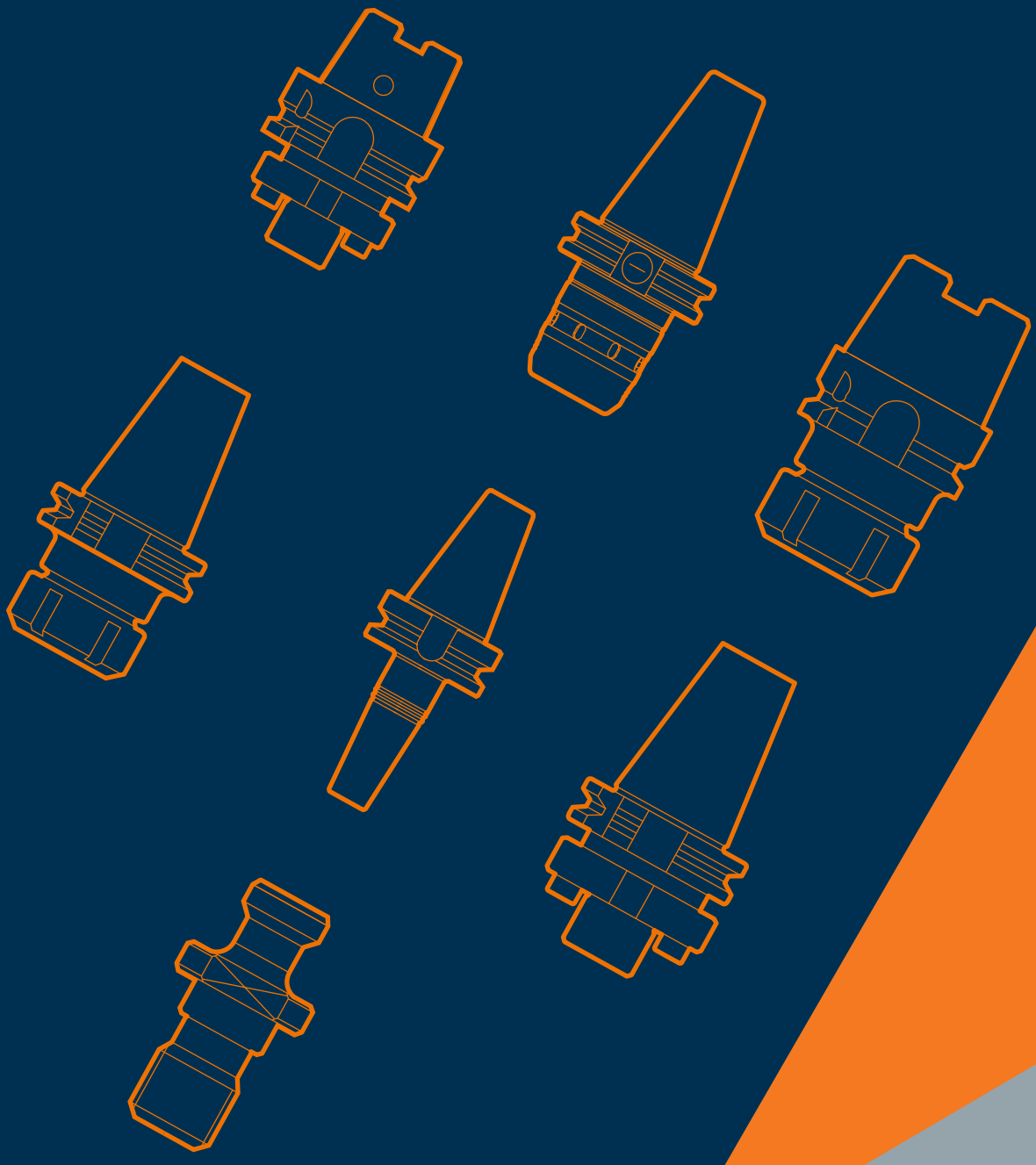
AVERTUM TOOLS

Каталог продукции

Инструментальная оснастка

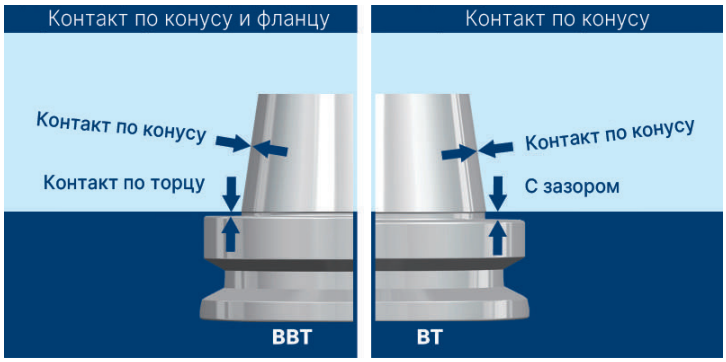


СОДЕРЖАНИЕ

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Система ISO 73
Система HSK-A 77
Система HSK-E 107
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Система ВТ и ВВТ

BBT DualDrive система с двойным контактом

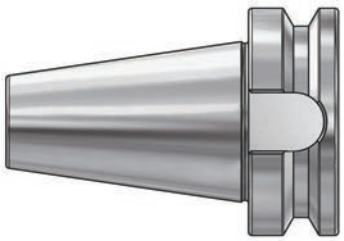


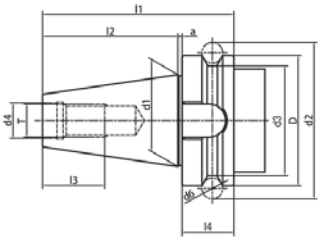
Преимущества BBT:

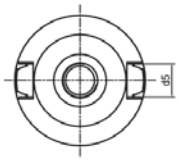
* Улучшенная стабильность при высокоскоростной обработке
* Высокое качество обработанной поверхности
* Высокая размерная точность
* Отличная повторяемость
* Улучшенная круглость при растачивании
* Увеличенный срок службы инструмента

BBT ДОСТУПНЫ ПО ЗАКАЗУ. ПРИ ЗАКАЗЕ УКАЖИТЕ ОБОЗНАЧЕНИЕ BBT.

Стандартные параметры конуса BT







Обозначение	D	d1	d2	d3	d4	d5	d6	l1	l2	l3	l4	d	T
BT30	46	31.75	56.144	38	12.5	16.1	8	70.4	48.4	24	20	2	M12*1.75
BT40	63	44.45	75.679	53	17	16.	10	92.4	65.4	30	25	2	M16*2.0
BT50	100	69.85	119.019	85	25	25.7	15	139.8	101.8	45	35	3	M24*3.0

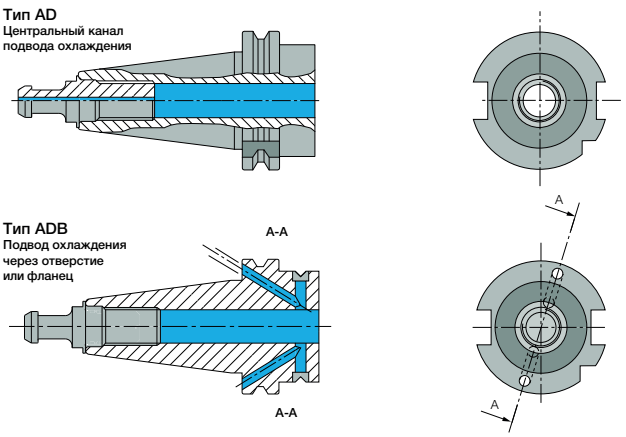
Стандарт: JIS B 6339
Материал: легирования закаленная сталь
Обработка поверхности: чернение и нанесение покрытия
Точность: <AT3
Твердость: HRC 56-60
Глубина углеродистого слоя: 0.8±0.2 мм
Шероховатость: Ra<0.005 мм
Балансировка: G6.3/15000; G2.5/25000
Охлаждение: AD; AD/B по запросу.

Расшифровка пиктограмм:

G	
G6.3 G2.5	AD AD/B

Данные пиктограммы означают следующее:
1. Класс балансировки G согласно ISO 1940-1:
Чёрным цветом – стандартное исполнение (класс балансировки G6.3 / 15000 об/мин)
Оранжевым цветом – исполнение под заказ (класс балансировки G2.5 / 25000 об/мин)

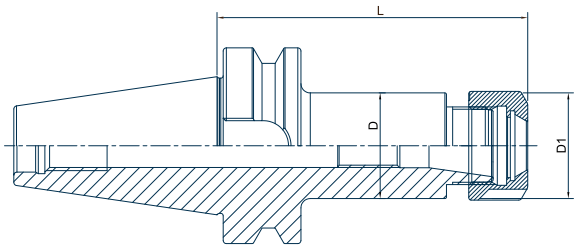
2. Подвод СОЖ/СОТС:
Чёрным цветом – стандартное исполнение (AD) – подача СОЖ через центральное отверстие
Оранжевым цветом – исполнение под заказ (AD/B) – подача СОЖ через отверстие или фланец



Цанговые патроны ER с гайкой UM

	A ↗	G	
DIN6499	≤0.003	G6.3 G2.5	AD AD/B



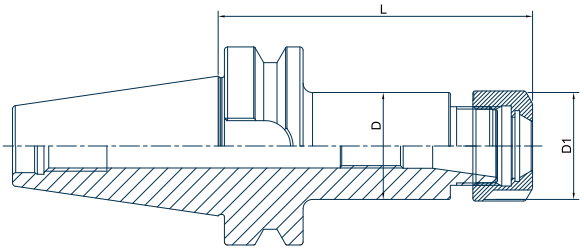


Обозначение	D	D1	L	Диапазон
BT30-ER16UM-70	28	32	70	1-10
BT30-ER20UM-70	34	35	70	1-13
BT30-ER25-70	42	42	70	2-16
BT30-ER32-70	40	50	70	2-20
BT30-ER40-70	50	63	70	3-26
BT30-ER16UM-100	28	32	100	1-10
BT30-ER20UM-100	34	35	100	1-13
BT30-ER25-100	42	42	100	2-16
BT30-ER32-100	40	50	100	2-20
BT40-ER16UM-70	28	32	70	1-10
BT40-ER20UM-70	34	35	70	1-13
BT40-ER25-70	42	42	70	2-16
BT40-ER32-70	50	50	70	2-20
BT40-ER40-80	50	63	80	3-26
BT40-ER16UM-100	28	32	100	1-10
BT40-ER20UM-100	34	35	100	1-13
BT40-ER25-100	42	42	100	2-16
BT40-ER32-100	50	50	100	2-20
BT40-ER40-100	50	63	100	3-26
BT40-ER16UM-160	28	32	160	1-10
BT40-ER20UM-160	34	35	160	1-13
BT40-ER25-160	42	42	160	2-16
BT40-ER32-160	50	50	160	2-20
BT40-ER40-160	50	63	160	3-26
BT40-ER16UM-200	28	32	200	1-10
BT40-ER20UM-200	34	35	200	1-13
BT40-ER25-200	42	42	200	2-16
BT40-ER32-200	50	50	200	2-20
BT40-ER40-200	50	63	200	3-26

Цанговые патроны ER с гайкой UM

	A ↗	G	
DIN6499	≤0.003	G6.3 G2.5	AD AD/B



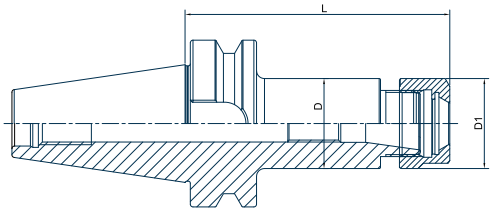


Обозначение	D	D1	L	Диапазон
BT50-ER16UM-70	28	32	70	1-10
BT50-ER20UM-70	34	35	70	1-13
BT50-ER25-70	42	42	70	2-16
BT50-ER32-70	40	50	70	2-20
BT50-ER40-80	63	63	80	3-26
BT50-ER50-100	64	78	100	6-34
BT50-ER16UM-100	28	32	100	1-10
BT50-ER20UM-100	34	35	100	1-13
BT50-ER25-100	42	42	100	2-16
BT50-ER32-100	50	50	100	2-20
BT50-ER40-100	63	63	100	3-26
BT50-ER16UM-160	28	32	160	1-10
BT50-ER20UM-160	34	35	160	1-13
BT50-ER25-160	42	42	160	2-16
BT50-ER32-160	50	50	160	2-20
BT50-ER40-160	63	63	160	3-26
BT50-ER16UM-200	28	32	200	1-10
BT50-ER20UM-200	34	35	200	1-13
BT50-ER25-200	42	42	200	2-16
BT50-ER32-200	50	50	200	2-20
BT50-ER40-200	63	63	200	3-26
BT50-ER25-250	42	42	250	2-16
BT50-ER32-250	50	50	250	2-20
BT50-ER40-250	63	63	250	3-26
BT50-ER25-300	42	42	300	2-16
BT50-ER32-300	50	50	300	2-20
BT50-ER40-300	63	63	300	3-26

Цанговые патроны ER с гайкой HEX

	A ↗	G	
DIN6499	≤0.003	G6.3 G2.5	AD AD/B





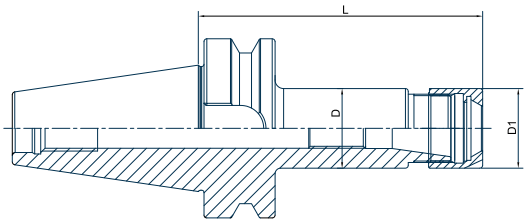
Обозначение	D	D1	L	Диапазон
BT30-ER16A-70	28	28	70	1-10
BT30-ER20A-70	34	34	70	1-13
BT30-ER16A-100	28	28	100	1-10
BT30-ER20A-100	34	34	100	1-13
BT40-ER16A-70	28	28	70	1-10
BT40-ER20A-70	34	34	70	1-13
BT40-ER16A-100	28	28	100	1-10
BT40-ER20A-100	34	34	100	1-13
BT40-ER16A-160	28	28	160	1-10
BT40-ER20A-160	34	34	160	1-13
BT40-ER16A-200T	28	28	200	1-10
BT40-ER20A-200	34	34	200	1-13
BT50-ER16A-70	28	28	70	1-10
BT50-ER20A-70	34	34	70	1-13
BT50-ER16A-100	28	28	100	1-10
BT50-ER20A-100	34	34	100	1-13
BT50-ER16A-160	28	28	160	1-10
BT50-ER20A-160	34	34	160	1-13
BT50-ER16A-200T	28	28	200	1-10
BT50-ER20A-200	34	34	200	1-13

T – со стороны режущей части конусное исполнение

Цанговые патроны ER с гайкой Mini

	A ↗	G	
DIN6499	≤0.003	G6.3 G2.5	AD AD/B





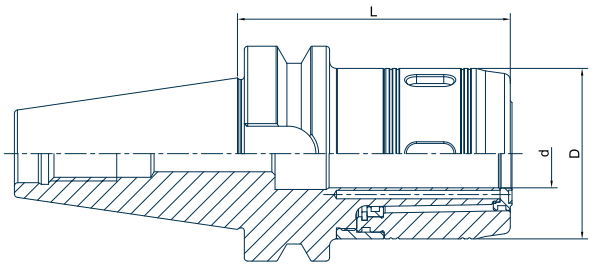
Обозначение	D	D1	L	Диапазон
BT30-ER11M-70	16	16	70	1-7
BT30-ER16M-70	22	22	70	1-10
BT40-ER11M-70	16	16	70	1-7
BT40-ER16M-70	22	22	70	1-10
BT40-ER20M-70	28	28	70	1-13
BT40-ER25M-70	35	35	70	2-16
BT40-ER11M-100	16	16	100	1-7
BT40-ER16M-100	22	22	100	1-10
BT40-ER20M-100	28	28	100	1-13
BT40-ER25M-100	35	35	100	2-16
BT40-ER11M-160T	16	16	160	1-7
BT40-ER16M-160T	22	22	160	1-10
BT40-ER20M-160	28	28	160	1-13
BT40-ER25M-160	35	35	160	2-16
BT50-ER16M-100	22	22	100	1-10
BT50-ER20M-100	28	28	100	1-13
BT50-ER25M-100	35	35	100	2-16
BT50-ER16M-160T	22	22	160	1-10
BT50-ER20M-160	28	28	160	1-13
BT50-ER25M-160	35	35	160	2-16

T – со стороны режущей части конусное исполнение

Силовые фрезерные патроны

A ↗	G	
≤0.008	G6.3	AD



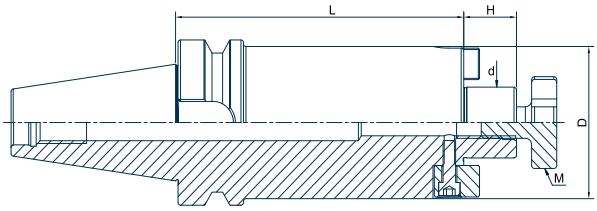


Обозначение	d	D	L	Диапазон
BT30-HC20-80	20	50	80	3-16; 20
BT30-HC25-90	25	59	90	3-20; 25
BT30-HC32-110	32	72	110	3-25; 32
BT40-HC20-90	20	50	90	3-16; 20
BT40-HC25-100	25	59	100	3-20; 25
BT40-HC32-90	32	72	90	3-25; 32
BT40-HC32-105	32	72	105	3-25; 32
BT40-HC32-165	32	72	165	3-25; 32
BT40-HC42-130	42	99	130	3-32; 42
BT50-HC20-105	20	50	105	3-16; 20
BT50-HC25-105	25	59	105	3-20; 25
BT50-HC32-110	32	72	110	3-25; 32
BT50-HC42-110	42	99	110	3-32; 42
BT50-HC32-165	32	72	165	3-25; 32
BT50-HC32-200	32	72	200	3-25; 32
BT50-HC32-250	32	72	250	3-25; 32
BT50-HC32-300	32	72	300	3-25; 32

Оправки для торцевых фрез

	A ↗	G	
DIN6357	≤0.005	G6.3 G2.5	AD AD/B



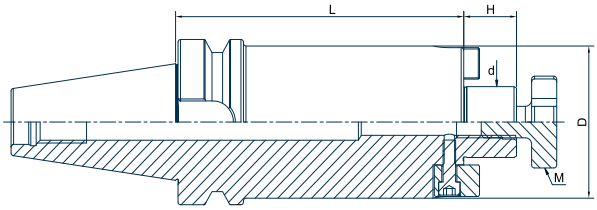


Обозначение	d	L	D	H	M
BT30-FMB16-40	16	40	38	17	M8
BT30-FMB22-40	22	40	48	19	M10
BT30-FMB27-40	27	40	58	21	M12
BT30-FMB32-50	32	50	78	24	M16
BT40-FMB16-40	16	40	38	17	M8
BT40-FMB22-40	22	40	48	19	M10
BT40-FMB27-40	27	40	58	21	M12
BT40-FMB32-50	32	50	78	24	M16
BT40-FMB40-50	40	50	88	27	M20
BT40-FMB22-60	22	60	48	19	M10
BT40-FMB27-60	27	60	58	21	M12
BT40-FMB32-60	32	60	78	24	M16
BT40-FMB40-60	40	60	88	27	M20
BT40-FMB16-100	16	100	38	17	M8
BT40-FMB22-100	22	100	48	19	M10
BT40-FMB27-100	27	100	58	21	M12
BT40-FMB32-100	32	100	78	24	M16
BT40-FMB40-100	40	100	88	27	M20
BT40-FMB16-160	16	160	38	17	M8
BT40-FMB22-160	22	160	48	19	M10
BT40-FMB27-160	27	160	58	21	M12
BT40-FMB32-160	32	160	78	24	M16
BT40-FMB40-160	40	160	88	27	M20
BT40-FMB22-200	22	200	48	19	M10
BT40-FMB27-200	27	200	58	21	M12
BT40-FMB32-200	32	200	78	24	M16
BT40-FMB40-200	40	200	88	27	M20
BT40-FMB22-250	22	250	48	19	M10
BT40-FMB22-300	22	300	48	19	M10

Оправки для торцевых фрез

	A ↗	G	
DIN6357	≤0.005	G6.3 G2.5	AD AD/B



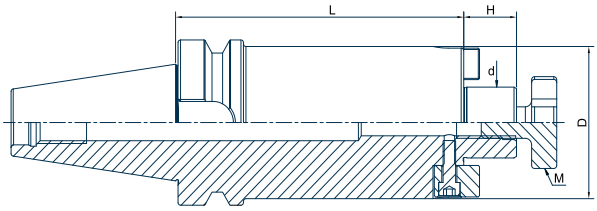


Обозначение	d	L	D	H	M
BT50-FMB16-40	16	40	38	17	M8
BT50-FMB22-40	22	40	48	19	M10
BT50-FMB27-40	27	40	58	21	M12
BT50-FMB32-50	32	50	78	24	M16
BT50-FMB40-50	40	50	88	27	M20
BT50-FMB60-75	60	75	129	25	M30
BT50-FMB22-60	22	60	48	19	M10
BT50-FMB27-60	27	60	58	21	M12
BT50-FMB32-60	32	60	78	24	M16
BT50-FMB40-60	40	60	88	27	M20
BT50-FMB16-100	16	100	38	17	M8
BT50-FMB22-100	22	100	48	19	M10
BT50-FMB27-100	27	100	58	21	M12
BT50-FMB32-100	32	100	78	24	M16
BT50-FMB40-100	40	100	88	27	M20
BT50-FMB22-160	22	160	48	19	M10
BT50-FMB27-160	27	160	58	21	M12
BT50-FMB32-160	32	160	78	24	M16
BT50-FMB40-160	40	160	88	27	M20

Оправки для торцевых фрез

	A ↗	G	
DIN6357	≤0.005	G6.3 G2.5	AD AD/B



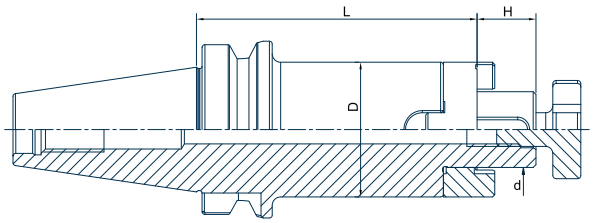


Обозначение	d	L	D	H	M
BT50-FMB22-200	22	200	48	19	M10
BT50-FMB27-200	27	200	58	21	M12
BT50-FMB32-200	32	200	78	24	M16
BT50-FMB40-200	40	200	88	27	M20
BT50-FMB22-250	22	250	48	19	M10
BT50-FMB27-250	27	250	58	21	M12
BT50-FMB32-250	32	250	78	24	M16
BT50-FMB40-250	40	250	88	27	M20
BT50-FMB22-300	22	300	48	19	M10
BT50-FMB27-300	27	300	58	21	M12
BT50-FMB32-300	32	300	78	24	M16
BT50-FMB40-300	40	300	88	27	M20
BT50-FMB22-100(D=60)	22	100	60	19	M10
BT50-FMB22-150/160(D=60)	22	150	60	19	M10
BT50-FMB22-200(D=60)	22	200	60	19	M10
BT50-FMB22-250(D=60)	22	250	60	19	M10
BT50-FMB22-300(D=60)	22	300	60	19	M10

Комбинированные оправки для насадных фрез

	A ↗	G	
DIN6358	≤0.005	G6.3	AD AD/B



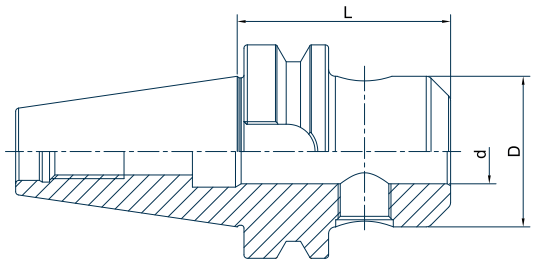


Обозначение	d	D	H	L
BT40-SEMC16-55	16	32	17	55
BT40-SEMC22-55	22	40	19	55
BT40-SEMC27-55	27	48	21	55
BT40-SEMC32-60	32	58	24	60
BT40-SEMC40-60	40	70	27	60
BT40-SEMC16-100	16	32	17	100
BT40-SEMC22-100	22	40	19	100
BT40-SEMC27-100	27	48	21	100
BT40-SEMC32-100	32	58	24	100
BT40-SEMC40-100	40	70	27	100
BT40-SEMC16-160	16	32	17	160
BT40-SEMC22-160	22	40	19	160
BT40-SEMC27-160	27	48	21	160
BT40-SEMC32-160	32	58	24	160
BT40-SEMC40-160	40	70	27	160
BT50-SEMC16-70	16	32	17	70
BT50-SEMC22-70	22	40	19	70
BT50-SEMC27-70	27	48	21	70
BT50-SEMC32-70	32	58	24	70
BT50-SEMC40-70	40	70	27	70
BT50-SEMC16-100	16	32	17	100
BT50-SEMC22-100	22	40	19	100
BT50-SEMC27-100	27	48	21	100
BT50-SEMC32-100	32	58	24	100
BT50-SEMC40-100	40	70	27	100
BT50-SEMC16-160	16	32	17	160
BT50-SEMC22-160	22	40	19	160
BT50-SEMC27-160	27	48	21	160
BT50-SEMC32-160	32	58	24	160
BT50-SEMC40-160	40	70	27	160

Патроны для концевых фрез с хвостовиком Weldon

	A ↗	G	
DIN6357/1835B	≤0.005	G6.3 G2.5	AD AD/B



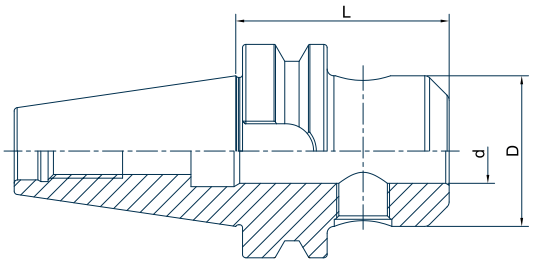


Обозначение	d	D	L
BT30-SLA6-50	6	25	50
BT30-SLA8-50	8	28	50
BT30-SLA10-50	10	35	50
BT30-SLA12-50	12	42	50
BT30-SLA14-50	14	44	50
BT30-SLA16-63	16	48	63
BT30-SLA18-63	18	50	63
BT30-SLA20-63	20	52	63
BT40-SLA6-50	6	25	50
BT40-SLA8-50	8	28	50
BT40-SLA10-63	10	35	63
BT40-SLA12-63	12	42	63
BT40-SLA14-63	14	44	63
BT40-SLA16-63	16	48	63
BT40-SLA18-63	18	50	63
BT40-SLA20-63	20	52	63
BT40-SLA25-90	25	65	90
BT40-SLA32-100	32	72	100
BT40-SLA40-120	40	80	120
BT40-SLA6-100	6	25	100
BT40-SLA8-100	8	28	100
BT40-SLA10-100	10	35	100
BT40-SLA12-100	12	42	100
BT40-SLA14-100	14	44	100
BT40-SLA16-100	16	48	100
BT40-SLA18-100	18	50	100
BT40-SLA20-100	20	52	100

Патроны для концевых фрез с хвостовиком Weldon

	A ↗	G	
DIN6357/1835B	≤0.005	G6.3 G2.5	AD AD/B



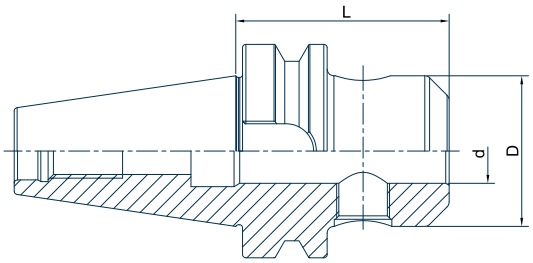


Обозначение	d	D	L
BT40-SLA6-160	6	25	160
BT40-SLA8-160	8	28	160
BT40-SLA10-160	10	35	160
BT40-SLA12-160	12	42	160
BT40-SLA14-160	14	44	160
BT40-SLA16-160	16	48	160
BT40-SLA18-160	18	50	160
BT40-SLA20-160	20	52	160
BT40-SLA25-160	25	65	160
BT40-SLA32-160	32	72	160
BT40-SLA40-160	40	80	160
BT50-SLA6-63	6	25	63
BT50-SLA8-63	8	28	63
BT50-SLA10-63	10	35	63
BT50-SLA12-80	12	42	80
BT50-SLA14-80	14	44	80
BT50-SLA16-80	16	48	80
BT50-SLA18-80	18	50	80
BT50-SLA20-80	20	52	80
BT50-SLA25-100	25	65	100
BT50-SLA32-105	32	72	105
BT50-SLA40-110	40	80	110

Патроны для концевых фрез с хвостовиком Weldon

	A ↗	G	
DIN6357/1835B	≤0.005	G6.3 G2.5	AD AD/B



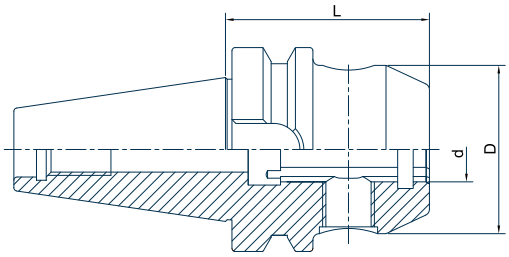


Обозначение	d	D	L
BT50-SLA6-160	6	25	160
BT50-SLA8-160	8	28	160
BT50-SLA10-160	10	35	160
BT50-SLA12-160	12	42	160
BT50-SLA14-160	14	44	160
BT50-SLA16-160	16	48	160
BT50-SLA18-160	18	50	160
BT50-SLA20-160	20	52	160
BT50-SLA25-160	25	65	160
BT50-SLA32-160	32	72	160
BT50-SLA40-160	40	80	160

Патроны для концевых фрез с хвостовиком Weldon, с каналами для подвода СОЖ

	A ↗	G	
DIN6359/1835B	≤0.005	G6.3 G2.5	AD AD/B



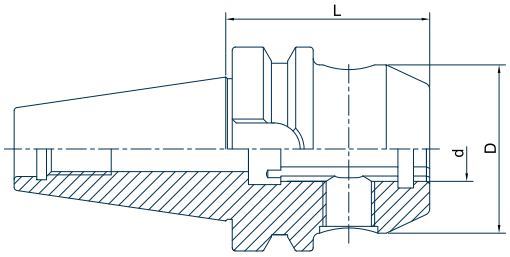


Обозначение	d	D	L
BT40-SLA06-50K	6	25	50
BT40-SLA08-50K	8	28	50
BT40-SLA10-63K	10	35	63
BT40-SLA12-63K	12	42	63
BT40-SLA14-63K	14	44	63
BT40-SLA16-63K	16	48	63
BT40-SLA18-63K	18	50	63
BT40-SLA20-63K	20	52	63
BT40-SLA25-90K	25	65	90
BT40-SLA32-100K	32	72	100
BT40-SLA40-120K	40	80	120
BT40-SLA06-100K	6	25	100
BT40-SLA08-100K	8	28	100
BT40-SLA10-100K	10	35	100
BT40-SLA12-100K	12	42	100
BT40-SLA14-100K	14	44	100
BT40-SLA16-100K	16	48	100
BT40-SLA18-100K	18	50	100
BT40-SLA20-100K	20	52	100

Патроны для концевых фрез с хвостовиком Weldon, с каналами для подвода СОЖ

	A ↗	G	
DIN6359/1835B	≤0.005	G6.3 G2.5	AD AD/B



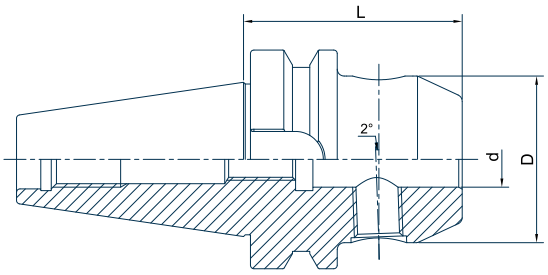


Обозначение	d	D	L
BT50-SLA06-63K	6	25	63
BT50-SLA08-63K	8	28	63
BT50-SLA10-63K	10	35	63
BT50-SLA12-80K	12	42	80
BT50-SLA14-80K	14	44	80
BT50-SLA16-80K	16	48	80
BT50-SLA18-80K	18	50	80
BT50-SLA20-80K	20	52	80
BT50-SLA25-100K	25	65	100
BT50-SLA32-105K	32	72	105
BT50-SLA40-110K	40	80	110
BT50-SLA06-100K	6	25	100
BT50-SLA08-100K	8	28	100
BT50-SLA10-100K	10	35	100
BT50-SLA12-100K	12	42	100
BT50-SLA14-100K	14	44	100
BT50-SLA16-100K	16	48	100
BT50-SLA18-100K	18	50	100
BT50-SLA20-100K	20	52	100

Патроны для концевых фрез с хвостовиком с наклонной лыской Whistle Notch

	A ↗	G	
DIN6359/1835B	≤0.005	G6.3 G2.5	AD AD/B



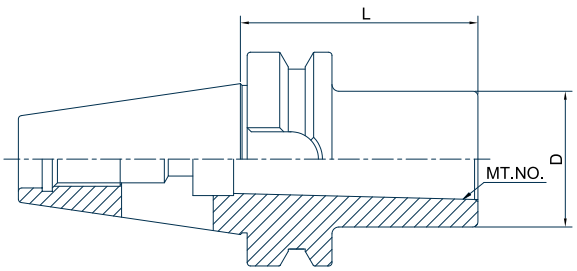


Обозначение	d	D	L
BT40-SLB06-50	6	25	25
BT40-SLB08-50	8	28	28
BT40-SLB10-63	10	35	35
BT40-SLB12-63	12	42	42
BT40-SLB14-63	14	44	44
BT40-SLB16-63	16	48	48
BT40-SLB18-63	18	50	50
BT40-SLB20-63	20	52	52
BT40-SLB25-90	25	65	65
BT40-SLB32-100	32	72	72
BT40-SLB40-120	40	80	80
BT50-SLB06-63	6	25	25
BT50-SLB08-63	8	28	28
BT50-SLB10-63	10	35	35
BT50-SLB12-80	12	42	42
BT50-SLB14-80	14	44	44
BT50-SLB16-80	16	48	48
BT50-SLB18-80	18	50	50
BT50-SLB20-80	20	52	52
BT50-SLB25-100	25	65	65
BT50-SLB32-105	32	72	72
BT50-SLB40-110	40	80	80

Патроны для хвостовика с конусом Морзе с лапкой

	A ↗	G	
DIN6383	≤0.005	G6.3	AD



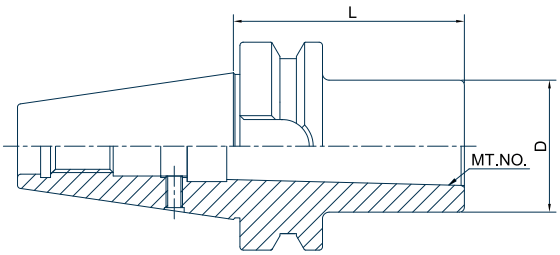


Обозначение	MT.NO.	D	L
BT30-MTA1-45	1	25	45
BT30-MTA2-60	2	32	60
BT30-MTA3-75	3	40	75
BT40-MTA1-50	1	25	50
BT40-MTA2-50	2	32	50
BT40-MTA3-70	3	40	70
BT40-MTA4-95	4	48	95
BT50-MTA1-45	1	25	45
BT50-MTA2-60	2	32	60
BT50-MTA3-65	3	40	65
BT50-MTA3-180	3	40	180
BT50-MTA4-95	4	48	95
BT50-MTA4-180	4	48	180
BT50-MTA5-105	5	63	105

Патроны для хвостовика с конусом Морзе

	A ↗	G	
DIN6364	≤0.005	G6.3	A



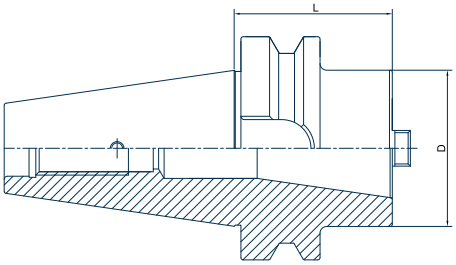


Обозначение	MT.NO.	D	L
BT40-MTB1-50	1	25	50
BT40-MTB2-50	2	32	50
BT40-MTB3-70	3	40	70
BT40-MTB4-95	4	48	95
BT50-MTB1-45	1	25	45
BT50-MTB2-60	2	32	60
BT50-MTB3-65	3	40	65
BT50-MTB4-70	4	48	70
BT50-MTB5-120	5	63	120

Патроны переходноые с конуса BT на конус BT

A ↗	G	
≤0.008	G6.3	A



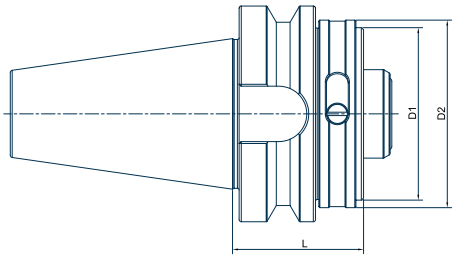


Обозначение	D	L
BT40-BT30-60	63	60
BT40-BT40-100	63	100
BT50-BT40-70	70	70
BT50-BT50-120	97	120

Патроны переходные с конуса BT на конус HSK

A ↗	G	
≤0.005	G6.3	A



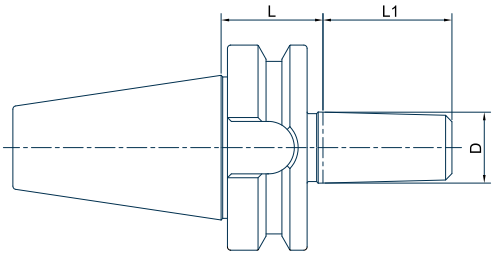


Обозначение	D1	D2	L
BT30-HSK32C-40	32	37	40
BT30-HSK40C-40	40	45	40
BT40-HSK32C-40	32	37	40
BT40-HSK40C-40	40	45	40
BT40-HSK50C-50	50	55	50
BT40-HSK63C-70	63	70	70
BT50-HSK32C-50	32	37	50
BT50-HSK40C-50	40	45	50
BT50-HSK50C-60	50	55	60
BT50-HSK63C-60	63	70	60
BT50-HSK80C-60	80	87	60
BT50-HSK100C-90	100	110	90

Оправки для сверлильного патрона

	A ↗	G	
DIN238	≤0.005	G6.5	A



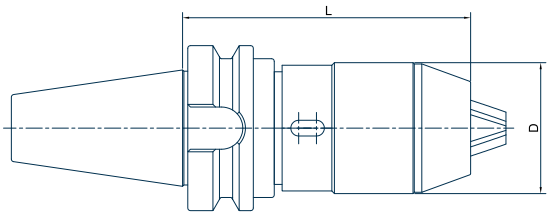


Обозначение	D	L	L1
BT30-B12-25	B12	25	18.5
BT30-B16-25	B16	25	24
BT40-B12-32	B12	32	18.5
BT40-B16-32	B16	32	24
BT40-B18-32	B18	32	32
BT40-B22-32	B22	32	40.5
BT50-B16-45	B16	45	24
BT50-B18-45	B18	45	32
BT50-B22-45	B22	45	40.5

Сверлильные трехкулачковые патроны, тип APU

A ↗	
≤0.08	A



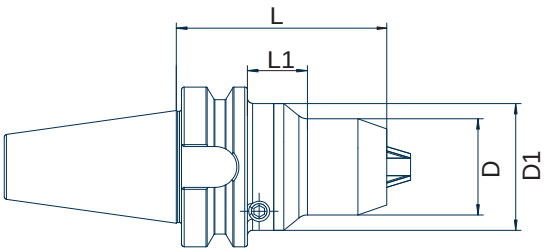


Обозначение	D	L		Диапазон
BT30-APU08-80	36	80	85	1-8
BT30-APU13-110	48	110	120	1-13
BT40-APU08-85	36	85	90	1-8
BT40-APU13-105	48	105	115	1-13
BT40-APU16-110	53	110	120.6	3-16
BT50-APU08-90	36	90	100	1-8
BT50-APU13-105	48	105	115	1-13
BT50-APU16-115	53	115	125.6	3-16

Прецизионные сверлильные патроны

A ↗	G	
≤0.03	G6.3	AD

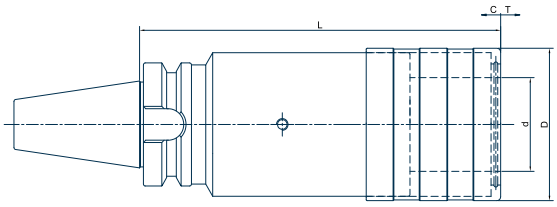




Обозначение	D	D1	L	L1	Диапазон
BT30-CPU10-80	38	50	80	26	0.5-10
BT40-CPU10-80	38	50	80	21	0.5-10
BT40-CPU13-90	50	-	90	-	1-13
BT40-CPU16-90	50	-	90	-	1-16
BT50-CPU13-100	50	-	100	-	1-13
BT50-CPU16-100	50	-	100	-	1-16

Быстросменные резьбонарезные патроны с осевой компенсацией



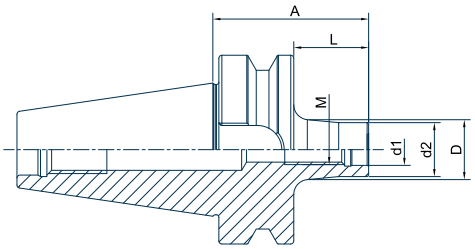


Обозначение	Втулка	d	D	L	T	C
BT30-TC312-70	1	19	38	70	7.5	7.5
BT30-TC820-95	2	31	54	95	12.5	12.5
BT40-TC312-65	1	19	38	65	7.5	7.5
BT40-TC820-93	2	31	53	93	12.5	12.5
BT40-TC1433-166	3	48	78	166	22	22
BT50-TC312-100	1	19	38	100	7.5	7.5
BT50-TC820-100	2	31	53	100	12.5	12.5
BT50-TC1433-142	3	48	78	142	22	22

Патроны для сменных фрезерных головок

A ↗	G	
≤0.005	G6.3	AD AD/B



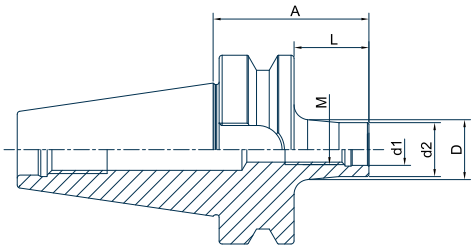


Обозначение	M	d1	d2	A	L	D
BT40-SOM08-52 L=25	M8	8.5	14.5	52	25	15
BT40-SOM08-77 L=50	M8	8.5	14.5	77	50	23
BT40-SOM08-102 L=75	M8	8.5	14.5	102	75	23
BT40-SOM08-127 L=100	M8	8.5	14.5	127	100	25
BT40-SOM10-32 L=5	M10	10.5	18	32	5	18
BT40-SOM10-52 L=25	M10	10.5	18	52	25	20
BT40-SOM10-77 L-50	M10	10.5	18	77	50	23
BT40-SOM10-102 L=75	M10	10.5	18	102	75	28
BT40-SOM10-127 L=100	M10	10.5	18	127	100	32
BT40-SOM10-177 L=150	M10	10.5	18	177	150	36.5
BT40-SOM12-32 L=5	M12	12.5	21	32	5	21
BT40-SOM12-52 L=25	M12	12.5	21	52	25	24
BT40-SOM12-77 L=50	M12	12.5	21	77	50	24
BT40-SOM12-102 L=75	M12	12.5	21	102	75	31
BT40-SOM12-127 L=100	M12	12.5	21	127	100	31
BT40-SOM12-152 L=125	M12	12.5	21	152	125	36
BT40-SOM12-177 L=150	M12	12.5	21	177	150	38
BT40-SOM16-32 L=5	M16	17	29	32	5	29
BT40-SOM16-52 L=25	M16	17	29	52	25	29
BT40-SOM16-77 L=50	M16	17	29	77	50	34
BT40-SOM16-102 L=75	M16	17	29	102	75	34
BT40-SOM16-127 L=100	M16	17	29	127	100	36
BT40-SOM16-152 L=125	M16	17	29	152	125	40
BT40-SOM16-177 L=150	M16	17	29	177	150	42.5

Патроны для сменных фрезерных головок

A ↗	G	
≤0.005	G6.3	AD AD/B



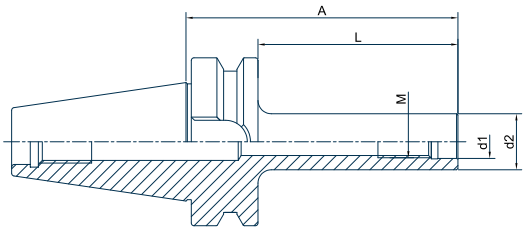


Обозначение	M	d1	d2	A	L	D
BT50-SOM08-88 L=50	M8	8.5	14.5	88	50	23
BT50-SOM08-138 L=100	M8	8.5	14.5	138	100	25
BT50-SOM08-188 L=150	M8	8.5	14.5	188	150	30
BT50-SOM10-88 L=50	M10	10.5	18	88	50	23
BT50-SOM10-138 L=100	M10	10.5	18	138	100	32
BT50-SOM10-188 L=150	M10	10.5	18	188	150	36.5
BT50-SOM12-88 L=50	M12	12.5	21	88	50	24
BT50-SOM12-138 L=100	M12	12.5	21	138	100	33
BT50-SOM12-188 L=150	M12	12.5	21	188	150	40
BT50-SOM16-88 L=50	M16	17	29	88	50	34
BT50-SOM16-138 L=100	M16	17	29	138	100	36
BT50-SOM16-188 L=150	M16	17	29	188	150	42.5

Патроны для сменных фрезерных головок

A ↗	G	
≤0.005	G6.3	AD AD/B



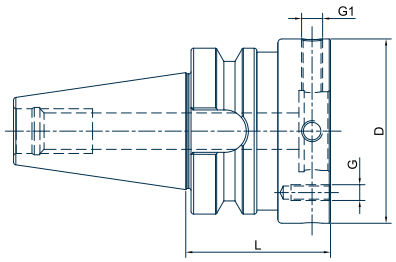


Обозначение	M	d1	d2	A	L
BT40-M10-102 L=75	M10	10.5	18	102	75
BT40-M10-127 L=100	M10	10.5	18	127	100
BT40-M10-177 L=150	M10	10.5	18	177	150
BT40-M12-102 L=75	M12	12.5	21	102	75
BT40-M12-127 L=100	M12	12.5	21	127	100
BT40-M12-152 L=125	M12	12.5	21	152	125
BT40-M12-177 L=150	M12	12.5	21	177	150
BT40-M16-102 L=75	M16	17	29	102	75
BT40-M16-127 L=100	M16	17	29	127	100
BT40-M16-152 L=125	M16	17	29	152	125
BT40-M16-177 L=150	M16	17	29	177	150
BT50-M10-138 L=100	M10	10.5	18	138	100
BT50-M10-188 L=150	M10	10.5	18	188	150
BT50-M12-138 L=100	M12	12.5	21	138	100
BT50-M12-188 L=150	M12	12.5	21	188	150
BT50-M16-138 L=100	M16	17	29	138	100
BT50-M16-188 L=150	M16	17	29	188	150

Базовые держатели с регулировкой биения

A ↗	G	
≤0.002	G6.3 G2.5	AD



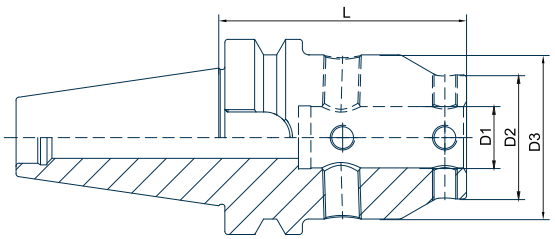


Обозначение	D	L	G	G1
BT30-MOD060-050	60	50	M5	M8x1
BT30-MOD070-050	70	50	M6	M8x1
BT40-MOD060-050	60	50	M5	M8x1
BT40-MOD070-050	70	50	M6	M8x1
BT40-MOD080-050	80	50	M6	M8x1
BT40-MOD100-070	100	70	M8	M10x1
BT50-MOD060-070	60	70	M5	M8x1
BT50-MOD070-070	70	70	M6	M8x1
BT50-MOD080-070	80	70	M6	M8x1
BT50-MOD100-070	100	70	M8	M10x1
BT50-MOD117-080	117	80	M8	M10x1
BT50-MOD140-080	140	80	M10	M10x1

Регулируемые комбинированные патроны, тип UM

A ↗	G	
≤0.003	G6.3 G2.5	AD AD/B





Обозначение	D1	D2	D3	L
BT30-UM12-65	12	28	44.5	65
BT30-UM16-75	16	32	48	75
BT30-UM20-85	20	40	53	85
BT30-UM25-95	25	48	63	95
BT30-UM32-100	32	52	63	100
BT40-UM12-70	12	28	44.5	70
BT40-UM16-70	16	32	48	70
BT40-UM20-80	20	40	53	80
BT40-UM25-100	25	48	63	95
BT40-UM32-95	32	52	63	95
BT50-UM12-80	12	28	44.5	80
BT50-UM16-85	16	32	48	85
BT50-UM20-90	20	40	53	90
BT50-UM25-105	25	48	63	105
BT50-UM32-105	32	52	63	105

Заготовки для оправок



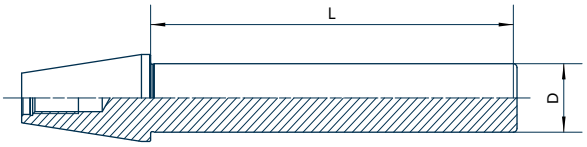


Обозначение	D	L
BT30-D50-160	50	160
BT40-D63-160	63	160
BT40-D63-250	63	250
BT50-D100-160	100	160
BT50-D100-250	100	250

Тестовые оправки

A ↗
≤0.002

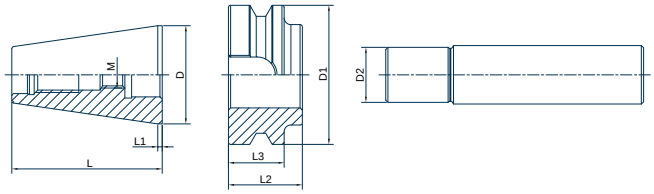




Обозначение	D	L
BT30-32-300	32	300
BT40-40-300	40	300
BT50-50-300	50	300

Оправки для настройки захвата МАСИ (механизм автоматической смены инструмента)



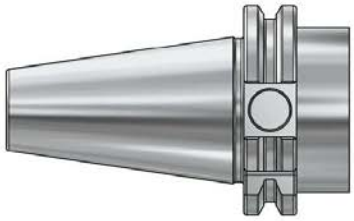


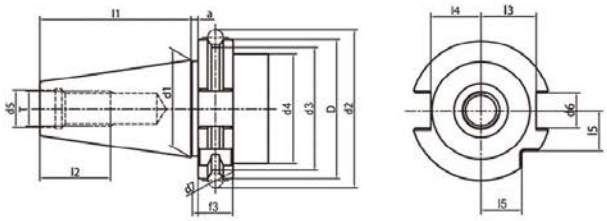
Обозначение	D	D1	D2	L	L1	L2
BT30-ATC-18D	31.75	46	18	50.4	2	20
BT40-ATC-20D	44.45	63	20	67.4	2	25
BT50-ATC-28D	69.85	100	28	104.8	3	35

Применение:
1) Установите конус в шпиндель станка
2) Установите фланец на захват МАСИ
3) Вставьте штифт во фланец
4) Отрегулируйте захват МАСИ и убедитесь, что передняя часть штифта полностью вошла во фланец

Система SK

Стандартные параметры конуса SK





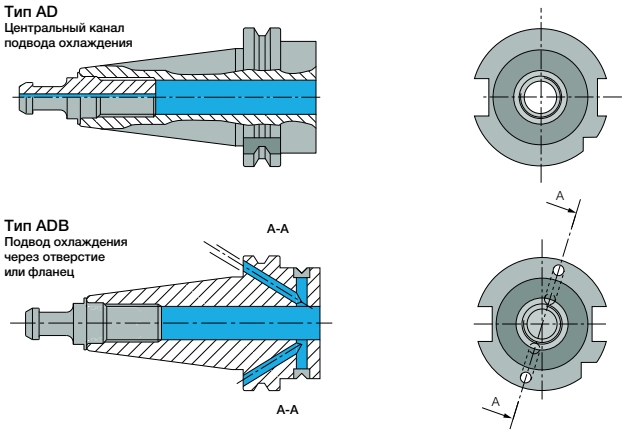
Обозначение	D	d1	d2	d3	d4	d5	d6	d7	l1	l2	l3	l4	l5	e1	e2
SK30	50	31.75	59.3	44.3	45	13	16.1	7	47.8	24	18.8	16.3	15	21	5
SK40	63.55	44.45	72.3	56.25	50	17	16.1	7	58.4	32	25	22.7	18.5	27	5
SK50	97.5	69.85	107.36	91.25	80	25	25.7	7	101.8	47	37.7	35.5	30	42	7

Стандарт: DIN 69871
Материал: легирования закаленная сталь
Обработка поверхности: чернение и нанесение покрытия
Точность: <AT3
Твердость: HRC 58-62
Глубина углеродистого слоя: 0.8±0.2 мм
Шероховатость: Ra<0.005 мм
Балансировка: G6.3/15000; G2.5/25000
Охлаждение: AD; AD/B по запросу.

G	
G6.3 G2.5	AD AD/B

Данные пиктограммы означают следующее:
1. Класс балансировки G согласно ISO 1940-1:
Чёрным цветом – стандартное исполнение (класс балансировки G6.3 / 15000 об/мин)
Оранжевым цветом – исполнение под заказ (класс балансировки G2.5 / 25000 об/мин)

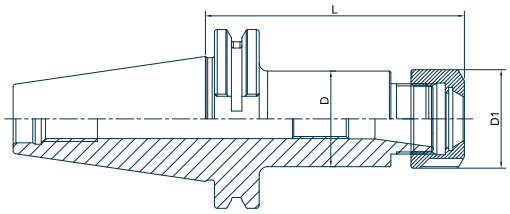
2. Подвод СОЖ/СОТС:
Чёрным цветом – стандартное исполнение (AD) – подача СОЖ через центральное отверстие
Оранжевым цветом – исполнение под заказ (AD/B) – подача СОЖ через отверстие или фланец



Цанговые патроны ER с гайкой UM

	A ↗	G	
DIN6499	≤0.003	G6.3 G2.5	AD AD/B



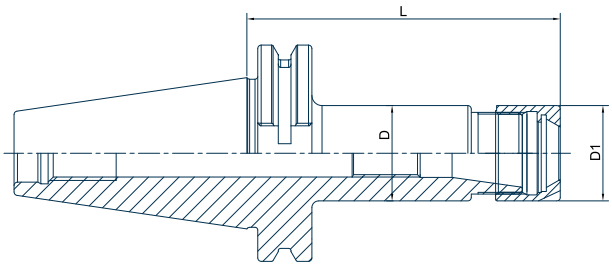


Обозначение	D	D1	L	Диапазон
SK50-ER16UM-70	28	32	70	1-10
SK50-ER20UM-70	34	35	70	1-13
SK50-ER25-60	42	42	60	2-16
SK50-ER32-70	50	50	70	2-20
SK50-ER40-80	63	63	80	3-26
SK50-ER50-100	100	78	100	6-34
SK50-ER16UM-100	28	32	100	1-10
SK50-ER20UM-100	34	35	100	1-13
SK50-ER25-100	42	42	100	2-16
SK50-ER32-100	50	50	100	2-20
SK50-ER40-100	63	63	100	3-26
SK50-ER16UM-160	28	32	160	1-10
SK50-ER20UM-160	34	35	160	1-13
SK50-ER25-160	42	42	160	2-16
SK50-ER32-160	50	50	160	2-20
SK50-ER40-160	63	63	160	3-26
SK50-ER16UM-200	28	32	200	1-10
SK50-ER20UM-200	34	35	200	1-13
SK50-ER25-200	42	42	200	2-16
SK50-ER32-200	50	50	200	2-20
SK50-ER40-200	63	63	200	3-26

Цанговые патроны ER с гайкой Mini

	A ↗	G	
DIN6499	≤0.003	G6.3 G2.5	AD AD/B





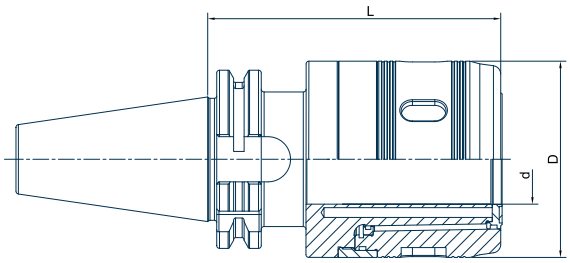
Обозначение	D	D1	L	Диапазон
SK40-ER11M-70	16	16	70	1-7
SK40-ER16M-70	22	22	70	1-10
SK40-ER20M-70	28	28	70	1-13
SK40-ER25M-70	35	35	70	2-16
SK40-ER11M-100	16	16	100	1-7
SK40-ER16M-100	22	22	100	1-10
SK40-ER20M-100	28	28	100	1-13
SK40-ER25M-100	35	35	100	2-16
SK40-ER11M-160T	16	16	160	1-7
SK40-ER16M-160T	22	22	160	1-10
SK40-ER20M-160	28	28	160	1-13
SK40-ER25M-160	35	35	160	2-16
SK50-ER16M-70	22	22	70	1-10
SK50-ER20M-70	28	28	70	1-13
SK50-ER25M-70	35	35	70	2-16
SK50-ER16M-100	22	22	100	1-10
SK50-ER20M-100	28	28	100	1-13
SK50-ER25M-100	35	35	100	2-16
SK50-ER16M-160T	22	22	160	1-10
SK50-ER20M-160	28	28	160	1-13
SK50-ER25M-160	35	35	160	2-16

T – со стороны режущей части конусное исполнение

Силовые фрезерные патроны

A ↗	G	
≤0.008	G6.3	AD



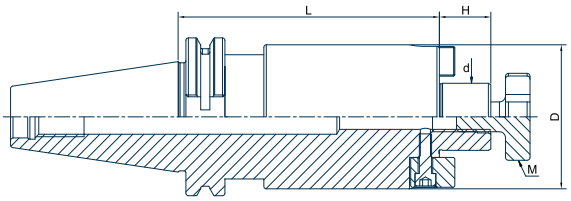


Обозначение	d	D	L	Диапазон
SK30-HC20-85	20	50	85	3-16; 20
SK30-HC20-100	20	50	100	3-16; 20
SK40-HC20-85	20	50	85	3-16; 20
SK40-HC25-100	25	59	100	3-20; 25
SK40-HC32-105	32	72	105	3-25; 32
SK50-HC20-105	20	50	105	3-16; 20
SK50-HC25-100	25	59	100	3-20; 25
SK50-HC32-110	32	72	110	3-25; 32
SK50-HC42-110	42	99	110	3-32; 42

Оправки для торцевых фрез

	A ↗	G	
DIN6357	≤0.005	G6.3 G2.5	AD AD/B



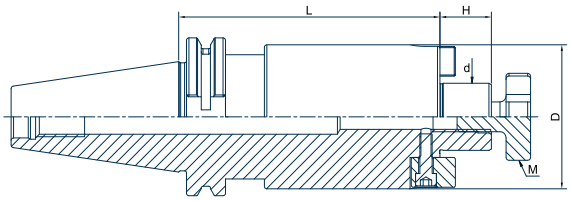


Обозначение	d	D	L	H	M
SK30-FMB16-40	16	38	40	17	M8
SK30-FMB22-40	22	48	40	19	M10
SK30-FMB27-50	27	58	50	21	M12
SK30-FMB32-50	32	78	50	24	M16

Оправки для торцевых фрез

	A ↗	G	
DIN6357	≤0.005	G6.3 G2.5	AD AD/B



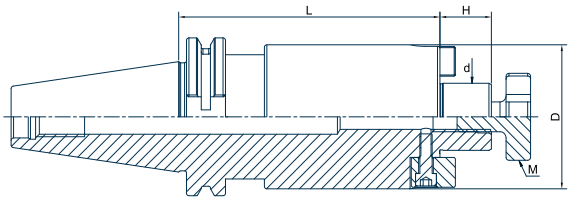


Обозначение	d	D	L	H	M
SK40-FMB16-35	16	38	35	17	M8
SK40-FMB22-35	22	48	35	19	M10
SK40-FMB27-40	27	58	40	21	M12
SK40-FMB32-50	32	78	50	24	M16
SK40-FMB40-50	40	88	50	27	M20
SK40-FMB16-100	16	38	100	17	M8
SK40-FMB22-100	22	48	100	19	M10
SK40-FMB27-100	27	58	100	21	M12
SK40-FMB32-100	32	78	100	24	M16
SK40-FMB40-100	40	88	100	27	M20
SK40-FMB16-160	16	38	160	17	M8
SK40-FMB22-160	22	48	160	19	M10
SK40-FMB27-160	27	58	160	21	M12
SK40-FMB32-160	32	78	160	24	M16
SK40-FMB40-160	40	88	160	27	M20
SK40-FMB16-200	16	38	200	17	M8
SK40-FMB22-200	22	48	200	19	M10
SK40-FMB27-200	27	58	200	21	M12
SK40-FMB32-200	32	78	200	24	M16
SK40-FMB40-200	40	88	200	27	M20
SK40-FMB22-250	22	48	250	19	M10
SK40-FMB27-250	27	58	250	21	M12
SK40-FMB32-250	32	78	250	24	M16
SK40-FMB40-250	40	88	250	27	M20
SK40-FMB22-300	22	48	300	19	M10
SK40-FMB27-300	27	58	300	21	M12
SK40-FMB32-300	32	78	300	24	M16
SK40-FMB40-300	40	88	300	27	M20

Оправки для торцевых фрез

	A ↗	G	
DIN6357	≤0.005	G6.3 G2.5	AD AD/B



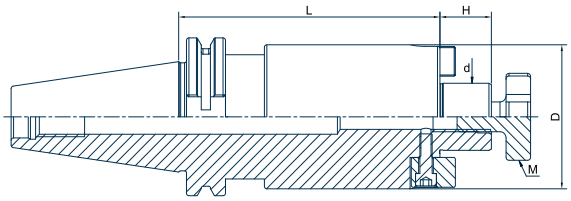


Обозначение	d	D	L	H	M
SK50-FMB16-35	16	38	35	17	M8
SK50-FMB22-35	22	48	35	19	M10
SK50-FMB27-40	27	58	40	21	M12
SK50-FMB32-50	32	78	50	24	M16
SK50-FMB40-50	40	88	50	27	M20
SK50-FMB16-100	16	38	100	17	M8
SK50-FMB22-100	22	48	100	19	M10
SK50-FMB27-100	27	58	100	21	M12
SK50-FMB32-100	32	78	100	24	M16
SK50-FMB40-100	40	88	100	27	M20
SK50-FMB16-160	16	38	160	17	M8
SK50-FMB22-160	22	48	160	19	M10
SK50-FMB27-160	27	58	160	21	M12
SK50-FMB32-160	32	78	160	24	M16
SK50-FMB40-160	40	88	160	27	M20
SK50-FMB16-200	16	38	200	17	M8
SK50-FMB22-200	22	48	200	19	M10
SK50-FMB27-200	27	58	200	21	M12
SK50-FMB32-200	32	78	200	24	M16
SK50-FMB40-200	40	88	200	27	M20
SK50-FMB22-250	22	48	250	19	M10
SK50-FMB27-250	27	58	250	21	M12
SK50-FMB32-250	32	78	250	24	M16
SK50-FMB40-250	40	88	250	27	M20

Оправки для торцевых фрез

	A ↗	G	
DIN6357	≤0.005	G6.3 G2.5	AD AD/B



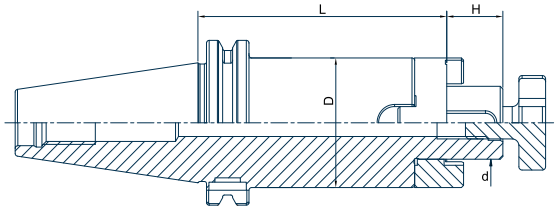


Обозначение	d	D	L	H	M
SK50-FMB22-300	22	48	300	19	M10
SK50-FMB27-300	27	58	300	21	M12
SK50-FMB32-300	32	78	300	24	M16
SK50-FMB40-300	40	88	300	27	M20

Комбинированные оправки для насадных фрез

	A ↗	G	
DIN6358	≤0.005	G6.3	AD AD/B



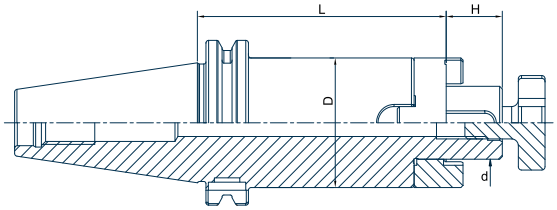


Обозначение	d	D	l	L
SK30-SEMC16-50	16	32	17	50
SK30-SEMC22-50	22	40	19	50
SK30-SEMC27-55	27	48	21	55
SK30-SEMC32-60	32	58	24	60
SK40-SEMC16-55	16	32	17	55
SK40-SEMC22-55	22	40	19	55
SK40-SEMC27-55	27	48	21	55
SK40-SEMC32-60	32	58	24	60
SK40-SEMC40-60	40	70	27	60
SK40-SEMC16-100	16	32	17	100
SK40-SEMC22-100	22	40	19	100
SK40-SEMC27-100	27	48	21	100
SK40-SEMC32-100	32	58	24	100
SK40-SEMC40-100	40	70	27	100
SK40-SEMC16-160	16	32	17	160
SK40-SEMC22-160	22	40	19	160
SK40-SEMC27-160	27	48	21	160
SK40-SEMC32-160	32	58	24	160
SK40-SEMC40-160	40	70	27	160

Комбинированные оправки для насадных фрез

	A ↗	G	
DIN6358	≤0.005	G6.3	AD AD/B



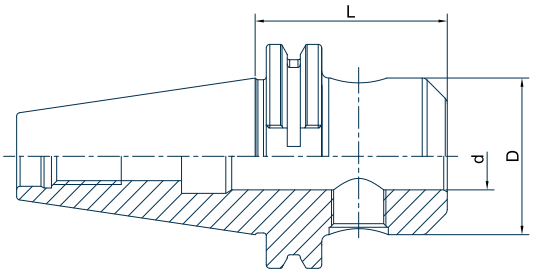


Обозначение	d	D	l	L
SK50-SEMC16-55	16	32	17	55
SK50-SEMC22-55	22	40	19	55
SK50-SEMC27-55	27	48	21	55
SK50-SEMC32-55	32	58	24	60
SK50-SEMC40-55	40	70	27	60
SK50-SEMC16-100	16	32	17	100
SK50-SEMC22-100	22	40	19	100
SK50-SEMC27-100	27	48	21	100
SK50-SEMC32-100	32	58	24	100
SK50-SEMC40-100	40	70	27	100
SK50-SEMC16-160	16	32	17	160
SK50-SEMC22-160	22	40	19	160
SK50-SEMC27-160	27	48	21	160
SK50-SEMC32-160	32	58	24	160
SK50-SEMC40-160	40	70	27	160

Патроны для концевых фрез с хвостовиком Weldon

	A ↗	G	
DIN6359/1835B	≤0.005	G6.3 G2.5	AD AD/B



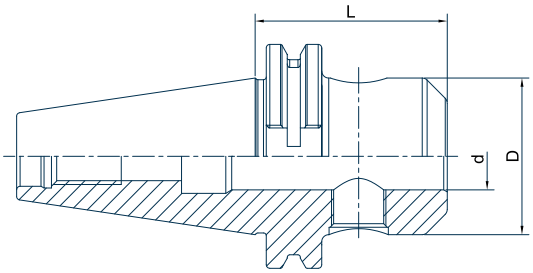


Обозначение	d	D	L
SK30-SLA06-50	6	25	50
SK30-SLA08-50	8	28	50
SK30-SLA10-50	10	35	50
SK30-SLA12-50	12	42	50
SK30-SLA14-63	14	44	63
SK30-SLA16-63	16	48	63
SK30-SLA18-63	18	50	63
SK30-SLA20-70	20	52	70

Патроны для концевых фрез с хвостовиком Weldon

	A ↗	G	
DIN6359/1835B	≤0.005	G6.3 G2.5	AD AD/B



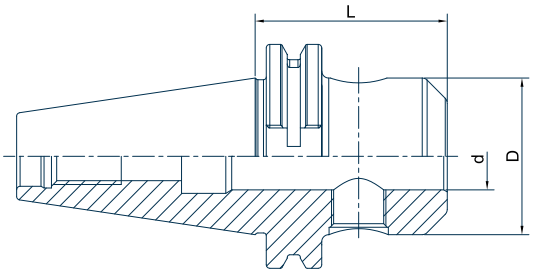


Обозначение	d	D	L
SK40-SLA06-50	6	25	50
SK40-SLA08-50	8	28	50
SK40-SLA10-50	10	35	50
SK40-SLA12-50	12	42	50
SK40-SLA14-50	14	44	50
SK40-SLA16-63	16	48	63
SK40-SLA18-63	18	50	63
SK40-SLA20-63	20	52	63
SK40-SLA25-100	25	65	100
SK40-SLA32-100	32	72	100
SK40-SLA40-120	40	80	120
SK40-SLA06-100	6	25	100
SK40-SLA08-100	8	28	100
SK40-SLA10-100	10	35	100
SK40-SLA12-100	12	42	100
SK40-SLA14-100	14	44	100
SK40-SLA16-100	16	48	100
SK40-SLA18-100	18	50	100
SK40-SLA20-100	20	52	100
SK40-SLA06-160	6	25	160
SK40-SLA08-160	8	28	160
SK40-SLA10-160	10	35	160
SK40-SLA12-160	12	42	160
SK40-SLA14-160	14	44	160
SK40-SLA16-160	16	48	160
SK40-SLA18-160	18	50	160
SK40-SLA20-160	20	52	160
SK40-SLA25-160	25	65	160
SK40-SLA32-160	32	72	160
SK40-SLA40-160	40	80	160

Патроны для концевых фрез с хвостовиком Weldon

	A ↗	G	
DIN6359/1835B	≤0.005	G6.3 G2.5	AD AD/B



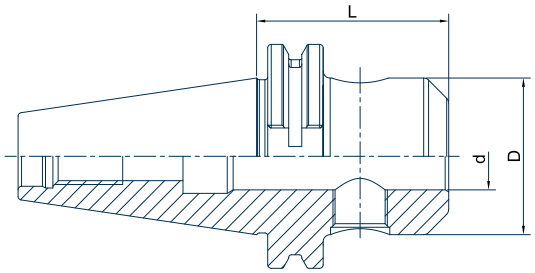


Обозначение	d	D	L
SK50-SLA06-63	6	25	63
SK50-SLA08-63	8	28	63
SK50-SLA10-63	10	35	63
SK50-SLA12-63	12	42	63
SK50-SLA14-63	14	44	63
SK50-SLA16-63	16	48	63
SK50-SLA18-63	18	50	63
SK50-SLA20-63	20	52	63
SK50-SLA25-80	25	65	80
SK50-SLA32-100	32	72	100
SK50-SLA40-100	40	80	100
SK50-SLA50-120	50	100	120
SK50-SLA06-100	6	25	100
SK50-SLA08-100	8	28	100
SK50-SLA10-100	10	35	100
SK50-SLA12-100	12	42	100
SK50-SLA14-100	14	44	100
SK50-SLA16-100	16	48	100
SK50-SLA18-100	18	50	100
SK50-SLA20-100	20	52	100
SK50-SLA25-120	25	65	120

Патроны для концевых фрез с хвостовиком Weldon

	A ↗	G	
DIN6359/1835B	≤0.005	G6.3 G2.5	AD AD/B



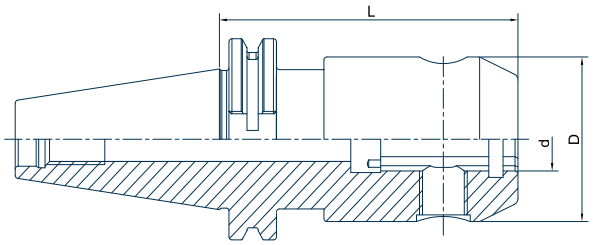


Обозначение	d	D	L
SK50-SLA06-160	6	25	160
SK50-SLA08-160	8	28	160
SK50-SLA10-160	10	35	160
SK50-SLA12-160	12	42	160
SK50-SLA14-160	14	44	160
SK50-SLA16-160	16	48	160
SK50-SLA18-160	18	50	160
SK50-SLA20-160	20	52	160
SK50-SLA25-160	25	65	160
SK50-SLA32-160	32	72	160
SK50-SLA40-160	40	80	160

Патроны для концевых фрез с хвостовиком Weldon, с каналами для подвода СОЖ

	A ↗	G	
DIN6359/1835B	≤0.005	G6.3 G2.5	AD AD/B



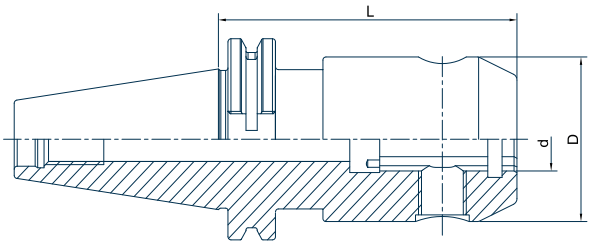


Обозначение	d	D	L
SK40-SLA06-50K	6	25	50
SK40-SLA08-50K	8	28	50
SK40-SLA10-50K	10	35	50
SK40-SLA12-50K	12	42	50
SK40-SLA14-50K	14	44	50
SK40-SLA16-63K	16	48	63
SK40-SLA18-63K	18	50	63
SK40-SLA20-63K	20	52	63
SK40-SLA25-100K	25	65	100
SK40-SLA32-100K	32	72	100
SK40-SLA40-120K	40	80	120
SK40-SLA06-100K	6	25	100
SK40-SLA08-100K	8	28	100
SK40-SLA10-100K	10	35	100
SK40-SLA12-100K	12	42	100
SK40-SLA14-100K	14	44	100
SK40-SLA16-100K	16	48	100
SK40-SLA18-100K	18	50	100
SK40-SLA20-100K	20	52	100

Патроны для концевых фрез с хвостовиком Weldon, с каналами для подвода СОЖ

	A ↗	G	
DIN6359/1835B	≤0.005	G6.3 G2.5	AD AD/B



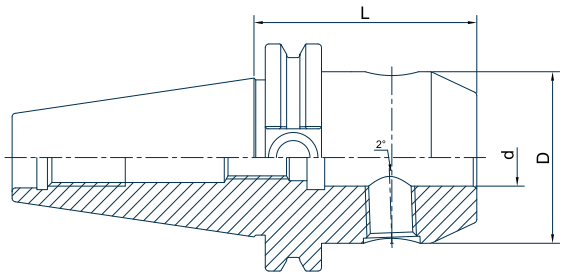


Обозначение	d	D	L
SK50-SLA06-63K	6	25	63
SK50-SLA08-63K	8	28	63
SK50-SLA10-63K	10	35	63
SK50-SLA12-63K	12	42	63
SK50-SLA16-63K	16	48	63
SK50-SLA18-63K	18	50	63
SK50-SLA20-63K	20	52	63
SK50-SLA25-80K	25	65	80
SK50-SLA32-100K	32	72	100
SK50-SLA40-100K	40	80	100
SK50-SLA06-100K	6	25	100
SK50-SLA08-100K	8	28	100
SK50-SLA10-100K	10	35	100
SK50-SLA12-100K	12	42	100
SK50-SLA14-100K	14	44	100
SK50-SLA16-100K	16	48	100
SK50-SLA18-100K	18	50	100
SK50-SLA20-100K	20	52	100
SK50-SLA25-120K	25	65	120

Патроны для концевых фрез с хвостовиком с наклонной лыской Whistle Notch

	A ↗	G	
DIN6359/1835B	≤0.005	G6.3 G2.5	AD AD/B



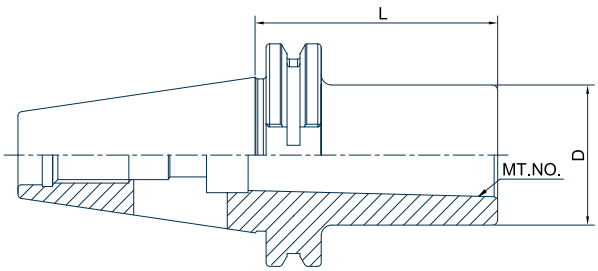


Обозначение	d	D	L
SK40-SLB06-50	6	25	50
SK40-SLB08-50	8	28	50
SK40-SLB10-50	10	35	50
SK40-SLB12-50	12	42	50
SK40-SLB14-50	14	44	50
SK40-SLB16-63	16	48	63
SK40-SLB18-63	18	50	63
SK40-SLB20-63	20	52	63
SK40-SLB25-100	25	65	100
SK40-SLB32-100	32	72	100
SK40-SLB40-120	40	80	120
SK50-SLB06-63	6	25	63
SK50-SLB08-63	8	28	63
SK50-SLB10-63	10	35	63
SK50-SLB12-63	12	42	63
SK50-SLB14-63	14	44	63
SK50-SLB16-63	16	48	63
SK50-SLB18-63	18	50	63
SK50-SLB20-63	20	52	63
SK50-SLB25-80	25	65	80
SK50-SLB32-100	32	72	100
SK50-SLB40-100	40	80	100
SK50-SLB50-125	50	100	125

Патроны для хвостовика с конусом Морзе с лапкой

	A ↗	G	
DIN6383	≤0.005	G6.5	AD



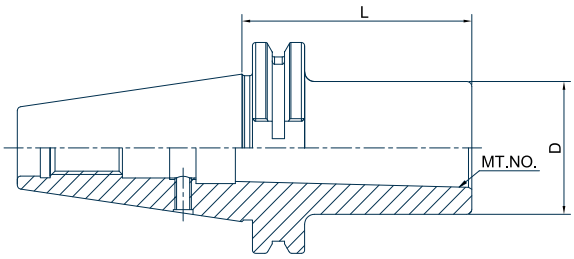


Обозначение	MT. NO.	D	L
SK30-MTA1-50	1	25	50
SK30-MTA2-60	2	32	60
SK30-MTA3-80	3	40	80
SK40-MTA1-50	1	25	50
SK40-MTA2-50	2	32	50
SK40-MTA3-70	3	40	70
SK40-MTA4-95	4	48	95
SK50-MTA1-45	1	25	45
SK50-MTA2-60	2	32	60
SK50-MTA3-65	3	40	65
SK50-MTA4-95	4	48	95
SK50-MTA5-105	5	63	105

Патроны для хвостовика с конусом Морзе

	A ↗	G	
DIN6364	≤0.005	G6.3	A



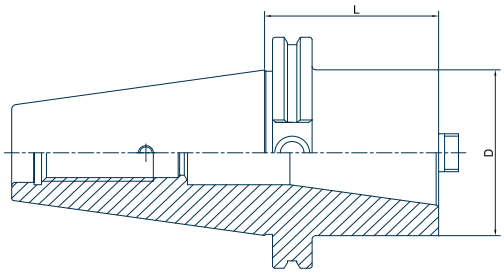


Обозначение	MT. NO.	D	L
SK40-MTB1-50	1	25	50
SK40-MTB2-50	2	32	50
SK40-MTB3-70	3	40	70
SK40-MTB4-95	4	48	95
SK50-MTB1-45	1	25	45
SK50-MTB2-60	2	32	60
SK50-MTB3-65	3	40	65
SK50-MTB4-70	4	48	70
SK50-MTB5-100	5	63	100

Патроны переходноые с конуса SK на конус SK

A ↗	G	
≤0.005	G6.3	A



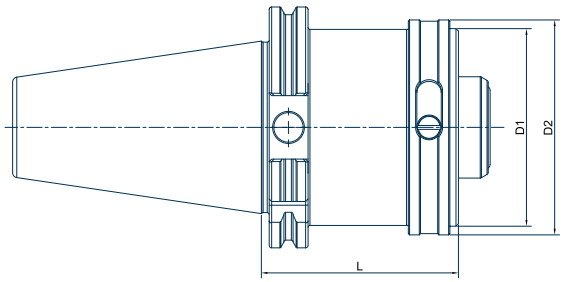


Обозначение	L	D
SK40-SK30-50	50	50
SK40-SK40-100	100	63
SK50-SK40-70	70	70
SK50-SK50-120	120	97

Патроны переходноые с конуса SK на конус HSK

A ↗	G	
≤0.005	G6.3	A



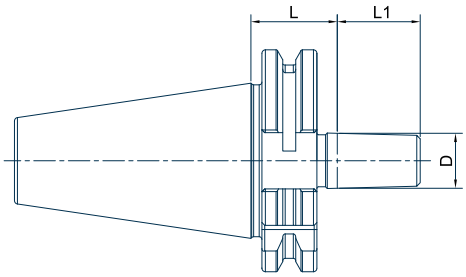


Обозначение	D1	D2	L
SK30-HSK32C-40	32	37	40
SK30-HSK40C-60	40	45	60
SK40-HSK32C-40	32	37	40
SK40-HSK40C-40	40	45	40
SK40-HSK50C-60	50	55	60
SK40-HSK63C-75	63	70	75
SK50-HSK32C-40	32	37	40
SK50-HSK40C-40	40	45	40
SK50-HSK50C-40	50	55	40
SK50-HSK63C-40	63	70	40
SK50-HSK80C-80	80	87	80
SK50-HSK100C-95	100	110	95

Оправки для сверлильного патрона

	A ↗	G	
DIN238	≤0.005	G6.3	A



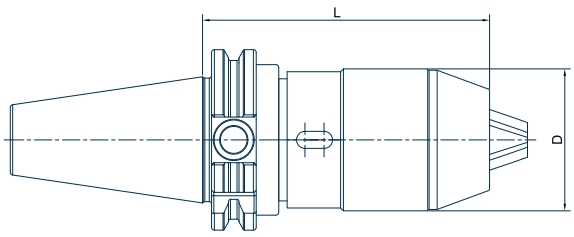


Обозначение	D	L1	L
SK30-B12	B12	18.5	25
SK30-B16	B16	24	25
SK40-B12	B12	18.5	25
SK40-B16	B16	24	25
SK40-B18	B18	32	25
SK50-B12	B12	18.5	25
SK50-B16	B16	24	25
SK50-B18	B18	32	25

Сверлильные трехкулачковые патроны, тип APU

A ↗	
≤0.08	A



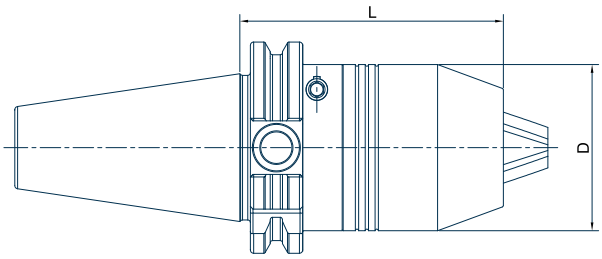


Обозначение	D	L	l	Диапазон
SK30-APU8-80	38	80	85	1-8
SK30-APU13-120	48	120	130	1-13
SK30-APU16-130	53	130	140.6	3-16
SK40-APU08-85	38	85	90	1-8
SK40-APU13-100	48	100	110	1-13
SK40-APU16-110	53	110	120.6	3-16
SK50-APU8-75	38	75	80	1-8
SK50-APU13-100	48	100	110	1-13
SK50-APU16-100	53	100	110.6	3-16

Прецизионные сверлильные патроны

A ↗	G	
≤0.03	G6.3	AD

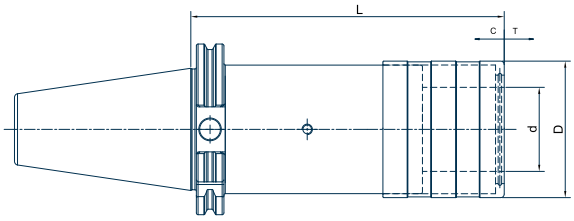




Обозначение	D	D1	L	L1	Диапазон
SK40-CPU10-80	38	50	80	28.9	1-10
SK40-CPU13-90	50	-	90	-	1-13
SK40-CPU16-90	50	-	90	-	1-16
SK50-CPU13-100	50	-	100	-	1-13
SK50-CPU16-100	50	-	100	-	1-16

Быстросменные резьбонарезные патроны с осевой компенсацией



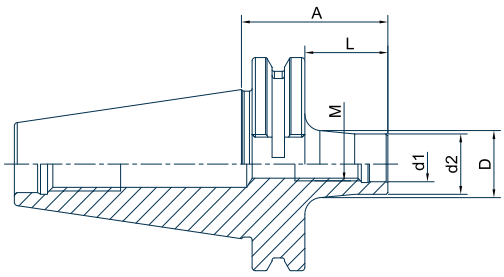


Обозначение	Втулка	D	d	L	T	C
SK30-TC312-65	1	36	19	65	7.5	7.5
SK30-TC820-99	2	54	31	99	12.5	12.5
SK40-TC312-59	1	36	19	59	7.5	7.5
SK40-TC820-97	2	54	31	97	12.5	12.5
SK40-TC1433-156	3	78	48	156	22	22
SK50-TC312-63	1	36	19	63	7.5	7.5
SK50-TC820-97	2	54	31	97	12.5	12.5
SK50-TC1433-140	3	78	48	140	22	22

Патроны для сменных фрезерных головок

A ↗	G	
≤0.005	G6.3	AD AD/B



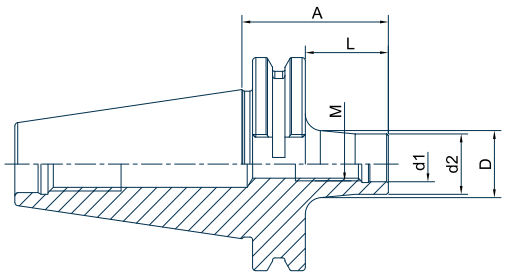


Обозначение	M	d1	d2	A	L	D
SK40-SOM08-44 L=25	M8	8.5	14.5	44	25	15
SK40-SOM08-69 L=50	M8	8.5	14.5	69	50	23
SK40-SOM08-94 L=75	M8	8.5	14.5	94	75	23
SK40-SOM08-119 L=100	M8	8.5	14.5	119	100	25
SK40-SOM10-24 L=5	M10	10.5	18	24	5	18
SK40-SOM10-44 L=25	M10	10.5	18	44	25	20
SK40-SOM10-69 L=50	M10	10.5	18	69	50	23
SK40-SOM10-94 L=75	M10	10.5	18	94	75	28
SK40-SOM10-119 L=100	M10	10.5	18	119	100	32
SK40-SOM10-169 L=150	M10	10.5	18	169	150	36.5
SK40-SOM12-24 L=5	M12	12.5	21	24	5	21
SK40-SOM12-44 L=25	M12	12.5	21	44	25	24
SK40-SOM12-69 L=50	M12	12.5	21	69	50	24
SK40-SOM12-94 L=75	M12	12.5	21	94	75	31
SK40-SOM12-119 L=100	M12	12.5	21	119	100	33
SK40-SOM12-144 L=125	M12	12.5	21	144	125	36
SK40-SOM12-169 L=150	M12	12.5	21	169	150	40
SK40-SOM16-24 L=5	M16	17	29	24	5	29
SK40-SOM16-44 L=25	M16	17	29	44	25	29
SK40-SOM16-69 L=50	M16	17	29	69	50	34
SK40-SOM16-94 L=75	M16	17	29	94	75	34
SK40-SOM16-119 L=100	M16	17	29	119	100	36
SK40-SOM16-144 L=125	M16	17	29	144	125	40
SK40-SOM16-169 L=150	M16	17	29	169	150	42.5

Патроны для сменных фрезерных головок

A ↗	G	
≤0.005	G6.3	AD AD/B



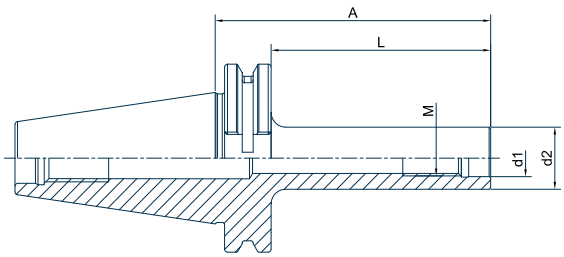


Обозначение	M	d1	d2	A	L	D
SK50-SOM08-69 L=50	M8	8.5	14.5	69	50	23
SK50-SOM08-119 L=100	M8	8.5	14.5	119	100	25
SK50-SOM08-169 L=150	M8	8.5	14.5	169	150	30
SK50-SOM10-69 L=50	M10	10.5	18	69	50	23
SK50-SOM10-119 L=100	M10	10.5	18	119	100	32
SK50-SOM10-169 L=150	M10	10.5	18	169	150	36.5
SK50-SOM12-69 L=50	M12	12.5	21	69	50	24
SK50-SOM12-119 L=100	M12	12.5	21	119	100	33
SK50-SOM12-169 L=150	M12	12.5	21	169	150	40
SK50-SOM16-69 L=50	M16	17	29	69	50	34
SK50-SOM16-119 L=100	M16	17	29	119	100	36
SK50-SOM16-169 L=150	M16	17	29	169	150	42.5

Патроны для сменных фрезерных головок

A ↗	G	
≤0.005	G6.3	AD AD/B



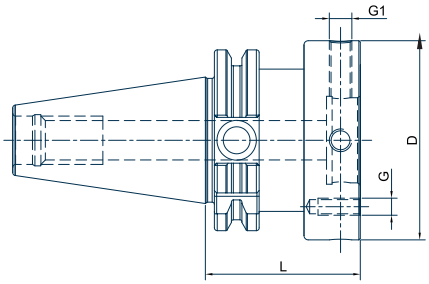


Обозначение	M	d1	d2	A	L
SK40-M10-119 L=100	M10	10.5	18	119	100
SK40-M10-169 L=150	M10	10.5	18	169	150
SK40-M12-119 L=100	M12	12.5	21	119	100
SK40-M12-144 L=125	M12	12.5	21	144	125
SK40-M12-169 L=150	M12	12.5	21	169	150
SK40-M16-119 L=100	M16	17	29	119	100
SK40-M16-144 L=125	M16	17	29	144	125
SK40-M16-169 L=150	M16	17	29	169	150
SK50-M10-119 L=100	M10	10.5	18	119	100
SK50-M10-169 L=150	M10	10.5	18	169	150
SK50-M12-119 L=100	M12	12.5	21	119	100
SK50-M12-169 L=150	M12	12.5	21	169	150
SK50-M16-119 L=100	M16	17	29	119	100
SK50-M16-169 L=150	M16	17	29	169	150

Базовые держатели с регулировкой биения

A ↗	G	
≤0.002	G6.3 G2.5	AD



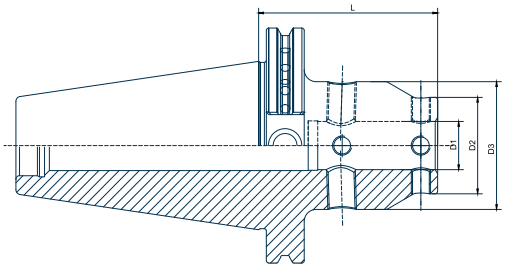


Обозначение	SK	D	L	G	G1
SK30-MOD060-050	60	60	50	M5	M8x1
SK30-MOD070-050	70	70	50	M6	M8x1
SK40-MOD060-050	60	60	50	M5	M8x1
SK40-MOD070-050	70	70	50	M6	M8x1
SK40-MOD080-055	80	80	55	M6	M8x1
SK40-MOD100-060	100	100	60	M8	M10x1
SK50-MOD060-050	60	60	50	M5	M8x1
SK50-MOD070-050	70	70	50	M6	M8x1
SK50-MOD080-050	80	80	50	M6	M8x1
SK50-MOD100-060	100	100	60	M8	M10x1
SK50-MOD117-060	117	117	60	M8	M10x1
SK50-MOD140-060	140	140	60	M10	M10x1

Регулируемые комбинированные патроны, тип UM

A ↗	G	
≤0.003	G6.3 G2.5	AD AD/B

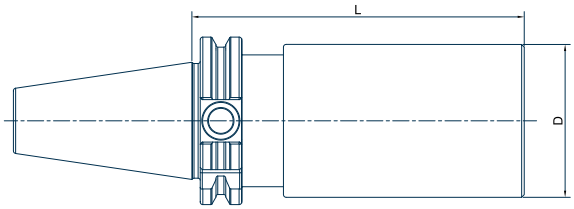




Обозначение	D1	D2	D3	L
SK40-UM12-65	12	28	44.5	65
SK40-UM16-65	16	32	48	65
SK40-UM20-85	20	40	53	85
SK40-UM25-100	25	48	63	100
SK40-UM32-105	32	52	63	105
SK50-UM12-65	12	28	44.5	65
SK50-UM16-65	16	32	48	65
SK50-UM20-75	20	40	53	75
SK50-UM25-85	25	48	63	85
SK50-UM32-90	32	52	63	90

Заготовки для оправок





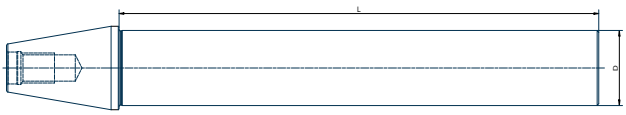
Обозначение	D	L
SK30-D50-200	50	200
SK40-D50-200	50	200
SK40-D50-250	50	250
SK40-D63-250	63	250
SK50-D100-160	100	160
SK50-D100-250	100	250

Другие размеры можно заказать по запросу

Тестовые оправки

A ↗
≤0.002

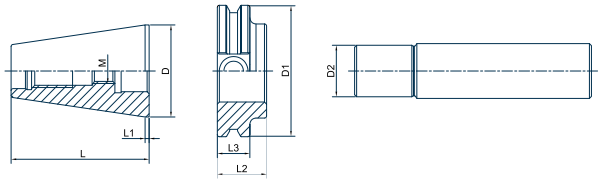




Обозначение	D	L
SK30-32-250	32	250
SK40-40-300	40	300
SK50-50-300	50	300

Оправки для настройки захвата МАСИ (механизм автоматической смены инструмента)



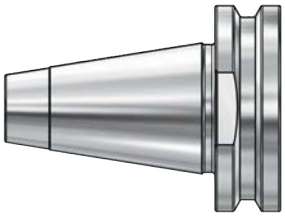


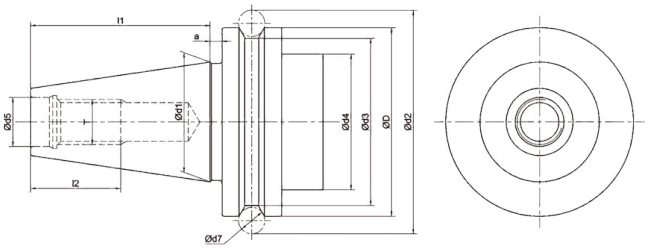
Обозначение	D	D1	D2	L	L1	L2	L3	M
SK30-ATC-18D	31.75	50	18	51	3.2	3.2	15.9	M12
SK40-ATC-20D	44.45	63.55	20	71.6	3.2	3.2	15.9	M12
SK50-ATC-28D	69.85	97.5	28	104.95	3.2	3.2	15.9	M16

Применение:
1) Установите конус в шпиндель станка
2) Установите фланец на захват МАСИ
3) Вставьте штифт во фланец
4) Отрегулируйте захват МАСИ и убедитесь, что передняя часть штифта полностью вошла во фланец

Система ISO

Стандартные параметры конуса ISO





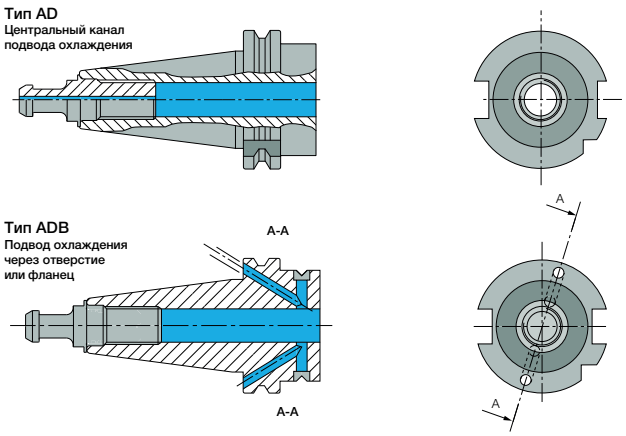
Обозначение	D	d1	d2	d3	d4	d5	d7	l1	l2
ISO30	50	31.75	59.3	44.3	45	13	7	47.8	24
ISO40	63.55	44.45	72.3	56.25	50	17	7	68.4	32

Материал: легирования закаленная сталь
Обработка поверхности: чернение и нанесение покрытия
Точность: <AT3
Твердость: HRC 58-62
Глубина углеродистого слоя: 0.8±0.2 мм
Шероховатость: Ra<0.005 мм
Балансировка: G2.5/25000
Охлаждение: AD

G	
G6.3 G2.5	AD AD/B

Данные пиктограммы означают следующее:
1. Класс балансировки G согласно ISO 1940-1:
Чёрным цветом – стандартное исполнение (класс балансировки G6.3 / 15000 об/мин)
Оранжевым цветом – исполнение под заказ (класс балансировки G2.5 / 25000 об/мин)

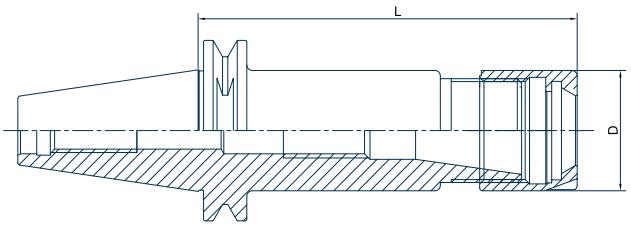
2. Подвод СОЖ/СОТС:
Чёрным цветом – стандартное исполнение (AD) – подача СОЖ через центральное отверстие
Оранжевым цветом – исполнение под заказ (AD/B) – подача СОЖ через отверстие или фланец



Цанговые патроны ER без шпоночных пазов

	A ↗	G	
DIN6499	≤0.003	G2.5	AD



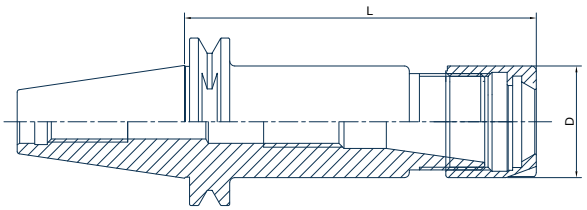


Обозначение	D	L	Диапазон
ISO25-ER25-35	42	35	2-16
ISO30-ER25-50	42	50	2-16
ISO30-ER32-50	50	50	2-20
ISO30-ER40-60	63	60	3-26

Цанговые патроны ER без шпоночных пазов

	A ↗	G	
DIN6499	≤0.003	G2.5	AD





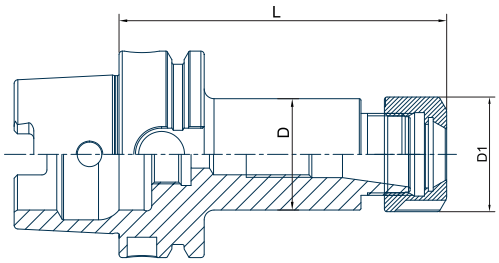
Обозначение	D	L	Диапазон
ISO10-ER11M-25	16	25	1-7
ISO20-ER20M-35	28	35	1-13
ISO25-ER20M-35	28	35	1-13
ISO30-ER25M-50	35	50	2-16

Система HSK-A

Цанговые патроны ER с гайкой UM

	A ↗	G	
DIN6499	≤0.003	G2.5	AD



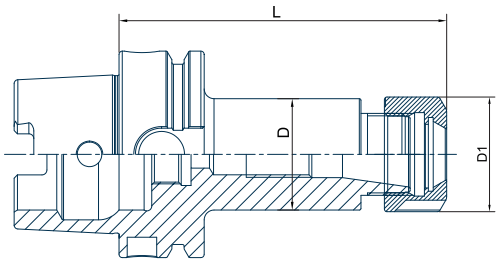


Обозначение	D	D1	L1	Диапазон
HSK32A-ER16UM-80	28	32	80	1-10
HSK32A-ER20UM-80	34	35	80	1-13
HSK32A-ER25-80	42	42	80	2-16
HSK32A-ER32-50	50	50	50	3-20
HSK40A-ER16UM-80	28	32	80	1-10
HSK40A-ER20UM-80	34	35	80	1-13
HSK40A-ER25-80	42	42	80	2-16
HSK40A-ER32-80	50	50	80	3-20
HSK50A-ER16UM-80	28	32	80	1-10
HSK50A-ER20UM-80	34	35	80	1-13
HSK50A-ER25-80	42	42	80	2-16
HSK50A-ER32-100	50	50	100	3-20
HSK63A-ER16UM-75	28	32	75	1-10
HSK63A-ER20UM-75	34	35	75	1-13
HSK63A-ER25-75	42	42	75	2-16
HSK63A-ER32-75	50	50	75	3-20
HSK63A-ER40-80	50	63	80	4-26
HSK63A-ER16UM-100	28	32	100	1-10
HSK63A-ER20UM-100	34	35	100	1-13
HSK63A-ER25-100	42	42	100	2-16
HSK63A-ER32-100	50	50	100	3-20
HSK63A-ER40-100	50	63	100	4-26
HSK63A-ER16UM-120	28	32	120	1-10
HSK63A-ER20UM-120	34	35	120	1-13
HSK63A-ER25-120	42	42	120	2-16
HSK63A-ER32-120	50	50	120	3-20
HSK63A-ER40-120	50	63	120	4-26

Цанговые патроны ER с гайкой UM

	A ↗	G	
DIN6499	≤0.003	G2.5	AD





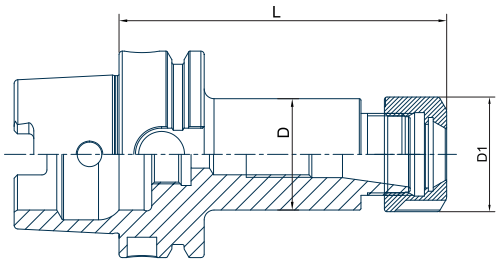
Обозначение	D	D1	L1	Диапазон
HSK63A-ER16UM-160T	28	32	160	1-10
HSK63A-ER20UM-160	34	35	160	1-13
HSK63A-ER25-160	42	42	160	2-16
HSK63A-ER32-160	50	50	160	3-20
HSK63A-ER40-160	50	63	160	4-26
HSK63A-ER16UM-200T	28	32	200	1-10
HSK63A-ER20UM-200	34	35	200	1-13
HSK63A-ER25-200	42	42	200	2-16
HSK63A-ER32-200	50	50	200	3-20
HSK63A-ER40-200	50	63	200	4-26
HSK80A-ER16UM-100	28	32	100	1-10
HSK80A-ER20UM-100	34	35	100	1-13
HSK80A-ER25-100	42	42	100	2-16
HSK80A-ER32-100	50	50	100	3-20
HSK80A-ER40-120	50	63	120	4-26
HSK100A-ER16UM-100	28	32	100	1-10
HSK100A-ER20UM-100	34	35	100	1-13
HSK100A-ER25-100	42	42	100	2-16
HSK100A-ER32-100	50	50	100	3-20
HSK100A-ER40-100	63	63	100	4-26

T – со стороны режущей части конусное исполнение

Цанговые патроны ER с гайкой UM

	A ↗	G	
DIN6499	≤0.003	G2.5	AD





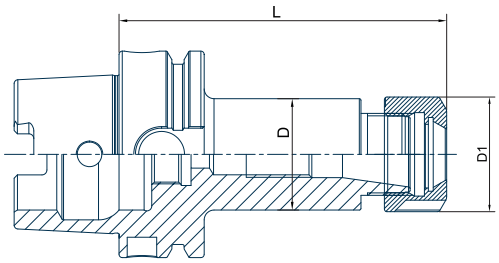
Обозначение	D	D1	L1	Диапазон
HSK100A-ER50-120	100	78	120	6-34
HSK100A-ER16UM-120T	28	32	120	1-10
HSK100A-ER20UM-120	34	35	120	1-13
HSK100A-ER25-120	42	42	120	2-16
HSK100A-ER32-120	50	50	120	3-20
HSK100A-ER40-120	63	63	120	4-26
HSK100A-ER16UM-160T	28	32	160	1-10
HSK100A-ER20UM-160	34	35	160	1-13
HSK100A-ER25-160	42	42	160	2-16
HSK100A-ER32-160	50	50	160	3-20
HSK100A-ER40-160	63	63	160	4-26
HSK100A-ER16UM-200T	28	32	200	1-10
HSK100A-ER20UM-200	34	35	200	1-13
HSK100A-ER25-200	42	42	200	2-16
HSK100A-ER32-200	50	50	200	3-20
HSK100A-ER40-200	63	63	200	4-26
HSK100A-ER25-250	42	42	250	2-16
HSK100A-ER32-250	50	50	250	3-20
HSK100A-ER40-250	63	63	250	4-26
HSK100A-ER25-300	42	42	300	2-16
HSK100A-ER32-300	50	50	300	3-20
HSK100A-ER40-300	63	63	300	4-26

T – со стороны режущей части конусное исполнение

Цанговые патроны ER с гайкой HEX

	A ↗	G	
DIN6499	≤0.003	G2.5	AD





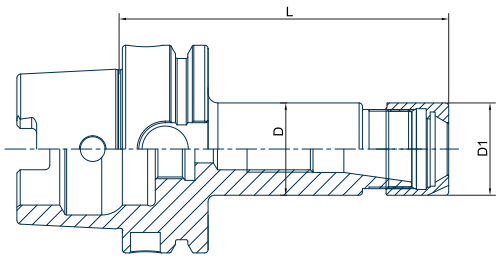
Обозначение	D	D1	L1	Диапазон
HSK32A-ER16A-80	28	28	80	1-10
HSK32A-ER20A-80	34	34	80	1-13
HSK40A-ER16A-80	28	28	80	1-10
HSK40A-ER20A-80	34	34	80	1-13
HSK50A-ER16A-80	28	28	80	1-10
HSK50A-ER20A-80	34	34	80	1-13
HSK63A-ER16A-75	28	28	75	1-10
HSK63A-ER20A-75	34	34	75	1-13
HSK63A-ER16A-100	28	28	100	1-10
HSK63A-ER20A-100	34	34	100	1-13
HSK63A-ER16A-120	28	28	120	1-10
HSK63A-ER20A-120	34	34	120	1-13
HSK63A-ER16A-160T	28	28	160	1-10
HSK63A-ER20A-160	34	34	160	1-13
HSK63A-ER16A-200T	28	28	200	1-10
HSK63A-ER20A-200	34	34	200	1-13
HSK80A-ER16A-100	28	28	100	1-10
HSK80A-ER20A-100	34	34	100	1-13
HSK100A-ER16A-100	28	28	100	1-10
HSK100A-ER20A-100	34	34	100	1-13
HSK100A-ER16A-120T	28	28	120	1-10
HSK100A-ER20A-120	34	34	120	1-13
HSK100A-ER16A-160T	28	28	160	1-10
HSK100A-ER20A-160	34	34	160	1-13
HSK100A-ER16A-200T	28	28	200	1-10
HSK100A-ER20A-200	34	34	200	1-13

T – со стороны режущей части конусное исполнение

Цанговые патроны ER с гайкой Mini

	A ↗	G	
DIN6499	≤0.003	G2.5	AD



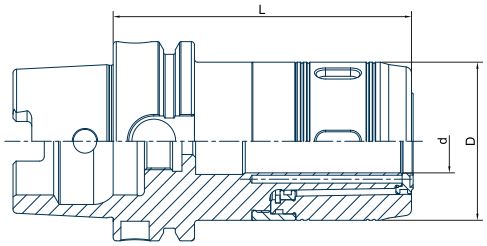


Обозначение	D	D1	L1	Диапазон
HSK32A-ER11M-50	16	16	50	1-7
HSK32A-ER16M-50	22	22	50	1-10
HSK32A-ER20M-50	28	28	50	1-13
HSK40A-ER11M-40	16	16	40	1-7
HSK40A-ER16M-60	22	22	60	1-10
HSK40A-ER20M-60	28	28	60	1-13
HSK50A-ER11M-60	16	16	60	1-7
HSK50A-ER16M-60	22	22	60	1-10
HSK50A-ER20M-60	28	28	60	1-13
HSK63A-ER11M-100	16	16	100	1-7
HSK63A-ER16M-100	22	22	100	1-10
HSK63A-ER20M-100	28	28	100	1-13
HSK63A-ER25M-100	35	35	100	2-16
HSK63A-ER11M-160T	16	16	160	1-7
HSK63A-ER16M-160T	22	22	160	1-10
HSK63A-ER20M-160	28	28	160	1-13
HSK63A-ER25M-160	35	35	160	2-16
HSK100A-ER16M-100	22	22	100	1-10
HSK100A-ER20M-100	28	28	100	1-13
HSK100A-ER25M-100	35	35	100	2-16
HSK100A-ER16M-160T	22	22	160	1-10
HSK100A-ER20M-160	28	28	160	1-13
HSK100A-ER25M-160	35	35	160	2-16

Силовые фрезерные патроны

A ↗	G	
≤0.008	G2.5	AD



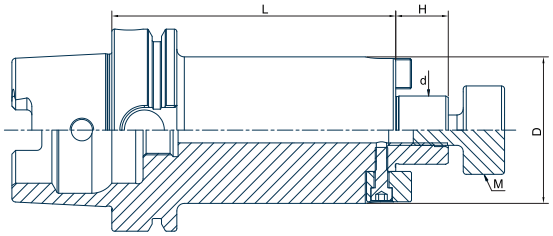


Обозначение	d	D	L	Диапазон
HSK63A-HC20-100	20	50	100	3-16; 20
HSK63A-HC25-100	25	59	100	3-20; 25
HSK63A-HC32-120	32	72	120	3-25; 32
HSK100A-HC20-105	20	50	105	3-16; 20
HSK100A-HC25-105	25	59	105	3-20; 25
HSK100A-HC32-120	32	72	120	3-25; 32
HSK100A-HC32-165	32	72	165	3-25; 32
HSK100A-HC32-200	32	72	200	3-25; 32

Оправки для торцевых фрез

	A ↗	G	
DIN6357	≤0.005	G2.5	AD



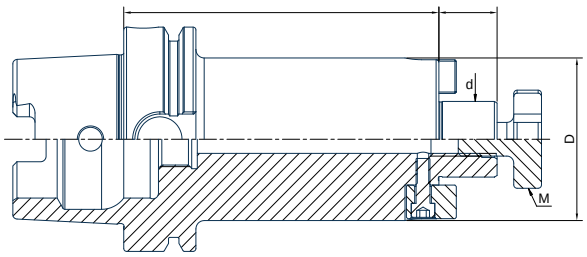


Обозначение	d	D	H	L	M
HSK50A-FMB16-50	16	38	17	50	M8
HSK50A-FMB22-60	22	48	19	60	M10
HSK50A-FMB27-60	27	58	21	60	M12
HSK50A-FMB32-60	32	78	24	60	M16
HSK63A-FMB16-50	16	38	17	50	M8
HSK63A-FMB22-50	22	48	19	50	M10
HSK63A-FMB27-60	27	58	21	60	M12
HSK63A-FMB32-60	32	78	24	60	M16
HSK63A-FMB40-60	40	88	27	60	M20
HSK63A-FMB16-100	16	38	17	100	M8
HSK63A-FMB22-100	22	48	19	100	M10
HSK63A-FMB27-100	27	58	21	100	M12
HSK63A-FMB32-100	32	78	24	100	M16
HSK63A-FMB40-100	40	88	27	100	M20
HSK63A-FMB16-160	16	38	17	160	M8
HSK63A-FMB22-160	22	48	19	160	M10
HSK63A-FMB27-160	27	58	21	160	M12
HSK63A-FMB32-160	32	78	24	160	M16
HSK63A-FMB40-160	40	88	27	160	M20
HSK63A-FMB16-200	16	38	17	200	M8
HSK63A-FMB22-200	22	48	19	200	M10
HSK63A-FMB27-200	27	58	21	200	M12
HSK63A-FMB32-200	32	78	24	200	M16
HSK63A-FMB40-200	40	88	27	200	M20
HSK80A-FMB22-50	22	48	19	50	M10
HSK80A-FMB27-50	27	58	21	50	M12
HSK80A-FMB32-60	32	78	24	60	M16
HSK80A-FMB40-60	40	88	27	60	M20

Оправки для торцевых фрез

	A ↗	G	
DIN6357	≤0.003	G2.5	AD



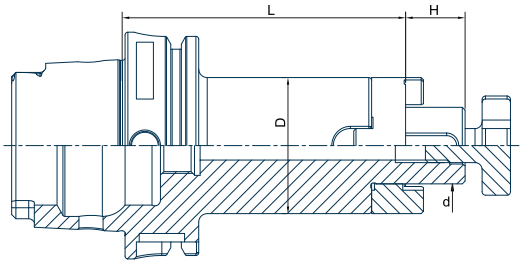


Обозначение	d	D	H	L	M
HSK100A-FMB22-50	22	48	19	50	M10
HSK100A-FMB27-50	27	58	21	50	M12
HSK100A-FMB32-60	32	78	24	60	M16
HSK100A-FMB40-60	40	88	27	60	M20
HSK100A-FMB60-70	60	129	25	70	M30
HSK100A-FMB22-100	22	48	19	100	M10
HSK100A-FMB27-100	27	58	21	100	M12
HSK100A-FMB32-100	32	78	24	100	M16
HSK100A-FMB40-100	40	88	27	100	M20
HSK100A-FMB22-160	22	48	19	160	M10
HSK100A-FMB27-160	27	58	21	160	M12
HSK100A-FMB32-160	32	78	24	160	M16
HSK100A-FMB40-160	40	88	27	160	M20
HSK100A-FMB22-200	22	48	19	200	M10
HSK100A-FMB27-200	27	58	21	200	M12
HSK100A-FMB32-200	32	78	24	200	M16
HSK100A-FMB40-200	40	88	27	200	M20
HSK100A-FMB22-250	22	48	19	250	M10
HSK100A-FMB27-250	27	58	21	250	M12
HSK100A-FMB32-250	32	78	24	250	M16
HSK100A-FMB40-250	40	88	27	250	M20
HSK100A-FMB22-300	22	48	19	300	M10
HSK100A-FMB27-300	27	58	21	300	M12
HSK100A-FMB32-300	32	78	24	300	M16
HSK100A-FMB40-300	40	88	27	300	M20

Комбинированные оправки для насадных фрез

	A ↗	G	
DIN6358	≤0.005	G2.5	AD



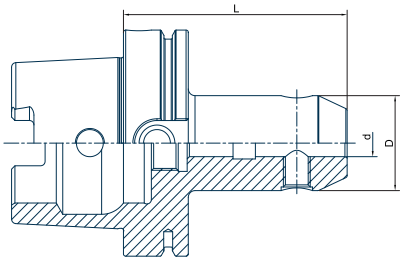


Обозначение	d	D	L	L1
HSK50A-SEMC16-50	16	32	50	17
HSK50A-SEMC22-50	22	40	50	19
HSK50A-SEMC27-65	27	48	65	21
HSK50A-SEMC32-65	32	58	65	24
HSK63A-SEMC16-60	16	32	60	17
HSK63A-SEMC22-60	22	40	60	19
HSK63A-SEMC27-60	27	48	60	21
HSK63A-SEMC32-60	32	58	60	24
HSK63A-SEMC40-70	40	70	70	27
HSK63A-SEMC16-100	16	32	100	17
HSK63A-SEMC22-100	22	40	100	19
HSK63A-SEMC27-100	27	48	100	21
HSK63A-SEMC32-100	32	58	100	24
HSK80A-SEMC16-60	16	32	60	17
HSK80A-SEMC22-60	22	40	60	19
HSK80A-SEMC27-60	27	48	60	21
HSK80A-SEMC32-60	32	58	60	24
HSK80A-SEMC40-70	40	70	70	27
HSK100A-SEMC16-60	16	32	60	17
HSK100A-SEMC22-60	22	40	60	19
HSK100A-SEMC27-60	27	48	60	21
HSK100A-SEMC32-60	32	58	60	24
HSK100A-SEMC40-70	40	70	70	27

Патроны для концевых фрез с хвостовиком Weldon

	A ↗	G	
DIN6359/1835B	≤0.005	G2.5	AD



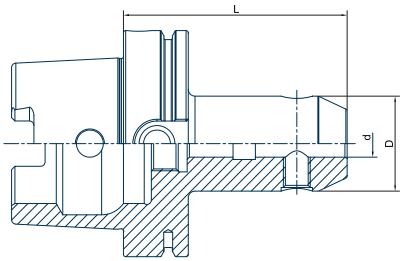


Обозначение	d	D	L
HSK50A-SLA06-65	6	25	65
HSK50A-SLA08-65	8	28	65
HSK50A-SLA10-65	10	35	65
HSK50A-SLA12-80	12	42	80
HSK50A-SLA14-80	14	44	80
HSK50A-SLA16-80	16	48	80
HSK50A-SLA18-80	18	50	80
HSK50A-SLA20-80	20	52	80
HSK50A-SLA25-110	25	60	110
HSK50A-SLA32-110	32	60	110

Патроны для концевых фрез с хвостовиком Weldon

	A ↗	G	
DIN6359/1835B	≤0.005	G2.5	AD



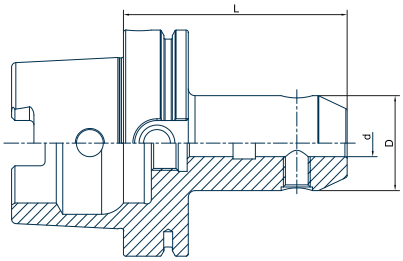


Обозначение	d	D	L
HSK63A-SLA06-65	6	25	65
HSK63A-SLA08-65	8	28	65
HSK63A-SLA10-65	10	35	65
HSK63A-SLA12-80	12	42	80
HSK63A-SLA14-80	14	44	80
HSK63A-SLA16-80	16	48	80
HSK63A-SLA20-80	20	52	80
HSK63A-SLA25-110	25	65	110
HSK63A-SLA32-110	32	72	110
HSK63A-SLA40-125	40	80	125
HSK63A-SLA06-100	6	25	100
HSK63A-SLA08-100	8	28	100
HSK63A-SLA10-100	10	35	100
HSK63A-SLA14-100	14	44	100
HSK63A-SLA16-100	16	48	100
HSK63A-SLA18-100	18	50	100
HSK63A-SLA20-100	20	52	100
HSK63A-SLA06-160	6	25	160
HSK63A-SLA08-160	8	28	160
HSK63A-SLA10-160	10	35	160
HSK63A-SLA12-160	12	42	160
HSK63A-SLA14-160	14	44	160
HSK63A-SLA16-160	16	48	160
HSK63A-SLA18-160	18	50	160
HSK63A-SLA20-160	20	52	160
HSK63A-SLA25-160	25	65	160
HSK63A-SLA32-160	32	72	160

Патроны для концевых фрез с хвостовиком Weldon

	A ↗	G	
DIN6359/1835B	≤0.005	G2.5	AD



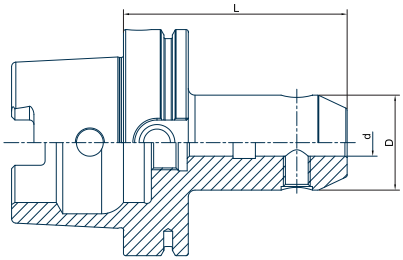


Обозначение	d	D	L
HSK80A-SLA06-80	6	25	80
HSK80A-SLA08-80	8	28	80
HSK80A-SLA10-80	10	35	80
HSK80A-SLA12-80	12	42	80
HSK80A-SLA14-80	14	44	80
HSK80A-SLA16-100	16	48	100
HSK80A-SLA18-100	18	50	100
HSK80A-SLA20-100	20	52	100
HSK80A-SLA25-100	25	65	100
HSK80A-SLA32-110	32	72	110
HSK80A-SLA40-120	40	80	120
HSK100A-SLA08-80	8	28	80
HSK100A-SLA10-80	10	35	80
HSK100A-SLA12-80	12	42	80
HSK100A-SLA14-80	14	44	80
HSK100A-SLA16-100	16	48	100
HSK100A-SLA18-100	18	50	100
HSK100A-SLA20-100	20	52	100
HSK100A-SLA25-100	25	65	100
HSK100A-SLA32-100	32	72	100
HSK100A-SLA40-105	40	80	105
HSK100A-SLA50-130	50	100	130

Патроны для концевых фрез с хвостовиком Weldon

	A ↗	G	
DIN6359/1835B	≤0.005	G2.5	AD



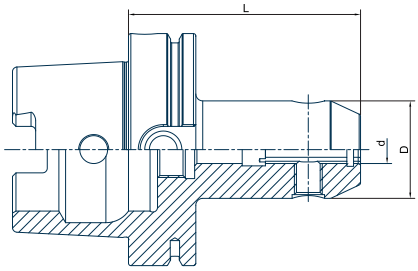


Обозначение	d	D	L
HSK100A-SLA08-160	8	28	160
HSK100A-SLA10-160	10	35	160
HSK100A-SLA12-160	12	42	160
HSK100A-SLA14-160	14	44	160
HSK100A-SLA16-160	16	48	160
HSK100A-SLA18-160	18	50	160
HSK100A-SLA20-160	20	52	160
HSK100A-SLA25-160	25	65	160
HSK100A-SLA32-160	32	72	160
HSK100A-SLA40-160	40	80	160

Патроны для концевых фрез с хвостовиком Weldon, с каналами для подвода СОЖ

	A ↗	G	
DIN6359/1835B	≤0.005	G2.5	AD



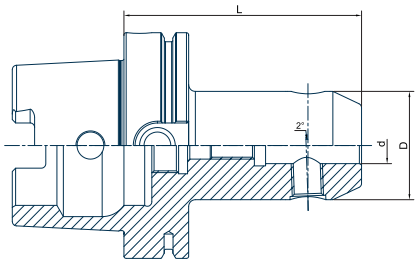


Обозначение	d	D	L
HSK63A-SLA06-65K	6	25	65
HSK63A-SLA08-65K	8	28	65
HSK63A-SLA10-65K	10	35	65
HSK63A-SLA12-80K	12	42	80
HSK63A-SLA14-80K	14	44	80
HSK63A-SLA16-80K	16	48	80
HSK63A-SLA18-80K	18	50	80
HSK63A-SLA20-80K	20	52	80
HSK63A-SLA25-110K	25	65	110
HSK63A-SLA32-110K	32	72	110
HSK63A-SLA40-125K	40	80	125
HSK100A-SLA06-80K	6	25	80
HSK100A-SLA08-80K	8	28	80
HSK100A-SLA10-80K	10	35	80
HSK100A-SLA12-80K	12	42	80
HSK100A-SLA14-80K	14	44	80
HSK100A-SLA16-100K	16	48	100
HSK100A-SLA18-100K	18	50	100
HSK100A-SLA20-100K	20	52	100
HSK100A-SLA25-100K	25	65	100
HSK100A-SLA32-100K	32	72	100
HSK100A-SLA40-105K	40	80	105

Патроны для концевых фрез с хвостовиком с наклонной лыской Whistle Notch

	A ↗	G	
DIN6359/1835B	≤0.005	G2.5	AD



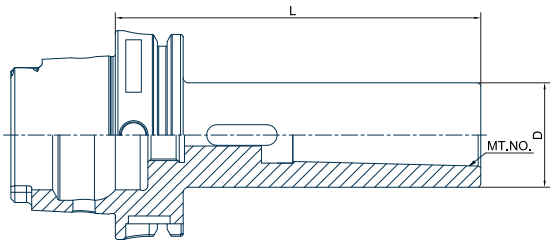


Обозначение	d	D	L
HSK63A-SLB06-80	6	25	80
HSK63A-SLB08-80	8	28	80
HSK63A-SLB10-80	10	35	80
HSK63A-SLB12-90	12	42	90
HSK63A-SLB14-90	14	44	90
HSK63A-SLB16-100	16	48	100
HSK63A-SLB18-100	18	50	100
HSK63A-SLB20-100	20	52	100
HSK63A-SLB25-110	25	65	110
HSK63A-SLB32-110	32	72	110
HSK63A-SLB40-125	40	80	125
HSK100A-SLB06-90	6	25	90
HSK100A-SLB08-90	8	28	90
HSK100A-SLB10-90	10	35	90
HSK100A-SLB12-100	12	42	100
HSK100A-SLB14-100	14	44	100
HSK100A-SLB16-100	16	48	100
HSK100A-SLB18-100	18	50	100
HSK100A-SLB20-110	20	52	110
HSK100A-SLB25-120	25	65	120
HSK100A-SLB32-120	32	72	120
HSK100A-SLB40-120	40	80	120

Патроны для хвостовика с конусом Морзе с лапкой

	A ↗	G	
DIN6383	≤0.005	G2.5	AD



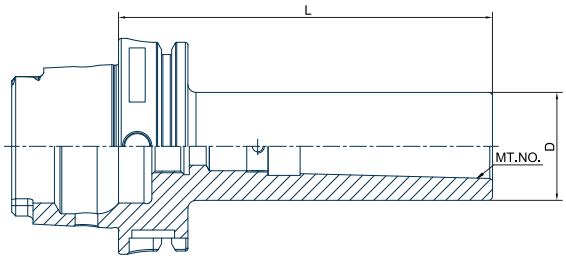


Обозначение	MT. NO.	D	L
HSK50A-MTA1-100	1	25	100
HSK50A-MTA2-120	2	32	120
HSK50A-MTA3-140	3	40	140
HSK63A-MTA1-100	1	25	100
HSK63A-MTA2-120	2	32	120
HSK63A-MTA3-140	3	40	140
HSK63A-MTA4-160	4	48	160
HSK80A-MTA1-110	1	25	110
HSK80A-MTA2-120	2	32	120
HSK80A-MTA3-140	3	40	140
HSK80A-MTA4-160	4	48	160
HSK100A-MTA1-110	1	25	110
HSK100A-MTA2-120	2	32	120
HSK100A-MTA3-150	3	40	150
HSK100A-MTA4-170	4	48	170
HSK100A-MTA5-200	5	63	200

Патроны для хвостовика с конусом Морзе

	A ↗	G	
DIN6364	≤0.005	G2.5	A



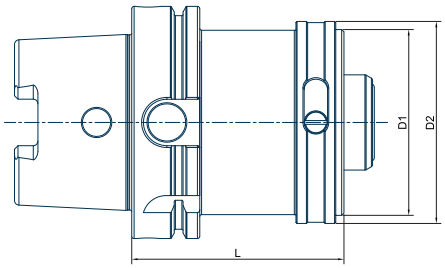


Обозначение	MT. NO.	D	L
HSK50A-MTB1-100	1	25	100
HSK50A-MTB2-120	2	32	120
HSK50A-MTB3-140	3	40	140
HSK63A-MTB1-100	1	25	100
HSK63A-MTB2-120	2	32	120
HSK63A-MTB3-140	3	40	140
HSK63A-MTB4-160	4	48	160
HSK80A-MTB1-110	1	25	110
HSK80A-MTB2-120	2	32	120
HSK80A-MTB3-150	3	40	150
HSK80A-MTB4-170	4	48	170
HSK100A-MTB1-110	1	25	110
HSK100A-MTB2-120	2	32	120
HSK100A-MTB3-150	3	40	150
HSK100A-MTB4-170	4	48	170
HSK100A-MTB5-200	5	63	200

Патроны переходноые с конуса HSK на конус HSK

A ↗	G	
≤0.005	G2.5	A



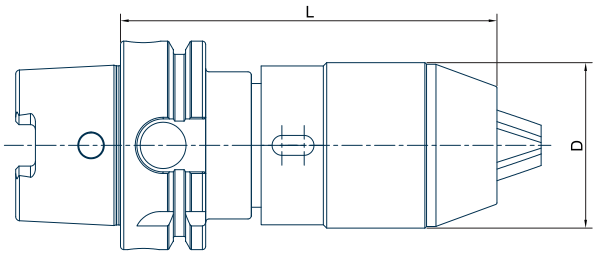


Обозначение	D1	D2	L
HSK50A-HSK50C-80	50	55	80
HSK50A-HSK50C-100	50	55	100
HSK63A-HSK63C-100	63	70	100
HSK63A-HSK63C-140	63	70	140
HSK80A-HSK80C-120	80	87	120
HSK80A-HSK80C-160	80	87	160
HSK100A-HSK100C-140	100	110	140
HSK100A-HSK100C-200	100	110	200
HSK50A-HSK32C-60	32	37	60
HSK50A-HSK32C-70	40	45	70
HSK63A-HSK32C-70	32	37	70
HSK63A-HSK40C-80	40	45	80
HSK63A-HSK50C-80	50	55	80
HSK80A-HSK40C-80	40	45	80
HSK80A-HSK50C-80	50	55	80
HSK80A-HSK63C-90	63	70	90
HSK100A-HSK50C-80	50	55	80
HSK100A-HSK63C-100	63	70	100
HSK100A-HSK80C-100	80	87	100

Сверлильные трехкулачковые патроны, тип APU

A ↗	
≤0.08	A



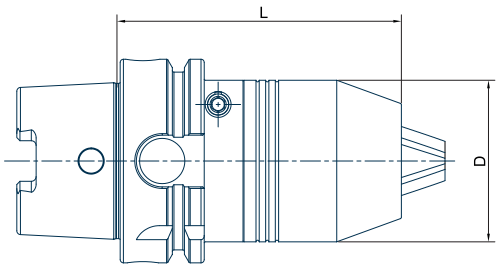


Обозначение	D	L	Диапазон
HSK63A-APU13-130	48	130	1-13
HSK63A-APU16-140	53	140	3-16
HSK100A-APU13-140	48	140	1-13
HSK100A-APU16-150	53	150	3-16

Прецизионные сверлильные патроны

A ↗	G	
≤0.03	G2.5	AD

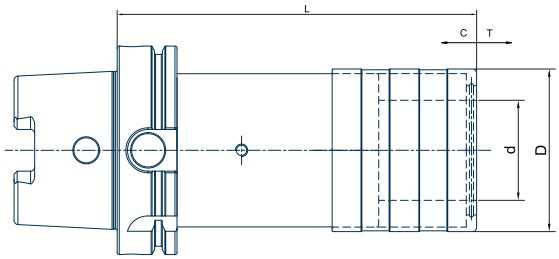




Обозначение	D	D1	L	L1`	Диапазон
HSK63A-CPU10-90	38	50	90	32	1-10
HSK63A-CPU13-100	50	-	100	-	1-13
HSK63A-CPU16-100	50	-	100	-	1-16
HSK100A-CPU13-105	50	-	105	-	1-13
HSK100A-CPU16-105	50	-	105	-	1-16

Быстросменные резьбонарезные патроны с осевой компенсацией



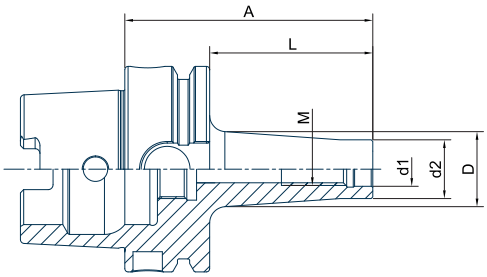


Обозначение	Втулка	d	D	L	T	C
HSK63A-TC312-102	1	19	36	102	7.5	7.5
HSK63A-TC820-140	2	31	53	140	12.5	12.5
HSK63A-TC1433-141	3	48	78	141	22	22
HSK100A-TC312-112	1	19	36	112	7.5	7.5
HSK100A-TC820-148	2	31	53	148	12.5	12.5
HSK100A-TC1433-144	3	48	78	144	22	22

Патроны для сменных фрезерных головок

A ↗	G	
≤0.005	G2.5	AD



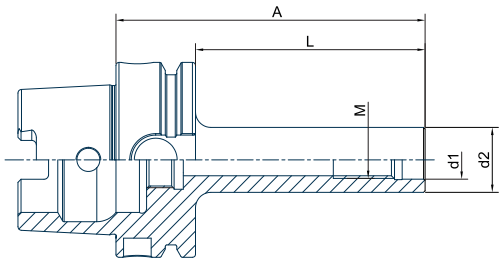


Обозначение	M	d1	d2	A	L	D
HSK63A-SOM08-51 L=25	M8	8.5	14.5	51	25	15
HSK63A-SOM08-76 L=50	M8	8.5	14.5	76	50	23
HSK63A-SOM08-101 L=75	M8	8.5	14.5	101	75	23
HSK63A-SOM10-51 L=25	M10	10.5	18	51	25	20
HSK63A-SOM10-76 L=50	M10	10.5	18	76	50	23
HSK63A-SOM10-126 L=100	M10	10.5	18	126	100	32
HSK63A-SOM10-176 L=150	M10	10.5	18	176	150	36.5
HSK63A-SOM12-51 L=25	M12	12.5	21	51	25	24
HSK63A-SOM12-76 L=50	M12	12.5	21	76	50	34
HSK63A-SOM12-101 L=75	M12	12.5	21	101	75	31
HSK63A-SOM12-126 L=100	M12	12.5	21	126	100	33
HSK63A-SOM12-176 L=150	M12	12.5	21	176	150	40
HSK63A-SOM16-51 L=25	M16	17	29	51	25	29
HSK63A-SOM16-76 L=50	M16	17	29	76	50	34
HSK63A-SOM16-101 L=75	M16	17	29	101	75	34
HSK63A-SOM16-126 L=100	M16	17	29	126	100	36
HSK63A-SOM16-176 L=150	M16	17	29	176	150	42.5
HSK100A-SOM08-79 L=50	M8	8.5	14.5	79	50	23
HSK100A-SOM10-79 L=50	M10	10.5	18	79	50	23
HSK100A-SOM10-129 L=100	M10	10.5	18	129	100	32
HSK100A-SOM10-179 L=150	M10	10.5	18	179	150	36.5
HSK100A-SOM12-79 L=50	M12	12.5	21	79	50	24
HSK100A-SOM12-129 L=100	M12	12.5	21	129	100	33
HSK100A-SOM12-179 L=150	M12	12.5	21	179	150	40
HSK100A-SOM16-79 L=50	M16	17	29	79	50	34
HSK100A-SOM16-129 L=100	M16	17	29	129	100	36
HSK100A-SOM16-179 L=150	M16	17	29	179	150	42.5

Патроны для сменных фрезерных головок

A ↗	G	
≤0.005	G2.5	AD



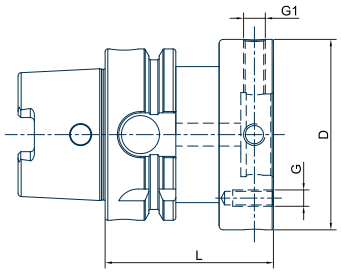


Обозначение	M	d1	d2	A	L
HSK63A-M10-126 L=100	M10	10.5	18	126	100
HSK63A-M10-176 L=150	M10	10.5	18	176	150
HSK63A-M12-101 L=75	M12	12.5	21	101	75
HSK63A-M12-126 L=100	M12	12.5	21	126	100
HSK63A-M12-176 L=150	M12	12.5	21	176	150
HSK63A-M16-101 L=75	M16	17	29	101	75
HSK63A-M16-126 L=100	M16	17	29	126	100
HSK63A-M16-176 L=150	M16	17	29	176	150
HSK100A-M10-129 L=100	M10	10.5	18	129	100
HSK100A-M10-179 L=150	M10	10.5	18	179	150
HSK100A-M12-129 L=100	M12	12.5	21	129	100
HSK100A-M12-179 L=150	M12	12.5	21	179	150
HSK100A-M16-129 L=100	M16	17	29	129	100
HSK100A-M16-179 L=150	M16	17	29	179	150

Базовые держатели с регулировкой биения

A ↗	G	
≤0.002	G2.5	AD



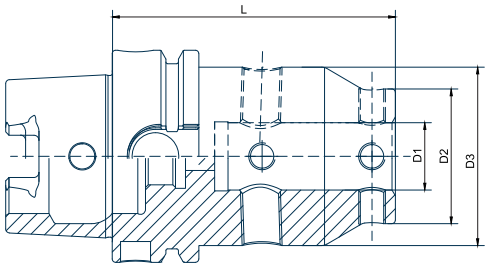


Обозначение	HSK-A	D	L	G	G1
HSK50A-MOD060-060	50	60	60	M5	M8x1
HSK50A-MOD070-060	50	70	60	M6	M8x1
HSK50A-MOD080-060	50	80	60	M6	M8x1
HSK63A-MOD060-060	63	60	60	M5	M8x1
HSK63A-MOD070-060	63	70	60	M6	M8x1
HSK63A-MOD080-060	63	80	60	M6	M8x1
HSK63A-MOD100-065	63	100	65	M8	M10x1
HSK63A-MOD117-065	63	117	65	M8	M10x1
HSK80A-MOD060-050	80	60	50	M5	M8x1
HSK80A-MOD070-060	80	70	60	M6	M8x1
HSK80A-MOD080-060	80	80	60	M6	M8x1
HSK80A-MOD100-065	80	100	65	M8	M10x1
HSK80A-MOD117-065	80	117	65	M8	M10x1
HSK80A-MOD140-075	80	140	75	M10	M10x1
HSK100A-MOD060-055	100	60	55	M5	M8x1
HSK100A-MOD070-055	100	70	55	M6	M8x1
HSK100A-MOD080-055	100	80	55	M6	M8x1
HSK100A-MOD100-065	100	100	65	M8	M10x1
HSK100A-MOD117-065	100	117	65	M8	M10x1
HSK100A-MOD140-075	100	140	75	M10	M10x1

Регулируемые комбинированные патроны, тип UM

A ↗	G	
≤0.003	G2.5	AD

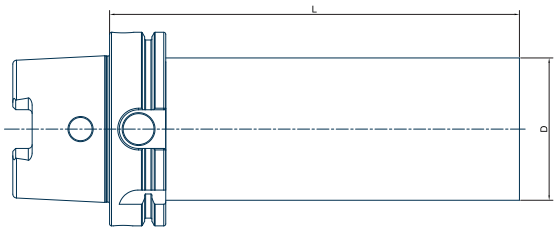




Обозначение	D1	D2	D3	L
HSK50A-UM12-85	12	28	44.5	85
HSK50A-UM16-85	16	32	48	85
HSK50A-UM20-95	20	40	53	95
HSK50A-UM25-105	25	48	63	105
HSK50A-UM32-110	32	52	63	110
HSK63A-UM12-75	12	28	44.5	75
HSK63A-UM16-75	16	32	48	75
HSK63A-UM20-85	20	40	53	85
HSK63A-UM25-105	25	48	63	105
HSK63A-UM32-110	32	52	63	110
HSK100A-UM12-80	12	28	44.5	80
HSK100A-UM16-80	16	32	48	80
HSK100A-UM20-95	20	40	53	95
HSK100A-UM25-110	25	48	63	110
HSK100A-UM32-115	32	52	63	115

Заготовки для оправок

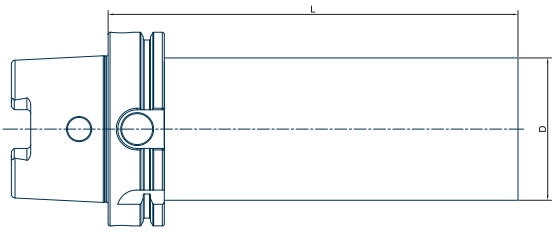




Обозначение	D	L
HSK50A-D050-160	50	160
HSK50A-D065-200	65	200
HSK63A-D065-160	65	160
HSK63A-D065-210	65	210
HSK63A-D065-250	65	250
HSK63A-D065-300	65	300
HSK63A-D080-160	80	160
HSK63A-D080-210	80	210
HSK63A-D080-250	80	250
HSK63A-D080-300	80	300
HSK63A-D100-160	100	160
HSK63A-D100-210	100	210
HSK63A-D100-250	100	250
HSK63A-D100-300	100	300
HSK63A-D120-160	120	160
HSK63A-D120-210	120	210
HSK63A-D120-250	120	250
HSK63A-D120-300	120	300

Заготовки для оправок





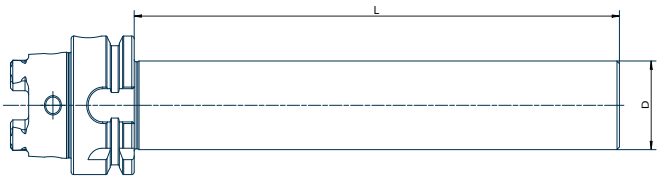
Обозначение	D	L
HSK100A-D080-160	80	160
HSK100A-D080-210	80	210
HSK100A-D080-250	80	250
HSK100A-D080-300	80	300
HSK100A-D100-160	100	160
HSK100A-D100-210	100	210
HSK100A-D100-250	100	250
HSK100A-D100-300	100	300
HSK100A-D120-160	120	160
HSK100A-D120-210	120	210
HSK100A-D120-250	120	250
HSK100A-D120-300	120	300

Другие размеры можно заказать по запросу.
Применение: для изготовления специальных оправок. Конус HSK и фланец закаленные и шлифованные, а сторона заготовки мягкая, для последующей обработки.

Тестовые оправки

A ↗
≤0.002

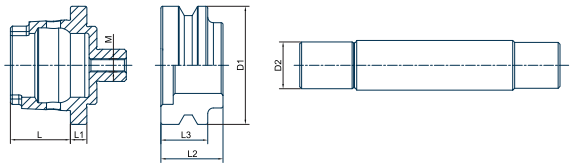




Обозначение	D	L
HSK50A-32-200	32	200
HSK63A-40-300	40	300
HSK80A-50-300	50	300
HSK100A-50-300	50	300

Оправки для настройки захвата МАСИ (механизм автоматической смены инструмента)





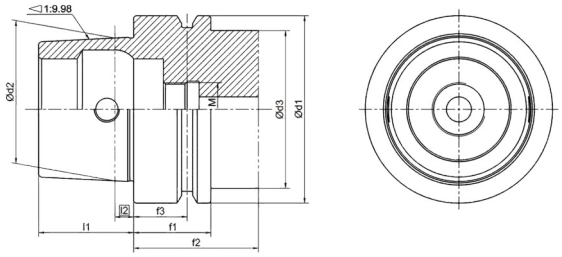
Обозначение	D1	D2	L	L1	L2	L3	M
HSK50A-ATC-25D	50	25	25	8	22	18	M6
HSK63A-ATC-30D	63	30	32	8	30	18	M8
HSK80A-ATC-35D	80	35	40	8	36	18	M10
HSK100A-ATC-40D	100	40	50	10	45	19	M10

Применение:
1) Установите конус в шпиндель станка
2) Установите фланец на захват МАСИ
3) Вставьте штифт во фланец
4) Отрегулируйте захват МАСИ и убедитесь, что передняя часть штифта полностью вошла во фланец

Система HSK-E

Стандартные параметры конуса HSK-E





Обозначение	d1	d2	d3	l1	l2	f1	f2	f3
HSK20E	20	15.203	16	10	2	8	16	3.5
HSK25E	25	19.006	20	13	2.5	10	20	4.5
HSK32E	32	24.007	26	16	3.2	20	35	16
HSK40E	40	30.007	34	20	4	20	35	16
HSK50E	50	38.009	42	25	5	26	42	18
HSK63E	63	48.010	53	32	6.3	26	42	18

Стандарт: DIN 69893; ISO 12164
Материал: легирования закаленная сталь
Обработка поверхности: чернение и нанесение покрытия
Точность: <AT3
Твердость: HRC 58-62
Глубина углеродистого слоя: 0.8±0.2 мм
Шероховатость: Ra<0.005 мм
Балансировка: G6.3/15000; G2.5/25000

Расшифровка пиктограмм:

G	
G6.3 G2.5	AD AD/B

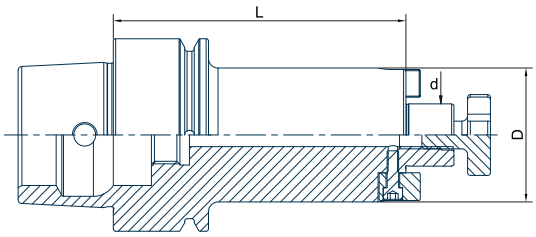
Данные пиктограммы означают следующее:
1. Класс балансировки G согласно ISO 1940-1:
Чёрным цветом – стандартное исполнение (класс балансировки G6.3 / 15000 об/мин)
Оранжевым цветом – исполнение под заказ (класс балансировки G2.5 / 25000 об/мин)

2. Подвод СОЖ/СОТС:
Чёрным цветом – стандартное исполнение (AD) – подача СОЖ через центральное отверстие
Оранжевым цветом – исполнение под заказ (AD/B) – подача СОЖ через отверстие или фланец

Оправки для торцевых фрез

	A ↗	G	
DIN6499	≤0.005	G2.5	AD



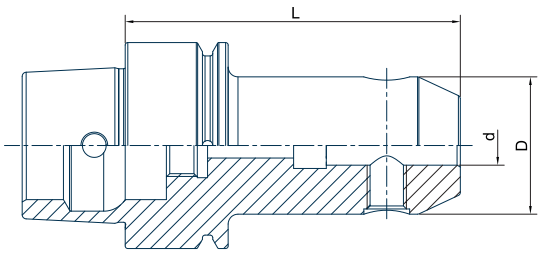


Обозначение	d	D	L1
HSK32E-FMB16-50	16	38	50
HSK40E-FMB16-50	16	38	50
HSK40E-FMB22-50	22	48	50
HSK40E-FMB27-55	27	58	55
HSK50E-FMB16-50	16	38	50
HSK50E-FMB22-60	22	48	60
HSK50E-FMB27-60	27	58	60
HSK50E-FMB32-60	32	78	60
HSK63E-FMB16-50	16	38	50
HSK63E-FMB22-60	22	48	60
HSK63E-FMB27-60	27	58	60
HSK63E-FMB32-60	32	78	60
HSK63E-FMB40-60	40	88	60

Патроны для концевых фрез с хвостовиком Weldon

	A ↗	G	
DIN6359/1835B	≤0.005	G2.5	AD



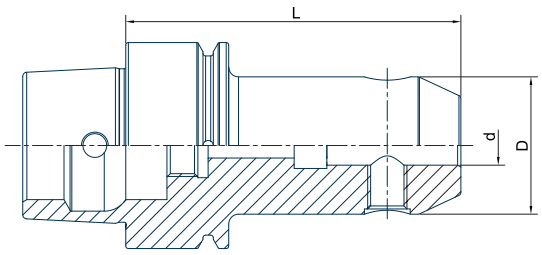


Обозначение	d	D	L
HSK32E-SLA06-60	6	25	60
HSK32E-SLA08-60	8	28	60
HSK32E-SLA10-65	10	35	65
HSK40E-SLA06-60	6	25	60
HSK40E-SLA08-60	8	28	60
HSK40E-SLA10-60	10	35	60
HSK40E-SLA12-70	12	42	70
HSK40E-SLA14-75	14	44	75
HSK40E-SLA16-75	16	48	75
HSK40E-SLA20-75	20	52	75
HSK50E-SLA06-65	6	25	65
HSK50E-SLA08-65	8	28	65
HSK50E-SLA10-65	10	35	65
HSK50E-SLA12-80	12	42	80
HSK50E-SLA14-80	14	44	80
HSK50E-SLA16-80	16	48	80
HSK50E-SLA18-80	18	50	80
HSK50E-SLA20-80	20	52	80
HSK50E-SLA20-100	20	52	100
HSK50E-SLA25-102	25	65	102

Патроны для концевых фрез с хвостовиком Weldon

	A ↗	G	
DIN6359/1835B	≤0.005	G2.5	AD



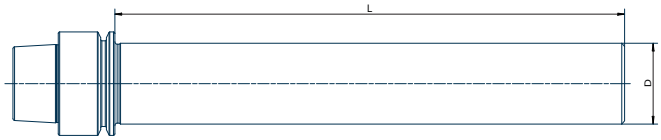


Обозначение	d	D	L
HSK63E-SLA06-65	6	25	65
HSK63E-SLA08-65	8	28	65
HSK63E-SLA10-65	10	35	65
HSK63E-SLA12-80	12	42	80
HSK63E-SLA14-80	14	44	80
HSK63E-SLA16-80	16	48	80
HSK63E-SLA18-80	18	50	80
HSK63E-SLA20-80	20	52	80
HSK63E-SLA25-110	25	65	110
HSK63E-SLA32-110	32	72	110
HSK63E-SLA40-120	40	80	120

Тестовые оправки

A ↗
≤0.002

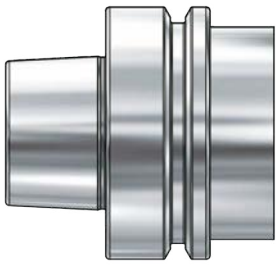


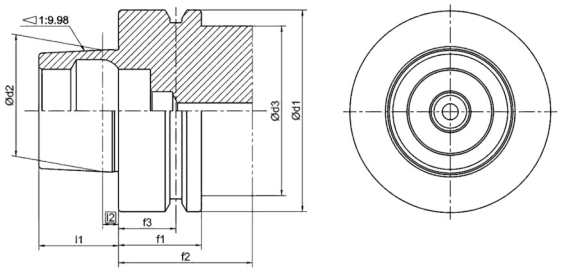


Обозначение	D	L
HSK25E-20-150	20	150
HSK32E-25-180	25	180
HSK40E-25-180	25	180
HSK50E-32-200	32	200

Система HSK-F

Стандартные параметры конуса HSK-F





Обозначение	d1	d2	d3	l1	l2	f1	f2	f3
HSK50F	50	30.007	42	20	4	26	42	18
HSK63F	63	38.009	53	25	5	26	42	18
HSK80F	80	48.010	68	32	6.3	26	42	18

Стандарт: DIN 69893; ISO 12164
Материал: легирования закаленная сталь
Обработка поверхности: чернение и нанесение покрытия
Точность: <AT3
Твердость: HRC 58-62
Глубина углеродистого слоя: 0.8±0.2 мм
Шероховатость: Ra<0.005 мм
Балансировка: G6.3/15000; G2.5/25000

Расшифровка пиктограмм:

G	
G6.3 G2.5	AD AD/B

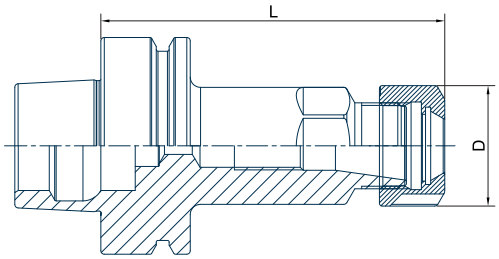
Данные пиктограммы означают следующее:
1. Класс балансировки G согласно ISO 1940-1:
Чёрным цветом – стандартное исполнение (класс балансировки G6.3 / 15000 об/мин)
Оранжевым цветом – исполнение под заказ (класс балансировки G2.5 / 25000 об/мин)

2. Подвод СОЖ/СОТС:
Чёрным цветом – стандартное исполнение (AD) – подача СОЖ через центральное отверстие
Оранжевым цветом – исполнение под заказ (AD/B) – подача СОЖ через отверстие или фланец

Цанговые патроны ER

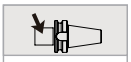
	A ↗	G	
DIN6499	≤0.003	G2.5	AD



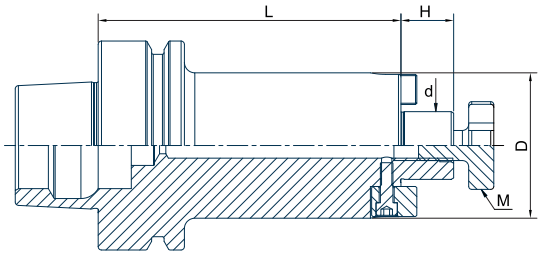


Обозначение	D	L	Диапазон
HSK40F-ER16A-60	28	60	1-10
HSK40F-ER25-60	42	60	2-16
HSK50F-ER25-70	42	70	2-16
HSK50F-ER32-80	50	80	2-20
HSK50F-ER40-80	63	80	3-26
HSK63F-ER16A-60	28	60	1-10
HSK63F-ER25-70	42	70	2-16
HSK63F-ER32-75	50	75	2-20
HSK63F-ER40-80	63	80	3-26
HSK63F-ER16A-100	28	100	1-10
HSK63F-ER25-100	42	100	2-16
HSK63F-ER32-100	50	100	2-20
HSK63F-ER40-100	63	100	3-26

Оправки для торцевых фрез

	A ↗	G	
DIN6357	≤0.005	G2.5	AD



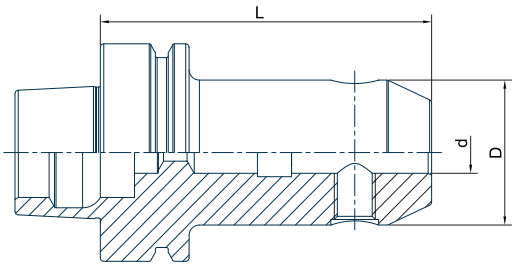


Обозначение	d	D	L	H	M
HSK63F-FMB16-50	16	38	50	17	M8
HSK63F-FMB22-60	22	48	60	19	M10
HSK63F-FMB27-60	27	58	60	21	M12
HSK63F-FMB32-60	32	78	60	24	M16

Патроны для концевых фрез с хвостовиком Weldon

	A ↗	G	
DIN6359/1835B	≤0.005	G2.5	AD



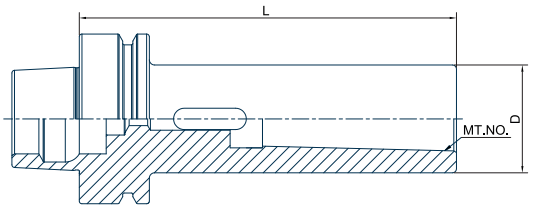


Обозначение	d	D	L
HSK63F-SLA06-65	6	25	65
HSK63F-SLA08-65	8	28	65
HSK63F-SLA10-65	10	35	65
HSK63F-SLA12-80	12	42	80
HSK63F-SLA14-80	14	44	80
HSK63F-SLA16-80	16	48	80
HSK63F-SLA18-80	18	50	80
HSK63F-SLA20-80	20	52	80
HSK63F-SLA25-110	25	65	110
HSK63F-SLA32-110	32	72	110

Патроны для хвостовиков с конусом Морзе

	A ↗	G	
DIN6383	≤0.005	G2.5	AD

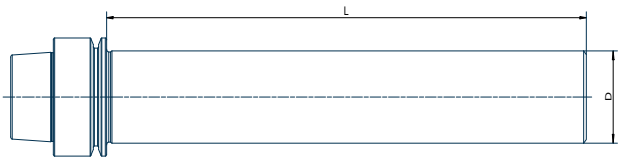




Обозначение	MT.NO.	D	L
HSK63F-MTA1-100	1	25	100
HSK63F-MTA2-120	2	32	120
HAK63F-MTA3-140	3	40	140
HAK63F-MTA4-160	4	48	160

Заготовки для оправок





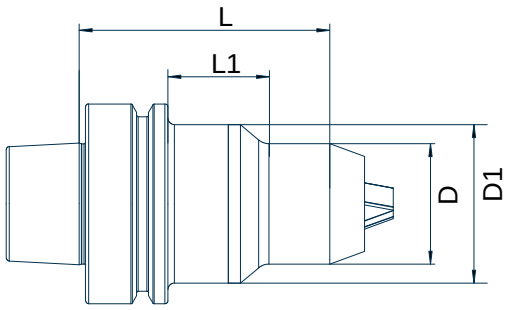
Обозначение	D	L
HSK63F-65-160	65	160
HSK63F-65-250	65	250

Другие размеры можно заказать по запросу.

Прецизионные сверлильные патроны

A ↗	G	
≤0.03	G2.5	AD



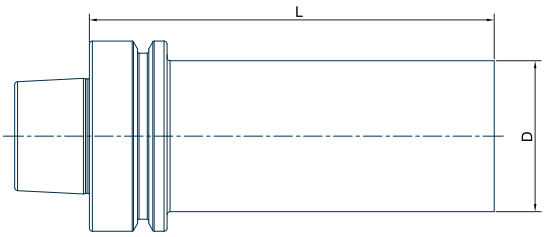


Обозначение	D	D1	L	L1	Диапазон
HSK63F-CPU10-90	38	50	90	32	1-10
HSK63F-CPU13-100	50	-	100	-	1-13
HSK63F-CPU16-100	50	-	100	-	1-16

Тестовые оправки

A ↗
≤0.002

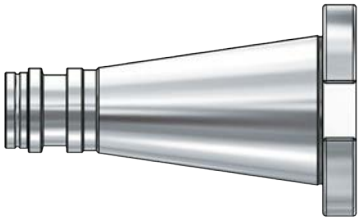


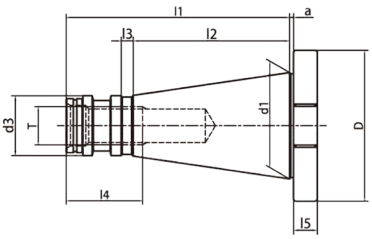


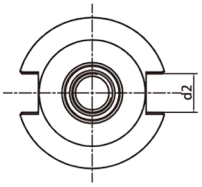
Обозначение	D	L
HSK63F-40-350	40	350

Система NT

Стандартные параметры конуса NT







Обозначение	D	d1	d2	d3	a	l1	l2	l3	l4	l5	T
NT30	50	31.75	16.1	17.11	1.6	68.4	48.4	3	24	8	M12
NT40	63	44.45	16.1	25	1.6	93.4	65.4	5	32	10	M16
NT50	97.5	69.85	25.7	39.29	3.2	126.8	101.8	8	47	12	M24

Стандарт: DIN 2080
Материал: легирования закаленная сталь
Обработка поверхности: чернение и нанесение покрытия
Точность: <AT3
Твердость: HRC 58-62
Глубина углеродистого слоя: 0.8±0.2mm
Шероховатость: Ra<0.005mm

Расшифровка пиктограмм:

G	
G6.3 G2.5	AD AD/B

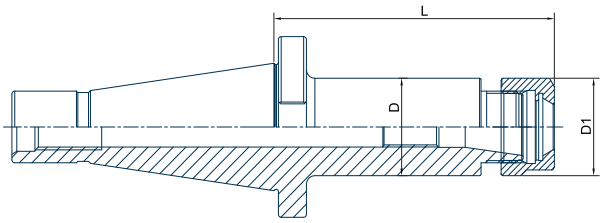
Данные пиктограммы означают следующее:
1. Класс балансировки G согласно ISO 1940-1:
Чёрным цветом – стандартное исполнение (класс балансировки G6.3 / 15000 об/мин)
Оранжевым цветом – исполнение под заказ (класс балансировки G2.5 / 25000 об/мин)

2. Подвод СОЖ/СОТС:
Чёрным цветом – стандартное исполнение (AD) – подача СОЖ через центральное отверстие
Оранжевым цветом – исполнение под заказ (AD/B) – подача СОЖ через отверстие или фланец

Цанговые патрны ER

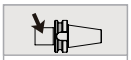
DIN6499	≤0.003	AD



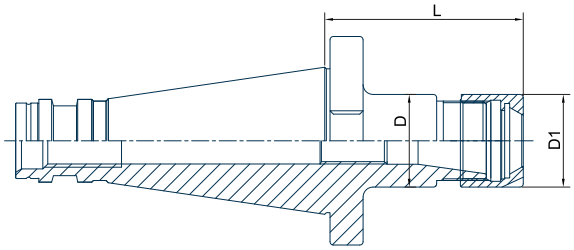


Обозначение	D	D1	L	Диапазон
NT30-ER16A-50	28	28	50	1-10
NT30-ER20A-50	34	34	50	1-13
NT30-ER25-50	42	42	50	2-16
NT30-ER32-50	40	50	50	2-20
NT30-ER40-80	50	63	80	4-26
NT40-ER16-50 (OTT)	28	28	50	1-10
NT40-ER20-50 (OTT)	34	34	50	1-13
NT40-ER25-50 (OTT)	42	42	50	1-13
NT40-ER32-50 (OTT)	50	50	50	3-20
NT40-ER40-80 (OTT)	50	63	80	4-26
NT50-ER25-60 (OTT)	42	42	60	1-13
NT50-ER32-70 (OTT)	50	50	70	1-20
NT50-ER40-80 (OTT)	63	63	70	2-26
NT50-ER50-90 (OTT)	70	78	90	6-34

Цанговые патроны ER с гайкой Mini

	A ↗	
DIN6499	≤0.003	AD



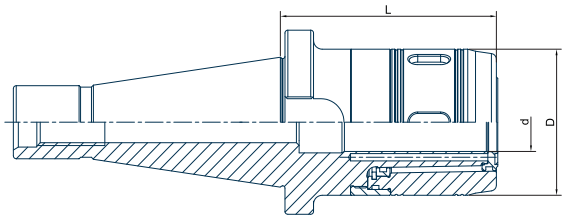


Обозначение	D	D1	L	Диапазон
NT30-ER16M-70	22	22	70	1-10
NT30-ER20M-70	28	28	70	1-13
NT30-ER25M-70	35	35	70	2-16
NT40-ER16M-60 (OTT)	22	22	60	1-10
NT40-ER20M-60 (OTT)	28	28	60	1-13
NT40-ER25M-60 (OTT)	35	35	60	2-16

Силовые фрезерные патроны

DIN6499	≤0.003	AD



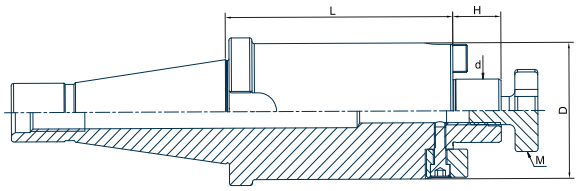


Обозначение	d	D	L	Диапазон	M
NT40-HC25-105 (OTT)	25	59	105	3-20; 25	M16
NT40-HC32-105 (OTT)	32	72	105	3-25; 32	M16
NT50-HC32-110 (OTT)	32	72	110	3-25; 32	M24
NT50-HC42-120 (OTT)	42	99	120	3-32; 42	M24

Оправки для торцевых фрез

DIN6357	A ↗ ≤0.005	AD



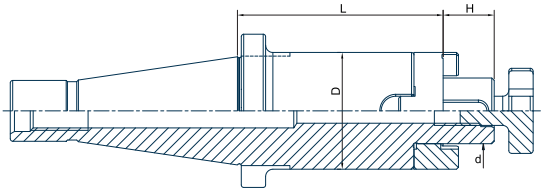


Обозначение	d	D	L	H	M
NT30-FMB16-30	16	38	30	17	M8
NT30-FMB22-30	22	48	30	19	M10
NT30-FMB27-45	27	58	45	21	M12
NT30-FMB32-50	32	78	50	24	M16
NT40-FMB16-30 (OTT)	16	38	30	17	M8
NT40-FMB22-30 (OTT)	22	48	30	19	M10
NT40-FMB27-30 (OTT)	27	58	30	21	M12
NT40-FMB32-30 (OTT)	32	78	30	24	M16
NT40-FMB40-30 (OTT)	40	88	30	27	M20
NT50-FMB16-30 (OTT)	16	38	30	17	M8
NT50-FMB22-35 (OTT)	22	48	35	19	M10
NT50-FMB27-35 (OTT)	27	58	35	21	M12
NT50-FMB32-40 (OTT)	32	78	40	24	M16
NT50-FMB40-40 (OTT)	40	88	40	27	M20

Комбинированные оправки для насадных фрез

	A ↗	
DIN6358	≤0.005	AD



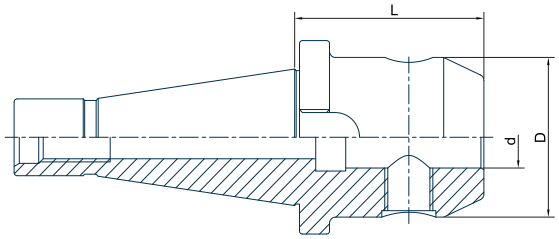


Обозначение	d	D	L	L1
NT30-SEMC16-35	16	32	35	17
NT30-SEMC22-35	22	40	35	19
NT30-SEMC27-35	27	48	35	21
NT30-SEMC32-50	32	58	50	24
NT40-SEMC16-52 (OTT)	16	32	52	17
NT40-SEMC22-52 (OTT)	22	40	52	19
NT40-SEMC27-52 (OTT)	27	48	52	21
NT40-SEMC32-52 (OTT)	32	58	52	24
NT40-SEMC40-52 (OTT)	40	70	52	27
NT50-SEMC16-55 (OTT)	16	32	55	17
NT50-SEMC22-55 (OTT)	22	40	55	19
NT50-SEMC27-55 (OTT)	27	48	55	21
NT50-SEMC32-55 (OTT)	32	58	55	24
NT50-SEMC40-55 (OTT)	40	70	55	27

Патроны для концевых фрез с хвостовиком Weldon

	A ↗	
DIN6359/1835B	≤0.005	AD



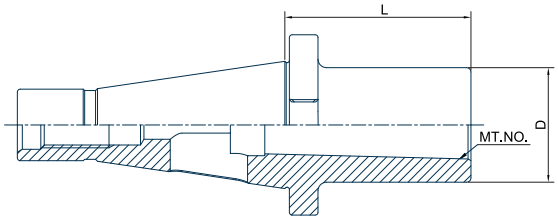


Обозначение	d	D	L
NT30-SLA06-40	6	25	40
NT30-SLA08-40	8	28	40
NT30-SLA10-40	10	35	40
NT30-SLA12-40	12	42	40
NT30-SLA16-50	16	48	50
NT30-SLA18-50	18	50	50
NT30-SLA20-63	20	52	63
NT40-SLA06-50 (OTT)	6	25	50
NT40-SLA08-50 (OTT)	8	28	50
NT40-SLA10-50 (OTT)	10	35	50
NT40-SLA12-50 (OTT)	12	42	50
NT40-SLA14-50 (OTT)	14	44	50
NT40-SLA16-63 (OTT)	16	48	63
NT40-SLA18-63 (OTT)	18	50	63
NT40-SLA20-63 (OTT)	20	52	63
NT40-SLA25-80 (OTT)	25	65	80
NT40-SLA32-80 (OTT)	32	72	80
NT40-SLA40-90 (OTT)	40	80	90
NT50-SLA06-63 (OTT)	6	25	63
NT50-SLA08-63 (OTT)	8	28	63
NT50-SLA10-63 (OTT)	10	35	63
NT50-SLA12-63 (OTT)	12	42	63
NT50-SLA14-63 (OTT)	14	44	63
NT50-SLA16-63 (OTT)	16	48	63
NT50-SLA18-63 (OTT)	18	50	63
NT50-SLA20-63 (OTT)	20	52	63
NT50-SLA25-80 (OTT)	25	65	80
NT50-SLA32-80 (OTT)	32	72	80
NT50-SLA40-90 (OTT)	40	80	90

Патроны для хвостовика с конусом Морзе с лапкой

	A ↗	
DIN6383	≤0.005	AD



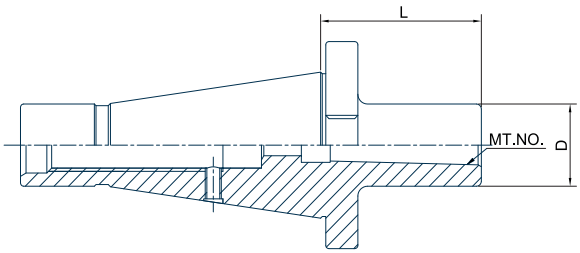


Обозначение	MT.No.	L	D
NT30-MTA1-50	1	50	25
NT30-MTA2-50	2	50	32
NT30-MTA3-75	3	75	40
NT40-MTA1-50 (OTT)	1	50	25
NT40-MTA2-50 (OTT)	2	50	32
NT40-MTA3-65 (OTT)	3	65	40
NT40-MTA4-95 (OTT)	4	95	48
NT50-MTA1-45 (OTT)	1	45	25
NT50-MTA2-60 (OTT)	2	60	32
NT50-MTA3-65 (OTT)	3	65	40
NT50-MTA4-70 (OTT)	4	70	48
NT50-MTA5-105 (OTT)	5	105	63

Патроны для хвостовика с конусом Морзе

DIN6364	≤0.005	A



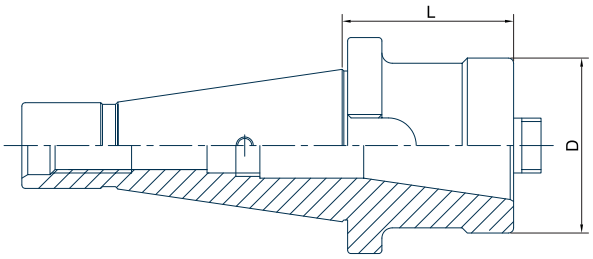


Обозначение	MT.No.	L	D
NT30-MTB1-45	1	45	25
NT30-MTB2-60	2	60	32
NT30-MTB3-70	3	70	40
NT40-MTB1-50 (OTT)	1	50	25
NT40-MTB2-50 (OTT)	2	50	32
NT40-MTB3-65 (OTT)	3	65	40
NT40-MTB4-95 (OTT)	4	95	48
NT50-MTB1-60 (OTT)	1	60	25
NT50-MTB2-60 (OTT)	2	60	32
NT50-MTB3-65 (OTT)	3	65	40
NT50-MTB4-65 (OTT)	4	65	48
NT50-MTB5-120 (OTT)	5	120	63

Патроны переходноые с конуса NT на конус NT

A ↗	
≤0.005	A



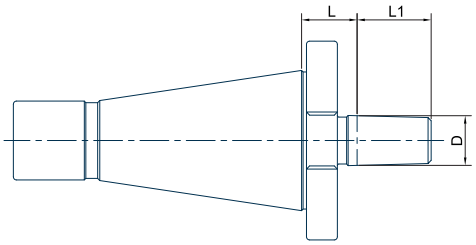


Обозначение	D	L
NT40-NT30-50 (OTT)	51	50
NT40-NT40-100 (OTT)	63	100
NT50-NT40-50 (OTT)	70	50
NT50-NT50-125 (OTT)	97	125

Оправка для сверлильного патрона

	A ↗	
DIN238	≤0.005	A



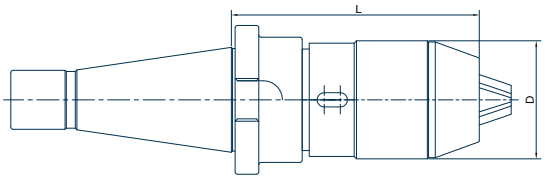


Обозначение	D	L	L1
NT30-B12	B12	15	18.5
NT30-B16	B16	17	24
NT40-B12	B12	18	18.5
NT40-B16	B16	18	24
NT40-B18	B18	18	32
NT50-B16	B16	20	24
NT50-B18	B18	20	32

Сверлильные трехкулачковые патроны, тип APU

A ↗	
≤0.08	A

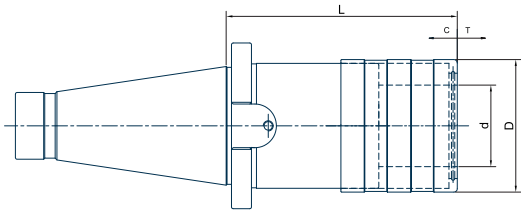




Обозначение	D	L	Диапазон
NT30-APU08-80	38	80	1-8
NT30-APU13-100	48	100	1-13
NT40-APU08-85 (OTT)	38	85	1-8
NT40-APU13-110 (OTT)	48	110	1-13
NT40-APU16-105 (OTT)	53	105	3-16
NT50-APU08-95 (OTT)	38	90	1-8
NT50-APU13-100 (OTT)	48	100	1-13
NT50-APU16-110 (OTT)	53	110	3-16

Быстросменные резьбонарезные патроны с осевой компенсацией



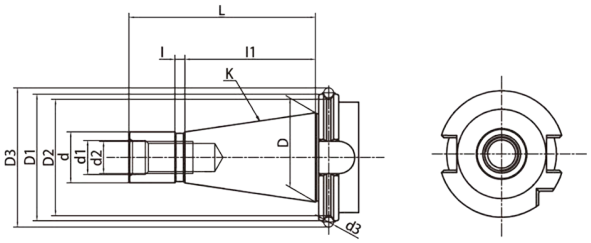


Обозначение	Втулка	d	D	L	T	C
NT30-TC312-55	1	19	36	55	7.5	7.5
NT30-TC820-86	2	31	53	86	12.5	12.5
NT40-TC312-55 (OTT)	1	19	36	55	7.5	7.5
NT40-TC820-86 (OTT)	2	31	53	86	12.5	12.5
NT40-TC1433-132 (OTT)	3	48	78	132	22	22
NT50-TC312-62 (OTT)	1	19	36	62	7.5	7.5
NT50-TC820-90 (OTT)	2	31	53	90	12.5	12.5
NT50-TC1433-117 (OTT)	3	48	78	117	22	22

Система ГОСТ

Станлартные параметры конуса ГОСТ





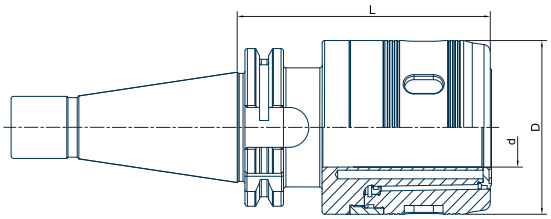
Обозначение	D	D1	D2	D3	D4	d	d1	d2	d3	L	l	l1
SK30	31.75	50	46	55.070	44	17.4	13	M12	4	68.4	3	48.4
SK40	44.45	63	58	69.340	55	25.3	17	M16	5	93.4	5	65.4
SK50	69.85	100	94	107.610	85	39.6	25	M24	6	126.8	8	101.8

Стандарт: GOST 25827-93
Материал: легирования закаленная сталь
Обработка поверхности: чернение
Точность: <AT3
Твердость: HRC 58-62
Глубина углеродистого слоя: 0.8±0.2mm
Шероховатость: Ra<0.005mm

Силовые фрезерные патроны

A ↗	
≤0.008	AD



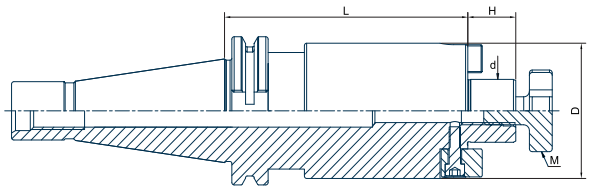


Обозначение	d	D	L	Диапазон
SK40-HC20-85 GOST	20	50	85	3-16; 20
SK40-HC25-100 GOST	25	59	100	3-20; 25
SK40-HC32-105 GOST	32	72	105	3-25; 32
SK50-HC20-105 GOST	20	50	105	3-16; 20
SK50-HC25-105 GOST	25	59	105	3-20; 25
SK50-HC32-110 GOST	32	72	110	3-25; 32
SK50-HC42-110 GOST	42	99	110	3-32; 42

Оправки для торцевых фрез

	A ↗	
DIN6357	≤0.005	AD



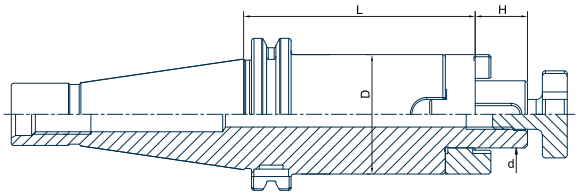


Обозначение	d	D	L	H	M
SK40-FMB16-45 GOST	16	38	45	17	M8
SK40-FMB22-45 GOST	22	48	45	19	M10
SK40-FMB27-40 GOST	27	58	40	21	M12
SK40-FMB32-55 GOST	32	78	55	24	M16
SK40-FMB40-55 GOST	40	88	55	27	M20
SK50-FMB16-40 GOST	16	38	40	17	M8
SK50-FMB22-45 GOST	22	48	45	19	M10
SK50-FMB27-45 GOST	27	58	45	21	M12
SK50-FMB32-50 GOST	32	78	50	24	M16
SK50-FMB40-55 GOST	40	88	55	27	M20

Комбинированные оправки для насадных фрез

DIN6358	≤0.005	AD



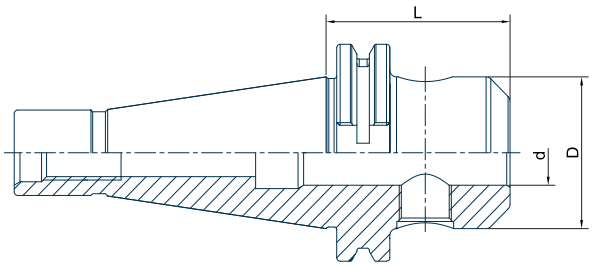


Обозначение	d	D	H	L
SK40-SEMC16-55 GOST	16	32	17	55
SK40-SEMC22-55 GOST	22	40	19	55
SK40-SEMC27-55 GOST	27	48	21	55
SK40-SEMC32-60 GOST	32	58	24	60
SK40-SEMC40-60 GOST	40	70	27	60
SK50-SEMC16-55 GOST	16	32	17	55
SK50-SEMC22-55 GOST	22	40	19	55
SK50-SEMC27-55 GOST	27	48	21	55
SK50-SEMC32-55 GOST	32	58	24	55
SK50-SEMC40-55 GOST	40	70	27	55

Патроны для концевых фрез с хвостовиком Weldon

DIN6359/1835B	A ↗ ≤0.005	AD



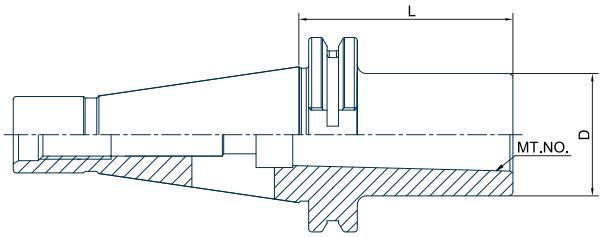


Обозначение	d	D	L
SK40-SLA6-50 GOST	6	25	50
SK40-SLA8-50 GOST	8	28	50
SK40-SLA10-50 GOST	10	35	50
SK40-SLA12-50 GOST	12	42	50
SK40-SLA14-50 GOST	14	44	50
SK40-SLA16-63 GOST	16	48	63
SK40-SLA18-63 GOST	18	50	63
SK40-SLA20-63 GOST	20	52	63
SK40-SLA25-100 GOST	25	65	100
SK40-SLA32-100 GOST	32	72	100
SK40-SLA40-120 GOST	40	80	120
SK50-SLA6-63 GOST	6	25	63
SK50-SLA8-63 GOST	8	28	63
SK50-SLA10-63 GOST	10	35	63
SK50-SLA12-63 GOST	12	42	63
SK50-SLA14-63 GOST	14	44	63
SK50-SLA16-63 GOST	16	48	63
SK50-SLA18-63 GOST	18	50	63
SK50-SLA20-63 GOST	20	52	63
SK50-SLA25-80 GOST	25	65	80
SK50-SLA32-100 GOST	32	72	100
SK50-SLA40-100 GOST	40	80	100

Патроны для хвостовика с конусом Морзе с лапкой

DIN6383	≤0.005	AD



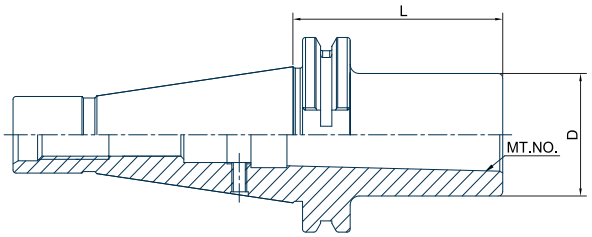


Обозначение	MT. NO.	D	L
SK40-MTA1-50 GOST	1	25	50
SK40-MTA2-50 GOST	2	32	50
SK40-MTA3-70 GOST	3	40	70
SK40-MTA4-95 GOST	4	48	95
SK50-MTA1-45 GOST	1	25	45
SK50-MTA2-60 GOST	2	32	60
SK50-MTA3-65 GOST	3	40	65
SK50-MTA4-95 GOST	4	48	95
SK50-MTA5-105 GOST	5	63	105

Патроны для хвостовика с конусом Морзе

DIN6364	≤0.005	A



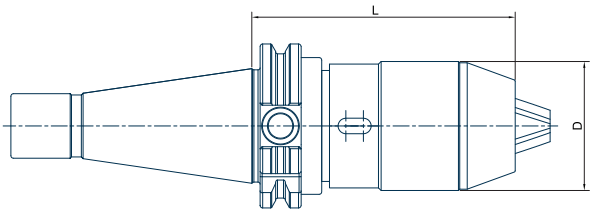


Обозначение	MT. NO.	D	L
SK40-MTB1-50 GOST	1	25	50
SK40-MTB2-50 GOST	2	32	50
SK40-MTB3-70 GOST	3	40	70
SK40-MTB4-95 GOST	4	48	95
SK50-MTB1-45 GOST	1	25	45
SK50-MTB2-60 GOST	2	32	60
SK50-MTB3-65 GOST	3	40	65
SK50-MTB4-95 GOST	4	48	95
SK50-MTB5-105 GOST	5	63	105

Сверлильные трехкулачковые патроны, тип APU

A ↗	
≤0.08	A

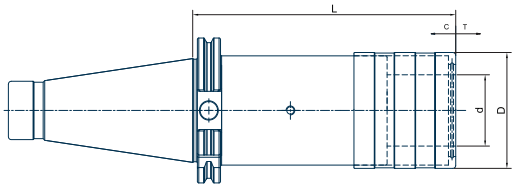




Обозначение	D	L	Диапазон
SK40-APU13-100 GOST	48	100	1-13
SK40-APU16-110 GOST	53	110	3-16
SK50-APU13-100 GOST	48	100	1-13
SK50-APU16-100 GOST	53	100	3-16

Быстросменные резьбонарезные патроны с осевой компенсацией





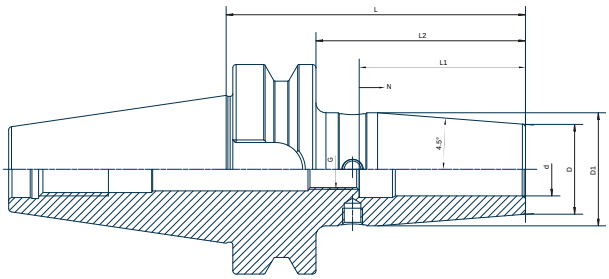
Обозначение	Втулка	D	d	L	T	C
SK40-TC312-59 GOST	1	36	19	59	7.5	7.5
SK40-TC820-97 GOST	2	54	31	97	12.5	12.5
SK40-TC1433-156 GOST	3	78	48	156	22	22
SK50-TC312-63 GOST	1	38	19	63	7.5	7.5
SK50-TC820-97 GOST	2	54	31	97	12.5	12.5
SK50-TC1433-140 GOST	3	78	48	140	22	22

Термопатроны

Термопатроны 4.5°

A ↗	G	
≤0.003	G2.5	AD AD/B



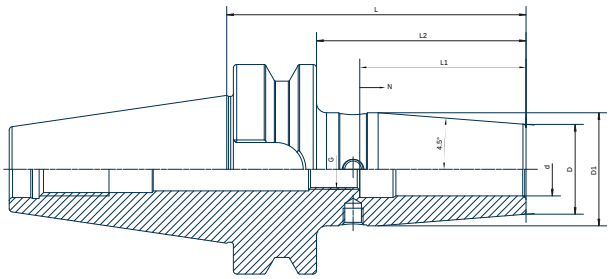


Обозначение	d	D	D1	L	L2	L1	N	G
BT30-SF03-80	3	15	20	80	58	-	-	-
BT30-SF04-80	4	15	20	80	58	-	-	-
BT30-SF05-80	5	15	20	80	58	-	-	-
BT30-SF06-80	6	21	27	80	58	36	10	M5
BT30-SF08-80	8	21	27	80	58	36	10	M6
BT30-SF10-80	10	24	30.5	80	58	42	10	M8x1
BT30-SF12-80	12	24	30.5	80	58	47	10	M10x1
BT30-SF14-80	14	27	33.5	80	58	47	10	M10x1
BT30-SF16-80	16	27	33.5	80	58	50	10	M12x1
BT30-SF18-80	18	33	39.5	80	58	50	10	M12x1
BT30-SF20-80	20	33	39.5	80	58	52	10	M16x1
BT40-SF03-80	3	15	20	80	53	-	-	-
BT40-SF04-80	4	15	20	80	53	-	-	-
BT40-SF05-80	5	15	20	80	53	-	-	-
BT40-SF06-90	6	21	27	90	63	36	10	M5
BT40-SF08-90	8	21	27	90	63	36	10	M6
BT40-SF10-90	10	24	31	90	63	42	10	M8x1
BT40-SF12-90	12	24	31	90	63	47	10	M10x1
BT40-SF14-90	14	27	34	90	63	47	10	M10x1
BT40-SF16-90	16	27	34	90	63	50	10	M12x1
BT40-SF18-90	18	33	40	90	63	50	10	M12x1
BT40-SF20-90	20	33	40	90	63	52	10	M16x1
BT40-SF25-100	25	44	53	100	73	58	10	M16x1
BT40-SF32-100	32	44	53	100	73	62	10	M16x1
BT40-SF03-120	3	15	20	120	93	-	-	-
BT40-SF04-120	4	15	20	120	93	-	-	-
BT40-SF05-120	5	15	20	120	93	-	-	-
BT40-SF06-120	6	21	27	120	93	36	10	M5

Термопатроны 4.5°

A ↗	G	
≤0.003	G2.5	AD AD/B



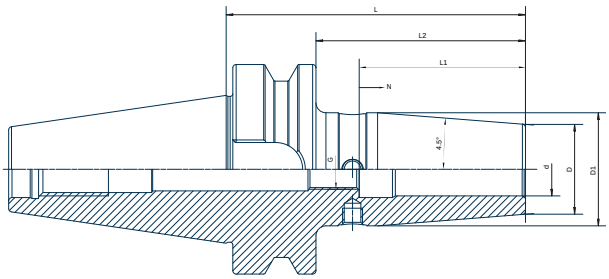


Обозначение	d	D	D1	L	L2	L1	N	G
BT40-SF08-120	8	21	27	120	93	36	10	M6
BT40-SF10-120	10	24	32	120	93	42	10	M8x1
BT40-SF12-120	12	24	32	120	93	47	10	M10x1
BT40-SF14-120	14	27	34	120	93	47	10	M10x1
BT40-SF16-120	16	27	34	120	93	50	10	M12x1
BT40-SF18-120	18	33	42	120	93	50	10	M12x1
BT40-SF20-120	20	33	42	120	93	52	10	M16x1
BT40-SF25-120	25	44	53	120	93	58	10	M16x1
BT40-SF32-120	32	44	53	120	93	62	10	M16x1
BT40-SF03-160	3	15	25	160	133	-	-	-
BT40-SF04-160	4	15	25	160	133	-	-	-
BT40-SF05-160	5	15	25	160	133	-	-	-
BT40-SF06-160	6	21	32	160	133	36	10	M5
BT40-SF08-160	8	21	32	160	133	36	10	M6
BT40-SF10-160	10	24	34	160	133	42	10	M8x1
BT40-SF12-160	12	24	34	160	133	47	10	M10x1
BT40-SF14-160	14	27	42	160	133	47	10	M10x1
BT40-SF16-160	16	27	42	160	133	50	10	M12x1
BT40-SF18-160	18	33	51	160	133	50	10	M12x1
BT40-SF20-160	20	33	51	160	133	52	10	M16x1
BT40-SF25-160	25	44	53	160	133	58	10	M16x1
BT40-SF32-160	32	44	60	160	133	62	10	M16x1
BT40-SF06-200	6	21	32	200	173	36	10	M5
BT40-SF08-200	8	21	32	200	173	36	10	M6
BT40-SF10-200	10	24	34	200	173	42	10	M8x1
BT40-SF12-200	12	24	34	200	173	47	10	M10x1
BT40-SF14-200	14	27	42	200	173	47	10	M10x1
BT40-SF16-200	16	27	42	200	173	50	10	M12x1
BT40-SF18-200	18	33	51	200	173	50	10	M12x1
BT40-SF20-200	20	33	51	200	173	52	10	M16x1

Термопатроны 4.5°

A ↗	G	
≤0.003	G2.5	AD AD/B



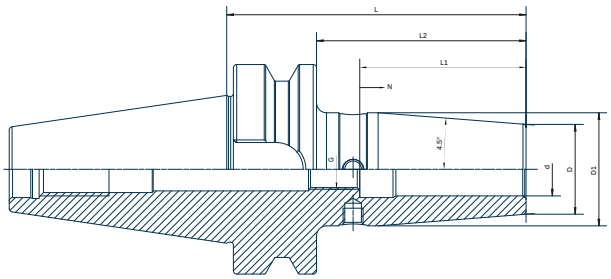


Обозначение	d	D	D1	L	L2	L1	N	G
BT40-SF25-200	25	44	53	200	173	58	10	M16x1
BT40-SF32-200	32	44	60	200	173	62	10	M16x1
BT50-SF03-100	3	15	20	100	62	-	-	-
BT50-SF04-100	4	15	20	100	62	-	-	-
BT50-SF05-100	5	15	20	100	62	-	-	-
BT50-SF06-100	6	21	27	100	62	36	10	M5
BT50-SF08-100	8	21	27	100	62	36	10	M6
BT50-SF10-100	10	24	30.5	100	62	42	10	M8x1
BT50-SF12-100	12	24	30.5	100	62	47	10	M10x1
BT50-SF14-100	14	27	34	100	62	47	10	M10x1
BT50-SF16-100	16	27	34	100	62	50	10	M12x1
BT50-SF18-100	18	33	40	100	62	50	10	M12x1
BT50-SF20-100	20	33	40	100	62	52	10	M16x1
BT50-SF25-120	25	44	53	120	82	58	10	M16x1
BT50-SF32-120	32	44	53	120	82	62	10	M16x1
BT50-SF03-120	3	15	20	120	82	-	-	-
BT50-SF04-120	4	15	20	120	82	-	-	-
BT50-SF05-120	5	15	20	120	82	-	-	-
BT50-SF06-120	6	21	27	120	82	36	10	M5
BT50-SF08-120	8	21	27	120	82	36	10	M6
BT50-SF10-120	10	24	32	120	82	42	10	M8x1
BT50-SF12-120	12	24	32	120	82	47	10	M10x1
BT50-SF14-120	14	27	34	120	82	47	10	M10x1
BT50-SF16-120	16	27	34	120	82	50	10	M12x1
BT50-SF18-120	18	33	42	120	82	50	10	M12x1
BT50-SF20-120	20	33	42	120	82	52	10	M16x1

Термопатроны 4.5°

A ↗	G	
≤0.003	G2.5	AD AD/B



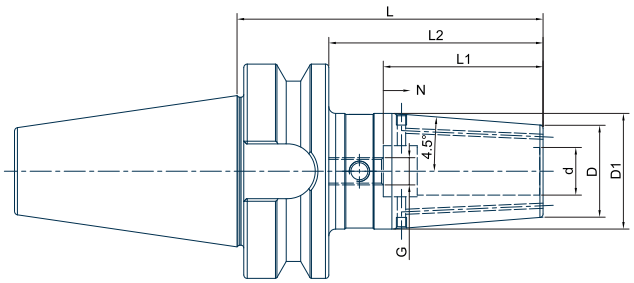


Обозначение	d	D	D1	L	L2	L1	N	G
BT50-SF03-160	3	15	25	160	122	-	-	-
BT50-SF04-160	4	15	25	160	122	-	-	-
BT50-SF05-160	5	15	25	160	122	-	-	-
BT50-SF06-160	6	21	32	160	122	36	10	M5
BT50-SF08-160	8	21	32	160	122	36	10	M6
BT50-SF10-160	10	24	34	160	122	42	10	M8x1
BT50-SF12-160	12	24	34	160	122	47	10	M10x1
BT50-SF14-160	14	27	42	160	122	47	10	M10x1
BT50-SF16-160	16	27	42	160	122	50	10	M12x1
BT50-SF18-160	18	33	49	160	122	50	10	M12x1
BT50-SF20-160	20	33	49	160	122	52	10	M16x1
BT50-SF25-160	25	44	60	160	122	58	10	M16x1
BT50-SF32-160	32	44	60	160	122	62	10	M16x1
BT50-SF06-200	6	21	32	200	162	36	10	M5
BT50-SF08-200	8	21	32	200	162	36	10	M6
BT50-SF10-200	10	24	34	200	162	42	10	M8x1
BT50-SF12-200	12	24	34	200	162	47	10	M10x1
BT50-SF14-200	14	27	42	200	162	47	10	M10x1
BT50-SF16-200	16	27	42	200	162	50	10	M12x1
BT50-SF18-200	18	33	51	200	162	50	10	M12x1
BT50-SF20-200	20	33	51	200	162	52	10	M16x1
BT50-SF25-200	25	44	60	200	162	58	10	M16x1

Термопатроны 4.5°, с охлаждением

A ↗	G	
≤0.003	G2.5	AD AD/B



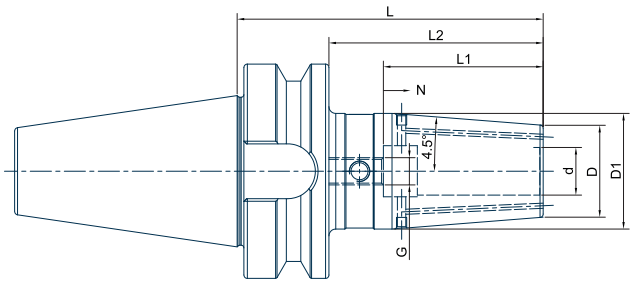


Обозначение	d	D	D1	L	L2	L1	N	G
BT40-SF03-80K	3	15	20	80	53	-	-	-
BT40-SF04-80K	4	15	20	80	53	-	-	-
BT40-SF05-80K	5	15	20	80	53	-	-	-
BT40-SF06-90K	6	21	27	90	63	36	10	M5
BT40-SF08-90K	8	21	27	90	63	36	10	M6
BT40-SF10-90K	10	24	32	90	63	42	10	M8x1
BT40-SF12-90K	12	24	32	90	63	47	10	M10x1
BT40-SF14-90K	14	27	34	90	63	47	10	M10x1
BT40-SF16-90K	16	27	34	90	63	50	10	M12x1
BT40-SF18-90K	18	33	42	90	63	50	10	M12x1
BT40-SF20-90K	20	33	42	90	63	52	10	M16x1
BT40-SF25-100K	25	44	53	100	73	58	10	M16x1
BT40-SF32-100K	32	44	53	100	73	62	10	M16x1
BT40-SF06-120K	6	21	27	120	93	36	10	M5
BT40-SF08-120K	8	21	27	120	93	36	10	M6
BT40-SF10-120K	10	24	32	120	93	42	10	M8x1
BT40-SF12-120K	12	24	32	120	93	47	10	M10x1
BT40-SF14-120K	14	27	34	120	93	47	10	M10x1
BT40-SF16-120K	16	27	34	120	93	50	10	M12x1
BT40-SF18-120K	18	33	42	120	93	50	10	M12x1
BT40-SF20-120K	20	33	42	120	93	52	10	M16x1
BT40-SF25-120K	25	44	53	120	93	58	10	M16x1
BT40-SF32-120K	32	44	53	120	93	62	10	M16x1

Термопатроны 4.5°, с охлаждением

A ↗	G	
≤0.003	G2.5	AD AD/B



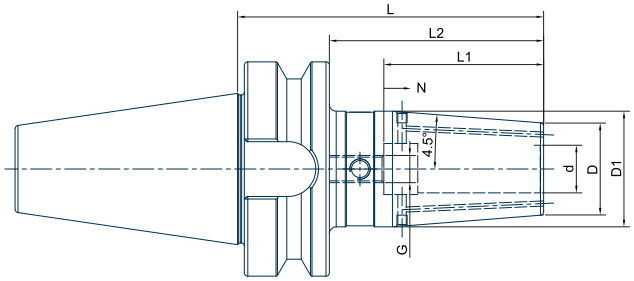


Обозначение	d	D	D1	L	L2	L1	N	G
BT40-SF06-160K	6	21	32	160	133	36	10	M5
BT40-SF08-160K	8	21	32	160	133	36	10	M6
BT40-SF10-160K	10	24	34	160	133	42	10	M8x1
BT40-SF12-160K	12	24	34	160	133	47	10	M10x1
BT40-SF14-160K	14	27	42	160	133	47	10	M10x1
BT40-SF16-160K	16	27	42	160	133	50	10	M12x1
BT40-SF18-160K	18	33	51	160	133	50	10	M12x1
BT40-SF20-160K	20	33	51	160	133	52	10	M16x1
BT40-SF25-160K	25	44	53	160	133	58	10	M16x1
BT40-SF32-160K	32	44	53	160	133	62	10	M16x1

Термопатроны 4.5°, с охлаждением

A ↗	G	
≤0.003	G2.5	AD AD/B



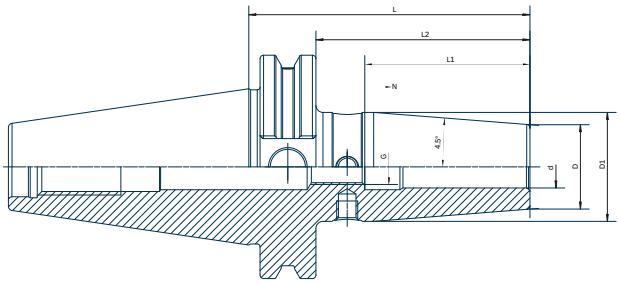


Обозначение	d	D	D1	L	L2	L1	N	G
BT50-SF06-100K	6	21	27	100	62	36	10	M5
BT50-SF08-100K	8	21	27	100	62	36	10	M6
BT50-SF10-100K	10	24	32	100	62	42	10	M8x1
BT50-SF12-100K	12	24	32	100	62	47	10	M10x1
BT50-SF14-100K	14	27	34	100	62	47	10	M10x1
BT50-SF16-100K	16	27	34	100	62	50	10	M12x1
BT50-SF18-100K	18	33	42	100	62	50	10	M12x1
BT50-SF20-100K	20	33	42	100	62	52	10	M16x1
BT50-SF25-110K	25	44	53	110	72	58	10	M16x1
BT50-SF32-110K	32	44	53	110	72	62	10	M16x1
BT50-SF06-120K	6	21	27	120	82	36	10	M5
BT50-SF08-120K	8	21	27	120	82	36	10	M6
BT50-SF10-120K	10	24	32	120	82	42	10	M8x1
BT50-SF12-120K	12	24	32	120	82	47	10	M10x1
BT50-SF14-120K	14	27	34	120	82	47	10	M10x1
BT50-SF16-120K	16	27	34	120	82	50	10	M12x1
BT50-SF18-120K	18	33	42	120	82	50	10	M12x1
BT50-SF20-120K	20	33	42	120	82	52	10	M16x1
BT50-SF25-120K	25	44	53	120	82	58	10	M16x1
BT50-SF32-120K	32	44	53	120	82	62	10	M16x1
BT50-SF06-160K	6	21	32	160	122	36	10	M5
BT50-SF08-160K	8	21	32	160	122	36	10	M6
BT50-SF10-160K	10	24	34	160	122	42	10	M8x1
BT50-SF12-160K	12	24	34	160	122	47	10	M10x1
BT50-SF14-160K	14	27	42	160	122	47	10	M10x1
BT50-SF16-160K	16	27	42	160	122	50	10	M12x1
BT50-SF18-160K	18	33	51	160	122	50	10	M12x1
BT50-SF20-160K	20	33	51	160	122	52	10	M16x1
BT50-SF25-160K	25	44	60	160	122	58	10	M16x1
BT50-SF32-160K	32	44	60	160	122	62	10	M16x1

Термопатроны 4.5°

A ↗	G	
≤0.003	G2.5	AD AD/B



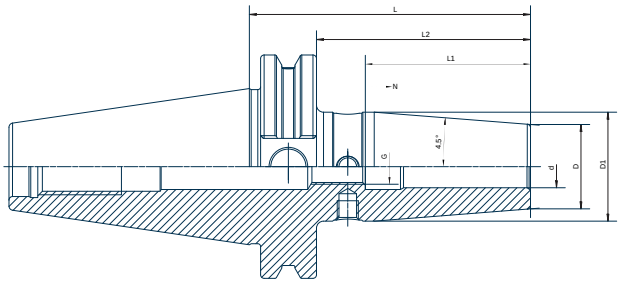


Обозначение	d	D	D1	L	L2	L1	N	G
SK30-SF03-80	3	15	20	80	60.9	-	-	-
SK30-SF04-80	4	15	20	80	60.9	-	-	-
SK30-SF05-80	5	15	20	80	60.9	-	-	-
SK30-SF06-80	6	21	27	80	60.9	36	10	M5
SK30-SF08-80	8	21	27	80	60.9	36	10	M6
SK30-SF10-80	10	24	32	80	60.9	42	10	M8x1
SK30-SF12-80	12	24	32	80	60.9	47	10	M10x1
SK30-SF14-80	14	27	34	80	60.9	47	10	M10x1
SK30-SF16-80	16	27	34	80	60.9	50	10	M12x1
SK30-SF18-80	18	33	42	80	60.9	50	10	M12x1
SK30-SF20-80	20	33	42	80	60.9	52	10	M16x1
SK30-SF03-120	3	15	20	120	100.9	-	-	-
SK30-SF04-120	4	15	20	120	100.9	-	-	-
SK30-SF05-120	5	15	20	120	100.9	-	-	-
SK30-SF06-120	6	21	27	120	100.9	36	10	M5
SK30-SF08-120	8	21	27	120	100.9	36	10	M6
SK30-SF10-120	10	24	32	120	100.9	42	10	M8x1
SK30-SF12-120	12	24	32	120	100.9	47	10	M10x1
SK30-SF16-120	16	27	34	120	100.9	50	10	M12x1
SK40-SF03-80	3	15	20	80	60.9	-	-	-
SK40-SF04-80	4	15	20	80	60.9	-	-	-
SK40-SF05-80	5	15	20	80	60.9	-	-	-
SK40-SF06-80	6	21	27	80	60.9	36	10	M5
SK40-SF08-80	8	21	27	80	60.9	36	10	M6
SK40-SF10-80	10	24	31	80	60.9	42	10	M8x1
SK40-SF12-80	12	24	31	80	60.9	47	10	M10x1
SK40-SF14-80	14	27	34	80	60.9	47	10	M10x1
SK40-SF16-80	16	27	34	80	60.9	50	10	M12x1
SK40-SF18-80	18	33	40	80	60.9	50	10	M12x1
SK40-SF20-80	20	33	40	80	60.9	52	10	M16x1

Термопатроны 4.5°

A ↗	G	
≤0.003	G2.5	AD AD/B



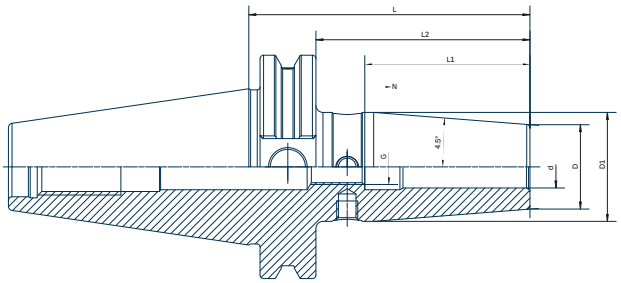


Обозначение	d	D	D1	L	L2	L1	N	G
SK40-SF25-100	25	44	50	100	80.9	58	10	M16x1
SK40-SF32-100	32	44	50	100	80.9	62	10	M16x1
SK40-SF03-120	3	15	20	120	100.9	-	-	-
SK40-SF04-120	4	15	20	120	100.9	-	-	-
SK40-SF05-120	5	15	20	120	100.9	-	-	-
SK40-SF06-120	6	21	27	120	100.9	36	10	M5
SK40-SF08-120	8	21	27	120	100.9	36	10	M6
SK40-SF10-120	10	24	32	120	100.9	42	10	M8x1
SK40-SF12-120	12	24	32	120	100.9	47	10	M10x1
SK40-SF14-120	14	27	34	120	100.9	47	10	M10x1
SK40-SF16-120	16	27	34	120	100.9	50	10	M12x1
SK40-SF18-120	18	31	42	120	100.9	50	10	M12x1
SK40-SF20-120	20	31	42	120	100.9	52	10	M16x1
SK40-SF25-120	25	44	50	120	100.9	58	10	M16x1
SK40-SF03-160	3	15	20	160	140.9	-	-	-
SK40-SF04-160	4	15	20	160	140.9	-	-	-
SK40-SF05-160	5	15	20	160	140.9	-	-	-
SK40-SF06-160	6	21	32	160	140.9	36	10	M5
SK40-SF08-160	8	21	32	160	140.9	36	10	M6
SK40-SF10-160	10	24	34	160	140.9	42	10	M8x1
SK40-SF12-160	12	24	34	160	140.9	47	10	M10x1
SK40-SF14-160	14	27	42	160	140.9	47	10	M10x1
SK40-SF16-160	16	27	42	160	140.9	50	10	M12x1
SK40-SF18-160	18	33	50	160	140.9	50	10	M12x1
SK40-SF20-160	20	33	50	160	140.9	52	10	M16x1
SK40-SF25-160	25	44	50	160	140.9	58	10	M16x1
SK40-SF32-160	32	44	50	160	140.9	62	10	M16x1

Термопатроны 4.5°

A ↗	G	
≤0.003	G2.5	AD AD/B



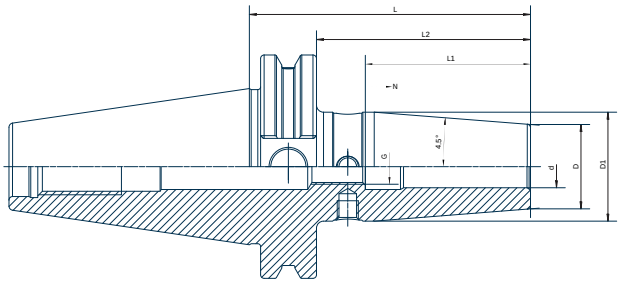


Обозначение	d	D	D1	L	L2	L1	N	G
SK40-SF06-200	6	21	32	200	180.9	36	10	M5
SK40-SF08-200	8	21	32	200	180.9	36	10	M6
SK40-SF10-200	10	24	34	200	180.9	42	10	M8x1
SK40-SF12-200	12	24	34	200	180.9	47	10	M10x1
SK40-SF14-200	14	27	42	200	180.9	47	10	M10x1
SK40-SF16-200	16	27	42	200	180.9	50	10	M12x1
SK40-SF18-200	18	33	50	200	180.9	50	10	M12x1
SK40-SF20-200	20	33	50	200	180.9	52	10	M16x1
SK40-SF25-200	25	44	50	200	180.9	58	10	M16x1
SK40-SF32-200	32	44	50	200	180.9	62	10	M16x1
SK50-SF06-80	6	21	27	80	60.9	36	10	M5
SK50-SF08-80	8	21	27	80	60.9	36	10	M6
SK50-SF10-80	10	24	31	80	60.9	42	10	M8x1
SK50-SF12-80	12	24	31	80	60.9	47	10	M10x1
SK50-SF14-80	14	27	34	80	60.9	47	10	M10x1
SK50-SF16-80	16	27	34	80	60.9	50	10	M12x1
SK50-SF18-80	18	33	40	80	60.9	50	10	M12x1
SK50-SF20-80	20	33	39.5	80	60.9	52	10	M16x1
SK50-SF25-90	25	44	52.5	90	70.9	58	10	M16x1
SK50-SF32-90	32	44	52.5	90	70.9	62	10	M16x1

Термопатроны 4.5°

A ↗	G	
≤0.003	G2.5	AD AD/B



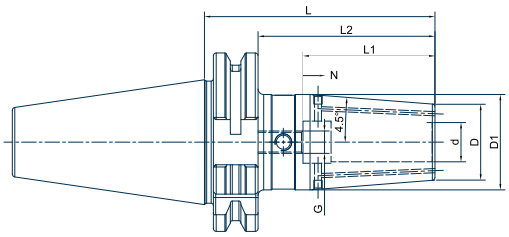


Обозначение	d	D	D1	L	L2	L1	N	G
SK50-SF06-120	6	21	27	120	100.9	36	10	M5
SK50-SF08-120	8	21	27	120	100.9	36	10	M6
SK50-SF10-120	10	24	32	120	100.9	42	10	M8x1
SK50-SF12-120	12	24	32	120	100.9	47	10	M10x1
SK50-SF14-120	14	27	34	120	100.9	47	10	M10x1
SK50-SF16-120	16	27	34	120	100.9	50	10	M12x1
SK50-SF18-120	18	33	42	120	100.9	50	10	M12x1
SK50-SF20-120	20	33	42	120	100.9	52	10	M16x1
SK50-SF25-120	25	44	53	120	100.9	58	10	M16x1
SK50-SF32-120	32	44	53	120	100.9	62	10	M16x1
SK50-SF06-160	6	21	32	160	140.9	36	10	M5
SK50-SF08-160	8	21	32	160	140.9	36	10	M6
SK50-SF10-160	10	24	34	160	140.9	42	10	M8x1
SK50-SF12-160	12	24	34	160	140.9	47	10	M10x1
SK50-SF14-160	14	27	42	160	140.9	47	10	M10x1
SK50-SF16-160	16	27	42	160	140.9	50	10	M12x1
SK50-SF18-160	18	33	51	160	140.9	50	10	M12x1
SK50-SF20-160	20	33	51	160	140.9	52	10	M16x1
SK50-SF25-160	25	44	60	160	140.9	58	10	M16x1
SK50-SF32-160	32	44	60	160	140.9	62	10	M16x1
SK50-SF06-200	6	21	32	200	180.9	36	10	M5
SK50-SF08-200	8	21	32	200	180.9	36	10	M6
SK50-SF10-200	10	24	34	200	180.9	42	10	M8x1
SK50-SF12-200	12	24	34	200	180.9	47	10	M10x1
SK50-SF14-200	14	27	42	200	180.9	47	10	M10x1
SK50-SF16-200	16	27	42	200	180.9	50	10	M12x1
SK50-SF18-200	18	33	51	200	180.9	50	10	M12x1
SK50-SF20-200	20	33	51	200	180.9	52	10	M16x1
SK50-SF25-200	25	44	60	200	180.9	58	10	M16x1
SK50-SF32-200	32	44	60	200	180.9	62	10	M16x1

Термопатрон 4.5°, с охлаждением

A ↗	G	
≤0.003	G2.5	AD AD/B



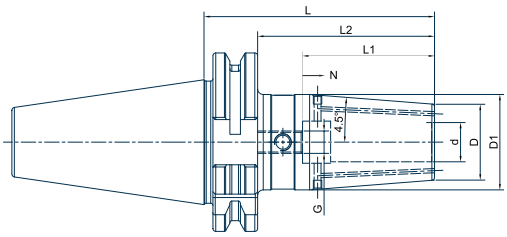


Обозначение	d	D	D1	L	L2	L1	N	G
SK40-SF03-80K	3	15	20	80	60.9	-	-	-
SK40-SF04-80K	4	15	20	80	60.9	-	-	-
SK40-SF05-80K	5	15	20	80	60.9	-	-	-
SK40-SF06-80K	6	21	27	80	60.9	36	10	M5
SK40-SF08-80K	8	21	27	80	60.9	36	10	M6
SK40-SF10-80K	10	24	32	80	60.9	42	10	M8x1
SK40-SF12-80K	12	24	32	80	60.9	47	10	M10x1
SK40-SF14-80K	14	27	34	80	60.9	47	10	M10x1
SK40-SF16-80K	16	27	34	80	60.9	50	10	M12x1
SK40-SF18-80K	18	33	42	80	60.9	50	10	M12x1
SK40-SF20-80K	20	33	42	80	60.9	52	10	M16x1
SK40-SF25-100K	25	44	50	100	80.9	58	10	M16x1
SK40-SF32-100K	32	44	50	100	80.9	62	10	M16x1
SK40-SF06-120K	6	21	27	120	100.9	36	10	M5
SK40-SF08-120K	8	21	27	120	100.9	36	10	M6
SK40-SF10-120K	10	24	32	120	100.9	42	10	M8x1
SK40-SF12-120K	12	24	32	120	100.9	47	10	M10x1
SK40-SF14-120K	14	27	34	120	100.9	47	10	M10x1
SK40-SF16-120K	16	27	34	120	100.9	50	10	M12x1
SK40-SF18-120K	18	33	42	120	100.9	50	10	M12x1
SK40-SF20-120K	20	33	42	120	100.9	52	10	M16x1
SK40-SF06-160K	6	21	32	160	140.9	36	10	M5
SK40-SF08-160K	8	21	32	160	140.9	36	10	M6
SK40-SF10-160K	10	24	34	160	140.9	42	10	M8x1
SK40-SF12-160K	12	24	34	160	140.9	47	10	M10x1
SK40-SF14-160K	14	27	42	160	140.9	47	10	M10x1
SK40-SF16-160K	16	27	42	160	140.9	50	10	M12x1
SK40-SF18-160K	18	33	50	160	140.9	50	10	M12x1
SK40-SF20-160K	20	33	50	160	140.9	52	10	M16x1

Термопатрон 4.5°, с охлаждением

A ↗	G	
≤0.003	G2.5	AD AD/B



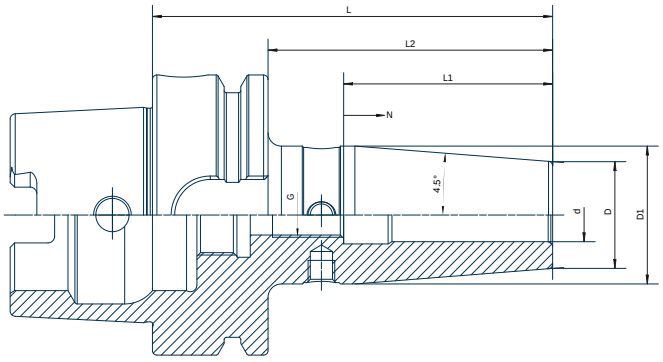


Обозначение	d	D	D1	L	L2	L1	N	G
SK50-SF06-80K	6	21	27	80	60.9	36	10	M5
SK50-SF08-80K	8	21	27	80	60.9	36	10	M6
SK50-SF10-80K	10	24	32	80	60.9	42	10	M8x1
SK50-SF12-80K	12	24	32	80	60.9	47	10	M10x1
SK50-SF14-80K	14	27	34	80	60.9	47	10	M10x1
SK50-SF16-80K	16	27	34	80	60.9	50	10	M12x1
SK50-SF18-80K	18	33	42	80	60.9	50	10	M12x1
SK50-SF20-80K	20	33	42	80	60.9	52	10	M16x1
SK50-SF25-90K	25	44	53	90	70.9	58	10	M16x1
SK50-SF32-90K	32	44	53	90	70.9	62	10	M16x1
SK50-SF06-120K	6	21	27	120	100.9	36	10	M5
SK50-SF08-120K	8	21	27	120	100.9	36	10	M6
SK50-SF10-120K	10	24	32	120	100.9	42	10	M8x1
SK50-SF12-120K	12	24	32	120	100.9	47	10	M10x1
SK50-SF14-120K	14	27	34	120	100.9	47	10	M10x1
SK50-SF16-120K	16	27	34	120	100.9	50	10	M12x1
SK50-SF18-120K	18	33	42	120	100.9	50	10	M12x1
SK50-SF20-120K	20	33	42	120	100.9	52	10	M16x1
SK50-SF25-120K	25	44	53	120	100.9	58	10	M16x1
SK50-SF32-120K	32	44	53	120	100.9	62	10	M16x1
SK50-SF06-160K	6	21	32	160	140.9	36	10	M5
SK50-SF08-160K	8	21	32	160	140.9	36	10	M6
SK50-SF10-160K	10	24	34	160	140.9	42	10	M8x1
SK50-SF12-160K	12	24	34	160	140.9	47	10	M10x1
SK50-SF14-160K	14	27	42	160	140.9	47	10	M10x1
SK50-SF16-160K	16	27	42	160	140.9	50	10	M12x1
SK50-SF18-160K	18	33	51	160	140.9	50	10	M12x1
SK50-SF20-160K	20	33	51	160	140.9	52	10	M16x1
SK50-SF25-160K	25	44	60	160	140.9	58	10	M16x1
SK50-SF32-160K	32	44	60	160	140.9	62	10	M16x1

Термопатроны 4.5°

A ↗	G	
≤0.003	G2.5	AD AD/B



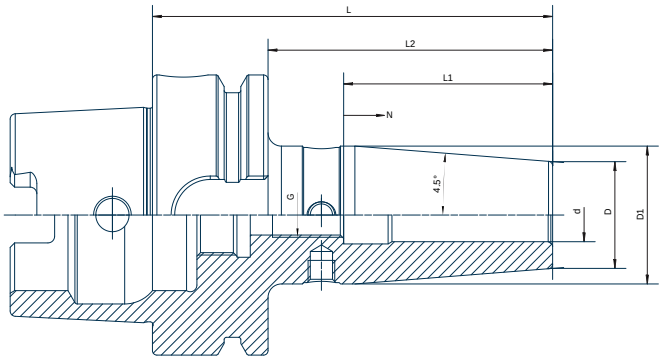


Обозначение	d	D	D1	L	L2	L1	N	G
HSK32A-SF03-65	3	15	20	65	45	-	-	-
HSK32A-SF04-65	4	15	20	65	45	-	-	-
HSK32A-SF05-65	5	15	20	65	45	-	-	-
HSK32A-SF06-75	6	21	26	75	55	36	10	M5
HSK32A-SF08-75	8	21	26	75	55	36	10	M6
HSK32A-SF10-75	10	24	29	75	55	42	10	M8x1
HSK32A-SF12-80	12	24	29	80	60	47	5	M10x1
HSK40A-SF03-60	3	15	20	60	40	-	-	-
HSK40A-SF04-60	4	15	20	60	40	-	-	-
HSK40A-SF05-60	5	15	20	60	40	-	-	-
HSK40A-SF06-80	6	21	27	80	60	36	10	M5
HSK40A-SF08-80	8	21	27	80	60	36	10	M6
HSK40A-SF10-80	10	24	32	80	60	42	10	M8x1
HSK40A-SF12-90	12	24	32	90	70	47	10	M10x1
HSK40A-SF14-90	14	27	34	90	70	47	10	M10x1
HSK40A-SF16-90	16	27	34	90	70	50	10	M12x1
HSK50A-SF03-80	3	15	20	80	54	-	-	-
HSK50A-SF04-80	4	15	20	80	54	-	-	-
HSK50A-SF05-80	5	15	20	80	54	-	-	-
HSK50A-SF06-80	6	21	27	80	54	36	10	M5
HSK50A-SF08-80	8	21	27	80	54	36	10	M6
HSK50A-SF10-85	10	24	32	85	59	42	10	M8x1
HSK50A-SF12-90	12	24	32	90	64	47	10	M10x1
HSK50A-SF14-90	14	27	34	90	64	47	10	M10x1
HSK50A-SF16-95	16	27	34	95	69	50	10	M12x1
HSK50A-SF18-95	18	33	42	95	69	50	10	M12x1
HSK50A-SF20-100	20	33	42	100	74	52	10	M16x1

Термопатроны 4.5°

A ↗	G	
≤0.003	G2.5	AD AD/B



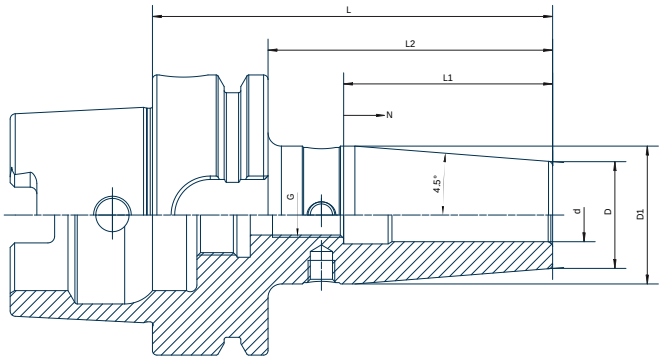


Обозначение	d	D	D1	L	L2	L1	N	G
HSK63A-SF03-80	3	15	20	80	54	-	-	-
HSK63A-SF04-80	4	15	20	80	54	-	-	-
HSK63A-SF05-80	5	15	20	80	54	-	-	-
HSK63A-SF06-80	6	21	26.5	80	54	36	10	M5
HSK63A-SF08-80	8	21	26.5	80	54	36	10	M6
HSK63A-SF10-85	10	24	30.5	85	59	42	10	M8x1
HSK63A-SF12-90	12	24	31	90	64	47	10	M10x1
HSK63A-SF14-90	14	27	34	90	64	47	10	M10x1
HSK63A-SF16-95	16	27	34	95	69	50	10	M12x1
HSK63A-SF18-95	18	33	41	95	69	50	10	M12x1
HSK63A-SF20-100	20	33	42	100	74	52	10	M16x1
HSK63A-SF25-115	25	44	52.5	115	89	58	10	M16x1
HSK63A-SF32-120	32	44	52.5	120	94	62	10	M16x1
HSK63A-SF03-120	3	15	20	120	94	-	-	-
HSK63A-SF04-120	4	15	20	120	94	-	-	-
HSK63A-SF05-120	5	15	20	120	94	-	-	-
HSK63A-SF06-120	6	21	27	120	94	36	10	M5
HSK63A-SF08-120	8	21	27	120	94	36	10	M6
HSK63A-SF10-120	10	24	32	120	94	42	10	M8x1
HSK63A-SF12-120	12	24	32	120	94	47	10	M10x1
HSK63A-SF14-120	14	27	34	120	94	47	10	M10x1
HSK63A-SF16-120	16	27	34	120	94	50	10	M12x1
HSK63A-SF18-120	18	33	42	120	94	50	10	M12x1
HSK63A-SF20-120	20	33	42	120	94	52	10	M16x1
HSK63A-SF25-120	25	44	52.5	120	94	58	10	M16x1

Термопатроны 4.5°

A ↗	G	
≤0.003	G2.5	AD AD/B



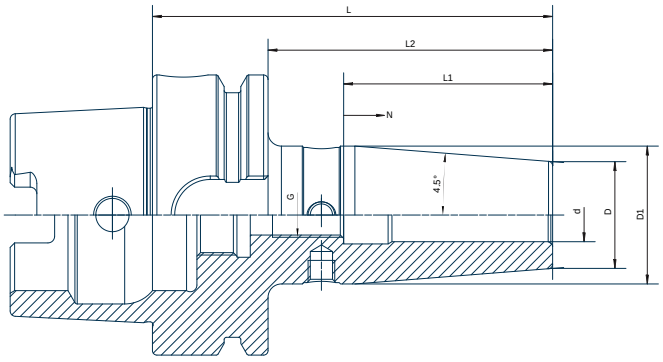


Обозначение	d	D	D1	L	L2	L1	N	G
HSK63A-SF03-160	3	15	25	160	134	-	-	-
HSK63A-SF04-160	4	15	25	160	134	-	-	-
HSK63A-SF05-160	5	15	25	160	134	-	-	-
HSK63A-SF06-160	6	21	32	160	134	36	10	M5
HSK63A-SF08-160	8	21	32	160	134	36	10	M6
HSK63A-SF10-160	10	24	34	160	134	42	10	M8x1
HSK63A-SF12-160	12	24	34	160	134	47	10	M10x1
HSK63A-SF14-160	14	27	42	160	134	47	10	M10x1
HSK63A-SF16-160	16	27	42	160	134	50	10	M12x1
HSK63A-SF18-160	18	33	51	160	134	50	10	M12x1
HSK63A-SF20-160	20	33	51	160	134	52	10	M16x1
HSK63A-SF25-160	25	44	52.5	160	134	58	10	M16x1
HSK63A-SF32-160	32	44	52.5	160	134	62	10	M16x1
HSK63A-SF06-200	6	21	32	200	174	36	10	M5
HSK63A-SF08-200	8	21	32	200	174	36	10	M6
HSK63A-SF10-200	10	24	34	200	174	42	10	M8x1
HSK63A-SF12-200	12	24	34	200	174	47	10	M10x1
HSK63A-SF14-200	14	27	42	200	174	47	10	M10x1
HSK63A-SF16-200	16	27	42	200	174	50	10	M12x1
HSK63A-SF18-200	18	33	51	200	174	50	10	M12x1
HSK63A-SF20-200	20	33	51	200	174	52	10	M16x1
HSK63A-SF25-200	25	44	52.5	200	174	58	10	M16x1
HSK63A-SF32-200	32	44	52.5	200	174	62	10	M16x1

Термопатроны 4.5°

A ↗	G	
≤0.003	G2.5	AD AD/B



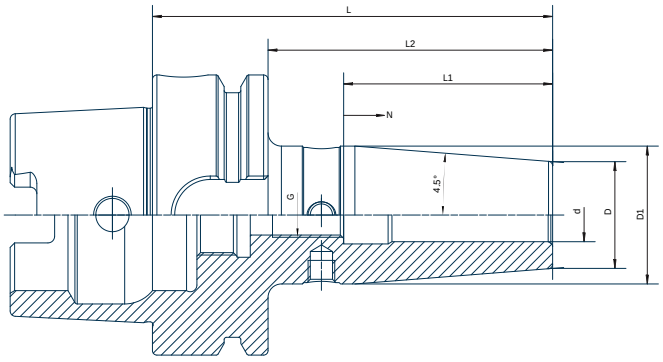


Обозначение	d	D	D1	L	L2	L1	N	G
HSK80A-SF06-85	6	21	27	85	59	36	10	M5
HSK80A-SF08-85	8	21	27	85	59	36	10	M6
HSK80A-SF10-90	10	24	32	90	64	42	10	M8x1
HSK80A-SF12-95	12	24	32	95	69	47	10	M10x1
HSK80A-SF14-95	14	27	34	95	69	47	10	M10x1
HSK80A-SF16-100	16	27	34	100	74	50	10	M12x1
HSK80A-SF18-100	18	33	42	100	74	50	10	M12x1
HSK80A-SF20-105	20	33	42	105	79	52	10	M16x1
HSK80A-SF25-115	25	44	53	115	89	58	10	M16x1
HSK80A-SF32-120	32	44	53	120	94	62	10	M16x1
HSK100A-SF03-85	3	15	20	85	56	-	-	-
HSK100A-SF04-85	4	15	20	85	56	-	-	-
HSK100A-SF05-85	5	15	20	85	56	-	-	-
HSK100A-SF06-85	6	21	26.5	85	56	36	10	M5
HSK100A-SF08-85	8	21	26.5	85	56	36	10	M6
HSK100A-SF10-90	10	24	30.5	90	61	42	10	M8x1
HSK100A-SF12-95	12	24	31	95	66	47	10	M10x1
HSK100A-SF14-95	14	27	34	95	66	47	10	M10x1
HSK100A-SF16-100	16	27	34	100	71	50	10	M12x1
HSK100A-SF18-100	18	33	41	100	71	50	10	M12x1
HSK100A-SF20-105	20	33	42	105	76	52	10	M16x1
HSK100A-SF25-115	25	44	53	115	86	58	10	M16x1
HSK100A-SF32-120	32	44	53	120	91	62	10	M16x1

Термопатроны 4.5°

A ↗	G	
≤0.003	G2.5	AD AD/B



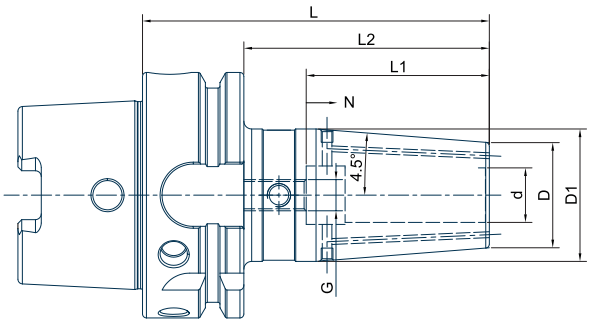


Обозначение	d	D	D1	L	L2	L1	N	G
HSK100A-SF06-120	6	21	27	120	91	36	10	M5
HSK100A-SF08-120	8	21	27	120	91	36	10	M6
HSK100A-SF10-120	10	24	32	120	91	42	10	M8x1
HSK100A-SF12-120	12	24	32	120	91	47	10	M10x1
HSK100A-SF14-120	14	27	34	120	91	47	10	M10x1
HSK100A-SF16-120	16	27	34	120	91	50	10	M12x1
HSK100A-SF18-120	18	33	42	120	91	50	10	M12x1
HSK100A-SF20-120	20	33	42	120	91	52	10	M16x1
HSK100A-SF25-120	25	44	53	120	91	58	10	M16x1
HSK100A-SF06-160	6	21	32	160	131	36	10	M5
HSK100A-SF08-160	8	21	32	160	131	36	10	M6
HSK100A-SF10-160	10	24	34	160	131	42	10	M8x1
HSK100A-SF12-160	12	24	34	160	131	47	10	M10x1
HSK100A-SF14-160	14	27	42	160	131	47	10	M10x1
HSK100A-SF16-160	16	27	42	160	131	50	10	M12x1
HSK100A-SF18-160	18	33	50.5	160	131	50	10	M12x1
HSK100A-SF20-160	20	33	50.5	160	131	52	10	M16x1
HSK100A-SF25-160	25	44	60	160	131	58	10	M16x1
HSK100A-SF32-160	32	44	60	160	131	62	10	M16x1
HSK100A-SF06-200	6	21	32	200	171	36	10	M5
HSK100A-SF08-200	8	21	32	200	171	36	10	M6
HSK100A-SF10-200	10	24	34	200	171	42	10	M8x1
HSK100A-SF12-200	12	24	34	200	171	47	10	M10x1
HSK100A-SF14-200	14	27	42	200	171	47	10	M10x1
HSK100A-SF16-200	16	27	42	200	171	50	10	M12x1
HSK100A-SF18-200	18	33	51	200	171	50	10	M12x1
HSK100A-SF20-200	20	33	51	200	171	52	10	M16x1
HSK100A-SF25-200	25	44	60	200	171	58	10	M16x1
HSK100A-SF32-200	32	44	60	200	171	62	10	M16x1

Термопатроны 4.5°, с охлаждением

A ↗	G	
≤0.003	G2.5	AD AD/B



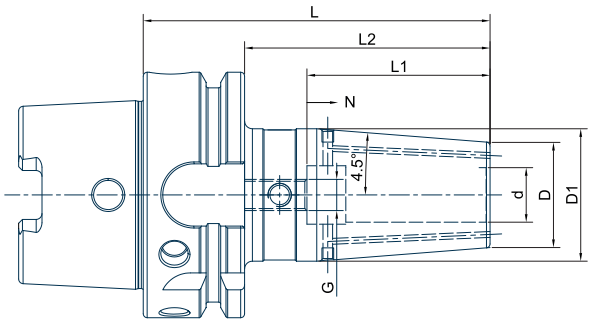


Обозначение	d	D	D1	L	L2	L1	N	G
HSK63A-SF03-80K	3	15	20	80	54	-	-	-
HSK63A-SF04-80K	4	15	20	80	54	-	-	-
HSK63A-SF05-80K	5	15	20	80	54	-	-	-
HSK63A-SF06-80K	6	21	26.5	80	54	36	10	M5
HSK63A-SF08-80K	8	21	26.5	80	54	36	10	M6
HSK63A-SF10-85K	10	24	30.5	85	59	42	10	M8x1
HSK63A-SF12-90K	12	24	31	90	64	47	10	M10x1
HSK63A-SF14-90K	14	27	34	90	64	47	10	M10x1
HSK63A-SF16-95K	16	27	34	95	69	50	10	M12x1
HSK63A-SF18-95K	18	33	41	95	69	50	10	M12x1
HSK63A-SF20-100K	20	33	42	100	74	52	10	M16x1
HSK63A-SF25-115K	25	44	52.5	115	89	58	10	M16x1
HSK63A-SF32-120K	32	44	52.5	120	94	62	10	M16x1
HSK63A-SF03-120K	3	15	20	120	94	-	-	-
HSK63A-SF04-120K	4	15	20	120	94	-	-	-
HSK63A-SF05-120K	5	15	20	120	94	-	-	-
HSK63A-SF06-120K	6	21	27	120	94	36	10	M5
HSK63A-SF08-120K	8	21	27	120	94	36	10	M6
HSK63A-SF10-120K	10	24	32	120	94	42	10	M8x1
HSK63A-SF12-120K	12	24	32	120	94	47	10	M10x1
HSK63A-SF14-120K	14	27	34	120	94	47	10	M10x1
HSK63A-SF16-120K	16	27	34	120	94	50	10	M12x1
HSK63A-SF18-120K	18	33	42	120	94	50	10	M12x1
HSK63A-SF20-120K	20	33	42	120	94	52	10	M16x1
HSK63A-SF25-120K	25	44	52.5	120	94	58	10	M16x1

Термопатрон 4.5°, с охлаждением

A ↗	G	
≤0.003	G2.5	AD AD/B



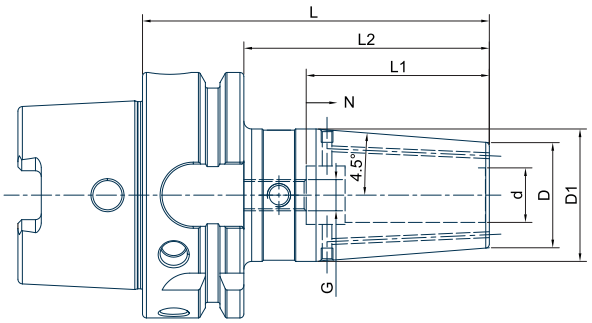


Обозначение	d	D	D1	L	L2	L1	N	G
HSK63A-SF03-160K	3	15	25	160	134	-	-	-
HSK63A-SF04-160K	4	15	25	160	134	-	-	-
HSK63A-SF05-160K	5	15	25	160	134	-	-	-
HSK63A-SF06-160K	6	21	32	160	134	36	10	M5
HSK63A-SF08-160K	8	21	32	160	134	36	10	M6
HSK63A-SF10-160K	10	24	34	160	134	42	10	M8x1
HSK63A-SF12-160K	12	24	34	160	134	47	10	M10x1
HSK63A-SF14-160K	14	27	42	160	134	47	10	M10x1
HSK63A-SF16-160K	16	27	42	160	134	50	10	M12x1
HSK63A-SF18-160K	18	33	51	160	134	50	10	M12x1
HSK63A-SF20-160K	20	33	51	160	134	52	10	M16x1
HSK63A-SF25-160K	25	44	52.5	160	134	58	10	M16x1
HSK63A-SF32-160K	32	44	52.5	160	134	62	10	M16x1
HSK100A-SF06-85K	6	21	26.5	85	56	36	10	M5
HSK100A-SF08-85K	8	21	26.5	85	56	36	10	M6
HSK100A-SF10-90K	10	24	30.5	90	61	42	10	M8x1
HSK100A-SF12-95K	12	24	31	95	66	47	10	M10x1
HSK100A-SF14-95K	14	27	34	95	66	47	10	M10x1
HSK100A-SF16-100K	16	27	34	100	71	50	10	M12x1
HSK100A-SF18-100K	18	33	42	100	71	50	10	M12x1
HSK100A-SF20-105K	20	33	42	105	76	52	10	M16x1
HSK100A-SF25-115K	25	44	53	115	86	58	10	M16x1
HSK100A-SF32-120K	32	44	53	120	91	62	10	M16x1

Термопатрон 4.5°, с охлаждением

A ↗	G	
≤0.003	G2.5	AD AD/B



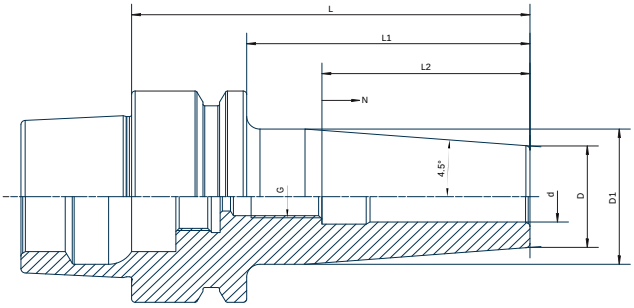


Обозначение	d	D	D1	L	L2	L1	N	G
HSK100A-SF06-120K	6	21	27	120	91	36	10	M5
HSK100A-SF08-120K	8	21	27	120	91	36	10	M6
HSK100A-SF10-120K	10	24	32	120	91	42	10	M8x1
HSK100A-SF12-120K	12	24	32	120	91	47	10	M10x1
HSK100A-SF14-120K	14	27	34	120	91	47	10	M10x1
HSK100A-SF16-120K	16	27	34	120	91	50	10	M12x1
HSK100A-SF18-120K	18	33	42	120	91	50	10	M12x1
HSK100A-SF20-120K	20	33	42	120	91	52	10	M16x1
HSK100A-SF25-120K	25	44	53	120	91	58	10	M16x1
HSK100A-SF06-160K	6	21	32	160	131	36	10	M5
HSK100A-SF08-160K	8	21	32	160	131	36	10	M6
HSK100A-SF10-160K	10	24	34	160	131	42	10	M8x1
HSK100A-SF12-160K	12	24	34	160	131	47	10	M10x1
HSK100A-SF14-160K	14	27	42	160	131	47	10	M10x1
HSK100A-SF16-160K	16	27	42	160	131	50	10	M12x1
HSK100A-SF18-160K	18	33	51	160	131	50	10	M12x1
HSK100A-SF20-160K	20	33	51	160	131	52	10	M16x1
HSK100A-SF25-160K	25	44	60	160	131	58	10	M16x1
HSK100A-SF32-160K	32	44	60	160	131	62	10	M16x1

Термопатроны 4.5°

A ↗	G	
≤0.003	G2.5	AD AD/B



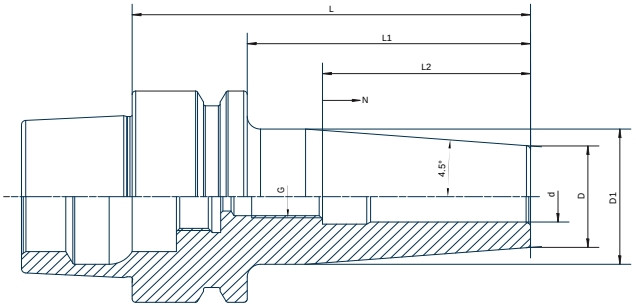


Обозначение	d	D	D1	L	L2	L1	N	G
HSK25E-SF06-50	6	15	19	50	40	36	5	M5
HSK32E-SF03-60	3	15	20	60	40	-	-	-
HSK32E-SF04-60	4	15	20	60	40	-	-	-
HSK32E-SF05-60	5	15	20	60	40	-	-	-
HSK32E-SF06-70	6	20	26	70	50	36	10	M5
HSK32E-SF08-70	8	20	26	70	50	36	10	M6
HSK32E-SF10-70	10	24	29	70	50	42	10	M8x1
HSK32E-SF12-70	12	24	29	70	50	47	10	M10x1
HSK40E-SF03-60	3	15	20	60	40	-	-	-
HSK40E-SF04-60	4	15	20	60	40	-	-	-
HSK40E-SF05-60	5	15	20	60	40	-	-	-
HSK40E-SF06-65	6	21	27	65	45	36	10	M5
HSK40E-SF08-65	8	21	27	65	45	36	10	M6
HSK40E-SF10-65	10	24	30	65	45	42	10	M8x1
HSK40E-SF12-65	12	24	30	65	45	47	10	M10x1
HSK40E-SF03-80	3	15	20	80	60	-	-	-
HSK40E-SF04-80	4	15	20	80	60	-	-	-
HSK40E-SF05-80	5	15	20	80	60	-	-	-
HSK40E-SF06-80	6	21	27	80	60	36	10	M5
HSK40E-SF08-80	8	21	27	80	60	36	10	M6
HSK40E-SF10-80	10	24	32	80	60	42	10	M8x1
HSK40E-SF12-90	12	24	32	90	70	47	10	M10x1
HSK40E-SF16-90	16	27	34	90	70	50	10	M12x1
HSK40E-SF03-120	3	15	20	120	100	-	-	-
HSK40E-SF04-120	4	15	20	120	100	-	-	-
HSK40E-SF05-120	5	15	20	120	100	-	-	-
HSK40E-SF06-120	6	21	27	120	100	36	10	M5
HSK40E-SF08-120	8	21	27	120	100	36	10	M6
HSK40E-SF10-120	10	24	32	120	100	42	10	M8x1
HSK40E-SF12-120	12	24	32	120	100	47	10	M10x1

Термопатроны 4.5°

A ↗	G	
≤0.003	G2.5	AD AD/B



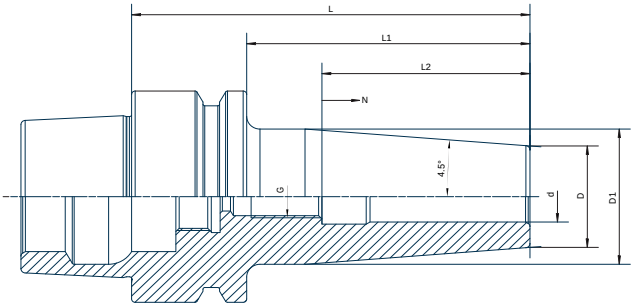


Обозначение	d	D	D1	L	L2	L1	N	G
HSK50E-SF03-80	3	15	20	80	54	-	-	-
HSK50E-SF04-80	4	15	20	80	54	-	-	-
HSK50E-SF05-80	5	15	20	80	54	-	-	-
HSK50E-SF06-80	6	21	27	80	54	36	10	M5
HSK50E-SF08-80	8	21	27	80	54	36	10	M6
HSK50E-SF10-85	10	24	32	85	59	42	10	M8x1
HSK50E-SF12-90	12	24	32	90	64	47	10	M10x1
HSK50E-SF14-90	14	27	34	90	64	47	10	M10x1
HSK50E-SF16-95	16	27	34	95	69	50	10	M12x1
HSK50E-SF18-95	18	33	41	95	69	50	10	M12x1
HSK50E-SF20-100	20	33	41	100	74	52	10	M16x1
HSK50E-SF03-80	3	15	20	80	54	-	-	-
HSK50E-SF04-80	4	15	20	80	54	-	-	-
HSK50E-SF05-80	5	15	20	80	54	-	-	-
HSK50E-SF06-80	6	21	27	80	54	36	10	M5
HSK50E-SF08-80	8	21	27	80	54	36	10	M6
HSK50E-SF10-85	10	24	32	85	59	42	10	M8x1
HSK50E-SF12-90	12	24	32	90	64	47	10	M10x1
HSK50E-SF16-95	16	27	34	95	69	50	10	M12x1
HSK63E-SF06-90	6	21	27	90	64	36	10	M5
HSK63E-SF08-90	8	21	27	90	64	36	10	M6
HSK63E-SF10-90	10	24	32	90	64	42	10	M8x1
HSK63E-SF12-90	12	24	32	90	64	47	10	M10x1
HSK63E-SF14-90	14	27	34	90	64	47	10	M10x1
HSK63E-SF16-95	16	27	34	95	69	50	10	M12x1
HSK63E-SF18-95	18	33	42	95	69	50	10	M12x1
HSK63E-SF20-100	20	33	42	100	74	52	10	M16x1
HSK63E-SF25-115	25	44	53	115	89	58	10	M16x1

Термопатроны 4.5°

A ↗	G	
≤0.003	G2.5	AD AD/B



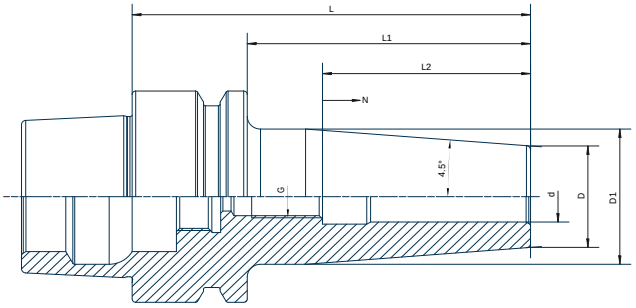


Обозначение	d	D	D1	L	L2	L1	N	G
HSK40F-SF03-60	3	15	20	60	40	-	-	-
HSK40F-SF04-60	4	15	20	60	40	-	-	-
HSK40F-SF05-60	5	15	20	60	40	-	-	-
HSK40F-SF06-65	6	21	27	65	45	36	5	M5
HSK40F-SF08-65	8	21	27	65	45	36	5	M6
HSK40F-SF10-65	10	24	31	65	45	42	5	M8x1
HSK40F-SF12-65	12	24	31	65	45	42	5	M10x1
HSK40F-SF06-80	6	21	27	80	60	36	10	M5
HSK40F-SF08-80	8	21	27	80	60	36	10	M6
HSK40F-SF10-80	10	24	32	80	60	42	10	M8x1
HSK40F-SF12-90	12	24	32	90	70	47	10	M10x1
HSK40F-SF16-90	16	27	34	90	70	50	10	M12x1
HSK63F-SF03-90	3	15	20	90	64	-	-	-
HSK63F-SF04-90	4	15	20	90	54	-	-	-
HSK63F-SF05-90	5	15	20	90	54	-	-	-
HSK63F-SF06-90	6	21	27	90	64	36	10	M5
HSK63F-SF08-90	8	21	27	90	64	36	10	M6
HSK63F-SF10-90	10	24	32	90	64	42	10	M8x1
HSK63F-SF12-90	12	24	32	90	64	47	10	M10x1
HSK63F-SF14-95	14	27	34	95	69	47	10	M10x1
HSK63F-SF16-95	16	27	34	95	69	50	10	M12x1
HSK63F-SF18-95	18	33	42	95	69	50	10	M12x1
HSK63F-SF20-100	20	33	42	100	74	52	10	M16x1
HSK63F-SF25-115	25	36	42	115	89	58	10	M16x1

Термопатроны 4.5°

A ↗	G	
≤0.003	G2.5	AD AD/B



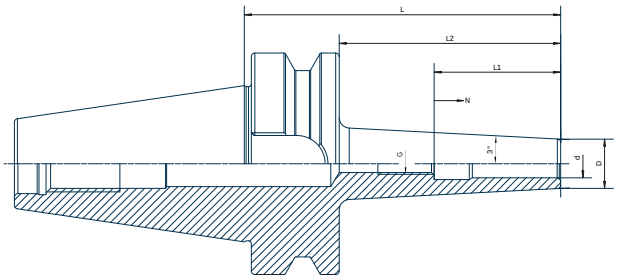


Обозначение	d	D	D1	L	L2	L1	N	G
HSK63F-SF03-120	3	15	20	120	94	-	-	-
HSK63F-SF04-120	4	15	20	120	94	-	-	-
HSK63F-SF05-120	5	15	20	120	94	-	-	-
HSK63F-SF06-120	6	21	27	120	94	36	10	M5
HSK63F-SF08-120	8	21	27	120	94	36	10	M6
HSK63F-SF10-120	10	24	32	120	94	42	10	M8x1
HSK63F-SF12-120	12	24	32	120	94	47	10	M10x1
HSK63F-SF14-120	14	27	34	120	94	47	10	M10x1
HSK63F-SF16-120	16	27	34	120	94	50	10	M12x1
HSK63F-SF18-120	18	33	42	120	94	50	10	M12x1
HSK63F-SF20-120	20	33	42	120	94	52	10	M16x1
HSK63F-SF03-160	3	15	27	160	134	-	-	-
HSK63F-SF04-160	4	15	27	160	134	-	-	-
HSK63F-SF05-160	5	15	27	160	134	-	-	-
HSK63F-SF06-160	6	21	32	160	134	36	10	M5
HSK63F-SF08-160	8	21	32	160	134	36	10	M6
HSK63F-SF10-160	10	24	34	160	134	42	10	M8x1
HSK63F-SF12-160	12	24	34	160	134	47	10	M10x1
HSK63F-SF14-160	14	27	42	160	134	47	10	M10x1
HSK63F-SF16-160	16	27	42	160	134	50	10	M12x1
HSK63F-SF18-160	18	33	51	160	134	50	10	M12x1
HSK63F-SF20-160	20	33	51	160	134	52	10	M16x1

Термопатроны, 3°

A ↗	G	
≤0.003	G2.5	AD AD/B



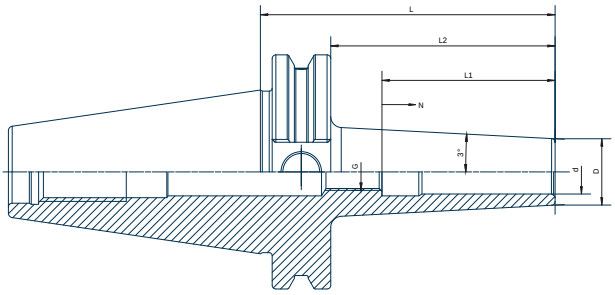


Обозначение	d	D	L	L2	L1	N	G
BT30-SFS03-80	3	9	80	58	-	-	-
BT30-SFS04-80	4	10	80	58	-	-	-
BT30-SFS06-80	6	12	80	58	36	10	M5
BT30-SFS08-80	8	14	80	58	36	10	M6
BT30-SFS10-80	10	16	80	58	42	10	M8x1
BT30-SFS12-80	12	18	80	58	47	10	M10x1
BT30-SFS16-80	16	22	80	58	50	10	M12x1
BT40-SFS03-90	3	9	90	63	-	-	-
BT40-SFS04-90	4	10	90	63	-	-	-
BT40-SFS06-90	6	12	90	63	36	10	M5
BT40-SFS08-90	8	14	90	63	36	10	M6
BT40-SFS10-90	10	16	90	63	42	10	M8x1
BT40-SFS12-90	12	18	90	63	47	10	M10x1
BT40-SFS16-90	16	22	90	63	50	10	M12x1
BT40-SFS03-120	3	9	120	93	-	-	-
BT40-SFS04-120	4	10	120	93	-	-	-
BT40-SFS06-120	6	12	120	93	36	10	M5
BT40-SFS08-120	8	14	120	93	36	10	M6
BT40-SFS10-120	10	16	120	93	42	10	M8x1
BT40-SFS12-120	12	18	120	93	47	10	M10x1
BT40-SFS16-120	16	22	120	93	50	10	M12x1
BT40-SFS03-160	3	9	160	133	-	-	-
BT40-SFS04-160	4	10	160	133	-	-	-
BT40-SFS06-160	6	12	160	133	36	10	M5
BT40-SFS08-160	8	14	160	133	36	10	M6
BT40-SFS10-160	10	16	160	133	42	10	M8x1
BT40-SFS12-160	12	18	160	133	47	10	M10x1
BT40-SFS16-160	16	22	160	133	50	10	M12x1

Термопатроны, 3°

A ↗	G	
≤0.003	G2.5	AD AD/B



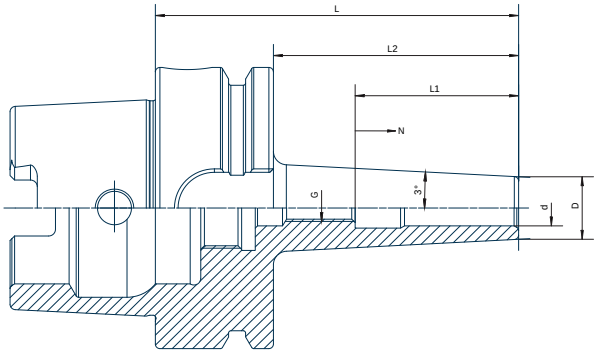


Обозначение	d	D	L	L2	L1	N	G
SK40-SFS03-90	3	9	90	70.9	-	-	-
SK40-SFS04-90	4	10	90	70.9	-	-	-
SK40-SFS06-90	6	12	90	70.9	36	10	M5
SK40-SFS08-90	8	14	90	70.9	36	10	M6
SK40-SFS10-90	10	16	90	70.9	42	10	M8x1
SK40-SFS12-90	12	18	90	70.9	47	10	M10x1
SK40-SFS16-90	16	22	90	70.9	50	10	M12x1
SK40-SFS03-120	3	9	120	100.9	-	-	-
SK40-SFS04-120	4	10	120	100.9	-	-	-
SK40-SFS06-120	6	12	120	100.9	36	10	M5
SK40-SFS08-120	8	14	120	100.9	36	10	M6
SK40-SFS10-120	10	16	120	100.9	42	10	M8x1
SK40-SFS12-120	12	18	120	100.9	47	10	M10x1
SK40-SFS16-120	16	22	120	100.9	50	10	M12x1
SK40-SFS03-160	3	9	160	140.9	-	-	-
SK40-SFS04-160	4	10	160	140.9	-	-	-
SK40-SFS06-160	6	12	160	140.9	36	10	M5
SK40-SFS08-160	8	14	160	140.9	36	10	M6
SK40-SFS10-160	10	16	160	140.9	42	10	M8x1
SK40-SFS12-160	12	18	160	140.9	47	10	M10x1
SK40-SFS16-160	16	22	160	140.9	50	10	M12x1

Термопатроны, 3°

A ↗	G	
≤0.003	G2.5	AD AD/B



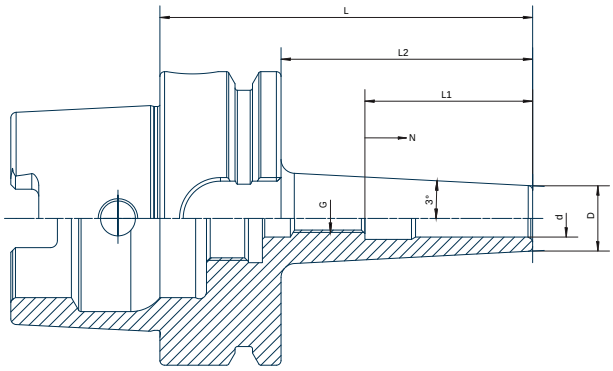


Обозначение	d	D	L	L2	L1	N	G
HSK50A-SFS03-80	3	9	80	54	-	-	-
HSK50A-SFS04-80	4	10	80	54	-	-	-
HSK50A-SFS06-80	6	12	80	54	36	10	M5
HSK50A-SFS08-80	8	14	80	54	36	10	M6
HSK50A-SFS10-85	10	16	85	59	42	10	M8x1
HSK50A-SFS12-90	12	18	90	64	47	10	M10x1
HSK50A-SFS16-95	16	22	95	69	50	10	M12x1
HSK63A-SFS03-80	3	9	80	54	-	-	-
HSK63A-SFS04-80	4	10	80	54	-	-	-
HSK63A-SFS06-80	6	12	80	54	36	10	M5
HSK63A-SFS08-80	8	14	80	54	36	10	M6
HSK63A-SFS10-85	10	16	85	59	42	10	M8x1
HSK63A-SFS12-90	12	18	90	64	47	10	M10x1
HSK63A-SFS16-95	16	22	95	69	50	10	M12x1
HSK63A-SFS03-120	3	9	120	94	-	-	-
HSK63A-SFS04-120	4	10	120	94	-	-	-
HSK63A-SFS06-120	6	12	120	94	36	10	M5
HSK63A-SFS08-120	8	14	120	94	36	10	M6
HSK63A-SFS10-120	10	16	120	94	42	10	M8x1
HSK63A-SFS12-120	12	18	120	94	47	10	M10x1
HSK63A-SFS16-120	16	22	120	94	50	10	M12x1
HSK63A-SFS03-160	3	9	160	134	-	-	-
HSK63A-SFS04-160	4	10	160	134	-	-	-
HSK63A-SFS06-160	6	12	160	134	36	10	M5
HSK63A-SFS08-160	8	14	160	134	36	10	M6
HSK63A-SFS10-160	10	16	160	134	42	10	M8x1
HSK63A-SFS12-160	12	18	160	134	47	10	M10x1
HSK63A-SFS16-160	16	22	160	134	50	10	M12x1

Термопатроны, 3°

A ↗	G	
≤0.003	G2.5	AD AD/B

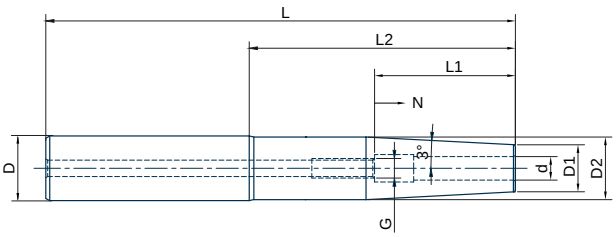




Обозначение	d	D	L	L2	L1	N	G
HSK25E-SFS03-50	3	9	50	33	23	8	M6
HSK25E-SFS04-50	4	10	50	33	20	4	M6
HSK25E-SFS05-50	5	11	50	33	20	3	M6
HSK25E-SFS06-50	6	12	50	33	36	–	–
HSK25E-SFS08-50	8	14	50	38	36	–	–
HSK25E-SFS10-50	10	16	50	40	42	–	–
HSK32E-SFS03-60	3	9	60	44	20	5	M6
HSK32E-SFS04-60	4	10	60	44	20	5	M6
HSK32E-SFS06-70	6	12	70	54	36	5	M5
HSK32E-SFS08-70	8	14	70	54	36	5	M6
HSK32E-SFS10-80	10	16	80	64	42	5	M8x1
HSK40E-SFS03-50	3	9	50	30	20	–	–
HSK40E-SFS04-50	4	10	50	30	20	–	–
HSK40E-SFS06-60	6	12	60	40	36	10	M5
HSK40E-SFS08-60	8	14	60	40	36	10	–
HSK40E-SFS10-60	10	16	60	40	42	10	–
HSK40E-SFS12-60	12	18	60	40	42	10	–
HSK40E-SFS16-70	16	22	70	50	50	10	–
HSK50E-SFS03-60	3	9	60	34	20	–	–
HSK50E-SFS04-80	4	10	80	54	20	–	–
HSK50E-SFS06-80	6	12	80	54	36	10	M5
HSK50E-SFS08-80	8	14	80	54	36	10	M6
HSK50E-SFS10-90	10	16	90	64	42	10	M8x1
HSK50E-SFS12-90	12	18	90	64	47	10	M10x1
HSK50E-SFS16-90	16	22	90	64	50	10	M16x1

Удлиннители с конусом 3°

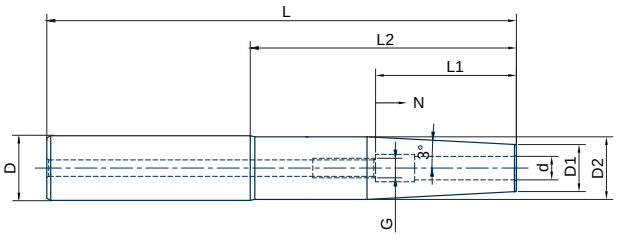




Обозначение	d	D1	D2	D	L	L1	L2	N	G	
C12-SFS03-120	3	9	11.8	12	120	-	73	-	-	1
C12-SFS04-120	4	10	11.8	12	120	-	73	-	-	1
C12-SFS05-120	5	11	11.8	12	120	-	73	-	-	1
C12-SFS06-120	6	12	17	12	120	36	73	10	M5	3
C12-SFS08-120	8	14	19	12	120	36	73	10	M6	3
C16-SFS03-120	3	9	13	16	120	-	70	-	-	1
C16-SFS04-120	4	10	14	16	120	-	70	-	-	1
C16-SFS05-120	5	11	15	16	120	-	70	-	-	1
C16-SFS06-120	6	12	15.8	16	120	36	70	10	M5	2
C16-SFS08-120	8	14	19	16	120	36	70	10	M6	3
C20-SFS03-120	3	9	13	20	120	-	68	-	-	1
C20-SFS04-120	4	10	14	20	120	-	68	-	-	1
C20-SFS05-120	5	11	15	20	120	-	68	-	-	1
C20-SFS06-120	6	12	16	20	120	36	68	10	M5	1
C20-SFS08-120	8	14	19	20	120	36	68	10	M6	1
C20-SFS10-120	10	16	19.8	20	120	42	68	10	M8x1	1
C20-SFS12-120	12	18	19.8	20	120	47	68	10	M10x1	1
C12-SFS03-160	3	9	11.8	12	160	-	113	-	-	1
C12-SFS04-160	4	10	11.8	12	160	-	113	-	-	1
C16-SFS03-160	3	9	13	16	160	-	110	-	-	1
C16-SFS04-160	4	10	14	16	160	-	110	-	-	1
C16-SFS05-160	5	11	15	16	160	-	110	-	-	1
C20-SFS05-160	5	11	15	20	160	-	110	-	-	1
C20-SFS06-160	6	12	16	20	160	36	108	10	M5	1
C20-SFS08-160	8	14	19	20	160	36	108	10	M6	1
C25-SFS08-160	8	14	19	25	160	36	108	10	M6	1
C25-SFS10-160	10	16	21	25	160	42	108	10	M8x1	1
C25-SFS12-160	12	18	23	25	160	47	108	10	M10x1	1
C25-SFS14-160	14	20	24.8	25	160	47	108	10	M10x1	1
C25-SFS16-160	16	22	24.8	25	160	50	108	10	M12x1	1

Удлиннители с конусом 3°



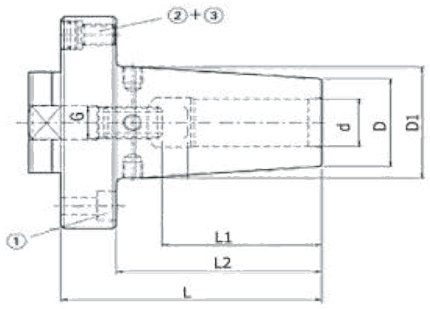


Обозначение	d	D1	D2	D	L	L1	L2	N	G	
C32-SFS10-160	10	16	21	32	160	42	98	10	M8x1	1
C32-SFS12-160	12	18	23	32	160	47	98	10	M10x1	1
C32-SFS14-160	14	20	25	32	160	47	98	10	M10x1	1
C32-SFS16-160	16	22	28	32	160	50	98	10	M12x1	1
C32-SFS18-160	18	25	30	32	160	50	98	10	M12x1	1
C32-SFS20-160	20	26	31.8	32	160	52	98	10	M16x1	1
C16-SFS03-200	3	9	13	16	200	-	150	-	-	1
C16-SFS04-200	4	10	14	16	200	-	150	-	-	1
C16-SFS05-200	5	11	15	16	200	-	150	-	-	1
C16-SFS06-200	6	12	15.8	16	200	36	150	10	M5	1
C16-SFS08-200	8	14	19	16	200	36	150	10	M6	3
C20-SFS04-200	4	10	14	20	200	-	148	-	-	1
C20-SFS06-200	6	12	16	20	200	36	148	10	M5	1
C20-SFS08-200	8	14	19	20	200	36	148	10	M6	1
C20-SFS10-200	10	16	19.8	20	200	42	148	10	M8x1	1
C20-SFS06-250	6	12	16	20	250	36	198	10	M5	1
C20-SFS08-250	8	14	19	20	250	36	198	10	M6	1
C20-SFS10-250	10	16	19.8	20	250	42	198	10	M8x1	1
C25-SFS12-250	12	18	23	25	250	47	192	10	M10x1	1
C25-SFS16-250	16	22	28	25	250	50	192	10	M12x1	1

Модульные термопатроны

A ↗	G	
≤0.003	G2.5	AD AD/B



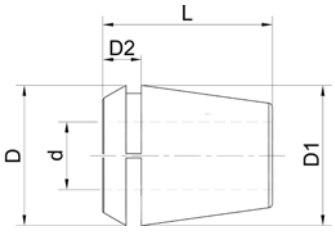


Обозначение	d	D	D1	L	L2	L1	N	G
MOD60-SF06-70	6	21	27	70	57	36	10	M5
MOD60-SF08-70	8	21	27	70	57	36	10	M6
MOD60-SF10-70	10	24	32	70	57	41	10	M8x1
MOD60-SF12-70	12	24	32	70	57	46	10	M10x1
MOD70-SF14-75	14	27	34	75	60	46	10	M10x1
MOD70-SF16-75	16	27	34	75	60	49	10	M12x1
MOD80-SF18-80	18	33	42	80	63	49	10	M12x1
MOD80-SF20-80	20	33	42	80	63	51	10	M16x1
MOD100-SF25-80	25	44	53	80	59	57	10	M16x1
MOD100-SF32-80	32	44	53	80	59	61	10	M16x1

Цанги с термозажимом

A ↗	G	
≤0.003	G2.5	AD AD/B



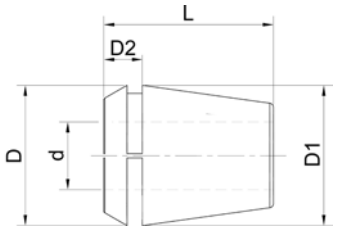


Обозначение	Размер цанги	d	D1	D2	L
ER16-SF03	ER16	3	16	6.7	27.5
ER16-SF04	ER16	4	16	6.7	27.5
ER16-SF05	ER16	5	16	6.7	27.5
ER16-SF06	ER16	6	16	6.7	27.5
ER16-SF08	ER16	8	16	6.7	27.5
ER16-SF10	ER16	10	16	6.7	27.5
ER20-SF03	ER20	3	20	7.52	31.5
ER20-SF04	ER20	4	20	7.52	31.5
ER20-SF05	ER20	5	20	7.52	31.5
ER20-SF06	ER20	6	20	7.52	31.5
ER20-SF08	ER20	8	20	7.52	31.5
ER20-SF10	ER20	10	20	7.52	31.5
ER20-SF12	ER20	12	20	7.52	31.5
ER25-SF03	ER25	3	25	8	34
ER25-SF04	ER25	4	25	8	34
ER25-SF05	ER25	5	25	8	34
ER25-SF06	ER25	6	25	8	34
ER25-SF08	ER25	8	25	8	34
ER25-SF10	ER25	10	25	8	34
ER25-SF12	ER25	12	25	8	34
ER25-SF14	ER25	14	25	8	34
ER25-SF16	ER25	16	25	8	34

Цанги с термозажимом

A ↗	G	
≤0.003	G2.5	AD AD/B



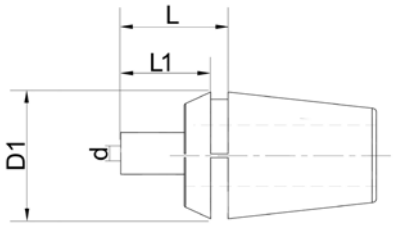


Обозначение	Размер цанги	d	D1	D2	L
ER32-SF03	ER32	3	32	9	40
ER32-SF04	ER32	4	32	9	40
ER32-SF05	ER32	5	32	9	40
ER32-SF06	ER32	6	32	9	40
ER32-SF08	ER32	8	32	9	40
ER32-SF10	ER32	10	32	9	40
ER32-SF12	ER32	12	32	9	40
ER32-SF14	ER32	14	32	9	40
ER32-SF16	ER32	16	32	9	40
ER32-SF18	ER32	18	32	9	40
ER32-SF20	ER32	20	32	9	40

Цанги с удлиннителем

A ↗	G	
≤0.003	G2.5	AD AD/B



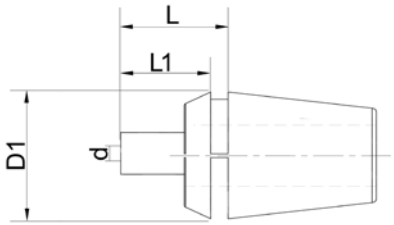


Обозначение	Размер цанги	d	D1	L	L1
ER16-SFS03-35	ER16	3	16	41.7	35
ER16-SFS04-35	ER16	4	16	41.7	35
ER16-SFS05-35	ER16	5	16	41.7	35
ER16-SFS06-35	ER16	6	16	41.7	35
ER16-SFS08-35	ER16	8	16	41.7	35
ER16-SFS10-35	ER16	10	16	41.7	35
ER20-SFS03-35	ER20	3	20	42.52	35
ER20-SFS04-35	ER20	4	20	42.52	35
ER20-SFS05-35	ER20	5	20	42.52	35
ER20-SFS06-35	ER20	6	20	42.52	35
ER20-SFS08-35	ER20	8	20	42.52	35
ER20-SFS10-35	ER20	10	20	42.52	35
ER20-SFS12-35	ER20	12	20	42.52	35
ER25-SFS03-35	ER25	3	25	43	35
ER25-SFS04-35	ER25	4	25	43	35
ER25-SFS05-35	ER25	5	25	43	35
ER25-SFS06-35	ER25	6	25	43	35
ER25-SFS08-35	ER25	8	25	43	35
ER25-SFS10-35	ER25	10	25	43	35
ER25-SFS12-35	ER25	12	25	43	35
ER25-SFS14-35	ER25	14	25	43	35
ER25-SFS16-35	ER25	16	25	43	35

Цанги с удлиннителем

A ↗	G	
≤0.003	G2.5	AD AD/B





Обозначение	Размер цанги	d	D1	L	L1
ER32-SFS03-35	ER32	3	32	44	35
ER32-SFS04-35	ER32	4	32	44	35
ER32-SFS05-35	ER32	5	32	44	35
ER32-SFS06-35	ER32	6	32	44	35
ER32-SFS08-35	ER32	8	32	44	35
ER32-SFS10-35	ER32	10	32	44	35
ER32-SFS12-35	ER32	12	32	44	35
ER32-SFS14-35	ER32	14	32	44	35
ER32-SFS16-35	ER32	16	32	44	35
ER32-SFS18-35	ER32	18	32	44	35
ER32-SFS20-35	ER32	20	32	44	35

Наборы термопатронов

A ↗	G	
≤0.003	G2.5	AD AD/B



Обозначение	Обозначение адаптера	Состав набора	Количество
BT40-SF16-90-4 pcs	BT40-SF16-90	C16-SFS03/04/06/08-160	4
BT40-SF16-90-4 pcs	BT40-SF16-90	C16-SFS03/04/06/08-160	4
BT40-SF20-90-6 pcs	BT40-SF20-90	C20-SFS03/04/06/08/10/12-160	6
SK40-SF16-90-4 pcs	SK40-SF16-90	C12-SFS03/04/06/08-160	4
SK40-SF16-90-4 pcs	SK40-SF16-90	C16-SFS03/04/06/08-160	4
SK40-SF20-90-6 pcs	SK40-SF20-90	C20-SFS03/04/06/08/10/12-160	6
HSK63A-SF16-90-4 pcs	HSK63A-SF16-90	C12-SFS03/04/06/08-160	4
HSK63A-SF16-90-4 pcs	HSK63A-SF16-90	C16-SFS03/04/06/08-160	4
HSK63A-SF20-90-6 pcs	HSK63A-SF20-90	C20-SFS03/04/06/08/10/12-160	6
BT40-TSF08-40-4 pcs	BT40-TSF08-40	8-SF3/4/6/8-45	4
BT40-TSF08-70-4 pcs	BT40-TSF08-70	8-SF3/4/6/8-45	4
BT40-TSF12-45-6 pcs	BT40-TSF12-45	12-SF3/4/6/8/10/12-80	6
BT40-TSF12-75-6 pcs	BT40-TSF12-75	12-SF3/4/6/8/10/12-80	6
SK40-TSF08-40-4 pcs	SK40-TSF08-40	8-SF3/4/6/8-45	4
SK40-TSF08-70-4 pcs	SK40-TSF08-70	8-SF3/4/6/8-45	4
SK40-TSF12-45-6 pcs	SK40-TSF12-45	12-SF3/4/6/8/10/12-80	6
SK40-TSF12-75-6 pcs	SK40-TSF12-75	12-SF3/4/6/8/10/12-80	6
HSK63A-TSF08-55-4 pcs	HSK63A-TSF08-55	8-SF3/4/6/8-45	4
HSK63A-TSF08-75-4 pcs	HSK63A-TSF08-75	8-SF3/4/6/8-45	4
HSK63A-TSF12-75-6 pcs	HSK63A-TSF12-75	12-SF3/4/6/8/10/12-80	6
HSK63F-TSF08-55-4 pcs	HSK63F-TSF08-55	8-SF3/4/6/8-45	4
HSK63F-TSF08-75-4 pcs	HSK63F-TSF08-75	8-SF3/4/6/8-45	4
HSK63F-TSF12-75-6 pcs	HSK63F-TSF12-75	12-SF3/4/6/8/10/12-80	6

Наборы термопатронов

A ↗	G	
≤0.003	G2.5	AD AD/B



Обозначение	Обозначение адаптера	Состав набора	Количество
BT40-TSF08-40-4 pcs	BT40-TSF08-40	8-SF3/4/6/8-45S	4
BT40-TSF08-70-4 pcs	BT40-TSF08-70	8-SF3/4/6/8-45S	4
BT40-TSF12-45-6 pcs	BT40-TSF12-45	12-SF3/4/6/8/10/12-80S	6
BT40-TSF12-75-6 pcs	BT40-TSF12-75	12-SF3/4/6/8/10/12-80S	6
SK40-TSF08-40-4 pcs	SK40-TSF08-40	8-SF3/4/6/8-45S	4
SK40-TSF08-70-4 pcs	SK40-TSF08-70	8-SF3/4/6/8-45S	4
SK40-TSF12-45-6 pcs	SK40-TSF12-45	12-SF3/4/6/8/10/12-80S	6
SK40-TSF12-75-6 pcs	SK40-TSF12-75	12-SF3/4/6/8/10/12-80S	6
HSK63A-TSF08-55-4 pcs	HSK63A-TSF08-55	8-SF3/4/6/8-45S	4
HSK63A-TSF08-75-4 pcs	HSK63A-TSF08-75	8-SF3/4/6/8-45S	4
HSK63A-TSF12-75-6 pcs	HSK63A-TSF12-75	12-SF3/4/6/8/10/12-80S	6
HSK63F-TSF08-55-4 pcs	HSK63F-TSF08-55	8-SF3/4/6/8-45S	4
HSK63F-TSF08-75-4 pcs	HSK63F-TSF08-75	8-SF3/4/6/8-45S	4
HSK63F-TSF12-75-6 pcs	HSK63F-TSF12-75	12-SF3/4/6/8/10/12-80S	6

Термопатроны BT для конических хвостовиков

A ↗	G	
≤0.003	G2.5	AD AD/B





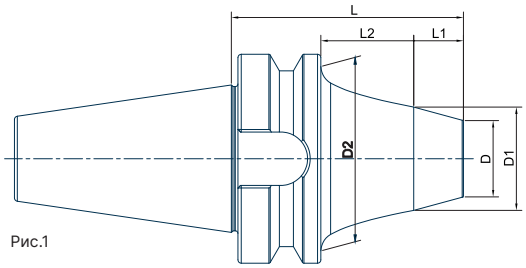


Рис.1

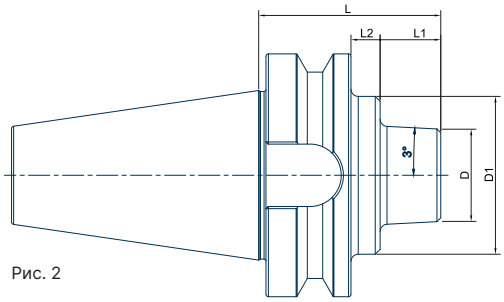


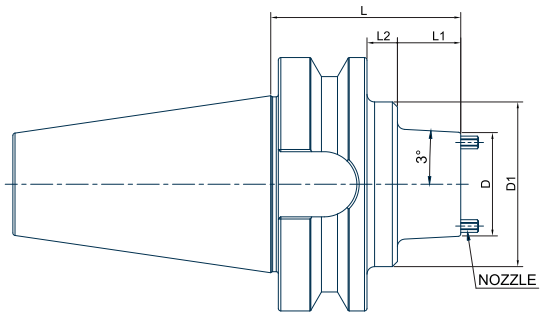
Рис. 2

Обозначение	D	D1	D2	L	L1	L2	Рис.
BT30-TSF06-35	19	-	34	35	13	-	1
BT30-TSF08-35	23	-	34	35	13	-	1
BT30-TSF12-35	38	-	-	35	13	-	2
BT40-TSF08-40	23	-	53	40	13	-	1
BT40-TSF12-45	38	-	-	45	18	-	2
BT40-TSF12-75	38	-	-	75	48	-	2
BT40-TSF12-135	41	-	-	135	108	-	2
BT50-TSF12-75	38	65	-	75	25	12	2
BT50-TSF12-105	41	66	-	105	55	12	2
BT50-TSF12-135	41	67	-	135	85	12	2

Термопатроны BT для конических хвостовиков, с охлаждением

A ↗	G	
≤0.003	G2.5	AD AD/B





Обозначение	D	D1	L	L1	L2
BT40-TSF12-45K	41	-	45	18	-
BT40-TSF12-75K	41	-	75	48	-
BT40-TSF12-135K	41	-	135	108	-
BT50-TSF12-75K	41	65	75	25	12
BT50-TSF12-105K	41	65	105	55	12
BT50-TSF12-135K	41	65	135	85	12

Термопатроны SK для конических хвостовиков

A ↗	G	
≤0.003	G2.5	AD AD/B





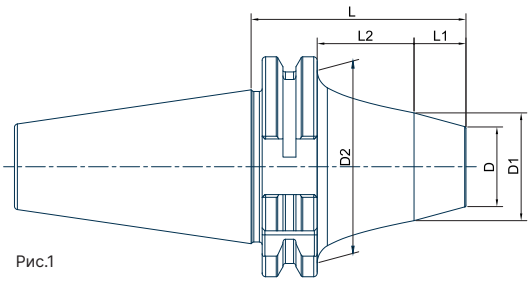


Рис.1

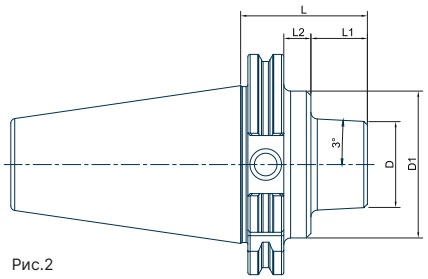


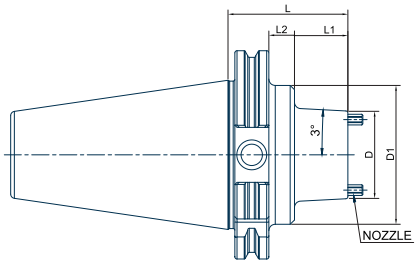
Рис.2

Обозначение	D	D1	D2	L	L1	L2	Рис.
SK30-TSF06-35	19	-	34	35	15.9	-	1
SK30-TSF08-35	23	-	34	35	15.9	-	1
SK30-TSF12-35	38	-	-	35	15.9	-	2
SK40-TSF08-40	23	-	50	40	20.9	-	1
SK40-TSF12-45	38	-	-	45	25.9	-	2
SK40-TSF12-75	38	-	-	75	55.9	-	2
SK40-TSF12-135	38						
SK50-TSF12-75	38	65	-	75	43.9	12	2
SK50-TSF12-105	38				105		
SK50-TSF12-135	38				105		

Термопатроны SK для конических хвостовиков, с охлаждением

A ↗	G	
≤0.003	G2.5	AD AD/B





Обозначение	D	D1	L	L1	L2
SK40-TSF12-45K	41	-	45	25.9	-
SK40-TSF12-75K	41	-	75	55.9	-
SK40-TSF12-135K	41	44	135	28.6	87.3
SK50-TSF12-75K	41	65	75	43.9	12
SK50-TSF12-105K	41	65	105	73.9	12
SK50-TSF12-135K	41	65	135	103.9	12

Термопатроны HSK-A для конических хвостовиков

A ↗	G	
≤0.003	G2.5	AD AD/B





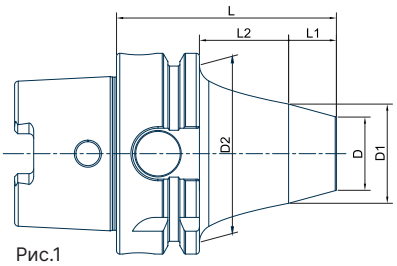


Рис.1

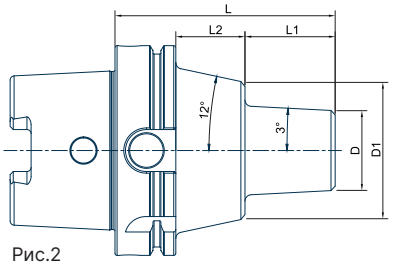


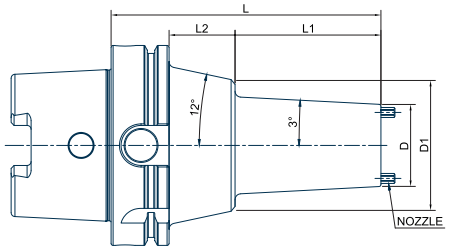
Рис.2

Обозначение	D	D1	D2	L	L1	L2	Рис.
HSK50A-TSF06-55	19	24.6	42	55	7	22	1
HSK50A-TSF08-55	23	28.1	42	55	7	22	1
HSK50A-TSF12-75	38	-	-	75	49	-	2
HSK63A-TSF08-55	23	29.5	53	55	7	22	1
HSK63A-TSF12-75	38	-	-	75	49	-	2
HSK63A-TSF12-135	38	-	-	135	109	-	2
HSK100A-TSF12-105	38	65	-	105	43	33	2

Термопатроны HSK-A для конических хвостовиков, с охлаждением

A ↗	G	
≤0.003	G2.5	AD AD/B





Обозначение	D	D1	L	L1	L2
HSK63A-TSF12-75K	41	-	75	49	-
HSK63A-TSF12-135K	41	-	135	109	-
HSK100A-TSF12-105K	41	65	105	43	33
HSK100A-TSF12-135K	41	65	135	73	33

Термопатроны HSK-E для конических хвостовиков

A ↗	G	
≤0.003	G2.5	AD AD/B



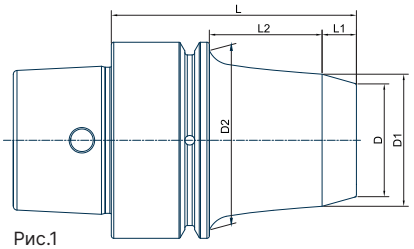


Рис.1



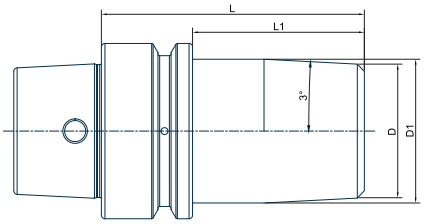


Рис.1

Обозначение	D	D1	D2	L	L1	L2	Рис.
HSK32E-TSF06-50	19	26	-	50	7	23	1
HSK40E-TSF06-50	19	23.5	34	50	7	23	1
HSK40E-TSF08-50	23	27	34	50	7	23	1
HSK50E-TSF06-55	19	24.6	42	55	7	22	1
HSK50E-TSF08-55	23	28.1	42	55	7	22	1
HSK50E-TSF12-75	38	-	-	75	49	-	2

Термопатроны HSK-F для конических хвостовиков

A ↗	G	
≤0.003	G2.5	AD AD/B



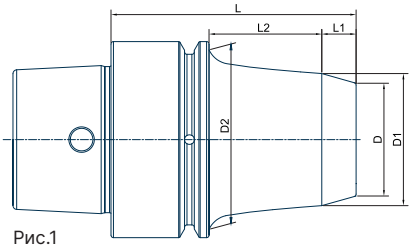


Рис.1



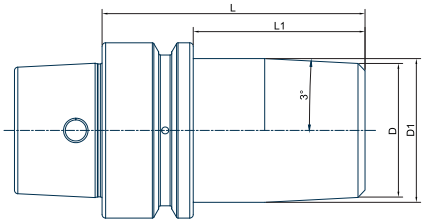
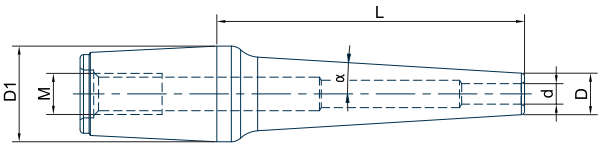


Рис.1

Обозначение	D	D1	D2	L	L1	L2	Рис.
HSK63F-TSF08-55	23	29.5	53	55	7	22	1
HSK63F-TSF12-75	38	-	-	75	49	-	2

Термопатроны удлиннители узкие

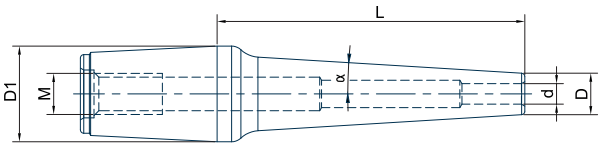




Обозначение	d	D	D1	L	M	α
6-SF3-15S	3	6	14	15	M6	12
6-SF3-30S	3	6	14	30	M6	5.5
6-SF3-45S	3	6	14	45	M6	3.5
6-SF4-15S	4	7	14	15	M6	10
6-SF4-30S	4	7	14	30	M6	4.5
6-SF4-45S	4	7	14	45	M6	3
6-SF6-15S	6	9	14	15	M6	7
6-SF6-30S	6	9	14	30	M6	3
6-SF6-45S	6	9	14	45	M6	2
8-SF3-25S	3	6	18	25	M6	9
8-SF3-45S	3	6	18	45	M6	4.5
8-SF3-65S	3	6	18	65	M6	3
8-SF4-25S	4	7	18	25	M6	8
8-SF4-45S	4	7	18	45	M6	4.5
8-SF4-65S	4	7	18	65	M6	3
8-SF6-25S	6	9	18	25	M6	6
8-SF6-45S	6	9	18	45	M6	3.5
8-SF6-65S	6	9	18	65	M6	3
8-SF8-25S	8	11	18	25	M6	5.5
8-SF8-45S	8	11	18	45	M6	3
12-SF3-35S	3	6	26	35	M10	3
12-SF3-55S	3	6	26	55	M10	3
12-SF3-80S	3	6	26	80	M10	3
12-SF3-110S	3	6	26	110	M10	3
12-SF4-35S	4	7	26	35	M10	3
12-SF4-55S	4	7	26	55	M10	3
12-SF4-80S	4	7	26	80	M10	3
12-SF4-110S	4	7	26	110	M10	3
12-SF5-35S	5	8	26	35	M10	3
12-SF5-55S	5	8	26	55	M10	3

Термопатроны удлиннители узкие

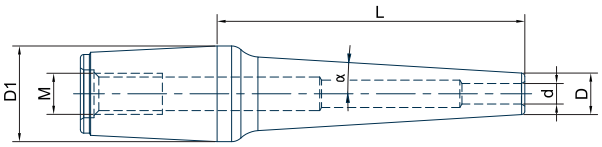




Обозначение	d	D	D1	L	M	α
12-SF5-80S	5	8	26	80	M10	3
12-SF5-110S	5	8	26	110	M10	3
12-SF6-35S	6	9	26	35	M10	3
12-SF6-55S	6	9	26	55	M10	3
12-SF6-80S	6	9	26	80	M10	3
12-SF6-110S	6	9	26	110	M10	3
12-SF7-35S	7	10	26	35	M10	3
12-SF7-55S	7	10	26	55	M10	3
12-SF7-80S	7	10	26	80	M10	3
12-SF7-110S	7	10	26	110	M10	3
12-SF8-35S	8	11	26	35	M10	3
12-SF8-55S	8	11	26	55	M10	3
12-SF8-80S	8	11	26	80	M10	3
12-SF8-110S	8	11	26	110	M10	3
12-SF9-35S	9	12	26	35	M10	3
12-SF9-55S	9	12	26	55	M10	3
12-SF9-80S	9	12	26	80	M10	3
12-SF9-110S	9	12	26	110	M10	3
12-SF10-35S	10	13	26	35	M10	3
12-SF10-55S	10	13	26	55	M10	3
12-SF10-80S	10	13	26	80	M10	3
12-SF10-110S	10	13	26	110	M10	3
12-SF11-35S	11	14	26	35	M10	3
12-SF11-55S	11	14	26	55	M10	3
12-SF11-80S	11	14	26	80	M10	3
12-SF11-110S	11	14	26	110	M10	3
12-SF12-35S	12	15	26	35	M10	3
12-SF12-55S	12	15	26	55	M10	3
12-SF12-80S	12	15	26	80	M10	3
12-SF12-110S	12	15	26	110	M10	3

Термопатроны удлиннители

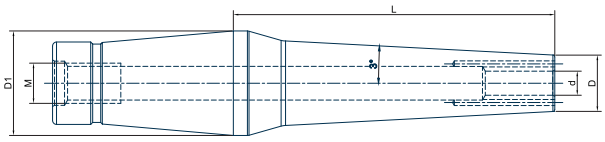




Обозначение	d	D	D1	L	M	α
6-SF3-30	3	7.5	14	30	M6	4.5
6-SF3-45	3	7.5	14	45	M6	3
6-SF4-30	4	10	14	30	M6	3
6-SF4-45	4	10	14	45	M6	2
6-SF6-30	6	12	14	30	M6	1.5
6-SF6-45	6	12	14	45	M6	1
8-SF3-45	3	7.5	18	45	M6	4.5
8-SF3-65	3	7.5	18	65	M6	3
8-SF4-45	4	10	18	45	M6	3.5
8-SF4-65	4	10	18	65	M6	2.5
8-SF6-45	6	12	18	45	M6	3
8-SF6-65	6	12	18	65	M6	2
8-SF8-45	8	14	18	45	M6	1.8
12-SF3-35	3	7.5	26	35	M10	3
12-SF3-55	3	7.5	26	55	M10	3
12-SF3-80	3	7.5	26	80	M10	3
12-SF4-35	4	10	26	35	M10	3
12-SF4-55	4	10	26	55	M10	3
12-SF4-80	4	10	26	80	M10	3
12-SF6-35	6	12	26	35	M10	3
12-SF6-55	6	12	26	55	M10	3
12-SF6-80	6	12	26	80	M10	3
12-SF8-35	8	14	26	35	M10	3
12-SF8-55	8	14	26	55	M10	3
12-SF8-80	8	14	26	80	M10	3
12-SF10-35	10	16	26	35	M10	3
12-SF10-55	10	16	26	55	M10	3
12-SF10-80	10	16	26	80	M10	3
12-SF12-35	12	20	26	35	M10	3
12-SF12-55	12	20	26	55	M10	3
12-SF12-80	12	20	26	80	M10	3

Термопатроны удлиннители, с охлаждением

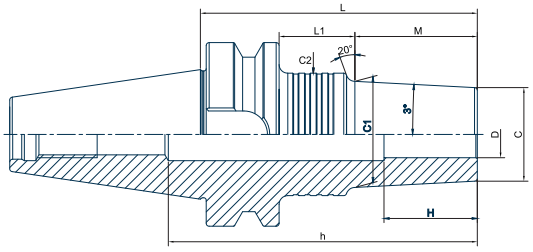




Обозначение	d	D	D1	L	M
8-SF3-45K	3	9.5	18	45	M6
8-SF3-65K	3	9.5	18	65	M6
8-SF4-45K	4	12	18	45	M6
8-SF4-65K	4	12	18	65	M6
8-SF6-45K	6	14	18	45	M6
8-SF6-65K	6	14	18	65	M6
8-SF8-45K	8	16	18	45	M6
12-SF3-35K	3	9.5	26	35	M10
12-SF3-55K	3	9.5	26	55	M10
12-SF3-80K	3	9.5	26	80	M10
12-SF4-35K	4	12	26	35	M10
12-SF4-55K	4	12	26	55	M10
12-SF4-80K	4	12	26	80	M10
12-SF6-35K	6	14	26	35	M10
12-SF6-55K	6	14	26	55	M10
12-SF6-80K	6	14	26	80	M10
12-SF8-35K	8	16	26	35	M10
12-SF8-55K	8	16	26	55	M10
12-SF8-80K	8	16	26	80	M10
12-SF10-35K	10	18	26	35	M10
12-SF10-55K	10	18	26	55	M10
12-SF10-80K	10	18	26	80	M10
12-SF12-35K	12	20	26	35	M10
12-SF12-55K	12	20	26	55	M10
12-SF12-80K	12	20	26	80	M10

Термопатроны 3°, узкие, форма A

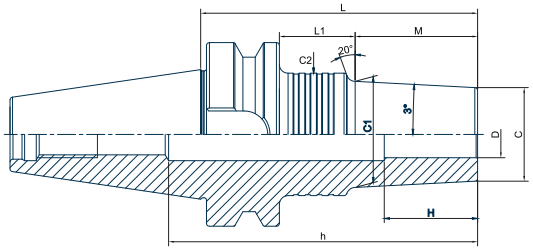




Обозначение	D	C	L	M	L1	C1	C2	H	h
BT30-SFSA3-60-M22	3	6	60	22	16	8.3	20	9	80
BT30-SFSA3-75-M22	3	6	75	22	31	8.3	25	9	99
BT30-SFSA3-80-M42	3	6	80	42	16	10.4	20	9	100
BT30-SFSA3-95-M42	3	6	95	42	31	10.4	25	9	119
BT30-SFSA3-120-M67	3	6	120	67	31	13	25	9	144
BT30-SFSA4-60-M22	4	7	60	22	16	9.3	20	12	80
BT30-SFSA4-75-M22	4	7	75	22	31	9.3	25	12	99
BT30-SFSA4-95-M42	4	7	95	42	31	11.4	25	12	119
BT30-SFSA4-120-M67	4	7	120	67	31	14	25	12	144
BT30-SFSA6-60-M22	6	9	60	22	16	11.3	20	18	80
BT30-SFSA6-75-M22	6	9	75	22	31	11.3	25	18	99
BT30-SFSA6-95-M42	6	9	95	42	31	13.4	25	18	119
BT30-SFSA6-120-M67	6	9	120	67	31	16	25	18	144
BT30-SFSA3.175-60-M22	3.175	6.175	60	22	16	8.5	20	9	80
BT30-SFSA3.175-75-M22	3.175	6.175	75	22	31	8.5	25	9	99
BT30-SFSA3.175-95-M42	3.175	6.175	95	42	31	10.6	25	9	119

Термопатроны 3°, узкие, форма A



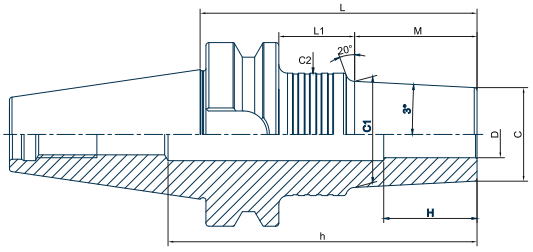


Обозначение	D	C	L	M	L1	C1	C2	H	h
BT40-SFSA3-95-M42	3	6	95	42	26	10.4	26	9	130
BT40-SFSA3-120-M67	3	6	120	67	26	13	26	9	155
BT40-SFSA3-125-M42	3	6	125	42	56	10.4	26	9	160
BT40-SFSA3-150-M67	3	6	150	67	56	13	26	9	185
BT40-SFSA3-150-M97	3	6	150	97	26	16.2	26	9	185
BT40-SFSA3-180-M97	3	6	180	97	56	16.2	26	9	215
BT40-SFSA4-95-M42	4	7	95	42	26	11.4	25	12	130
BT40-SFSA4-120-M67	4	7	120	67	26	14	25	12	155
BT40-SFSA4-125-M42	4	7	125	42	56	11.4	26	12	160
BT40-SFSA4-150-M67	4	7	150	67	56	14	25	12	185
BT40-SFSA4-150-M97	4	7	150	97	26	17.2	26	12	185
BT40-SFSA4-180-M97	4	7	180	97	56	17.2	25	12	215
BT40-SFSA6-95-M42	6	9	95	42	26	13.4	25	18	130
BT40-SFSA6-120-M67	6	9	120	67	26	16	26	18	155
BT40-SFSA6-125-M42	6	9	125	42	56	13.4	25	18	160
BT40-SFSA6-150-M67	6	9	150	67	56	16	25	18	185
BT40-SFSA6-150-M97	6	9	150	97	26	19.2	36	18	185
BT40-SFSA6-180-M97	6	9	180	97	56	19.2	36	18	215
BT40-SFSA8-95-M42	8	11	95	42	26	15.4	25	24	130
BT40-SFSA8-120-M67	8	11	120	67	26	18	36	24	155
BT40-SFSA8-125-M42	8	11	125	42	56	15.4	36	24	160
BT40-SFSA8-150-M67	8	11	150	67	56	18	36	24	185
BT40-SFSA8-150-M97	8	11	150	97	26	21.2	36	24	185
BT40-SFSA8-180-M97	8	11	180	97	56	21.2	36	24	215

Термопатроны 3°, узкие, форма A

A ↗	G	
≤0.003	G2.5	AD AD/B



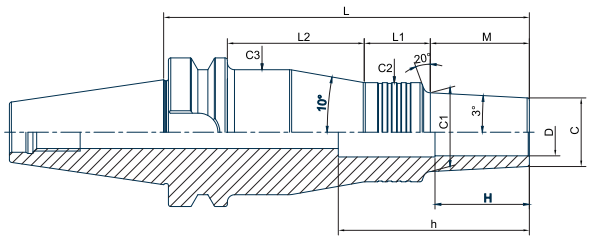


Обозначение	D	C	L	M	L1	C1	C2	H	h
BT40-SFSA10-95-M42	10	13	95	42	26	17.4	25	30	130
BT40-SFSA10-120-M67	10	13	120	67	26	20	36	30	155
BT40-SFSA10-125-M42	10	13	125	42	56	17.4	36	30	160
BT40-SFSA10-150-M67	10	13	150	67	56	20	36	30	185
BT40-SFSA10-150-M97	10	13	150	97	26	23.2	36	30	185
BT40-SFSA10-180-M97	10	13	180	97	56	23.2	36	30	215
BT40-SFSA10-95-M42	12	15	95	42	26	19.4	32	30	130
BT40-SFSA10-120-M67	12	16	120	67	26	22	32	30	155
BT40-SFSA10-125-M42	12	17	125	42	56	19.4	36	30	160
BT40-SFSA10-150-M67	12	18	150	67	56	22	36	30	185
BT40-SFSA10-150-M97	12	19	150	97	26	25.2	36	30	185
BT40-SFSA10-180-M97	12	22	180	97	56	25.2	36	30	215

Термопатроны 3°, узкие, форма A

A ↗	G	
≤0.003	G2.5	AD AD/B



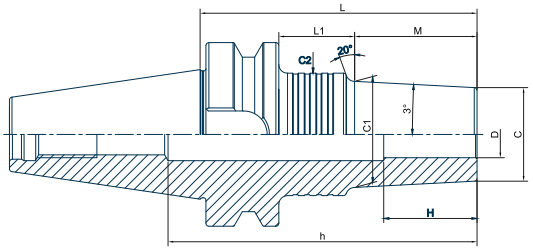


Обозначение	D	C	L	M	L1	L2	C1	C2	C3	H	h
BT40-SFSA3-155-M42	3	6	155	42	33	53	10.4	26	40	9	190
BT40-SFSA3-180-M67	3	6	180	67	33	53	13	26	40	9	215
BT40-SFSA3-210-M97	3	6	210	97	33	53	16.2	26	40	9	245
BT40-SFSA4-155-M42	4	7	155	42	33	53	11.4	26	40	12	190
BT40-SFSA4-180-M67	4	7	180	67	33	53	14	26	40	12	215
BT40-SFSA4-210-M97	4	7	210	97	33	53	17.2	25	39	12	245
BT40-SFSA6-155-M42	6	9	155	42	33	53	13.4	25	39	18	190
BT40-SFSA6-180-M67	6	9	180	67	33	53	16	26	40	18	215
BT40-SFSA6-210-M97	6	9	210	97	28	58	19.2	36	50	18	245
BT40-SFSA8-155-M42	8	11	155	42	33	53	15.4	25	39	24	190
BT40-SFSA8-180-M67	8	11	180	67	28	58	18	36	50	24	215
BT40-SFSA8-210-M97	8	11	210	97	28	58	21.2	36	50	24	245
BT40-SFSA10-155-M42	10	13	155	42	28	58	17.4	36	50	30	190
BT40-SFSA10-180-M67	10	13	180	67	28	58	20	36	50	30	215
BT40-SFSA10-210-M97	10	13	210	97	28	58	23.2	36	50	30	245
BT40-SFSA12-155-M42	12	15	155	42	28	58	19.4	36	50	30	190
BT40-SFSA12-180-M67	12	15	180	67	30	56	22	32	46	30	215
BT40-SFSA12-210-M97	12	15	210	97	28	58	25.2	36	50	30	245

Термопатроны 3°, узкие, форма A

A ↗	G	
≤0.003	G2.5	AD AD/B



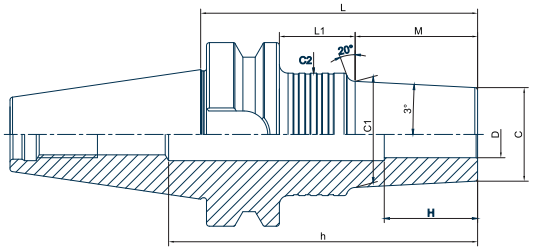


Обозначение	D	C	L	M	L1	C1	C2	H	h
BT50-SFSA3-110-M42	3	6	110	42	30	10.4	26	9	165
BT50-SFSA3-135-M67	3	6	135	67	30	13	26	9	190
BT50-SFSA3-140-M42	3	6	140	42	60	10.4	25	9	195
BT50-SFSA3-165-M67	3	6	165	67	60	13	25	9	220
BT50-SFSA3-165-M97	3	6	165	97	30	16.2	26	9	220
BT50-SFSA3-195-M97	3	6	195	97	60	16.2	26	9	250
BT50-SFSA4-110-M42	4	7	110	42	30	11.4	26	12	165
BT50-SFSA4-135-M67	4	7	135	67	30	14	25	12	190
BT50-SFSA4-140-M42	4	7	140	42	60	11.4	25	12	195
BT50-SFSA4-165-M67	4	7	165	67	60	14	26	12	220
BT50-SFSA4-165-M97	4	7	165	97	30	17.2	25	12	220
BT50-SFSA4-195-M97	4	7	195	97	60	17.2	25	12	250
BT50-SFSA6-110-M42	6	9	110	42	30	13.4	26	18	165
BT50-SFSA6-135-M67	6	9	135	67	30	16	26	18	190
BT50-SFSA6-140-M42	6	9	140	42	60	13.4	26	18	195
BT50-SFSA6-165-M67	6	9	165	67	60	16	26	18	220
BT50-SFSA6-165-M97	6	9	165	97	30	19.2	36	18	220
BT50-SFSA6-195-M97	6	9	195	97	60	19.2	36	18	250
BT50-SFSA8-110-M42	8	11	110	42	30	15.4	25	24	165
BT50-SFSA8-135-M67	8	11	135	67	30	18	36	24	190
BT50-SFSA8-140-M42	8	11	140	42	60	15.4	36	24	195
BT50-SFSA8-165-M67	8	11	165	67	60	18	32	24	220
BT50-SFSA8-165-M97	8	11	165	97	30	21.2	36	24	220
BT50-SFSA8-195-M97	8	11	195	97	60	21.2	36	24	250

Термопатроны 3°, узкие, форма A

A ↗	G	
≤0.003	G2.5	AD AD/B



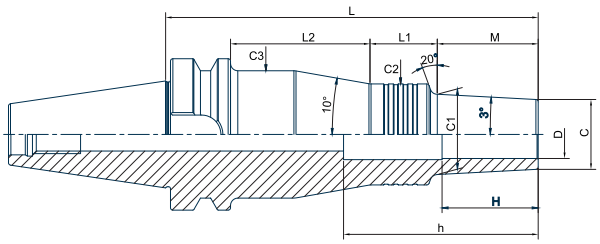


Обозначение	D	C	L	M	L1	C1	C2	H	h
BT50-SFSA10-110-M42	10	13	110	42	30	17.4	25	30	165
BT50-SFSA10-135-M67	10	13	135	67	30	20	36	30	190
BT50-SFSA10-140-M42	10	13	140	42	60	17.4	36	30	195
BT50-SFSA10-165-M67	10	13	165	67	60	20	36	30	220
BT50-SFSA10-165-M97	10	13	165	97	30	23.2	36	30	220
BT50-SFSA10-195-M97	10	13	195	97	60	23.2	32	30	250
BT50-SFSA12-110-M42	12	15	110	42	30	19.4	32	30	165
BT50-SFSA12-135-M67	12	15	135	67	30	22	36	30	190
BT50-SFSA12-140-M42	12	15	140	42	60	19.4	36	30	195
BT50-SFSA12-165-M67	12	15	165	67	60	22	32	30	220
BT50-SFSA12-165-M97	12	15	165	97	30	25.2	36	30	220
BT50-SFSA12-195-M97	12	15	195	97	60	25.2	36	30	250

Термопатроны 3°, узкие, форма A

A ↗	G	
≤0.003	G2.5	AD AD/B



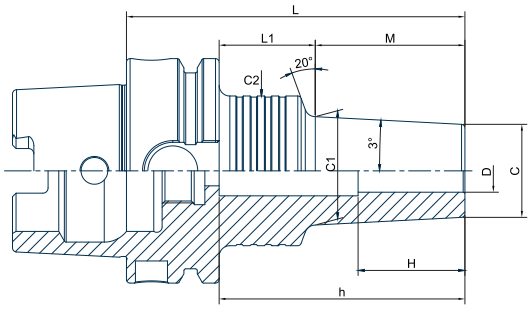


Обозначение	D	C	L	M	L1	L2	C1	C2	C3	H	h
BT50-SFSA3-170-M42	3	6	170	42	33	57	10.4	26	40	9	225
BT50-SFSA3-195-M67	3	6	195	67	33	57	13	26	40	9	250
BT50-SFSA3-225-M97	3	6	225	97	33	57	16.2	26	40	9	280
BT50-SFSA4-170-M42	4	7	170	42	33	57	11.4	25	39	12	225
BT50-SFSA4-195-M67	4	7	195	67	33	57	14	25	39	12	250
BT50-SFSA4-225-M97	4	7	225	97	33	57	17.2	26	40	12	280
BT50-SFSA6-170-M42	6	9	170	42	33	57	13.4	26	40	18	225
BT50-SFSA6-195-M67	6	9	195	67	33	57	16	26	40	18	250
BT50-SFSA6-225-M97	6	9	225	97	28	62	19.2	36	50	18	280
BT50-SFSA8-170-M42	8	11	170	42	33	57	15.4	25	39	24	225
BT50-SFSA8-195-M67	8	11	195	67	28	62	18	36	50	24	250
BT50-SFSA8-225-M97	8	11	225	97	28	62	21.2	36	50	24	280
BT50-SFSA10-170-M42	10	13	170	42	33	57	17.4	25	39	30	225
BT50-SFSA10-195-M67	10	13	195	67	28	62	20	36	50	30	250
BT50-SFSA10-225-M97	10	13	225	97	28	62	23.2	36	50	30	280
BT50-SFSA12-170-M42	12	15	170	42	30	60	19.4	32	46	30	225
BT50-SFSA12-195-M67	12	15	195	67	28	62	22	36	50	30	250
BT50-SFSA12-225-M97	12	15	225	97	28	62	25.2	36	50	30	280

Термопатроны 3°, узкие, форма A

A ↗	G	
≤0.003	G2.5	AD AD/B



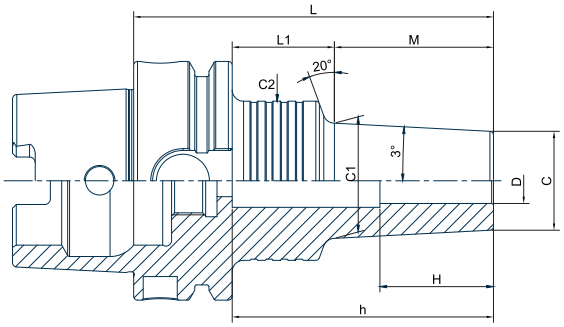


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK40A-SFSA3-65-M22	3	6	65	22	23	8.3	25	9	44
HSK40A-SFSA3-85-M42	3	6	85	42	23	10.4	25	9	64
HSK40A-SFSA3-100-M42	3	6	100	42	38	10.4	25	9	78
HSK40A-SFSA4-65-M22	4	7	65	22	23	9.3	25	12	44
HSK40A-SFSA4-85-M42	4	7	85	42	23	11.4	25	12	64
HSK40A-SFSA4-100-M42	4	7	100	42	38	11.4	25	12	78
HSK40A-SFSA6-65-M22	6	9	65	22	23	11.3	25	18	44
HSK40A-SFSA6-85-M42	6	9	85	42	23	13.4	25	18	64
HSK40A-SFSA6-100-M42	6	9	100	42	38	13.4	25	18	78
HSK40A-SFSA8-65-M22	8	11	65	22	23	13.3	25	24	44
HSK40A-SFSA8-85-M42	8	11	85	42	23	15.4	25	24	64
HSK40A-SFSA8-100-M42	8	11	100	42	38	15.4	25	24	78
HSK40A-SFSA10-65-M22	10	13	65	22	23	15.3	25	30	44
HSK40A-SFSA10-85-M42	10	13	85	42	23	17.4	25	30	64
HSK40A-SFSA10-100-M42	10	13	100	42	38	17.4	25	30	78
HSK40A-SFSA12-65-M22	12	15	65	22	23	17.3	25	30	44
HSK40A-SFSA12-90-M42	12	15	90	42	28	19.4	32	30	68
HSK50A-SFSA3-95-M42	3	6	95	42	27	10.4	25	9	69
HSK50A-SFSA3-125-M42	3	6	125	42	57	10.4	25	9	100
HSK50A-SFSA4-95-M42	4	7	95	42	27	11.4	26	12	69
HSK50A-SFSA4-125-M42	4	7	125	42	57	11.4	25	12	100
HSK50A-SFSA6-95-M42	6	9	95	42	27	13.4	26	18	69
HSK50A-SFSA6-125-M42	6	9	125	42	57	13.4	25	18	100
HSK50A-SFSA8-95-M42	8	11	95	42	27	15.4	25	24	71
HSK50A-SFSA8-125-M42	8	11	125	42	57	15.4	25	24	101
HSK50A-SFSA10-95-M42	10	13	95	42	27	17.4	25	30	71
HSK50A-SFSA10-125-M42	10	13	125	42	57	17.4	25	30	101

Термопатроны 3°, узкие, форма A

A ↗	G	
≤0.003	G2.5	AD AD/B



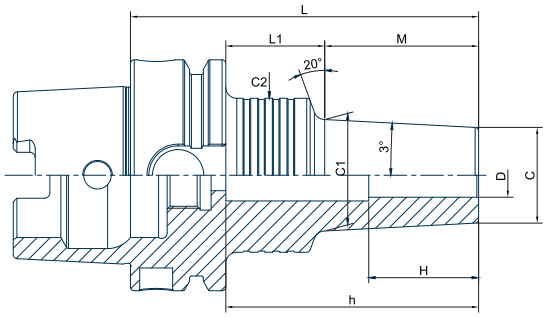


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK63A-SFSA3-95-M42	3	6	95	42	27	10.4	25	9	70
HSK63A-SFSA3-120-M67	3	6	120	67	27	13	26	9	95
HSK63A-SFSA3-125-M42	3	6	125	42	57	10.4	26	9	100
HSK63A-SFSA3-150-M67	3	6	150	67	57	13	26	9	125
HSK63A-SFSA3-150-M97	3	6	150	97	27	16.2	26	9	125
HSK63A-SFSA3-180-M97	3	6	180	97	57	16.2	26	9	155
HSK63A-SFSA4-95-M42	4	7	95	42	27	11.4	25	12	70
HSK63A-SFSA4-120-M67	4	7	120	67	27	14	25	12	95
HSK63A-SFSA4-125-M42	4	7	125	42	57	11.4	25	12	100
HSK63A-SFSA4-150-M67	4	7	150	67	57	14	25	12	125
HSK63A-SFSA4-150-M97	4	7	150	97	27	17.2	25	12	125
HSK63A-SFSA4-180-M97	4	7	180	97	57	17.2	26	12	155
HSK63A-SFSA6-95-M42	6	9	95	42	27	13.4	25	18	70
HSK63A-SFSA6-120-M67	6	9	120	67	27	16	25	18	95
HSK63A-SFSA6-125-M42	6	9	125	42	57	13.4	25	18	100
HSK63A-SFSA6-150-M67	6	9	150	67	57	16	26	18	125
HSK63A-SFSA6-150-M97	6	9	150	97	27	19.2	32	18	125
HSK63A-SFSA6-180-M97	6	9	180	97	57	19.2	36	18	155
HSK63A-SFSA8-95-M42	8	11	95	42	27	15.4	36	24	70
HSK63A-SFSA8-120-M67	8	11	120	67	27	18	36	24	95
HSK63A-SFSA8-125-M42	8	11	125	42	57	15.4	36	24	100
HSK63A-SFSA8-150-M67	8	11	150	67	57	18	36	24	125
HSK63A-SFSA8-150-M97	8	11	150	97	27	21.2	36	24	125
HSK63A-SFSA8-180-M97	8	11	180	97	57	21.2	36	24	155

Термопатроны 3°, узкие, форма A

A ↗	G	
≤0.003	G2.5	AD AD/B



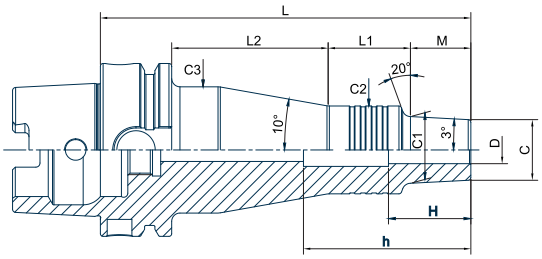


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK63A-SFSA10-95-M42	10	13	95	42	27	17.4	36	30	68
HSK63A-SFSA10-120-M67	10	13	120	67	27	20	36	30	93
HSK63A-SFSA10-125-M42	10	13	125	42	57	17.4	36	30	98
HSK63A-SFSA10-150-M67	10	13	150	67	57	20	36	30	123
HSK63A-SFSA10-150-M97	10	13	150	97	27	23.2	36	30	123
HSK63A-SFSA10-180-M97	10	13	180	97	57	23.2	36	30	153
HSK63A-SFSA12-95-M42	12	15	95	42	27	19.4	36	30	68
HSK63A-SFSA12-120-M67	12	15	120	67	27	22	36	30	93
HSK63A-SFSA12-125-M42	12	15	125	42	57	19.4	36	30	98
HSK63A-SFSA12-150-M67	12	15	150	67	57	22	32	30	123
HSK63A-SFSA12-150-M97	12	15	150	97	27	25.2	36	30	123
HSK63A-SFSA12-180-M97	12	15	180	97	57	25.2	36	30	153

Термопатроны 3°, узкие, форма A

A ↗	G	
≤0.003	G2.5	AD AD/B



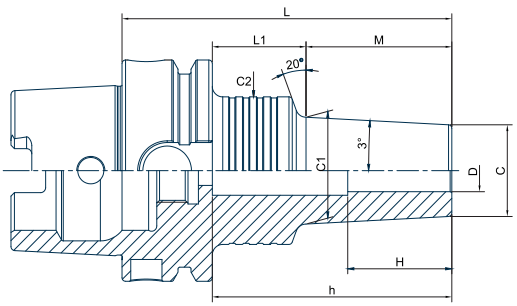


Обозначение	D	C	L	M	L1	L2	C1	C2	C3	H	h
HSK63A-SFSA3-155-M42	3	6	155	42	33	54	10.4	26	40	9	130
HSK63A-SFSA3-180-M67	3	6	180	67	33	54	13	26	-	9	155
HSK63A-SFSA3-210-M97	3	6	210	97	33	54	16.2	26	40	9	185
HSK63A-SFSA4-155-M42	4	7	155	42	33	54	11.4	25	39	12	130
HSK63A-SFSA4-180-M67	4	7	180	67	33	54	14	26	40	12	155
HSK63A-SFSA4-210-M97	4	7	210	97	33	54	17.2	25	39	12	185
HSK63A-SFSA6-155-M42	6	9	155	42	33	54	13.4	25	39	18	130
HSK63A-SFSA6-180-M67	6	9	180	67	33	54	16	26	40	18	155
HSK63A-SFSA6-210-M97	6	9	210	97	28	59	19.2	36	50	18	185
HSK63A-SFSA8-155-M42	8	11	155	42	33	54	15.4	25	39	24	130
HSK63A-SFSA8-180-M67	8	11	180	67	30	57	18	32	46	24	155
HSK63A-SFSA8-210-M97	8	11	210	97	28	59	21.2	36	50	24	185
HSK63A-SFSA10-155-M42	10	13	155	42	33	54	17.4	25	39	30	128
HSK63A-SFSA10-180-M67	10	13	180	67	30	57	20	32	46	30	153
HSK63A-SFSA10-210-M97	10	13	210	97	30	57	23.2	32	46	30	183
HSK63A-SFSA12-155-M42	12	15	155	42	30	57	19.4	32	46	30	128
HSK63A-SFSA12-180-M67	12	15	180	67	30	57	22	32	46	30	153
HSK63A-SFSA12-210-M97	12	15	210	97	30	57	25.2	32	46	30	183

Термопатроны 3°, узкие, форма A

A ↗	G	
≤0.003	G2.5	AD AD/B



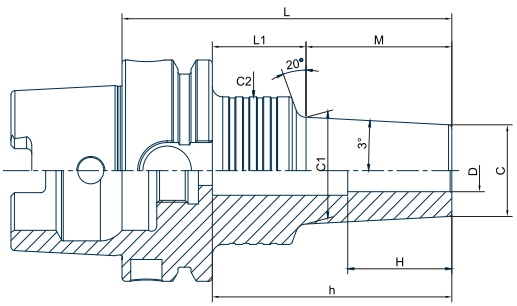


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK100A-SFSA3-110-M42	3	6	110	42	39	10.4	26	9	80
HSK100A-SFSA3-135-M67	3	6	135	67	39	13	26	9	105
HSK100A-SFSA3-140-M42	3	6	140	42	69	10.4	26	9	110
HSK100A-SFSA3-165-M67	3	6	165	67	69	13	25	9	135
HSK100A-SFSA3-165-M97	3	6	165	97	39	16.2	26	9	135
HSK100A-SFSA3-195-M97	3	6	195	97	69	16.2	26	9	165
HSK100A-SFSA4-110-M42	4	7	110	42	39	11.4	26	12	80
HSK100A-SFSA4-135-M67	4	7	135	67	39	14	26	12	105
HSK100A-SFSA4-140-M42	4	7	140	42	69	11.4	25	12	110
HSK100A-SFSA4-165-M67	4	7	165	67	69	14	26	12	135
HSK100A-SFSA4-165-M97	4	7	165	97	39	17.2	26	12	135
HSK100A-SFSA4-195-M97	4	7	195	97	69	17.2	25	12	165
HSK100A-SFSA6-110-M42	6	9	110	42	39	13.4	25	18	80
HSK100A-SFSA6-135-M67	6	9	135	67	39	16	25	18	105
HSK100A-SFSA6-140-M42	6	9	140	42	69	13.4	25	18	110
HSK100A-SFSA6-165-M67	6	9	165	67	69	16	25	18	135
HSK100A-SFSA6-165-M97	6	9	165	97	39	19.2	36	18	135
HSK100A-SFSA6-195-M97	6	9	195	97	69	19.2	36	18	165

Термопатроны 3°, узкие, форма A

A ↗	G	
≤0.003	G2.5	AD AD/B



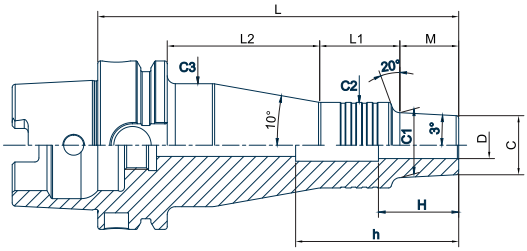


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK100A-SFSA8-110-M42	8	11	110	42	39	15.4	36	24	80
HSK100A-SFSA8-135-M67	8	11	135	67	39	18	32	24	105
HSK100A-SFSA8-140-M42	8	11	140	42	69	15.4	36	24	110
HSK100A-SFSA8-165-M67	8	11	165	67	69	18	36	24	135
HSK100A-SFSA8-165-M97	8	11	165	97	39	21.2	36	24	135
HSK100A-SFSA8-195-M97	8	11	195	97	69	21.2	32	24	165
HSK100A-SFSA10-110-M42	10	13	110	42	39	17.4	25	30	80
HSK100A-SFSA10-135-M67	10	13	135	67	39	20	36	30	105
HSK100A-SFSA10-140-M42	10	13	140	42	69	17.4	25	30	110
HSK100A-SFSA10-165-M67	10	13	165	67	69	20	36	30	135
HSK100A-SFSA10-165-M97	10	13	165	97	39	23.2	36	30	135
HSK100A-SFSA10-195-M97	10	13	195	97	69	23.2	36	30	165
HSK100A-SFSA12-110-M42	12	15	110	42	39	19.4	32	30	79
HSK100A-SFSA12-135-M67	12	15	135	67	39	22	32	30	104
HSK100A-SFSA12-140-M42	12	15	140	42	69	19.4	32	30	105
HSK100A-SFSA12-165-M67	12	15	165	67	69	22	32	30	130
HSK100A-SFSA12-165-M97	12	15	165	97	39	25.2	36	30	134
HSK100A-SFSA12-195-M97	12	15	195	97	69	25.2	36	30	160

Термопатроны 3°, узкие, форма A

A ↗	G	
≤0.003	G2.5	AD AD/B



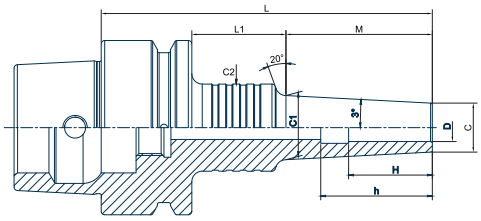


Обозначение	D	C	L	M	L1	L2	C1	C2	C3	H	h
HSK100A-SFSA3-170-M42	3	6	170	42	33	66	10.4	26	40	9	140
HSK100A-SFSA3-195-M67	3	6	195	67	33	66	13	26	40	9	165
HSK100A-SFSA3-225-M97	3	6	225	97	33	66	16.2	26	40	9	195
HSK100A-SFSA4-170-M42	4	7	170	42	33	66	11.4	26	40	12	140
HSK100A-SFSA4-195-M67	4	7	195	67	33	66	14	25	39	12	165
HSK100A-SFSA4-225-M97	4	7	225	97	33	66	17.2	25	39	12	195
HSK100A-SFSA6-170-M42	6	9	170	42	33	66	13.4	25	39	18	140
HSK100A-SFSA6-195-M67	6	9	195	67	33	66	16	26	40	18	165
HSK100A-SFSA6-225-M97	6	9	225	97	30	69	19.2	32	46	18	195
HSK100A-SFSA8-170-M42	8	11	170	42	28	71	15.4	36	50	24	140
HSK100A-SFSA8-195-M67	8	11	195	67	28	71	18	36	50	24	165
HSK100A-SFSA8-225-M97	8	11	225	97	28	71	21.2	36	50	24	195
HSK100A-SFSA10-170-M42	10	13	170	42	28	71	17.4	36	50	30	140
HSK100A-SFSA10-195-M67	10	13	195	67	28	71	20	36	50	30	165
HSK100A-SFSA10-225-M97	10	13	225	97	30	69	23.2	32	46	30	195
HSK100A-SFSA12-170-M42	12	15	170	42	28	71	19.4	36	50	30	135
HSK100A-SFSA12-195-M67	12	15	195	67	30	69	22	32	46	30	160
HSK100A-SFSA12-225-M97	12	15	225	97	28	71	25.2	36	50	30	190

Термопатроны 3°, узкие, форма A

A ↗	G	
≤0.003	G2.5	AD AD/B



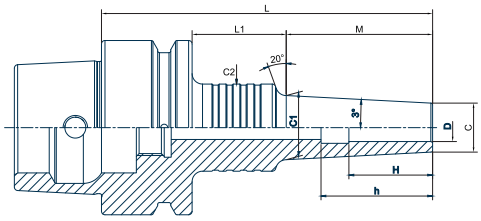


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK25E-SFSA3-35	3	6	35	17	8	7.8	18	9	29
HSK25E-SFSA3-50	3	6	50	32	8	9.4	18	9	44
HSK25E-SFSA4-35	4	7	35	17	8	8.8	18	12	29
HSK25E-SFSA4-50	4	7	50	32	8	10.4	18	12	44
HSK25E-SFSA5-35	5	8	35	17	8	9.8	18	15	26
HSK25E-SFSA6-35	6	9	35	17	8	10.8	18	18	26
HSK25E-SFSA6-50	6	9	50	32	8	12.4	18	18	39
HSK25E-SFSA3.175-35	3.175	6.175	35	17	8	8	18	9	29
HSK25E-SFSA3.175-50	3.175	6.175	50	32	8	9.6	18	9	44
HSK32E-SFSA3-50-M22	3	6	50	22	8	8.3	20	9	42
HSK32E-SFSA3-70-M42	3	6	70	42	8	10.4	20	9	62
HSK32E-SFSA3-85-M42	3	6	85	42	23	10.4	25	9	69
HSK32E-SFSA4-50-M22	4	7	50	22	8	9.3	20	12	35
HSK32E-SFSA4-70-M42	4	7	70	42	8	11.4	20	12	54
HSK32E-SFSA4-85-M42	4	7	85	42	23	11.4	25	12	69
HSK32E-SFSA6-70-M42	6	9	70	42	8	13.4	20	18	54
HSK32E-SFSA3.175-50-M22	3.175	6.175	50	22	8	8.5	20	9	42

Термопатроны 3°, узкие, форма A

A ↗	G	
≤0.003	G2.5	AD AD/B



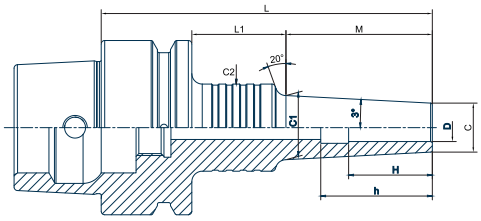


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK40E-SFSA3-50-M22	3	6	50	22	8	8.3	20	9	42
HSK40E-SFSA3-70-M42	3	6	70	42	8	10.4	20	9	62
HSK40E-SFSA3-85-M42	3	6	85	42	23	10.4	25	9	69
HSK40E-SFSA3-110-M67	3	6	110	67	23	13	25	9	94
HSK40E-SFSA4-50-M22	4	7	50	22	8	9.3	20	12	42
HSK40E-SFSA4-70-M42	4	7	70	42	8	11.4	20	12	62
HSK40E-SFSA4-85-M42	4	7	85	42	23	11.4	25	12	74
HSK40E-SFSA4-110-M67	4	7	110	67	23	14	25	12	99
HSK40E-SFSA6-50-M22	6	9	50	22	8	11.3	20	18	39
HSK40E-SFSA6-70-M42	6	9	70	42	8	13.4	20	18	54
HSK40E-SFSA6-85-M42	6	9	85	42	23	13.4	25	18	69
HSK40E-SFSA6-110-M67	6	9	110	67	23	16	25	18	94
HSK40E-SFSA8-60-M22	8	11	60	22	18	13.3	26	24	49
HSK40E-SFSA8-80-M42	8	11	80	42	18	15.4	26	24	64
HSK40E-SFSA8-100-M42	8	11	100	42	38	15.4	25	24	84
HSK40E-SFSA10-60-M22	10	13	60	22	18	15.3	26	30	49
HSK40E-SFSA10-80-M42	10	13	80	42	18	17.4	26	30	64
HSK40E-SFSA10-100-M42	10	13	100	42	38	17.4	25	30	89
HSK40E-SFSA3.175-50-M22	3.175	6.175	50	22	8	8.5	20	9	42

Термопатроны 3°, узкие, форма A

A ↗	G	
≤0.003	G2.5	AD AD/B



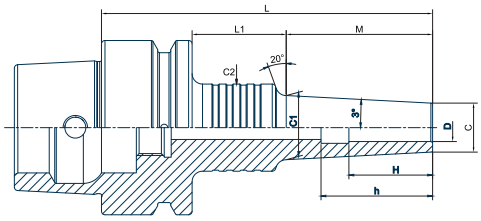


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK50E-SFSA3-60-M22	3	6	60	22	12	8.3	20	9	50
HSK50E-SFSA3-75-M22	3	6	75	22	27	8.3	25	9	61
HSK50E-SFSA3-80-M42	3	6	80	42	12	10.4	20	9	70
HSK50E-SFSA3-95-M42	3	6	95	42	27	10.4	25	9	81
HSK50E-SFSA4-60-M22	4	7	60	22	12	9.3	20	12	50
HSK50E-SFSA4-75-M22	4	7	75	22	27	9.3	25	12	61
HSK50E-SFSA4-80-M42	4	7	80	42	12	11.4	20	12	70
HSK50E-SFSA4-95-M42	4	7	95	42	27	11.4	25	12	85
HSK50E-SFSA6-60-M22	6	9	60	22	12	11.3	20	18	42
HSK50E-SFSA6-75-M22	6	9	75	22	27	11.3	25	18	61
HSK50E-SFSA6-80-M42	6	9	80	42	12	13.4	20	18	62
HSK50E-SFSA6-95-M42	6	9	95	42	27	13.4	25	18	81
HSK50E-SFSA6-120-M67	6	9	120	67	27	16	25	18	106
HSK50E-SFSA6-150-M97	6	9	150	97	27	19.2	32	18	135
HSK50E-SFSA8-65-M22	8	11	65	22	17	13.3	26	24	49
HSK50E-SFSA8-75-M22	8	11	75	22	27	15.4	25	24	61
HSK50E-SFSA8-85-M42	8	11	85	42	17	15.4	26	24	67
HSK50E-SFSA8-95-M42	8	11	95	42	27	15.4	25	24	81
HSK50E-SFSA8-120-M67	8	11	120	67	27	18	32	24	105
HSK50E-SFSA8-150-M97	8	11	150	97	27	21.2	32	24	132
HSK50E-SFSA10-65-M22	10	13	65	22	17	15.3	26	30	49
HSK50E-SFSA10-75-M22	10	13	75	22	27	15.3	25	30	61
HSK50E-SFSA10-85-M42	10	13	85	42	17	17.4	26	30	64
HSK50E-SFSA10-95-M42	10	13	95	42	27	17.4	25	30	81
HSK50E-SFSA10-120-M67	10	13	120	67	27	20	32	30	105
HSK50E-SFSA10-150-M97	10	13	150	97	27	23.2	32	30	64
HSK50E-SFSA12-65-M22	12	15	65	22	17	17.3	26	25	49
HSK50E-SFSA12-75-M22	12	15	75	22	27	17.3	25	30	60
HSK50E-SFSA12-85-M42	12	15	85	42	17	19.4	26	30	64
HSK50E-SFSA12-95-M42	12	15	95	42	27	19.4	32	30	80
HSK50E-SFSA12-120-M67	12	15	120	67	27	22	32	30	105

Термопатроны 3°, узкие, форма A

A ↗	G	
≤0.003	G2.5	AD AD/B



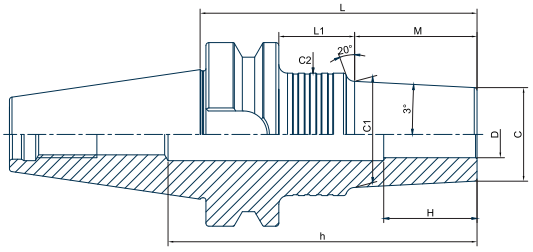


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK63F-SFSA3-75-M37	3	6	75	37	12	9.9	26	9	58
HSK63F-SFSA3-95-M42	3	6	95	42	27	10.4	25	9	73
HSK63F-SFSA4-75-M37	4	7	75	37	12	10.9	26	12	58
HSK63F-SFSA4-95-M42	4	7	95	42	27	11.4	25	12	78
HSK63F-SFSA6-75-M37	6	9	75	37	12	12.9	26	18	58
HSK63F-SFSA6-95-M42	6	9	95	42	27	13.4	25	18	78
HSK63F-SFSA8-95-M42	8	11	95	42	27	15.4	25	24	78
HSK63F-SFSA10-95-M42	10	13	95	42	27	17.4	25	30	74
HSK63F-SFSA12-95-M42	12	15	95	42	27	19.4	32	30	74

Термопатроны 3°, узкие, форма B

A ↗	G	
≤0.003	G2.5	AD AD/B



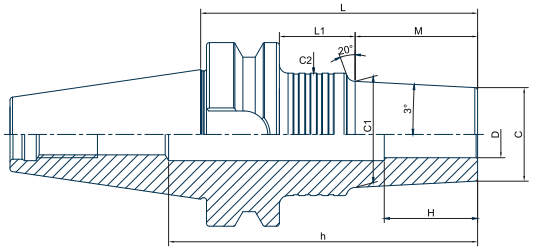


Обозначение	D	C	L	M	L1	C1	C2	H	h
BT40-SFSB6-95-M42	6	10	95	42	26	14.4	25	18	130
BT40-SFSB6-120-M67	6	10	120	67	26	17	25	18	155
BT40-SFSB6-125-M42	6	10	125	42	56	14.4	25	18	160
BT40-SFSB6-150-M67	6	10	150	67	56	17	25	18	185
BT40-SFSB6-150-M97	6	10	150	97	26	20.2	32	18	185
BT40-SFSB6-180-M97	6	10	180	97	56	20.2	36	18	215
BT40-SFSB6-180-M127	6	10	180	127	26	23.3	36	18	215
BT40-SFSB6-210-M127	6	10	210	127	56	23.3	36	18	245
BT40-SFSB6-210-M157	6	10	210	157	26	26.5	36	18	245
BT40-SFSB6-240-M157	6	10	240	157	56	26.5	36	18	275
BT40-SFSB8-95-M42	8	13	95	42	26	17.4	32	24	130
BT40-SFSB8-120-M67	8	13	120	67	26	20	32	24	155
BT40-SFSB8-125-M42	8	13	125	42	56	17.4	36	24	160
BT40-SFSB8-150-M67	8	13	150	67	56	20	36	24	185
BT40-SFSB8-150-M97	8	13	150	97	26	23.2	32	24	185
BT40-SFSB8-180-M97	8	13	180	97	56	23.2	36	24	215
BT40-SFSB8-180-M127	8	13	180	127	26	26.3	36	24	215
BT40-SFSB8-210-M127	8	13	210	127	56	26.3	36	24	245
BT40-SFSB8-210-M157	8	13	210	157	26	29.5	36	24	245
BT40-SFSB8-240-M157	8	13	240	157	56	29.5	36	24	275
BT40-SFSB10-95-M42	10	16	95	42	26	20.4	32	30	130
BT40-SFSB10-120-M67	10	16	120	67	26	23	36	30	155
BT40-SFSB10-125-M42	10	16	125	42	56	20.4	36	30	160
BT40-SFSB10-150-M67	10	16	150	67	56	23	32	30	185
BT40-SFSB10-150-M97	10	16	150	97	26	26.2	32	30	185
BT40-SFSB10-180-M97	10	16	180	97	56	26.2	36	30	215
BT40-SFSB10-180-M127	10	16	180	127	26	29.3	50	30	190
BT40-SFSB10-210-M127	10	16	210	127	56	29.3	50	30	220
BT40-SFSB10-210-M157	10	16	210	157	26	32.5	50	30	220
BT40-SFSB10-240-M127	10	16	240	127	86	29.3	50	30	250

Термопатроны 3°, узкие, форма B

A ↗	G	
≤0.003	G2.5	AD AD/B



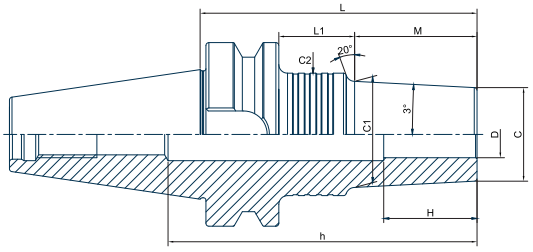


Обозначение	D	C	L	M	L1	C1	C2	H	h
BT40-SFSB10-240-M157	10	16	240	157	56	32.5	50	30	250
BT40-SFSB10-270-M157	10	16	270	157	86	32.5	50	30	305
BT40-SFSB12-95-M42	12	19	95	42	26	23.4	32	30	130
BT40-SFSB12-120-M67	12	19	120	67	26	26	36	30	155
BT40-SFSB12-125-M42	12	19	125	42	56	23.4	36	30	160
BT40-SFSB12-150-M67	12	19	150	67	56	26	36	30	185
BT40-SFSB12-150-M97	12	19	150	97	26	29.2	50	30	160
BT40-SFSB12-180-M97	12	19	180	97	56	29.2	50	30	190
BT40-SFSB12-180-M127	12	19	180	127	26	32.3	50	30	190
BT40-SFSB12-210-M97	12	19	210	97	86	29.2	50	30	220
BT40-SFSB12-210-M127	12	19	210	127	56	32.3	50	30	220
BT40-SFSB12-210-M157	12	19	210	157	26	35.5	50	30	220
BT40-SFSB12-240-M127	12	19	240	127	86	32.3	50	30	250
BT40-SFSB12-240-M157	12	19	240	157	56	35.5	50	30	250
BT40-SFSB12-270-M157	12	19	270	157	86	35.5	50	30	280
BT40-SFSB16-95-M42	16	24	95	42	26	28.4	42	32	105
BT40-SFSB16-120-M67	16	24	120	67	26	31	42	32	130
BT40-SFSB16-125-M42	16	24	125	42	56	28.4	50	32	135
BT40-SFSB16-150-M67	16	24	150	67	56	31	42	32	160
BT40-SFSB16-150-M97	16	24	150	97	26	34.2	50	32	160
BT40-SFSB16-155-M42	16	24	155	42	86	28.2	50	32	165
BT40-SFSB16-180-M67	16	24	180	67	86	31	50	32	190
BT40-SFSB16-180-M97	16	24	180	97	56	34.2	50	32	190
BT40-SFSB16-180-M127	16	24	180	127	26	37.3	50	32	190
BT40-SFSB16-210-M97	16	24	210	97	86	34.2	50	32	220
BT40-SFSB16-210-M127	16	24	210	127	56	37.3	50	32	220
BT40-SFSB16-210-M157	16	24	210	157	26	40.5	50	32	220
BT40-SFSB16-240-M127	16	24	240	127	86	37.3	53	32	250
BT40-SFSB16-240-M157	16	24	240	157	56	40.5	50	32	250
BT40-SFSB16-270-M157	16	24	270	157	86	40.5	50	32	280

Термопатроны 3°, узкие, форма B

A ↗	G	
≤0.003	G2.5	AD AD/B



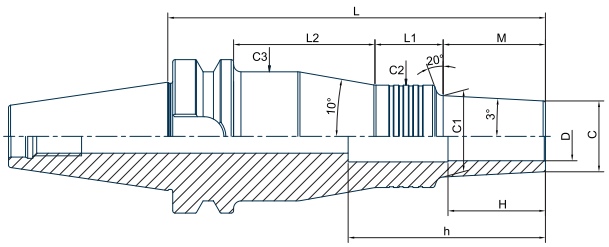


Обозначение	D	C	L	M	L1	C1	C2	H	h
BT40-SFSB20-95-M42	20	29	95	42	26	33.4	42	40	105
BT40-SFSB20-120-M67	20	29	120	67	26	36	42	40	130
BT40-SFSB20-125-M42	20	29	125	42	56	33.4	50	40	135
BT40-SFSB20-150-M67	20	29	150	67	56	36	50	40	160
BT40-SFSB20-150-M97	20	29	150	97	26	39.2	50	40	160
BT40-SFSB20-180-M67	20	29	180	67	86	36	50	40	190
BT40-SFSB20-180-M97	20	29	180	97	56	39.2	50	40	190
BT40-SFSB20-180-M127	20	29	180	127	26	42.3	50	40	190
BT40-SFSB20-210-M97	20	29	210	97	86	39.2	50	40	220
BT40-SFSB20-210-M127	20	29	210	127	56	42.3	50	40	220
BT40-SFSB20-210-M157	20	29	210	157	26	45.5	50	40	220
BT40-SFSB20-240-M127	20	29	240	127	86	42.3	50	40	250
BT40-SFSB20-240-M157	20	29	240	157	56	45.5	50	40	250
BT40-SFSB20-270-M157	20	29	270	157	86	45.5	50	40	280

Термопатроны 3°, узкие, форма B

A ↗	G	
≤0.003	G2.5	AD AD/B



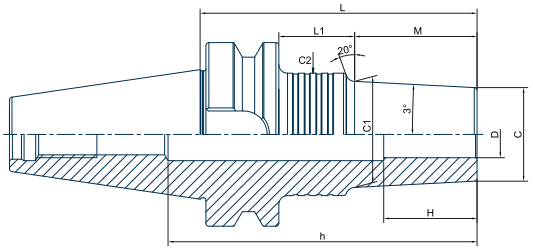


Обозначение	D	C	L	M	L1	L2	C1	C2	C3	H	h
BT40-SFSB6-155-M42	6	10	155	42	33	53	14.4	26	40	18	190
BT40-SFSB6-180-M67	6	10	180	67	33	53	17	25	39	18	215
BT40-SFSB6-210-M97	6	10	210	97	28	58	20.2	36	50	18	245
BT40-SFSB6-240-M127	6	10	240	127	28	58	23.3	36	50	18	275
BT40-SFSB6-270-M157	6	10	270	157	28	58	26..5	36	50	18	305
BT40-SFSB8-155-M42	8	13	155	42	30	56	17.4	32	46	24	190
BT40-SFSB8-180-M67	8	13	180	67	28	58	20	36	50	24	215
BT40-SFSB8-210-M97	8	13	210	97	28	58	23.2	36	50	24	245
BT40-SFSB8-240-MI 27	8	13	240	127	28	58	26.3	36	50	24	275
BT40-SFSB8-270-M157	8	13	270	157	28	58	29.5	42	53	24	305
BT40-SFSB10-155-M42	10	16	155	42	28	58	20.4	36	50	30	190
BT40-SFSB10-180-M67	10	16	180	67	28	58	23	36	50	30	215
BT40-SFSB10-210-M97	10	16	210	97	28	58	26.2	36	50	30	245
BT40-SFSB12-155-M42	12	19	155	42	28	58	23.4	36	50	30	190
BT40-SFSB12-180-M67	12	19	180	67	28	58	26	36	50	30	215
BT40-SFSB20-155-M42	20	29	155	42	28	58	33.4	42	53	40	165

Термопатроны 3°, узкие, форма B

A ↗	G	
≤0.003	G2.5	AD AD/B



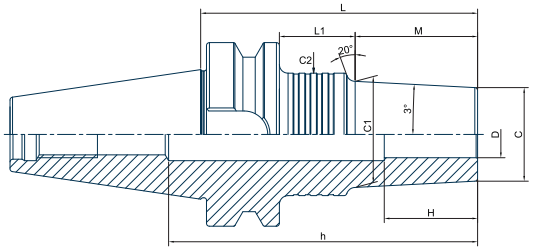


Обозначение	D	C	L	M	L1	C1	C2	H	h
BT50-SFSB6-110-M42	6	10	110	42	30	14.4	26	18	165
BT50-SFSB6-135-M67	6	10	135	67	30	17	25	18	190
BT50-SFSB6-140-M42	6	10	140	42	60	14.4	25	18	195
BT50-SFSB6-165-M67	6	10	165	67	60	17	26	18	220
BT50-SFSB6-165-M97	6	10	165	97	30	20.2	32	18	220
BT50-SFSB6-195-M97	6	10	195	97	60	20.2	32	18	250
BT50-SFSB6-195-MI 27	6	10	195	127	30	23.3	36	18	250
BT50-SFSB6-225-M127	6	10	225	127	60	23.3	36	18	280
BT50-SFSB6-225-M157	6	10	225	157	30	26.5	36	18	280
BT50-SFSB6-255-M157	6	10	255	157	60	26.5	36	18	310
BT50-SFSB8-110-M42	8	13	110	42	30	17.4	32	24	165
BT50-SFSB8-135-M67	8	13	135	67	30	20	32	24	190
BT50-SFSB8-140-M42	8	13	140	42	60	17.4	36	24	195
BT50-SFSB8-165-M67	8	13	165	67	60	20	36	24	220
BT50-SFSB8-165-M97	8	13	165	97	30	23.2	32	24	220
BT50-SFSB8-195-M97	8	13	195	97	60	23.2	32	24	250
BT50-SFSB8-195-M127	8	13	195	127	30	26.3	32	24	250
BT50-SFSB8-225-M127	8	13	225	127	60	26.3	32	24	280
BT50-SFSB8-225-M157	8	13	225	157	30	29.5	42	24	280
BT50-SFSB8-255-M157	8	13	255	157	60	29.5	42	24	310

Термопатроны 3°, узкие, форма B

A ↗	G	
≤0.003	G2.5	AD AD/B



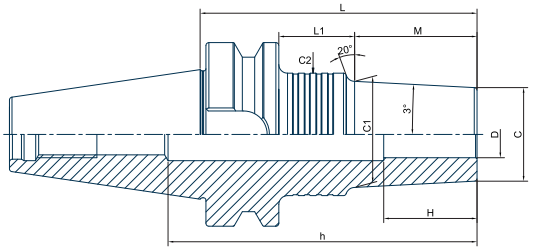


Обозначение	D	C	L	M	L1	C1	C2	H	h
BT50-SFSB10-110-M42	10	16	110	42	30	20.4	32	30	165
BT50-SFSB10-135-M67	10	16	135	67	30	23	32	30	190
BT50-SFSB10-140-M42	10	16	140	42	60	20.4	36	30	195
BT50-SFSB10-165-M67	10	16	165	67	60	23	32	30	220
BT50-SFSB10-165-M97	10	16	165	97	30	26.2	32	30	220
BT50-SFSB10-195-M97	10	16	195	97	60	26.2	32	30	250
BT50-SFSB10-195-M127	10	16	195	127	30	29.3	42	30	250
BT50-SFSB10-225-M127	10	16	225	127	60	29.3	50	30	280
BT50-SFSB10-225-M157	10	16	225	157	30	32.5	50	30	280
BT50-SFSB10-255-M157	10	16	255	157	60	32.5	50	30	310
BT50-SFSB10-285-M157	10	16	285	157	90	32.5	50	30	340
BT50-SFSB12-110-M42	12	19	110	42	30	23.4	32	30	165
BT50-SFSB12-135-M67	12	19	135	67		26	32	30	190
BT50-SFSB12-140-M42	12	19	140	42	60	23.4	36	30	195
BT50-SFSB12-165-M67	12	19	165	67	60	26	36	30	220
BT50-SFSB12-165-M97	12	19	165	97	30	29.2	42	30	220
BT50-SFSB12-195-M97	12	19	195	97	60	29.2	42	30	250
BT50-SFSB12-195-M127	12	19	195	127	30	32.3	50	30	250
BT50-SFSB12-225-M97	12	19	225	97	90	29.2	50	30	280
BT50-SFSB12-225-M127	12	19	225	127	60	32.3	42	30	280
BT50-SFSB12-225-M157	12	19	225	157	30	35.5	42	30	280
BT50-SFSB12-255-M127	12	19	255	127	90	32.3	50	30	310
BT50-SFSB12-255-M157	12	19	255	157	60	35.5	42	30	310

Термопатроны 3°, узкие, форма B

A ↗	G	
≤0.003	G2.5	AD AD/B



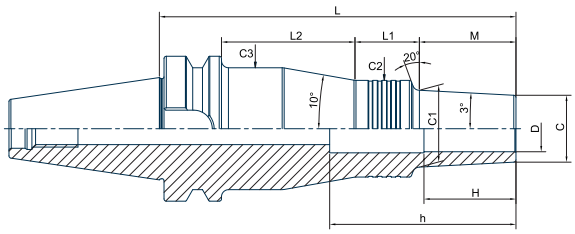


Обозначение	D	C	L	M	L1	C1	C2	H	h
BT50-SFSB16-110-M42	16	24	110	42	30	28.4	42	32	165
BT50-SFSB16-135-M67	16	24	135	67	30	31	42	32	190
BT50-SFSB16-140-M42	16	24	140	42	60	28.4	50	32	195
BT50-SFSB16-165-M67	16	24	165	67	60	31	42	32	220
BT50-SFSB16-165-M97	16	24	165	97	30	34.2	42	32	220
BT50-SFSB16-195-M67	16	24	195	67	90	31	50	32	250
BT50-SFSB16-195-M97	16	24	195	97	60	34.2	50	32	250
BT50-SFSB16-195-M127	16	24	195	127	30	37.3	50	32	250
BT50-SFSB16-225-M127	16	24	225	127	60	37.3	53	32	280
BT50-SFSB16-225-M157	16	24	225	157	30	40.5	50	32	280
BT50-SFSB16-255-M157	16	24	255	157	60	40.5	53	32	310
BT50-SFSB20-110-M42	20	29	110	42	30	33.4	42	40	165
BT50-SFSB20-135-M67	20	29	135	67	30	36	42	40	190
BT50-SFSB20-140-M42	20	29	140	42	60	33.4	50	40	195
BT50-SFSB20-165-M67	20	29	165	67	60	36	50	40	220
BT50-SFSB20-165-M97	20	29	165	97	30	39.2	53	40	220
BT50-SFSB20-195-M67	20	29	195	67	90	36	50	40	250
BT50-SFSB20-195-M97	20	29	195	97	60	39.2	53	40	250
BT50-SFSB20-195-M127	20	29	195	127	30	42.3	53	40	250
BT50-SFSB20-225-M127	20	29	225	127	60	42.3	50	40	280
BT50-SFSB20-225-M157	20	29	225	157	30	45.5	53	40	280
BT50-SFSB20-255-M157	20	29	255	157	60	45.5	53	40	310

Термопатроны 3°, узкие, форма B

A ↗	G	
≤0.003	G2.5	AD AD/B



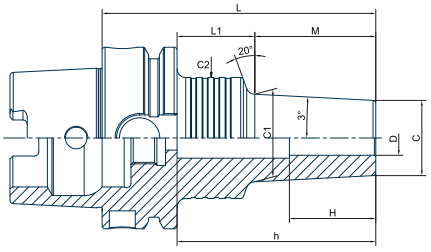


Обозначение	D	C	L	M	L1	L2	C1	C2	C3	H	h
BT50-SFSB6-170-M42	6	10	170	42	33	57	14.4	25	39	18	225
BT50-SFSB6-195-M67	6	10	195	67	33	57	17	26	40	18	250
BT50-SFSB6-225-M97	6	10	225	97	28	62	20.2	36	50	18	280
BT50-SFSB6-255-M127	6	10	255	127	28	62	23.3	36	50	18	310
BT50-SFSB6-285-M157	6	10	285	157	30	60	26.5	32	46	18	340
BT50-SFSB8-170-M42	8	13	170	42	30	60	17.4	32	46	24	225
BT50-SFSB8-195-M67	8	13	195	67	30	60	20	32	46	24	250
BT50-SFSB8-225-M97	8	13	225	97	28	62	23.2	36	50	24	280
BT50-SFSB8-255-M127	8	13	255	127	28	62	26.3	36	50	24	310
BT50-SFSB8-285-M157	8	13	285	157	28	62	29.5	42	56	24	340
BT50-SFSB10-170-M42	10	16	170	42	28	62	20.4	36	50	30	225
BT50-SFSB10-195-M67	10	16	195	67	30	60	23	32	46	30	250
BT50-SFSB10-225-M97	10	16	225	97	30	60	26.2	32	46	30	280
BT50-SFSB10-255-M127	10	16	255	127	28	62	29.3	42	56	30	310
BT50-SFSB12-170-M42	12	19	170	42	28	62	23.4	36	50	30	225
BT50-SFSB12-195-M67	12	19	195	67	28	62	26	36	50	30	250
BT50-SFSB12-285-M157	12	19	285	157	28	62	35.5	42	56	30	340
BT50-SFSB16-170-M42	16	24	170	42	28	62	28.4	42	56	32	225
BT50-SFSB16-225-M97	16	24	225	97	28	62	34.2	42	56	32	280
BT50-SFSB16-255-M127	16	24	255	127	28	62	37.3	53	67	32	310
BT50-SFSB16-285-M157	16	24	285	157	28	62	40.5	53	67	32	340
BT50-SFSB20-170-M42	20	29	170	42	28	62	33.4	42	56	40	225
BT50-SFSB20-225-M97	20	29	225	97	28	62	39.2	53	67	40	280
BT50-SFSB20-255-M127	20	29	255	127	28	62	42.3	53	67	40	310
BT50-SFSB20-285-M157	20	29	285	157	28	62	45.5	53	67	40	340

Термопатроны 3°, узкие, форма B

A ↗	G	
≤0.003	G2.5	AD AD/B



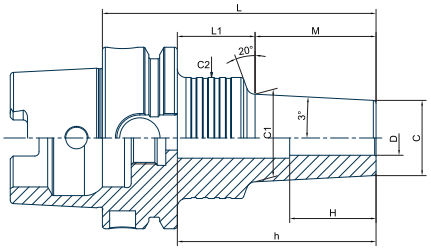


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK63A-SFSB6-95-M42	6	10	95	42	27	14.4	26	18	70
HSK63A-SFSB6-120-M67	6	10	120	67	27	17	25	18	95
HSK63A-SFSB6-125-M42	6	10	125	42	57	14.4	26	18	100
HSK63A-SFSB6-150-M67	6	10	150	67	57	17	25	18	125
HSK63A-SFSB6-150-M97	6	10	150	97	27	20.2	36	18	125
HSK63A-SFSB6-180-M97	6	10	180	97	57	20.2	36	18	155
HSK63A-SFSB6-180-M127	6	10	180	127	27	23.3	36	18	155
HSK63A-SFSB6-210-M127	6	10	210	127	57	23.3	36	18	185
HSK63A-SFSB6-210-M157	6	10	210	157	27	26.5	36	18	185
HSK63A-SFSB6-240-M157	6	10	240	157	57	26.5	36	18	215
HSK63A-SFSB8-95-M42	8	13	95	42	27	17.4	36	24	70
HSK63A-SFSB8-120-M67	8	13	120	67	27	20	32	24	95
HSK63A-SFSB8-125-M42	8	13	125	42	57	17.4	36	24	100
HSK63A-SFSB8-150-M67	8	13	150	67	57	20	32	24	125
HSK63A-SFSB8-150-M97	8	13	150	97	27	23.2	32	24	125
HSK63A-SFSB8-180-M97	8	13	180	97	57	23.2	36	24	155
HSK63A-SFSB8-180-M127	8	13	180	127	27	26.3	36	24	155
HSK63A-SFSB8-210-M127	8	13	210	127	57	26.3	36	24	185
HSK63A-SFSB8-210-M157	8	13	210	157	27	29.5	36	24	185
HSK63A-SFSB8-240-M157	8	13	240	157	57	29.5	36	24	215
HSK63A-SFSB10-95-M42	10	16	95	42	27	20.4	36	30	68
HSK63A-SFSB10-120-M67	10	16	120	67	27	23	32	30	93
HSK63A-SFSB10-125-M42	10	16	125	42	57	20.4	36	30	98
HSK63A-SFSB10-150-M67	10	16	150	67	57	23	36	30	123
HSK63A-SFSB10-150-M97	10	16	150	97	27	26.2	32	30	123
HSK63A-SFSB10-180-M97	10	16	180	97	57	26.2	36	30	153
HSK63A-SFSB10-180-M127	10	16	180	127	27	29.3	50	30	153
HSK63A-SFSB10-210-M127	10	16	210	127	57	29.3	50	30	180
HSK63A-SFSB10-210-M157	10	16	210	157	27	32.5	50	30	180
HSK63A-SFSB10-240-M127	10	16	240	127	87	29.3	50	30	215

Термопатроны 3°, узкие, форма B

A ↗	G	
≤0.003	G2.5	AD AD/B



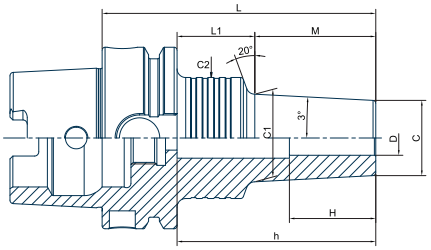


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK63A-SFSB10-240-M157	10	16	240	157	57	32.5	50	30	215
HSK63A-SFSB10-270-M157	10	16	270	157	87	32.5	50	30	245
HSK63A-SFSB12-95-M42	12	19	95	42	27	23.4	36	30	68
HSK63A-SFSB12-120-M67	12	19	120	67	27	26	36	30	93
HSK63A-SFSB12-125-M42	12	19	125	42	57	23.4	32	30	98
HSK63A-SFSB12-150-M67	12	19	150	67	57	26	36	30	123
HSK63A-SFSB12-150-M97	12	19	150	97	27	29.2	50	30	123
HSK63A-SFSB12-180-M97	12	19	180	97	57	29.2	50	30	150
HSK63A-SFSB12-180-M127	12	19	180	127	27	32.3	50	30	153
HSK63A-SFSB12-210-M97	12	19	210	97	87	29.2	50	30	180
HSK63A-SFSB12-210-M127	12	19	210	127	57	32.3	50	30	180
HSK63A-SFSB12-210-M157	12	19	210	157	27	35.5	50	30	183
HSK63A-SFSB12-240-M127	12	19	240	127	87	32.3	50	30	215
HSK63A-SFSB12-240-M157	12	19	240	157	57	35.5	50	30	215
HSK63A-SFSB12-270-M157	12	19	270	157	87	35.5	50	30	245
HSK63A-SFSB16-95-M42	16	24	95	42	27	28.4	42	32	68
HSK63A-SFSB16-120-M67	16	24	120	67	27	31	50	32	93
HSK63A-SFSB16-125-M42	16	24	125	42	57	28.4	50	32	95
HSK63A-SFSB16-150-M67	16	24	150	67	57	31	50	32	120
HSK63A-SFSB16-150-M97	16	24	150	97	27	34.2	50	32	123
HSK63A-SFSB16-155-M42	16	24	155	42	87	28.4	50	32	130
HSK63A-SFSB16-180-M97	16	24	180	97	57	34.2	50	32	155
HSK63A-SFSB16-180-M127	16	24	180	127	27	37.3	53	32	153
HSK63A-SFSB16-210-M97	16	24	210	97	87	34.2	50	32	185
HSK63A-SFSB16-210-M127	16	24	210	127	57	37.3	53	32	185
HSK63A-SFSB16-210-M157	16	24	210	157	27	40.5	50	32	183
HSK63A-SFSB16-240-M127	16	24	240	127	87	37.3	53	32	215
HSK63A-SFSB16-240-M157	16	24	240	157	57	40.5	50	32	215
HSK63A-SFSB16-270-M157	16	24	270	157	87	40.5	50	32	245

Термопатроны 3°, узкие, форма B

A ↗	G	
≤0.003	G2.5	AD AD/B



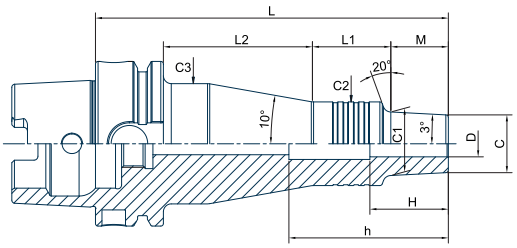


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK63A-SFSB20-95-M42	20	29	95	42	27	33.4	50	40	68
HSK63A-SFSB20-120-M67	20	29	120	67	27	36	50	40	93
HSK63A-SFSB20-125-M42	20	29	125	42	57	33.4	50	40	95
HSK63A-SFSB20-150-M67	20	29	150	67	57	36	50	40	120
HSK63A-SFSB20-150-M97	20	29	150	97	27	39.2	50	40	123
HSK63A-SFSB20-155-M42	20	29	155	42	87	33.4	50	40	130
HSK63A-SFSB20-180-M67	20	29	180	67	87	36	50	40	155
HSK63A-SFSB20-180-M97	20	29	180	97	57	39.2	50	40	155
HSK63A-SFSB20-180-M127	20	29	180	127	27	42.3	50	40	153
HSK63A-SFSB20-210-M97	20	29	210	97	87	39.2	50	40	185
HSK63A-SFSB20-210-M127	20	29	210	127	57	42.3	50	40	185
HSK63A-SFSB20-210-M157	20	29	210	157	27	45.5	50	40	183
HSK63A-SFSB20-240-M127	20	29	240	127	87	42.3	50	40	215
HSK63A-SFSB20-240-M157	20	29	240	157	57	45.5	50	40	215
HSK63A-SFSB20-270-M157	20	29	270	157	87	45.5	50	40	245

Термопатроны 3°, узкие, форма B

A ↗	G	
≤0.003	G2.5	AD AD/B



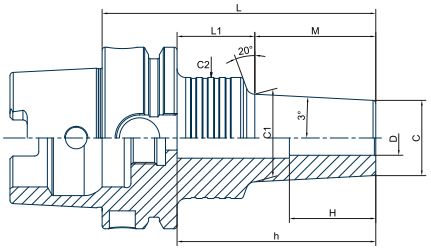


Обозначение	D	C	L	M	L1	C1	C2	C3	H	h
HSK63A-SFSB6-155-M42	6	10	155	42	33	14.4	25	39	18	130
HSK63A-SFSB6-180-M67	6	10	180	67	33	17	25	39	18	155
HSK63A-SFSB6-210-M97	6	10	210	97	28	20.2	36	50	18	185
HSK63A-SFSB6-240-M127	6	10	240	127	28	23.3	36	50	18	215
HSK63A-SFSB6-270-M157	6	10	270	157	30	26.5	32	46	18	245
HSK63A-SFSB8-155-M42	8	13	155	42	30	17.4	32	46	24	130
HSK63A-SFSB8-180-M67	8	13	180	67	30	20	32	46	24	155
HSK63A-SFSB8-210-M97	8	13	210	97	27	23.2	36	50	24	185
HSK63A-SFSB8-240-M127	8	13	240	127	30	26.3	32	46	24	215
HSK63A-SFSB8-270-M157	8	13	270	157	28	29.5	36	50	24	245
HSK63A-SFSB10-155-M42	10	16	155	42	28	20.4	36	50	30	128
HSK63A-SFSB10-180-M67	10	16	180	67	28	23	36	50	30	153
HSK63A-SFSB10-210-M97	10	16	210	97	28	26.2	36	50	30	180
HSK63A-SFSB12-155-M42	12	19	155	42	30	23.4	32	46	30	128
HSK63A-SFSB12-180-M67	12	19	180	67	28	26	36	50	30	153
HSK63A-SFSB16-180-M67	16	24	180	67	28	31	42	53	32	155

Термопатроны 3°, узкие, форма B

A ↗	G	
≤0.003	G2.5	AD AD/B



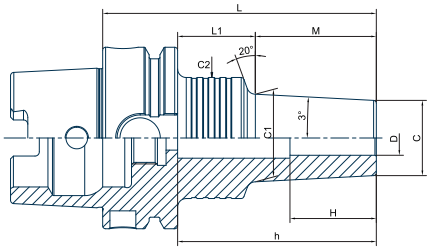


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK100A-SFSB6-110-M42	6	10	110	42	39	14.4	26	18	80
HSK100A-SFSB6-135-M67	6	10	135	67	39	17	26	18	105
HSK100A-SFSB6-140-M42	6	10	140	42	69	14.4	26	18	110
HSK100A-SFSB6-165-M67	6	10	165	67	69	17	26	18	135
HSK100A-SFSB6-165-M97	6	10	165	97	39	20.2	36	18	135
HSK100A-SFSB6-195-M97	6	10	195	97	69	20.2	36	18	165
HSK100A-SFSB6-195-M127	6	10	195	127	39	23.3	36	18	165
HSK100A-SFSB6-225-M127	6	10	225	127	69	23.3	32	18	195
HSK100A-SFSB6-225-M157	6	10	225	157	39	26.5	32	18	195
HSK100A-SFSB6-255-M157	6	10	255	157	69	26.5	32	18	225
HSK100A-SFSB8-110-M42	8	13	110	42	39	17.4	36	24	80
HSK100A-SFSB8-135-M67	8	13	135	67	39	20	36	24	105
HSK100A-SFSB8-140-M42	8	13	140	42	69	17.4	32	24	110
HSK100A-SFSB8-165-M67	8	13	165	67	69	20	32	24	135
HSK100A-SFSB8-165-M97	8	13	165	97	39	23.2	32	24	135
HSK100A-SFSB8-195-M97	8	13	195	97	69	23.2	32	24	165
HSK100A-SFSB8-195-M127	8	13	195	127	39	26.3	36	24	165
HSK100A-SFSB8-225-M127	8	13	225	127	69	26.3	36	24	195
HSK100A-SFSB8-225-M157	8	13	225	157	39	29.5	42	24	195
HSK100A-SFSB8-255-M157	8	13	255	157	69	29.5	42	24	225
HSK100A-SFSB10-110-M42	10	16	110	42	39	20.4	36	30	80
HSK100A-SFSB10-135-M67	10	16	135	67	39	23	36	30	105
HSK100A-SFSB10-140-M42	10	16	140	42	69	20.4	32	30	110
HSK100A-SFSB10-165-M67	10	16	165	67	69	23	32	30	135
HSK100A-SFSB10-165-M97	10	16	165	97	39	26.2	36	30	135
HSK100A-SFSB10-195-M97	10	16	195	97	69	26.2	36	30	165
HSK100A-SFSB10-195-M127	10	16	195	127	39	29.3	42	30	165
HSK100A-SFSB10-225-M127	10	16	225	127	69	29.3	50	30	195
HSK100A-SFSB10-225-M157	10	16	225	157	39	32.5	42	30	195
HSK100A-SFSB10-255-M127	10	16	255	127	99	29.3	50	30	225

Термопатроны 3°, узкие, форма B

A ↗	G	
≤0.003	G2.5	AD AD/B



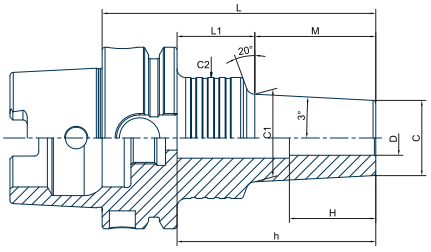


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK100A-SFSB10-255-M157	10	16	255	157	69	32.5	42	30	225
HSK100A-SFSB10-285-M157	10	16	285	157	99	32.5	50	30	255
HSK100A-SFSB12-110-M42	12	19	110	42	39	23.4	36	30	79
HSK100A-SFSB12-135-M67	12	19	135	67	39	26	32	30	104
HSK100A-SFSB12-140-M42	12	19	140	42	69	23.4	32	30	105
HSK100A-SFSB12-165-M67	12	19	165	67	69	26	36	30	130
HSK100A-SFSB12-165-M97	12	19	165	97	39	29.2	50	30	130
HSK100A-SFSB12-195-M97	12	19	195	97	69	29.2	50	30	160
HSK100A-SFSB12-195-M127	12	19	195	127	39	32.3	50	30	160
HSK100A-SFSB12-225-M97	12	19	225	97	99	29.2	50	30	190
HSK100A-SFSB12-225-M127	12	19	225	127	69	32.3	42	30	190
HSK100A-SFSB12-225-M157	12	19	225	157	39	35.5	50	30	190
HSK100A-SFSB12-255-M127	12	19	255	127	99	32.3	50	30	220
HSK100A-SFSB12-255-M157	12	19	255	157	69	35.5	42	30	220
HSK100A-SFSB12-285-M157	12	19	285	157	99	35.5	50	30	250
HSK100A-SFSB16-110-M42	16	24	110	42	39	28.4	50	32	75
HSK100A-SFSB16-135-M67	16	24	135	67	39	31	50	32	100
HSK100A-SFSB16-140-M42	16	24	140	42	69	28.4	50	32	105
HSK100A-SFSB16-165-M67	16	24	165	67	69	31	42	32	130
HSK100A-SFSB16-165-M97	16	24	165	97	39	34.2	50	32	130
HSK100A-SFSB16-170-M42	16	24	170	42	99	28.4	50	32	135
HSK100A-SFSB16-195-M67	16	24	195	67	99	31	50	32	160
HSK100A-SFSB16-195-M97	16	24	195	97	69	34.2	42	32	160
HSK100A-SFSB16-195-M127	16	24	195	127	39	37.3	50	32	160
HSK100A-SFSB16-225-M97	16	24	225	97	99	34.2	50	32	190
HSK100A-SFSB16-225-M127	16	24	225	127	69	37.3	50	32	190
HSK100A-SFSB16-225-M157	16	24	225	157	39	40.5	53	32	190
HSK100A-SFSB16-255-M157	16	24	255	157	69	40.5	50	32	220

Термопатроны 3°, узкие, форма B

A ↗	G	
≤0.003	G2.5	AD AD/B



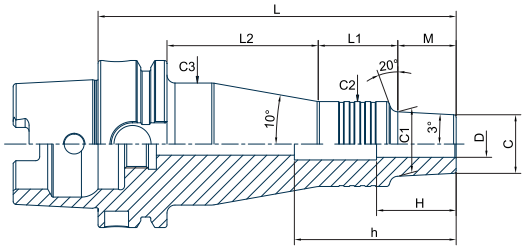


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK100A-SFSB20-110-M42	20	29	110	42	39	33.4	50	40	75
HSK100A-SFSB20-135-M67	20	29	135	67	39	36	42	40	100
HSK100A-SFSB20-140-M42	20	29	140	42	69	33.4	50	40	105
HSK100A-SFSB20-165-M67	20	29	165	67	69	36	50	40	130
HSK100A-SFSB20-165-M97	20	29	165	97	39	39.2	53	40	130
HSK100A-SFSB20-195-M67	20	29	195	67	99	36	50	40	160
HSK100A-SFSB20-195-M97	20	29	195	97	69	39.2	50	40	160
HSK100A-SFSB20-195-M127	20	29	195	127	39	42.3	53	40	160
HSK100A-SFSB20-225-M97	20	29	225	97	99	39.2	50	40	190
HSK100A-SFSB20-225-M127	20	29	225	127	69	42.3	50	40	190
HSK100A-SFSB20-225-M157	20	29	225	157	39	45.5	53	40	190
HSK100A-SFSB20-255-M127	20	29	255	127	99	42.3	50	40	220
HSK100A-SFSB20-255-M157	20	29	255	157	69	45.5	50	40	220

Термопатроны 3°, узкие, форма B

A ↗	G	
≤0.003	G2.5	AD AD/B



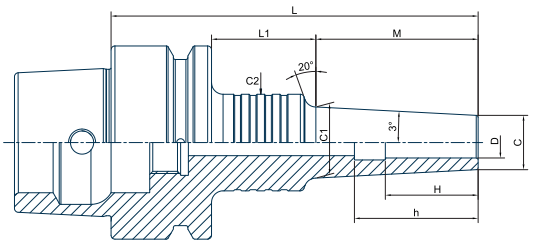


Обозначение	D	C	L	M	L1	L2	C1	C2	C3	H	h
HSK100A-SFSB6-170-M42	6	10	170	42	33	66	14.4	26	40	18	140
HSK100A-SFSB6-195-M67	6	10	195	67	33	66	17	26	40	18	165
HSK100A-SFSB6-225-M97	6	10	225	97	28	71	20.2	36	50	18	195
HSK100A-SFSB6-255-M127	6	10	255	127	28	71	23.3	36	50	18	225
HSK100A-SFSB6-285-M157	6	10	285	157	30	69	26.5	32	46	18	255
HSK100A-SFSB8-170-M42	8	13	170	42	28	71	17.4	36	50	24	140
HSK100A-SFSB8-195-M67	8	13	195	67	30	69	20	32	46	24	165
HSK100A-SFSB8-225-M97	8	13	225	97	30	69	23.2	32	46	24	195
HSK100A-SFSB8-255-M127	8	13	255	127	30	69	26.3	32	46	24	225
HSK100A-SFSB8-285-M157	8	13	285	157	28	71	29.5	42	56	24	255
HSK100A-SFSB10-170-M42	10	16	170	42	28	71	20.4	36	50	30	140
HSK100A-SFSB10-195-M67	10	16	195	67	28	71	23	36	50	30	165
HSK100A-SFSB10-225-M97	10	16	225	97	30	69	26.2	32	46	30	195
HSK100A-SFSB12-170-M42	12	19	170	42	28	71	23.4	36	50	30	135
HSK100A-SFSB12-195-M67	12	19	195	67	28	71	26	36	50	30	160
HSK100A-SFSB16-255-M127	16	24	255	127	28	71	37.3	53	67	32	220
HSK100A-SFSB16-285-M157	16	24	285	157	28	71	40.5	53	67	32	250
HSK100A-SFSB20-170-M42	20	29	170	42	28	71	33.4	42	56	40	135
HSK100A-SFSB20-285-M157	20	29	285	157	28	71	45.5	53	67	40	250

Термопатроны 3°, узкие, форма B

A ↗	G	
≤0.003	G2.5	AD AD/B



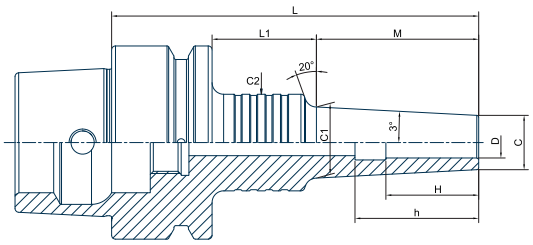


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK50E-SFSB6-95-M42	6	10	95	42	27	14.4	25	18	77
HSK50E-SFSB6-120-M67	6	10	120	67	27	17	25	18	102
HSK50E-SFSB6-150-M97	6	10	150	97	27	20.2	32	18	135
HSK50E-SFSB8-95-M42	8	13	95	42	27	17.4	32	24	77
HSK50E-SFSB8-120-M67	8	13	120	67	27	20	32	24	105
HSK50E-SFSB8-150-M97	8	13	150	97	27	23.2	32	24	132
HSK50E-SFSB10-95-M42	10	16	95	42	27	20.4	32	30	80
HSK50E-SFSB10-120-M67	10	16	120	67	27	23	32	30	105
HSK50E-SFSB10-150-M97	10	16	150	97	27	26.2	32	30	135
HSK50E-SFSB12-95-M42	12	19	95	42	27	23.4	32	30	64
HSK50E-SFSB12-120-M67	12	19	120	67	27	26	32	30	64
HSK50E-SFSB12-150-M97	12	19	150	97	27	29.2	32	30	135
HSK50E-SFSB16-95-M42	16	24	95	42	27	28.4	42	32	81
HSK50E-SFSB16-120-M67	16	24	120	67	27	31	42	32	81
HSK50E-SFSB20-95-M42	20	29	95	42	27	33.4	42	40	82

Термопатроны 3°, узкие, форма B

A ↗	G	
≤0.003	G2.5	AD AD/B



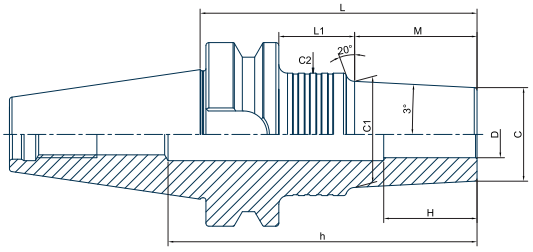


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK63F-SFSB6-95-M42	6	10	95	42	27	14.4	25	18	73
HSK63F-SFSB8-95-M42	8	13	95	42	27	17.4	32	24	73
HSK63F-SFSB10-95-M42	10	16	95	42	27	20.4	32	30	73
HSK63F-SFSB12-95-M42	12	19	95	42	27	23.4	32	30	73

Термопатроны 3°, стандартные, форма A

A ↗	G	
≤0.003	G2.5	AD AD/B



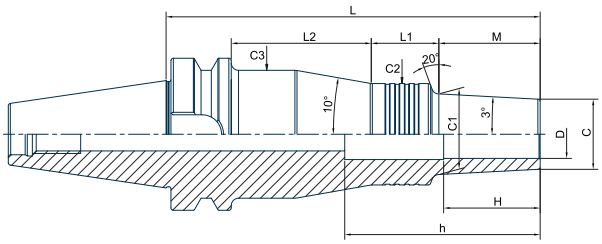


Обозначение	D	C	L	M	L1	C1	C2	H	h
BT30-SFRA3-75-M22	3	7.5	75	22	31	9.8	25	9	99
BT30-SFRA4-75-M22	4	10	75	22	31	12.3	25	12	99
BT30-SFRA6-75-M22	6	12	75	22	31	14.3	25	18	99
BT30-SFRA8-75-M22	8	14	75	22	31	16.3	25	24	99
BT30-SFRA10-75-M22	10	16	75	22	31	18.3	25	30	99
BT30-SFRA12-75-M22	12	20	75	22	31	22.3	25	30	99
BT30-SFRA16-60-M22	16	26	60	22	16	28.3	34	32	60
BT30-SFRA20-65-M22	20	32	65	22	21	34.3	40	38	60
BT40-SFRA3-75-M22	3	7.5	75	22	26	9.8	25	9	110
BT40-SFRA3-95-M42	3	7.5	95	42	26	11.9	25	9	130
BT40-SFRA3-105-M22	3	7.5	105	22	56	9.8	26	9	140
BT40-SFRA3-120-M67	3	7.5	120	67	26	14.5	26	9	155
BT40-SFRA3-125-M42	3	7.5	125	42	56	11.9	26	9	160
BT40-SFRA3-150-M67	3	7.5	150	67	56	14.5	26	9	185
BT40-SFRA3-150-M97	3	7.5	150	97	26	17.7	26	9	185
BT40-SFRA3-180-M97	3	7.5	180	97	56	17.7	26	9	215
BT40-SFRA3-180-M127	3	7.5	180	127	26	20.8	36	9	215
BT40-SFRA3-210-M127	3	7.5	210	127	56	20.8	36	9	245
BT40-SFRA4-75-M22	4	10	75	22	26	12.3	25	12	110
BT40-SFRA4-95-M42	4	10	95	42	26	14.4	26	12	130
BT40-SFRA4-105-M22	4	10	105	22	56	12.3	26	12	140
BT40-SFRA4-120-M67	4	10	120	67	26	17	25	12	155
BT40-SFRA4-125-M42	4	10	125	42	56	14.4	26	12	160
BT40-SFRA4-150-M67	4	10	150	67	56	17	25	12	185
BT40-SFRA4-150-M97	4	10	150	97	26	20.2	25	12	185
BT40-SFRA4-180-M97	4	10	180	97	56	20.2	26	12	215
BT40-SFRA4-180-M127	4	10	180	127	26	23.3	36	12	215
BT40-SFRA4-210-M127	4	10	210	127	56	23.3	36	12	245

Термопатроны 3°, стандартные, форма А

A ↗	G	
≤0.003	G2.5	AD AD/B



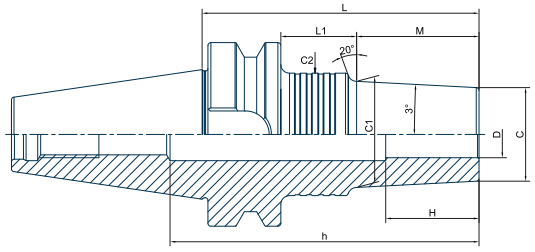


Обозначение	D	C	L	M	L1	L2	C1	C2	C3	H	h
BT40-SFRA3-135-M22	3	7.5	22	22	33	53	9.8	25	39	9	170
BT40-SFRA3-155-M42	3	7.5	42	42	33	53	11.9	26	40	9	190
BT40-SFRA3-180-M67	3	7.5	67	67	33	53	14.5	26	40	9	215
BT40-SFRA3-210-M97	3	7.5	97	97	33	53	17.7	26	40	9	245
BT40-SFRA3-240-M127	3	7.5	127	127	28	58	20.8	36	50	9	275
BT40-SFRA4-135-M22	4	10	22	22	33	53	12.3	26	40	12	170
BT40-SFRA4-155-M42	4	10	42	42	33	53	14.4	26	40	12	190
BT40-SFRA4-180-M67	4	10	67	67	33	53	17	25	39	12	215
BT40-SFRA4-210-M97	4	10	97	97	33	53	20.2	26	40	12	245
BT40-SFRA4-240-M127	4	10	127	127	28	58	23.3	36	50	12	275

Термопатроны 3°, стандартные, форма A

A ↗	G	
≤0.003	G2.5	AD AD/B



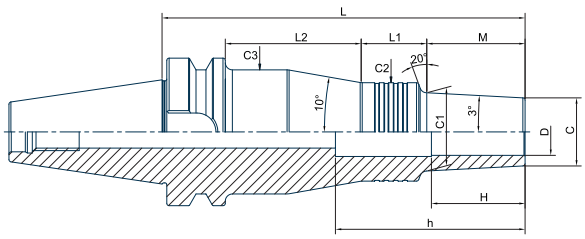


Обозначение	D	C	L	M	L1	C1	C2	H	h
BT50-SFRA3-90-M22	3	7.5	90	22	30	9.8	25	9	145
BT50-SFRA3-110-M42	3	7.5	110	42	30	11.9	26	9	165
BT50-SFRA3-120-M22	3	7.5	120	22	60	9.8	26	9	175
BT50-SFRA3-135-M67	3	7.5	135	67	30	14.5	26	9	190
BT50-SFRA3-140-M42	3	7.5	140	42	60	11.9	26	9	195
BT50-SFRA3-165-M67	3	7.5	165	67	60	14.5	26	9	220
BT50-SFRA3-165-M97	3	7.5	165	97	30	17.7	26	9	220
BT50-SFRA3-195-M97	3	7.5	195	97	60	17.7	26	9	250
BT50-SFRA3-195-M127	3	7.5	195	127	30	20.8	32	9	250
BT50-SFRA3-225-M127	3	7.5	225	127	60	20.8	36	9	280
BT50-SFRA4-90-M22	4	10	90	22	30	12.3	25	12	145
BT50-SFRA4-110-M42	4	10	110	42	30	14.4	26	12	165
BT50-SFRA4-120-M22	4	10	120	22	60	12.3	25	12	175
BT50-SFRA4-135-M67	4	10	135	67	30	17	26	12	190
BT50-SFRA4-140-M42	4	10	140	42	60	14.4	26	12	195
BT50-SFRA4-165-M67	4	10	165	67	60	17	26	12	220
BT50-SFRA4-165-M97	4	10	165	97	30	20.2	26	12	220
BT50-SFRA4-195-M97	4	10	195	97	60	20.2	26	12	250
BT50-SFRA4-195-M127	4	10	195	127	30	23.3	36	12	250
BT50-SFRA4-225-MI 27	4	10	225	127	60	23.3	36	12	280

Термопатроны 3°, стандартные, форма A

A ↗	G	
≤0.003	G2.5	AD AD/B



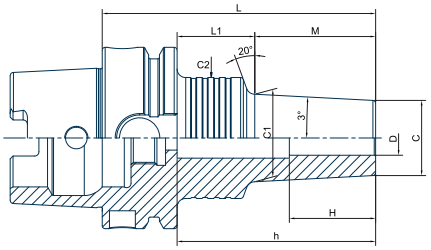


Обозначение	D	C	L	M	L1	L2	C1	C2	C3	H	h
BT50-SFRA3-150-M22	3	7.5	150	22	33	57	9.8	25	39	9	205
BT50-SFRA3-170-M42	3	7.5	170	42	33	57	11.9	25	40	9	225
BT50-SFRA3-195-M67	3	7.5	195	67	33	57	14.5	25	40	9	250
BT50-SFRA3-225-M97	3	7.5	225	97	33	57	17.7	26	40	9	280
BT50-SFRA3-255-M127	3	7.5	255	127	30	60	20.8	32	46	9	310
BT50-SFRA4-150-M22	4	10	150	22	33	57	12.3	25	39	12	205
BT50-SFRA4-170-M42	4	10	170	42	33	57	14.4	26	40	12	225
BT50-SFRA4-195-M67	4	10	195	67	33	57	17	26	40	12	250
BT50-SFRA4-225-M97	4	10	225	97	33	57	20.2	26	40	12	280
BT50-SFRA4-255-M127	4	10	255	127	30	60	23.3	32	46	12	310

Термопатроны 3°, стандартные, форма A

A ↗	G	
≤0.003	G2.5	AD AD/B



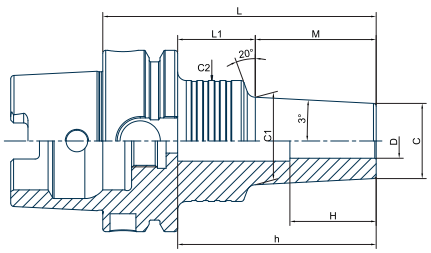


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK40A-SFRA3-65-M22	3	7.5	65	22	23	9.8	25	9	44
HSK40A-SFRA3-85-M42	3	7.5	85	42	23	11.9	25	9	64
HSK40A-SFRA4-65-M22	4	10	65	22	23	12.3	25	12	44
HSK40A-SFRA4-85-M42	4	10	85	42	23	14.4	25	12	64
HSK40A-SFRA6-65-M22	6	12	65	22	23	14.3	25	18	44
HSK40A-SFRA6-85-M42	6	12	85	42	23	16.4	25	18	64
HSK40A-SFRA8-65-M22	8	14	65	22	23	16.3	25	24	44
HSK40A-SFRA8-85-M42	8	14	85	42	23	18.4	25	24	64
HSK40A-SFRA10-65-M22	10	16	65	22	23	18.3	25	30	44
HSK40A-SFRA10-90-M42	10	16	90	42	28	20.4	32	30	60
HSK40A-SFRA12-65-M22	12	20	65	22	23	22.3	25	30	44
HSK40A-SFRA16-65-M22	16	26	65	22	23	28.3	34	32	43
HSK40A-SFRA20-70-M50	20	32	70	50	-	34	-	38	48
HSK50A-SFRA3-75-M22	3	7.5	75	22	27	9.8	25	9	49
HSK50A-SFRA3-95-M42	3	7.5	95	42	27	11.9	25	9	69
HSK50A-SFRA3-125-M42	3	7.5	125	42	57	11.9	25	9	100
HSK50A-SFRA4-75-M22	4	10	75	22	27	12.3	25	12	49
HSK50A-SFRA4-95-M42	4	10	95	42	27	14.4	25	12	69
HSK50A-SFRA4-125-M42	4	10	125	42	57	14.4	25	12	99

Термопатроны 3°, стандартные, форма A

A ↗	G	
≤0.003	G2.5	AD AD/B



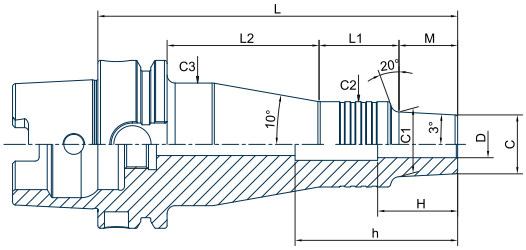


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK63A-SFRA3-75-M22	3	7.5	75	22	27	9.8	25	9	50
HSK63A-SFRA3-95-M42	3	7.5	95	42	27	11.9	25	9	70
HSK63A-SFRA3-105-M22	3	7.5	105	22	57	9.8	26	9	80
HSK63A-SFRA3-120-M67	3	7.5	120	67	27	14.5	26	9	95
HSK63A-SFRA3-125-M42	3	7.5	125	42	57	11.9	26	9	100
HSK63A-SFRA3-150-M67	3	7.5	150	67	57	14.5	25	9	125
HSK63A-SFRA3-150-M97	3	7.5	150	97	27	17.7	25	9	125
HSK63A-SFRA3-180-M97	3	7.5	180	97	57	17.7	26	9	155
HSK63A-SFRA3-180-M127	3	7.5	180	127	27	20.8	36	9	155
HSK63A-SFRA3-210-M127	3	7.5	210	127	57	20.8	36	9	185
HSK63A-SFRA4-75-M22	4	10	75	22	27	12.3	25	12	50
HSK63A-SFRA4-95-M42	4	10	95	42	27	14.4	25	12	70
HSK63A-SFRA4-105-M22	4	10	105	22	57	12.3	26	12	80
HSK63A-SFRA4-120-M67	4	10	120	67	27	17	25	12	95
HSK63A-SFRA4-125-M42	4	10	125	42	57	14.4	26	12	100
HSK63A-SFRA4-150-M67	4	10	150	67	57	17	26	12	125
HSK63A-SFRA4-150-M97	4	10	150	97	27	20.2	25	12	125
HSK63A-SFRA4-180-M97	4	10	180	97	57	20.2	26	12	155
HSK63A-SFRA4-180-M127	4	10	180	127	27	23.3	36	12	155
HSK63A-SFRA4-210-M127	4	10	210	127	57	23.3	36	12	185

Термопатроны 3°, стандартные, форма A

A ↗	G	
≤0.003	G2.5	AD AD/B



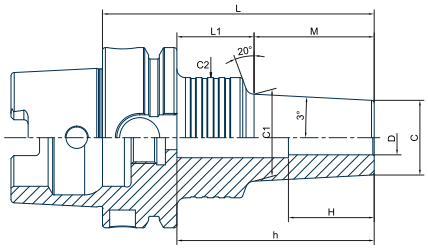


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK63A-SFRA3-135-M22	3	7.5	135	22	33	9.8	25	9	110
HSK63A-SFRA3-155-M42	3	7.5	155	42	33	11.9	26	9	130
HSK63A-SFRA3-180-M67	3	7.5	180	67	33	14.5	26	9	155
HSK63A-SFRA3-210-M97	3	7.5	210	97	33	17.7	26	9	185
HSK63A-SFRA3-240-M127	3	7.5	240	127	28	20.8	36	9	215
HSK63A-SFRA4-135-M22	4	10	135	22	33	12.3	26	12	110
HSK63A-SFRA4-155-M42	4	10	155	42	33	14.4	25	12	130
HSK63A-SFRA4-180-M67	4	10	180	67	33	17	25	12	155
HSK63A-SFRA4-210-M97	4	10	210	97	33	20.2	26	12	185
HSK63A-SFRA4-240-M127	4	10	240	127	28	23.3	36	12	215

Термопатроны 3°, стандартные, форма A

A ↗	G	
≤0.003	G2.5	AD AD/B



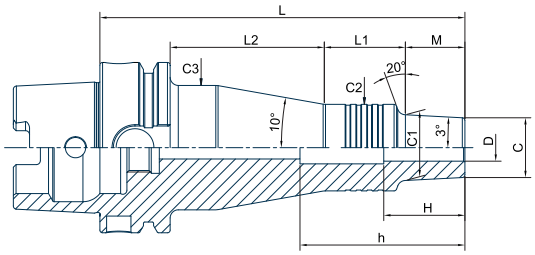


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK100A-SFRA3-90-M22	3	7.5	90	22	39	9.8	26	9	60
HSK100A-SFRA3-110-M42	3	7.5	110	42	39	11.9	26	9	80
HSK100A-SFRA3-120-M22	3	7.5	120	22	69	9.8	25	9	90
HSK100A-SFRA3-135-M67	3	7.5	135	67	39	14.5	26	9	105
HSK100A-SFRA3-140-M42	3	7.5	140	42	69	11.9	26	9	110
HSK100A-SFRA3-165-M67	3	7.5	165	67	69	14.5	26	9	135
HSK100A-SFRA3-165-M97	3	7.5	165	97	39	17.7	26	9	135
HSK100A-SFRA3-195-M97	3	7.5	195	97	69	17.7	26	9	165
HSK100A-SFRA3-195-M127	3	7.5	195	127	39	20.8	36	9	165
HSK100A-SFRA3-225-MI 27	3	7.5	225	127	69	20.8	36	9	195
HSK100A-SFRA4-90-M22	4	10	90	22	39	12.3	26	12	60
HSK100A-SFRA4-110-M42	4	10	110	42	39	14.4	26	12	80
HSK100A-SFRA4-120-M22	4	10	120	22	69	12.3	26	12	90
HSK100A-SFRA4-135-M67	4	10	135	67	39	17	26	12	105
HSK100A-SFRA4-140-M42	4	10	140	42	69	14.4	26	12	110
HSK100A-SFRA4-165-M67	4	10	165	67	69	17	26	12	135
HSK100A-SFRA4-165-M97	4	10	165	97	39	20.2	26	12	135
HSK100A-SFRA4-195-M97	4	10	195	97	69	20.2	26	12	165
HSK100A-SFRA4-195-MI 27	4	10	195	127	39	23.3	32	12	165
HSK100A-SFRA4-225-M127	4	10	225	127	69	23.3	36	12	195

Термопатроны 3°, стандартные, форма A

A ↗	G	
≤0.003	G2.5	AD AD/B



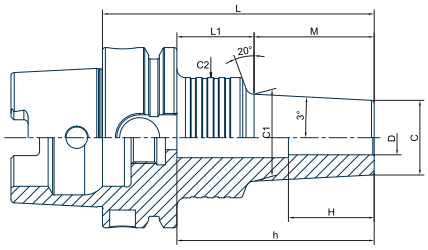


Обозначение	D	C	L	M	L1	L2	C1	C2	C3	H	h
HSK100A-SFRA3-150-M22	3	7.5	150	22	33	66	9.8	26	40	9	120
HSK100A-SFRA3-170-M42	3	7.5	170	42	33	66	11.9	26	40	9	140
HSK100A-SFRA3-195-M67	3	7.5	195	67	33	66	14.5	26	40	9	165
HSK100A-SFRA3-225-M97	3	7.5	225	97	33	66	17.7	26	40	9	195
HSK100A-SFRA3-255-M127	3	7.5	255	127	28	71	20.8	36	50	9	225
HSK100A-SFRA4-150-M22	4	10	150	22	33	66	12.3	26	40	12	120
HSK100A-SFRA4-170-M42	4	10	170	42	33	66	14.4	26	40	12	140
HSK100A-SFRA4-195-M67	4	10	195	67	33	66	17	25	39	12	165
HSK100A-SFRA4-225-M97	4	10	225	97	33	66	20.2	26	40	12	195
HSK100A-SFRA4-255-M127	4	10	255	127	28	71	23.3	36	50	12	225

Термопатроны 3°, стандартные, форма A

A ↗	G	
≤0.003	G2.5	AD AD/B



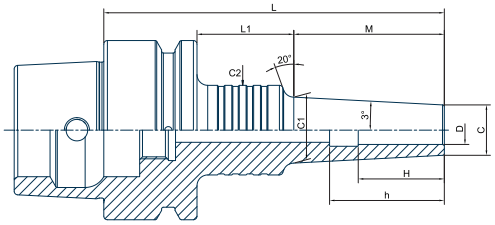


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK25E-SFRA3-35	3	7.5	35	17	8	9.3	18	9	29
HSK25E-SFRA4-35	4	10	35	17	8	11.8	18	12	29
HSK25E-SFRA6-35	6	12	35	17	8	13.8	18	18	26
HSK32E-SFRA3-50-M22	3	7.5	50	22	8	9.8	20	9	42
HSK32E-SFRA3-70-M42	3	7.5	70	42	8	11.9	20	9	62
HSK32E-SFRA3-85-M42	3	7.5	85	42	23	11.9	25	9	69
HSK32E-SFRA4-50-M22	4	10	50	22	8	12.3	20	12	35
HSK32E-SFRA4-70-M42	4	10	70	42	8	14.4	20	12	54
HSK32E-SFRA4-85-M42	4	10	85	42	23	14.4	25	12	69
HSK32E-SFRA6-50-M22	6	12	50	22	8	14.3	26	18	39
HSK32E-SFRA6-70-M42	6	12	70	42	8	16.4	26	18	54
HSK32E-SFRA6-85-M42	6	12	85	42	23	16.4	25	18	69
HSK32E-SFRA8-50-M22	8	14	50	22	8	16.3	26	20	39
HSK32E-SFRA8-85-M42	8	14	85	42	23	18.4	25	24	49
HSK32E-SFRA10-55-M22	10	16	55	22	13	18.3	26	25	44
HSK32E-SFRA12-55-M22	12	20	55	22	13	22.3	26	25	44
HSK32E-SFRA16-55-M35	16	26	55	35	-	-	-	32	44

Термопатроны 3°, стандартные, форма А

A ↗	G	
≤0.003	G2.5	AD AD/B



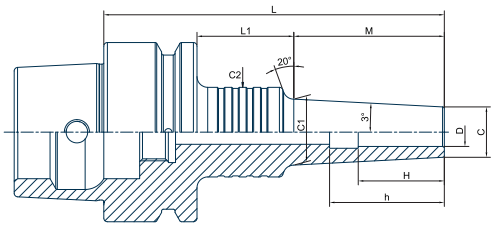


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK40E-SFRA3-50-M22	3	7.5	50	22	8	9.8	20	9	42
HSK40E-SFRA3-70-M42	3	7.5	70	42	8	11.9	20	9	62
HSK40E-SFRA3-85-M42	3	7.5	85	42	23	11.9	25	9	69
HSK40E-SFRA3-110-M67	3	7.5	110	67	23	14.5	25	9	94
HSK40E-SFRA4-50-M22	4	10	50	22	8	12.3	20	12	42
HSK40E-SFRA4-70-M42	4	10	70	42	8	14.4	20	12	62
HSK40E-SFRA4-85-M42	4	10	85	42	23	14.4	25	12	69
HSK40E-SFRA4-110-M67	4	10	110	67	23	17	25	12	94
HSK40E-SFRA6-50-M22	6	12	50	22	8	14.3	26	18	39
HSK40E-SFRA6-70-M42	6	12	70	42	8	16.4	26	18	54
HSK40E-SFRA6-85-M42	6	12	85	42	23	16.4	25	18	69
HSK40E-SFRA6-110-M67	6	12	110	67	23	19	25	18	94
HSK40E-SFRA8-50-M22	8	14	50	22	8	16.3	26	20	39
HSK40E-SFRA8-85-M42	8	14	85	42	23	18.4	25	24	69
HSK40E-SFRA8-100-M42	8	14	100	42	38	18.4	25	24	84
HSK40E-SFRA10-55-M22	10	16	55	22	13	18.3	26	25	44
HSK40E-SFRA10-85-M42	10	16	85	42	23	20.4	25	30	64
HSK40E-SFRA10-100-M42	10	16	100	42	38	20.4	25	30	64
HSK40E-SFRA12-55-M22	12	20	55	22	13	22.3	30	25	44
HSK40E-SFRA12-85-M42	12	20	85	42	23	24.4	32	30	74
HSK40E-SFRA16-55-M22	16	26	55	22	13	28.3	34	32	44
HSK40E-SFRA20-60-M40	20	32	60	40	-	34	-	38	49

Термопатроны 3°, стандартные, форма A

A ↗	G	
≤0.003	G2.5	AD AD/B



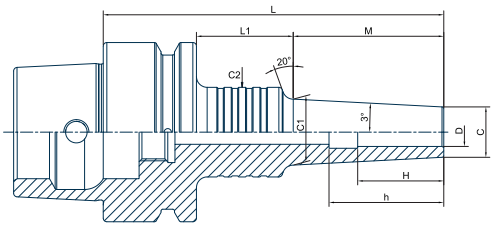


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK50E-SFRA3-75-M22	3	7.5	75	22	27	9.8	25	9	61
HSK50E-SFRA3-95-M42	3	7.5	95	42	27	11.9	25	9	81
HSK50E-SFRA3-120-M67	3	7.5	120	67	27	14.5	25	9	106
HSK50E-SFRA3-150-M97	3	7.5	150	97	27	17.7	25	9	136
HSK50E-SFRA4-75-M22	4	10	75	22	27	12.3	25	12	61
HSK50E-SFRA4-95-M42	4	10	95	42	27	14.4	25	12	81
HSK50E-SFRA4-120-M67	4	10	120	67	27	17	25	12	106
HSK50E-SFRA4-150-M97	4	10	150	97	27	20.2	25	12	135
HSK50E-SFRA6-60-M22	6	12	60	22	12	14.3	26	18	44
HSK50E-SFRA6-75-M22	6	12	75	22	27	14.3	25	18	61
HSK50E-SFRA6-95-M42	6	12	95	42	27	16.4	25	18	81
HSK50E-SFRA6-120-M67	6	12	120	67	27	19	25	18	106
HSK50E-SFRA8-60-M22	8	14	60	22	12	16.3	26	20	44
HSK50E-SFRA8-75-M22	8	14	75	22	27	16.3	25	24	61
HSK50E-SFRA8-95-M42	8	14	95	42	27	18.4	25	24	81
HSK50E-SFRA10-60-M22	10	16	60	22	12	18.3	26	25	44
HSK50E-SFRA10-75-M22	10	16	75	22	27	18.3	25	30	60
HSK50E-SFRA12-60-M22	12	20	60	22	12	22.3	26	25	44
HSK50E-SFRA12-75-M22	12	20	75	22	27	22.3	25	30	62
HSK50E-SFRA16-60-M22	16	26	60	22	12	28.3	34	32	44
HSK50E-SFRA20-65-M22	20	32	65	22	17	34.3	40	38	49

Термопатроны 3°, стандартные, форма A

A ↗	G	
≤0.003	G2.5	AD AD/B



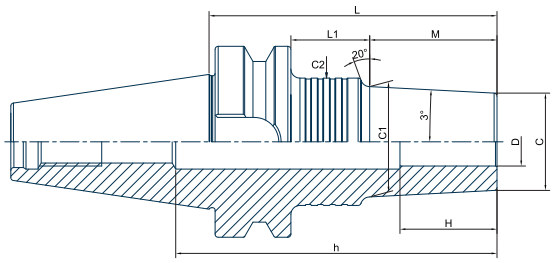


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK63F-SFRA3-70-M22	3	7.5	70	22	22	9.8	26	9	53
HSK63F-SFRA3-75-M22	3	7.5	75	22	27	9.8	25	9	54
HSK63F-SFRA3-95-M42	3	7.5	95	42	27	11.9	25	9	78
HSK63F-SFRA4-70-M22	4	10	70	22	22	12.3	26	12	53
HSK63F-SFRA4-75-M22	4	10	75	22	27	12.3	25	12	58
HSK63F-SFRA4-95-M42	4	10	95	42	27	14.4	25	12	73
HSK63F-SFRA6-70-M22	6	12	70	22	22	14.3	26	18	53
HSK63F-SFRA6-75-M22	6	12	75	22	27	14.3	25	18	58
HSK63F-SFRA6-95-M42	6	12	95	42	27	16.4	25	18	73
HSK63F-SFRA8-70-M22	8	14	70	22	22	16.3	26	24	53
HSK63F-SFRA8-75-M22	8	14	75	22	27	16.3	25	24	58
HSK63F-SFRA8-95-M42	8	14	95	42	27	18.4	25	24	78
HSK63F-SFRA10-70-M22	10	16	70	22	22	18.3	26	30	53
HSK63F-SFRA10-75-M22	10	16	75	22	27	18.3	25	30	54
HSK63F-SFRA12-70-M22	12	20	70	22	22	22.3	26	30	53
HSK63F-SFRA12-75-M22	12	20	75	22	27	22.3	25	30	54

Термопатроны 3°, стандартные, форма B

A ↗	G	
≤0.003	G2.5	AD AD/B



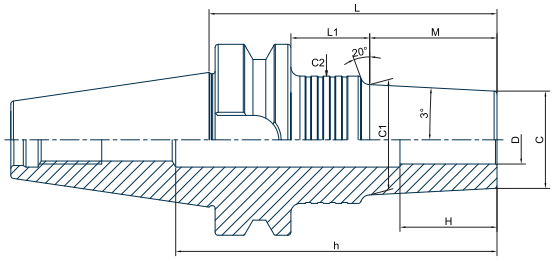


Обозначение	D	C	L	M	L1	C1	C2	H	h
BT40-SFRB6-75-M22	6	14	75	22	26	16.3	32	18	110
BT40-SFRB6-95-M42	6	14	95	42	26	18.4	32	18	130
BT40-SFRB6-105-M22	6	14	105	22	56	16.3	36	18	140
BT40-SFRB6-120-M67	6	14	120	67	26	21	32	18	155
BT40-SFRB6-125-M42	6	14	125	42	56	18.4	32	18	160
BT40-SFRB6-150-M67	6	14	150	67	56	21	32	18	185
BT40-SFRB8-75-M22	8	18	75	22	26	20.3	32	24	110
BT40-SFRB8-95-M42	8	18	95	42	26	22.4	36	24	130
BT40-SFRB8-105-M22	8	18	105	22	56	20.3	36	24	140
BT40-SFRB8-120-M67	8	18	120	67	26	25	36	24	155
BT40-SFRB8-125-M42	8	18	125	42	56	22.4	36	24	160
BT40-SFRB8-150-M67	8	18	150	67	56	25	36	24	185
BT40-SFRB10-75-M22	10	22	75	22	26	24.3	32	30	110
BT40-SFRB10-95-M42	10	22	95	42	26	26.4	32	30	130
BT40-SFRB10-105-M22	10	22	105	22	56	24.3	32	30	140
BT40-SFRB10-120-M67	10	22	120	67	26	29	36	30	155
BT40-SFRB10-125-M42	10	22	125	42	56	26.4	36	30	160
BT40-SFRB10-150-M67	10	22	150	67	56	29	36	30	185
BT40-SFRB12-75-M22	12	26	75	22	26	28.3	42	30	85
BT40-SFRB12-95-M42	12	26	95	42	26	30.4	50	30	105
BT40-SFRB12-105-M22	12	26	105	22	56	28.3	50	30	115
BT40-SFRB12-120-M67	12	26	120	67	26	33	50	30	130
BT40-SFRB12-125-M42	12	26	125	42	56	30.4	50	30	135
BT40-SFRB12-135-M22	12	26	135	22	86	28.3	50	30	145
BT40-SFRB12-150-M67	12	26	150	67	56	33	50	30	160
BT40-SFRB12-155-M42	12	26	155	42	86	30.4	50	30	165
BT40-SFRB12-180-M67	12	26	180	67	86	33	50	30	190

Термопатроны 3°, стандартные, форма B

A ↗	G	
≤0.003	G2.5	AD AD/B



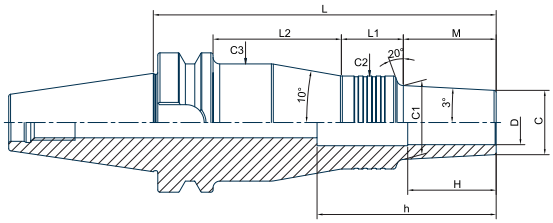


Обозначение	D	C	L	M	L1	C1	C2	H	h
BT40-SFRB16-75-M22	16	32	75	22	26	34.3	50	32	85
BT40-SFRB16-95-M42	16	32	95	42	26	36.4	42	32	105
BT40-SFRB16-105-M22	16	32	105	22	56	34.3	50	32	115
BT40-SFRB16-120-M67	16	32	120	67	26	39	50	32	130
BT40-SFRB16-125-M42	16	32	125	42	56	36.4	50	32	135
BT40-SFRB16-135-M22	16	32	135	22	86	34.3	50	32	145
BT40-SFRB16-150-M67	16	32	150	67	56	39	50	32	160
BT40-SFRB16-155-M42	16	32	155	42	86	36.4	50	32	165
BT40-SFRB16-180-M67	16	32	180	67	86	39	50	32	190
BT40-SFRB20-95-M42	20	38	95	42	26	42.4	50	40	105
BT40-SFRB20-120-M67	20	38	120	67	26	45	50	40	130
BT40-SFRB20-125-M42	20	38	125	42	56	42.4	50	40	135
BT40-SFRB20-150-M67	20	38	150	67	56	45	50	40	160
BT40-SFRB20-155-M42	20	38	155	42	86	42.4	50	40	165
BT40-SFRB20-180-M67	20	38	180	67	86	45	50	40	190

Термопатроны 3°, стандартные, форма B

A ↗	G	
≤0.003	G2.5	AD AD/B



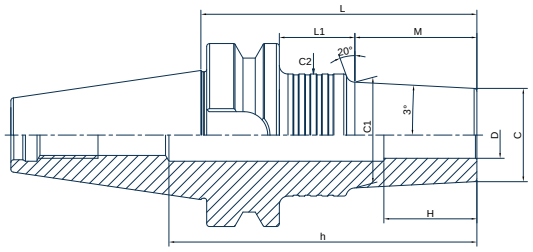


Обозначение	D	C	L	M	L1	L2	C1	C2	C3	H	h
BT40-SFRB6-135-M22	6	14	135	22	28	58	16.3	36	50	18	170
BT40-SFRB6-155-M42	6	14	155	42	28	58	18.4	36	50	18	190
BT40-SFRB6-180-M67	6	14	180	67	28	58	21	36	50	18	215
BT40-SFRB8-135-M22	8	18	135	22	30	56	20.3	32	46	24	170
BT40-SFRB8-155-M42	8	18	155	42	30	56	22.4	32	46	24	190
BT40-SFRB8-180-M67	8	18	180	67	28	58	25	36	50	24	215
BT40-SFRB10-135-M22	10	22	135	22	28	58	24.3	36	50	30	170
BT40-SFRB10-155-M42	10	22	155	42	28	58	26.4	36	50	30	190
BT40-SFRB10-180-M67	10	22	180	67	28	58	29	36	50	30	215

Термопатроны 3°, стандартные, форма B

A ↗	G	
≤0.003	G2.5	AD AD/B



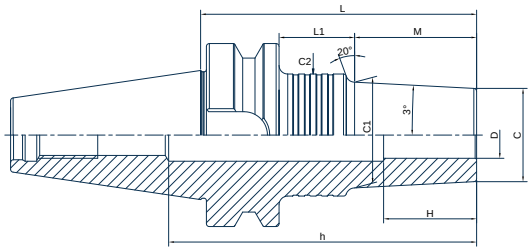


Обозначение	D	C	L	M	L1	C1	C2	H	h
BT50-SFRB6-90-M22	6	14	90	22	30	16.3	32	18	145
BT50-SFRB6-110-M42	6	14	110	42	30	18.4	32	18	165
BT50-SFRB6-120-M22	6	14	120	22	60	16.3	32	18	175
BT50-SFRB6-135-M67	6	14	135	67	30	21	36	18	190
BT50-SFRB6-140-M42	6	14	140	42	60	18.4	36	18	195
BT50-SFRB6-165-M67	6	14	165	67	60	21	32	18	220
BT50-SFRB8-90-M22	8	18	90	22	30	20.3	32	24	145
BT50-SFRB8-110-M42	8	18	110	42	30	22.4	32	24	165
BT50-SFRB8-120-M22	8	18	120	22	60	20.3	36	24	175
BT50-SFRB8-135-M67	8	18	135	67	30	25	36	24	190
BT50-SFRB8-140-M42	8	18	140	42	60	22.4	36	24	195
BT50-SFRB8-165-M67	8	18	165	67	60	25	36	24	220
BT50-SFRB10-90-M22	10	22	90	22	30	24.3	32	30	145
BT50-SFRB10-110-M42	10	22	110	42	30	26.4	32	30	165
BT50-SFRB10-120-M22	10	22	120	22	60	24.3	32	30	175
BT50-SFRB10-135-M67	10	22	135	67	30	29	42	30	190
BT50-SFRB10-140-M42	10	22	140	42	60	26.4	36	30	195
BT50-SFRB10-165-M67	10	22	165	67	60	29	42	30	220
BT50-SFRB12-90-M22	12	26	90	22	30	28.3	50	30	145
BT50-SFRB12-110-M42	12	26	110	42	30	30.4	42	30	165
BT50-SFRB12-120-M22	12	26	120	22	60	28.3	42	30	175
BT50-SFRB12-135-M67	12	26	135	67	30	33	42	30	190
BT50-SFRB12-140-M42	12	26	140	42	60	30.4	50	30	195
BT50-SFRB12-165-M67	12	26	165	67	60	33	42	30	220

Термопатроны 3°, стандартные, форма B

A ↗	G	
≤0.003	G2.5	AD AD/B



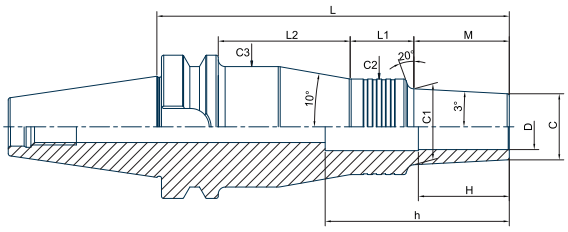


Обозначение	D	C	L	M	L1	C1	C2	H	h
BT50-SFRB16-90-M22	16	32	90	22	30	34.3	50	32	145
BT50-SFRB16-110-M42	16	32	110	42	30	36.4	50	32	165
BT50-SFRB16-120-M22	16	32	120	22	60	34.3	50	32	175
BT50-SFRB16-135-M67	16	32	135	67	30	39	42	32	190
BT50-SFRB16-140-M42	16	32	140	42	60	36.4	50	32	195
BT50-SFRB16-165-M67	16	32	165	67	60	39	50	32	220
BT50-SFRB16-195-M67	16	32	195	67	90	39	50	32	250
BT50-SFRB20-110-M42	20	38	110	42	30	42.4	53	40	165
BT50-SFRB20-135-M67	20	38	135	67	30	45	53	40	190
BT50-SFRB20-140-M42	20	38	140	42	60	42.4	50	40	195
BT50-SFRB20-165-M67	20	38	165	67	60	45	53	40	220
BT50-SFRB25-110-M42	25	45	110	42	30	49.4	53	45	165
BT50-SFRB25-140-M42	25	45	140	42	60	49.4	53	45	195
BT50-SFRB25-170-M42	25	45	170	42	90	49.4	50	45	225

Термопатроны 3°, стандартные, форма B

A ↗	G	
≤0.003	G2.5	AD AD/B



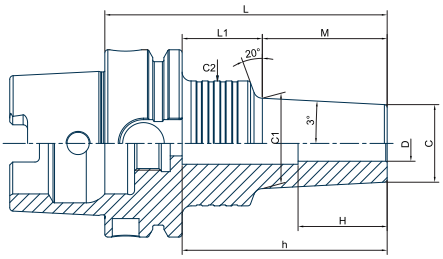


Обозначение	D	C	L	M	L1	L2	C1	C2	C3	H	h
BT50-SFRB6-150-M22	6	14	150	22	30	60	16.3	32	46	18	205
BT50-SFRB6-170-M42	6	14	170	42	28	62	18.4	36	50	18	225
BT50-SFRB6-195-M67	6	14	195	67	30	60	21	32	46	18	250
BT50-SFRB8-150-M22	8	18	150	22	30	60	20.3	32	46	24	205
BT50-SFRB8-170-M42	8	18	170	42	28	62	22.4	36	50	24	225
BT50-SFRB8-195-M67	8	18	195	67	30	60	25	32	46	24	250
BT50-SFRB10-150-M22	10	22	150	22	30	60	24.3	32	46	30	205
BT50-SFRB10-170-M42	10	22	170	42	28	62	26.4	36	50	30	225
BT50-SFRB10-195-M67	10	22	195	67	28	62	29	42	56	30	250
BT50-SFRB12-150-M22	12	26	150	22	28	62	28.3	42	56	30	205
BT50-SFRB12-170-M42	12	26	170	42	28	62	30.4	42	56	30	225
BT50-SFRB12-195-M67	12	26	195	67	28	62	33	42	56	30	250
BT50-SFRB16-150-M22	16	32	150	22	28	62	34.3	42	56	32	205
BT50-SFRB16-170-M42	16	32	170	42	28	62	36.4	42	56	32	225
BT50-SFRB20-170-M42	20	38	170	42	28	62	42.4	53	67	40	225
BT50-SFRB20-195-M67	20	38	195	67	28	62	45	53	67	40	250

Термопатроны 3°, стандартные, форма B

A ↗	G	
≤0.003	G2.5	AD AD/B



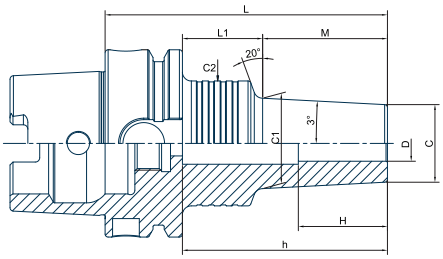


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK50A-SFRB6-75-M22	6	14	75	22	27	16.3	32	18	50
HSK50A-SFRB6-95-M42	6	14	95	42	27	18.4	32	18	70
HSK50A-SFRB6-125-M42	6	14	125	42	57	18.4	32	18	100
HSK50A-SFRB8-75-M22	8	18	75	22	27	20.3	36	24	49
HSK50A-SFRB8-95-M42	8	18	95	42	27	22.4	36	24	69
HSK50A-SFRB8-125-M42	8	18	125	42	57	22.4	32	24	100
HSK50A-SFRB10-75-M22	10	22	75	22	27	24.3	32	30	50
HSK50A-SFRB10-95-M42	10	22	95	42	27	26.4	32	30	70
HSK50A-SFRB10-125-M42	10	22	125	42	57	26.4	32	30	100
HSK50A-SFRB12-75-M42	12	26	75	22	27	28.3	49	30	51
HSK50A-SFRB12-95-M42	12	26	95	42	27	30.4	42	30	72
HSK50A-SFRB12-125-M42	12	26	125	42	57	30.4	42	30	98
HSK50A-SFRB16-75-M22	16	32	75	22	27	34.3	49	32	51
HSK50A-SFRB16-105-M22	16	32	105	22	57	34.3	42	32	78
HSK50A-SFRB20-75-M22	20	38	75	22	27	40.3	49	40	51
HSK50A-SFRB20-105-M22	20	38	105	22	57	40.3	49	40	76

Термопатроны 3°, стандартные, форма B

A ↗	G	
≤0.003	G2.5	AD AD/B



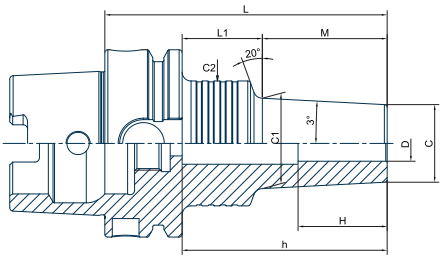


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK63A-SFRB6-75-M22	6	14	75	22	27	16.3	32	18	50
HSK63A-SFRB6-95-M42	6	14	95	42	27	18.4	32	18	70
HSK63A-SFRB6-105-M22	6	14	105	22	57	16.3	36	18	80
HSK63A-SFRB6-120-M67	6	14	120	67	27	21	36	18	95
HSK63A-SFRB6-125-M42	6	14	125	42	57	18.4	36	18	100
HSK63A-SFRB6-150-M67	6	14	150	67	57	21	32	18	125
HSK63A-SFRB8-75-M22	8	18	75	22	27	20.3	32	24	50
HSK63A-SFRB8-95-M42	8	18	95	42	27	22.4	32	24	70
HSK63A-SFRB8-105-M22	8	18	105	22	57	20.3	36	24	80
HSK63A-SFRB8-120-M67	8	18	120	67	27	25	32	24	95
HSK63A-SFRB8-125-M42	8	18	125	42	57	22.4	36	24	100
HSK63A-SFRB8-150-M67	8	18	150	67	57	25	36	24	125
HSK63A-SFRB10-75-M22	10	22	75	22	27	24.3	36	30	48
HSK63A-SFRB10-95-M42	10	22	95	42	27	26.4	32	30	68
HSK63A-SFRB10-105-M22	10	22	105	22	57	24.3	36	30	78
HSK63A-SFRB10-120-M67	10	22	120	67	27	29	36	30	93
HSK63A-SFRB10-125-M42	10	22	125	42	57	26.4	36	30	98
HSK63A-SFRB10-150-M67	10	22	150	67	57	29	36	30	123
HSK63A-SFRB12-75-M22	12	26	75	22	27	28.3	42	30	48
HSK63A-SFRB12-95-M42	12	26	95	42	27	30.4	42	30	68
HSK63A-SFRB12-105-M22	12	26	105	22	57	28.3	50	30	75
HSK63A-SFRB12-120-M67	12	26	120	67	27	33	50	30	93
HSK63A-SFRB12-125-M42	12	26	125	42	57	30.4	50	30	95
HSK63A-SFRB12-150-M67	12	26	150	67	57	33	50	30	120
HSK63A-SFRB12-155-M42	12	26	155	42	87	30.4	50	30	125
HSK63A-SFRB12-180-M67	12	26	180	67	87	33	50	30	150

Термопатроны 3°, стандартные, форма B

A ↗	G	
≤0.003	G2.5	AD AD/B



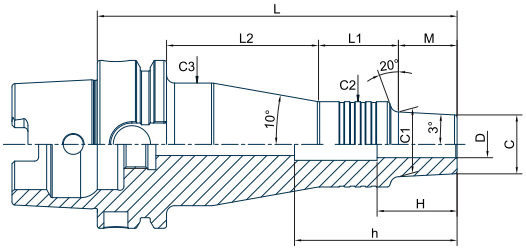


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK63A-SFRB16-75-M22	16	32	75	22	27	34.3	50	32	48
HSK63A-SFRB16-95-M42	16	32	95	42	27	36.4	50	32	68
HSK63A-SFRB16-105-M22	16	32	105	22	57	34.3	50	32	75
HSK63A-SFRB16-120-M67	16	32	120	67	27	39	50	32	93
HSK63A-SFRB16-125-M42	16	32	125	42	57	36.4	42	32	95
HSK63A-SFRB16-135-M22	16	32	135	22	87	34.3	50	32	105
HSK63A-SFRB16-150-M67	16	32	150	67	57	39	42	32	120
HSK63A-SFRB16-155-M42	16	32	155	42	87	36.4	50	32	125
HSK63A-SFRB16-180-M67	16	32	180	67	87	39	50	32	150
HSK63A-SFRB20-95-M42	20	38	95	42	27	42.4	53	40	68
HSK63A-SFRB20-120-M67	20	38	120	67	27	45	50	40	93
HSK63A-SFRB20-125-M42	20	38	125	42	57	42.4	50	40	95
HSK63A-SFRB20-150-M67	20	38	150	67	57	45	50	40	120
HSK63A-SFRB20-155-M42	20	38	155	42	87	42.4	50	40	125
HSK63A-SFRB20-180-M67	20	38	180	67	87	45	50	40	150
HSK63A-SFRB25-95-M42	25	45	95	42	27	49.4	53	45	68
HSK63A-SFRB25-125-M42	25	45	125	42	57	49.4	53	45	95
HSK63A-SFRB25-155-M42	25	45	155	42	87	49.4	50	45	125

Термопатроны 3°, стандартные, форма B

A ↗	G	
≤0.003	G2.5	AD AD/B



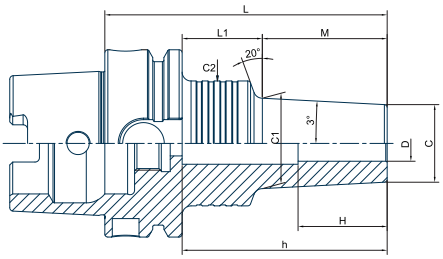


Обозначение	D	C	L	M	L1	L2	C1	C2	C3	H	h
HSK63A-SFRB6-135-M22	6	14	135	22	28	59	16.3	36	50	18	110
HSK63A-SFRB6-155-M42	6	14	155	42	30	57	18.4	32	46	18	130
HSK63A-SFRB6-180-M67	6	14	180	67	30	57	21	32	46	18	155
HSK63A-SFRB8-135-M22	8	18	135	22	30	57	20.3	32	46	24	110
HSK63A-SFRB8-155-M42	8	18	155	42	30	57	22.4	32	46	24	130
HSK63A-SFRB8-180-M67	8	18	180	67	30	57	25	32	46	24	155
HSK63A-SFRB10-135-M22	10	22	135	22	30	57	24.3	32	46	30	108
HSK63A-SFRB10-155-M42	10	22	155	42	28	59	26.4	36	50	30	128
HSK63A-SFRB10-180-M67	10	22	180	67	28	59	29	42	53	30	153
HSK63A-SFRB12-135-M22	12	26	135	22	28	59	28.3	42	53	30	105

Термопатроны 3°, стандартные, форма B

A ↗	G	
≤0.003	G2.5	AD AD/B



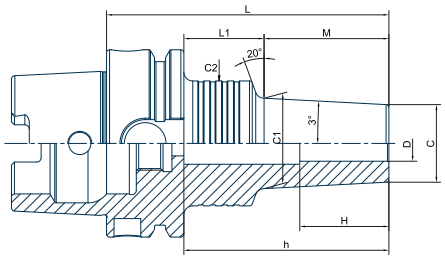


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK100A-SFRB6-90-M22	6	14	90	22	39	16.3	32	18	60
HSK100A-SFRB6-110-M42	6	14	110	42	39	18.4	32	18	80
HSK100A-SFRB6-120-M22	6	14	120	22	69	16.3	36	18	90
HSK100A-SFRB6-135-M67	6	14	135	67	39	21	32	18	105
HSK100A-SFRB6-140-M42	6	14	140	42	69	18.4	32	18	110
HSK100A-SFRB6-165-M67	6	14	165	67	69	21	36	18	135
HSK100A-SFRB8-90-M22	8	18	90	22	39	20.3	32	24	60
HSK100A-SFRB8-110-M42	8	18	110	42	39	22.4	36	24	80
HSK100A-SFRB8-120-M22	8	18	120	22	69	20.3	32	24	90
HSK100A-SFRB8-135-M67	8	18	135	67	39	25	32	24	105
HSK100A-SFRB8-140-M42	8	18	140	42	69	22.4	32	24	110
HSK100A-SFRB8-165-M67	8	18	165	67	69	25	36	24	135
HSK100A-SFRB10-90-M22	10	22	90	22	39	24.3	36	30	60
HSK100A-SFRB10-110-M42	10	22	110	42	39	26.4	36	30	80
HSK100A-SFRB10-120-M22	10	22	120	22	69	24.3	36	30	90
HSK100A-SFRB10-135-M67	10	22	135	67	39	29	42	30	105
HSK100A-SFRB10-140-M42	10	22	140	42	69	26.4	32	30	110
HSK100A-SFRB10-165-M67	10	22	165	67	69	29	36	30	135
HSK100A-SFRB12-90-M22	12	26	90	22	39	28.3	50	30	55
HSK100A-SFRB12-110-M42	12	26	110	42	39	30.4	42	30	75
HSK100A-SFRB12-120-M22	12	26	120	22	69	28.3	42	30	85
HSK100A-SFRB12-135-M67	12	26	135	67	39	33	50	30	100
HSK100A-SFRB12-140-M42	12	26	140	42	69	30.4	42	30	105
HSK100A-SFRB12-150-M22	12	26	150	22	99	28.3	50	30	115
HSK100A-SFRB12-165-M67	12	26	165	67	69	33	42	30	130
HSK100A-SFRB12-170-M42	12	26	170	42	99	30.4	50	30	135
HSK100A-SFRB12-195-M67	12	26	195	67	99	33	50	30	165

Термопатроны 3°, стандартные, форма B

A ↗	G	
≤0.003	G2.5	AD AD/B



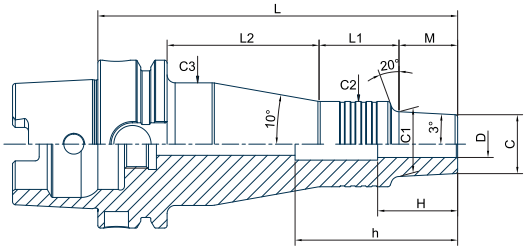


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK100A-SFRB16-90-M22	16	32	90	22	39	34.3	42	32	55
HSK100A-SFRB16-110-M42	16	32	110	42	39	36.4	42	32	75
HSK100A-SFRB16-120-M22	16	32	120	22	69	34.3	42	32	85
HSK100A-SFRB16-135-M67	16	32	135	67	39	39	50	32	100
HSK100A-SFRB16-140-M42	16	32	140	42	69	36.4	50	32	105
HSK100A-SFRB16-150-M22	16	32	150	22	99	34.3	50	32	115
HSK100A-SFRB16-165-M67	16	32	165	67	69	39	42	32	130
HSK100A-SFRB16-170-M42	16	32	170	42	99	36.4	50	32	135
HSK100A-SFRB16-195-M67	16	32	195	67	99	39	50	32	160
HSK100A-SFRB20-110-M42	20	38	110	42	39	42.4	53	40	75
HSK100A-SFRB20-135-M67	20	38	135	67	39	45	53	40	100
HSK100A-SFRB20-140-M42	20	38	140	42	69	42.4	53	40	105
HSK100A-SFRB20-165-M67	20	38	165	67	69	45	53	40	130
HSK100A-SFRB20-170-M42	20	38	170	42	99	42.4	50	40	135
HSK100A-SFRB25-110-M42	25	45	110	42	39	49.4	50	45	75
HSK100A-SFRB25-140-M42	25	45	140	42	69	49.4	50	45	105

Термопатроны 3°, стандартные, форма B

A ↗	G	
≤0.003	G2.5	AD AD/B



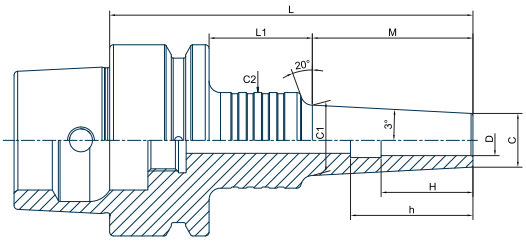


Обозначение	D	C	L	M	L1	L2	C1	C2	C3	H	h
HSK100A-SFRB6-150-M22	6	14	150	22	30	69	16.3	32	46	18	120
HSK100A-SFRB6-170-M42	6	14	170	42	28	71	18.4	36	50	18	140
HSK100A-SFRB6-195-M67	6	14	195	67	28	71	21	36	50	18	165
HSK100A-SFRB8-150-M22	8	18	150	22	30	69	20.3	32	46	24	120
HSK100A-SFRB8-170-M42	8	18	170	42	28	71	22.4	36	50	24	140
HSK100A-SFRB8-195-M67	8	18	195	67	28	71	25	36	50	24	165
HSK100A-SFRB10-150-M22	10	22	150	22	28	71	24.3	36	50	30	120
HSK100A-SFRB10-170-M42	10	22	170	42	28	71	26.4	36	50	30	140
HSK100A-SFRB10-195-M67	10	22	195	67	28	71	29	36	50	30	165
HSK100A-SFRB20-195-M67	20	38	195	67	28	71	45	53	67	40	160
HSK100A-SFRB25-170-M42	25	45	170	42	28	71	49.4	53	67	45	135

Термопатроны 3°, стандартные, форма B

A ↗	G	
≤0.003	G2.5	AD AD/B



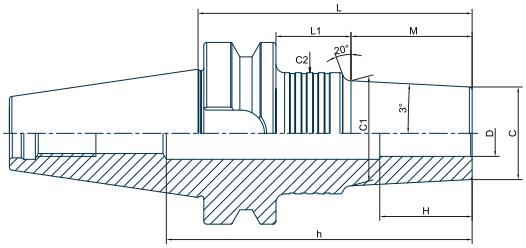


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK50E-SFRB6-95-M42	6	14	95	42	27	18.4	32	18	80
HSK50E-SFRB8-95-M42	8	18	95	42	27	22.4	32	24	77
HSK50E-SFRB8-120-M67	8	18	120	67	27	25	32	24	105
HSK50E-SFRB10-95-M42	10	22	95	42	27	26.4	32	30	64
HSK50E-SFRB10-120-M67	10	22	120	67	27	29	42	30	107
HSK50E-SFRB12-95-M42	12	26	95	42	27	30.4	42	30	82
HSK50E-SFRB12-120-M67	12	26	120	67	27	33	42	30	64
HSK50E-SFRB16-75-M22	16	32	75	22	27	34.3	42	32	62

Термопатроны 3°, стандартные, с охлаждением

A ↗	G	
≤0.003	G2.5	AD AD/B



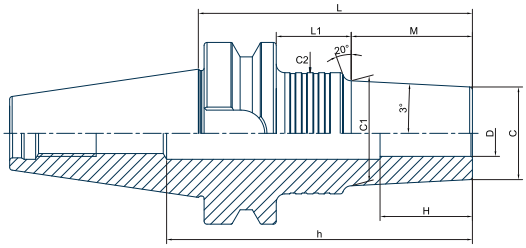


Обозначение	D	C	L	M	L1	C1	C2	H	h
BT40-SFFB3-75-M22	3	9.5	75	22	26	11.8	25	9	110
BT40-SFFB3-95-M42	3	9.5	95	42	26	13.9	26	9	130
BT40-SFFB3-105-M22	3	9.5	105	22	56	11.8	26	9	140
BT40-SFFB3-120-M67	3	9.5	120	67	26	16.5	26	9	155
BT40-SFFB3-125-M42	3	9.5	125	42	56	13.9	25	9	160
BT40-SFFB3-150-M67	3	9.5	150	67	56	16.5	26	9	185
BT40-SFFB4-75-M22	4	12	75	22	26	14.3	26	12	110
BT40-SFFB4-95-M42	4	12	95	42	26	16.4	25	12	130
BT40-SFFB4-105-M22	4	12	105	22	56	14.3	25	12	140
BT40-SFFB4-120-M67	4	12	120	67	26	19	25	12	155
BT40-SFFB4-125-M42	4	12	125	42	56	16.4	26	12	160
BT40-SFFB4-150-M67	4	12	150	67	56	19	26	12	185
BT40-SFFB6-75-M22	6	14	75	22	26	16.3	32	18	110
BT40-SFFB6-95-M42	6	14	95	42	26	18.4	32	18	130
BT40-SFFB6-105-M22	6	14	105	22	56	16.3	32	18	140
BT40-SFFB6-120-M67	6	14	120	67	26	21	36	18	155
BT40-SFFB6-125-M42	6	14	125	42	56	18.4	32	18	160
BT40-SFFB6-150-M67	6	14	150	67	56	21	32	18	185
BT40-SFFB8-75-M22	8	18	75	22	26	20.3	36	24	110
BT40-SFFB8-95-M42	8	18	95	42	26	22.4	32	24	130
BT40-SFFB8-105-M22	8	18	105	22	56	20.3	36	24	140
BT40-SFFB8-120-M67	8	18	120	67	26	25	32	24	155
BT40-SFFB8-125-M42	8	18	125	42	56	22.4	36	24	160
BT40-SFFB8-150-M67	8	18	150	67	56	25	32	24	185
BT40-SFFB10-75-M22	10	22	75	22	26	24.3	32	30	110
BT40-SFFB10-95-M42	10	22	95	42	26	26.4	32	30	130
BT40-SFFB10-105-M22	10	22	105	22	56	24.3	32	30	140
BT40-SFFB10-120-M67	10	22	120	67	26	29	36	30	155
BT40-SFFB10-125-M42	10	22	125	42	56	26.4	36	30	160
BT40-SFFB10-150-M67	10	22	150	67	56	29	42	30	185

Термопатроны 3°, стандартные, с охлаждением

A ↗	G	
≤0.003	G2.5	AD AD/B



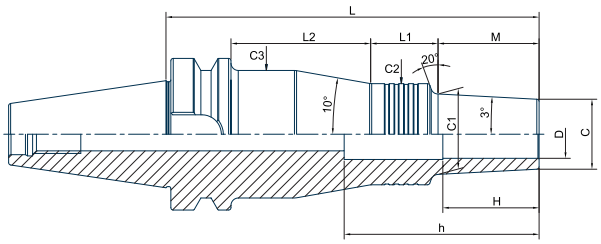


Обозначение	D	C	L	M	L1	C1	C2	H	h
BT40-SFFB12-75-M22	12	26	75	22	26	28.3	50	30	85
BT40-SFFB12-95-M42	12	26	95	42	26	30.4	42	30	105
BT40-SFFB12-105-M22	12	26	105	22	56	28.3	42	30	115
BT40-SFFB12-120-M67	12	26	120	67	26	33	50	30	130
BT40-SFFB12-125-M42	12	26	125	42	56	30.4	50	30	135
BT40-SFFB12-150-M67	12	26	150	67	56	33	50	30	160
BT40-SFFB12-155-M42	12	26	155	42	86	30.4	50	30	165
BT40-SFFB12-180-M67	12	26	180	67	86	33	50	30	190
BT40-SFFB16-75-M22	16	32	75	22	26	34.3	50	32	85
BT40-SFFB16-95-M42	16	32	95	42	26	36.4	50	32	105
BT40-SFFB16-105-M22	16	32	105	22	56	34.3	50	32	115
BT40-SFFB16-120-M67	16	32	120	67	26	39	50	32	130
BT40-SFFB16-125-M42	16	32	125	42	56	36.4	50	32	135
BT40-SFFB16-135-M22	16	32	135	22	86	34.3	50	32	145
BT40-SFFB16-150-M67	16	32	150	67	56	39	50	32	160
BT40-SFFB16-155-M42	16	32	155	42	86	36.4	50	32	165
BT40-SFFB16-180-M67	16	32	180	67	86	39	50	32	190
BT40-SFFB20-95-M42	20	38	95	42	26	42.4	50	40	105
BT40-SFFB20-120-M67	20	38	120	67	26	45	50	40	130
BT40-SFFB20-125-M42	20	38	125	42	56	42.4	50	40	135
BT40-SFFB20-150-M67	20	38	150	67	56	45	50	40	160
BT40-SFFB20-155-M42	20	38	155	42	86	42.4	50	40	165
BT40-SFFB20-180-M67	20	38	180	67	86	45	50	40	190
BT40-SFFB25-95-M42	25	45	95	42	26	49.4	50	45	105
BT40-SFFB25-125-M42	25	45	125	42	56	49.4	53	45	135
BT40-SFFB25-155-M42	25	45	155	42	86	49.4	53	45	165

Термопатроны 3°, стандартные, с охлаждением

A ↗	G	
≤0.003	G2.5	AD AD/B



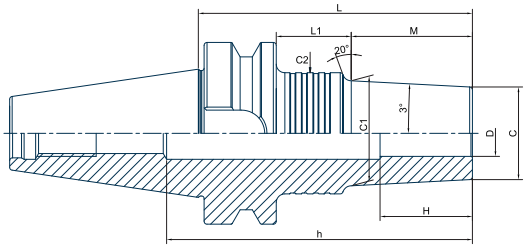


Обозначение	D	C	L	M	L1	L2	C1	C2	C3	H	h
BT40-SFFB3-135-M22	3	9.5	135	22	33	53	11.8	25	39	9	170
BT40-SFFB3-155-M42	3	9.5	155	42	33	53	13.9	25	39	9	190
BT40-SFFB3-180-M67	3	9.5	180	67	33	53	16.5	26	40	9	215
BT40-SFFB4-135-M22	4	12	135	22	33	53	14.3	26	40	12	170
BT40-SFFB4-155-M42	4	12	155	42	33	53	16.4	26	40	12	190
BT40-SFFB4-180-M67	4	12	180	67	33	53	19	26	40	12	215
BT40-SFFB6-135-M22	6	14	135	22	30	56	16.3	32	46	18	170
BT40-SFFB6-155-M42	6	14	155	42	30	56	18.4	32	46	18	190
BT40-SFFB6-180-M67	6	14	180	67	28	58	21	36	50	18	215
BT40-SFFB8-135-M22	8	18	135	22	30	56	20.3	32	46	24	170
BT40-SFFB8-155-M42	8	18	155	42	30	56	22.4	32	46	24	190
BT40-SFFB8-180-M67	8	18	180	67	28	58	25	36	50	24	215
BT40-SFFB10-135-M22	10	22	135	22	30	56	24.3	32	46	30	170
BT40-SFFB10-155-M42	10	22	155	42	28	58	26.4	36	50	30	190
BT40-SFFB10-180-M67	10	22	180	67	28	58	29	36	50	30	215
BT40-SFFB12-135-M22	12	26	135	22	28	58	28.3	42	53	30	145

Термопатроны 3°, стандартные, с охлаждением

A ↗	G	
≤0.003	G2.5	AD AD/B



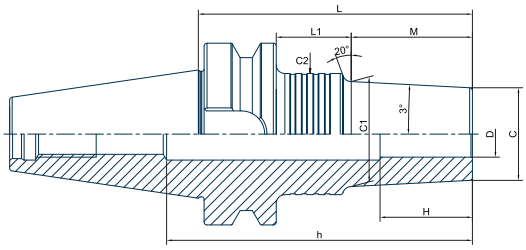


Обозначение	D	C	L	M	L1	C1	C2	H	h
BT50-SFFB3-90-M22	3	9.5	90	22	30	11.8	26	9	145
BT50-SFFB3-110-M42	3	9.5	110	42	30	13.9	26	9	165
BT50-SFFB3-120-M22	3	9.5	120	22	60	11.8	26	9	175
BT50-SFFB3-135-M67	3	9.5	135	67	30	16.5	26	9	190
BT50-SFFB3-140-M42	3	9.5	140	42	60	13.9	25	9	195
BT50-SFFB3-165-M67	3	9.5	165	67	60	16.5	26	9	220
BT50-SFFB4-90-M22	4	12	90	22	30	14.3	26	12	145
BT50-SFFB4-110-M42	4	12	110	42	30	16.4	26	12	165
BT50-SFFB4-120-M22	4	12	120	22	60	14.3	25	12	175
BT50-SFFB4-135-M67	4	12	135	67	30	19	26	12	190
BT50-SFFB4-140-M42	4	12	140	42	60	16.4	26	12	195
BT50-SFFB4-165-M67	4	12	165	67	60	19	26	12	220
BT50-SFFB6-90-M22	6	14	90	22	30	16.3	36	18	145
BT50-SFFB6-110-M42	6	14	110	42	30	18.4	36	18	165
BT50-SFFB6-120-M22	6	14	120	22	60	16.3	32	18	175
BT50-SFFB6-135-M67	6	14	135	67	30	21	32	18	190
BT50-SFFB6-140-M42	6	14	140	42	60	18.4	32	18	195
BT50-SFFB6-165-M67	6	14	165	67	60	21	36	18	220
BT50-SFFB8-90-M22	8	18	90	22	30	20.3	36	24	145
BT50-SFFB8-110-M42	8	18	110	42	30	22.4	36	24	165
BT50-SFFB8-120-M22	8	18	120	22	60	20.3	32	24	175
BT50-SFFB8-135-M67	8	18	135	67	30	25	32	24	190
BT50-SFFB8-140-M42	8	18	140	42	60	22.4	32	24	195
BT50-SFFB8-165-M67	8	18	165	67	60	25	32	24	220
BT50-SFFB10-90-M22	10	22	90	22	30	24.3	36	30	145
BT50-SFFB10-110-M42	10	22	110	42	30	26.4	36	30	165
BT50-SFFB10-120-M22	10	22	120	22	60	24.3	32	30	175
BT50-SFFB10-135-M67	10	22	135	67	30	29	36	30	190
BT50-SFFB10-140-M42	10	22	140	42	60	26.4	36	30	195
BT50-SFFB10-165-M67	10	22	165	67	60	29	36	30	220

Термопатроны 3°, стандартные, с охлаждением

A ↗	G	
≤0.003	G2.5	AD AD/B



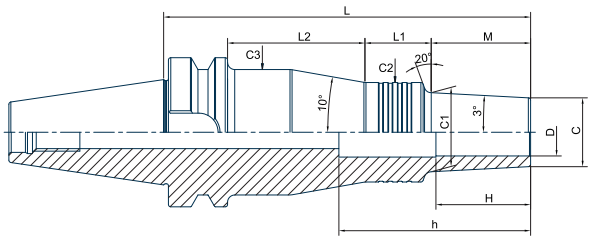


Обозначение	D	C	L	M	L1	C1	C2	H	h
BT50-SFFB12-90-M22	12	26	90	22	30	28.3	50	30	145
BT50-SFFB12-110-M42	12	26	110	42	30	30.4	50	30	165
BT50-SFFB12-120-M22	12	26	120	22	60	28.3	42	30	175
BT50-SFFB12-135-M67	12	26	135	67	30	33	50	30	190
BT50-SFFB12-140-M42	12	26	140	42	60	30.4	50	30	195
BT50-SFFB12-165-M67	12	26	165	67	60	33	42	30	220
BT50-SFFB16-90-M22	16	32	90	22	30	34.3	42	32	145
BT50-SFFB16-110-M42	16	32	110	42	30	36.4	50	32	165
BT50-SFFB16-120-M22	16	32	120	22	60	34.3	42	32	175
BT50-SFFB16-135-M67	16	32	135	67	30	39	42	32	190
BT50-SFFB16-140-M42	16	32	140	42	60	36.4	42	32	195
BT50-SFFB16-165-M67	16	32	165	67	60	39	42	32	220
BT50-SFFB16-170-M42	16	32	170	42	90	36.4	50	32	225
BT50-SFFB20-110-M42	20	38	110	42	30	42.4	50	40	165
BT50-SFFB20-135-M67	20	38	135	67	30	45	53	40	190
BT50-SFFB20-140-M42	20	38	140	42	60	42.4	50	40	195
BT50-SFFB20-165-M67	20	38	165	67	60	45	50	40	220
BT50-SFFB20-195-M67	20	38	195	67	90	45	50	40	250
BT50-SFFB25-110-M42	25	45	110	42	30	49.4	50	45	165
BT50-SFFB25-140-M42	25	45	140	42	60	49.4	53	45	195

Термопатроны 3°, стандартные, с охлаждением

A ↗	G	
≤0.003	G2.5	AD AD/B



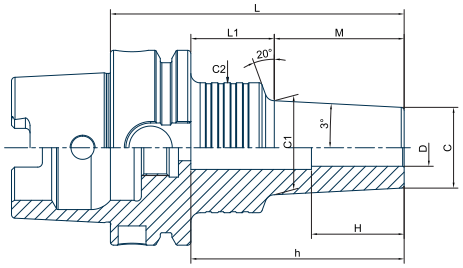


Обозначение	D	C	L	M	L1	L2	C1	C2	C3	H	h
BT50-SFFB3-150-M22	3	9.5	150	22	33	57	11.8	25	39	9	205
BT50-SFFB3-170-M42	3	9.5	170	42	33	57	13.9	25	39	9	225
BT50-SFFB3-195-M67	3	9.5	195	67	33	57	16.5	25	39	9	250
BT50-SFFB4-150-M22	4	12	150	22	33	57	14.3	25	39	12	205
BT50-SFFB4-170-M42	4	12	170	42	33	57	16.4	26	40	12	225
BT50-SFFB4-195-M67	4	12	195	67	33	57	19	26	40	12	250
BT50-SFFB6-150-M22	6	14	150	22	30	60	16.3	32	46	18	205
BT50-SFFB6-170-M42	6	14	170	42	30	60	18.4	32	46	18	225
BT50-SFFB6-195-M67	6	14	195	67	28	62	21	36	50	18	250
BT50-SFFB8-150-M22	8	18	150	22	30	60	20.3	32	46	24	205
BT50-SFFB8-170-M42	8	18	170	42	28	62	22.4	36	50	24	225
BT50-SFFB8-195-M67	8	18	195	67	30	60	25	32	46	24	250
BT50-SFFB10-150-M22	10	22	150	22	30	60	24.3	32	46	30	205
BT50-SFFB10-170-M42	10	22	170	42	28	62	26.4	36	50	30	225
BT50-SFFB10-195-M67	10	22	195	67	28	62	29	36	50	30	250
BT50-SFFB12-150-M22	12	26	150	22	28	62	28.3	42	56	30	205
BT50-SFFB12-170-M42	12	26	170	42	28	62	30.4	42	56	30	225
BT50-SFFB12-195-M67	12	26	195	67	28	62	33	42	56	30	250
BT50-SFFB16-150-M22	16	32	150	22	28	62	34.3	42	56	32	205
BT50-SFFB16-195-M67	16	32	195	67	28	62	39	42	56	32	250
BT50-SFFB20-170-M42	20	38	170	42	28	62	42.4	53	67	40	225
BT50-SFFB25-170-M42	25	45	170	42	28	62	49.4	53	67	45	195

Термопатроны 3°, стандартные, с охлаждением

A ↗	G	
≤0.003	G2.5	AD AD/B



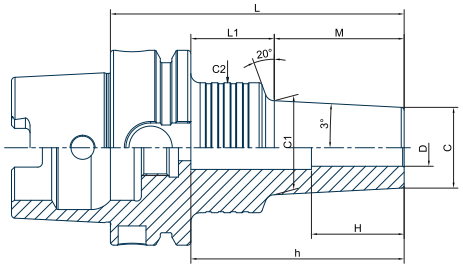


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK40A-SFFB3-65-M22	3	9.5	65	22	23	11.8	25	9	44
HSK40A-SFFB3-85-M42	3	9.5	85	42	23	13.9	25	9	64
HSK40A-SFFB4-65-M22	4	12	65	22	23	14.3	25	12	44
HSK40A-SFFB4-85-M42	4	12	85	42	23	16.4	25	12	64
HSK40A-SFFB6-70-M22	6	14	70	22	28	16.3	32	18	48
HSK40A-SFFB6-90-M42	6	14	90	42	28	18.4	32	18	68
HSK40A-SFFB8-70-M22	8	18	70	22	28	20.3	32	24	48
HSK40A-SFFB8-90-M42	8	18	90	42	28	22.4	32	24	68
HSK40A-SFFB10-70-M22	10	22	70	22	28	24.3	32	30	48
HSK40A-SFFB10-90-M42	10	22	90	42	28	26.4	32	30	68
HSK40A-SFFB12-70-M22	12	26	70	22	28	28.3	32	30	48

Термопатроны 3°, стандартные, с охлаждением

A ↗	G	
≤0.003	G2.5	AD AD/B



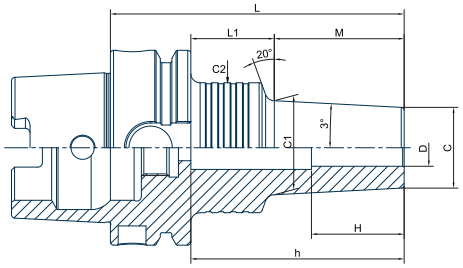


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK63A-SFFB3-75-M22	3	9.5	75	22	27	11.8	26	9	50
HSK63A-SFFB3-95-M42	3	9.5	95	42	27	13.9	26	9	70
HSK63A-SFFB3-105-M22	3	9.5	105	22	57	11.8	26	9	80
HSK63A-SFFB3-120-M67	3	9.5	120	67	27	16.5	26	9	95
HSK63A-SFFB3-125-M42	3	9.5	125	42	57	13.9	26	9	100
HSK63A-SFFB3-150-M67	3	9.5	150	67	57	16.5	26	9	125
HSK63A-SFFB4-75-M22	4	12	75	22	27	14.3	25	12	50
HSK63A-SFFB4-95-M42	4	12	95	42	27	16.4	25	12	70
HSK63A-SFFB4-105-M22	4	12	105	22	57	14.3	26	12	80
HSK63A-SFFB4-120-M67	4	12	120	67	27	19	26	12	95
HSK63A-SFFB4-125-M42	4	12	125	42	57	16.4	26	12	100
HSK63A-SFFB4-150-M67	4	12	150	67	57	19	26	12	125
HSK63A-SFFB6-75-M22	6	14	75	22	27	16.3	32	18	50
HSK63A-SFFB6-95-M42	6	14	95	42	27	18.4	32	18	70
HSK63A-SFFB6-105-M22	6	14	105	22	57	16.3	36	18	80
HSK63A-SFFB6-120-M67	6	14	120	67	27	21	36	18	95
HSK63A-SFFB6-125-M42	6	14	125	42	57	18.4	36	18	100
HSK63A-SFFB6-150-M67	6	14	150	67	57	21	32	18	125
HSK63A-SFFB8-75-M22	8	18	75	22	27	20.3	36	24	50
HSK63A-SFFB8-95-M42	8	18	95	42	27	22.4	32	24	70
HSK63A-SFFB8-105-M22	8	18	105	22	57	20.3	36	24	80
HSK63A-SFFB8-120-M67	8	18	120	67	27	25	36	24	95
HSK63A-SFFB8-125-M42	8	18	125	42	57	22.4	36	24	100
HSK63A-SFFB8-150-M67	8	18	150	67	57	25	32	24	125
HSK63A-SFFB10-75-M22	10	22	75	22	27	24.3	36	30	48
HSK63A-SFFB10-95-M42	10	22	95	42	27	26.4	36	30	68
HSK63A-SFFB10-105-M22	10	22	105	22	57	24.3	36	30	78
HSK63A-SFFB10-120-M67	10	22	120	67	27	29	36	30	93
HSK63A-SFFB10-125-M42	10	22	125	42	57	26.4	36	30	98
HSK63A-SFFB10-150-M67	10	22	150	67	57	29	36	30	123

Термопатроны 3°, стандартные, с охлаждением

A ↗	G	
≤0.003	G2.5	AD AD/B



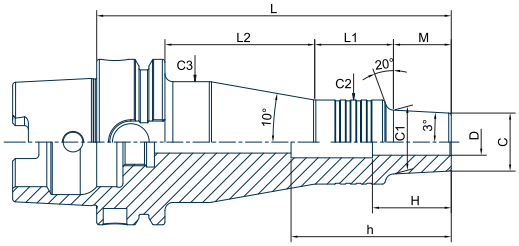


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK63A-SFFB12-75-M22	12	26	75	22	27	28.3	50	30	48
HSK63A-SFFB12-95-M42	12	26	95	42	27	30.4	50	30	68
HSK63A-SFFB12-105-M22	12	26	105	22	57	28.3	42	30	75
HSK63A-SFFB12-120-M67	12	26	120	67	27	33	50	30	93
HSK63A-SFFB12-125-M42	12	26	125	42	57	30.4	50	30	95
HSK63A-SFFB12-150-M67	12	26	150	67	57	33	50	30	120
HSK63A-SFFB12-155-M42	12	26	155	42	87	30.4	50	30	125
HSK63A-SFFB16-75-M22	16	32	75	22	27	34.3	42	32	48
HSK63A-SFFB16-95-M42	16	32	95	42	27	36.4	50	32	68
HSK63A-SFFB16-105-M22	16	32	105	22	57	34.3	50	32	75
HSK63A-SFFB16-120-M67	16	32	120	67	27	39	50	32	93
HSK63A-SFFB16-125-M42	16	32	125	42	57	36.4	50	32	95
HSK63A-SFFB16-135-M22	16	32	135	22	87	34.3	50	32	105
HSK63A-SFFB16-150-M67	16	32	150	67	57	39	50	32	120
HSK63A-SFFB16-155-M42	16	32	155	42	87	36.4	50	32	125
HSK63A-SFFB20-95-M42	20	38	95	42	27	42.4	50	40	68
HSK63A-SFFB20-120-M67	20	38	120	67	27	45	50	40	93
HSK63A-SFFB20-125-M42	20	38	125	42	57	42.4	50	40	95
HSK63A-SFFB20-150-M67	20	38	150	67	57	45	50	40	120
HSK63A-SFFB20-155-M42	20	38	155	42	87	42.4	50	40	125
HSK63A-SFFB20-180-M67	20	38	180	67	87	45	50	40	150
HSK63A-SFFB25-95-M42	25	45	95	42	27	49.4	50	45	68
HSK63A-SFFB25-125-M42	25	45	125	42	57	49.4	53	45	95
HSK63A-SFFB25-155-M42	25	45	155	42	87	49.4	53	45	125

Термопатроны 3°, стандартные, с охлаждением

A ↗	G	
≤0.003	G2.5	AD AD/B



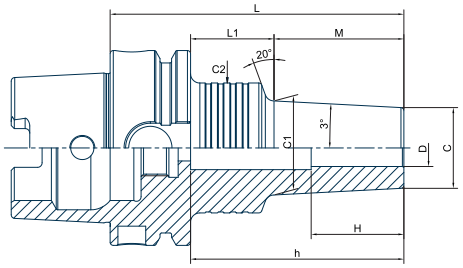


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK63A-SFFB3-135-M22	3	9.5	135	22	33	11.8	26	9	110
HSK63A-SFFB3-155-M42	3	9.5	155	42	33	13.9	25	9	130
HSK63A-SFFB3-180-M67	3	9.5	180	67	33	16.5	26	9	155
HSK63A-SFFB4-135-M22	4	12	135	22	33	14.3	26	12	110
HSK63A-SFFB4-155-M42	4	12	155	42	33	16.4	26	12	130
HSK63A-SFFB4-180-M67	4	12	180	67	33	19	26	12	155
HSK63A-SFFB6-135-M22	6	14	135	22	28	16.3	36	18	110
HSK63A-SFFB6-155-M42	6	14	155	42	30	18.4	32	18	130
HSK63A-SFFB6-180-M67	6	14	180	67	30	21	32	18	155
HSK63A-SFFB8-135-M22	8	18	135	22	30	20.3	32	24	110
HSK63A-SFFB8-155-M42	8	18	155	42	30	22.4	32	24	130
HSK63A-SFFB8-180-M67	8	18	180	67	30	25	32	24	155
HSK63A-SFFB10-135-M22	10	22	135	22	30	24.3	32	30	108
HSK63A-SFFB10-155-M42	10	22	155	42	30	26.4	32	30	128
HSK63A-SFFB10-180-M67	10	22	180	67	28	29	36	30	153
HSK63A-SFFB12-135-M22	12	26	135	22	28	28.3	42	30	105
HSK63A-SFFB12-180-M67	12	26	180	67	28	33	42	30	150
HSK63A-SFFB16-180-M67	16	32	180	67	28	39	42	32	150

Термопатроны 3°, стандартные, с охлаждением

A ↗	G	
≤0.003	G2.5	AD AD/B



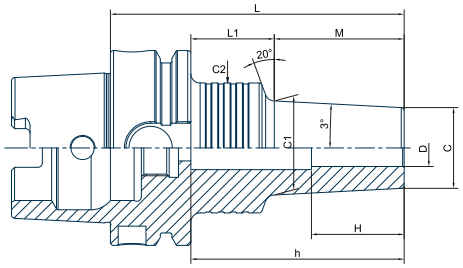


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK100A-SFFB3-90-M22	3	9.5	90	22	39	11.8	26	9	60
HSK100A-SFFB3-110-M42	3	9.5	110	42	39	13.9	26	9	80
HSK100A-SFFB3-120-M22	3	9.5	120	22	69	11.8	26	9	90
HSK100A-SFFB3-135-M67	3	9.5	135	67	39	16.5	26	9	105
HSK100A-SFFB3-140-M42	3	9.5	140	42	69	13.9	25	9	110
HSK100A-SFFB3-165-M67	3	9.5	165	67	69	16.5	26	9	135
HSK100A-SFFB4-90-M22	4	12	90	22	39	14.3	26	12	60
HSK100A-SFFB4-110-M42	4	12	110	42	39	16.4	26	12	80
HSK100A-SFFB4-120-M22	4	12	120	22	69	14.3	25	12	90
HSK100A-SFFB4-135-M67	4	12	135	67	39	19	26	12	105
HSK100A-SFFB4-140-M42	4	12	140	42	69	16.4	26	12	110
HSK100A-SFFB4-165-M67	4	12	165	67	69	19	26	12	135
HSK100A-SFFB6-90-M22	6	14	90	22	39	16.3	36	18	60
HSK100A-SFFB6-110-M42	6	14	110	42	39	18.4	32	18	80
HSK100A-SFFB6-120-M22	6	14	120	22	69	16.3	32	18	90
HSK100A-SFFB6-135-M67	6	14	135	67	39	21	36	18	105
HSK100A-SFFB6-140-M42	6	14	140	42	69	18.4	32	18	110
HSK100A-SFFB6-165-M67	6	14	165	67	69	21	36	18	135
HSK100A-SFFB8-90-M22	8	18	90	22	39	20.3	36	24	60
HSK100A-SFFB8-110-M42	8	18	110	42	39	22.4	36	24	80
HSK100A-SFFB8-120-M22	8	18	120	22	69	20.3	32	24	90
HSK100A-SFFB8-135-M67	8	18	135	67	39	25	36	24	105
HSK100A-SFFB8-140-M42	8	18	140	42	69	22.4	36	24	110
HSK100A-SFFB8-165-M67	8	18	165	67	69	25	36	24	135
HSK100A-SFFB10-90-M22	10	22	90	22	39	24.3	32	30	60
HSK100A-SFFB10-110-M42	10	22	110	42	39	26.4	36	30	80
HSK100A-SFFB10-120-M22	10	22	120	22	69	24.3	32	30	90
HSK100A-SFFB10-135-M67	10	22	135	67	39	29	36	30	105
HSK100A-SFFB10-140-M42	10	22	140	42	69	26.4	36	30	110
HSK100A-SFFB10-165-M67	10	22	165	67	69	29	36	30	135

Термопатроны 3°, стандартные, с охлаждением

A ↗	G	
≤0.003	G2.5	AD AD/B



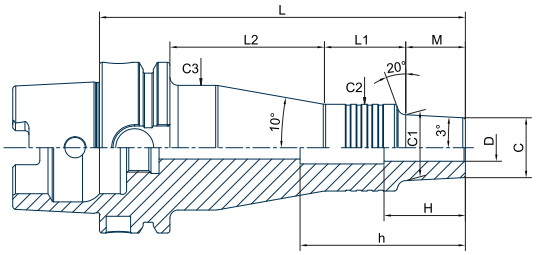


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK100A-SFFB12-90-M22	12	26	90	22	39	28.3	42	30	55
HSK100A-SFFB12-110-M42	12	26	110	42	39	30.4	50	30	75
HSK100A-SFFB12-120-M22	12	26	120	22	69	28.3	42	30	85
HSK100A-SFFB12-135-M67	12	26	135	67	39	33	50	30	100
HSK100A-SFFB12-140-M42	12	26	140	42	69	30.4	50	30	105
HSK100A-SFFB12-165-M67	12	26	165	67	69	33	42	30	130
HSK100A-SFFB12-170-M42	12	26	170	42	99	30.4	50	30	135
HSK100A-SFFB12-195-M67	12	26	195	67	99	33	50	30	160
HSK100A-SFFB16-90-M22	16	32	90	22	39	34.3	42	32	55
HSK100A-SFFB16-110-M42	16	32	110	42	39	36.4	50	32	75
HSK100A-SFFB16-120-M22	16	32	120	22	69	34.3	42	32	85
HSK100A-SFFB16-135-M67	16	32	135	67	39	39	50	32	100
HSK100A-SFFB16-140-M42	16	32	140	42	69	36.4	50	32	105
HSK100A-SFFB16-165-M67	16	32	165	67	69	39	42	32	130
HSK100A-SFFB16-170-M42	16	32	170	42	99	36.4	50	32	135
HSK100A-SFFB16-195-M67	16	32	195	67	99	39	50	32	160
HSK100A-SFFB20-110-M42	20	38	110	42	39	42.4	50	40	75
HSK100A-SFFB20-135-M67	20	38	135	67	39	45	53	40	100
HSK100A-SFFB20-140-M42	20	38	140	42	69	42.4	50	40	105
HSK100A-SFFB20-165-M67	20	38	165	67	69	45	53	40	130
HSK100A-SFFB20-170-M42	20	38	170	42	99	42.4	50	40	135
HSK100A-SFFB20-195-M67	20	38	195	67	99	45	50	40	160
HSK100A-SFFB25-110-M42	25	45	110	42	39	49.4	50	45	75
HSK100A-SFFB25-140-M42	25	45	140	42	69	49.4	50	45	105

Термопатроны 3°, стандартные, с охлаждением

A ↗	G	
≤0.003	G2.5	AD AD/B



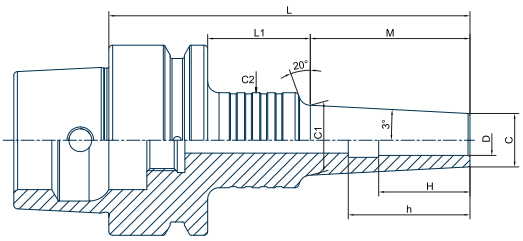


Обозначение	D	C	L	M	L1	L2	C1	C2	C3	H	h
HSK100A-SFFB3-150-M22	3	9.5	150	22	33	66	11.8	26	40	9	120
HSK100A-SFFB3-170-M42	3	9.5	170	42	33	66	13.9	26	40	9	140
HSK100A-SFFB3-195-M67	3	9.5	195	67	33	66	16.5	26	40	9	165
HSK100A-SFFB4-150-M22	4	12	150	22	33	66	14.3	25	39	12	120
HSK100A-SFFB4-170-M42	4	12	170	42	33	66	16.4	26	40	12	140
HSK100A-SFFB4-195-M67	4	12	195	67	33	66	19	26	40	12	165
HSK100A-SFFB6-150-M22	6	14	150	22	30	69	16.3	32	46	18	120
HSK100A-SFFB6-170-M42	6	14	170	42	28	71	18.4	36	50	18	140
HSK100A-SFFB6-195-M67	6	14	195	67	30	69	21	32	46	18	165
HSK100A-SFFB8-150-M22	8	18	150	22	30	69	20.3	32	46	24	120
HSK100A-SFFB8-170-M42	8	18	170	42	28	71	22.4	36	50	24	140
HSK100A-SFFB8-195-M67	8	18	195	67	28	71	25	36	50	24	165
HSK100A-SFFB10-150-M22	10	22	150	22	30	69	24.3	32	46	30	120
HSK100A-SFFB10-170-M42	10	22	170	42	28	71	26.4	36	50	30	140
HSK100A-SFFB10-195-M67	10	22	195	67	28	71	29	36	50	30	115
HSK100A-SFFB12-150-M22	12	26	150	22	28	71	28.3	42	56	30	115
HSK100A-SFFB16-150-M22	16	32	150	22	28	71	34.3	42	56	32	115
HSK100A-SFFB25-170-M42	25	45	170	42	28	71	49.4	53	67	45	135

Термопатроны 3°, стандартные, с охлаждением

A ↗	G	
≤0.003	G2.5	AD AD/B



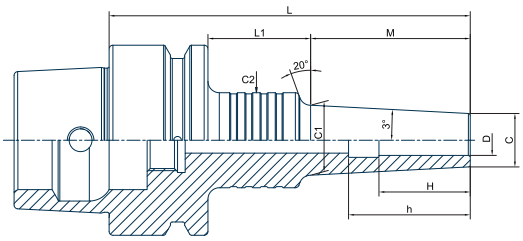


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK50E-SFFB3-75-M22	3	9.5	75	22	27	11.8	25	9	61
HSK50E-SFFB4-75-M22	4	12	75	22	27	14.3	25	12	61
HSK50E-SFFB6-75-M22	6	14	75	22	27	16.3	32	18	60
HSK50E-SFFB8-75-M22	8	18	75	22	27	20.3	32	24	60
HSK50E-SFFB10-75-M22	10	22	75	22	27	24.3	32	30	60
HSK50E-SFFB12-75-M22	12	26	75	22	27	28.3	42	30	62
HSK50E-SFFB16-75-M22	16	32	75	22	27	34.3	42	32	62

Термопатроны 3°, стандартные, с охлаждением

A ↗	G	
≤0.003	G2.5	AD AD/B



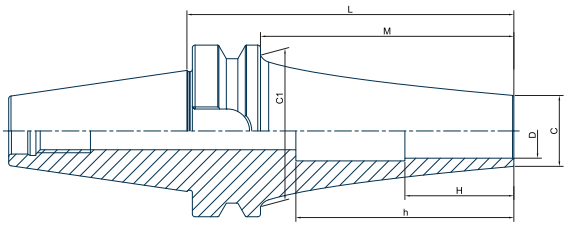


Обозначение	D	C	L	M	L1	C1	C2	H	h
HSK63F-SFFB3-75-M22	3	9.5	75	22	27	11.8	25	9	58
HSK63F-SFFB3-95-M42	3	9.5	95	42	27	13.9	25	9	73
HSK63F-SFFB3-120-M67	3	9.5	120	67	27	16.5	25	9	98
HSK63F-SFFB4-75-M22	4	12	75	22	27	14.3	25	12	53
HSK63F-SFFB4-95-M42	4	12	95	42	27	16.4	25	12	78
HSK63F-SFFB4-120-M67	4	12	120	67	27	19	25	12	98
HSK63F-SFFB6-75-M22	6	14	75	22	27	16.3	32	18	58
HSK63F-SFFB8-75-M22	8	18	75	22	27	20.3	32	24	58
HSK63F-SFFB10-75-M22	10	22	75	22	27	24.3	32	30	54
HSK63F-SFFB12-75-M22	12	26	75	22	27	28.3	42	30	53
HSK63F-SFFB16-75-M22	16	32	75	22	27	34.3	42	32	53
HSK63F-SFFB20-75-M22	20	38	75	22	27	40.3	50	40	53
HSK63F-SFFB25-75-M22	25	45	75	22	27	47.3	50	45	53

Термопатроны, изогнутый конус

A ↗	G	
≤0.003	G2.5	AD AD/B



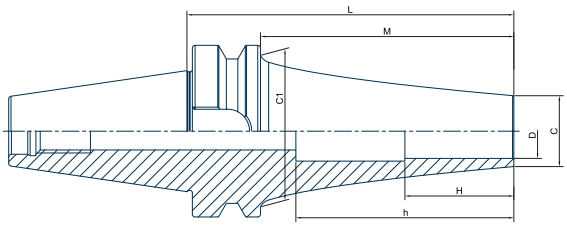


Обозначение	D	C	L	M	C1	H	h
BT30-SFSA4-75 CV	4	7	75	53	34	12	99
BT30-SFSA4-90 CV	4	7	90	68	34	12	114
BT30-SFSA4-120 CV	4	7	120	98	34	12	144
BT30-SFRA4-90 CV	4	10	90	68	34	12	114
BT30-SFRA4-120 CV	4	10	120	98	34	12	144
BT30-SFSA6-75 CV	6	9	75	53	34	18	99
BT30-SFSA6-90 CV	6	9	90	68	34	18	114
BT30-SFSA6-120 CV	6	9	120	98	34	18	144
BT30-SFRA6-90 CV	6	13	90	68	34	18	114
BT30-SFRA6-120 CV	6	13	120	98	34	18	144
BT30-SFSA8-75 CV	8	11	75	53	34	24	99
BT30-SFSA8-90 CV	8	11	90	68	34	24	114
BT30-SFRA8-90 CV	8	16	90	68	34	24	114
BT30-SFSA10-75 CV	10	13	75	53	34	30	99
BT30-SFSA10-90 CV	10	13	90	68	34	30	114
BT30-SFRA10-90 CV	10	19	90	68	34	30	114

Термопатроны, изогнутый конус

A ↗	G	
≤0.003	G2.5	AD AD/B



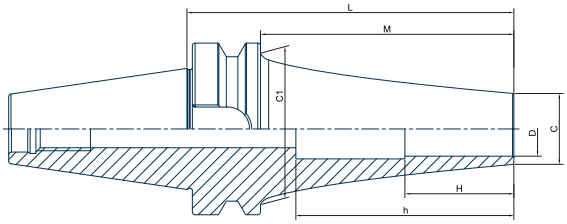


Обозначение	D	C	L	M	C1	H	h
BT40-SFSA4-90 CV	4	7	90	63	53	12	125
BT40-SFSA4-120 CV	4	7	120	93	53	12	155
BT40-SFSA4-150 CV	4	7	150	123	53	12	185
BT40-SFSA4-180 CV	4	7	180	153	53	12	215
BT40-SFSA4-210 CV	4	7	210	183	53	12	245
BT40-SFSA4-240 CV	4	7	240	213	53	12	275
BT40-SFRA4-120 CV	4	10	120	93	53	12	155
BT40-SFRA4-150 CV	4	10	150	123	53	12	185
BT40-SFRA4-180 CV	4	10	180	153	53	12	215
BT40-SFRA4-210 CV	4	10	210	183	53	12	245
BT40-SFSA6-90 CV	6	9	90	63	53	18	125
BT40-SFSA6-120 CV	6	9	120	93	53	18	155
BT40-SFSA6-150 CV	6	9	150	123	53	18	185
BT40-SFSA6-180 CV	6	9	180	153	53	18	215
BT40-SFSA6-210 CV	6	9	210	183	53	18	245
BT40-SFSA6-240 CV	6	9	240	213	53	18	275
BT40-SFRA6-90 CV	6	13	90	63	53	18	125
BT40-SFRA6-120 CV	6	13	120	93	53	18	155
BT40-SFRA6-150 CV	6	13	150	123	53	18	185
BT40-SFRA6-180 CV	6	13	180	153	53	18	215
BT40-SFRA6-210 CV	6	13	210	183	53	18	245
BT40-SFFA6-90 CV	6	13	90	63	53	18	125
BT40-SFFA6-120 CV	6	13	120	93	53	18	155
BT40-SFFA6-150 CV	6	13	150	123	53	18	185
BT40-SFFA6-180 CV	6	13	180	153	53	18	215
BT40-SFFA6-210 CV	6	13	210	183	53	18	245

Термопатроны, изогнутый конус

A ↗	G	
≤0.003	G2.5	AD AD/B



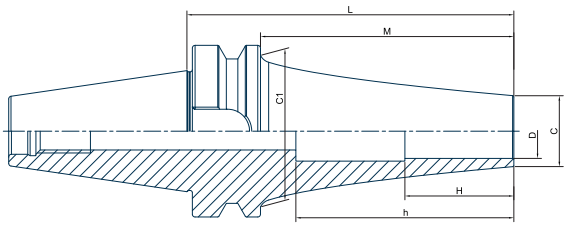


Обозначение	D	C	L	M	C1	H	h
BT40-SFSA8-90 CV	8	11	90	63	53	24	125
BT40-SFSA8-120 CV	8	11	120	93	53	24	155
BT40-SFSA8-150 CV	8	11	150	123	53	24	185
BT40-SFSA8-180 CV	8	11	180	153	53	24	215
BT40-SFSA8-210 CV	8	11	210	183	53	24	245
BT40-SFSA8-240 CV	8	11	240	213	53	24	275
BT40-SFRA8-90 CV	8	16	90	63	53	24	125
BT40-SFRA8-120 CV	8	16	120	93	53	24	155
BT40-SFRA8-150 CV	8	16	150	123	53	24	185
BT40-SFRA8-180 CV	8	16	180	153	53	24	215
BT40-SFRA8-210 CV	8	16	210	183	53	24	245
BT40-SFFA8-90 CV	8	16	90	63	53	24	125
BT40-SFFA8-120 CV	8	16	120	93	53	24	155
BT40-SFFA8-150 CV	8	16	150	123	53	24	185
BT40-SFFA8-180 CV	8	16	180	153	53	24	215
BT40-SFFA8-210 CV	8	16	210	183	53	24	245
BT40-SFSA10-90 CV	10	13	90	63	53	30	125
BT40-SFSA10-120 CV	10	13	120	93	53	30	155
BT40-SFSA10-150 CV	10	13	150	123	53	30	185
BT40-SFSA10-180 CV	10	13	180	153	53	30	215
BT40-SFSA10-210 CV	10	13	210	183	53	30	245
BT40-SFSA10-240 CV	10	13	240	213	53	30	275
BT40-SFRA10-90 CV	10	19	90	63	53	30	125
BT40-SFRA10-120 CV	10	19	120	93	53	30	155
BT40-SFRA10-150 CV	10	19	150	123	53	30	185
BT40-SFRA10-180 CV	10	19	180	153	53	30	215
BT40-SFRA10-210 CV	10	19	210	183	53	30	245
BT40-SFFA10-90 CV	10	19	90	63	53	30	125
BT40-SFFA10-120 CV	10	19	120	93	53	30	155
BT40-SFFA10-150 CV	10	19	150	123	53	30	185

Термопатроны, изогнутый конус

A ↗	G	
≤0.003	G2.5	AD AD/B



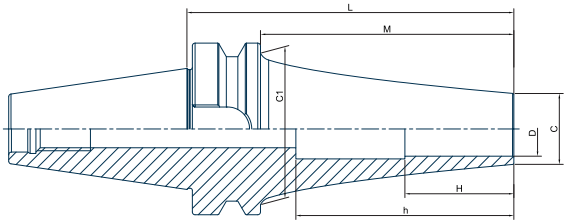


Обозначение	D	C	L	M	C1	H	h
BT40-SFFA10-180 CV	10	19	180	153	53	30	215
BT40-SFFA10-210 CV	10	19	210	183	53	30	245
BT40-SFSA12-90 CV	12	15	90	63	53	30	125
BT40-SFSA12-120 CV	12	15	120	93	53	30	155
BT40-SFSA12-150 CV	12	15	150	123	53	30	185
BT40-SFSA12-180 CV	12	15	180	153	53	30	215
BT40-SFSA12-210 CV	12	15	210	183	53	30	245
BT40-SFSA12-240 CV	12	15	240	213	53	30	275
BT40-SFRA12-90 CV	12	22	90	63	53	30	125
BT40-SFRA12-120 CV	12	22	120	93	53	30	155
BT40-SFRA12-150 CV	12	22	150	123	53	30	185
BT40-SFRA12-180 CV	12	22	180	153	53	30	215
BT40-SFRA12-210 CV	12	22	210	183	53	30	245
BT40-SFFA12-90 CV	12	22	90	63	53	30	125
BT40-SFFA12-120 CV	12	22	120	93	53	30	155
BT40-SFFA12-150 CV	12	22	150	123	53	30	185
BT40-SFFA12-180 CV	12	22	180	153	53	30	215
BT40-SFFA12-210 CV	12	22	210	183	53	30	245
BT40-SFSB16-90 CV	16	21	90	63	53	32	100
BT40-SFSB16-120 CV	16	21	120	93	53	32	130
BT40-SFSB16-150 CV	16	21	150	123	53	32	160
BT40-SFSB16-180 CV	16	21	180	153	53	32	190
BT40-SFSB16-210 CV	16	21	210	183	53	32	220
BT40-SFSB16-240 CV	16	21	240	213	53	32	250
BT40-SFSB20-90 CV	20	26	90	63	50.5	40	100
BT40-SFSB20-120 CV	20	26	120	93	53	40	130
BT40-SFSB20-150 CV	20	26	150	123	53	40	160
BT40-SFSB20-180 CV	20	26	180	153	53	40	190
BT40-SFSB20-210 CV	20	26	210	183	53	40	220
BT40-SFSB20-240 CV	20	26	240	213	53	40	250

Термопатроны, изогнутый конус

A ↗	G	
≤0.003	G2.5	AD AD/B



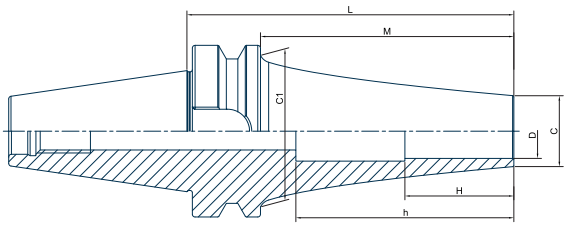


Обозначение	D	C	L	M	C1	H	h
BT50-SFSA4-165CV	4	7	165	127	85	12	220
BT50-SFSA4-195CV	4	7	195	157	85	12	250
BT50-SFSA4-225 CV	4	7	225	187	85	12	280
BT50-SFSA4-255 CV	4	7	255	217	85	12	310
BT50-SFSA4-285 CV	4	7	285	247	85	12	340
BT50-SFSA4-315CV	4	7	315	277	85	12	370
BT50-SFSA6-165CV	6	9	165	127	85	18	220
BT50-SFSA6-195CV	6	9	195	157	85	18	250
BT50-SFSA6-225 CV	6	9	225	187	85	18	280
BT50-SFSA6-255 CV	6	9	255	217	85	18	310
BT50-SFSA6-285 CV	6	9	285	247	85	18	340
BT50-SFSA6-315CV	6	9	315	277	85	18	370
BT50-SFSA8-165CV	8	11	165	127	85	24	220
BT50-SFSA8-195CV	8	11	195	157	85	24	250
BT50-SFSA8-225 CV	8	11	225	187	85	24	280
BT50-SFSA8-255 CV	8	11	255	217	85	24	310
BT50-SFSA8-285 CV	8	11	285	247	85	24	340
BT50-SFSA8-315CV	8	11	315	277	85	24	370
BT50-SFRA8-195CV	8	16	195	157	85	24	250
BT50-SFRA8-225 CV	8	16	225	187	85	24	280
BT50-SFRA8-255 CV	8	16	255	217	85	24	310
BT50-SFRA8-285 CV	8	16	285	247	85	24	340
BT50-SFFA8-195CV	8	16	195	157	85	24	250
BT50-SFFA8-225 CV	8	16	225	187	85	24	280
BT50-SFFA8-255 CV	8	16	255	217	85	24	310
BT50-SFFA8-285 CV	8	16	285	247	85	24	340

Термопатроны, изогнутый конус

A ↗	G	
≤0.003	G2.5	AD AD/B



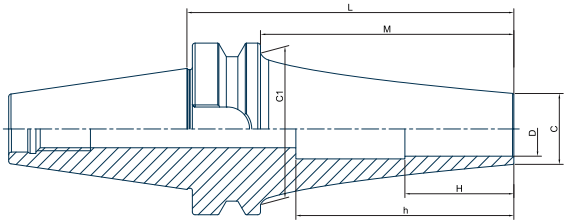


Обозначение	D	C	L	M	C1	H	h
BT50-SFSA10-165 CV	10	13	165	127	85	30	220
BT50-SFSA10-195CV	10	13	195	157	85	30	250
BT50-SFSA10-225 CV	10	13	225	187	85	30	280
BT50-SFSA10-255 CV	10	13	255	217	85	30	310
BT50-SFSA10-285 CV	10	13	285	247	85	30	340
BT50-SFSA10-315CV	10	13	315	277	85	30	370
BT50-SFRA10-165CV	10	19	165	127	85	30	220
BT50-SFRA10-195CV	10	19	195	157	85	30	250
BT50-SFRA10-225 CV	10	19	225	187	85	30	280
BT50-SFRA10-255 CV	10	19	255	217	85	30	310
BT50-SFRA10-285 CV	10	19	285	247	85	30	340
BT50-SFFA10-165CV	10	19	165	127	85	30	220
BT50-SFFA10-195 CV	10	19	195	157	85	30	250
BT50-SFFA10-225 CV	10	19	225	187	85	30	280
BT50-SFFA10-255 CV	10	19	255	217	85	30	310
BT50-SFFA10-285 CV	10	19	285	247	85	30	340
BT50-SFSA12-165 CV	12	15	165	127	84	30	220
BT50-SFSA12-195 CV	12	15	195	157	85	30	250
BT50-SFSA12-225 CV	12	15	225	187	85	30	280
BT50-SFSA12-255 CV	12	15	255	217	85	30	310
BT50-SFSA12-285 CV	12	15	285	247	85	30	340
BT50-SFSA12-315 CV	12	15	315	277	85	30	370
BT50-SFRA12-165 CV	12	22	165	127	85	30	220
BT50-SFRA12-195 CV	12	22	195	157	85	30	250
BT50-SFRA12-225 CV	12	22	225	187	85	30	280
BT50-SFRA12-255 CV	12	22	255	217	85	30	310
BT50-SFRA12-285 CV	12	22	285	247	85	30	340
BT50-SFFA12-165 CV	12	22	165	127	85	30	220
BT50-SFFA12-195 CV	12	22	195	157	85	30	250
BT50-SFFA12-225 CV	12	22	225	187	85	30	280

Термопатроны, изогнутый конус

A ↗	G	
≤0.003	G2.5	AD AD/B



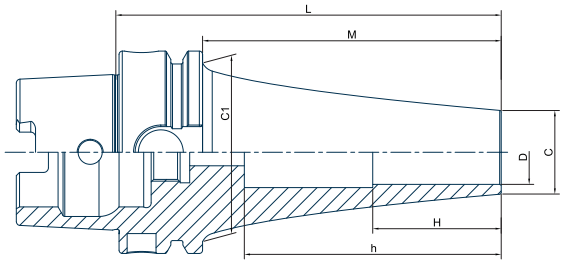


Обозначение	D	C	L	M	C1	H	h
BT50-SFFA12-255 CV	12	22	255	217	85	30	310
BT50-SFFA12-285 CV	12	22	285	247	85	30	340
BT50-SFSB16-165 CV	16	21	165	127	85	32	220
BT50-SFSB16-195 CV	16	21	195	157	85	32	250
BT50-SFSB16-225 CV	16	21	225	187	85	32	280
BT50-SFSB16-255 CV	16	21	255	217	85	32	310
BT50-SFSB16-285 CV	16	21	285	247	85	32	340
BT50-SFSB16-315 CV	16	21	315	277	85	32	370
BT50-SFSB20-165 CV	20	26	165	127	85	40	220
BT50-SFSB20-195 CV	20	26	195	157	85	40	250
BT50-SFSB20-225 CV	20	26	225	187	85	40	280
BT50-SFSB20-255 CV	20	26	255	217	85	40	310
BT50-SFSB20-285 CV	20	26	285	247	85	40	340
BT50-SFSB20-315 CV	20	26	315	277	85	40	370

Термопатроны, изогнутый конус

A ↗	G	
≤0.003	G2.5	AD AD/B



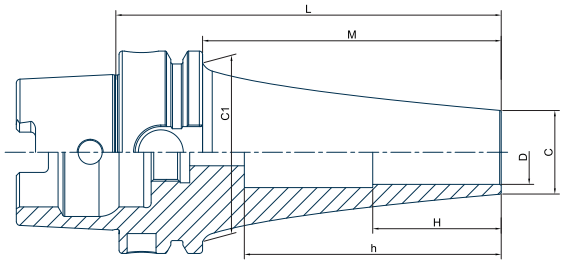


Обозначение	D	C	L	M	C1	H	h
HSK63A-SFSA4-90 CV	4	7	90	64	53	12	65
HSK63A-SFSA4-120 CV	4	7	120	94	53	12	95
HSK63A-SFSA4-150 CV	4	7	150	124	53	12	125
HSK63A-SFSA4-180 CV	4	7	180	154	53	12	154
HSK63A-SFSA4-210 CV	4	7	210	184	53	12	185
HSK63A-SFSA4-240 CV	4	7	240	214	53	12	214
HSK63A-SFSA4-270 CV	4	7	270	244	53	12	245
HSK63A-SFSA4-300 CV	4	7	300	274	53	12	275
HSK63A-SFRA4-120 CV	4	10	120	94	53	12	95
HSK63A-SFRA4-150 CV	4	10	150	124	53	12	125
HSK63A-SFRA4-180 CV	4	10	180	154	53	12	155
HSK63A-SFRA4-210 CV	4	10	210	184	53	12	185
HSK63A-SFLSA6-90 CV	6	9	90	64	53	18	65
HSK63A-SFLSA6-120 CV	6	9	120	94	53	18	95
HSK63A-SFLSA6-150 CV	6	9	150	124	53	18	125
HSK63A-SFLSA6-180 CV	6	9	180	154	53	18	154
HSK63A-SFLSA6-210 CV	6	9	210	184	53	18	184
HSK63A-SFLSA6-240 CV	6	9	240	214	53	18	214
HSK63A-SFLSA6-270 CV	6	9	270	244	53	18	245
HSK63A-SFLSA6-300 CV	6	9	300	274	53	18	275
HSK63A-SFRA6-90 CV	6	13	90	64	53	18	65
HSK63A-SFRA6-120 CV	6	13	120	94	53	18	95
HSK63A-SFRA6-150 CV	6	13	150	124	53	18	125
HSK63A-SFRA6-180 CV	6	13	180	154	53	18	155
HSK63A-SFRA6-210 CV	6	13	210	184	53	18	185
HSK63A-SFFA6-90 CV	6	13	90	64	53	18	65
HSK63A-SFFA6-120 CV	6	13	120	94	53	18	95
HSK63A-SFFA6-150 CV	6	13	150	124	53	18	125
HSK63A-SFFA6-180 CV	6	13	180	154	53	18	155
HSK63A-SFFA6-210 CV	6	13	210	184	53	18	185

Термопатроны, изогнутый конус

A ↗	G	
≤0.003	G2.5	AD AD/B



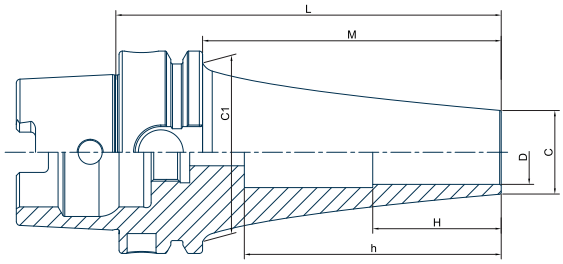


Обозначение	D	C	L	M	C1	H	h
HSK63A-SFSA8-90 CV	8	11	90	64	53	24	65
HSK63A-SFSA8-120 CV	8	11	120	94	53	24	94
HSK63A-SFSA8-150 CV	8	11	150	124	53	24	124
HSK63A-SFSA8-180 CV	8	11	180	154	53	24	155
HSK63A-SFSA8-210 CV	8	11	210	184	53	24	184
HSK63A-SFSA8-240 CV	8	11	240	214	53	24	214
HSK63A-SFSA8-270 CV	8	11	270	244	53	24	244
HSK63A-SFSA8-300 CV	8	11	300	274	53	24	274
HSK63A-SFRA8-90 CV	8	16	90	64	53	24	65
HSK63A-SFRA8-120 CV	8	16	120	94	53	24	95
HSK63A-SFRA8-150 CV	8	16	150	124	53	24	125
HSK63A-SFRA8-180 CV	8	16	180	154	53	24	155
HSK63A-SFRA8-210 CV	8	16	210	184	53	24	185
HSK63A-SFFA8-90 CV	8	16	90	64	53	24	65
HSK63A-SFFA8-120 CV	8	16	120	94	53	24	95
HSK63A-SFFA8-150 CV	8	16	150	124	53	24	125
HSK63A-SFFA8-180 CV	8	16	180	154	53	24	155
HSK63A-SFFA8-210 CV	8	16	210	184	53	24	185

Термопатроны, изогнутый конус

A ↗	G	
≤0.003	G2.5	AD AD/B



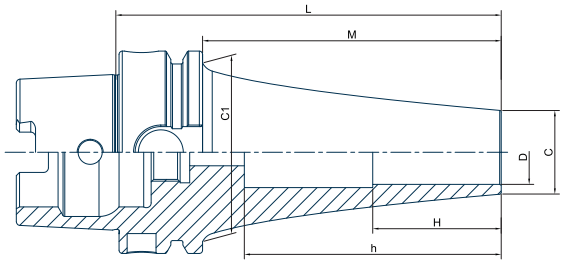


Обозначение	D	C	L	M	C1	H	h
HSK63A-SFSA10-90 CV	10	13	90	64	53	30	65
HSK63A-SFSA10-120 CV	10	13	120	94	53	30	95
HSK63A-SFSA10-150 CV	10	13	150	124	53	30	125
HSK63A-SFSA10-180 CV	10	13	180	154	53	30	154
HSK63A-SFSA10-210 CV	10	13	210	184	53	30	184
HSK63A-SFSA10-240 CV	10	13	240	214	53	30	212
HSK63A-SFSA10-270 CV	10	13	270	244	53	30	244
HSK63A-SFSA10-300 CV	10	13	300	274	53	30	274
HSK63A-SFRA10-90 CV	10	19	90	64	53	30	65
HSK63A-SFRA10-120 CV	10	19	120	94	53	30	95
HSK63A-SFRA10-150 CV	10	19	150	124	53	30	125
HSK63A-SFRA10-180 CV	10	19	180	154	53	30	155
HSK63A-SFRA10-210 CV	10	19	210	184	53	30	185
HSK63A-SFFA10-90 CV	10	19	90	64	53	30	65
HSK63A-SFFA10-120 CV	10	19	120	94	53	30	95
HSK63A-SFFA10-150 CV	10	19	150	124	53	30	125
HSK63A-SFFA10-180 CV	10	19	180	154	53	30	155
HSK63A-SFFA10-210 CV	10	19	210	184	53	30	185

Термопатроны, изогнутый конус

A ↗	G	
≤0.003	G2.5	AD AD/B



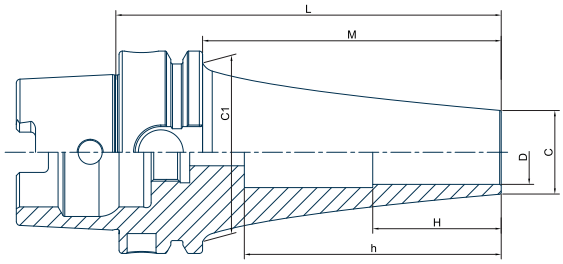


Обозначение	D	C	L	M	C1	H	h
HSK63A-SFSA12-90 CV	12	15	90	64	53	30	64
HSK63A-SFSA12-120 CV	12	15	120	94	53	30	94
HSK63A-SFSA12-150 CV	12	15	150	124	53	30	124
HSK63A-SFSA12-180 CV	12	15	180	154	53	30	154
HSK63A-SFSA12-210 CV	12	15	210	184	53	30	184
HSK63A-SFSA12-240 CV	12	15	240	214	53	30	212
HSK63A-SFSA12-270 CV	12	15	270	244	53	30	244
HSK63A-SFRA12-90 CV	12	22	90	64	53	30	64
HSK63A-SFRA12-120 CV	12	22	120	94	53	30	94
HSK63A-SFRA12-150 CV	12	22	150	124	53	30	124
HSK63A-SFRA12-180 CV	12	22	180	154	53	30	154
HSK63A-SFRA12-210 CV	12	22	210	184	53	30	184
HSK63A-SFFA12-90 CV	12	22	90	64	53	30	64
HSK63A-SFFA12-120 CV	12	22	120	94	53	30	94
HSK63A-SFFA12-150 CV	12	22	150	124	53	30	124
HSK63A-SFFA12-180 CV	12	22	180	154	53	30	154
HSK63A-SFFA12-210 CV	12	22	210	184	53	30	184
HSK63A-SFSB16-90 CV	16	21	90	64	53	32	62
HSK63A-SFSB16-120 CV	16	21	120	94	53	32	92
HSK63A-SFSB16-150 CV	16	21	150	124	53	32	122
HSK63A-SFSB16-180 CV	16	21	180	154	53	32	152
HSK63A-SFSB16-210 CV	16	21	210	184	53	32	182
HSK63A-SFSB16-240 CV	16	21	240	214	53	32	212
HSK63A-SFSB16-270 CV	16	21	270	244	53	32	242
HSK63A-SFSB20-90 CV	20	26	90	64	51	40	62
HSK63A-SFSB20-120 CV	20	26	120	94	53	40	92
HSK63A-SFSB20-150 CV	20	26	150	124	53	40	122
HSK63A-SFSB20-180 CV	20	26	180	154	53	40	152
HSK63A-SFSB20-210 CV	20	26	210	184	53	40	182
HSK63A-SFSB20-240 CV	20	26	240	214	53	40	212

Термопатроны, изогнутый конус

A ↗	G	
≤0.003	G2.5	AD AD/B



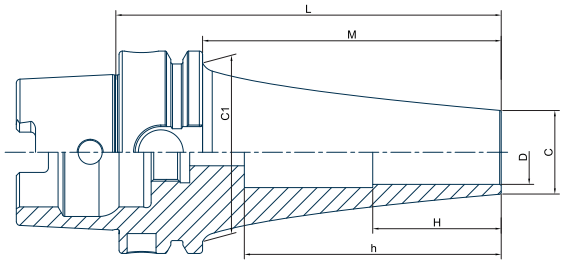


Обозначение	D	C	L	M	C1	H	h
HSK63A-SFSB20-270 CV	20	26	270	244	53	40	242
HSK100A-SFSA4-165CV	4	7	165	136	85	12	133
HSK100A-SFSA4-195 CV	4	7	195	166	85	12	163
HSK100A-SFSA4-225 CV	4	7	225	196	85	12	196
HSK100A-SFSA4-255 CV	4	7	255	226	85	12	226
HSK100A-SFSA4-285 CV	4	7	285	256	85	12	256
HSK100A-SFSA4-315CV	4	7	315	286	85	12	286
HSK100A-SFSA4-345 CV	4	7	345	316	85	12	316
HSK100A-SFSA6-165CV	6	9	165	136	85	18	136
HSK100A-SFSA6-195 CV	6	9	195	166	85	18	166
HSK100A-SFSA6-225 CV	6	9	225	196	85	18	196
HSK100A-SFSA6-255 CV	6	9	255	226	85	18	226
HSK100A-SFSA6-285 CV	6	9	285	256	85	18	256
HSK100A-SFSA6-315CV	6	9	315	286	85	18	286
HSK100A-SFSA6-345 CV	6	9	345	316	85	18	316
HSK100A-SFSA8-165CV	8	11	165	136	85	24	136
HSK100A-SFSA8-195 CV	8	11	195	166	85	24	166
HSK100A-SFSA8-225 CV	8	11	225	196	85	24	196
HSK100A-SFSA8-255 CV	8	11	255	226	85	24	226
HSK100A-SFSA8-285 CV	8	11	285	256	85	24	256
HSK100A-SFSA8-315CV	8	11	315	286	85	24	286
HSK100A-SFSA8-345 CV	8	11	345	316	85	24	311
HSK100A-SFRA8-195 CV	8	16	195	166	85	24	166
HSK100A-SFRA8-225 CV	8	16	225	196	85	24	196
HSK100A-SFRA8-255 CV	8	16	255	226	85	24	226
HSK100A-SFRA8-285 CV	8	16	285	256	85	24	256
HSK100A-SFFA8-195 CV	8	16	195	166	85	24	166
HSK100A-SFFA8-225 CV	8	16	225	196	85	24	196
HSK100A-SFFA8-255 CV	8	16	255	226	85	24	226
HSK100A-SFFA8-285 CV	8	16	285	256	85	24	256

Термопатроны, изогнутый конус

A ↗	G	
≤0.003	G2.5	AD AD/B



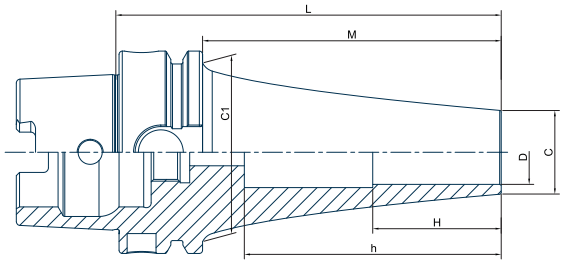


Обозначение	D	C	L	M	C1	H	h
HSK100A-SFSA10-165CV	10	13	165	136	85	30	136
HSK100A-SFSA10-195 CV	10	13	195	166	85	30	166
HSK100A-SFSA10-225 CV	10	13	225	196	85	30	196
HSK100A-SFSA10-255 CV	10	13	255	226	85	30	226
HSK100A-SFSA10-285 CV	10	13	285	256	85	30	251
HSK100A-SFSA10-315CV	10	13	315	286	85	30	286
HSK100A-SFSA10-345 CV	10	13	345	316	85	30	311
HSK100A-SFRA10-165CV	10	19	165	136	85	30	136
HSK100A-SFRA10-195 CV	10	19	195	166	85	30	166
HSK100A-SFRA10-225 CV	10	19	225	196	85	30	196
HSK100A-SFRA10-255 CV	10	19	255	226	85	30	226
HSK100A-SFRA10-285 CV	10	19	285	256	85	30	256
HSK100A-SFFA10-165CV	10	19	165	136	85	30	136
HSK100A-SFFA10-195 CV	10	19	195	166	85	30	166
HSK100A-SFFA10-225 CV	10	19	225	196	85	30	196
HSK100A-SFFA10-255 CV	10	19	255	226	85	30	226
HSK100A-SFFA10-285 CV	10	19	285	256	85	30	256

Термопатроны, изогнутый конус

A ↗	G	
≤0.003	G2.5	AD AD/B



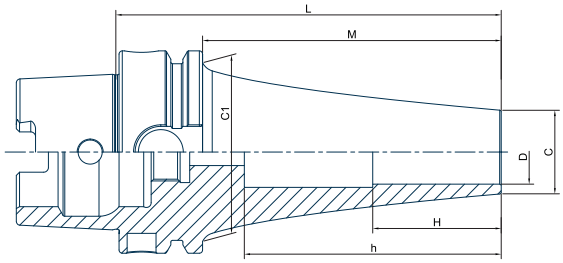


Обозначение	D	C	L	M	C1	H	h
HSK100A-SFSA12-165 CV	12	15	165	136	85	30	133
HSK100A-SFSA12-195 CV	12	15	195	166	85	30	163
HSK100A-SFSA12-225 CV	12	15	225	196	85	30	175
HSK100A-SFSA12-255 CV	12	15	255	226	85	30	190
HSK100A-SFSA12-285 CV	12	15	285	256	85	30	251
HSK100A-SFSA12-315 CV	12	15	315	286	85	30	281
HSK100A-SFSA12-345 CV	12	15	345	316	85	30	311
HSK100A-SFRA12-165 CV	12	22	165	136	85	30	133
HSK100A-SFRA12-195 CV	12	22	195	166	85	30	163
HSK100A-SFRA12-225 CV	12	22	225	196	85	30	159
HSK100A-SFRA12-255 CV	12	22	255	226	85	30	221
HSK100A-SFRA12-285 CV	12	22	285	256	85	30	251
HSK100A-SFFA12-165 CV	12	22	165	136	85	30	133
HSK100A-SFFA12-195 CV	12	22	195	166	85	30	163
HSK100A-SFFA12-225 CV	12	22	225	196	85	30	159
HSK100A-SFFA12-255 CV	12	22	255	226	85	30	221
HSK100A-SFFA12-285 CV	12	22	285	256	85	30	251
HSK100A-SFSB16-165 CV	16	21	165	136	85	32	131
HSK100A-SFSB16-195 CV	16	21	195	166	85	32	161
HSK100A-SFSB16-225 CV	16	21	225	196	85	32	191
HSK100A-SFSB16-255 CV	16	21	255	226	85	32	221
HSK100A-SFSB16-285 CV	16	21	285	256	85	32	251
HSK100A-SFSB16-315 CV	16	21	315	286	85	32	281
HSK100A-SFSB16-345 CV	16	21	345	316	85	32	311

Термопатроны, изогнутый конус

A ↗	G	
≤0.003	G2.5	AD AD/B



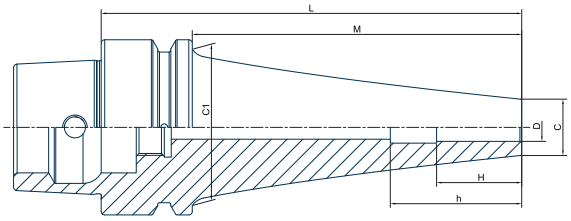


Обозначение	D	C	L	M	C1	H	h
HSK100A-SFSB20-165 CV	20	26	165	136	85	40	132
HSK100A-SFSB20-195 CV	20	26	195	166	85	40	161
HSK100A-SFSB20-225 CV	20	26	225	196	85	40	191
HSK100A-SFSB20-255 CV	20	26	255	226	85	40	221
HSK100A-SFSB20-285 CV	20	26	285	256	85	40	251
HSK100A-SFSB20-315 CV	20	26	315	286	85	40	281
HSK100A-SFSB20-345 CV	20	26	345	316	85	40	311

Термопатроны, изогнутый конус

A ↗	G	
≤0.003	G2.5	AD AD/B



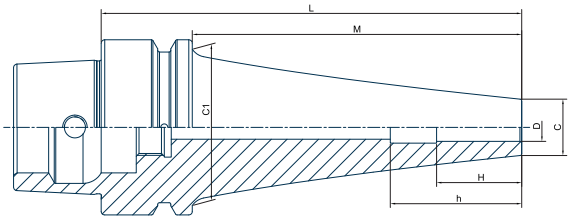


Обозначение	D	C	L	M	C1	H	h
HSK32E-SFSA4-60 CV	4	7	60	40	26	12	43
HSK32E-SFSA4-90 CV	4	7	90	70	26	12	73
HSK32E-SFSA6-60 CV	6	9	60	40	26	18	43
HSK32E-SFSA6-90 CV	6	9	90	70	26	18	73
HSK32E-SFSA8-60 CV	8	11	60	40	26	24	38
HSK32E-SFSA8-90 CV	8	11	90	70	26	24	38
HSK32E-SFSA10-60 CV	10	13	60	40	26	30	48
HSK32E-SFSA10-90 CV	10	13	90	70	26	30	60

Термопатроны, изогнутый конус

A ↗	G	
≤0.003	G2.5	AD AD/B



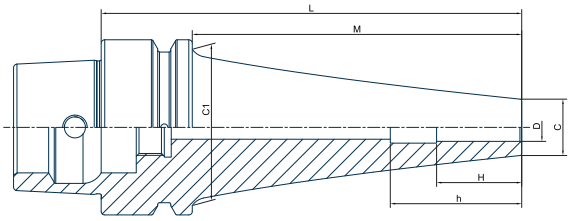


Обозначение	D	C	L	M	C1	H	h
HSK40E-SFSA4-90 CV	4	7	90	70	34	12	74
HSK40E-SFSA4-120 CV	4	7	120	100	34	12	104
HSK40E-SFSA4-150 CV	4	7	150	130	34	12	134
HSK40E-SFRA4-90 CV	4	10	90	70	34	12	81
HSK40E-SFRA4-120 CV	4	10	120	100	34	12	111
HSK40E-SFSA6-90 CV	6	9	90	70	34	18	74
HSK40E-SFSA6-120 CV	6	9	120	100	34	18	104
HSK40E-SFSA6-150 CV	6	9	150	130	34	18	134
HSK40E-SFRA6-90 CV	6	13	90	70	34	18	74
HSK40E-SFRA6-120 CV	6	13	120	100	34	18	104
HSK40E-SFSA8-90 CV	8	11	90	70	34	24	74
HSK40E-SFSA8-120 CV	8	11	120	100	34	24	104
HSK40E-SFSA8-150 CV	8	11	150	130	34	24	134
HSK40E-SFRA8-90 CV	8	16	90	70	34	24	74
HSK40E-SFRA8-120 CV	8	16	120	100	34	24	104
HSK40E-SFSA10-90 CV	10	13	90	70	34	30	74
HSK40E-SFSA10-120 CV	10	13	120	100	34	30	104
HSK40E-SFSA10-150 CV	10	13	150	130	34	30	134
HSK40E-SFRA10-90 CV	10	19	90	70	34	30	74
HSK40E-SFRA10-120 CV	10	19	120	100	34	30	104

Термопатроны, изогнутый конус

A ↗	G	
≤0.003	G2.5	AD AD/B



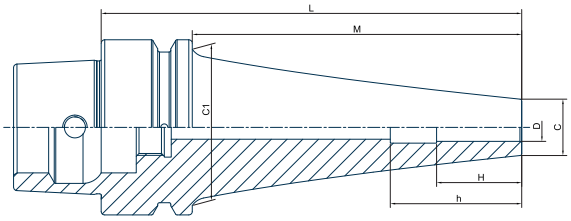


Обозначение	D	C	L	M	C1	H	h
HSK50E-SFSA4-90 CV	4	7	90	64	42	12	74
HSK50E-SFSA4-120 CV	4	7	120	94	42	12	104
HSK50E-SFSA4-150 CV	4	7	150	124	42	12	134
HSK50E-SFSA4-180 CV	4	7	180	154	42	12	164
HSK50E-SFRA4-120 CV	4	10	120	94	42	12	104
HSK50E-SFRA4-150 CV	4	10	150	124	42	12	134
HSK50E-SFSA6-90 CV	6	9	90	64	42	18	74
HSK50E-SFSA6-120 CV	6	9	120	94	42	18	104
HSK50E-SFSA6-150 CV	6	9	150	124	42	18	134
HSK50E-SFSA6-180 CV	6	9	180	154	42	18	164
HSK50E-SFRA6-120 CV	6	13	120	94	42	18	104
HSK50E-SFRA6-150 CV	6	13	150	124	42	18	132
HSK50E-SFSA8-90 CV	8	11	90	64	42	24	74
HSK50E-SFSA8-120 CV	8	11	120	94	42	24	104
HSK50E-SFSA8-150 CV	8	11	150	124	42	24	134
HSK50E-SFSA8-180 CV	8	11	180	154	42	24	164
HSK50E-SFRA8-120 CV	8	16	120	94	42	24	102
HSK50E-SFRA8-150 CV	8	16	150	124	42	24	132
HSK50E-SFSA10-90 CV	10	13	90	64	42	30	74
HSK50E-SFSA10-120 CV	10	13	120	94	42	30	104
HSK50E-SFSA10-150 CV	10	13	150	124	42	30	134
HSK50E-SFSA10-180 CV	10	13	180	154	42	30	164
HSK50E-SFRA10-150 CV	10	19	150	124	42	30	132

Термопатроны, изогнутый конус

A ↗	G	
≤0.003	G2.5	AD AD/B



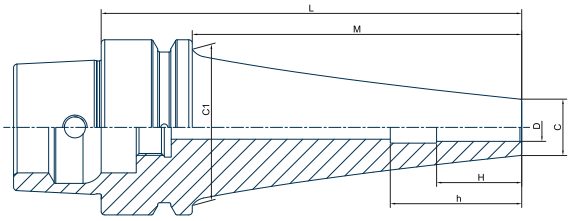


Обозначение	D	C	L	M	C1	H	h
HSK63F-SFSA4-90 CV	4	7	90	64	53	12	65
HSK63F-SFSA4-120 CV	4	7	120	94	53	12	95
HSK63F-SFSA4-150 CV	4	7	150	124	53	12	125
HSK63F-SFSA4-180 CV	4	7	180	154	53	12	154
HSK63F-SFSA4-210 CV	4	7	210	184	53	12	185
HSK63F-SFSA4-240 CV	4	7	240	214	53	12	214
HSK63F-SFSA4-270 CV	4	7	270	244	53	12	245
HSK63F-SFSA4-300 CV	4	7	300	274	53	12	275
HSK63F-SFRA4-120 CV	4	10	120	94	53	12	95
HSK63F-SFRA4-150 CV	4	10	150	124	53	12	125
HSK63F-SFRA4-180 CV	4	10	180	154	53	12	155
HSK63F-SFRA4-210 CV	4	10	210	184	53	12	185
HSK63F-SFSA6-90 CV	6	9	90	64	53	18	65
HSK63F-SFSA6-120 CV	6	9	120	94	53	18	95
HSK63F-SFSA6-150 CV	6	9	150	124	53	18	125
HSK63F-SFSA6-180 CV	6	9	180	154	53	18	154
HSK63F-SFSA6-210 CV	6	9	210	184	53	18	184
HSK63F-SFSA6-240 CV	6	9	240	214	53	18	214
HSK63F-SFSA6-270 CV	6	9	270	244	53	18	245
HSK63F-SFSA6-300 CV	6	9	300	274	53	18	275
HSK63F-SFRA6-90 CV	6	13	90	64	53	18	65
HSK63F-SFRA6-120 CV	6	13	120	94	53	18	95
HSK63F-SFRA6-150 CV	6	13	150	124	53	18	125
HSK63F-SFRA6-180 CV	6	13	180	154	53	18	155
HSK63F-SFRA6-210 CV	6	13	210	184	53	18	185
HSK63F-SFFA6-90 CV	6	13	90	64	53	18	65
HSK63F-SFFA6-120 CV	6	13	120	94	53	18	95
HSK63F-SFFA6-150 CV	6	13	150	124	53	18	125
HSK63F-SFFA6-180 CV	6	13	180	154	53	18	155
HSK63F-SFFA6-210 CV	6	13	210	184	53	18	185

Термопатроны, изогнутый конус

A ↗	G	
≤0.003	G2.5	AD AD/B



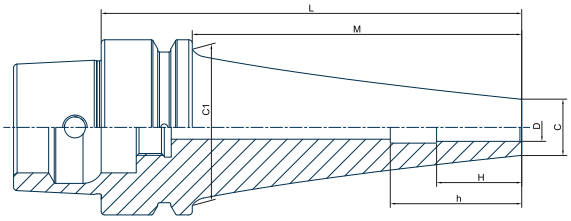


Обозначение	D	C	L	M	C1	H	h
HSK63F-SFSA8-90 CV	8	11	90	64	53	24	65
HSK63F-SFSA8-120 CV	8	11	120	94	53	24	94
HSK63F-SFSA8-150 CV	8	11	150	124	53	24	124
HSK63F-SFSA8-180 CV	8	11	180	154	53	24	155
HSK63F-SFSA8-210 CV	8	11	210	184	53	24	184
HSK63F-SFSA8-240 CV	8	11	240	214	53	24	214
HSK63F-SFSA8-270 CV	8	11	270	244	53	24	244
HSK63F-SFSA8-300 CV	8	11	300	274	53	24	274
HSK63F-SFRA8-90 CV	8	16	90	64	53	24	65
HSK63F-SFRA8-120 CV	8	16	120	94	53	24	95
HSK63F-SFRA8-150 CV	8	16	150	124	53	24	125
HSK63F-SFRA8-180 CV	8	16	180	154	53	24	155
HSK63F-SFRA8-210 CV	8	16	210	184	53	24	185
HSK63F-SFFA8-90 CV	8	16	90	64	53	24	65
HSK63F-SFFA8-120 CV	8	16	120	94	53	24	95
HSK63F-SFFA8-150 CV	8	16	150	124	53	24	125
HSK63F-SFFA8-180 CV	8	16	180	154	53	24	155
HSK63F-SFFA8-210 CV	8	16	210	184	53	24	185

Термопатроны, изогнутый конус

A ↗	G	
≤0.003	G2.5	AD AD/B



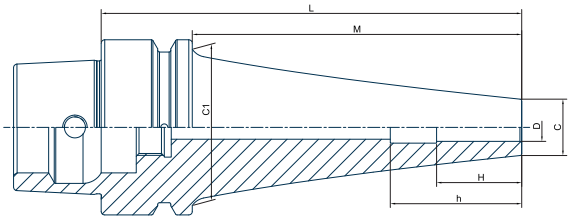


Обозначение	D	C	L	M	C1	H	h
HSK63F-SFSA10-90 CV	10	13	90	64	53	30	65
HSK63F-SFSA10-120 CV	10	13	120	94	53	30	95
HSK63F-SFSA10-150 CV	10	13	150	124	53	30	125
HSK63F-SFSA10-180 CV	10	13	180	154	53	30	154
HSK63F-SFSA10-210 CV	10	13	210	184	53	30	184
HSK63F-SFSA10-240 CV	10	13	240	214	53	30	212
HSK63F-SFSA10-270 CV	10	13	270	244	53	30	244
HSK63F-SFSA10-300 CV	10	13	300	274	53	30	274
HSK63F-SFRA10-90 CV	10	19	90	64	53	30	65
HSK63F-SFRA10-120 CV	10	19	120	94	53	30	95
HSK63F-SFRA10-150 CV	10	19	150	124	53	30	125
HSK63F-SFRA10-180 CV	10	19	180	154	53	30	155
HSK63F-SFRA10-210 CV	10	19	210	184	53	30	185
HSK63F-SFFA10-90 CV	10	19	90	64	53	30	65
HSK63F-SFFA10-120 CV	10	19	120	94	53	30	95
HSK63F-SFFA10-150 CV	10	19	150	124	53	30	125
HSK63F-SFFA10-180 CV	10	19	180	154	53	30	155
HSK63F-SFFA10-210 CV	10	19	210	184	53	30	185

Термопатроны, изогнутый конус

A ↗	G	
≤0.003	G2.5	AD AD/B

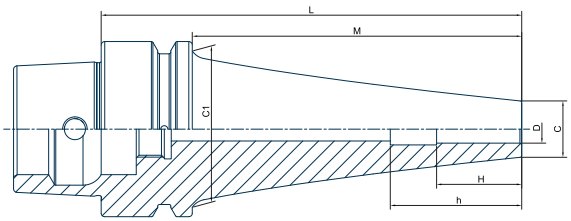




Обозначение	D	C	L	M	C1	H	h
HSK63F-SFSA12-90 CV	12	15	90	64	53	30	64
HSK63F-SFSA12-120 CV	12	15	120	94	53	30	94
HSK63F-SFSA12-150 CV	12	15	150	124	53	30	124
HSK63F-SFSA12-180 CV	12	15	180	154	53	30	154
HSK63F-SFSA12-210 CV	12	15	210	184	53	30	184
HSK63F-SFSA12-240 CV	12	15	240	214	53	30	212
HSK63F-SFSA12-270 CV	12	15	270	244	53	30	244
HSK63F-SFRA12-90 CV	12	22	90	64	53	30	64
HSK63F-SFRA12-120 CV	12	22	120	94	53	30	94
HSK63F-SFRA12-150 CV	12	22	150	124	53	30	124
HSK63F-SFRA12-180 CV	12	22	180	154	53	30	154
HSK63F-SFRA12-210 CV	12	22	210	184	53	30	184
HSK63F-SFFA12-90 CV	12	22	90	64	53	30	64
HSK63F-SFFA12-120 CV	12	22	120	94	53	30	94
HSK63F-SFFA12-150 CV	12	22	150	124	53	30	124
HSK63F-SFFA12-180 CV	12	22	180	154	53	30	154
HSK63F-SFFA12-210 CV	12	22	210	184	53	30	184
HSK63F-SFSB16-90 CV	16	21	90	64	53	32	62
HSK63F-SFSB16-120 CV	16	21	120	94	53	32	92
HSK63F-SFSB16-150 CV	16	21	150	124	53	32	122
HSK63F-SFSB16-180 CV	16	21	180	154	53	32	152
HSK63F-SFSB16-210 CV	16	21	210	184	53	32	182
HSK63F-SFSB16-240 CV	16	21	240	214	53	32	212
HSK63F-SFSB16-270 CV	16	21	270	244	53	32	242

Термопатроны, изогнутый конус





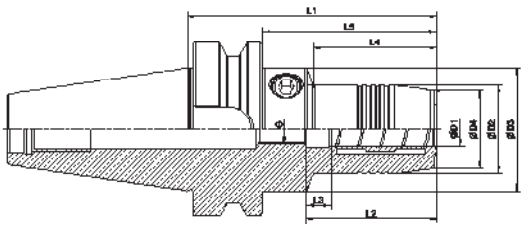
Обозначение	D	C	L	M	C1	H	h
HSK63F-SFSB20-90 CV	20	26	90	64	51	40	62
HSK63F-SFSB20-120 CV	20	26	120	94	53	40	92
HSK63F-SFSB20-150 CV	20	26	150	124	53	40	122
HSK63F-SFSB20-180 CV	20	26	180	154	53	40	152
HSK63F-SFSB20-210 CV	20	26	210	184	53	40	182
HSK63F-SFSB20-240 CV	20	26	240	214	53	40	212
HSK63F-SFSB20-270 CV	20	26	270	244	53	40	242

Гидропатроны

Гидропатроны, стандартные

A ↗	G	
≤0.003	G2.5	AD AD/B



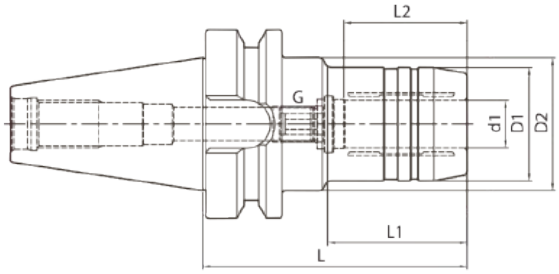


Обозначение	D1	D2	D3	D4	L1	L2	L3	L4	L5	G
BT30-HY06-70	6	26	45	22	70	38	10	30	48	M5*0.8
BT30-HY08-70	8	28	45	24	70	38	10	30	48	M6*1
BT30-HY10-75	10	30	45	26	75	42	10	36	53	M8*1
BT30-HY12-85	12	32	45	28	85	47	10	46	63	M10*1
BT30-HY14-85	14	34	45	30	85	47	10	46	63	M10*1
BT30-HY16-90	16	38	45	34	90	50	10	52	68	M10*1
BT30-HY18-90	18	40	45	36	90	50	10	52	68	M10*1
BT30-HY20-90	20	42	45	38	90	52	10	53	68	M10*1
BT40-HY06-90	6	26	44.5	22	90	38	10	43	63	M5*0.8
BT40-HY08-90	8	28	44.5	24	90	38	10	44.5	63	M6*1
BT40-HY10-90	10	30	44.5	26	90	42	10	44.5	63	M8*1
BT40-HY12-90	12	32	44.5	28	90	47	10	44.5	63	M10*1
BT40-HY14-90	14	34	44.5	30	90	47	10	44.5	63	M10*1
BT40-HY16-90	16	38	50	34	90	50	10	44.5	63	M12*1
BT40-HY18-90	18	40	50	36	90	50	10	45.5	63	M12*1
BT40-HY20-90	20	42	50	38	90	52	10	47.5	63	M16*1
BT40-HY25-100	25	57	62	53	100	58	10	55	73	M16*1
BT40-HY32-105	32	62	~	58	105	62	10	~	78	M16*1

Гидропатроны, стандартные

A ↗	G	
≤0.003	G2.5	AD AD/B



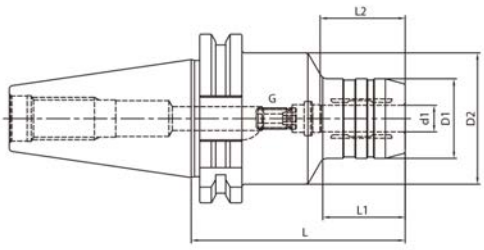


Обозначение	d1	D1	D2	L	L1	L2	Screw
BT50-HY06-90	6	26	44.5	90	34	27	M5×0.8
BT50-HY08-90	8	28	44.5	90	34	27	M6×1.0
BT50-HY10-90	10	30	44.5	90	34	32	M8×1.0
BT50-HY12-90	12	32	44.5	90	34	37	M10×1.0
BT50-HY14-90	14	34	44.5	90	34	37	M10×1.0
BT50-HY16-90	16	38	44.5	90	34	42	M12×1.0
BT50-HY18-90	18	40	44.5	90	34	42	M12×1.0
BT50-HY20-90	20	42	44.5	90	34	42	M16×1.0
BT50-HY25-105	25	57	63	105	52	48	M16×1.0
BT50-HY32-115	32	64	75	115	62	55	M16×1.0
BT50-HY06-120	6	26	44.5	120	34	27	M5×0.8
BT50-HY08-120	8	28	44.5	120	34	27	M6×1.0
BT50-HY10-120	10	30	44.5	120	34	32	M8×1.0
BT50-HY12-120	12	32	44.5	120	34	37	M10×1.0
BT50-HY14-120	14	34	44.5	120	34	37	M10×1.0
BT50-HY16-120	16	38	44.5	120	34	42	M12×1.0
BT50-HY18-120	18	40	44.5	120	34	42	M12×1.0
BT50-HY20-120	20	42	44.5	120	34	42	M16×1.0
BT50-HY06-150	6	26	44.5	150	34	27	M5×0.8
BT50-HY08-150	8	28	44.5	150	34	27	M6×1.0
BT50-HY10-150	10	30	44.5	150	34	32	M8×1.0
BT50-HY12-150	12	32	44.5	150	34	37	M10×1.0
BT50-HY14-150	14	34	44.5	150	34	37	M10×1.0
BT50-HY16-150	16	38	44.5	150	34	42	M12×1.0
BT50-HY18-150	18	40	44.5	150	34	42	M12×1.0
BT50-HY20-150	20	42	44.5	150	34	42	M16×1.0
BT50-HY25-150	25	57	63	150	97	48	M16×1.0
BT50-HY32-150	32	64	75	150	97	55	M16×1.0

Гидропатроны, стандартные

A ↗	G	
≤0.003	G2.5	AD AD/B



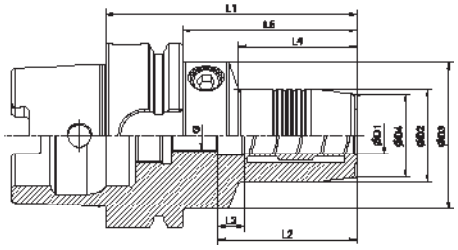


Обозначение	d1	D1	D2	L	L1	L2	Screw
SK30-HY06-70	6	26	45	70	20	27	M5x0.8
SK30-HY08-70	8	28	45	70	20	27	M6x1.0
SK30-HY10-75	10	30	45	75	21	32	M8x1.0
SK30-HY12-85	12	32	45	85	40	37	M10x1.0
SK30-HY14-85	14	34	45	85	22	37	M10x1.0
SK30-HY16-90	16	38	45	90	50	42	M6x1.0
SK30-HY18-90	18	40	45	90	50	42	M10x1.0
SK30-HY20-90	20	42	45	90	50	42	M6x1.0
SK40-HY06-80.5	6	26	49.5	80.5	30	27	M5x0.8
SK40-HY08-80.5	8	28	49.5	80.5	30	27	M6x1.0
SK40-HY10-80.5	10	30	49.5	80.5	31	32	M8x1.0
SK40-HY12-80.5	12	32	49.5	80.5	31.5	37	M10x1.0
SK40-HY16-80.5	16	38	49.5	80.5	33	42	M12x1.0
SK40-HY20-80.5	20	42	49.5	80.5	34	42	M16x1.0
SK40-HY25-80.5	25	55	66	80.5	22	48	M16x1.0
SK40-HY32-80.5	32	63	80	80.5	25.5	55	M16x1.0
SK40-HY06-110	6	26	49.5	110	29.5	27	M5x0.8
SK40-HY08-110	8	28	49.5	110	30	27	M6x1.0
SK40-HY10-110	10	30	49.5	110	31	32	M8x1.0
SK40-HY12-110	12	32	49.5	110	31.5	37	M10x1.0
SK40-HY16-110	16	38	49.5	110	33	42	M12x1.0
SK40-HY20-110	20	42	49.5	110	34	42	M16x1.0
SK50-HY06-80.5	6	26	49.5	80.5	30	27	M5x0.8
SK50-HY08-80.5	8	28	49.5	80.5	30	27	M6x1.0
SK50-HY10-80.5	10	30	49.5	80.5	32	32	M8x1.0
SK50-HY12-80.5	12	32	49.5	80.5	35	37	M10x1.0
SK50-HY16-80.5	16	38	49.5	80.5	40	42	M12x1.0
SK50-HY20-80.5	20	42	49.5	80.5	40	42	M16x1.0

Гидропатроны, стандартные

A ↗	G	
≤0.003	G2.5	AD AD/B





Обозначение	D1	D2	D3	D4	L1	L2	L3	L4	L5	G
HSK63A-HY06-70	6	26	50	22	70	38	10	24	44	M5*0.8
HSK63A-HY08-70	8	28	50	24	70	38	10	25	44	M6*1
HSK63A-HY10-80	10	30	50	26	80	42	10	35	54	M8*1
HSK63A-HY12-85	12	32	50	28	85	47	10	40	59	M10*1
HSK63A-HY14-85	14	34	50	30	85	47	10	40	59	M10*1
HSK63A-HY16-90	16	38	50	34	90	50	10	46	64	M10*1
HSK63A-HY18-90	18	40	50	36	90	50	10	47	64	M10*1
HSK63A-HY20-90	20	42	50	38	90	52	10	48	64	M10*1
HSK63A-HY25-120	25	57	62	53	120	58	10	59	94	M16*1
HSK63A-HY32-125	32	62	~	58	125	62	10	~	99	M16*1
HSK63A-HY06-150	6	26	50	22	150	38	10	103	124	M5*0.8
HSK63A-HY08-150	8	28	50	24	150	38	10	104	124	M6*1
HSK63A-HY10-150	10	30	50	26	150	42	10	104	124	M8*1
HSK63A-HY12-150	12	32	50	28	150	47	10	105	124	M10*1
HSK63A-HY14-150	14	34	50	30	150	47	10	105	124	M10*1
HSK63A-HY16-150	16	38	50	34	150	50	10	106	124	M12*1
HSK63A-HY18-150	18	40	50	36	150	50	10	107	124	M12*1
HSK63A-HY20-150	20	42	50	38	150	52	10	108	124	M16*1
HSK100A-HY06-75	6	26	50	22	75	38	10	26	46	M5*0.8
HSK100A-HY08-75	8	28	50	24	75	38	10	26	46	M6*1
HSK100A-HY10-90	10	30	50	26	90	42	10	42	61	M8*1
HSK100A-HY12-95	12	32	50	28	95	47	10	47	66	M10*1
HSK100A-HY14-95	14	34	50	30	95	47	10	47	66	M10*1
HSK100A-HY16-100	16	38	50	34	100	50	10	53	71	M12*1
HSK100A-HY18-100	18	40	50	36	100	50	10	53	71	M12*1
HSK100A-HY20-105	20	42	50	38	105	52	10	59	76	M16*1
HSK100A-HY25-110	25	57	63	53	110	58	10	62	81	M16*1
HSK100A-HY32-110	32	62	70	58	110	62	10	62	81	M16*1

Гидропатроны, стандартные

A ↗	G	
≤0.003	G2.5	AD AD/B



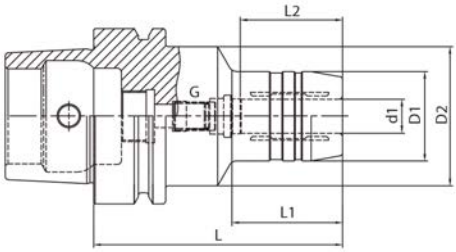


Обозначение	d1	D1	D2	L	L1	L2	Screw
HSK63A-HY6-70	6	26	50	70	24	27	M5×0.8
HSK63A-HY8-70	8	28	50	70	25	27	M6×1.0
HSK63A-HY10-80	10	30	50	80	35	32	M8×1.0
HSK63A-HY12-85	12	32	50	85	40	37	M10×1.0
HSK63A-HY14-85	14	34	50	85	40	37	M10×1.0
HSK63A-HY16-90	16	38	50	90	46	42	M12×1.0
HSK63A-HY18-90	18	40	50	90	47	42	M12×1.0
HSK63A-HY20-90	20	42	50	90	48	42	M16×1.0
HSK63A-HY25-120	25	57	63	120	59	48	M16×1.0
HSK63A-HY32-125	32	64	75	125	63	55	M16×1.0
HSK80A-HY12-85	12	32	50	85	40	37	M10x1.0
HSK80A-HY20-95	20	42	50	95	52	42	M16x1.0
HSK80A-HY32-125	32	64	75	125	63	55	M16x1.0
HSK100A-HY6-75	6	26	50	75	26	27	M5×0.8
HSK100A-HY8-75	8	28	50	75	26	27	M6×1.0
HSK100A-HY10-90	10	30	50	90	42	32	M8×1.0
HSK100A-HY12-95	12	32	50	95	47	37	M10×1.0
HSK100A-HY14-95	14	34	50	95	47	37	M10×1.0
HSK100A-HY16-100	16	38	50	100	53	42	M12×1.0
HSK100A-HY18-100	18	40	50	100	53	42	M12×1.0
HSK100A-HY20-105	20	42	50	105	59	42	M16×1.0
HSK100A-HY25-110	25	57	63	110	62	48	M16×1.0
HSK100A-HY32-110	32	64	75	110	62	55	M16×1.0

Гидропатроны, стандартные

A ↗	G	
≤0.003	G2.5	AD AD/B



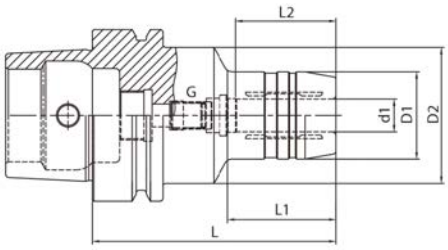


Обозначение	d1	D1	D2	L	L1	L2	G
HSK40E-HY6-70	6	26	34	70	36	27	M5x0.8
HSK40E-HY8-70	8	28	34	70	36	27	M6x1.0
HSK40E-HY10-75	10	30	34	75	42	32	M6x1.0
HSK40E-HY12-80	12	32	34	80	48	37	M6x1.0
HSK50E-HY6-70	6	26	40	70	28	27	M5x0.8
HSK50E-HY8-70	8	28	40	70	28	27	M6x1.0
HSK50E-HY10-75	10	30	40	75	34	32	M8x1.0
HSK50E-HY12-85	12	32	40	85	44	37	M10x1.0
HSK50E-HY16-90	16	38	53	90	30	42	M12x1.0
HSK50E-HY20-90	20	42	60	90	29	42	M16x1.0

Гидропатроны, стандартные

A ↗	G	
≤0.003	G2.5	AD AD/B



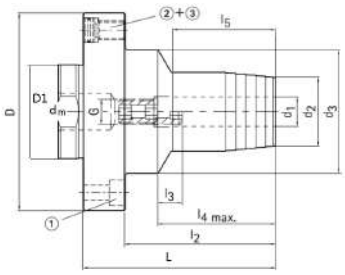


Обозначение	d1	D1	D2	L	L1	L2	G
HSK63F-HY20-85	20	42	50	85	46	42	M12x1.0

Гидропатроны, стандартные

A ↗	G	
≤0.003	G2.5	AD AD/B



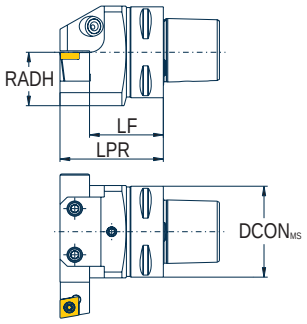


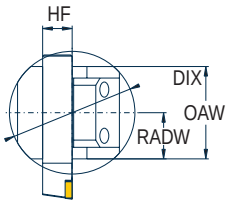
Обозначение	D	d1	d2	d3	l5	L
MOD60-HY06-80	60	06	26	40	30	80
MOD60-HY08-80	60	08	28	40	30	80
MOD60-HY10-80	60	10	30	40	35	80
MOD60-HY12-80	60	12	32	40	40	80
MOD70-HY06-80	70	06	26	40	30	80
MOD70-HY08-80	70	08	28	40	30	80
MOD70-HY10-80	70	10	30	40	35	80
MOD70-HY12-80	70	12	32	40	40	80
MOD80-HY06-80	80	06	26	50	24	80
MOD80-HY08-80	80	08	28	50	25	80
MOD80-HY10-80	80	10	30	50	35	80
MOD80-HY12-80	80	12	32	50	44.5	80
MOD80-HY16-80	80	16	38	50	46	80
MOD80-HY20-80	80	20	42	50	47.5	80
MOD100-HY12-80	100	12	35	50	44.5	80
MOD100-HY16-80	100	16	38	50	46	80
MOD100-HY20-80	100	20	42	50	47.5	80
MOD100-HY25-90	100	25	57	63	59	90
MOD117-HY32-100	117	32	-	-	-	100

Система PSC

Вертикальные адаптеры



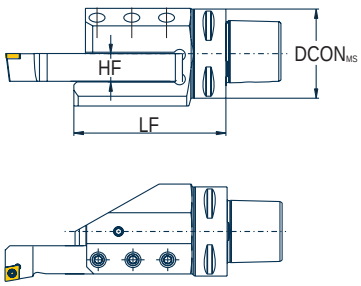


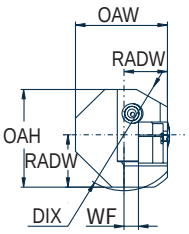


Обозначение	CZCWS	DCONMS	LPR	LF	WF	HF	OAW	OAH	RADH	RADW	DIX
PSC5-EGHA-065-20	20x20	50	65	45	32	20	64	69	37	32	85
PSC6-EGHA-070-20	20x20	63	70	50	32	20	64	69	37	32	85
PSC6-EGHA-080-25	25x25	63	80	55	38	25	76	78	46	38	100
PSC8-EGHA-075-25	25x25	80	75	50	38	25	80	86	46	38	103

Горизонтальные адаптеры



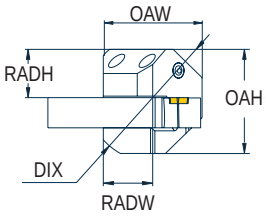


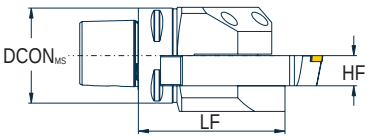


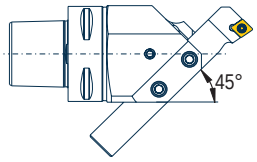
Обозначение		CZCWS	DCONMS	LF	WF	HF	OAW	OAH	RADH	RADW	DIX
Правое исполнение	Левое исполнение										
PSC5-EGHR-095-20	PSC5-EGHL-095-20	20x20	50	95	10	20	55.5	69	37	30	85
PSC6-EGHR-105-20	PSC6-EGHL-105-20	20x20	63	105	10	20	63.5	69	37	30	85
PSC6-EGHR-122-25	PSC6-EGHL-122-25	25x25	63	122	13	25	70	78	46	38	100
PSC8-EGHR-122-25	PSC8-EGHL-122-25	25x25	80	122	15	25	80	86	46	40	103

Наклонные адаптеры





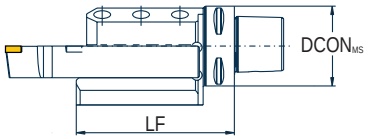


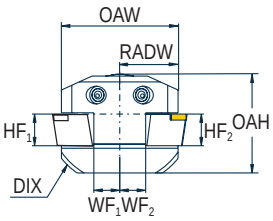


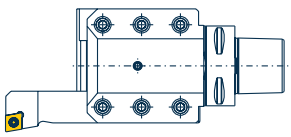
Обозначение		CZCWS	DCONMS	LF	HF	OAW	OAH	RADH	RADW	DIX
Правое исполнение	Левое исполнение									
PSC5-EGHR45-085-20	PSC5-EGHL45-085-20	60	121	45	22	64	69	37	32	85
PSC6-EGHR45-095-20	PSC6-EGHL45-095-20	60	140	50	27	64	69	37	32	85
PSC6-EGHR45-114-25	PSC6-EGHL45-114-25	65	165	60	35	72	78	46	36	100

Двухпозиционные адаптеры





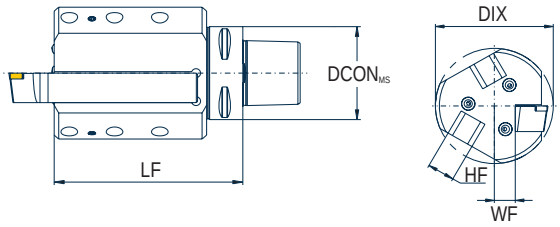




Обозначение	CZCWS	DCONMS	LF	WF1	WF2	HF2	HF2	OAW	OAH	RADW	DIX
PSC6-EGHS-122-25	25x25	63	122	27	27	25	25	90	78	45	114
PSC8-EGHS-122-25	25x25	80	122	35	35	25	25	110	78	55	128

Трехпозиционные адаптеры

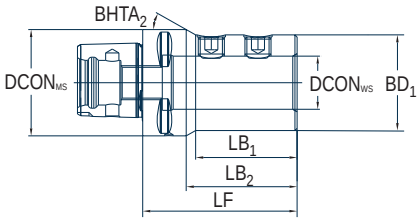




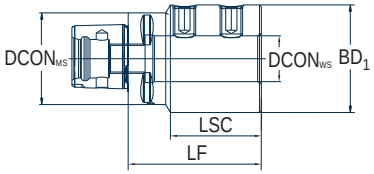
Обозначение		CZCWS	DCONMS	LF	WF	HF	DIX
Правое исполнение	Левое исполнение						
PSC5-EGHA-065-20	PSC5-EGHL3-36123-20	20x20	50	123	16	20	90
PSC6-EGHA-070-20	PSC6-EGHL3-36125-20	20x20	63	125	16	20	90

Параллельные адаптеры





1

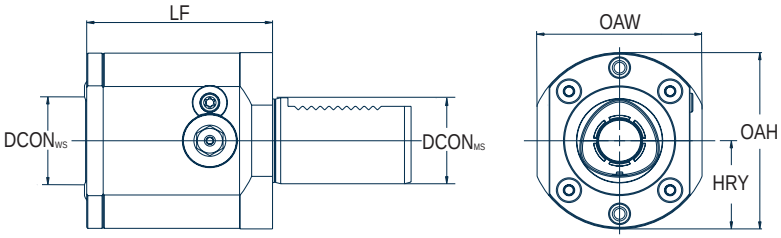


2

Обозначение	DCONMS	DCONWS	LSC	LF	LB1	LB2	BD1	BHTA2	DSGN
PSC3-EGHI-20 060	32	20	51	60	60	-	40	-	2
PSC3-EGHI-25 080	32	25	57	80	80	-	45	-	2
PSC4-EGHI-20 060	40	20	51	60	60	-	40	-	2
PSC4-EGHI-25 077	40	25	57	77	77	-	45	-	2
PSC4-EGHI-32 088	40	32	61	88	88	-	52	-	2
PSC5-EGHI-20 060	50	20	51	60	37.7	40	40	65°	1
PSC5-EGHI-25 071	50	25	57	71	46.7	51	45	30°	1
PSC5-EGHI-32 075	50	32	61	75	75	-	52	-	2
PSC5-EGHI-40 100	50	40	71	100	100	-	65	-	2
PSC6-EGHI-20 070	63	20	51	70	43.8	48	40	75°	1
PSC6-EGHI-25 070	63	25	57	72	45.8	50	45	65°	1
PSC6-EGHI-32 075	63	32	61	75	49.8	53	52	60°	1
PSC6-EGHI-40 085	63	40	71	85	85	-	65	-	2

Адаптеры PSC-VDI

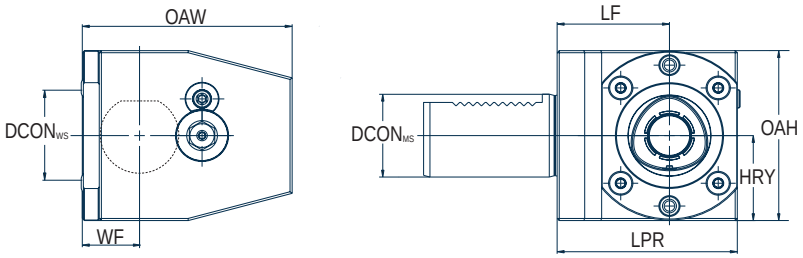




Обозначение		DCONMS	DCONWS	LF	OAW	OAH	HRY
Правое исполнение	Левое исполнение						
PSC3-RC2030-00060M	PSC3-LC2030-00060M	30	32	60	50	61	34
PSC4-RC2040-00075M	PSC4-LC2040-00075M	40	40	75	75	75	41
PSC5-RC2040-00085M	PSC5-LC2040-00085M	40	50	85	75	82	41
PSC4-RC2050-00065M	PSC4-LC2050-00065M	50	40	65	70	83	49
PSC5-RC2050-00085M	PSC5-LC2050-00085M	50	50	85	83	90	49
PSC5-RC2060-00075M	PSC5-LC2060-00075M	60	50	75	80	100	58
PSC6-RC2060-00095	PSC6-LC2060-00095	60	63	95	84	111	58

Адаптеры PSC-VDI

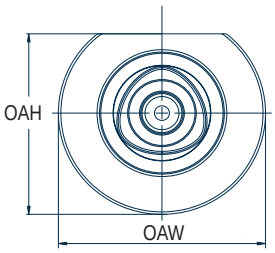


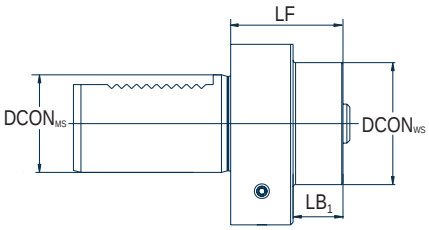


Обозначение		DCONMS	DCONWS	LPR	LF	WF	OAW	HRY	OAH
Правое исполнение	Левое исполнение								
PSC3-RC2030-41020M	PSC3-LC2030-41020M	30	32	60	41	20	74	30	57
PSC3-RC2030-41030M	PSC3-LC2030-41030M	30	32	60	41	30	74	30	57
PSC4-RC2040-51030M	PSC4-LC2040-51030M	40	40	75	51	30	86	38	75
PSC4-RC2040-51040M	PSC4-LC2040-51040M	40	40	75	51	40	86	38	75
PSC5-RC2040-53030M	PSC5-LC2040-53030M	40	50	85	53	30	99	41	82
PSC5-RC2040-53040M	PSC5-LC2040-53040M	40	50	85	53	40	99	41	82
PSC5-RC2050-53030M	PSC5-LC2050-53030M	50	50	85	53	30	99	43	86
PSC5-RC2050-53040M	PSC5-LC2050-53040M	50	50	85	53	40	99	43	86
PSC5-RC2060-43040M	PSC5-LC2060-43040M	60	50	75	43	40	99	53	94
PSC6-RC2060-53040	PSC6-LC2060-53040	60	63	95	53	40	122	53	105

Адаптеры PSC-VDI



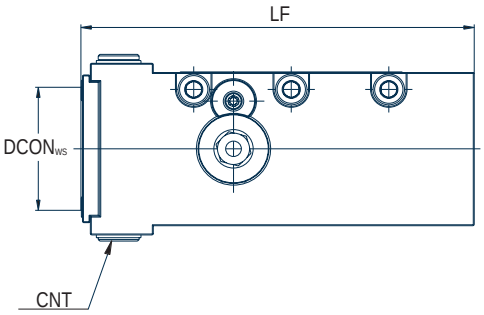


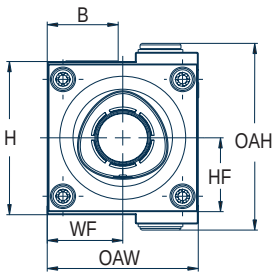


Обозначение	DCON$_{MS}$	DCON$_{WS}$	LB$_1$	LF	OAW	OAH
PSC3-NC3000-V30-035	30	32	15	35	68	62
PSC4-NC3000-V30-060	30	40	40	60	68	62
PSC3-NC3000-V40-030	40	32	10	30	83	74
PSC4-NC3000-V40-030	40	40	5	30	83	74
PSC5-NC3000-V40-045	40	50	20	45	83	74
PSC6-NC3000-V40-090	40	63	70	90	83	74
PSC3-NC3000-V50-035	50	32	10	35	98	84
PSC4-NC3000-V50-040	50	40	15	40	98	84
PSC5-NC3000-V50-050	50	50	25	50	98	84
PSC6-NC3000-V50-070	50	63	45	70	98	84
PSC8-NC3000-V50-100	50	80	75	100	98	90
PSC5-NC3000-V60-050	60	50	20	50	123	104
PSC6-NC3000-V60-050	60	63	20	50	123	104
PSC8-NC3000-V60-085	60	80	55	85	123	104

Прямоугольные зажимные блоки



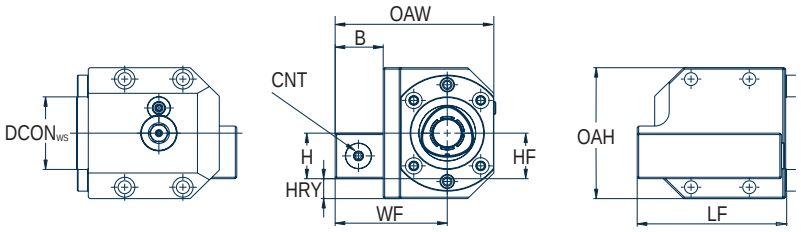




Обозначение		DCONWS	B	H	LF	WF	HF	OAW	OAH	CNT
Правое исполнение	Левое исполнение									
PSC3-RC2085-4038M	PSC3-LC2085-4038M	32	20	40	95	19	20	38	62	G 1/8-28
PSC4-RC2085-5048	PSC4-LC2085-5048	40	25	50	125	24	25	48	58	G 1/8-28
PSC5-RC2085-6464	PSC5-LC2085-6464	50	32	64	146	32	32	64	72	G 1/8-28

Прямоугольные зажимные блоки

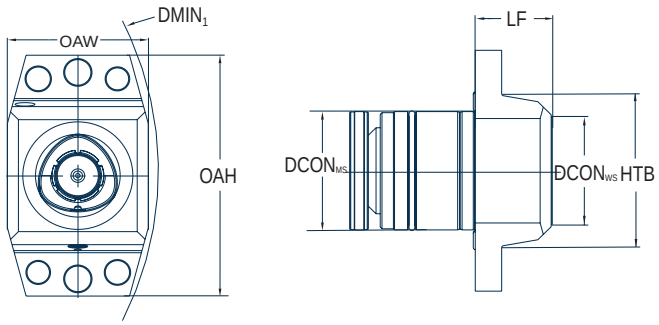




Обозначение		DCONWS	B	H	LF	WF	HF	OAW	OAH	HRY	CNT
Правое исполнение	Левое исполнение										
PSC4-RC2080-59110A	PSC4-LC2080-59110A	40	26	25	110	59	25	83	77	13	G 1/4-19
PSC5-RC2080-77110A	PSC5-LC2080-77110A	50	33	32	110	77	32	109	92	14	G 1/4-19
PSC6-RC2080-93140	PSC6-LC2080-93140	63	40	40	140	93	40	135	105	13	G 1/4-19

Гидравлические зажимные блоки

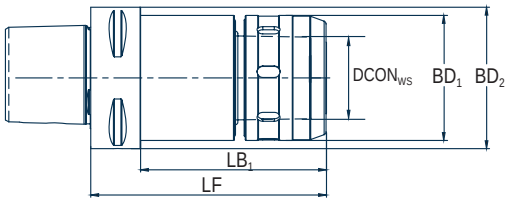




Обозначение	CZCWS	DCONMS	LF	HTB	OAW	OAH	DMIN1
PSC5-NC5030-00035	50	55	35	70	64	112	300
PSC6-NC5030-00040	63	70	40	90	84	143	400
PSC8-NC5030-00050	80	90	50	110	100	180	500

Фрезерные патроны

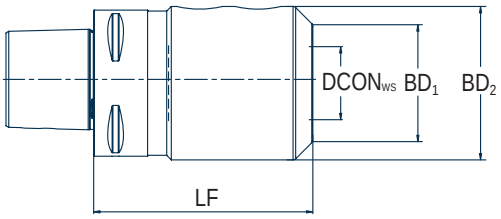




Обозначение	CZCMS	DCONWS	LF	BD1	BD2	LB1	Цанга
PSC4-PC20-85	PSC4	20	85	52	40	65	C20
PSC5-PC20-90	PSC5	20	90	52	50	70	C20
PSC5-PC25-95	PSC5	25	95	60	50	75	C25
PSC6-PC20-90	PSC6	20	90	52	63	68	C20
PSC6-PC25-95	PSC6	25	95	60	63	73	C25
PSC6-PC32-110	PSC6	32	110	69	63	88	
PSC8-PC25-95	PSC8	25	95	60	80	65	C25
PSC8-PC32-110	PSC8	32	110	69	80	80	C32
PSC8-PC42-110	PSC8	42	110	86	80	80	C42
PSC10-PC32-120	PSC10	32	120	69	100	84	C32
PSC10-PC42-120	PSC10	42	120	86	100	84	C42

Патроны с боковым зажимом

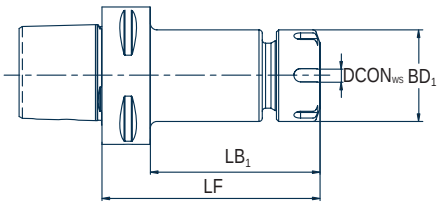




Обозначение	CZCMS	DCONWS	LF	BD1	BD2	Винт
PSC4-XP16-55	PSC4	16	55	38	48	SXP16
PSC5-XP16-60	PSC5	16	60	38	48	SXP16
PSC5-XP20-60	PSC5	20	60	42	50	SXP20
PSC5-XP25-80	PSC5	25	80	49	60	SXP25
PSC6-XP16-65	PSC6	16	65	38	48	SXP16
PSC6-XP20-65	PSC6	20	65	42	50	SXP20
PSC6-XP25-80	PSC6	25	80	49	60	SXP25
PSC6-XP32-90	PSC6	32	90	56	68	SXP32
PSC6-XP40-100	PSC6	40	100	74	84	SXP32
PSC8-XP16-70	PSC8	16	70	38	48	SXP16
PSC8-XP20-70	PSC8	20	70	42	50	SXP20
PSC8-XP25-80	PSC8	25	80	49	60	SXP25
PSC8-XP32-80	PSC8	32	80	56	68	SXP32
PSC8-XP40-110	PSC8	40	110	74	84	SXP32
PSC8-XP50-120	PSC8	50	120	84	90	SXP50

Цанговые патроны ER

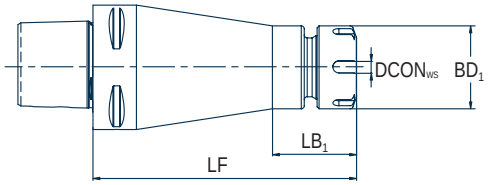




Обозначение	CZCMS	DCONWS	LF	LB1	BD1	Гайка	Винт	Цанга
PSC3-ER16-45	PSC32	17	45	29	28	CN16HS	-	ER16
PSC3-ER20-45	PSC32	21	45	-	34	CN20HS	-	ER20
PSC4-ER20-52	PSC40	21	52	-	34	CN20HS	-	ER20
PSC4-ER25-52	PSC40	26	52	-	42	CN25B	-	ER25
PSC4-ER32-54	PSC40	33	54	-	50	CN32B	-	ER32
PSC5-ER20-55	PSC50	21	55	35	34	CN20HS	-	ER20
PSC5-ER25-55	PSC50	26	55	35	42	CN25B	-	ER25
PSC5-ER32-57	PSC50	33	57	-	50	CN32B	-	ER32
PSC5-ER32-100	PSC50	33	100	-	50	CN32B	SER32C	ER32
PSC6-ER25-60	PSC63	26	60	38	42	CN25B	-	ER25
PSC6-ER25-100	PSC63	26	100	78	42	CN25B	SER25C	ER25
PSC6-ER32-60	PSC63	33	60	38	50	CN32B	-	ER32
PSC6-ER32-100	PSC63	33	100	78	50	CN32B	SER32C	ER32
PSC6-ER40-65	PSC63	41	65	-	63	CN40B	-	ER40
PSC6-ER40-130	PSC63	41	130	-	63	CN40B	SER40C	ER40
PSC8-ER20-65	PSC80	21	65	35	34	CN20HS	SER20C	ER20
PSC8-ER25-70	PSC80	26	70	40	42	CN25B	SER25C	ER25
PSC8-ER32-70	PSC80	33	70	40	50	CN32B	SER32C	ER32
PSC8-ER40-70	PSC80	41	70	40	63	CN40B	-	ER40

Цанговые патроны ER

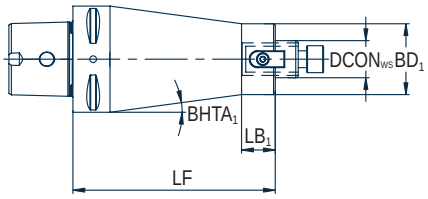




Обозначение	Хвостовик	DCONws	LF	LB1	BD1	Гайка	Винт	Цанга
PSC4-ER16-70	PSC4	17	70	44	28	CN16HS	SER16C	ER16
PSC5-ER16-100	PSC5	17	100	60	28	CN16HS	SER16C	ER16
PSC5-ER20-100	PSC5	21	100	55	34	CN20HS	SER20C	ER20
PSC5-ER20-130	PSC5	21	130	55	34	CN20HS	SER20C	ER20
PSC5-ER25-100	PSC5	26	100	65	42	CN25B	SER25C	ER25
PSC6-ER16-100	PSC6	17	100	60	28	CN16HS	SER16C	ER16
PSC6-ER20-60	PSC6	21	60	31	34	CN20HS	SER20C	ER20
PSC6-ER25-130	PSC6	26	130	65	42	CN25B	SER25C	ER25
PSC6-ER25-160	PSC6	26	160	65	42	CN25B	SER25C	ER25
PSC6-ER32-130	PSC6	33	130	75	50	CN32B	SER32C	ER32
PSC8-ER32-160	PSC8	33	160	75	50	CN32B	SER32C	ER32
PSC8-ER40-160	PSC8	41	160	95	63	CN40B	SER40C	ER40
PSC10-ER32-160	PSC10	33	160	75	50	CN32B	SER32C	ER32
PSC10-ER40-160	PSC10	41	160	95	63	CN40B	SER40C	ER40

Оправки для насадных фрез

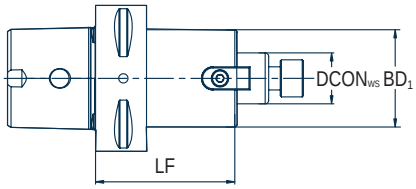




Обозначение	Хвостовик	DCONws	LF	LB1	BD1	BHTA1	Винт	Ключ	Ключ HEX
PSC4-XMB16-120C	PSC4	16	120	22	34	2.2°	MS08030	JC08017	MS03008
PSC5-XMB22-150C	PSC5	22	150	12	42	1.9°	MS10030	JC10021	MS04010
PSC6-XMB22-120C	PSC6	22	120	98	55	90°	MS10030	JC10021	MS04010
PSC6-XMB22-190C	PSC6	22	190	168	55	90°	MS10030	JC10021	MS04010
PSC8-XMB27-150C	PSC8	27	150	120	65	90°	SXM27	JC12023	MS05016
PSC8-XMB27-240C	PSC8	27	240	210	65	90°	SXM27	JC12023	MS05016

Оправки для насадных фрез

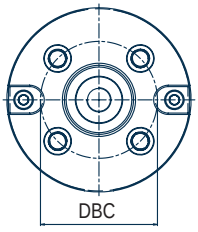


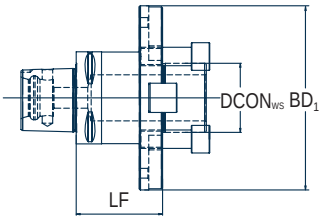


Обозначение	Хвостовик	DCONWS	LF	LB1	Винт	Ключ	Винт
PSC3-XMB16-30	PSC3	16	30	32	MS08030	JC08017	MS03007
PSC4-XMB16-32	PSC4	16	32	40	MS08030	JC08017	MS03008
PSC4-XMB16-55	PSC4	16	55	34	MS08030	JC08017	MS03008
PSC4-XMB22-25	PSC4	22	25	40	MS10030	JC10021	MS04010
PSC4-XMB22-55	PSC4	22	55	42	MS10030	JC10021	MS04010
PSC5-XMB16-35	PSC5	16	35	34	MS08030	JC08017	MS03008
PSC5-XMB16-70	PSC5	16	70	34	MS08030	JC08017	MS03008
PSC5-XMB22-25	PSC5	22	25	50	MS10030	JC10021	MS04010
PSC5-XMB22-70	PSC5	22	70	42	MS10030	JC10021	MS04010
PSC5-XMB27-25	PSC5	27	25	50	SXM27	JC12023	MS05012
PSC5-XMB32-40	PSC5	32	40	78	SXM32	JC14020	MS06016
PSC6-XMB16-40	PSC6	16	40	34	MS08030	JC08017	MS03008
PSC6-XMB22-25	PSC6	22	25	63	MS10030	JC10021	MS04010
PSC6-XMB22-80	PSC6	22	80	42	MS10030	JC10021	MS04010
PSC6-XMB27-25	PSC6	27	25	63	SXM27	JC12023	MS05016
PSC6-XMB27-80	PSC6	27	80	60	SXM27	JC12023	MS05016
PSC6-XMB32-25	PSC6	32	25	63	SXM32	JC14023	MS06014
PSC6-XMB40-50	PSC6	40	50	89	SXM40	KXM40	MS08016
PSC8-XMB16-50	PSC8	16	50	34	MS08030	JC08017	MS03008
PSC8-XMB22-30	PSC8	22	30	80	MS10030	JC10021	MS04010
PSC8-XMB22-90	PSC8	22	90	42	MS10030	JC10021	MS04010
PSC8-XMB27-30	PSC8	27	30	80	SXM27	JC12023	MS05016
PSC8-XMB27-90	PSC8	27	90	60	SXM27	JC12023	MS05016
PSC8-XMB32-30	PSC8	32	30	80	SXM32	JC14020	MS06020
PSC8-XMB40-60	PSC8	40	60	89	SXM40	KXM40	MS08020
PSC10-XMB27-75	PSC10	27	75	60	SXM27	JC12023	MS05016
PSC10-XMB32-75	PSC10	32	75	78	SXM32	JC14020	MS06020

Оправки для торцевых фрез



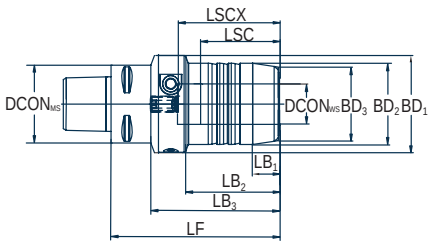




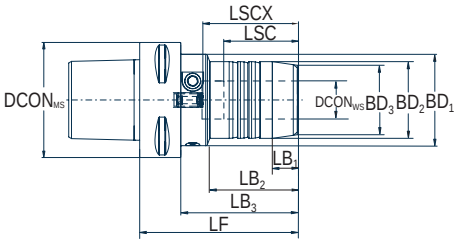
Обозначение	Хвостовик	DCONws	DBC	LF	BD1	Винт	Ключ	Винт
PSC6-XMC40-50C	PSC63	40	66.7	50	89	MS12045	KXM40	MS08020
PSC8-XMC40-60C	PSC80	40	66.7	60	89	MS12045	KXM40	MS08020
PSC10-XMC40-40C	PSC100	40	66.7	40	100	MS12045	KXM40	MS08020
PSC8-XMC60-60	PSC80	60	101.6	60	129	MS16045	KXMC60	MS10025
PSC10-XMC60-75	PSC100	60	101.6	75	129	MS16045	KXMC60	MS10025

Гидравлические патроны





Тип 1

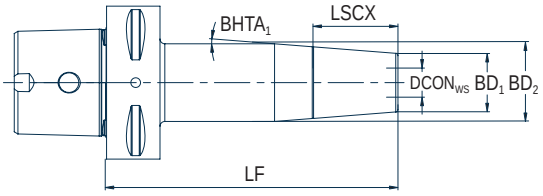


Тип 2

Обозначение	DCONMS	DCONWS	BD1	BD2	BD3	LF	LSCX	LB1	LB2	Винт	Ключ Torx	Тип
PSC4-HCM06-65	40	6	22	26	50	65	37	24	45	HCSO05014C	TS5	I
PSC4-HCM08-65	40	8	24	28	50	65	37	25	45	HCSO06014C	TS5	I
PSC4-HCM10-75	40	10	26	30	50	75	41	35	55	HCSO08014C	TS5	I
PSC4-HCM12-85	40	12	28	32	50	85	46	45	65	HCSO08014C	TS5	I
PSC4-HCM16-85	40	16	34	38	50	85	49	48	65	HCSO08014C	TS5	I
PSC4-HCM20-90	40	20	38	42	50	85	51	47.5	70	HCSO08014C	TS5	I
PSC5-HCM06-65	50	6	22	26	50	65	37	30	-	HCSO05014C	TS5	II
PSC5-HCM08-65	50	8	24	28	50	65	37	30	-	HCSO06014C	TS5	II
PSC5-HCM10-70	50	10	26	30	50	70	41	35	-	HCSO08014C	TS5	II
PSC5-HCM12-80	50	12	28	32	50	80	46	45	-	HCSO08014C	TS5	II
PSC5-HCM16-80	50	16	34	38	50	80	49	48	-	HCSO08014C	TS5	II
PSC5-HCM20-80	50	20	38	42	50	80	51	48	-	HCSO08014C	TS5	II
PSC5-HCM25-100	50	25	53	57	63	100	57	59	80	HCSO12014C	TS6	I
PSC6-HCM06-70	63	6	22	26	50	70	37	29	48	HCSO05014C	TS5	II
PSC6-HCM08-70	63	8	24	28	50	70	37	30	48	HCSO06014C	TS5	II
PSC6-HCM10-75	63	10	26	30	50	75	41	35	53	HCSO08014C	TS5	II
PSC6-HCM12-85	63	12	28	32	50	90	46	45	63	HCSO08014C	TS5	II
PSC6-HCM16-85	63	16	34	38	50	85	49	48	63	HCSO08014C	TS5	II
PSC6-HCM20-100	63	20	38	42	50	100	51	51	63	HCSO08014C	TS5	II
PSC6-HCM25-100	63	25	53	57	63	100	57	60	-	HCSO12014C	TS6	II
PSC6-HCM32-105	63	32	60	64	75	105	61	61	83	HCSO12014C	TS6	I
PSC8-HCM12-95	80	12	28	32	50	95	46	45	63	HCSO08014C	TS5	II
PSC8-HCM20-95	80	20	38	42	50	95	51	48	63	HCSO08014C	TS5	II
PSC8-HCM32-115	80	32	60	64	75	115	61	63	82	HCSO12014C	TS6	II

Термопатроны

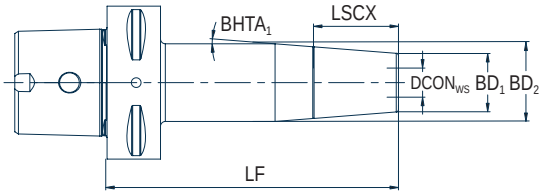




Обозначение	DCONMS	DCONWS	LF	LSCX	BD1	BD2	BHTA1	Винт
PSC4-SFX06-75	40	6	75	36	21	27	4.5°	SO05014C
PSC4-SF08-75	40	8	75	36	21	27	4.5°	SO06014C
PSC4-SF10-75	40	10	75	42	24	32	4.5°	SO08014C
PSC4-SF12-75	40	12	75	47	24	32	4.5°	SO08014C
PSC4-SF14-80	40	14	80	47	27	34	4.5°	SO08014C
PSC4-SF16-80	40	16	80	50	27	34	4.5°	SO12014C
PSC5-SFX06-75	50	6	75	36	21	27	4.5°	SO05014C
PSC5-SF08-75	50	8	75	36	21	27	4.5°	SO06014C
PSC5-SF10-75	50	10	75	42	24	32	4.5°	SO08014C
PSC5-SF12-75	50	12	75	47	24	32	4.5°	SO08014C
PSC5-SF14-80	50	14	80	47	27	34	4.5°	SO08014C
PSC5-SF16-80	50	16	80	50	27	34	4.5°	SO12014C
PSC5-SF18-80	50	18	80	50	33	42	4.5°	SO12014C
PSC5-SF20-85	50	20	85	52	33	42	4.5°	SO16016C
PSC6-SFX06-80	63	6	80	36	21	27	4.5°	SO05014C
PSC6-SF08-80	63	8	80	36	21	27	4.5°	SO06014C
PSC6-SF10-80	63	10	80	42	24	32	4.5°	SO08014C
PSC6-SF12-80	63	12	80	47	24	32	4.5°	SO08014C
PSC6-SF14-85	63	14	85	47	27	34	4.5°	SO08014C
PSC6-SF16-85	63	16	85	50	27	34	4.5°	SO12014C
PSC6-SF18-85	63	18	85	50	33	42	4.5°	SO12014C
PSC6-SF20-85	63	20	85	52	33	42	4.5°	SO16016C
PSC6-SF25-90	63	25	90	58	44	53	4.5°	SO16016C
PSC6-SF32-95	63	32	95	58	44	53	4.5°	SO16016C
PSC8-SF10-90	80	10	90	42	24	32	4.5°	SO08014C
PSC8-SF12-90	80	12	90	47	24	32	4.5°	SO08014C
PSC8-SF16-95	80	16	95	47	27	34	4.5°	SO12014C
PSC8-SF20-95	80	20	95	52	33	42	4.5°	SO16016C

Термопатроны

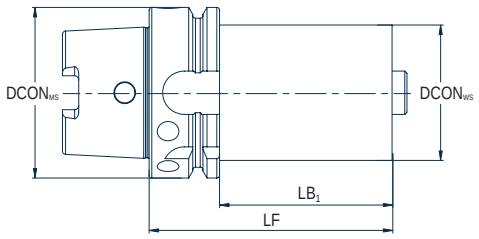




Обозначение	DCONMS	DCONWS	LF	LSCX	BD1	BD2	BHTA1	Винт
PSC8-SF25-100	80	25	100	58	44	53	4.5°	SO16016C
PSC10-SF12-95	100	12	95	47	24	32	4.5°	SO08014C
PSC10-SF16-100	100	16	100	50	27	34	4.5°	SO12014C
PSC10-SF20-100	100	20	100	52	33	42	4.5°	SO16016C
PSC10-SF25-110	100	25	110	58	44	53	4.5°	SO16016C

Адаптеры HSK-PSC

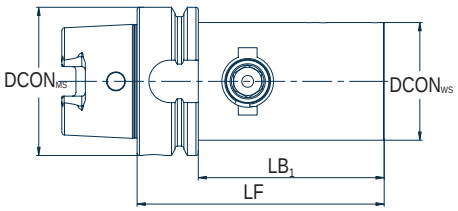




Обозначение	DCONMS	DCONWS	LF	LB1
HSK63T-PSC5-90	63	50	90	64
HSK63T-PSC6-110	63	63	110	-
HSK100T-PSC6-110	100	63	110	81
HSK100T-PSC8-120	100	80	120	91

Адаптеры HSK-PSC

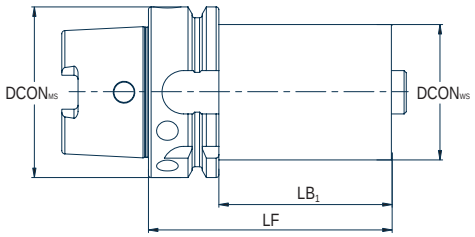




Обозначение	DCONMS	DCONWS	LF	LB1
HSK63A-PSC5M-115	63	50	115	89
HSK100A-PSC6M-135	100	63	135	106
HSK100A-PSC8M-165	100	80	165	136

Адаптеры HSK-PSC

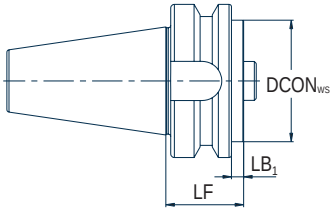




Обозначение	DCONMS	DCONWS	LF	LB1
HSK63A-PSC3-75	63	32	75	49
HSK63A-PSC4-80	63	40	80	54
HSK63A-PSC5-90	63	50	90	64
HSK100A-PSC3-80	100	32	80	51
HSK100A-PSC4-90	100	40	90	61
HSK100A-PSC5-100	100	50	100	71
HSK100A-PSC6-110	100	63	110	81
HSK100A-PSC8-120	100	80	120	91
HSK100A-PSC10-155	100	100	155	-

Адаптеры BT-PSC

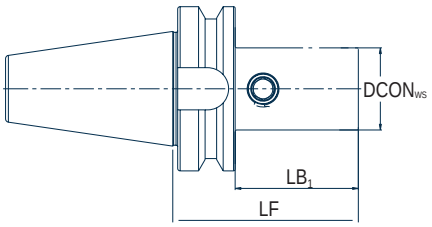




Обозначение	CZCMS	DCONWS	LF	LB1
BT30-PSC3-30	BT30	32	30	8
BT30-PSC3-60	BT30	32	60	38
BT30-PSC4-60	BT30	40	60	38
BT30-PSC5-80	BT30	50	80	-
BT40-PSC3-30	BT40	32	30	3
BT40-PSC3-60	BT40	32	60	33
BT40-PSC4-30	BT40	40	30	3
BT40-PSC4-60	BT40	40	60	33
BT40-PSC5-50	BT40	50	50	23
BT40-PSC5-90	BT40	50	90	63
BT40-PSC6-75	BT40	63	75	-
BT50-PSC3-40	BT50	32	40	2
BT50-PSC3-70	BT50	32	70	32
BT50-PSC4-40	BT50	40	40	2
BT50-PSC4-70	BT50	40	70	32
BT50-PSC5-40	BT50	50	40	2
BT50-PSC5-80	BT50	50	80	42
BT50-PSC6-50	BT50	63	50	12
BT50-PSC6-100	BT50	63	100	62
BT50-PSC8-70	BT50	80	70	32
BT50-PSC8-120	BT50	80	120	82
BT50-PSC10-140	BT50	100	140	-
BT60-PSC8-120	BT60	80	120	72
BT60-PSC10-80	BT60	100	80	32

Адаптеры BT-PSC

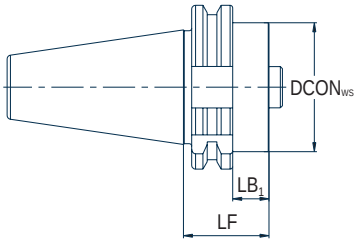




Обозначение	CZCMS	DCONWS	LF	LB1
BT50-PSC5M-115	BT50	50	115	77
BT50-PSC6M-135	BT50	63	135	97
BT50-PSC8M-150	BT50	80	150	112

Адаптеры JT-PSC

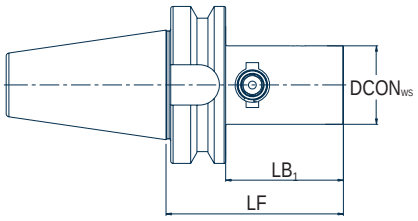




Обозначение	CZCMS	DCONWS	LF	LB1
JT40-PSC3-30	JT40	32	30	10.9
JT40-PSC3-60	JT40	32	60	40.9
JT40-PSC4-30	JT40	40	30	10.9
JT40-PSC4-60	JT40	40	60	40.9
JT40-PSC5-60	JT40	50	60	40.9
JT40-PSC5-80	JT40	50	80	60.9
JT40-PSC6-85	JT40	63	85	65.9
JT50-PSC3-30	JT50	32	30	10.9
JT50-PSC3-60	JT50	32	60	40.9
JT50-PSC4-30	JT50	40	30	10.9
JT50-PSC4-60	JT50	40	60	40.9
JT50-PSC5-30	JT50	50	30	10.9
JT50-PSC5-70	JT50	50	70	50.9
JT50-PSC6-50	JT50	63	50	30.9
JT50-PSC6-100	JT50	63	100	80.9
JT50-PSC8-70	JT50	80	70	50.9
JT50-PSC8-120	JT50	80	120	100.9
JT50-PSC10-140	JT50	100	140	-
JT60-PSC8-120	JT60	80	120	100.9
JT60-PSC10-50	JT60	100	50	30.9

Адаптеры JT-PSC

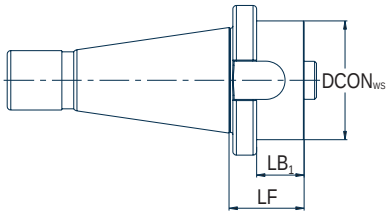




Обозначение	CZCMS	DCONWS	LF	LB1
JT50-PSC5M-95	JT50	50	95	75.9
JT50-PSC6M-115	JT50	63	115	95.9
JT50-PSC8M-135	JT50	80	135	115.9

Адаптеры ST-PSC

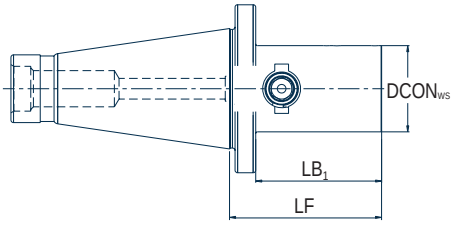




Обозначение	CZCMS	DCONWS	LF	LB1
ST40-PSC3-30	ST40	32	30	18.4
ST40-PSC4-30	ST40	40	30	18.4
ST40-PSC4-60	ST40	40	60	48.4
ST40-PSC5-30	ST40	50	30	18.4
ST40-PSC6-75	ST40	63	75	-
ST50-PSC3-30	ST50	32	30	14.8
ST50-PSC3-60	ST50	32	60	44.8
ST50-PSC4-30	ST50	40	30	14.8
ST50-PSC4-60	ST50	40	60	44.8
ST50-PSC5-30	ST50	50	30	14.8
ST50-PSC5-70	ST50	50	70	54.8
ST50-PSC6-30	ST50	63	30	14.8
ST50-PSC6-80	ST50	63	80	64.8
ST50-PSC8-70	ST50	80	70	54.8
ST50-PSC8-120	ST50	80	120	104.8

Адаптеры ST-PSC

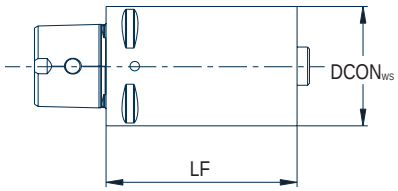




Обозначение	CZCMS	DCONWS	LF	LB1
ST40-PSC5M-95	ST40	50	95	83.4
ST50-PSC8M-140	ST50	80	140	124.8

Удлинители PSC

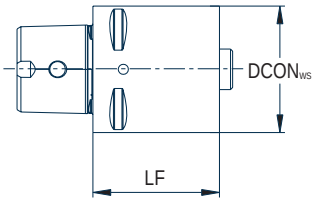




Обозначение	CZCms	DCONws	LF
PSC3-PSC3-60	PSC3	32	60
PSC3-PSC3-80	PSC3	32	80
PSC3-PSC3-95	PSC3	32	95
PSC4-PSC4-60	PSC4	40	60
PSC4-PSC4-80	PSC4	40	80
PSC4-PSC4-120	PSC4	40	120
PSC5-PSC5-80	PSC5	50	80
PSC5-PSC5-100	PSC5	50	100
PSC5-PSC5-150	PSC5	50	150
PSC6-PSC6-100	PSC6	63	100
PSC6-PSC6-140	PSC6	63	140
PSC6-PSC6-185	PSC6	63	185
PSC8-PSC8-100	PSC8	80	100
PSC8-PSC8-125	PSC8	80	125
PSC8-PSC8-200	PSC8	80	200
PSC10-PSC10-140	PSC10	100	140
PSC10-PSC10-200	PSC10	100	200

Удлинители PSC

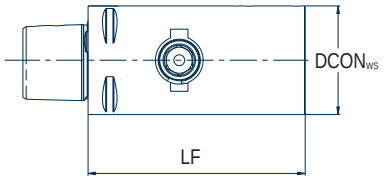




Обозначение	CZCMS	DCONWS	LF
PSC3-PSC3-35	PSC3	32	35
PSC4-PSC4-40	PSC4	40	40
PSC5-PSC5-50	PSC5	50	50
PSC6-PSC6-60	PSC6	63	60
PSC8-PSC8-65	PSC8	80	65

Удлинители PSC

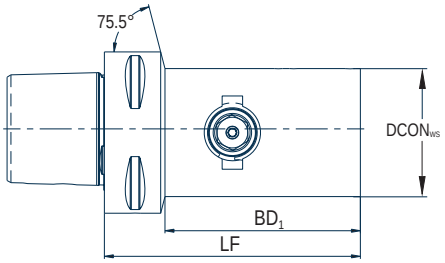




Обозначение	CZCMS	DCONWS	LF
PSC4-PSC4M-85	PSC4	40	85
PSC5-PSC5M-100	PSC5	50	100
PSC6-PSC6M-115	PSC6	63	115
PSC8-PSC8M-145	PSC8	80	145

Переходные адаптеры PSC

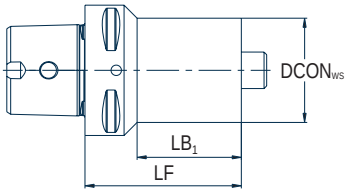




Обозначение	CZCMS	DCONWS	LF	LB1
PSC5-PSC4M-85	PSC5	40	85	60.5
PSC6-PSC5M-100	PSC6	50	100	73
PSC8-PSC6M-120	PSC8	63	120	84.5
PSC10-PSC8M-150	PSC100	80	150	108

Переходные адаптеры PSC

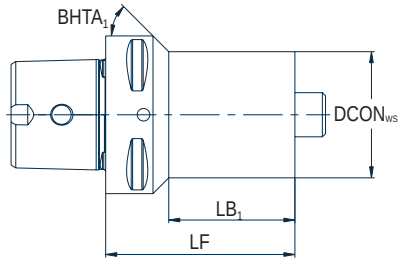




Обозначение	CZCMS	DCONWS	LF	LB1
PSC4-PSC3-55	PSC4	32	55	31
PSC4-PSC3-120	PSC4	32	120	95.7
PSC5-PSC3-60	PSC5	32	60	34.8
PSC5-PSC3-120	PSC5	32	120	94.4
PSC5-PSC4-65	PSC5	40	65	40
PSC5-PSC4-140	PSC5	40	140	115.5
PSC6-PSC3-70	PSC6	32	70	39
PSC6-PSC3-125	PSC6	32	125	95.6
PSC6-PSC4-80	PSC6	40	80	51.4
PSC6-PSC4-145	PSC6	40	145	116.7
PSC6-PSC5-80	PSC6	50	80	51.5
PSC6-PSC5-175	PSC6	50	175	148.1
PSC8-PSC3-60	PSC8	32	60	20.7
PSC8-PSC3-135	PSC8	32	135	95.7
PSC8-PSC4-70	PSC8	40	70	31.4
PSC8-PSC4-155	PSC8	40	155	116.4
PSC8-PSC5-80	PSC8	50	80	42.8
PSC8-PSC5-185	PSC8	50	185	147.8
PSC8-PSC6-80	PSC8	63	80	44.5
PSC8-PSC6-200	PSC8	63	200	164.5
PSC10-PSC6-200	PSC10	63	200	155.8
PSC10-PSC8-200	PSC10	80	200	158.1

Переходные адаптеры PSC

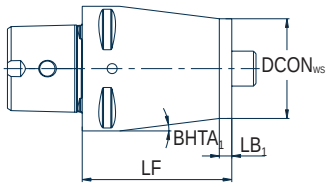




Обозначение	CZCMS	DCONWS	LF	LB1	BHTA1
PSC8-PSC6-120	PSC8	63	120	10	6°
PSC10-PSC3-85	PSC10	32	85	36.7	71°
PSC10-PSC4-90	PSC10	40	90	42.7	71°
PSC10-PSC5-95	PSC10	50	95	49.1	70°
PSC10-PSC6-95	PSC10	63	95	50.8	68°
PSC10-PSC8-100	PSC10	80	100	58.1	63°

Переходные адаптеры PSC

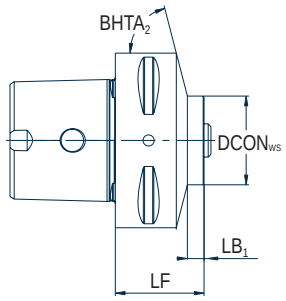




Обозначение	CZCMS	DCONWS	LF	LB1	BHTA1
PSC4-PSC3-70	PSC4	32	70	10	6°
PSC5-PSC3-150	PSC5	32	150	5	4°
PSC5-PSC4-85	PSC5	40	85	10	5°
PSC6-PSC3-185	PSC6	32	185	5	6°
PSC6-PSC4-185	PSC6	40	185	5	4°
PSC6-PSC5-110	PSC6	50	110	10	5°
PSC8-PSC4-200	PSC8	40	200	5	7°
PSC8-PSC5-200	PSC8	50	200	5	5°

Переходные адаптеры PSC

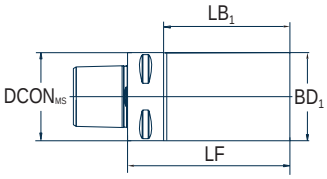




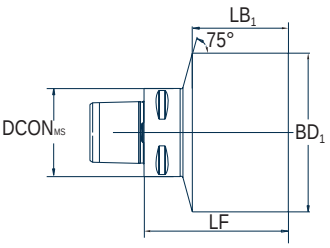
Обозначение	CZCMS	DCONWS	LF	LB1	BHTA1
PSC5-PSC3-33	PSC5	32	33	5	0°
PSC5-PSC4-40	PSC5	40	40	15	0°
PSC6-PSC3-32	PSC6	32	32	6	0°
PSC6-PSC4-40	PSC6	40	40	11	0°
PSC6-PSC5-50	PSC6	50	50	20	0°
PSC8-PSC5-45	PSC8	50	45	5	0°
PSC8-PSC6-55	PSC8	63	55	15	0°
PSC10-PSC6-55	PSC10	63	55	14	75°
PSC10-PSC8-65	PSC10	80	65	25.4	70°

Заготовки PSC





Тип 1



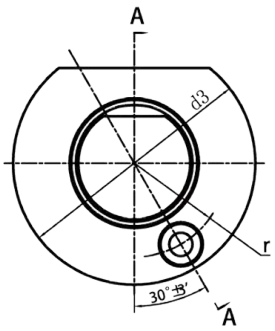
Тип 2

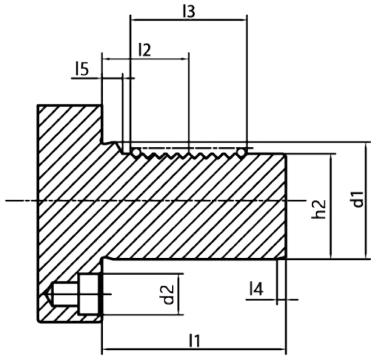
Обозначение	DCONMS	BD1	LF	LB1	Тип
CA32-BB032-90	32	32	90	-	I
CA32-BB060-90	32	60	90	75	II
CA40-BB040-95	40	40	95	-	I
CA40-BB060-165	40	60	165	145	II
CA40-BB080-75	40	80	75	55	II
CA40-BB100-85	40	100	85	65	II
CA50-BB050-125	50	50	125	-	I
CA50-BB075-175	50	75	175	155	II
CA50-BB090-80	50	90	80	60	II
CA50-BB110-90	50	110	90	70	II
CA63-BB075-85	63	75	85	63	II
CA63-BB075-195	63	75	195	173	II
CA63-BB110-85	63	110	85	63	II
CA63-BB110-120	63	110	120	98	II
CA63-BB110-160	63	110	160	138	II
CA63-BB130-95	63	130	95	73	II
CA80-BB080-200	80	80	200	-	II
CA80-BB130-95	80	130	95	65	II
CA80-BB135-115	80	135	115	85	II
CA100-BB100-200	100	100	200	-	I
CA100-BB160-120	100	160	120	84	II

Система VDI

Стандартные параметры конуса VDI

DIN 69880

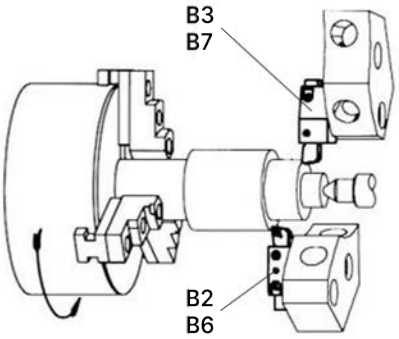




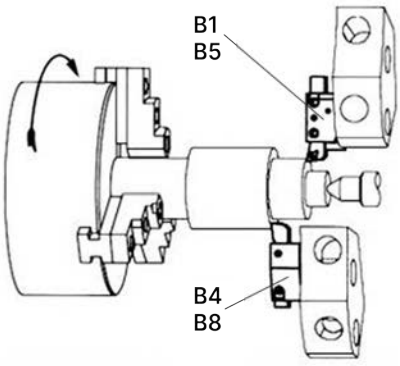
d1 H6	h1 макс.	d2	d3	h2 ±0.1	r ±0.02	l1 макс.	l2 ±0.05	l3 мин.	l4 макс.	l5
16	12	8	40	15.0	14.5	32	12.7	16	2	3.5
20	16	10	50	18.0	18.0	40	21.7	24	2	7.0
25	16	10	58	23.5	21.0	48	21.7	24	2	7.0
30	20	14	68	27.0	25.0	55	29.7	40	2	7.0
40	25	14	83	36.0	32.0	63	29.7	40	3	7.0
50	32	16	98	45.0	37.0	78	35.7	48	3	8.0
60	32	16	123	55	48	94	43.7	56	4	10
80	40	20	158	72	65	124	49.7	80	4	10

Схемы расположения блоков VDI

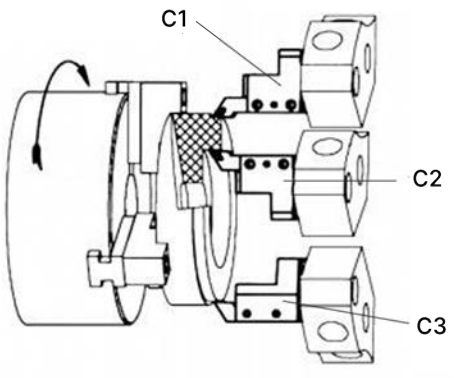
Радиальный блок - левое вращение шпинделя



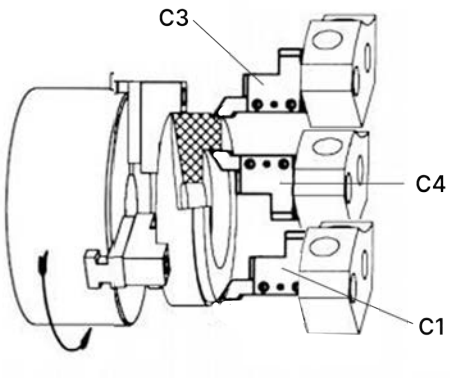
Радиальный блок - правое вращение шпинделя



Осевой блок - левое вращение шпинделя

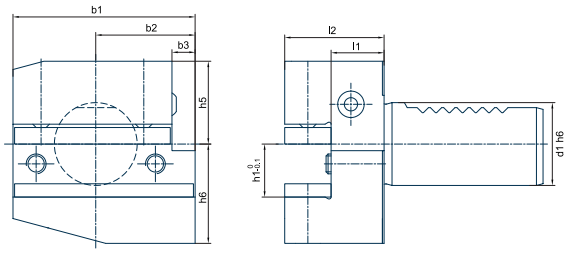


Осевой блок - правое вращение шпинделя



Радиальные блоки VDI, форма B1, правые, короткие

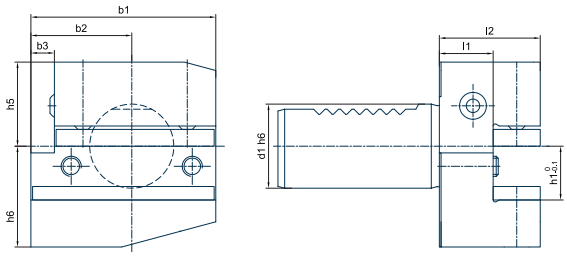




Обозначение	d1	b1	b2	b3	h1	h5	h6	l1	l2
B1-16x12x24	16	42	23	5	12	20	22	13	24
B1-16x12x34	16	42	23	5	12	20	22	23	34
B1-20x16x30	20	55	30	7	16/12	25	30	16	30
B1-20x16x40	20	55	30	7	16/12	25	30	26	40
B1-25x16x30	25	55	30	7	16/12	25	30	16	30
B1-25x16x40	25	55	30	7	16/12	25	30	26	40
B1-30x20x40	30	70	35	10	20/16	28	38	22	40
B1-30x20x60	30	70	35	10	20/16	28	38	42	60
B1-40x25x44	40	85	42.5	12.5	25/20	32.5	48	22	44
B1-50x32x55	50	100	50	16	32/25	35	60	30	55
B1-60x32x60	60	125	62.5	16	32/25	42.5	62.5	30	60
B1-80x40x75	80	160	80	20	40/32	55	80	40	75

Радиальные блоки VDI, форма B2, левые, короткие

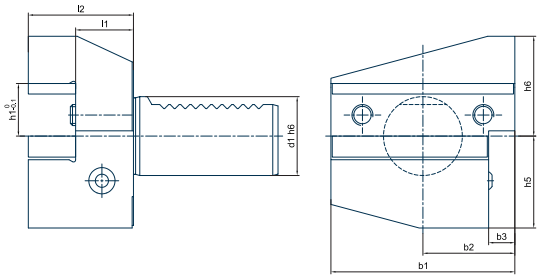




Обозначение	d1	b1	b2	b3	h1	h5	h6	l1	l2
B2-16x12x24	16	42	23	5	12	20	22	13	24
B2-16x12x34	16	42	23	5	12	20	22	23	34
B2-20x16x30	20	55	30	7	16/12	25	30	16	30
B2-20x16x40	20	55	30	7	16/12	25	30	26	40
B2-25x16x30	25	55	30	7	16/12	25	30	16	30
B2-25x16x40	25	55	30	7	16/12	25	30	26	40
B2-30x20x40	30	70	35	10	20/16	28	38	22	40
B2-30x20x60	30	70	35	10	20/16	28	38	42	60
B2-40x25x44	40	85	42.5	12.5	25/20	32.5	48	22	44
B2-50x32x55	50	100	50	16	32/25	35	60	30	55
B2-60x32x60	60	125	62.5	16	32/25	42.5	62.5	30	60
B2-80x40x75	80	160	80	20	40/32	55	80	40	75

Радиальные блоки VDI, форма B3, перевернутые правые, короткие

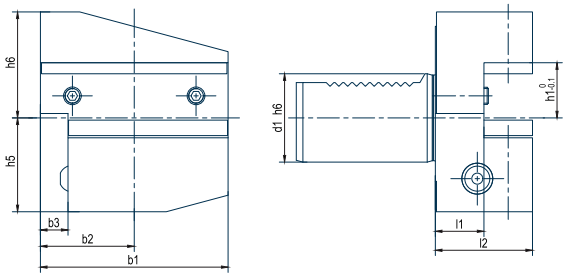




Обозначение	d1	b1	b2	b3	h1	h5	h6	l1	l2
B3-16x12x24	16	42	23	5	12	20	22	13	24
B3-16x12x34	16	42	23	5	12	20	22	23	34
B3-20x16x30	20	55	30	7	16/12	25	30	16	30
B3-20x16x40	20	55	30	7	16/12	25	30	26	40
B3-25x16x30	25	55	30	7	16/12	25	30	16	30
B3-25x16x40	25	55	30	7	16/12	25	30	26	40
B3-30x20x40	30	70	35	10	20/16	35	38	22	40
B3-30x20x60	30	70	35	10	20/16	35	38	42	60
B3-40x25x44	40	85	42.5	12.5	25/20	42.5	48	22	44
B3-50x32x55	50	100	50	16	32/25	50	60	30	55
B3-60x32x60	60	125	62.5	16	32/25	62.5	62.5	30	60
B3-80x40x75	80	160	80	20	40/32	80	80	40	75

Радиальные блоки VDI, форма B4, перевернутые левые, короткие

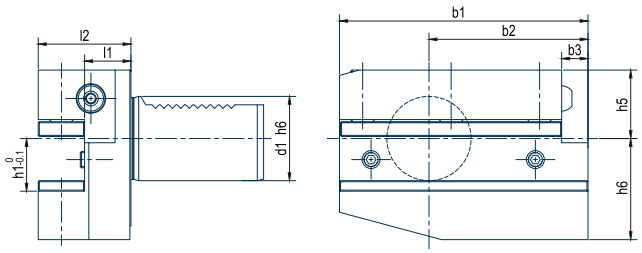




Обозначение	d1	b1	b2	b3	h1	h5	h6	l1	l2
B4-16x12x24	16	42	23	5	12	20	22	13	24
B4-16x12x34	16	42	23	5	12	20	22	23	34
B4-20x16x30	20	55	30	7	16/12	25	30	16	30
B4-20x16x40	20	55	30	7	16/12	25	30	26	40
B4-25x16x30	25	55	30	7	16/12	25	30	16	30
B4-25x16x40	25	55	30	7	16/12	25	30	26	40
B4-30x20x40	30	70	35	10	20/16	35	38	22	40
B4-30x20x60	30	70	35	10	20/16	35	38	42	60
B4-40x25x44	40	85	42.5	12.5	25/20	42.5	48	22	44
B4-50x32x55	50	100	50	16	32/25	50	60	30	55
B4-60x32x60	60	125	62.5	16	32/25	62.5	62.5	30	60
B4-80x40x75	80	160	80	20	40/32	80	80	40	75

Радиальные блоки VDI, форма B5, правые, длинные

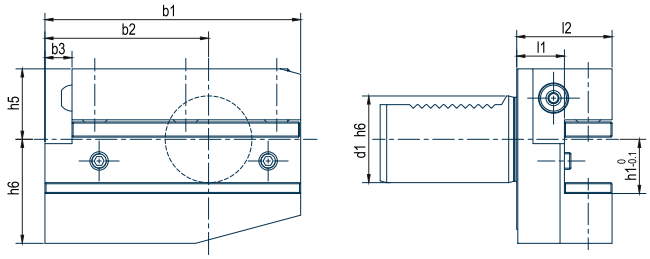




Обозначение	d1	b1	b2	b3	h1	h5	h6	l1	l2
B5-16x12x24	16	58	39	5	12	20	22	13	24
B5-16x12x34	16	58	39	5	12	20	22	23	34
B5-20x16x30	20	75	50	7	16/12	25	30	16	30
B5-20x16x40	20	75	50	7	16/12	25	30	26	40
B5-25x16x30	25	75	50	7	16/12	25	30	16	30
B5-25x16x40	25	75	50	7	16/12	25	30	26	40
B5-30x20x40	30	100	65	10	20/16	28	38	22	40
B5-30x20x60	30	100	65	10	20/16	28	38	42	60
B5-40x25x44	40	118	75.5	12.5	25/20	32.5	48	22	44
B5-50x32x55	50	130	80	16	32/25	35	60	30	55
B5-60x32x60	60	145	82.5	16	32/25	42.5	62.5	30	60
B5-80x40x75	80	190	110	20	40/32	55	80	40	75

Радиальные блоки VDI, форма B6, левые, длинные

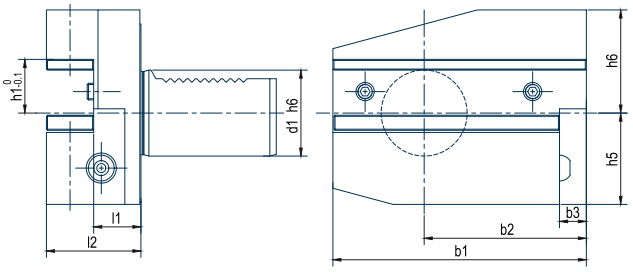




Обозначение	d1	b1	b2	b3	h1	h5	h6	l1	l2
B6-16x12x24	16	58	39	5	12	20	22	13	24
B6-16x12x34	16	58	39	5	12	20	22	23	34
B6-20x16x30	20	75	50	7	16/12	25	30	16	30
B6-20x16x40	20	75	50	7	16/12	25	30	26	40
B6-25x16x30	25	75	50	7	16/12	25	30	16	30
B6-25x16x40	25	75	50	7	16/12	25	30	26	40
B6-30x20x40	30	100	65	10	20/16	28	38	22	40
B6-30x20x60	30	100	65	10	20/16	28	38	42	60
B6-40x25x44	40	118	75.5	12.5	25/20	32.5	48	22	44
B6-50x32x55	50	130	80	16	32/25	35	60	30	55
B6-60x32x60	60	145	82.5	16	32/25	42.5	62.5	30	60
B6-80x40x75	80	190	110	20	40/32	55	80	40	75

Радиальные блоки VDI, форма B7, перевернутые правые, длинные

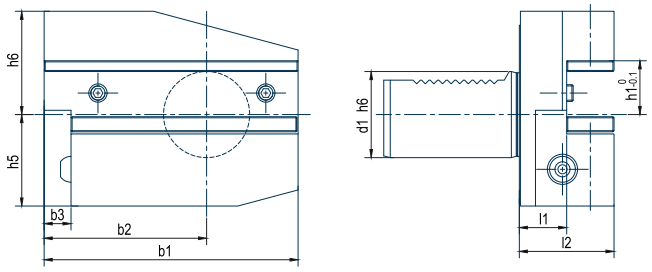




Обозначение	d1	b1	b2	b3	h1	h5	h6	l1	l2
B7-16x12x24	16	58	39	5	5	20	22	13	24
B7-16x12x34	16	58	39	5	5	20	22	23	34
B7-20x16x30	20	75	50	7	7	25	30	16	30
B7-20x16x40	20	75	50	7	7	25	30	26	40
B7-25x16x30	25	75	50	7	7	25	30	16	30
B7-25x16x40	25	75	50	7	7	25	30	26	40
B7-30x20x40	30	100	65	10	10	35	38	22	40
B7-30x20x60	30	100	65	10	10	35	38	42	60
B7-40x25x44	40	118	75.5	12.5	12.5	42.5	48	22	44
B7-50x32x55	50	130	80	16	16	50	60	30	55
B7-60x32x60	60	145	82.5	16	16	62.5	62.5	30	60
B7-80x40x75	80	190	110	20	20	80	80	40	75

Радиальные блоки VDI, форма B8, перевернутые левые, длинные

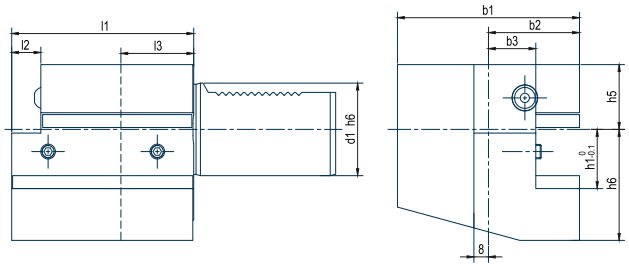




Обозначение	d1	b1	b2	b3	h1	h5	h6	l1	l2
B8-16x12x24	16	58	39	5	12	20	22	13	24
B8-16x12x34	16	58	39	5	12	20	22	23	34
B8-20x16x30	20	75	50	7	16/12	25	30	16	30
B8-20x16x40	20	75	50	7	16/12	25	30	26	40
B8-25x16x30	25	75	50	7	16/12	25	30	16	30
B8-25x16x40	25	75	50	7	16/12	25	30	26	40
B8-30x20x40	30	100	65	10	20/16	35	38	22	40
B8-30x20x60	30	100	65	10	20/16	35	38	42	60
B8-40x25x44	40	118	75.5	12.5	25/20	42.5	48	22	44
B8-50x32x55	50	130	80	16	32/25	50	60	30	55
B8-60x32x60	60	145	82.5	16	32/25	62.5	62.5	30	60
B8-80x40x75	80	190	110	20	40/32	80	80	40	75

Осевые блоки VDI, форма C1, правые

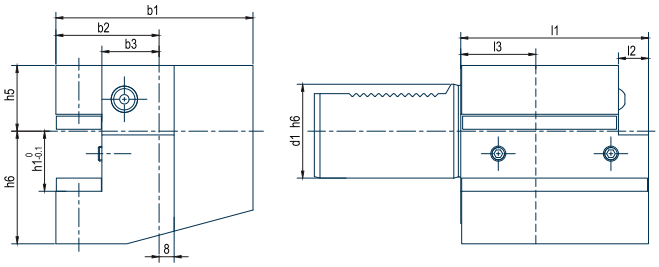




Обозначение	d1	b1	b2	b3	h1	h5	h6	l1	l2	l3
C1-16x12x44	16	43	24	13	12	20	22	44	5	20
C1-20x16x50	20	65	40	26	16/12	25	30	50	-	30
C1-20x16x55	20	52	27	13	16/12	25	30	55	7	30
C1-25x16x55	25	58	33	19	16/12	25	30	55	7	20
C1-30x20x70	30	70	35	17	20/16	28	38	70	10	30
C1-40x25x85	40	85	42.5	21	25/20	32.5	48	85	12.5	30
C1-50x32x100	50	100	50	26	32/25	35	60	100	16	40
C1-60x32x125	60	125	62.5	33	32/25	42.5	62.5	125	16	40
C1-80x40x160	80	160	80	42	40/32	55	80	160	20	40

Осевые блоки VDI, форма C2, левые

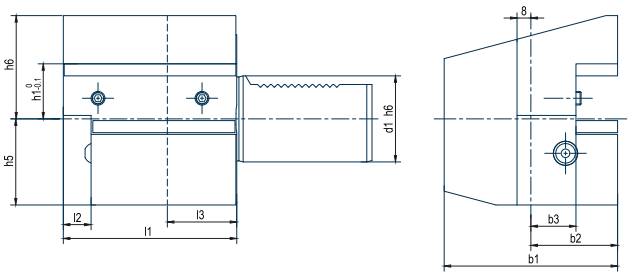




Обозначение	d1	b1	b2	b3	h1	h5	h6	l1	l2	l3
C2-16x12x44	16	43	24	13	12	20	22	44	5	20
C2-20x16x50	20	65	40	26	16/12	25	30	50	-	30
C2-25x16x55	25	58	33	19	16/12	25	30	55	7	20
C2-30x20x70	30	76	41	23	20/16	28	38	70	10	30
C2-40x25x85	40	90	47.5	25.5	25/20	32.5	48	85	12.5	30
C2-50x32x100	50	105	55	30.5	32/25	35	60	100	16	40
C2-60x32x125	60	125	62.5	33	32/25	42.5	62.5	125	16	40
C2-80x40x160	80	160	78	42	40/32	55	80	160	20	40

Осевые блоки VDI, форма C3, перевернутые правые

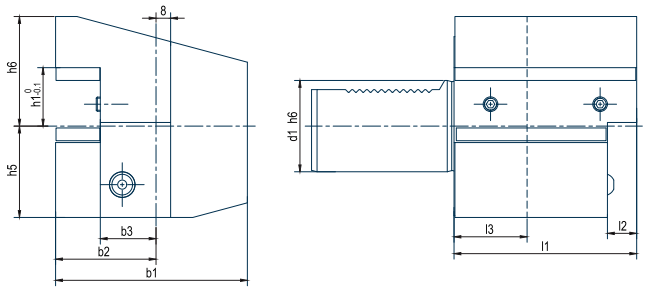




Обозначение	d1	b1	b2	b3	h1	h5	h6	l1	l2	l3
C3-16x12x44	16	43	24	13	12	20	22	44	5	20
C3-20x16x50	20	65	40	26	16/12	25	30	50	-	30
C3-20x16x55	20	52	27	13	16/12	25	30	55	7	30
C3-25x16x55	25	58	33	19	16/12	25	30	55	7	20
C3-30x20x70	30	70	35	17	20/16	35	38	70	10	30
C3-40x25x85	40	85	42.5	21	25/20	42.5	48	85	12.5	30
C3-50x32x100	50	100	50	26	32/25	50	60	100	16	40
C3-60x32x125	60	125	62.5	33	32/25	62.5	62.5	125	16	40
C3-80x40x160	80	160	80	42	40/32	80	80	160	20	40

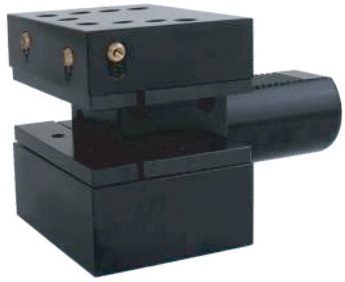
Осевые блоки VDI, форма C4, перевернутые левые

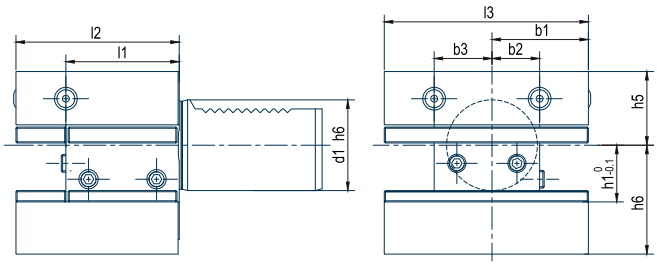




Обозначение	d1	b1	b2	b3	h1	h5	h6	l1	l2	l3
C4-16x12x44	16	43	24	13	12	20	22	44	5	20
C4-20x16x50	20	65	40	26	16/12	25	30	50	-	30
C4-25x16x55	25	58	33	19	16/12	25	30	55	7	20
C4-30x20x70	30	76	41	23	20/16	35	38	70	10	30
C4-40x25x85	40	90	47.5	25.5	25/20	42.5	48	85	12.5	30
C4-50x32x100	50	105	55	30.5	32/25	50	60	100	16	40
C4-60x32x125	60	125	62.5	33	32/25	62.5	62.5	125	16	40
C4-80x40x160	80	160	78	42	40/32	80	80	160	20	40

Прямоугольные блоки VDI с несколькими посадочными гнездами, форма D1

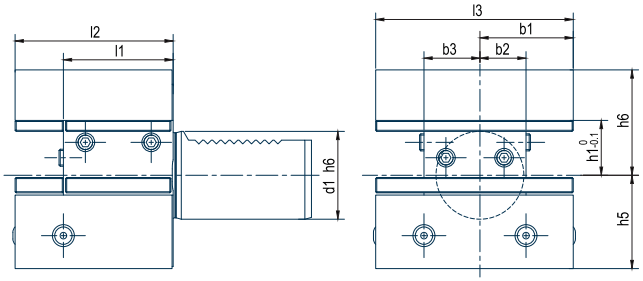




Обозначение	d1	b1	b2	b3	h1	h5	h6	l1	l2	l3
D1-25x16x48	25	33	19	19	16/12	25	30	34	48	66
D1-30x20x60	30	35	17	23	20/16	28	38	42	60	76
D1-40x25x72	40	42.5	21	25.5	25/20	32.5	48	50	72	90
D1-50x32x85	50	50	26	30.5	32/25	35	60	60	85	105
D1-60x32x110	60	57.5	33	33	32/25	42.5	62.5	85	110	115
D1-80x40x140	80	76	42	42	40/32	55	80	105	140	152

Прямоугольные блоки VDI с несколькими посадочными гнездами, форма D2, перевернутые

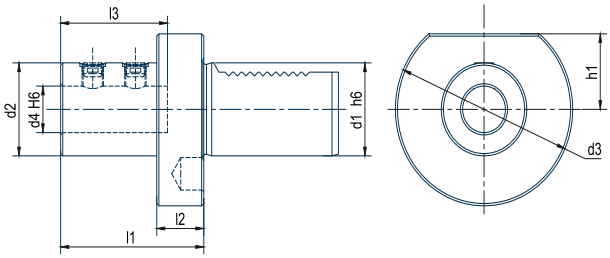




Обозначение	d1	b1	b2	b3	h1	h5	h6	l1	l2	l3
D2-25x16x48	25	33	19	19	16/12	25	30	34	48	66
D2-30x20x60	30	35	17	23	20/16	35	38	42	60	76
D2-40x25x72	40	42.5	21	25.5	25/20	42.5	48	50	72	90
D2-50x32x85	50	50	26	30.5	32/25	50	60	60	85	105
D2-60x32x110	60	57.5	33	33	32/25	62.5	62.5	85	110	115
D2-80x40x140	80	76	42	42	40/32	80	80	105	140	152

Адаптеры VDI для сверл, форма E1

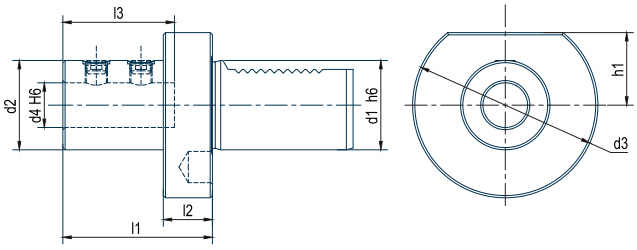




Обозначение	d1	d2	d3	d4	h1	l1	l2	l3
E1-20x16	20	36	50	16	-	67	18	54
E1-20x20	20	40	50	20	-	67	18	54
E1-20x25	20	45	50	25	-	71	18	59
E1-25x16	25	36	58	16	25	67	18	54
E1-25x20	25	40	58	20	25	67	18	54
E1-25x25	25	45	58	25	25	71	18	59
E1-25x32	25	52	58	32	25	75	18	63
E1-30x16	30	36	68	16	28	67	22	54
E1-30x20	30	40	68	20	28	67	22	54
E1-30x25	30	45	68	25	28	71	22	58
E1-30x32	30	52	68	32	28	75	22	61
E1-30x40	30	65	68	40	28	90	22	72
E1-40x16	40	36	83	16	32.5	67	22	54
E1-40x20	40	40	83	20	32.5	67	22	54
E1-40x25	40	45	83	25	32.5	75	22	59
E1-40x32	40	52	83	32	32.5	75	22	61
E1-40x40	40	65	83	40	32.5	90	22	73
E1-40x50	40	75	83	50	32.5	100	22	83

Адаптеры VDI для сверл, форма E1

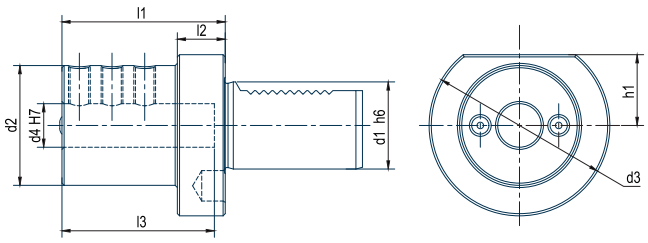




Обозначение	d1	d2	d3	d4	h1	l1	l2	l3
E1-50x16	50	36	98	16	35	80	30	54
E1-50x20	50	40	98	20	35	80	30	54
E1-50x25	50	45	98	25	35	80	30	59
E1-50x32	50	52	98	32	35	80	30	63
E1-50x40	50	65	98	40	35	90	30	73
E1-50x50	50	75	98	50	35	100	30	83
E1-60x16	60	36	123	16	42.5	80	30	54
E1-60x20	60	40	123	20	42.5	80	30	54
E1-60x25	60	45	123	25	42.5	80	30	59
E1-60x32	60	52	123	32	42.5	80	30	63
E1-60x40	60	65	123	40	42.5	90	30	73
E1-60x50	60	75	123	50	42.5	100	30	83
E1-80x20	80	40	158	20	55	80	30	54
E1-80x25	80	45	158	25	55	80	30	59
E1-80x32	80	52	158	32	55	80	30	63
E1-80x40	80	65	158	40	55	90	30	73
E1-80x50	80	75	158	50	55	100	30	83

Расточные адаптеры VDI, форма E2

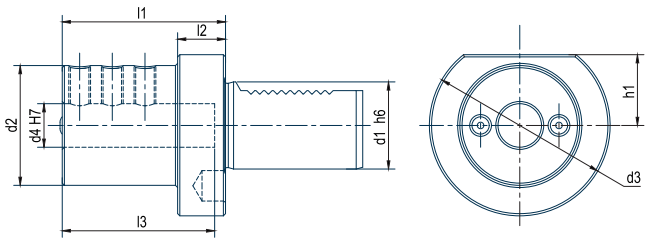




Обозначение	d1	d2	d3	d4	h1	l1	l2	l3
E2-16x6	16	32	40	6	18	44	13	34
E2-16x8	16	32	40	8	18	44	13	34
E2-16x10	16	32	40	10	18	44	13	34
E2-16x12	16	40	40	12	18	44	13	34
E2-16x16	16	40	40	16	18	44	13	34
E2-20x6	20	40	50	6	23	50	18	42
E2-20x8	20	40	50	8	23	50	18	42
E2-20x10	20	40	50	10	23	50	18	42
E2-20x12	20	40	50	12	23	50	18	42
E2-20x16	20	42	50	16	23	50	18	42
E2-20x20	20	49	50	20	23	50	18	42
E2-20x25	20	49	50	25	23	60	18	52
E2-25x8	25	40	58	8	25	50	18	41
E2-25x10	25	40	58	10	25	50	18	41
E2-25x12	25	40	58	12	25	50	18	41
E2-25x16	25	40	58	16	25	50	18	41
E2-25x20	25	58	58	20	25	50	18	41
E2-25x25	25	58	58	25	25	60	18	51
E2-25x32	25	58	58	32	25	75	18	62

Расточные адаптеры VDI, форма E2

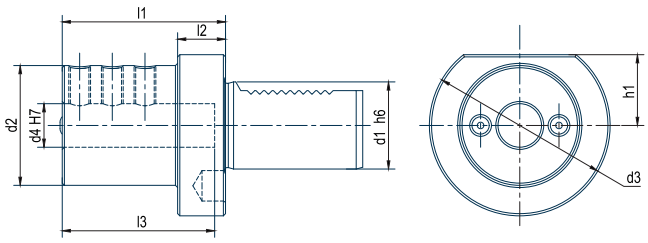




Обозначение	d1	d2	d3	d4	h1	l1	l2	l3
E2-30x6	30	55	68	6	28	60	22	43
E2-30x8	30	55	68	8	28	60	22	43
E2-30x10	30	55	68	10	28	60	22	43
E2-30x12	30	55	68	12	28	60	22	43
E2-30x16	30	55	68	16	28	60	22	55
E2-30x20	30	55	68	20	28	60	22	54
E2-30x25	30	55	68	25	28	60	22	54
E2-30x30	30	67	68	30	28	75	22	61
E2-30x32	30	67	68	32	28	75	22	61
E2-40x8	40	55	83	8	32.5	75	22	43
E2-40x10	40	55	83	10	32.5	75	22	43
E2-40x12	40	55	83	12	32.5	75	22	58
E2-40x16	40	55	83	16	32.5	75	22	61
E2-40x20	40	55	83	20	32.5	75	22	61
E2-40x25	40	55	83	25	32.5	75	22	61
E2-40x30	40	82	83	30	32.5	75	22	61
E2-40x32	40	82	83	32	32.5	75	22	61
E2-40x40	40	82	83	40	32.5	90	22	76
E2-50x12	50	68	98	12	35	90	30	71
E2-50x16	50	68	98	16	35	90	30	76
E2-50x20	50	68	98	20	35	90	30	76
E2-50x25	50	68	98	25	35	90	30	76
E2-50x30	50	69	98	30	35	90	30	76
E2-50x32	50	69	98	32	35	90	30	76
E2-50x40	50	98	98	40	35	90	-	76
E2-50x50	50	98	98	50	35	100	-	86

Расточные адаптеры VDI, форма E2

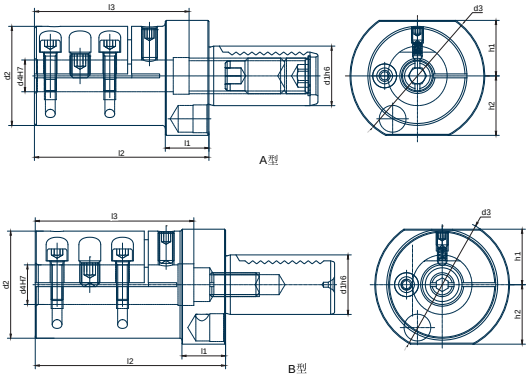




Обозначение	d1	d2	d3	d4	h1	l1	l2	l3
E2-60x16	60	68	123	16	42.5	90	30	76
E2-60x20	60	68	123	20	42.5	90	30	76
E2-60x25	60	68	123	25	42.5	90	30	76
E2-60x30	60	68	123	30	42.5	90	30	76
E2-60x32	60	68	123	32	42.5	90	30	76
E2-60x40	60	98	123	40	42.5	90	30	76
E2-60x50	60	98	123	50	42.5	100	30	86
E2-80x20	80	68	158	20	55	100	30	86
E2-80x25	80	68	158	25	55	100	30	86
E2-80x32	80	68	158	32	55	100	30	86
E2-80x40	80	98	158	40	55	100	30	86
E2-80x50	80	98	158	50	55	100	30	92
E2-80x60	80	98	158	60	55	100	30	92

Адаптеры VDI для расточных державок, форма E2S

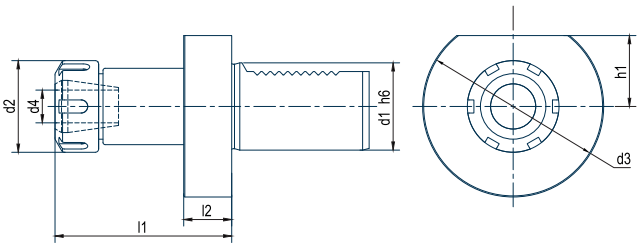




Обозначение	d1	d2	d3	d4	h1	h2	l1	l2	l3	T
E2S-30x6	30	32	68	6	28	-	75	22	65	A
E2S-30x8	30	34	68	8	28	-	75	22	65	A
E2S-30x10	30	38	68	10	28	-	75	22	65	A
E2S-30x12	30	38	68	12	28	-	75	22	65	A
E2S-30x16	30	42	68	16	28	30	75	22	70	A
E2S-30x20	30	42	68	20	28	30	75	22	66	B
E2S-30x25	30	48	68	25	28	30	75	22	66	B
E2S-30x32	30	56	68	32	28	30	75	22	65	B
E2S-30x40	30	65	68	40	28	-	75	22	67	B
E2S-40x6	40	32	83	6	32.5	-	75	22	65	A
E2S-40x8	40	34	83	8	32.5	-	75	22	65	A
E2S-40x10	40	38	83	10	32.5	-	75	22	65	A
E2S-40x12	40	38	83	12	32.5	-	75	22	65	A
E2S-40x16	40	42	83	16	32.5	-	75	88	68	A
E2S-40x20	40	42	83	20	32.5	-	85	96	80	A
E2S-40x25	40	48	83	25	32.5	-	85	112	76	B
E2S-40x32	40	56	83	32	32.5	-	85	142	76	B
E2S-40x40	40	65	83	40	32.5	-	97	174	90	B
E2S-50x16	50	42	98	16	35	-	93	103	85	A
E2S-50x20	50	42	98	20	35	-	93	103	85	A
E2S-50x25	50	48	98	25	35	-	98	120	90	A
E2S-50x32	50	56	98	32	35	-	98	150	90	B
E2S-50x40	50	65	98	40	35	-	115	182	105	B
E2S-50x50	50	76	98	50	35	-	125	182	112	B
E2S-60x25	60	48	123	25	42.5	-	98	120	90	A
E2S-60x32	60	56	123	32	42.5	-	98	150	90	A
E2S-60x40	60	65	123	40	42.5	-	115	182	105	B
E2S-60x50	60	76	123	50	42.5	-	125	202	112	B
E2S-60x60	60	96	123	60	42.5	-	-	202	180	B

Цанговые патроны ER (VDI), форма E4

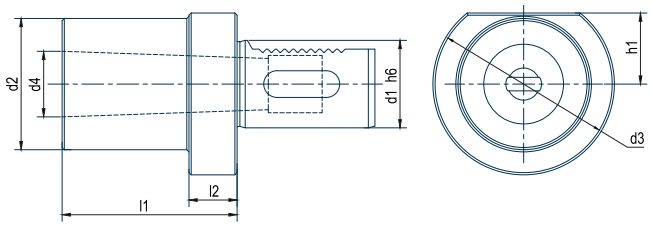




Обозначение	d1	d2	d3	d4	h1	l1	l2
E4-16xER16	16	32	40	1-10	18	44	13
E4-16xER20	16	35	40	1-13	18	44	13
E4-20xER16	20	32	50	1-10	-	44	18
E4-20xER20	20	35	50	1-13	-	59	18
E4-20xER25	20	42	50	2-16	-	65	18
E4-20xER32	20	50	50	2-20	-	67	18
E4-25xER16	25	32	58	1-10	25	44	18
E4-25xER25	25	42	58	2-16	25	58	18
E4-25xER32	25	50	58	2-20	25	63	18
E4-30xER16	30	32	68	1-10	28	48	22
E4-30xER20	30	35	68	1-13	28	59	22
E4-30xER25	30	42	68	2-16	28	57	22
E4-30xER32	30	50	68	2-20	28	78	22
E4-30xER40	30	63	68	3-26	28	80	22
E4-40xER20	40	35	83	1-13	32.5	59	22
E4-40xER25	40	42	83	2-16	32.5	57	22
E4-40xER32	40	50	83	2-20	32.5	78	22
E4-40xER40	40	63	83	3-26	32.5	80	22
E4-50xER25	50	42	98	2-16	35	67	30
E4-50xER32	50	50	98	2-20	35	92	30
E4-50xER40	50	63	98	3-26	35	80	30
E4-60xER32	60	50	123	2-20	42.5	78	30
E4-60xER40	60	63	123	3-26	42.5	80	30
E4-80xER40	80	63	158	3-26	55	100	40

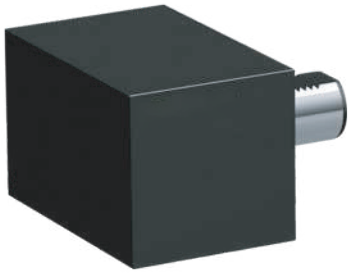
Адаптеры VDI для хвостовиков с конусом Морзе, форма F

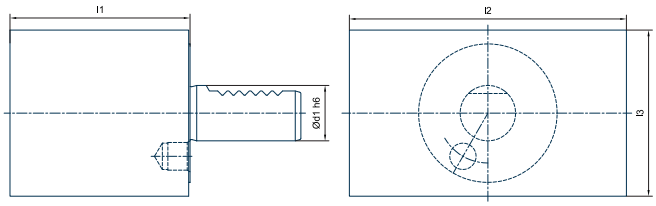




Обозначение	d1	d2	d3	MK	d4	h1	l1	l2
F-30xMT1	30	-	68	1	12.065	28	27	-
F-30xMT2	30	55	68	2	17.78	28	36	27
F-30xMT3	30	55	68	3	23.825	28	66	41
F-40xMT1	40	55	83	1	12.065	32.5	23	22
F-40xMT2	40	55	83	2	17.78	32.5	36	22
F-40xMT3	40	58	83	3	23.825	32.5	36	22
F-40xMT4	40	68	83	4	31.267	32.5	80	22
F-50xMT2	50	55	98	2	17.78	35	36	30
F-50xMT3	50	58	98	3	23.825	35	45	30
F-50xMT4	50	68	98	4	31.267	35	55	30
F-50xMT5	50	75	98	5	44.399	35	72	-
F-60xMT2	60	55	123	2	17.78	42.5	35	30
F-60xMT3	60	58	123	3	23.825	42.5	45	30
F-60xMT4	60	68	123	4	31.267	42.5	55	30
F-60xMT5	60	98	123	5	44.399	42.5	64	30

Прямоугольные заготовки для блоков VDI, форма A1

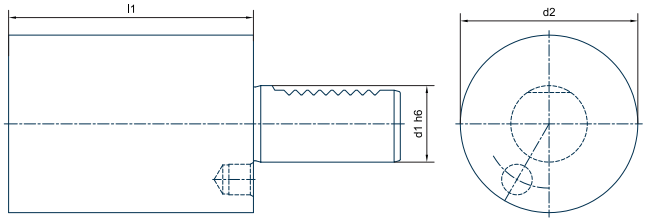




Обозначение	d1	l1	l2	l3
A1-16x44	16	44	78	44
A1-20x65	20	65	100	60
A1-25x75	25	75	100	60
A1-30x85	30	85	130	76
A1-40x100	40	100	151	96
A1-50x125	50	125	160	120
A1-60x160	60	160	165	125
A1-80x200	80	200	220	160

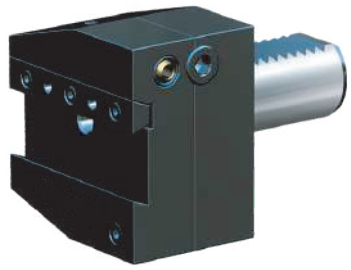
Цилиндрические заготовки, форма A2

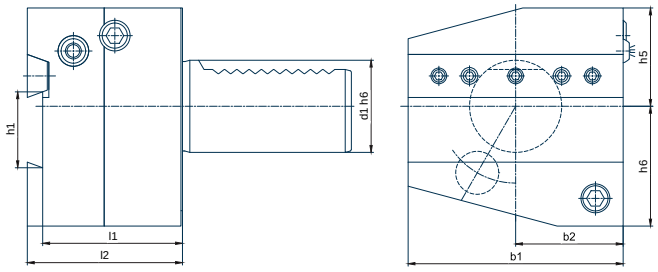




Обозначение	d1	d2	l1
A2-16x60	16	40	60
A2-20x70	20	50	70
A2-25x80	25	58	80
A2-25x200	25	58	200
A2-30x100	30	68	100
A2-30x240	30	68	240
A2-40x120	40	83	120
A2-40x320	40	83	320
A2-50x135	50	98	135
A2-50x400	50	98	400
A2-60x150	60	123	150
A2-60x480	60	123	480
A2-80x500	80	158	500

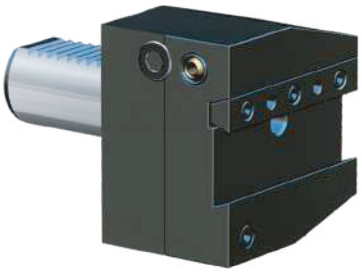
Блоки VDI для отрезных лезвий правые, с регулировкой высоты

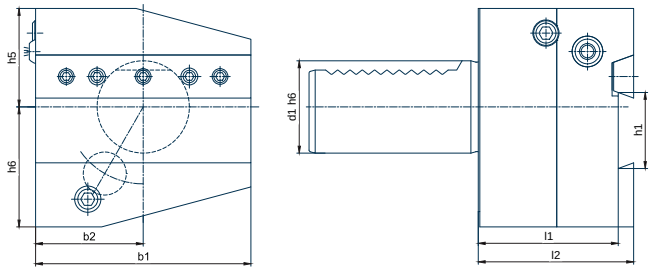




Обозначение	d1	b1	b2	h1	h5	h6	l1	l2
AR2026	20	60	30	26	28	36	44	50
AR2526	25	60	30	26	28	36	44	50
AR3026	30	70	35	26	32	39	44	50
AR4026	40	85	42.5	26	43	41.5	44	50
AR4032	40	85	42.5	32	43	41.5	44	50
AR5026	50	100	50	26	43	45	44	50
AR5032	50	100	50	32	43	45	44	50
AR6032	60	125	62.5	32	48	55	44	50

Блоки VDI для отрезных лезвий левые, с регулировкой высоты

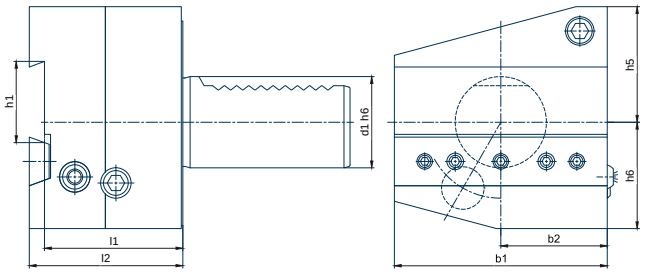




Обозначение	d1	b1	b2	h1	h5	h6	l1	l2
AL2026	20	60	30	26	28	36	44	50
AL2526	25	60	30	26	32	36	44	50
AL3026	30	70	35	26	32	39	44	50
AL4026	40	85	42.5	26	43	41.5	44	50
AL4032	40	85	42.5	32	43	41.5	44	50
AL5026	50	100	50	26	43	45	44	50
AL5032	50	100	50	32	43	45	44	50
AL6032	60	125	62.5	32	48	55	44	50

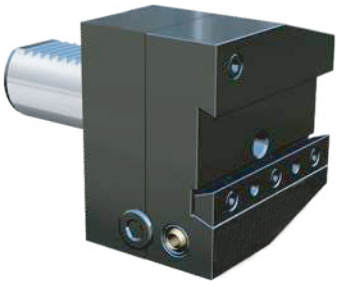
Блоки VDI для отрезных лезвий перевернутые правые, с регулировкой высоты

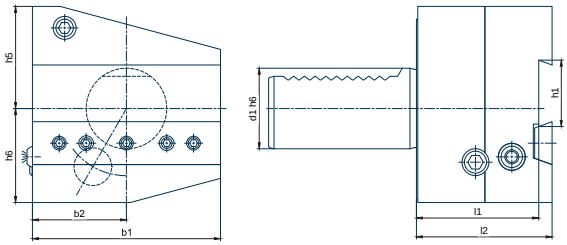




Обозначение	d1	b1	b2	h1	h5	h6	l1	l2
ARU2526	25	60	30	26	36	28	44	50
ARU3026	30	70	35	26	38	35	44	50
ARU4026	40	85	42.5	26	43	41.5	44	50
ARU4032	40	85	42.5	32	43	41.5	44	50
ARU5026	50	100	50	26	43	45	44	50
ARU5032	50	100	50	32	43	45	44	50
ARU6032	60	125	62.5	32	48	55	44	50

Блоки VDI для отрезных лезвий перевернутые левые, с регулировкой высоты

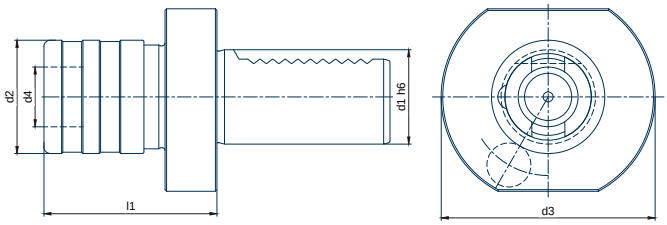




Обозначение	d1	b1	b2	h1	h5	h6	l1	l2
ALU2526	25	60	30	26	36	28	44	50
ALU3026	30	70	35	26	38	35	44	50
ALU4026	40	85	42.5	26	43	41.5	44	50
ALU4032	40	85	42.5	32	43	41.5	44	50
ALU5026	50	100	50	26	43	45	44	50
ALU5032	50	100	50	32	43	45	44	50
ALU6032	60	125	62.5	32	48	55	44	50

Быстросменные резьбонарезные патроны

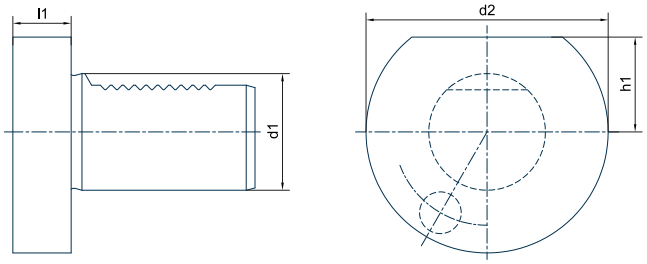




Обозначение	Втулка	d1	d2	d3	d4	l1
VDI20-TC312-55	1	20	38	50	19	55
VDI30-TC312-55	1	30	38	68	19	55
VDI30-TC820-77	2	30	55	68	31	77
VDI40-TC312-55	1	40	38	83	19	55
VDI40-TC820-77	2	40	55	83	31	77
VDI40-TC1433-110	3	40	79	83	48	110
VDI50-TC312-55	1	50	38	98	19	55
VDI50-TC820-77	2	50	55	98	31	77
VDI50-TC1433-110	3	50	79	98	48	110

Защитные заглушки VDI, форма Z2





Стальная заглушка

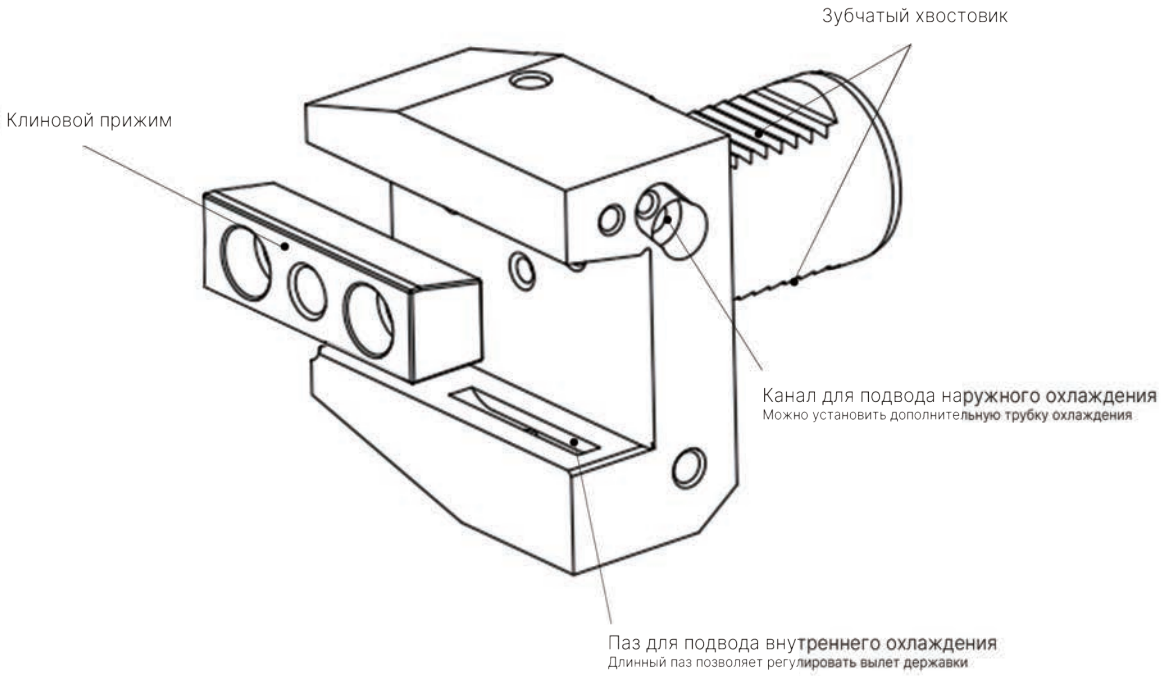
Обозначение	d1	d2	h1	l1
Z2-16x13S	16	40	18	13
Z2-20x16S	20	50	23	16
Z2-25x16S	25	58	25	16
Z2-30x16S	30	68	28	16
Z2-40x20S	40	83	32.5	20
Z2-50x20S	50	98	35	20
Z2-60x20S	60	123	42.5	20

Пластиковая заглушка

Обозначение	d1	d2	h1	l1
Z2-16x13P	16	40	18	13
Z2-20x16P	20	50	23	16
Z2-25x16P	25	58	25	16
Z2-30x16P	30	68	28	16
Z2-40x20P	40	83	32.5	20
Z2-50x20P	50	98	35	20
Z2-60x20P	60	123	42.5	20

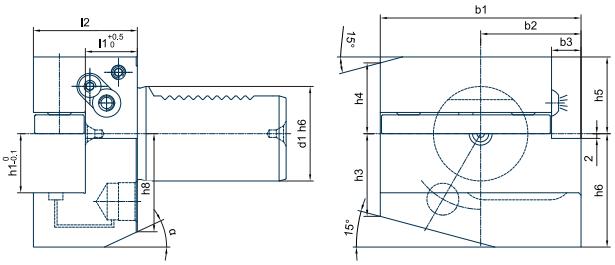
Система VDI с охлаждением

Система VDI с охлаждением



Радиальные блоки VDI B1A, короткие, с охлаждением

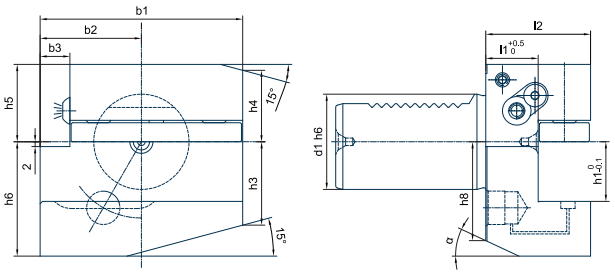




Обозначение	b1	b2	b3	l1	h3	h4	h5	h6	h8	α
B1A-161234	42	23	5	23	15	15	20	22	19	30°
B1A-201640	55	30	7	26	19	19	25	30	23	30°
B1A-252040	70	35	10	22	26	22	28	38	30	25°
B1A-302040	70	35	10	22	26	22	28	38	30	25°
B1A-402544	85	42.5	12.5	22	35	30	32.5	48	43	30°
B1A-502544	85	42.5	12.5	22	43	30	32.5	48	43	30°

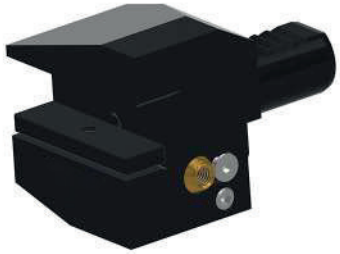
Радиальные блоки VDI B2A , короткие, с охлаждением

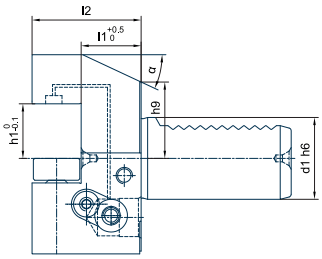


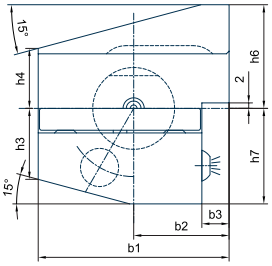


Обозначение	b1	b2	b3	l1	h3	h4	h5	h6	h8	α
B2A-161234	42	23	5	23	15	15	20	22	19	30°
B2A-201640	55	30	7	26	19	19	25	30	23	30°
B2A-252040	70	35	10	22	29.5	22	28	38	30	25°
B2A-302040	70	35	10	22	26	22	28	38	30	25°
B2A-402544	85	42.5	12.5	22	35	30	32.5	48	43	30°
B2A-502544	85	42.5	12.5	22	35	30	32.5	48	43	30°

Радиальные блоки VDI B3A, короткие, с охлаждением



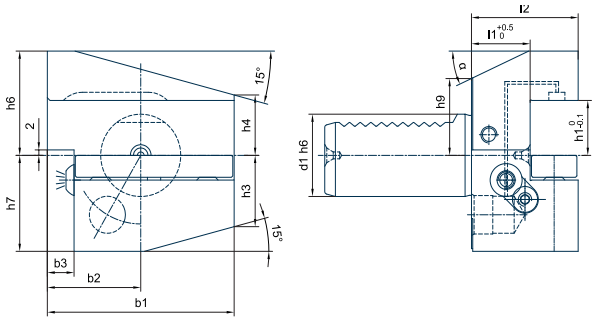




Обозначение	b1	b2	b3	l1	h3	h4	h6	h7	h9	α
B3A-161234	42	23	5	23	15	15	22	20	19	30°
B3A-201640	55	30	7	26	19	19	30	25	23	30°
B3A-302040	70	35	10	22	26	22	38	35	28	25°
B3A-402544	85	42.5	12.5	22	35	30	48	42.5	43	30°
B3A-502544	85	42.5	12.5	22	35	30	48	42.5	43	30°

Радиальные блоки VDI B4A , короткие, с охлаждением

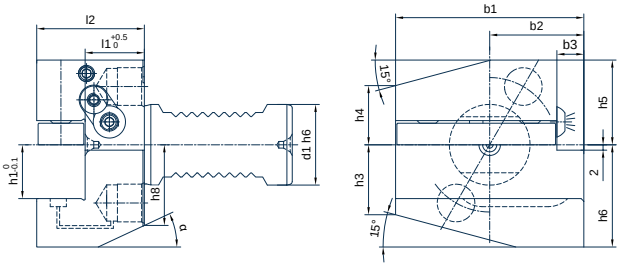




Обозначение	b1	b2	b3	l1	h3	h4	h6	h7	h9	α
B4A-161234	42	23	5	23	15	15	22	20	19	30°
B4A-201640	55	30	7	26	19	19	30	25	23	30°
B4A-302040	70	35	10	22	26	22	38	35	28	25°
B4A-402544	85	42.5	12.5	22	35	30	48	42.5	43	30°
B4A-502544	85	42.5	12.5	22	35	30	48	42.5	43	30°

Радиальные блоки VDI B1B4A , короткие, с охлаждением

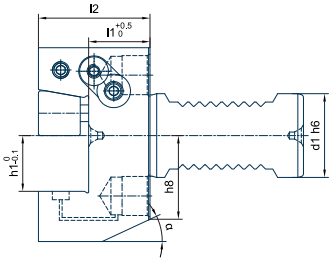


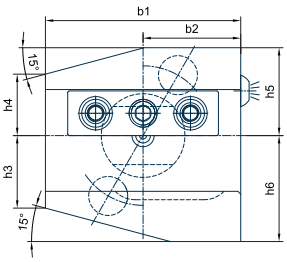


Обозначение	b1	b2	b3	l1	h3	h4	h5	h6	h8	α
B1B4A-302040	70	35	10	22	26	22	31.5	38	30	25°
B1B4A-402544	85	42.5	12.5	22	35	30	38	48	43	30°
B1B4A-502544	85	42.5	12.5	22	43	30	43	48	43	30°

Радиальные блоки VDI B1B4AK, с клиновым прижимом, короткие, с охлаждением



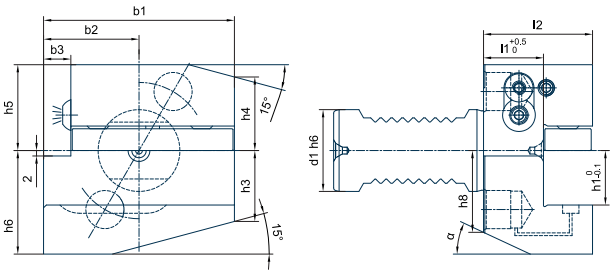




Обозначение	b1	b2	b3	l1	h3	h4	h5	h6	h8	α
B1B4AK-302040	70	35	-	22	26	22	31.5	38	30	25°
B1B4AK-402544	85	42.5	-	22	35	30	38	48	43	30°
B1B4AK-502544	85	42.5	-	22	43	30	43	48	43	30°

Радиальные блоки VDI B2B3A, короткие, с охлаждением

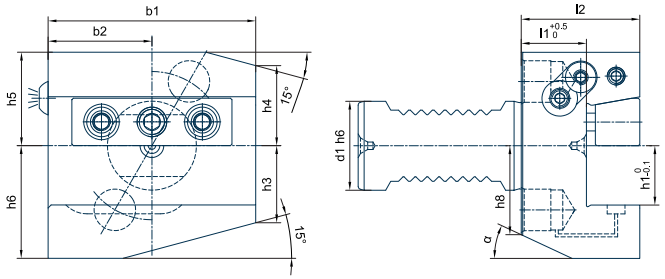




Обозначение	b1	b2	b3	l1	h3	h4	h5	h6	h8	α
B2B3A-302040	70	35	10	22	26	27	31.5	38	30	25°
B2B3A-402544	85	42.5	12.5	22	35	30	38	48	43	30°
B2B3A-502544	85	42.5	12.5	22	35	38	43	48	43	30°

Радиальные блоки VDI B2B3AK, с клиновым прижимом, короткие, с охлаждением

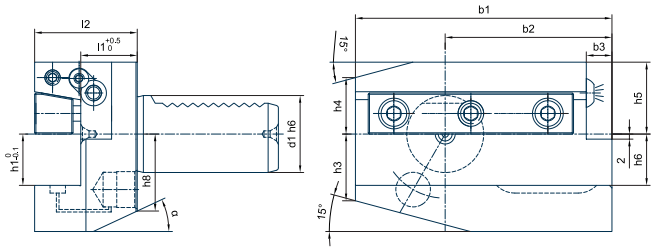




Обозначение	b1	b2	b3	l1	h3	h4	h5	h6	h8	α
B2B3AK-302040	70	35	-	22	26	27	31.5	38	30	25°
B2B3AK-402544	85	42.5	-	22	35	30	38	48	43	30°
B2B3AK-502544	85	42.5	-	22	35	38	43	48	43	30°

Радиальные блоки VDI B5AK, с клиновым прижимом, длинные, с охлаждением

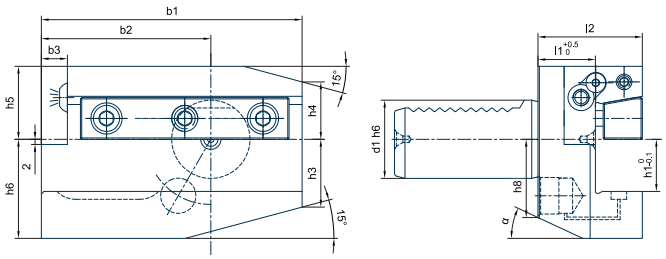




Обозначение	b1	b2	b3	l1	h3	h4	h5	h6	h8	α
B5AK-302040	100	65	10	22	26	22	28	38	30	25°
B5AK-402544	118	75.5	12.5	22	35	30	32.5	48	43	30°
B5AK-503255	130	80	16	30	42	35	35	60	43	30°
B5AK-603260	145	82.5	16	30	46	42.5	42.5	62.5	43	30°

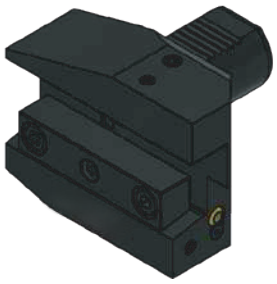
Радиальные блоки VDI B6AK, с клиновым прижимом, длинные, с охлаждением

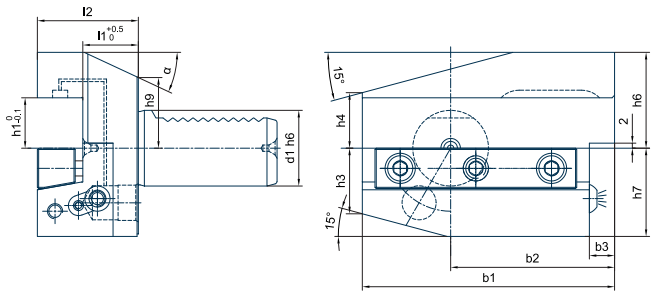




Обозначение	b1	b2	b3	l1	h3	h4	h5	h6	h8	α
B6AK-302040	100	65	10	22	26	22	28	38	30	25°
B6AK-402544	118	75.5	12.5	22	35	30	32.5	48	43	30°
B6AK-503255	130	80	16	30	42	35	35	60	55	30°
B6AK-603260	145	82.5	16	30	46	42.5	42.5	62.5	57	30°

Радиальные блоки VDI B7AK, с клиновым прижимом, длинные, с охлаждением

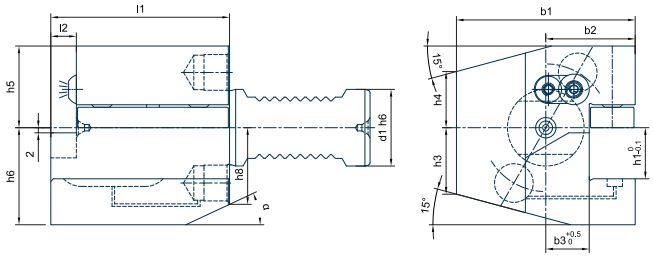




Обозначение	b1	b2	b3	l1	h3	h4	h6	h7	h9	α
B7AK-302040	100	65	10	22	26	22	38	35	28	25°
B7AK-402544	118	75.5	12.5	22	35	30	48	42.5	43	30°
B7AK-503255	130	80	16	30	42	35	60	50	55	30°
B7AK-603260	145	82.5	16	30	46	42.5	62.5	62.5	57	30°

Осевые блоки VDI C1C4A, с охлаждением

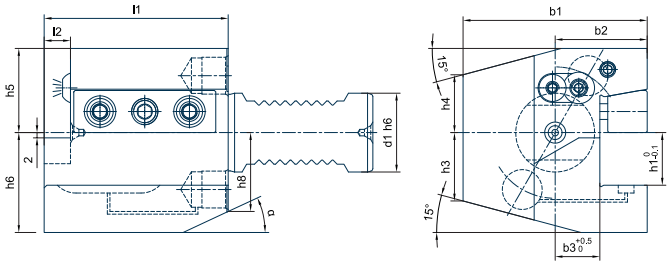




Обозначение	b1	b2	b3	l2	h3	h4	h5	h6	h8	α
C1C4A-161244	43	24	13	5	15	15	24	20	19	30°
C1C4A-201655	52	27	13	7	19	19	25	30	23	30°
C1C4A-252025	58	33	15	7	26	26	28	36	28	15°
C1C4A-302070	70	35	17	10	26	22	32	38	30	25°
C1C4A-402585	85	42.5	21	12.5	35	30	38	48	40	15°
C1C4A-502585	90.5	48	26	12.5	42	35	44	48	43	30°

Осевые блоки VDI C1C4AK, с клиновым прижимом, с охлаждением

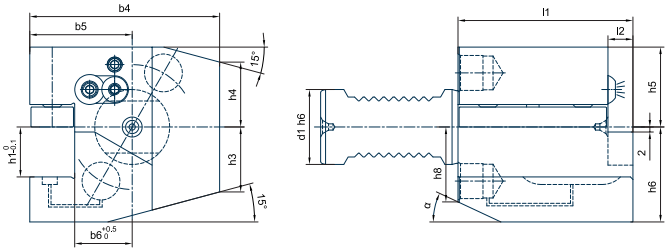




Обозначение	b1	b2	b3	l2	h3	h4	h5	h6	h8	α
C1C4AK-302070	70	35	17	10	26	22	32	38	30	25°
C1C4AK-402585	85	42.5	21	12.5	35	30	38	48	40	15°
C1C4AK-502585	90.5	48	26	12.5	42	35	44	48	43	30°

Осевые блоки VDI C2C3A, с охлаждением

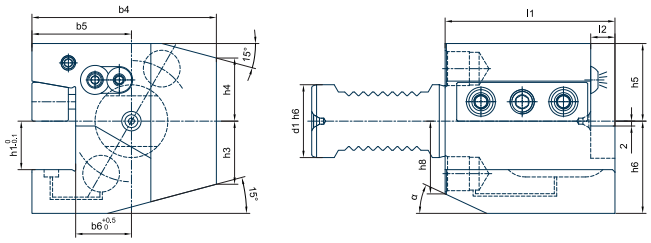




Обозначение	b4	b5	b6	l2	h3	h4	h5	h6	h8	α
C2C3A-161244	43	24	13	5	15	15	20	24	19	30°
C2C3A-201655	58	33	19	7	19	19	25	30	23	30°
C2C3A-252055	62	37	19	7	26	26	28	36	28	15°
C2C3A-302070	76	41	23	10	26	26	32	38	30	25°
C2C3A-402585	90	47.5	25.5	12.5	35	30	38	48	40	15°
C2C3A-502585	95	52.5	30.5	12.5	42	37	44	48	43	30°

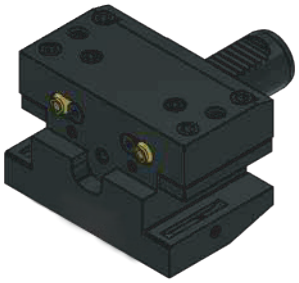
Осевые блоки VDI C2C3AK, с клиновым прижимом, с охлаждением

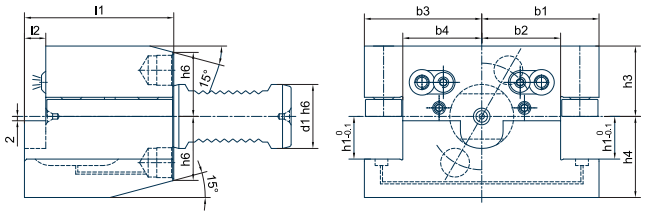




Обозначение	b4	b5	b6	l2	h3	h4	h5	h6	h8	α
C2C3AK-302070	76	41	23	10	26	26	32	38	30	25°
C2C3AK-402585	90	47.5	25.5	12.5	35	30	38	48	40	15°
C2C3AK-502585	95	52.5	30.5	12.5	42	37	44	48	43	30°

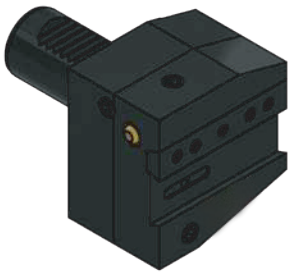
Прямоугольные блоки VDI D1D2A, с охлаждением

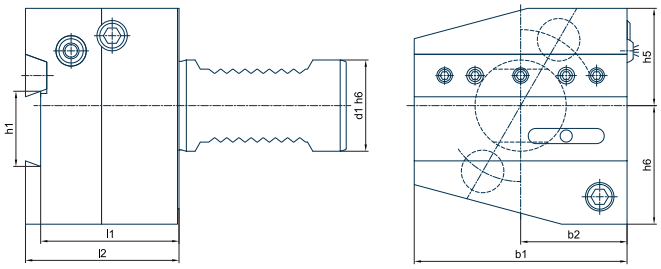




Обозначение	b1	b2	b3	b4	h3	h4	h6	l2	α
D1D2A-252055	37	19	37	19	28	38	28	7	15°
D1D2A-302070	55	37	55	37	33	38	30	10	15°
D1D2A-402585	65	43	65	43	43.5	48	37	12.5	15°

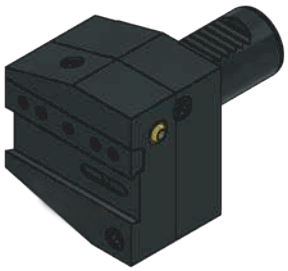
Блоки VDI для отрезных лезвий, с охлаждением

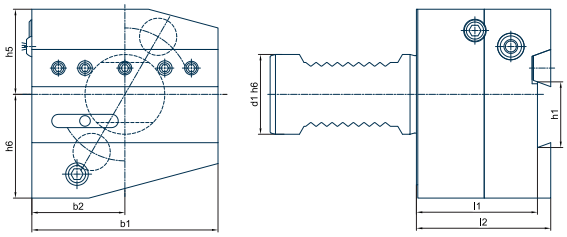




Обозначение	l1	l2	b1	b2	h5	h6
ARALUA-2526	44	50	60	30	28	36
ARALUA-3026	44	50	70	35	32	37
ARALUA-3032	44	50	85	42.5	32	40
ARALUA-4026	44	50	85	42.5	43	40
ARALUA-4032	44	50	85	42.5	43	40
ARALUA-5032	44	50	100	50	43	45

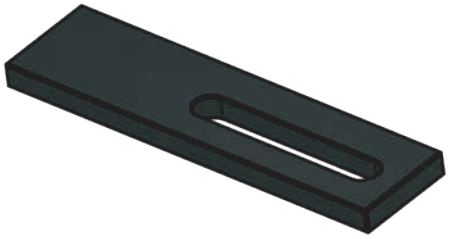
Блоки VDI для отрезных лезвий, с охлаждением

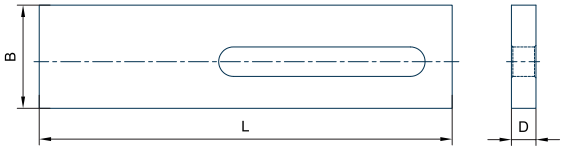




Обозначение	l1	l2	b1	b2	h5	h6
ALARUA-2526	44	50	60	30	28	36
ALARUA-3026	44	50	70	35	32	37
ALARUA-3032	44	50	85	42.5	32	40
ALARUA-4026	44	50	85	42.5	43	40
ALARUA-4032	44	50	85	42.5	43	40
ALARUA-5032	44	50	100	50	43	45

Опорные пластины

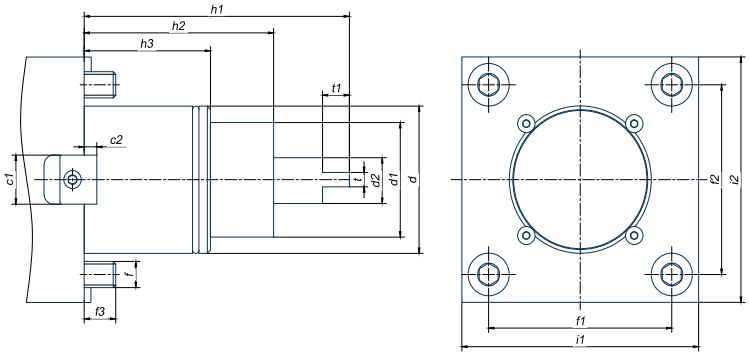




Обозначение	L	B	D
36x10x4	36	10	4
47x13x5	47	13	5
59x17x8	59	17	8
71.5x21x8	71.5	21	8

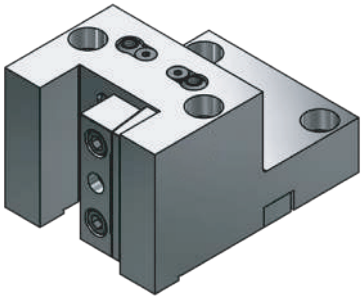
Система ВМТ

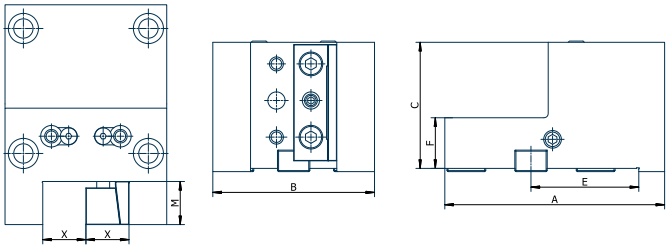
Стандартные параметры блока BMT



Тип	c1	c2	d	d1	d2	f	f1	f2	f3	h1	h2	h3	i1	i2	t	t1
BMT45	15	4	45	35	14	M8	58	58	10	84	60	40	75	75	6	8.5
BMT55	15	4	55	40	16	M10	64	64	14	104	75	30	85	85	8	8.5
BMT65	18	5	65	45	18	M12	70	73	15	112	83	32	94	94	10	14
BMT75	25	5	75	55	23	M12	90	90	15	110	80	43	112	112	14	15
BMT85	25	5	85	65	33.5	M12	100	100	18	140	100	43	125	125	16	20

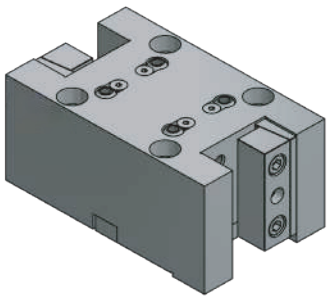
Блоки BMT для наружных державок, наружное охлаждение

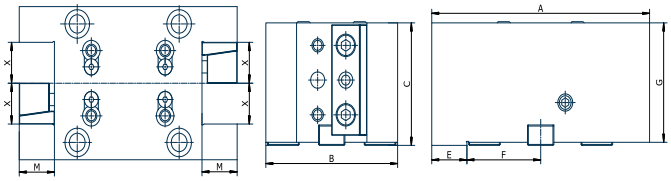




Обозначение	X	A	B	C	E	F	M
BMT45MOD-20-H60	20	105	75	60	-	30	20
BMT65MOD-25-H75	25	131	97	75	55.2	30	25
BMT75MOD-25-H100	25	145.5	112	100	-	30	25
BMT75MOD-32-H85	32	153	120	85	-	35	32
BMT75MOD-32-H100	32	153	120	100	-	35	32
BMT85MOD-32-H75	32	174	124	75	75.5	40	32
BMT85MOD-32-H90	32	168.5	124	90	-	35	32
BMT85MOD-32-H120	32	168.5	124	120	-	50	32

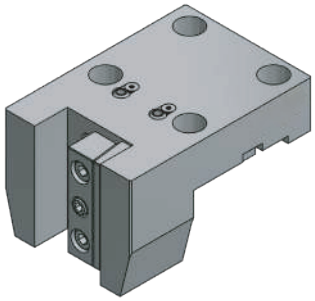
Двойные блоки BMT, для наружных державок

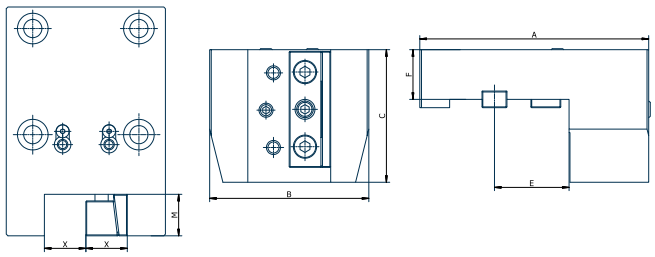




Обозначение	X	A	B	C	E	F	G	M
BMT65MOD-25-H80	25	157	97	80	25.9	55.1	75	25

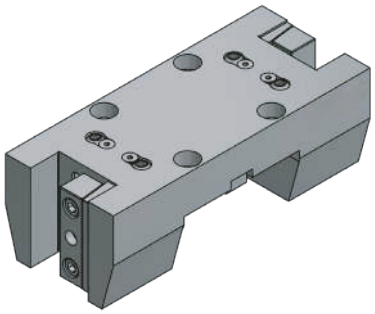
Блоки BMT для подрезки торца

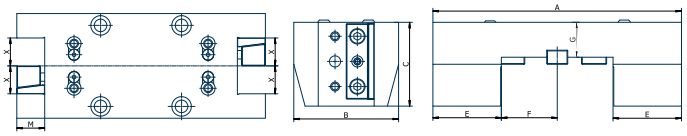




Обозначение	X	A	B	C	E	F	M
BMT55MOD-20-H70	20	134	86	70	50.2	30	20
BMT55MOD-25-H80-E50.2	25	138	90	80	50.2	30	25
BMT55MOD-25-H80-E45.2	25	135	90	80	45.2	30	25
BMT65MOD-25-H80-E50.5	25	141	97	80	50.5	40	25
BMT65MOD-25-H80-E55	25	146	97	80	55	40	25

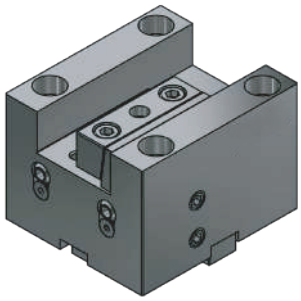
Блоки BMT для расточных державок

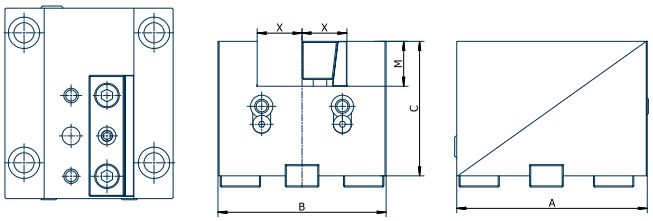




Обозначение	X	A	B	C	E	F	G	M
BMT55MOD-25T-H80-E50.2	25	188	90	80	44	50.2	30	25
BMT55MOD-25T-H80-E45.2	25	178	90	80	44	45.2	30	25

Блоки BMT для подрезки торца

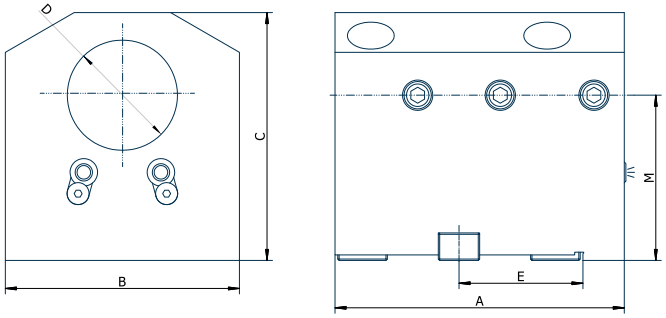




Обозначение	X	A	B	C	M
BMT45F-20-H80	20	86	75	80	20
BMT55F-20-H70	20	95	86	70	20
BMT55F-25-H60	25	95	92	60	25
BMT65F-25-H82.5	25	100	96	82.5	25
BMT65F-25-H120	25	100	94	120	25
BMT75F-25-H122	25	120	112	122	25
BMT75F-32-H122	32	120	120	122	32
BMT85F-32-H107	32	168.5	124	107	32
BMT85F-32-H138	32	168.5	124	138	32

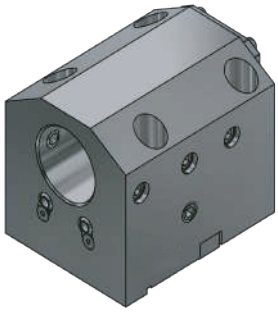
Блоки BMT для расточных державок, наружное охлаждение

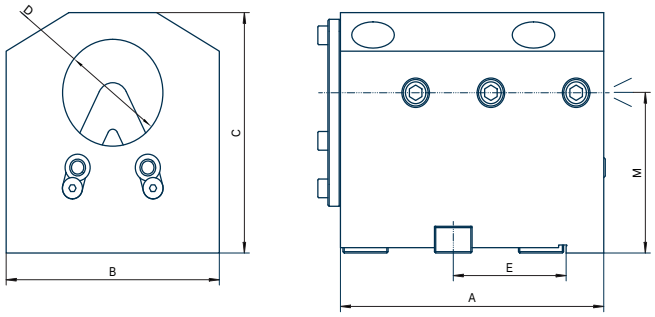




Обозначение	D	A	B	C	E	M
BMT45MID-25-NH65	25	95	75	88	-	65
BMT55MID-32-NH60	32	105	86	90	-	60
BMT55MID-40-NH60	40	105	86	90	-	60
BMT55MID-32-NH70	32	105	86	100	-	70
BMT55MID-40-NH70	40	105	86	100	-	70
BMT65MID-32-NH72	32	126	95	112	55	72
BMT65MID-40-NH72	40	126	95	112	55	72
BMT65MID-40-NH85	40	126	95	120	55	85
BMT65MID-40-NH100	40	126	95	140	55	100
BMT65MID-40-NH105	40	126	95	145	55	105
BMT65MID-40-NH115	40	126	95	155	55	115
BMT65MID-50-NH72	50	126	95	116	55	72
BMT65MID-50-NH90	50	126	95	132	55	90
BMT65MID-50-NH100	50	126	95	144	55	100

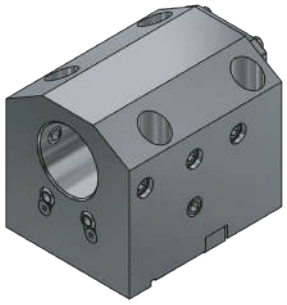
Блоки BMT для расточных державок, внутреннее охлаждение

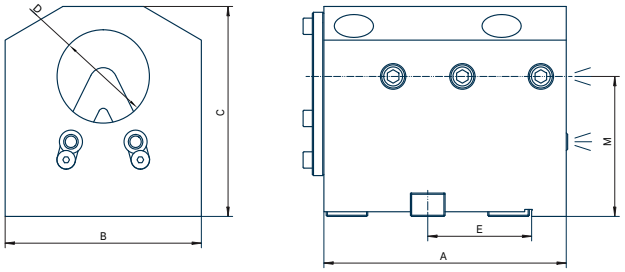




Обозначение	D	A	B	C	E	M
BMT45MID-25-NH65	25	95	75	88	-	65
BMT55MID-32-NH60	32	105	92	90	-	60
BMT55MID-40-NH60	40	105	92	90	-	60
BMT55MID-32-NH70	32	105	86	100	-	70
BMT55MID-40-NH70	40	105	86	100	-	70
BMT65MID-32-NH72	32	126	95	112	55	72
BMT65MID-40-NH72	40	126	95	112	55	72
BMT65MID-40-NH85	40	126	95	120	55	85
BMT65MID-40-NH100	40	126	95	140	55	100
BMT65MID-40-NH105	40	126	95	145	55	105
BMT65MID-40-NH115	40	126	95	155	55	115
BMT65MID-50-NH72	50	126	95	116	55	72
BMT65MID-50-NH90	50	126	95	132	55	90
BMT65MID-50-NH100	50	126	95	144	55	100

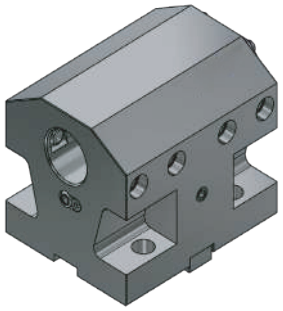
Блоки BMT для расточных державок, наружнее и внутреннее охлаждение

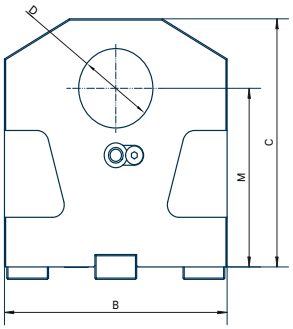


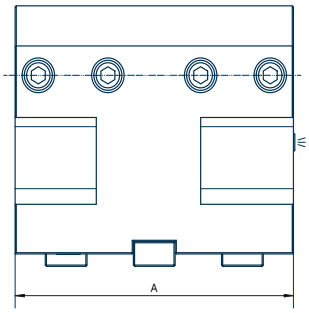


Обозначение	D	A	B	C	E	M
BMT45MID-25-NH65	25	95	75	88	-	65
BMT55MID-32-NH60	32	105	92	90	-	60
BMT55MID-40-NH60	40	105	92	90	-	60
BMT55MID-32-NH70	32	105	86	100	-	70
BMT55MID-40-NH70	40	105	86	100	-	70
BMT65MID-32-NH72	32	126	95	112	55	72
BMT65MID-40-NH72	40	126	95	112	55	72
BMT65MID-40-NH85	40	126	95	120	55	85
BMT65MID-40-NH100	40	126	95	140	55	100
BMT65MID-40-NH105	40	126	95	145	55	105
BMT65MID-40-NH115	40	126	95	155	55	115
BMT65MID-50-NH72	50	126	95	116	55	72
BMT65MID-50-NH90	50	126	95	132	55	90
BMT65MID-50-NH100	50	126	95	144	55	100

Блоки BMT для расточных державок, наружнее охлаждение

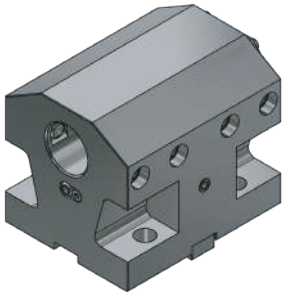


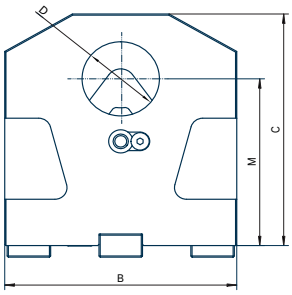


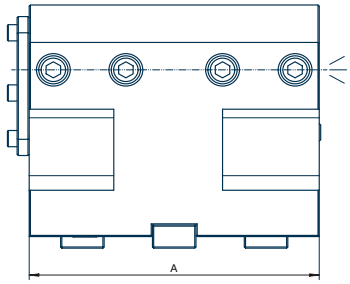


Обозначение	D	A	B	C	M
BMT75MID-50-NH90	50	120	112	130	90
BMT75MID-50-NH110	50	120	112	151	110
BMT75MID-50-NH125	50	120	112	166	125
BMT75MID-60-NH90	60	120	112	137	90
BMT75MID-60-NH110	60	120	112	160	110
BMT75MID-60-NH125	60	120	112	172	125
BMT85MID-50-NH110	50	161.5	124	157	110
BMT85MID-60-NH110	60	161.5	124	157	110
BMT85MID-80-NH110	80	161.5	130	162	110
BMT85MID-80-NH115	80	161.5	130	170	115

Блоки BMT для расточных державок, внутреннее охлаждение

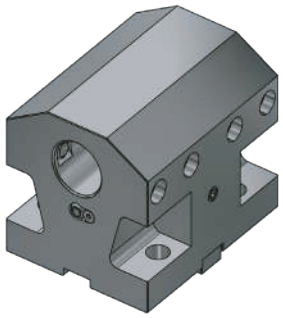


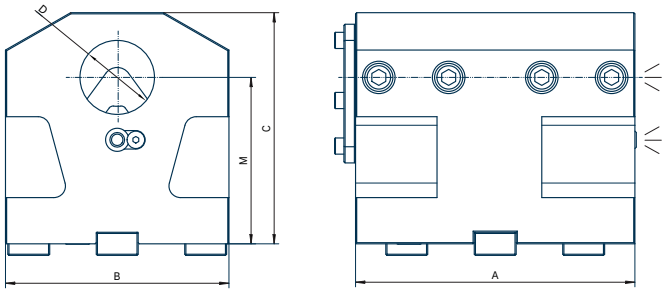




Обозначение	D	A	B	C	M
BMT75MID-50-NH90	50	120	112	130	90
BMT75MID-50-NH110	50	120	112	151	110
BMT75MID-50-NH125	50	120	112	166	125
BMT75MID-60-NH90	60	120	112	137	90
BMT75MID-60-NH110	60	120	112	160	110
BMT75MID-60-NH125	60	120	112	172	125
BMT85MID-50-NH110	50	161.5	124	157	110
BMT85MID-60-NH110	60	161.5	124	157	110
BMT85MID-80-NH110	80	161.5	130	162	110
BMT85MID-80-NH115	80	161.5	130	170	115

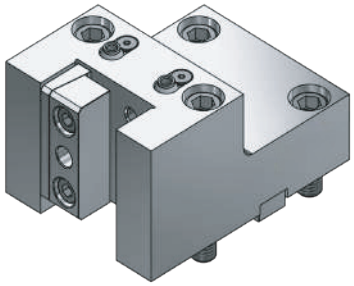
Блоки BMT для расточных державок, наружнее и внутреннее охлаждение

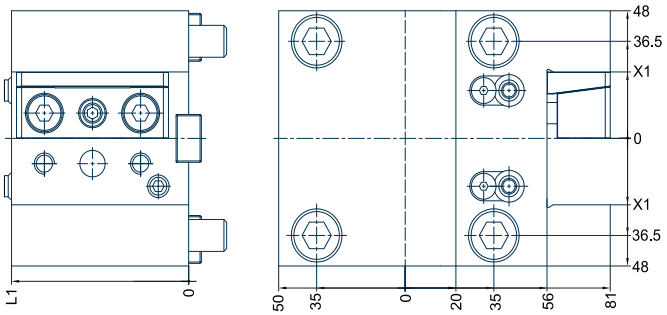




Обозначение	D	A	B	C	M
BMT75MID-50-NH90	50	120	112	130	90
BMT75MID-50-NH110	50	120	112	151	110
BMT75MID-50-NH125	50	120	112	166	125
BMT75MID-60-NH90	60	120	112	137	90
BMT75MID-60-NH110	60	120	112	160	110
BMT75MID-60-NH125	60	120	112	172	125
BMT85MID-50-NH110	50	161.5	124	157	110
BMT85MID-60-NH110	60	161.5	124	157	110
BMT85MID-80-NH110	80	161.5	130	162	110
BMT85MID-80-NH115	80	161.5	130	170	115

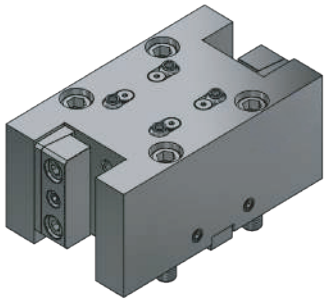
Блоки BMT для токарных державок, наружнее охлаждение

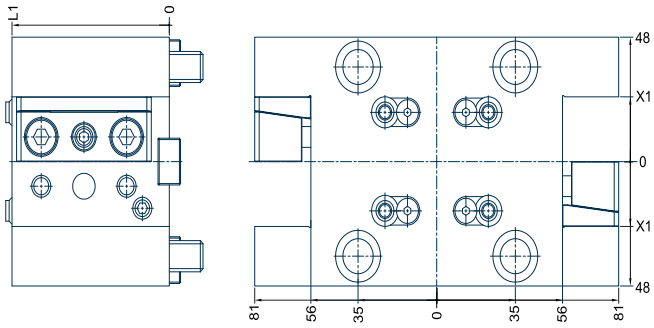




Обозначение	X1	L1
BMT65MOD-25-H70-HASS	25	70

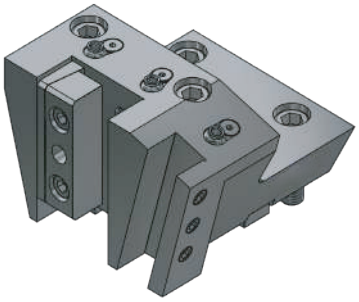
Блоки BMT для токарных державок, наружнее охлаждение

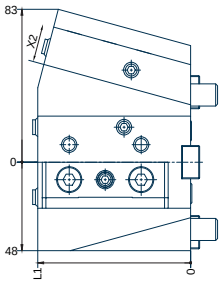


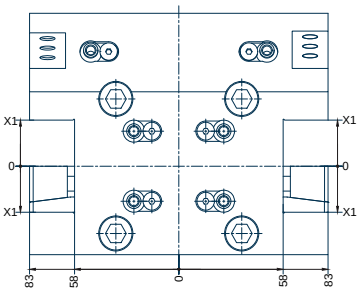


Обозначение	X1	L1
BMT65MOD-25T-H70-HASS	25	70

Двойные блоки BMT, наружное охлаждение

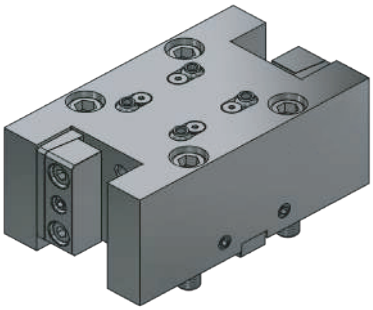


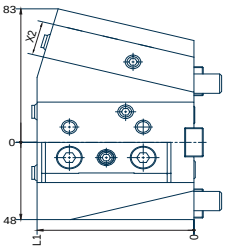


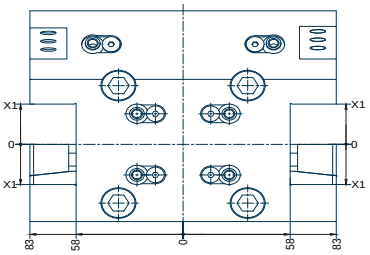


Обозначение	X1	X2	L1
BMT65MOD24-25	25	20	85

Двойные двусторонние блоки BMT, наружное охлаждение



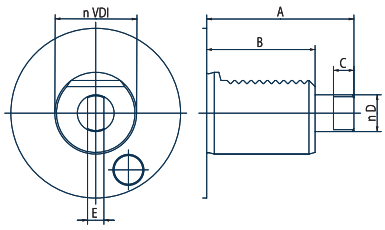




Обозначение	X1	X2	L1
BMT65MOD24-25T	25	20	85

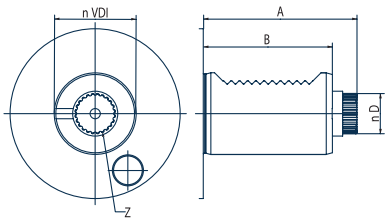
Система для приводного инструмента

DIN 1809



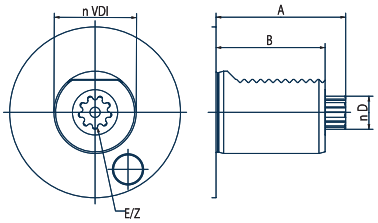
VDI	A	B	C	D	E
30	62	45	8	12	6
40	72	53	10	18	8
50	91	78	13	24	13

DIN 5480



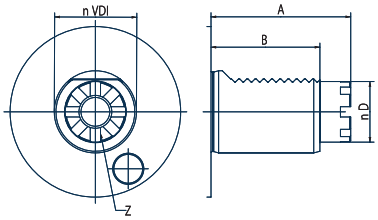
VDI	A	B	D	Z
30	67	55	15.8	18
40	75	63	19.8	24
50	93	78	23.8	18

DIN 5482



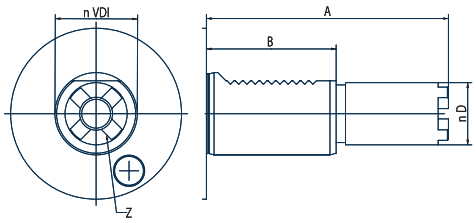
VDI	A	B	D	E	Z
30	55	45	14.5	B15×12	8
40	63	53	16.5	B17×14	9
50	93	78	19.5	B20×17	11

TOEM BARUFFALDI



VDI	A	B	D	Z
30	59	45/53	24	6
40	68	53	32	8
50	84	70	40	8

HAAS

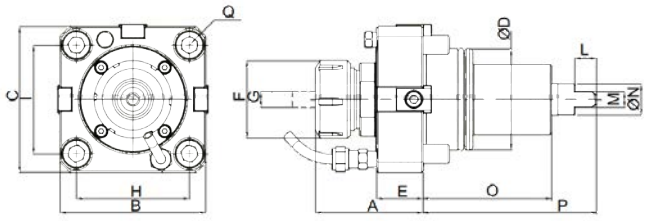


VDI	A	B	D	Z	ТИП
40	104.85	63	30.2	4	1
40	117.55	63	30.2	4	2
40	130.25	63	30.2	4	3

Осевые приводные головки BMT, DIN 1809

	RPM	I (rev.)
DIN1809	6000	1:1



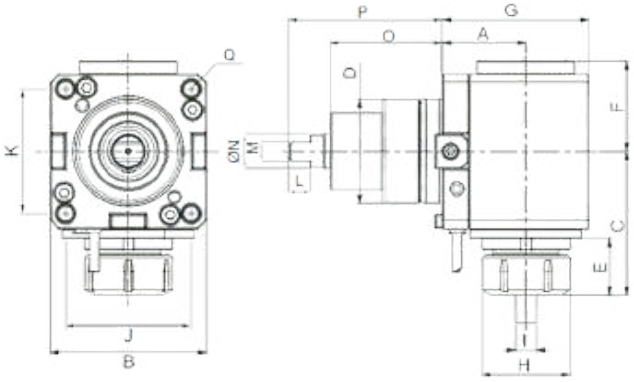


Обозначение	A	B	C	D	E	F	G	H	I	L	M	N	O	P	Q
BMT55-DAER25-56.7	56.7	85	85	55	29	42	ER25	64	64	10	8	17	75	103.5	M10
BMT65-DAER32-68.4	68.5	94	94	65	30	50	ER32	73	70	14	10	20	81	111.5	M12
BMT75-DAER40-78	78	112	112	75	30	63	ER40	90	90	15	14	23	80	110	M12
BMT85-DAER50-108	108	125	125	85	44	78	ER50	100	100	20	16	27.5	96	136	M12

Радиальные приводные головки BMT, DIN 1809

	RPM	I (rev.)
DIN1809	6000	1:1



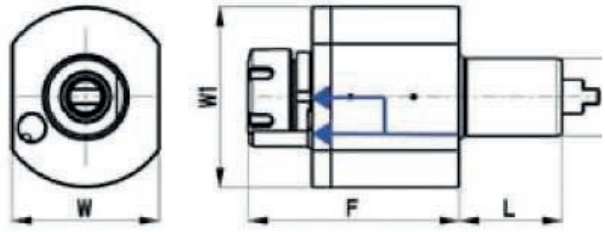


Обозначение	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
BMT55-DRER25-60	60	85	78.5	55	27.5	50	86	42	ER25	64	64	10	8	17	75	103.5	M10
BMT55-DRER25-70	70	85	78.5	55	27.5	50	86	42	ER25	64	64	10	8	17	75	103.5	M10
BMT55-DRER25-85	85	85	78.5	55	27.5	50	86	42	ER25	64	64	10	8	17	75	103.5	M10
BMT65-DRER32-72	72	94	92	65	36	54.5	108	50	ER32	73	70	14	10	20	81	111.5	M12
BMT65-DRER32-100	100	94	92	65	36	54.5	136	50	ER32	73	70	14	10	20	81	111.5	M12
BMT75-DRER40-60	60	112	104	75	41	65	105	63	ER40	90	90	15	14	23	80	110	M12
BMT75-DRER40-90	90	112	104	75	41	65	135	63	ER40	90	90	15	14	23	80	110	M12
BMT75-DRER40-125	125	112	104	75	41	65	170	63	ER40	90	90	15	14	23	80	110	M12
BMT85-DRER40-110	110	125	134.8	85	54.3	75.5	160	78	ER50	100	100	20	16	27.5	96	136	M12

Осевые приводные головки VDI, DIN 1809

	RPM	I (rev.)
DIN1809	6000	1:1



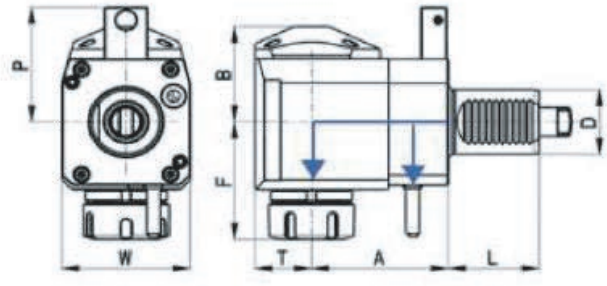


Обозначение	VDI	Цанга	F	L	W	W1	Нм	Внутр. охл.
VDI30-DAER25-87	30	ER25	87	45	64	68	28	нет
VDI30-DAER25K-87	30	ER25	87	45	64	68	28	да
VDI40-DAER25-105	40	ER25	105	53	80	86	50	нет
VDI40-DAER25K-105	40	ER25	105	53	80	86	50	да
VDI40-DAER32-108	40	ER32	108	53	80	86	50	нет
VDI40-DAER32K-108	40	ER32	108	53	80	86	50	да
VDI40-DAER32-95	40	ER32	95	53	80	86	50	нет
VDI40-DAER32K-95	40	ER32	95	53	80	86	50	да

Радиальные приводные головки VDI, DIN 1809

	RPM	I (rev.)
DIN1809	6000	1:1



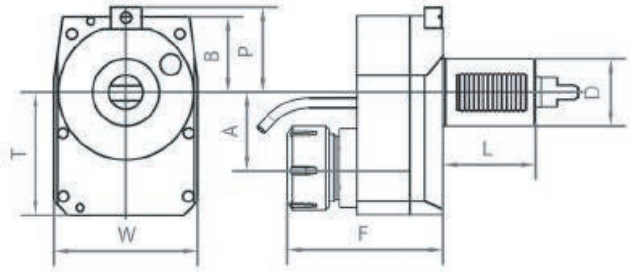


Обозначение	VDI	Цанга	A	B	F	L	P	T	W	Нм	Внутр. охл.	Исполнение
VDI30-DRER25-55	30	ER25	55	48	63	45	48	29	64	28	нет	Правое
VDI30-DRER25K-55	30	ER25	55	51	63	45	48	29	64	28	да	Правое
VDI40-DRER25-80	40	ER25	80	59	70	53	71	36	75	50	нет	Правое
VDI40-DRER25K-80	40	ER25	80	62	70	53	71	36	75	50	да	Правое
VDI40-DRER25-100	40	ER25	100	59	70	53	-	36	75	50	нет	Левое
VDI40-DRER25K-100	40	ER25	100	62	70	53	-	36	75	50	да	Левое
VDI40-DRER32-80	40	ER32	80	59	74	53	71	36	75	50	нет	Правое
VDI40-DRER32K-80	40	ER32	80	62	74	53	71	36	75	50	да	Правое
VDI40-DRER32-100	40	ER32	100	59	74	53	-	36	75	50	нет	Левое
VDI40-DRER32K-100	40	ER32	100	62	74	53	-	36	75	50	да	Левое

Осевые приводные головки VDI, со смещением, DIN 1809

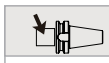
	RPM	I (rev.)
DIN1809	12000	1:2



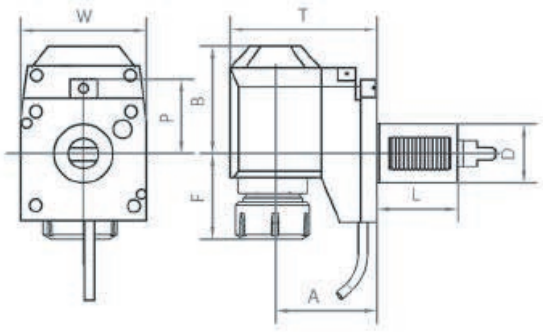


Обозначение	VDI	Цанга	A	B	F	L	P	T	W	Нм	Охлажд.
VDI30-DOAER25-50-106	30	ER25	50	40	106	45	48	90	78	14	Наружн.

Радиальные приводные головки VDI, со смещением, DIN 1809

	I (rev.)
DIN1809	1:1



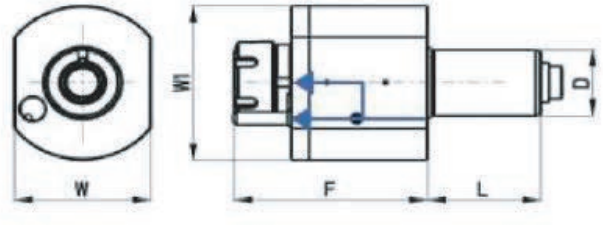


Обозначение	VDI	Цанга	A	B	F	L	P	T	W	Нм	RPM	Охлажд.
VDI30-DORER25-75-40	30	ER25	75	71	40	45	48	101	64	28	6000	нет
VDI30-DORER25K-75-40	30	ER25	75	74	40	45	48	101	64	28	6000	да
VDI40-DORER25-120-37	40	ER25	120	92	37	53	71	120	75	60	4000	нет
VDI40-DORER25K-120-37	40	ER25	120	95	37	53	71	120	75	60	4000	да
VDI40-DORER32-120-41	40	ER32	120	92	41	53	71	120	75	60	4000	нет
VDI40-DORER32K-120-41	40	ER32	120	95	41	53	71	120	75	60	4000	да

Осевые приводные головки VDI, DIN 5480

	RPM	I (rev.)
DIN5480	6000	1:1



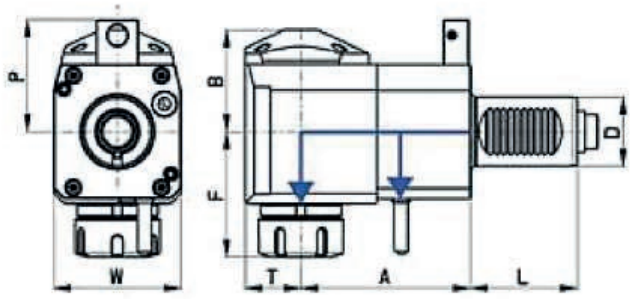


Обозначение	VDI	Цанга	F	L	W	W1	Нм	Внутр. охл.
VDI30-DAER25-87	30	ER25	87	55	62	69	28	нет
VDI30-DAER25K-87	30	ER25	87	55	62	69	28	да
VDI40-DAER25-105	40	ER25	105	63	76	94	50	нет
VDI40-DAER25K-105	40	ER25	105	63	76	94	50	да
VDI40-DAER32-108	40	ER32	108	63	76	94	50	нет
VDI40-DAER32K-108	40	ER32	108	63	76	94	50	да

Радиальные приводные головки VDI, DIN 5480

	RPM	I (rev.)
DIN5480	6000	1:1



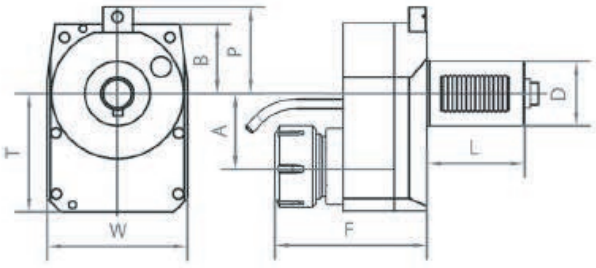


Обозначение	VDI	Цанга	A	B	F	L	P	T	W	Нм	Внутр. охл.	Исполнение
VDI30-DRER25-55	30	ER25	55	48	63	55	56	26	64	28	нет	Правое
VDI30-DRER25K-55	30	ER25	55	51	63	55	56	26	64	28	да	Правое
VDI30-DRER25-85	30	ER25	85	48	63	55	56	26	64	28	нет	Правое
VDI30-DRER25K-85	30	ER25	85	51	63	55	56	26	64	28	да	Правое
VDI30-DRER25-100	30	ER25	100	48	63	55	56	29	64	28	нет	Правое
VDI30-DRER25K-100	30	ER25	100	51	63	55	56	29	64	28	да	Правое
VDI40-DRER25-80	40	ER25	80	59	70	63	65	33	75	50	нет	Правое
VDI40-DRER25K-80	40	ER25	80	62	70	63	65	33	75	50	да	Правое
VDI40-DRER25-100	40	ER25	100	59	70	63	65	33	75	50	нет	Правое
VDI40-DRER25K-100	40	ER25	100	62	70	63	65	33	75	50	да	Правое
VDI40-DRER32-80	40	ER32	80	59	74	63	65	33	75	50	нет	Правое
VDI40-DRER32K-80	40	ER32	80	62	74	63	65	33	75	50	да	Правое
VDI40-DRER32-100	40	ER32	100	59	74	63	65	33	75	50	нет	Правое
VDI40-DRER32K-100	40	ER32	100	62	74	63	65	33	75	50	да	Правое

Осевые приводные головки VDI, со смещением, DIN 5480

	RPM	I (rev.)
DIN5480	12000	1:2

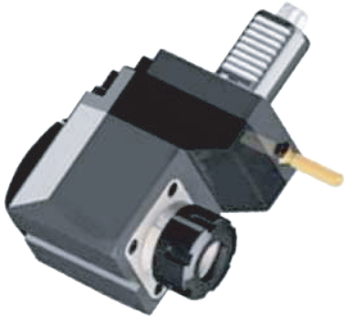


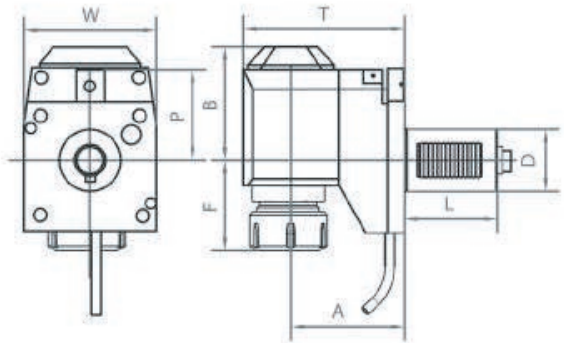


Обозначение	VDI	Цанга	A	B	F	L	P	T	W	Нм	Охлажд.
VDI30-DOAER25-50-102	30	ER25	50	47	102	55	56	90	78	14	Наружн.

Радиальные приводные головки VDI, со смещением, DIN 5480

	RPM	I (rev.)
DIN5480	6000	1:1



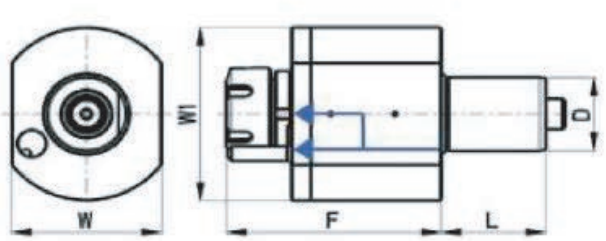


Обозначение	VDI	Цанга	A	B	F	L	P	T	W	Нм	Охлажд.
VDI30-DORER25-75-39.8	30	ER25	75	71	39,8	55	56	101	64	28	Наружн.
VDI30-DORER25K-75-39.8	30	ER25	75	73,5	39,8	55	56	101	64	28	Наружн.+Внутр.
VDI40-DORER25-120-36.6	40	ER25	120	92,2	36,6	63	65	153	75	50	Наружн.
VDI40-DORER25K-120-36.6	40	ER25	120	95,2	36,6	63	65	153	75	50	Наружн.+Внутр.
VDI40-DORER32-120-40.6	40	ER32	120	92,2	40,6	63	65	153	75	50	Наружн.
VDI40-DORER32K-120-40.6	40	ER32	120	95,2	40,6	63	65	153	75	50	Наружн.+Внутр.

Осевые приводные головки VDI, DIN 5482

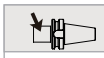
	RPM	I (rev.)
DIN5482	6000	1:1



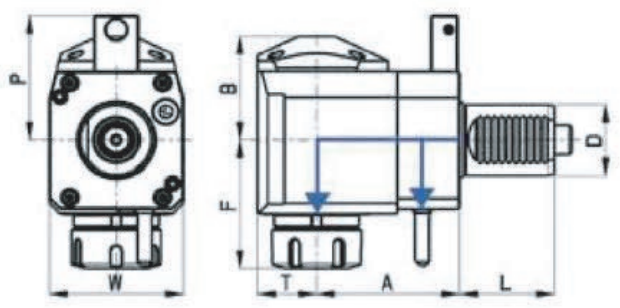


Обозначение	VDI	Цанга	F	L	W	W1	Нм	Внутр. охл.
VDI30-DAER25-87	30	ER25	87	45	62	69	28	нет
VDI30-DAER25K-87	30	ER25	87	45	62	69	28	да
VDI40-DAER25-105	40	ER25	105	53	76	94	50	нет
VDI40-DAER25K-105	40	ER25	105	53	76	94	50	да
VDI40-DAER32-108	40	ER32	108	53	76	94	50	нет
VDI40-DAER32K-108	40	ER32	108	53	76	94	50	да

Радиальные приводные головки VDI, DIN 5482

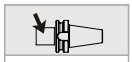
	RPM	I (rev.)
DIN5482	6000	1:1



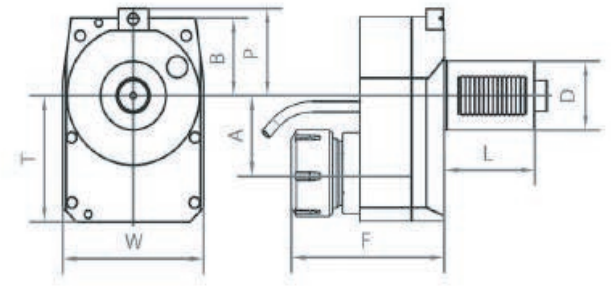


Обозначение	VDI	Цанга	A	B	F	L	P	T	W	Нм	Внутр. охл.	Исполнение
VDI30-DRER25-55	30	ER25	55	48	63	45	48	26	64	28	нет	правое
VDI30-DRER25K-55	30	ER25	55	51	63	45	48	26	64	28	да	правое
VDI40-DRER25-80	40	ER25	80	59	70	53	71	33	75	50	нет	правое
VDI40-DRER25K-80	40	ER25	80	62	70	53	71	33	75	50	да	правое
VDI40-DRER32-80	40	ER32	80	59	74	53	71	33	75	50	нет	правое
VDI40-DRER32K-80	40	ER32	80	62	74	53	71	33	75	50	да	правое

Осевые приводные головки VDI, со смещением, DIN 5482

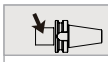
	RPM	I (rev.)
DIN5482	12000	1:2

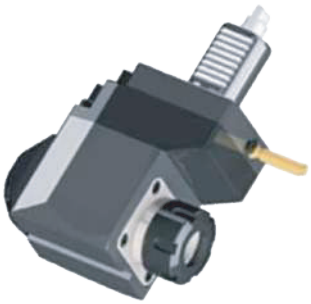


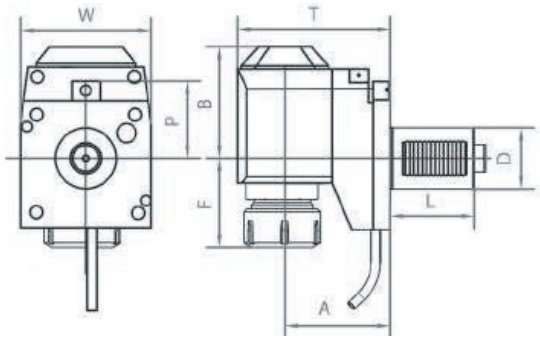


Обозначение	VDI	Цанга	A	B	F	L	P	T	W	Нм	Охлажд.
VDI30-DOAER25-50-102	30	ER25	50	40	102	45	48	90	78	14	Наружн.

Радиальные приводные головки VDI, со смещением, DIN 5482

	I (rev.)
DIN5482	1:1



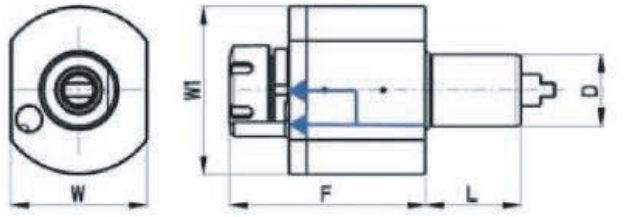


Обозначение	VDI	Цанга	A	B	F	L	P	T	W	Нм	RPM	Охлажд.
VDI30-DORER25-75-40	30	ER25	75	71	40	45	48	101	64	28	6000	нет
VDI30-DORER25K-75-40	30	ER25	75	74	40	45	48	101	64	28	6000	да
VDI40-DORER25-120-37	40	ER25	120	92	37	53	71	125,5	75	60	4000	нет
VDI40-DORER25K-120-37	40	ER25	120	95	37	53	71	125,5	75	60	4000	да
VDI40-DORER32-120-41	40	ER32	120	92	41	53	71	125,5	75	60	4000	нет
VDI40-DORER32K-120-41	40	ER32	120	95	41	53	71	125,5	75	60	4000	да

Осевые приводные головки VDI, TOEM

	RPM	I (rev.)
TOEM BARUFFALDI	6000	1:1



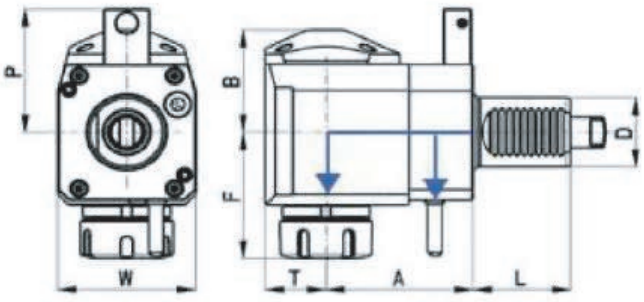


Обозначение	VDI	Цанга	F	L	W	W1	Нм	Внутр. охл.	Z
VDI30-DAER25-87	30	ER25	87	45	64	68	28	нет	6
VDI30-DAER25K-87	30	ER25	87	45	64	68	28	да	6
VDI40-DAER25-105	40	ER25	105	53	80	86	50	нет	8
VDI40-DAER25K-105	40	ER25	105	53	80	86	50	да	8
VDI40-DAER32-108	40	ER32	108	53	80	86	50	нет	8
VDI40-DAER32K-108	40	ER32	108	53	80	86	50	да	8

Радиальные приводные головки VDI, TOEM

	RPM	I (rev.)
TOEM BARUFFALDI	6000	1:1

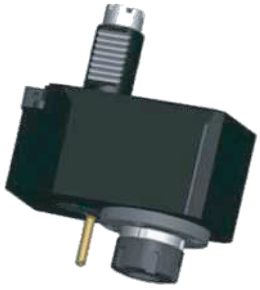


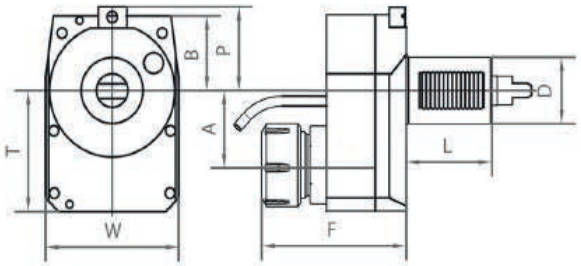


Обозначение	VDI	Цанга	A	B	F	L	P	T	W	Нм	Внутр. охл.	Исполнение	Z
VDI30-DRER25-55	30	ER25	55	48	63	45	48	29	64	28	нет	правое	6
VDI30-DRER25K-55	30	ER25	55	51	63	45	48	29	64	28	да	правое	6
VDI40-DRER25-80	40	ER25	80	59	70	53	71	36	75	50	нет	правое	8
VDI40-DRER25K-80	40	ER25	80	62	70	53	71	36	75	50	да	правое	8
VDI40-DRER32-80	40	ER32	80	59	74	53	71	36	75	50	нет	правое	8
VDI40-DRER32K-80	40	ER32	80	62	74	53	71	36	75	50	да	правое	8

Осевые приводные головки VDI, со смещением, TOEM

	RPM	I (rev.)
TOEM BARUFFALDI	12000	1:2

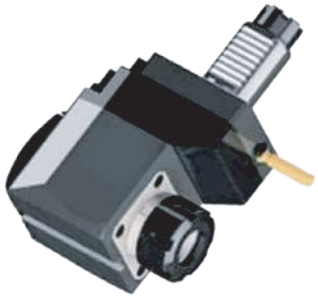


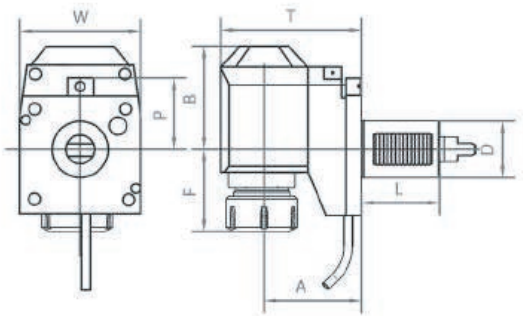


Обозначение	VDI	Цанга	A	B	F	L	P	T	W	Нм	Охлажд.	Z
VDI30-DOAER25-50-106	30	ER25	50	40	106	45	48	90	78	14	Наружн.	6

Радиальные приводные головки VDI, со смещением, TOEM

	RPM	I (rev.)
TOEM BARUFFALDI	6000	



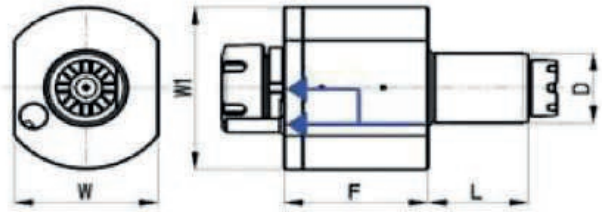


Обозначение	VDI	Цанга	A	B	F	L	P	T	W	Нм	Охлажд.	Z
VDI30-DORER25-75-40	30	ER25	75	71	40	45	48	101	64	28	нет	6
VDI30-DORER25K-75-40	30	ER25	75	74	40	45	48	101	64	28	да	6
VDI40-DORER25-120-37	40	ER25	120	92	37	53	71	120	75	60	нет	-
VDI40-DORER25K-120-37	40	ER25	120	95	37	53	71	120	75	60	да	-
VDI40-DORER32-120-41	40	ER32	120	92	41	53	71	120	75	60	нет	-
VDI40-DORER32K-120-41	40	ER32	120	95	41	53	71	120	75	60	да	-

Осевые приводные головки VDI, STEPPED HAAS

	RPM	I (rev.)
STEPPED HAAS	6000	1:1

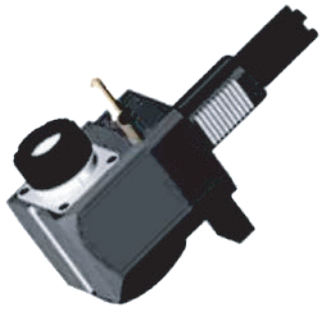


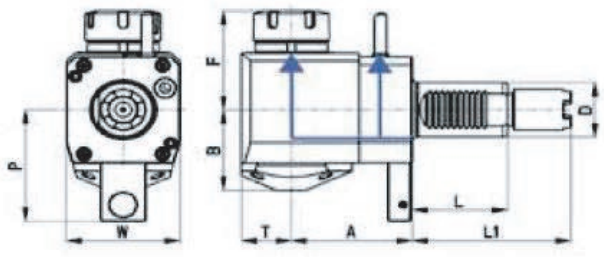


Обозначение	VDI	Цанга	F	L	L1	W	W1	HM	Внутр. охл.
VDI40-DAER25-105	40	ER25	105	63	104,85	76	94	50	нет
VDI40-DAER25K-105	40	ER25	105	63	104,85	76	94	50	да
VDI40-DAER32-108	40	ER32	108	63	104,85	76	94	50	нет
VDI40-DAER32K-108	40	ER32	108	63	104,85	76	94	50	да
VDI40-DAER25-105L	40	ER25	105	63	117,55	76	94	50	нет
VDI40-DAER25K-105L	40	ER25	105	63	117,55	76	94	50	да
VDI40-DAER32-108L	40	ER32	108	63	117,55	76	94	50	нет
VDI40-DAER32K-108L	40	ER32	108	63	117,55	76	94	50	да
VDI40-DAER25-105EL	40	ER25	105	63	130,25	76	94	50	нет
VDI40-DAER25K-105EL	40	ER25	105	63	130,25	76	94	50	да
VDI40-DAER32-108EL	40	ER32	108	63	130,25	76	94	50	нет
VDI40-DAER32K-108EL	40	ER32	108	63	130,25	76	94	50	да

Радиальные приводные головки VDI, STEPPED HAAS

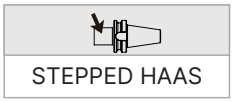
	RPM	I (rev.)
STEPPED HAAS	6000	1:1

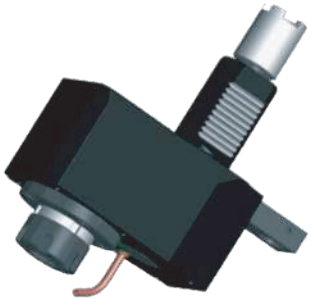


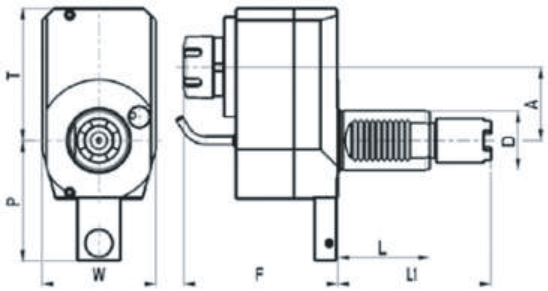


Обозначение	VDI	Цанга	A	B	F	L	L1	P	T	W	Нм	Внутр. охл.	Исполнение
VDI40-DRER25-69	40	ER25	69	59	70	63	104,85	82	36	75	60	нет	левое
VDI40-DRER25K-69	40	ER25	69	62	70	63	104,85	82	36	75	50	да	левое
VDI40-DRER32-69	40	ER32	69	59	74	63	104,85	82	36	75	50	нет	левое
VDI40-DRER32K-69	40	ER32	69	62	74	63	104,85	82	36	75	50	да	левое
VDI40-DRER25-69L	40	ER25	69	59	70	63	117,55	82	36	75	50	нет	левое
VDI40-DRER25K-69L	40	ER25	69	62	70	63	117,55	82	36	75	50	да	левое
VDI40-DRER32-69L	40	ER32	69	59	74	63	117,55	82	36	75	50	нет	левое
VDI40-DRER32K-69L	40	ER32	69	62	74	63	117,55	82	36	75	50	да	левое
VDI40-DRER25-69EL	40	ER32	69	59	70	63	130,25	82	36	75	50	нет	левое
VDI40-DRER25K-69EL	40	ER25	69	62	70	63	130,25	82	36	75	50	да	левое
VDI40-DRER32-69EL	40	ER25	69	59	74	63	130,25	82	36	75	50	нет	левое
VDI40-DRER32K-69EL	40	ER32	69	62	74	63	130,25	82	36	75	50	да	левое
VDI40-DRER25-80	40	ER25	80	59	70	63	104,85	82	33	75	50	нет	левое
VDI40-DRER25K-80	40	ER25	80	62	70	63	104,85	82	33	75	50	да	левое
VDI40-DRER32-80	40	ER32	80	59	74	63	104,85	82	33	75	50	нет	левое
VDI40-DRER32K-80	40	ER32	80	62	74	63	104,85	82	33	75	50	да	левое
VDI40-DRER25-80L	40	ER25	80	59	70	63	117,55	82	33	75	50	нет	левое
VDI40-DRER25K-80L	40	ER25	80	62	70	63	117,55	82	33	75	50	да	левое
VDI40-DRER32-80L	40	ER32	80	59	74	63	117,55	82	33	75	50	нет	левое
VDI40-DRER32K-80L	40	ER32	80	62	74	63	117,55	82	33	75	50	да	левое
VDI40-DRER25-80EL	40	ER25	80	59	70	63	130,25	82	33	75	50	нет	левое
VDI40-DRER25K-80EL	40	ER25	80	62	70	63	130,25	82	33	75	50	да	левое
VDI40-DRER32-80EL	40	ER32	80	59	74	63	130,25	82	33	75	50	нет	левое
VDI40-DRER32K-80EL	40	ER32	80	62	74	63	130,25	82	33	75	50	да	левое

Осевые приводные головки VDI, со смещением, STEPPED HAAS

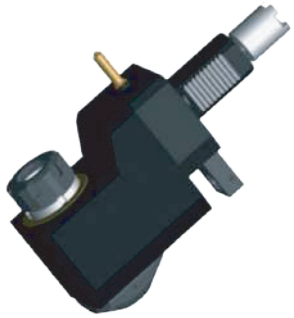


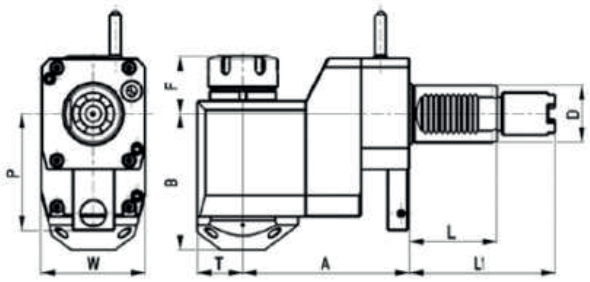




Обозначение	VDI	Цанга	A	B	F	L	P	T	W	Охлажд.	Исполнение
VDI40-DOAER25-50-63	40	ER25	50	106	63	104,85	82	90	78	нет	левое
VDI40-DOAER25K-50-63	40	ER25	50	106	63	104,85	82	90	78	да	левое
VDI40-DOAER25-50-63L	40	ER25	50	106	63	117,55	82	90	78	нет	левое
VDI40-DOAER25K-50-63L	40	ER25	50	106	63	117,55	82	90	78	да	левое
VDI40-DOAER25-50-63EL	40	ER25	50	106	63	130,25	82	90	78	нет	левое
VDI40-DOAER25K-50-63EL	40	ER25	50	106	63	130,25	82	90	78	да	левое

Радиальные приводные головки VDI, со смещением, STEPPED HAAS



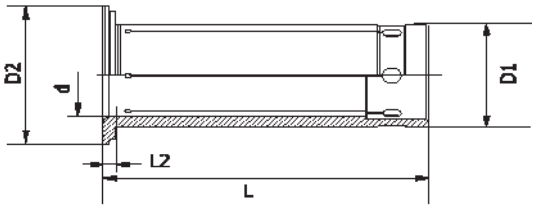


Обозначение	VDI	Цанга	A	B	F	L	L1	P	T	W	Охлажд.	Исполнение
VDI40-DORER25-120-37	40	ER25	120	92	37	63	104,85	82	33	75	нет	левое
VDI40-DORER25K-120-37	40	ER25	120	95	37	63	104,85	82	33	75	да	левое
VDI40-DORER32-120-37	40	ER32	120	92	41	63	104,85	82	33	75	нет	левое
VDI40-DORER32K-120-37	40	ER32	120	95	41	63	104,85	82	33	75	да	левое
VDI40-DORER25-120-37L	40	ER25	120	92	37	63	117,55	82	33	75	нет	левое
VDI40-DORER25K-120-37L	40	ER25	120	95	37	63	117,55	82	33	75	да	левое
VDI40-DORER32-120-37L	40	ER32	120	92	41	63	117,55	82	33	75	нет	левое
VDI40-DORER32K-120-37L	40	ER32	120	95	41	63	117,55	82	33	75	да	левое
VDI40-DORER25-120-37EL	40	ER25	120	92	37	63	130,25	82	33	75	нет	левое
VDI40-DORER25K-120-37EL	40	ER25	120	95	37	63	130,25	82	33	75	да	левое
VDI40-DORER32-120-37EL	40	ER32	120	92	41	63	130,25	82	33	75	нет	левое
VDI40-DORER32K-120-37EL	40	ER32	120	95	41	63	130,25	82	33	75	да	левое

Аксессуары

Цанги для гидропатронов, герметичные

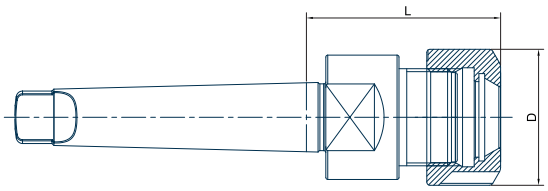




Обозначение	d	D1	D2	L	L2
HY12-3	3	12	18	47	2
HY12-4	4	12	18	47	2
HY12-5	5	12	18	47	2
HY12-6	6	12	18	47	2
HY12-7	7	12	18	47	2
HY12-8	8	12	18	47	2
HY20-3	3	20	27	52.5	2
HY20-4	4	20	27	52.5	2
HY20-5	5	20	27	52.5	2
HY20-6	6	20	27	52.5	2
HY20-7	7	20	27	52.5	2
HY20-8	8	20	27	52.5	2
HY20-9	9	20	27	52.5	2
HY20-10	10	20	27	52.5	2
HY20-11	11	20	27	52.5	2
HY20-12	12	20	27	52.5	2
HY20-13	13	20	27	52.5	2
HY20-14	14	20	27	52.5	2
HY20-15	15	20	27	52.5	2
HY20-16	16	20	27	52.5	2
HY20-17	17	20	27	52.5	2
HY32-6	6	32	39	63.5	3
HY32-8	8	32	39	63.5	3
HY32-10	10	32	39	63.5	3
HY32-12	12	32	39	63.5	3
HY32-14	14	32	39	63.5	3
HY32-16	16	32	39	63.5	3
HY32-18	18	32	39	63.5	3
HY32-20	20	32	39	63.5	3
HY32-25	25	32	39	63.5	3

Цанговые патроны ER DIN6499, хвостовик конус Морзе с лапкой DIN228

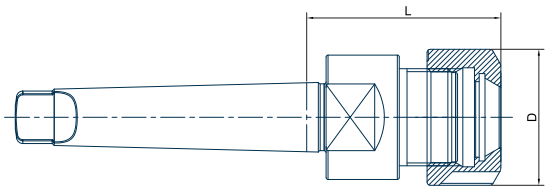




Обозначение	D	L	Диапазон
MTA2-ER16M-50	22	50	1-10
MTA2-ER20M-50	28	50	1-13
MTA2-ER25-60	42	60	2-16
MTA2-ER32-60	50	60	2-20
MTA3-ER16M-60	22	60	1-10
MTA3-ER20M-60	28	60	1-13
MTA3-ER25-60	42	60	2-16
MTA3-ER32-70	50	70	2-20
MTA3-ER40-80	63	80	3-26
MTA4-ER25-60	42	60	2-16
MTA4-ER32-70	50	70	2-20
MTA4-ER40-80	63	80	3-26
MTA5-ER40-80	63	80	3-26

Цанговые патроны ER DIN6499, хвостовик конус Морзе DIN228

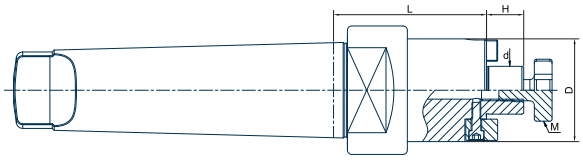




Обозначение	D	L	Диапазон
MTB1-ER11A-30	19	30	1-7
MTB1-ER16A-40	28	40	1-10
MTB2-ER16M-50	22	50	1-10
MTB2-ER20M-50	28	50	1-13
MTB2-ER11A-30	19	30	1-7
MTB2-ER16A-50	28	50	1-10
MTB2-ER20A-50	34	50	1-13
MTB2-ER25-47	42	47	2-16
MTB2-ER32-75	50	75	2-20
MTB2-ER40-80	63	80	3-26
MTB3-ER16M-60	22	60	1-10
MTB3-ER20M-50	28	50	1-13
MTB3-ER16A-50	28	50	1-10
MTB3-ER20A-50	36	50	1-13
MTB3-ER25-56	42	56	2-16
MTB3-ER32-60	50	60	2-20
MTB3-ER40-80	63	80	3-26
MTB4-ER25-60	42	60	2-16
MTB4-ER32-60	50	60	2-20
MTB4-ER40-80	63	80	3-26
MTB4-ER50-80	78	80	6-34
MTB5-ER40-80	63	80	3-26
MTB5-ER50-80	78	80	6-34

Оправки для торцевых фрез DIN6357

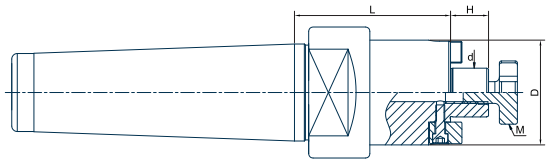




Обозначение	d	D	L	H	M
MTA2-FMB16-30	16	38	30	30	M8
MTA2-FMB22-30	22	48	30	30	M10
MTA2-FMB27-30	27	58	30	30	M12
MTA3-FMB16-30	16	38	30	30	M8
MTA3-FMB22-30	22	48	30	30	M10
MTA3-FMB27-30	27	58	30	30	M12
MTA3-FMB32-30	32	78	30	30	M16
MTA4-FMB16-32	16	38	32	32	M8
MTA4-FMB22-32	22	48	32	32	M10
MTA4-FMB27-32	27	58	32	32	M12
MTA4-FMB32-32	32	78	32	32	M16
MTA4-FMB40-32	40	88	32	32	M20

Оправки для торцевых фрез DIN6357

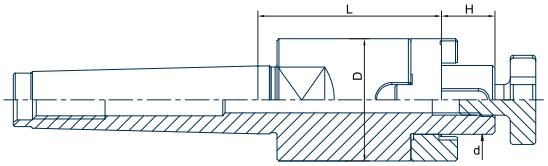




Обозначение	d	D	L	H	M
MTB3-FMB16-48	16	38	48	17	M8
MTB3-FMB22-48	22	48	48	19	M10
MTB3-FMB27-48	27	58	48	21	M12
MTB3-FMB32-48	32	78	48	24	M16
MTB3-FMB40-48	40	88	48	27	M20
MTB4-FMB22-55	55	48	55	19	M10
MTB4-FMB27-55	27	58	55	21	M12
MTB4-FMB32-55	32	78	55	24	M16
MTB4-FMB40-55	40	88	55	27	M20

Комбинированные оправки для насадных фрез DIN6358

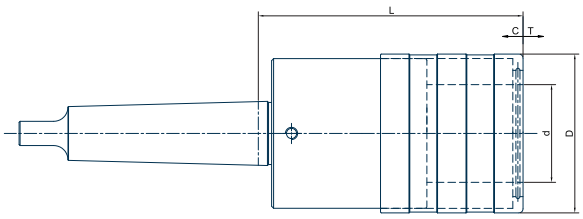




Обозначение	d	D	H	L
MTB2-SEMC16-48	16	32	17	48
MTB2-SEMC22-48	22	40	19	48
MTB2-SEMC27-55	27	48	21	55
MTB2-SEMC32-55	32	58	24	55
MTB3-SEMC16-48	16	32	17	48
MTB3-SEMC22-50	22	40	19	50
MTB3-SEMC27-55	27	48	21	55
MTB3-SEMC32-55	32	58	24	55
MTB4-SEMC16-55	16	32	17	55
MTB4-SEMC22-55	22	40	19	55
MTB4-SEMC27-55	27	48	21	55
MTB4-SEMC32-55	32	58	24	55

Быстросменные резьбонарезные патроны с осевой компенсацией

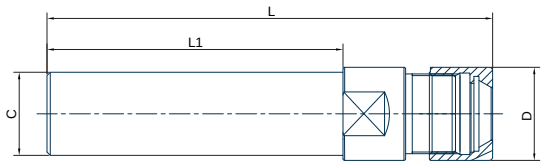




Обозначение	Втулка	D	d	L	T	C
MTA2-TC312-46	1	36	19	46	7.5	7.5
MTA3-TC312-46	1	36	19	46	7.5	7.5
MTA3-TC820-68	2	53	31	68	12.5	12.5
MTA4-TC820-70	2	35	31	70	12.5	12.5
MTA4-TC1433-108	3	78	48	108	22	22
MTA5-TC1433-103	3	78	48	103	22	22

Цанговые патроны ER с гайкой Mini DIN6499

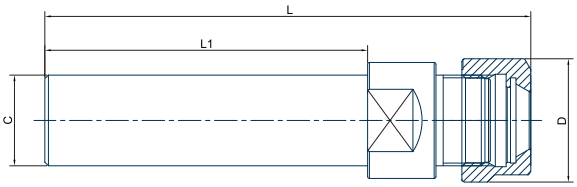




Обозначение	C	D	L1	L
C8-ER8M-100	08	12	100	124.5
C10-ER8M-100	10	12	100	124.5
C10-ER8M-150	10	12	150	174.5
C12-ER11M-100	12	16	100	125
C16-ER11M-100	16	16	100	125
C16-ER11M-150	16	16	150	175
C16-ER16M-100	16	22	100	131
C16-ER16M-150	16	22	150	181
C20-ER16M-100	20	22	100	131
C20-ER16M-150	20	22	150	181
C20-ER20M-100	20	28	100	137
C20-ER20M-150	20	28	150	187
C25-ER16M-100	25	22	100	131
C25-ER16M-150	25	22	150	181
C25-ER20M-100	25	28	100	137
C25-ER20M-150	25	28	150	187

Цанговые патроны ER с гайкой Hex DIN6499

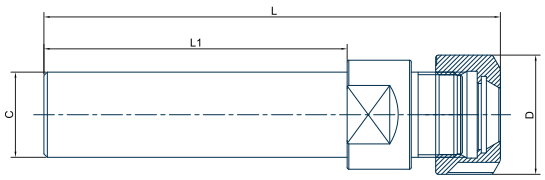




Обозначение	C	D	L1	L
C10-ER8A-100	10	13.3	100	124.5
C10-ER11A-100	10	19	100	124
C12-ER8A-100	12	13.3	100	124.5
C12-ER11A-100	12	19	100	124
C16-ER11A-50	16	19	50	74
C16-ER11A-100	16	19	100	124
C16A-ER16A-100	16	28	100	131
C16A-ER16A-150	16	28	150	181
C20-ER16A-100	20	28	100	131
C20-ER16A-150	20	28	150	181
C20A-ER20A-100	20	34	100	136.5
C20A-ER20A-150	20	34	150	186.5
C25-ER16A-100	25	28	100	136.5
C25-ER16A-150	25	28	150	186.5
C25-ER20A-100	25	34	100	136.5
C25-ER20A-150	25	34	150	186.5

Цанговые патроны ER с гайкой UM DIN6499

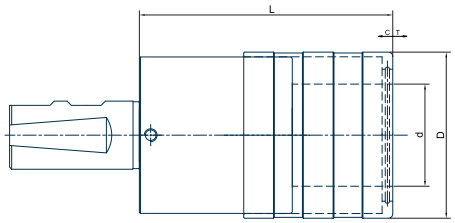




Обозначение	C	D	L1	L
C20-ER25UM-100	20	42	100	144
C25-ER25UM-100	25	42	100	144
C25-ER25UM-150	25	42	150	194
C25-ER25UM-200	25	42	200	244
C25-ER32UM-100	25	50	100	148
C32-ER25UM-100	32	42	100	144
C32-ER25UM-150	32	42	150	194
C32-ER32UM-100	32	50	100	148
C32-ER32UM-150	32	50	150	198
C32-ER32UM-200	32	50	200	248
C32-ER40UM-100	32	63	100	151
C40-ER32UM-100	40	50	100	148
C40-ER40UM-100	40	63	100	151
C40-ER40UM-150	40	63	150	201

Быстросменные резьбонарезные патроны с осевой компенсацией





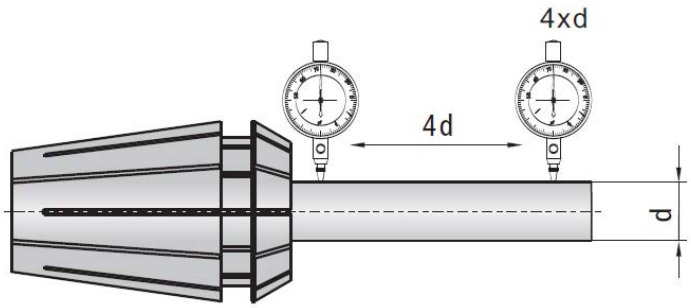
Обозначение	Втулка	L	D	d	T	C
C20-TC312-41	1	41	36	19	7.5	7.5
C25-TC312-41	1	41	36	19	7.5	7.5
C25-TC820-63	2	63	53	31	12.5	12.5
C32-TC312-41	1	41	36	19	7.5	7.5
C32-TC820-63	2	63	53	31	12.5	12.5
C32-TC1433-97	3	97	78	48	22	22
C40-TC312-41	1	41	36	19	7.5	7.5
C40-TC820-63	2	63	53	31	12.5	12.5
C40-TC1433-97	3	97	78	48	22	22

Точностные параметры цанг ER:

	Биение на 4D (ID < 3 мм)			Биение на 4D (ID ≥ 3 мм)		
	0.015 мм	0.01 мм	0.005 мм	0.015 мм	0.01 мм	0.005 мм
ER8	√	×	×	√	√	√
ER11	√	×	×	√	√	√
ER16	√	×	×	√	√	√
ER20	√	×	×	√	√	√
ER25	√	×	×	√	√	√
ER32	√	×	×	√	√	√
ER40	√	×	×	√	√	√
ER50	√	×	×	√	×	×

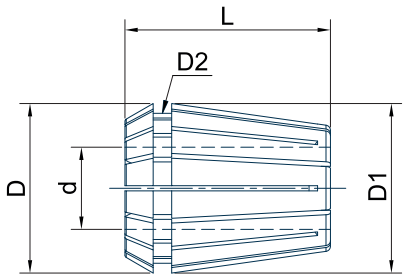
Для наших ER цанг есть три точности:
Нормальная 0,015 мм - стандартное исполнение
Повышенная (A) 0,010 мм - исполнение под заказ
Прецизионная (AA) 0,005 мм - исполнение под заказ

Контроль радиального биения осуществляется на вылете 4xD тестовой оправки.



Цанги ER



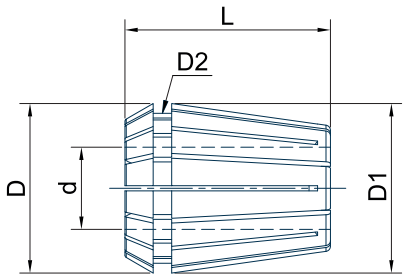


Обозн.	d	D1	D	D2	L
ER8-01	1-0.5	8	8.45	6.5	13.5
ER8-01.5	1.5-1	8	8.45	6.5	13.5
ER8-02	2-1.5	8	8.45	6.5	13.5
ER8-02.5	2.5-2	8	8.45	6.5	13.5
ER8-03	3-2.5	8	8.45	6.5	13.5
ER8-03.5	3.5-3	8	8.45	6.5	13.5
ER8-04	4-3.5	8	8.45	6.5	13.5
ER8-04.5	4.5-4	8	8.45	6.5	13.5
ER8-05	5-4.5	8	8.45	6.5	13.5
ER11-01	1-0.5	11	11.5	9.5	18
ER11-01.5	1.5-1	11	11.5	9.5	18
ER11-02	2-1.5	11	11.5	9.5	18
ER11-02.5	2.5-2	11	11.5	9.5	18
ER11-03	3-2.5	11	11.5	9.5	18
ER11-03.5	3.5-3	11	11.5	9.5	18
ER11-04	4-3.5	11	11.5	9.5	18
ER11-04.5	4.5-4	11	11.5	9.5	18
ER11-05	5-4.5	11	11.5	9.5	18
ER11-05.5	5.5-5	11	11.5	9.5	18
ER11-06	6-5.5	11	11.5	9.5	18
ER11-06.5	6.5-6	11	11.5	9.5	18
ER11-07	7-6.5	11	11.5	9.5	18
ER16-01	1-0.5	16	17	13.8	27.5
ER16-02	2-1	16	17	13.8	27.5
ER16-03	3-2	16	17	13.8	27.5
ER16-04	4-3	16	17	13.8	27.5
ER16-05	5-4	16	17	13.8	27.5
ER16-06	6-5	16	17	13.8	27.5
ER16-07	7-6	16	17	13.8	27.5
ER16-08	8-7	16	17	13.8	27.5
ER16-09	9-8	16	17	13.8	27.5
ER16-10	10-9	16	17	13.8	27.5

Обозн.	d	D1	D	D2	L
ER20-01	1-0.5	20	21	17.4	31.5
ER20-02	2-1	20	21	17.4	31.5
ER20-03	3-2	20	21	17.4	31.5
ER20-04	4-3	20	21	17.4	31.5
ER20-05	5-4	20	21	17.4	31.5
ER20-06	6-5	20	21	17.4	31.5
ER20-07	7-6	20	21	17.4	31.5
ER20-08	8-7	20	21	17.4	31.5
ER20-09	9-8	20	21	17.4	31.5
ER20-10	10-9	20	21	17.4	31.5
ER20-11	11-10	20	21	17.4	31.5
ER20-12	12-11	20	21	17.4	31.5
ER20-13	13-12	20	21	17.4	31.5
ER25-01	1-0.5	25	26	22	34
ER25-02	2-1	25	26	22	34
ER25-03	3-2	25	26	22	34
ER25-04	4-3	25	26	22	34
ER25-05	5-4	25	26	22	34
ER25-06	6-5	25	26	22	34
ER25-07	7-6	25	26	22	34
ER25-08	8-7	25	26	22	34
ER25-09	9-8	25	26	22	34
ER25-10	10-9	25	26	22	34
ER25-11	11-10	25	26	22	34
ER25-12	12-11	25	26	22	34
ER25-13	13-12	25	26	22	34
ER25-14	14-13	25	26	22	34
ER25-15	15-14	25	26	22	34
ER25-16	16-15	25	26	22	34

Цанги ER





Обозн.	d	D1	D	D2	L
ER32-02	2-1	32	33	29.2	40
ER32-03	3-2	32	33	29.2	40
ER32-04	4-3	32	33	29.2	40
ER32-05	5-4	32	33	29.2	40
ER32-06	6-5	32	33	29.2	40
ER32-07	7-6	32	33	29.2	40
ER32-08	8-7	32	33	29.2	40
ER32-09	9-8	32	33	29.2	40
ER32-10	10-9	32	33	29.2	40
ER32-11	11-10	32	33	29.2	40
ER32-12	12-11	32	33	29.2	40
ER32-13	13-12	32	33	29.2	40
ER32-14	14-13	32	33	29.2	40
ER32-15	15-14	32	33	29.2	40
ER32-16	16-15	32	33	29.2	40
ER32-17	17-16	32	33	29.2	40
ER32-18	18-17	32	33	29.2	40
ER32-19	19-18	32	33	29.2	40
ER32-20	20-19	32	33	29.2	40
ER40-03	3-2	40	41	36.2	46
ER40-04	4-3	40	41	36.2	46
ER40-05	5-4	40	41	36.2	46
ER40-06	6-5	40	41	36.2	46
ER40-07	7-6	40	41	36.2	46
ER40-08	8-7	40	41	36.2	46
ER40-09	9-8	40	41	36.2	46
ER40-10	10-9	40	41	36.2	46
ER40-11	11-10	40	41	36.2	46
ER40-12	12-11	40	41	36.2	46
ER40-13	13-12	40	41	36.2	46

Обозн.	d	D1	D	D2	L
ER40-14	14-13	40	41	36.2	46
ER40-15	15-14	40	41	36.2	46
ER40-16	16-15	40	41	36.2	46
ER40-17	17-16	40	41	36.2	46
ER40-18	18-17	40	41	36.2	46
ER40-19	19-18	40	41	36.2	46
ER40-20	20-19	40	41	36.2	46
ER40-21	21-20	40	41	36.2	46
ER40-22	22-21	40	41	36.2	46
ER40-23	23-22	40	41	36.2	46
ER40-24	24-23	40	41	36.2	46
ER40-25	25-24	40	41	36.2	46
ER40-26	26-25	40	41	36.2	46
ER50-06	6-4	50	52	46	60
ER50-08	8-6	50	52	46	60
ER50-10	10-8	50	52	46	60
ER50-12	12-10	50	52	46	60
ER50-14	14-12	50	52	46	60
ER50-16	16-14	50	52	46	60
ER50-18	18-16	50	52	46	60
ER50-20	20-18	50	52	46	60
ER50-22	22-20	50	52	46	60
ER50-24	24-22	50	52	46	60
ER50-26	26-24	50	52	46	60
ER50-28	28-26	50	52	46	60
ER50-30	30-28	50	52	46	60
ER50-32	32-30	50	52	46	60
ER50-34	34-32	50	52	46	60

Наборы цанг

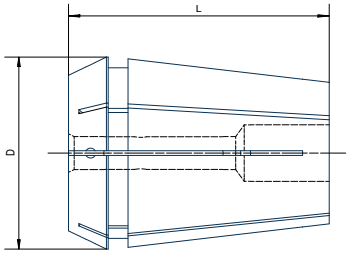




Обозначение	Диметр цанг	Шт. в наборе
ER8-9 PCS	1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5	9
ER8-5 PCS	1, 2, 3, 4, 5	5
ER11-7 PCS	1, 2, 3, 4, 5, 6, 7	7
ER11-13 PCS	1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7	13
ER16-10 PCS	1, 2, 3, 4, 5, 6, 7, 8, 9, 10	10
ER20-13 PCS	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13	13
ER25-15 PCS	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	15
ER32-18 PCS	3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20	18
ER40-23 PCS	4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26	23

Цанги ER с резиновым уплотнением для подвода СОЖ через инструмент





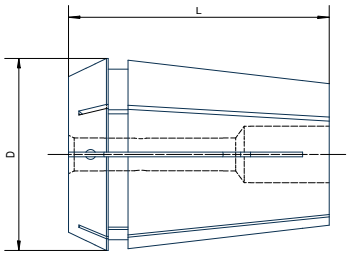
Обозн.	D	L	Диаметр
ERS16-03	16.74	27.5	3
ERS16-04	16.74	27.5	4
ERS16-05	16.74	27.5	5
ERS16-06	16.74	27.5	6
ERS16-07	16.74	27.5	7
ERS16-08	16.74	27.5	8
ERS16-09	16.74	27.5	9
ERS16-10	16.74	27.5	10
ERS20-03	20.74	31.5	3
ERS20-04	20.74	31.5	4
ERS20-05	20.74	31.5	5
ERS20-06	20.74	31.5	6
ERS20-07	20.74	31.5	7
ERS20-08	20.74	31.5	8
ERS20-09	20.74	31.5	9
ERS20-10	20.74	31.5	10
ERS20-11	20.74	31.5	11
ERS20-12	20.74	31.5	12
ERS20-13	20.74	31.5	13
ERS25-03	25.74	34	3
ERS25-04	25.74	34	4
ERS25-05	25.74	34	5
ERS25-06	25.74	34	6
ERS25-07	25.74	34	7
ERS25-08	25.74	34	8
ERS25-09	25.74	34	9
ERS25-10	25.74	34	10
ERS25-11	25.74	34	11
ERS25-12	25.74	34	12
ERS25-13	25.74	34	13
ERS25-14	25.74	34	14
ERS25-15	25.74	34	15
ERS25-16	25.74	34	16

Обозн.	D	L	Диаметр
ERS16-03	16.74	27.5	3
ERS16-04	16.74	27.5	4
ERS16-05	16.74	27.5	5
ERS16-06	16.74	27.5	6
ERS16-07	16.74	27.5	7
ERS16-08	16.74	27.5	8
ERS16-09	16.74	27.5	9
ERS16-10	16.74	27.5	10
ERS20-03	20.74	31.5	3
ERS20-04	20.74	31.5	4
ERS20-05	20.74	31.5	5
ERS20-06	20.74	31.5	6
ERS20-07	20.74	31.5	7
ERS20-08	20.74	31.5	8
ERS20-09	20.74	31.5	9
ERS20-10	20.74	31.5	10
ERS20-11	20.74	31.5	11
ERS20-12	20.74	31.5	12
ERS20-13	20.74	31.5	13
ERS25-03	25.74	34	3
ERS25-04	25.74	34	4
ERS25-05	25.74	34	5
ERS25-06	25.74	34	6
ERS25-07	25.74	34	7
ERS25-08	25.74	34	8
ERS25-09	25.74	34	9
ERS25-10	25.74	34	10
ERS25-11	25.74	34	11
ERS25-12	25.74	34	12
ERS25-13	25.74	34	13
ERS25-14	25.74	34	14
ERS25-15	25.74	34	15
ERS25-16	25.74	34	16

Примечание: может зажиматься только номинальный диаметр инструмента для внутреннего подвода СОЖ

Цанги ER с резиновым уплотнением для подвода СОЖ через инструмент





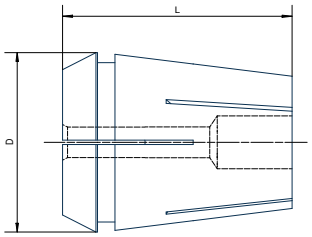
Обозн.	D	L	Диаметр
ERS32-03	32.74	40	3
ERS32-04	32.74	40	4
ERS32-05	32.74	40	5
ERS32-06	32.74	40	6
ERS32-07	32.74	40	7
ERS32-08	32.74	40	8
ERS32-09	32.74	40	9
ERS32-10	32.74	40	10
ERS32-11	32.74	40	11
ERS32-12	32.74	40	12
ERS32-13	32.74	40	13
ERS32-14	32.74	40	14
ERS32-15	32.74	40	15
ERS32-16	32.74	40	16
ERS32-17	32.74	40	17
ERS32-18	32.74	40	18
ERS32-19	32.74	40	19
ERS32-20	32.74	40	20

Обозн.	D	L	Диаметр
ERS40-04	40.74	46	4
ERS40-05	40.74	46	5
ERS40-06	40.74	46	6
ERS40-07	40.74	46	7
ERS40-08	40.74	46	8
ERS40-09	40.74	46	9
ERS40-10	40.74	46	10
ERS40-11	40.74	46	11
ERS40-12	40.74	46	12
ERS40-13	40.74	46	13
ERS40-14	40.74	46	14
ERS40-15	40.74	46	15
ERS40-16	40.74	46	16
ERS40-17	40.74	46	17
ERS40-18	40.74	46	18
ERS40-19	40.74	46	19
ERS40-20	40.74	46	20
ERS40-21	40.74	46	21
ERS40-22	40.74	46	22
ERS40-23	40.74	46	23
ERS40-24	40.74	46	24
ERS40-25	40.74	46	25
ERS40-26	40.74	46	26

Примечание: может зажиматься только номинальный диаметр инструмента для внутреннего подвода СОЖ

Цанги ER для подвода СОЖ через инструмент





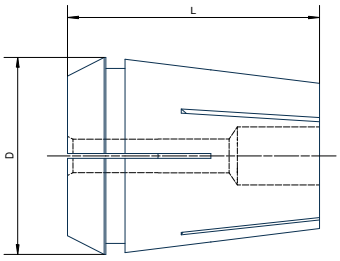
Обозн.	D	L	Диаметр
ER11SS-03	11.3	18	3
ER11SS-03.5	11.3	18	3.5
ER11SS-04	11.3	18	4
ER11SS-04.5	11.3	18	4.5
ER11SS-05	11.3	18	5
ER11SS-05.5	11.3	18	5.5
ER11SS-06	11.3	18	6
ER11SS-06.5	11.3	18	6.5
ER11SS-07	11.3	18	7
ER16SS-03	16.74	27.5	3
ER16SS-04	16.74	27.5	4
ER16SS-05	16.74	27.5	5
ER16SS-06	16.74	27.5	6
ER16SS-07	16.74	27.5	7
ER16SS-08	16.74	27.5	8
ER16SS-09	16.74	27.5	9
ER16SS-10	16.74	27.5	10
ER20SS-03	20.74	31.5	3
ER20SS-04	20.74	31.5	4
ER20SS-05	20.74	31.5	5
ER20SS-06	20.74	31.5	6
ER20SS-07	20.74	31.5	7
ER20SS-08	20.74	31.5	8
ER20SS-09	20.74	31.5	9
ER20SS-10	20.74	31.5	10
ER20SS-11	20.74	31.5	11
ER20SS-12	20.74	31.5	12
ER20SS-13	20.74	31.5	13

Обозн.	D	L	Диаметр
ER25SS-03	25.74	34	3
ER25SS-04	25.74	34	4
ER25SS-05	25.74	34	5
ER25SS-06	25.74	34	6
ER25SS-07	25.74	34	7
ER25SS-08	25.74	34	8
ER25SS-09	25.74	34	9
ER25SS-10	25.74	34	10
ER25SS-11	25.74	34	11
ER25SS-12	25.74	34	12
ER25SS-13	25.74	34	13
ER25SS-14	25.74	34	14
ER25SS-15	25.74	34	15
ER25SS-16	25.74	34	16

Примечание: может зажиматься только номинальный диаметр инструмента для внутреннего подвода СОЖ

Цанги ER для подвода СОЖ через инструмент





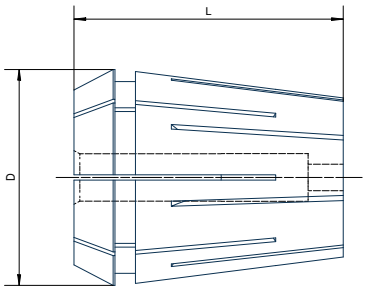
Обозн.	D	L	Диаметр
ER32SS-03	32.74	40	3
ER32SS-04	32.74	40	4
ER32SS-05	32.74	40	5
ER32SS-06	32.74	40	6
ER32SS-07	32.74	40	7
ER32SS-08	32.74	40	8
ER32SS-09	32.74	40	9
ER32SS-10	32.74	40	10
ER32SS-11	32.74	40	11
ER32SS-12	32.74	40	12
ER32SS-13	32.74	40	13
ER32SS-14	32.74	40	14
ER32SS-15	32.74	40	15
ER32SS-16	32.74	40	16
ER32SS-17	32.74	40	17
ER32SS-18	32.74	40	18
ER32SS-19	32.74	40	19
ER32SS-20	32.74	40	20

Обозн.	D	L	Диаметр
ER40SS-04	40.74	46	4
ER40SS-05	40.74	46	5
ER40SS-06	40.74	46	6
ER40SS-07	40.74	46	7
ER40SS-08	40.74	46	8
ER40SS-09	40.74	46	9
ER40SS-10	40.74	46	10
ER40SS-11	40.74	46	11
ER40SS-12	40.74	46	12
ER40SS-13	40.74	46	13
ER40SS-14	40.74	46	14
ER40SS-15	40.74	46	15
ER40SS-16	40.74	46	16
ER40SS-17	40.74	46	17
ER40SS-18	40.74	46	18
ER40SS-19	40.74	46	19
ER40SS-20	40.74	46	20
ER40SS-21	40.74	46	21
ER40SS-22	40.74	46	22
ER40SS-23	40.74	46	23
ER40SS-24	40.74	46	24
ER40SS-25	40.74	46	25
ER40SS-26	40.74	46	26

Примечание: может зажиматься только номинальный диаметр инструмента для внутреннего подвода СОЖ

Цанги ER для метчиков



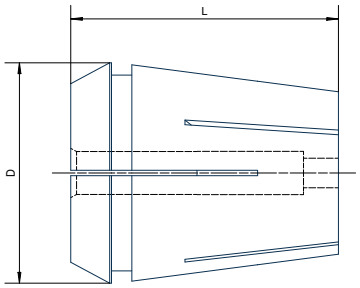


Обозначение	D	L	Диаметр x квадрат
ER16G (3.5*2.7)	16.74	27.5	3.5*2.7
ER16G (4.0*3.0)	16.74	27.5	4.0*3.0
ER16G (4.5*3.4)	16.74	27.5	4.5*3.4
ER16G (5.5*4.3)	16.74	27.5	5.5*4.3
ER16G (6*4.9)	16.74	27.5	6*4.9
ER16G (7*5.5)	16.74	27.5	7*5.5
ER16G (8*6.2)	16.74	27.5	8*6.2
ER20G (3.5*2.7)	20.74	31.5	3.5*2.7
ER20G (4.0*3.0)	20.74	31.5	4.0*3.0
ER20G (4.5*3.4)	20.74	31.5	4.5*3.4
ER20G (5.5*4.3)	20.74	31.5	5.5*4.3
ER20G (6.0*4.9)	20.74	31.5	6.0*4.9
ER20G (7*5.5)	20.74	31.5	7*5.5
ER20G (8*6.2)	20.74	31.5	8*6.2
ER20G (9*7.0)	20.74	31.5	9*7.0
ER20G (10*8.0)	20.74	31.5	10*8.0
ER25G (3.5*2.7)	25.74	34	3.5*2.7
ER25G (4.0*3.0)	25.74	34	4.0*3.0
ER25G (4.5*3.4)	25.74	34	4.5*3.4
ER25G (5.5*4.3)	25.74	34	5.5*4.3
ER25G (6.0*4.9)	25.74	34	6.0*4.9
ER25G (7.0*5.5)	25.74	34	7.0*5.5
ER25G (8.0*6.2)	25.74	34	8.0*6.2
ER25G (9*7.0)	25.74	34	9*7.0
ER25G (10*8.0)	25.74	34	10*8.0
ER25G (11*9.0)	25.74	34	11*9.0
ER25G (12*9.0)	25.74	34	12*9.0
ER25G (14*11.0)	25.74	34	14*11.0
ER25G (16*12.0)	25.74	34	16*12.0

Обозначение	D	L	Диаметр x квадрат
ER32G (3.5*2.7)	32.74	40	3.5 x 2.7
ER32G (4.0*3.0)	32.74	40	4.0 x 3.0
ER32G (4.5*3.4)	32.74	40	4.5 x 3.4
ER32G (5.5*4.3)	32.74	40	5.5 x 4.3
ER32G (6.0*4.9)	32.74	40	6.0 x 4.9
ER32G (7.0*5.5)	32.74	40	7.0 x 5.5
ER32G (8.0*6.2)	32.74	40	8.0 x 6.2
ER32G (9.0*7.0)	32.74	40	9.0 x 7.0
ER32G (10*8.0)	32.74	40	10 x 8.0
ER32G (11*9.0)	32.74	40	11 x 9.0
ER32G (12*9.0)	32.74	40	12 x 9.0
ER32G (14*11.0)	32.74	40	14 x 11.0
ER32G (16*12.0)	32.74	40	16 x 12.0
ER32G (18*14.5)	32.74	40	18 x 14.5
ER32G (20*16.0)	32.74	40	20 x 16.0
ER40G (3.5*2.7)	40.74	46	3.5 x 2.7
ER40G (4.0*3.0)	40.74	46	4.0 x 3.0
ER40G (4.5*3.4)	40.74	46	4.5 x 3.4
ER40G (5.5*4.3)	40.74	46	5.5 x 4.3
ER40G (6.0*4.9)	40.74	46	6.0 x 4.9
ER40G (7.0*5.5)	40.74	46	7.0 x 5.5
ER40G (8.0*6.2)	40.74	46	8.0 x 6.2
ER40G (9.0*7.0)	40.74	46	9.0 x 7.0
ER40G (10.0*8.0)	40.74	46	10.0 x 8.0
ER40G (11*9.0)	40.74	46	11 x 9.0
ER40G (12*9.0)	40.74	46	12 x 9.0
ER40G (14*11.0)	40.74	46	14 x 11.0
ER40G (16*12.0)	40.74	46	16 x 12.0
ER40G (18*14.5)	40.74	46	18 x 14.5
ER40G (20*16.0)	40.74	46	20 x 16.0
ER40G (22*18.0)	40.74	46	22 x 18.0
ER40G (25*20.0)	40.74	46	25 x 20.0

Цанги ER для метчиков с подводом СОЖ через инструмент



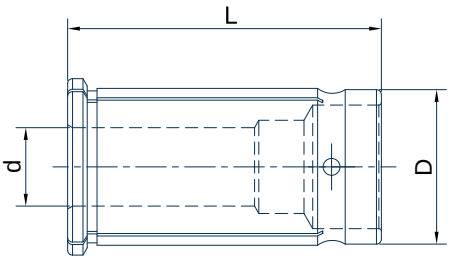


Обозначение	D	L	Диаметр x квадрат
ERS16G (3.5*2.7)	16.74	27.5	3.5 x 2.7
ERS16G (4.0*3.0)	16.74	27.5	4.0 x 3.0
ERS16G (4.5*3.4)	16.74	27.5	4.5 x 3.4
ERS16G (5.5*4.3)	16.74	27.5	5.5 x 4.3
ERS16G (6*4.9)	16.74	27.5	6 x 4.9
ERS16G (7*5.5)	16.74	27.5	7 x 5.5
ERS16G (8*6.2)	16.74	27.5	8 x 6.2
ERS20G (3.5*2.7)	20.74	31.5	3.5 x 2.7
ERS20G (4.0*3.0)	20.74	31.5	4.0 x 3.0
ERS20G (4.5*3.4)	20.74	31.5	4.5 x 3.4
ERS20G (5.5*4.3)	20.74	31.5	5.5 x 4.3
ERS20G (6.0*4.9)	20.74	31.5	6.0 x 4.9
ERS20G (7*5.5)	20.74	31.5	7 x 5.5
ERS20G (8*6.2)	20.74	31.5	8 x 6.2
ERS20G (9*7.0)	20.74	31.5	9 x 7.0
ERS20G (10*8.0)	20.74	31.5	10 x 8.0
ERS25G (3.5*2.7)	25.74	34	3.5 x 2.7
ERS25G (4.0*3.0)	25.74	34	4.0 x 3.0
ERS25G (4.5*3.4)	25.74	34	4.5 x 3.4
ERS25G (5.5*4.3)	25.74	34	5.5 x 4.3
ERS25G (6.0*4.9)	25.74	34	6.0 x 4.9
ERS25G (7.0*5.5)	25.74	34	7.0 x 5.5
ERS25G (8.0*6.2)	25.74	34	8.0 x 6.2
ERS25G (9*7.0)	25.74	34	9 x 7.0
ERS25G (10*8.0)	25.74	34	10 x 8.0
ERS25G (11*9.0)	25.74	34	11 x 9.0
ERS25G (12*9.0)	25.74	34	12 x 9.0
ERS25G (14*11.0)	25.74	34	14 x 11.0
ERS25G (16*12.0)	25.74	34	16 x 12.0

Обозначение	D	L	Диаметр x квадрат
ERS32G (3.5*2.7)	32.74	40	3.5 x 2.7
ERS32G (4.0*3.0)	32.74	40	4.0 x 3.0
ERS32G (4.5*3.4)	32.74	40	4.5 x 3.4
ERS32G (5.5*4.3)	32.74	40	5.5 x 4.3
ERS32G (6.0*4.9)	32.74	40	6.0 x 4.9
ERS32G (7.0*5.5)	32.74	40	7.0 x 5.5
ERS32G (8.0*6.2)	32.74	40	8.0 x 6.2
ERS32G (9.0*7.0)	32.74	40	9.0 x 7.0
ERS32G (10*8.0)	32.74	40	10 x 8.0
ERS32G (11*9.0)	32.74	40	11 x 9.0
ERS32G (12*9.0)	32.74	40	12 x 9.0
ERS32G (14*11.0)	32.74	40	14 x 11.0
ERS32G (16*12.0)	32.74	40	16 x 12.0
ERS32G (18*14.5)	32.74	40	18 x 14.5
ERS32G (20*16.0)	32.74	40	20 x 16.0
ERS40G (3.5*2.7)	40.74	46	3.5 x 2.7
ERS40G (4.0*3.0)	40.74	46	4.0 x 3.0
ERS40G (4.5*3.4)	40.74	46	4.5 x 3.4
ERS40G (5.5*4.3)	40.74	46	5.5 x 4.3
ERS40G (6.0*4.9)	40.74	46	6.0 x 4.9
ERS40G (7.0*5.5)	40.74	46	7.0 x 5.5
ERS40G (8.0*6.2)	40.74	46	8.0 x 6.2
ERS40G (9.0*7.0)	40.74	46	9.0 x 7.0
ERS40G (10.0*8.0)	40.74	46	10.0 x 8.0
ERS40G (11*9.0)	40.74	46	11 x 9.0
ERS40G (12*9.0)	40.74	46	12 x 9.0
ERS40G (14*11.0)	40.74	46	14 x 11.0
ERS40G (16*12.0)	40.74	46	16 x 12.0
ERS40G (18*14.5)	40.74	46	18 x 14.5
ERS40G (20*16.0)	40.74	46	20 x 16.0
ERS40G (22*18.0)	40.74	46	22 x 18.0
ERS40G (25*20.0)	40.74	46	25 x 20.0

Втулки SC для силового фрезерного патрона типа HC



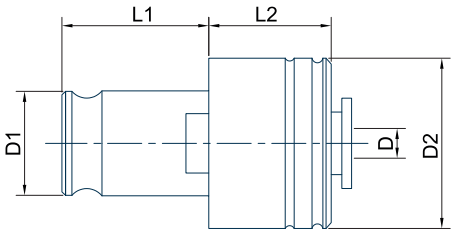


Обозначение	d	D	L
SC16-03	3	16	45
SC16-04	4	16	45
SC16-05	5	16	45
SC16-06	6	16	45
SC16-08	8	16	45
SC16-10	10	16	45
SC16-12	12	16	45
SC20-03	3	20	50
SC20-04	4	20	50
SC20-05	5	20	50
SC20-06	6	20	50
SC20-08	8	20	50
SC20-10	10	20	50
SC20-12	12	20	50
SC20-14	14	20	50
SC20-16	16	20	50
SC25-03	3	25	60
SC25-04	4	25	60
SC25-05	5	25	60
SC25-06	6	25	60
SC25-08	8	25	60
SC25-10	10	25	60
SC25-12	12	25	60
SC25-14	14	25	60
SC25-16	16	25	60
SC25-18	18	25	60
SC25-20	20	25	60

Обозначение	d	D	L
SC32-03	3	32	64
SC32-04	4	32	64
SC32-05	5	32	64
SC32-06	6	32	64
SC32-08	8	32	64
SC32-10	10	32	64
SC32-12	12	32	64
SC32-14	14	32	64
SC32-16	16	32	64
SC32-18	18	32	64
SC32-20	20	32	64
SC32-25	25	32	64
SC42-03	3	42	80
SC42-04	4	42	80
SC42-05	5	42	80
SC42-06	6	42	80
SC42-08	8	42	80
SC42-10	10	42	80
SC42-12	12	42	80
SC42-14	14	42	80
SC42-16	16	42	80
SC42-18	18	42	80
SC42-20	20	42	80
SC42-22	22	42	80
SC42-24	24	42	80
SC42-25	25	42	80
SC42-28	28	42	80
SC42-30	30	42	80
SC42-32	32	42	80

Головка быстросменная предохранительная для метчика

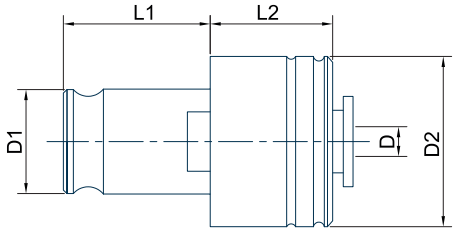




Обозначение	Цанга	M	D	□	D1	D2	L1	L2
FES1 M2(2.8x2.1)	FES 1	M2	2.8	2.1	19	33	21.5	25
FES1 M3(3.5x2.7)	FES 1	M3	3.5	2.7	19	33	21.5	25
FES1 M3.5(4x3)	FES 1	M3.5	4	3	19	33	21.5	25
FES1 M4(5x4)	FES 1	M4	5	4	19	33	21.5	25
FES1 M4(4.5x3.4)	FES 1	M4	4.5	3.4	19	33	21.5	25
FES1 M5(6x4.9)	FES 1	M5	6	4.9	19	33	21.5	25
FES1 M6(6.3x5)	FES 1	M6	6.3	5	19	33	21.5	25
FES1 M6(6x4.9)	FES 1	M6	6	4.9	19	33	21.5	25
FES1 M8(8x6.3)	FES 1	M8	8	6.3	19	33	21.5	25
FES1 M10(10x8)	FES 1	M10	10	8	19	33	21.5	25
FES1 M10(7x5.5)	FES 1	M10	7	5.5	19	33	21.5	25
FES1 M12(9x7.1)	FES 1	M12	9	7.1	19	33	21.5	25
FES1 M14(11x9)	FES 1	M14	11	9	19	33	21.5	25

Головка быстросменная предохранительная для метчика

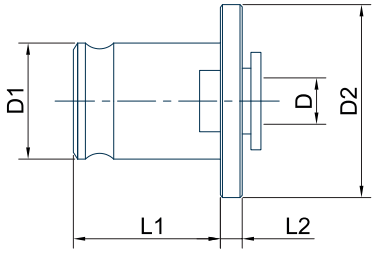




Обозначение	Цанга	M	D	□	D1	D2	L1	L2
FES2 M5(6x4.9)	FES 2	M5	6	4.9	31	51	35	35
FES2 M6(6.3x5)	FES 2	M6	6.3	5	31	51	35	35
FES2 M6(6x4.9)	FES 2	M6	6	4.9	31	51	35	35
FES2 M8(8x6.3)	FES 2	M8	8	6.3	31	51	35	35
FES2 M10(10x8)	FES 2	M10	10	8	31	51	35	35
FES2 M10(7x5.5)	FES 2	M10	7	5.5	31	51	35	35
FES2 M12(9v7.1)	FES 2	M12	9	7.1	31	51	35	35
FES2 M12(9x7)	FES 2	M12	9	7	31	51	35	35
FES2 M14(11x9)	FES 2	M14	11	9	31	51	35	35
FES2 M16(12.5x10)	FES 2	M16	12.5	10	31	51	35	35
FES2 M16(12x9)	FES 2	M16	12	9	31	51	35	35
FES2 M18(14x11)	FES 2	M18	14	11	31	51	35	35
FES2 M20(16x12)	FES 2	M20	16	12	31	51	35	35
FES2 M22(18x14.5)	FES 2	M22	18	14.5	31	51	35	35
FES2 M24(18x14.5)	FES 2	M24	18	14.5	31	51	35	35
FES2 M24(16x12.5)	FES 2	M24	16	12.5	31	51	35	35
FES3 M14(11x9)	FES 3	M14	11	9	48	73	55.5	45
FES3 M16(12x9)	FES 3	M16	12	9	48	73	55.5	45
FES3 M18(14x11)	FES 3	M18	14	11	48	73	55.5	45
FES3 M20(16x12)	FES 3	M20	16	12	48	73	55.5	45
FES3 M22(18x14.5)	FES 3	M22	18	14.5	48	73	55.5	45
FES3 M24(18x14.5)	FES 3	M24	18	14.5	48	73	55.5	45
FES3 M27(20x16)	FES 3	M27	20	16	48	73	55.5	45
FES3 M30(22x18)	FES 3	M30	22	18	48	73	55.5	45
FES3 M33(25x20)	FES 3	M33	25	20	48	73	55.5	45
FES3 M36(28x22)	FES 3	M36	28	22	48	73	55.5	45

Головка быстросменная для метчика

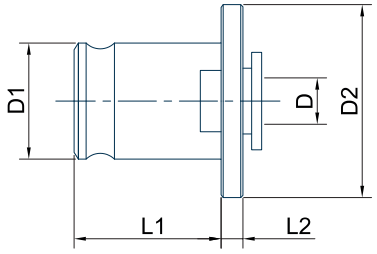




Обозначение	Цанга	M	D	□	D1	D2	L1	L2
FE1 M2(2.8x2.1)	FE 1	M2	2.8	2.1	19	30	21.5	7
FE1 M3(3.5x2.7)	FE 1	M3	3.5	2.7	19	30	21.5	7
FE1 M4(5x4)	FE 1	M4	5	4	19	30	21.5	7
FE1 M4(4.5x3.4)	FE 1	M4	4.5	3.4	19	30	21.5	7
FE1 M6(6x4.9)	FE 1	M6	6	4.9	19	30	21.5	7
FE1 M8(8x6.2)	FE 1	M8	8	6.2	19	30	21.5	7
FE1 M10(10x8)	FE 1	M10	10	8	19	30	21.5	7
FE1 M10(7x5.5)	FE 1	M10	7	5.5	19	30	21.5	7
FE1 M12(9x7)	FE 1	M12	9	7	19	30	21.5	7
FE2 M8(6x4.9)	FE 2	M8	6	4.9	31	48	35	11
FE2 M8(8x6.2)	FE 2	M8	8	6.2	31	48	35	11
FE2 M10(10x8)	FE 2	M10	10	8	31	48	35	11
FE2 M10(7x5.5)	FE 2	M10	7	5.5	31	48	35	11
FE2 M12(9x7.1)	FE 2	M12	9	7.1	31	48	35	11
FE2 M14(11x9)	FE 2	M14	11	9	31	48	35	11
FE2 M16(12x9)	FE 2	M16	12	9	31	48	35	11
FE2 M18(14x11)	FE 2	M18	14	11	31	48	35	11
FE2 M20(16x12)	FE 2	M20	16	12	31	48	35	11

Головка быстросменная для метчика

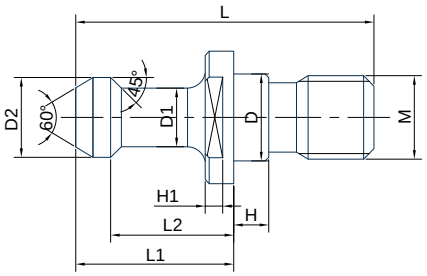




Обозначение	Цанга	M	D	□	D1	D2	L1	L2
FE3 M14(11x9)	FE 3	M14	11	9	48	70	55.5	13.5
FE3 M16(12x9)	FE 3	M16	12	9	48	70	55.5	13.5
FE3 M18(14x11)	FE 3	M18	14	11	48	70	55.5	13.5
FE3 M20(16x12)	FE 3	M20	16	12	48	70	55.5	13.5
FE3 M24(18x14.5)	FE 3	M24	18	14.5	48	70	55.5	13.5
FE3 M27(20x16)	FE 3	M27	20	16	48	70	55.5	13.5
FE3 M30(22x18)	FE 3	M30	22	18	48	70	55.5	13.5
FE3 M33(25x20)	FE 3	M33	25	20	48	70	55.5	13.5
FE3 M36(28x22)	FE 3	M36	28	22	48	70	55.5	13.5

Штревели для конусов BT



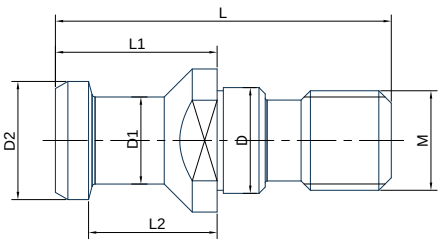


Обозначение	D	D1	D2	M	L	L1	L2	H	H1	Ø
BT30-45	12.5	7	11	M12	43	23	18	4	3.5	45
BT30-60	12.5	7	11	M12	43	23	18	4	3.5	60
BT30-90	12.5	7	11	M12	43	23	18	4	3.5	90
BT40-45	17	10	15	M16	60	35	28	5	4	45
BT40-60	17	10	15	M16	60	35	28	5	4	60
BT40-90	17	10	15	M16	60	35	28	5	4	90
BT50-45	25	17	23	M24	85	45	35	8	8	45
BT50-60	25	17	23	M24	85	45	35	8	8	60
BT50-90	25	17	23	M24	85	45	35	8	8	90
BT30C-45	12.5	7	11	M12	43	23	18	4	3.5	45
BT30C-60	12.5	7	11	M12	43	23	18	4	3.5	60
BT30C-90	12.5	7	11	M12	43	23	18	4	3.5	90
BT40C-45	17	10	15	M16	60	35	28	5	4	45
BT40C-60	17	10	15	M16	60	35	28	5	4	60
BT40C-90	17	10	15	M16	60	35	28	5	4	90
BT50C-45	25	17	23	M24	85	45	35	8	8	45
BT50C-60	25	17	23	M24	85	45	35	8	8	60
BT50C-90	25	17	23	M24	85	45	35	8	8	90
BT30CO-45	12.5	7	11	M12	43	23	18	4	3.5	45
BT30CO-60	12.5	7	11	M12	43	23	18	4	3.5	60
BT30CO-90	12.5	7	11	M12	43	23	18	4	3.5	90
BT40CO-45	17	10	15	M16	60	35	28	5	4	45
BT40CO-60	17	10	15	M16	60	35	28	5	4	60
BT40CO-90	17	10	15	M16	60	35	28	5	4	90
BT50CO-45	25	17	23	M24	85	45	35	8	8	45
BT50CO-60	25	17	23	M24	85	45	35	8	8	60
BT50CO-90	25	17	23	M24	85	45	35	8	8	90

C: сквозное отверстие
O: с уплотнительным кольцом
Дополнительные размеры доступны по запросу

Штревели для конусов SK



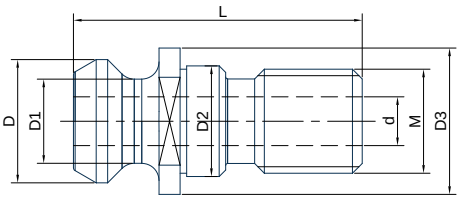


Обозначение	D	D1	D2	M	L	L1	L2
SK-30A	13	9	13	M12	44	24	19
SK-40A	17	14	19	M16	54	26	20
SK-50A	25	21	28	M24	74	34	25
SK-30AO	13	9	13	M12	44	24	19
SK-40AO	17	14	19	M16	54	26	20
SK-50AO	25	21	28	M24	74	34	25
SK-30B	13	9	13	M12	44	24	19
SK-40B	17	14	19	M16	54	26	20
SK-50B	25	21	28	M24	74	34	25
SK-30BO	13	9	13	M12	44	24	19
SK-40BO	17	14	19	M16	54	26	20
SK-50BO	25	21	28	M24	74	34	25

A: сквозное отверстие, без уплотнительного кольца
B: без сквозного отверстия, с уплотнительным кольцом
Дополнительные размеры доступны по запросу

Штревели для конусов ISO 7388

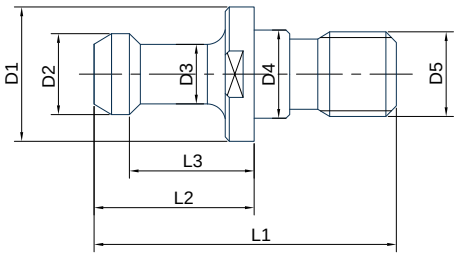




Обозначение	D3	D2	D1	D	M	L	d
ISO7388-40A	23	17	14	19	M16	54	7
ISO7388-50A	38	25	21	28	M24	74	10
ISO7388-40B	22.5	17	12.95	18.95	M16	44.4	7.35
ISO7388-50B	37	25	19.6	29.1	M24	66.55	11.55

Штревели для конусов ISO

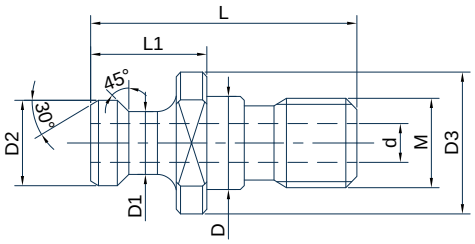




Обозначение	L1	L2	L3	D1	D2	D3	D4	D5
ISO20	26	12	9	12	9	6	8.5	M8
ISO25	28	12	9	13	11	7	8.5	M8
ISO30	44	24	19	17	13	9	13	M12

Штревели для станков Mazak



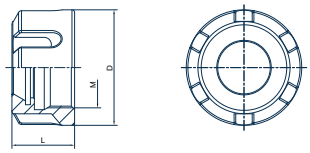


Обозначение	L	L1	D2	D1	D3	D	d	M
Mazak-BT40 C	44.1	19.1	18.8	12.45	22	17	7	M16
Mazak-BT50 C	65.2	25.2	29	20.83	37	25	10	M24
Mazak-BT40 CO	44.1	19.1	18.8	12.45	22	17	7	M16
Mazak-BT50 CO	65.2	25.2	29	20.83	37	25	10	M24

Гайки для патронов ER

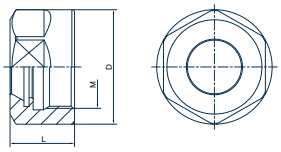
UM





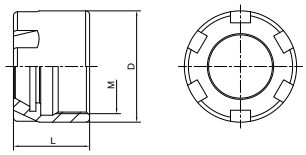
HEX





Mini





UM

Обозначение	D	d	L	M
ER16-UM	32	26	17.5	M22X1.5
ER20-UM	35	29	19	M25X1.5
ER25-UM	42	36	20	M32X1.5
ER32-UM	50	44	22.5	M40X1.5
ER40-UM	63	57	25.5	M50X1.5
ER50-UM	78	71	35.5	M64X2

HEX

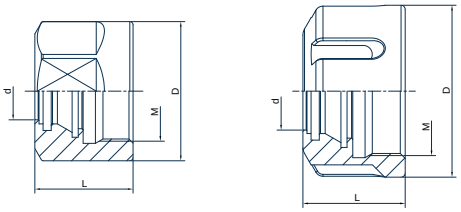
Обозначение	D	d	L	M
ER11-A	19	17	11.3	M14X0.75
ER16-A	28	25	17.5	M22X1.5
ER20-A	34	30	19	M25X1.5

Mini

Обозначение	D	d	L	M
ER8-M	12	10	10	M10X0.75
ER11-M	16	12	12	M13X0.75
ER16-M	22	17.2	18	M19X1
ER20-M	28	22.5	19	M24X1
ER25-M	35	28.6	20	M30X1

Гайка герметичная ERS





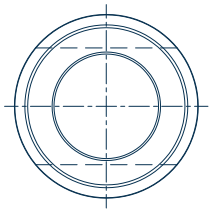
Обозначение	D	d	L	M
ERS16	32	11	22.5	M22×1.5
ERS20	34	14	24	M25×1.5
ERS25	42	19	25	M32×1.5
ERS32	50	24	27.5	M40×1.5
ERS40	63	30	30.5	M50×1.5

Инструкция по установке и снятию уплотнительного диска:

- Вставьте уплотнительный диск меньшим диаметром во внутреннюю часть гайки
- Надавите на диск, чтобы он встал на свое место
- Надавите на диск с обратноей стороны, чтобы извелчь его из гайки

Диск для герметичной гайки ERS





Обозначение	d	D
ERS16-1	1	13
ERS16-2	2	13
ERS16-3	3	13
ERS16-4	4	13
ERS16-5	5	13
ERS16-6	6	13
ERS16-7	7	13
ERS16-8	8	13
ERS16-9	9	13
ERS16-10	10	13
ERS20-1	1	16
ERS20-2	2	16
ERS20-3	3	16
ERS20-4	4	16
ERS20-5	5	16
ERS20-6	6	16
ERS20-7	7	16
ERS20-8	8	16
ERS20-9	9	16
ERS20-10	10	16

Обозначение	d	D
ERS20-11	11	16
ERS20-12	12	16
ERS20-13	13	16
ERS25-2	2	20.7
ERS25-3	3	20.7
ERS25-4	4	20.7
ERS25-5	5	20.7
ERS25-6	6	20.7
ERS25-7	7	20.7
ERS25-8	8	20.7
ERS25-9	9	20.7
ERS25-10	10	20.7
ERS25-11	11	20.7
ERS25-12	12	20.7
ERS25-13	13	20.7
ERS25-14	14	20.7
ERS25-15	15	20.7
ERS25-16	16	20.7
ERS32-2	2	27
ERS32-3	3	27

Диск для герметичной гайки ERS

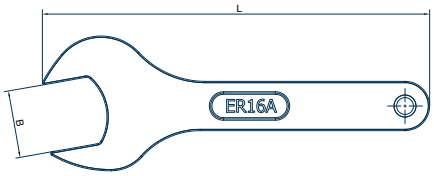


Обозначение	d	D
ERS32-4	4	27
ERS32-5	5	27
ERS32-6	6	27
ERS32-7	7	27
ERS32-8	8	27
ERS32-9	9	27
ERS32-10	10	27
ERS32-11	11	27
ERS32-12	12	27
ERS32-13	13	27
ERS32-14	14	27
ERS32-15	15	27
ERS32-16	16	27
ERS32-17	17	27
ERS32-18	18	27
ERS32-19	19	27
ERS32-20	20	27
ERS40-3	3	33.5
ERS40-4	4	33.5
ERS40-5	5	33.5
ERS40-6	6	33.5
ERS40-7	7	33.5
ERS40-8	8	33.5

Обозначение	d	D
ERS40-9	9	33.5
ERS40-10	10	33.5
ERS40-11	11	33.5
ERS40-12	12	33.5
ERS40-13	13	33.5
ERS40-14	14	33.5
ERS40-15	15	33.5
ERS40-16	16	33.5
ERS40-17	17	33.5
ERS40-18	18	33.5
ERS40-19	19	33.5
ERS40-20	20	33.5
ERS40-21	21	33.5
ERS40-22	22	33.5
ERS40-23	23	33.5
ERS40-24	24	33.5
ERS40-25	25	33.5
ERS40-26	26	33.5

Ключ для гаек ER

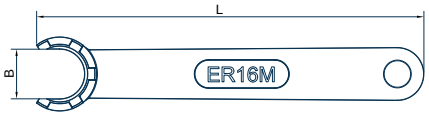




Hex

Обозначение	B	L	Nut
ER11-A	17	110	ER11-A
ER16-A	25	120	ER16-A
ER20-A	30	130	ER20-A



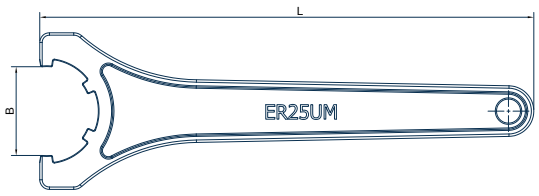


Mini

Обозначение	B	L	Nut
ER8-M	12.9	70	ER8-M
ER11-M	16.7	90	ER11-M
ER16-M	22.4	110	ER16-M
ER20-M	28.9	120	ER20-M
ER25-M	35.8	130	ER25-M

Ключ для гаек ER

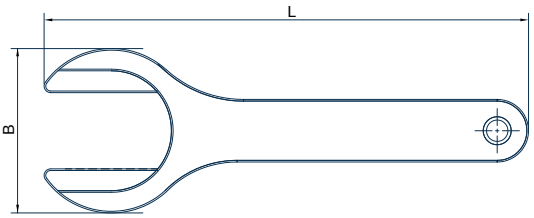




UM

Обозначение	B	L	Nut
ER16-UM	26	180	ER16-UM
ER20-UM	29	190	ER20-UM
ER25-UM	37	210	ER25-UM
ER32-UM	45	250	ER32-UM
ER40-UM	58	290	ER40-UM
ER50-UM	71	350	ER50-UM





MS

Обозначение	B	L
ER8MS	19	76
ER11MS	10	100
ER16MS	15	130
ER20MS	18	160
ER25MS	23	200

Ключ для гаек ER

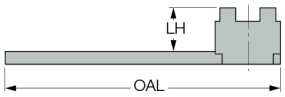




Обозначение	L	Range
SC20	214	55-62
SC25	214	55-62
SC32	235	68-72
SC42	261	78-85

Ключ SEMC для стопорного винта типа RS фрезерных оправок для торцевых фрез

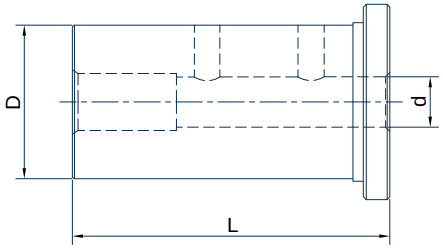




Обозначение	D
SEMC16	16/M8
SEMC22	22/M10
SEMC27	27/M12
SEMC32	32/M16
SEMC40	40/M20

Переходные втулки для расточных державок

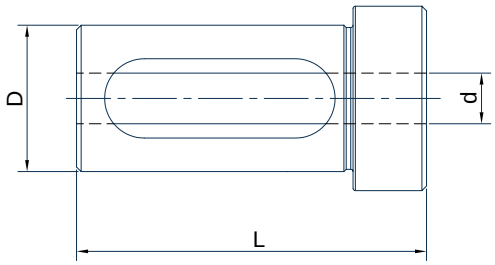




Обозначение	d	D	L
SL25-06	6	25	46
SL25-08	8	25	46
SL25-10	10	25	46
SL25-12	12	25	46
SL32-06	6	32	56
SL32-08	8	32	56
SL32-10	10	32	56
SL32-12	12	32	56
SL40-06	6	40	71
SL40-08	8	40	71
SL40-10	10	40	71
SL40-12	12	40	71

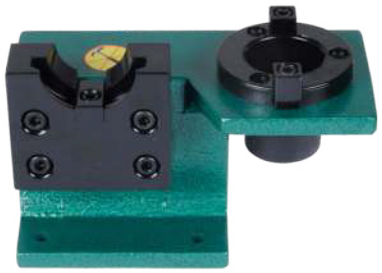
Переходные втулки для расточных державок

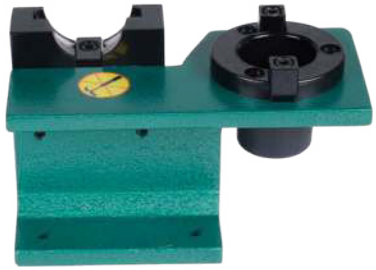




Обозначение	d	D	L
SL25-16	16	25	46
SL25-20	20	25	46
SL32-16	16	32	56
SL32-20	20	32	56
SL32-25	25	32	56
SL40-16	16	40	71
SL40-20	20	40	71
SL40-25	25	40	71
SL40-32	32	40	71

Фиксирующие устройства для конуса BT

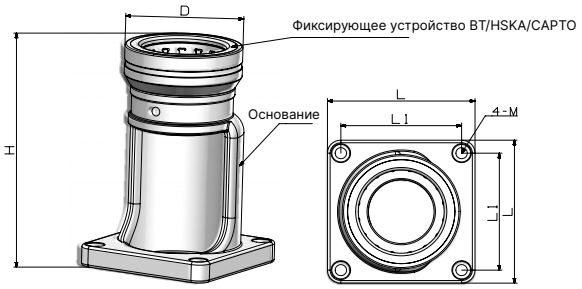




Обозначение	Размеры (мм)	Вес (кг)
BT30	168*88*110	2.7
BT40	186*90*128	3.3
BT50	280*138*180	8.3
SK30(CAT30)	168*88*110	2.7
SK40 (CAT40)	186*90*128	3.3
SK50 (CAT50)	280*138*180	8.3

Фиксирующие устройства (новый тип)

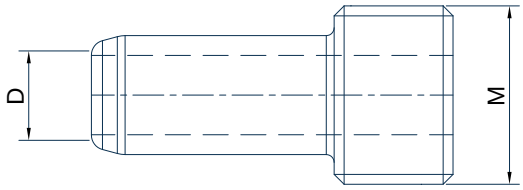




Обозначение	Хвостовик	D	H	L	L1	M
TMS40-32	HSK32, C3	76	168	110	90	M8
TMS40-40	HSK40, C4	76	168	110	90	M8
TMS40-46	BT30	76	168	110	90	M8
TMS40-50	HSK50, SK30, C5	76	168	110	90	M8
TMS40-63	HSK63, BT40, C6	87	172	110	90	M8
TMS40-63.5	CAT40	87	172	110	90	M8
TMS40-63.55	SK40	87	172	110	90	M8
TMS50-80	HSK80, C8	114	219	160	130	M8
TMS50-97.5	SK50	124	219	160	130	M8
TMS50-98.43	CAT50	124	219	160	130	M8
TMS50-100	HSK100, BT50	124	219	160	130	M8

Трубки охлаждения HSK

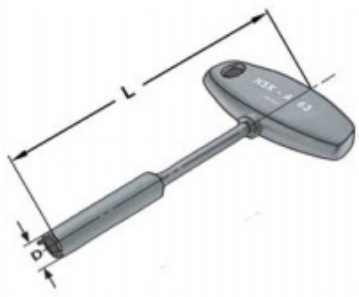




Обозначение	Размер	D	M	L
CT32	HSK32	6	M10×1	26
CT40	HSK40	8	M12×1	29.5
CT50	HSK50	10	M16×1	33
CT63	HSK63	12	M18×1	36.5
CT80	HSK80	14	M20×1.5	40
CT100	HSK100	16	M24×1.5	44

Ключи для трубок охлаждения HSK

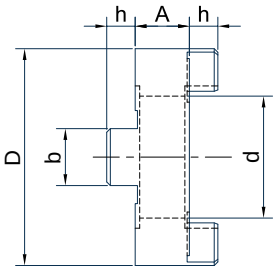




Обозначение	D	L
Wrench HSK 32	8,5	115
Wrench HSK 40	10,5	115
Wrench HSK 50	14,5	115
Wrench HSK 63	16,5	136
Wrench HSK 80	18,5	136
Wrench HSK 100	22,5	136

Приводные кольца

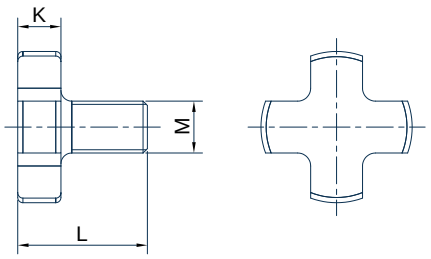




Обозначение	d	D	A	b	h
CDR16	16	32	10	8	5.0
CDR22	22	40	12	10	5.6
CDR27	27	48	12	12	6.3
CDR32	32	58	14	14	7.0
CDR40	40	70	14	16	8.0

Крепежные винты для насадных фрез

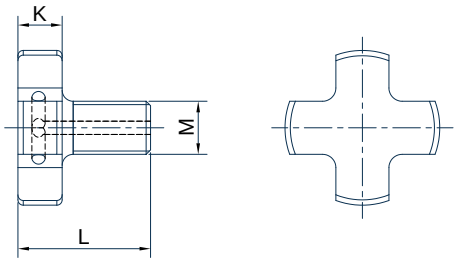




Обозначение	Размер оправки	M	D	K	L
RS16	FMB16	M8x1.25	20	6	16
RS22	FMB22	M10x1.50	28	7	18
RS27	FMB27	M12x1.75	35	8	22
RS32	FMB32	M16x2.00	42	9	26
RS40	FMB40	M20x2.50	52	10	30
RS50	FMB50	M24x3.00	63	12	36
RS60	FMB60	M30x3.50	75	14	45

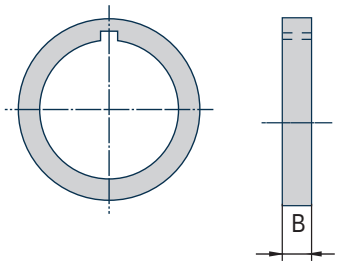
Крепежные винты для насадных фрез, с охлаждением





Обозначение	Размер оправки	M	D	K	L
RS16	FMB16	M8x1.25	20	6	16
RS22	FMB22	M10x1.50	28	7	18
RS27	FMB27	M12x1.75	35	8	22
RS32	FMB32	M16x2.00	42	9	26
RS40	FMB40	M20x2.50	52	10	30
RS50	FMB50	M24x3.00	63	12	36
RS60	FMB60	M30x3.50	75	14	45

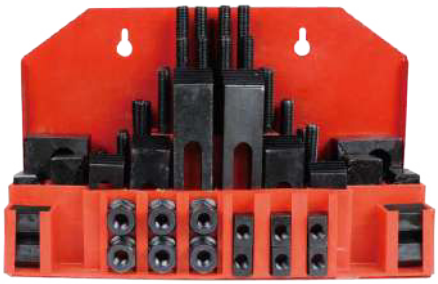
Промежуточные кольца для фрезерных оправок



Обозначение	B
SD13	3 / 5 / 7 / 8 / 10 / 12
SD16	3 / 5 / 7 / 8 / 10 / 12
SD22	3 / 5 / 7 / 8 / 10 / 12
SD27	3 / 5 / 7 / 8 / 10 / 12
SD32	3 / 5 / 7 / 8 / 10 / 12
SD40	3 / 5 / 7 / 8 / 10 / 12
SD50	3 / 5 / 7 / 8 / 10 / 12

Крепежные наборы





Обозначение	Вес (кг)	Упаковка (см)
M8*10-58 шт	6.5	33 x 11 x 20
M10*12-58 шт	7	33 x 11 x 20
M12*14-58 шт	9.5	37 x 11 x 22
M12*16-58 шт	10	37 x 11 x 22
M14*16-58 шт	12	39 x 11 x 22
M14*18-58 шт	12.5	39 x 11 x 22
M16*18-58 шт	16	49 x 13 x 23
M16*20-58 шт	16.5	49 x 13 x 23
M18*20-58 шт	23	38 x 16 x 29
M20*22-58 шт	25	38 x 16 x 29
M22*26-58 шт	40	47 x 25 x 29

Тележки для инструментальной оснастки



Обозначение	Размер тележки	Размер упаковки	Вес (кг)
BT30-36	920 x 475 x 775 мм	700 x 490 x 330 мм	30
BT40-36	920 x 475 x 775 мм	700 x 490 x 330 мм	31
BT50-24	920 x 475 x 775 мм	700 x 490 x 330 мм	32
HSK63-24	920 x 475 x 775 мм	700 x 490 x 330 мм	31

Подставки для инструментальной оснастки



Обозначение	Размер подставки	Размер упаковки	Вес (кг)
BT30-TS12	495 x 240 x 150 мм	525 x 270 x 180 мм	3.4
BT40-TS12	495 x 240 x 150 мм	525 x 270 x 180 мм	3.5
BT50-TS8	495 x 240 x 150 мм	525 x 270 x 180 мм	3.6
HSK63-TS8	495 x 240 x 150 мм	525 x 270 x 180 мм	3.5

Шкафы для инструментальной оснастки





Обозначение	Размер шкафа	Размер упаковки	Вес (кг)
BT40-TE54	650 x 405 x 1545 мм	680 x 435 x 1575 мм	53
BT40-TE54	650 x 405 x 1545 мм	680 x 435 x 1575 мм	54
BT50-TE36	650 x 405 x 1545 мм	680 x 435 x 1575 мм	55
HSK63-TE36	650 x 405 x 1545 мм	680 x 435 x 1575 мм	54

Тележки для инструментальной оснастки





Обозначение	Размер тележки	Размер упаковки	Вес (кг)
BT30-TH54	600 x 600 x 915 мм	630 x 630 x 945 мм	63
BT40-TH54	600 x 600 x 915 мм	630 x 630 x 945 мм	64
BT50-TH36	600 x 600 x 915 мм	630 x 630 x 945 мм	65
HSK63-TH36	600 x 600 x 915 мм	630 x 630 x 945 мм	64

Тележки для инструментальной оснастки





Обозначение	Размер тележки	Размер упаковки	Вес (кг)
BT30-TL24	600 x 600 x 915 mm	630 x 630 x 945 mm	52
BT40-TL24	600 x 600 x 915 mm	630 x 630 x 945 mm	53
BT50-TL16	600 x 600 x 915 mm	630 x 630 x 945 mm	54
HSK63-TL16	600 x 600 x 915 mm	630 x 630 x 945 mm	53

Тележки для инструментальной оснастки





Обозначение	Размер тележки	Размер упаковки	Вес (кг)
BT30-TD54	600 x 600 x 1015 mm	630 x 630 x 1045 mm	72
BT40-TD54	600 x 600 x 1015 mm	630 x 630 x 1045 mm	73
BT50-TD36	600 x 600 x 1015 mm	630 x 630 x 1045 mm	74
HSK63-TD36	600 x 600 x 1015 mm	630 x 630 x 1045 mm	73