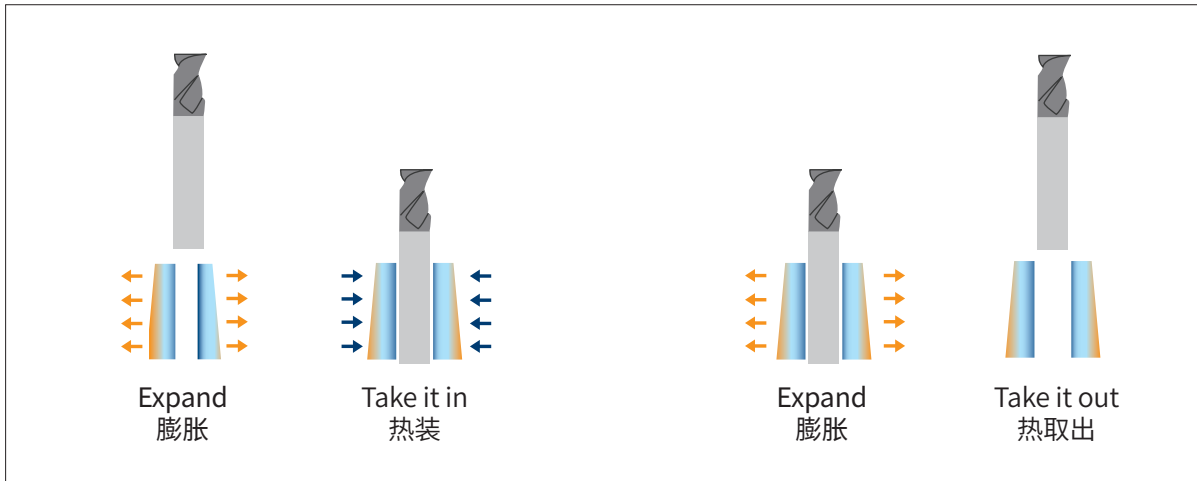


SHRINK

TOOL HOLDERS

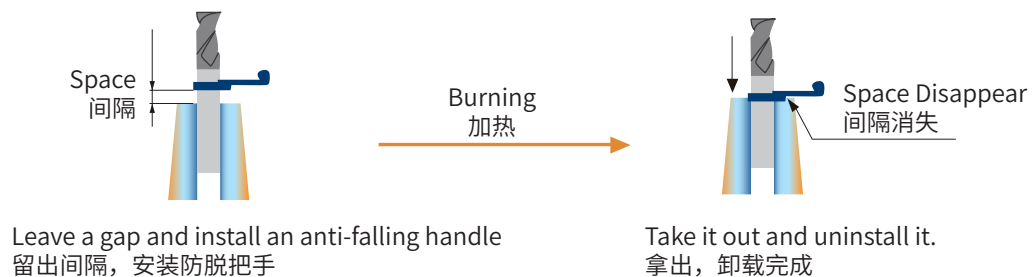
Shrink Fit Chuck Working Principle 热缩刀柄的工作原理



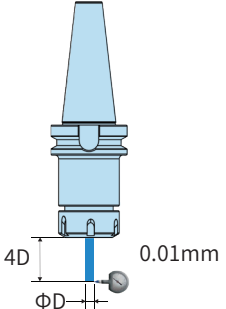
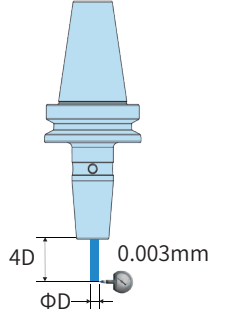
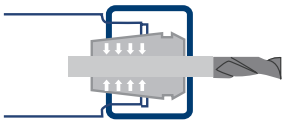
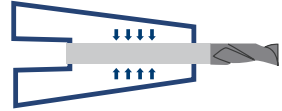
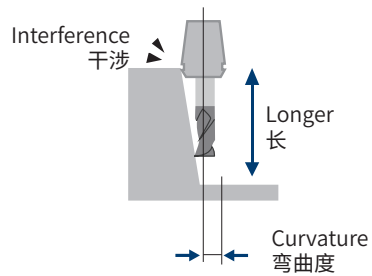
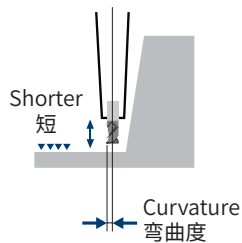
Loading 装刀



Unloading 卸刀



Shrink Fit Chuck Advantages 热缩刀柄加工优势

High Precision	高精度
Collet Chuck ER 刀柄  4D 0.01mm ϕD	Shrink Fit Chuck 热缩刀柄  4D 0.003mm ϕD
High Clamping Force	高夹持力
Collet Chuck ER 刀柄  Elastic Deformation 通过 ER 筒夹内部的变形来夹持刀具	Shrink Fit Chuck 热缩刀柄  Thermal Expansion Contractility 利用了热胀冷缩的原理来增加和稳定夹持力
Deep Cavity Machining	深孔加工 防干涉
Collet Chuck ER 刀柄  Interference 干涉 Longer 长 Curvature 弯曲度	Shrink Fit Chuck 热缩刀柄  Shorter 短 Curvature 弯曲度

Shrink Fit Chuck Coolant Outlet Method 热缩刀柄出水方式

AD 中心出水



Face Outlet 端面出水



AD+B 中心 + 法兰出水



SHRINK TOOLING SYSTEM

热缩工具系统

BT Shrink Fit Chuck, Standard, 4.5°A.06	BT 热缩刀柄, 标准型	BT Shrink Chuck TaperA.61	BT 分体热缩本体, 标准型
BBT Shrink Fit Chuck, Standard, 4.5°A.11	BBT 热缩刀柄, 标准型	SK Shrink Chuck TaperA.62	SK 分体热缩本体, 标准型
SK Shrink Fit Chuck, Standard, 4.5°A.14	SK 热缩刀柄, 标准型	HSK-A Shrink Chuck TaperA.63	HSK-A 分体热缩本体, 标准型
CAT Shrink Fit Chuck, Standard, 4.5°A.18	CAT 热缩刀柄, 标准型	HSK-E Shrink Chuck TaperA.64	HSK-E 分体热缩本体, 标准型
HSK-A Shrink Fit Chuck, Standard, 4.5°A.23	HSK-A 热缩刀柄, 标准型	HSK-F Shrink Chuck TaperA.65	HSK-F 分体热缩本体, 标准型
HSK-E Shrink Fit Chuck, Standard, 4.5°A.30	HSK-E 热缩刀柄, 标准型	BT Shrink Chuck Taper, Coooolant.....A.66	BT 分体热缩本体, 端面出水型
HSK-F Shrink Fit Chuck, Standard, 4.5°A.32	HSK-F 热缩刀柄, 标准型	SK Shrink Chuck Taper, Coooolant.....A.66	SK 分体热缩本体, 端面出水型
BT Shrink Fit Chuck, 4.5°, Coolant A.34	BT 热缩刀柄, 端面出水型	HSK Shrink Chuck Taper, Coooolant.....A.67	HSK 分体热缩本体, 端面出水型
BBT Shrink Fit Chuck, 4.5°, Coolant A.36	BBT 热缩刀柄, 端面出水型	Shrink Chuck Extension Slim.....A.68	分体热缩延长杆, 细长型
SK Shrink Fit Chuck, 4.5°, Coolant A.38	SK 热缩刀柄, 端面出水型	Shrink Chuck Extension, Standard.....A.70	分体热缩延长杆, 标准型
CAT Shrink Fit Chuck, 4.5°, Coolant A.40	CAT 热缩刀柄, 端面出水型	Shrink Chuck Extension, Coolant.....A.72	分体热缩延长杆, 端面出水型
HSK Shrink Fit Chuck, 4.5°, Coolant A.45	HSK 热缩刀柄, 端面出水型	Shrink Chuck Set.....A.72	热缩刀柄套装
BT Shrink Fit Chuck, Slim, 3°A.48	BT 热缩刀柄 3 度, 细长型	Heating MachineA.73	热缩机
SK Shrink Fit Chuck, Slim, 3° A.49	SK 热缩刀柄 3 度, 细长型		
CAT Shrink Fit Chuck, Slim, 3° A.50	CAT 热缩刀柄 3 度, 细长型		
HSK-A Shrink Fit Chuck, Slim, 3° A.51	HSK-A 热缩刀柄 3 度, 细长型		
HSK-E Shrink Fit Chuck, Slim, 3° A.53	HSK-E 热缩刀柄 3 度, 细长型		
Shrink Fit Extension, 3°.....A.55	3° 直柄热缩延长杆		
Module Shrink Chuck.....A.57	法兰热缩刀柄		
Shrink Fit ER Collet.....A.58	ER 热缩夹头		
Shrink Fit ER Collet Extension.....A.59	ER 热缩延长杆		
Shrink Chuck Set.....A.60	热缩刀柄套装		

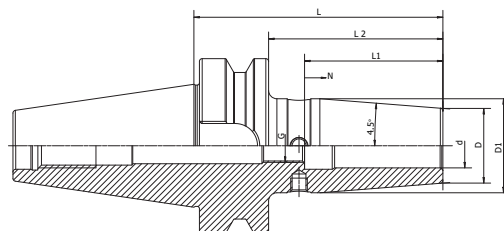


Shrink Fit Chuck, 4.5°, Standard

热缩刀柄, 标准型

A ↗
≤0.003

RPM
G2.5/25000


AD


Size	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

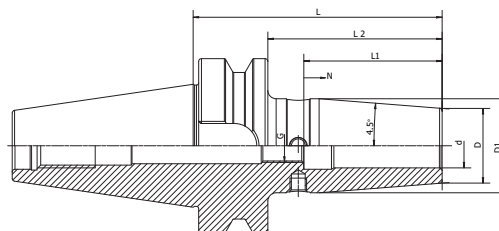
Shrink Fit Chuck, 4.5°, Standard

热缩刀柄, 标准型

A ↗
≤0.003

RPM
G2.5/25000

AD

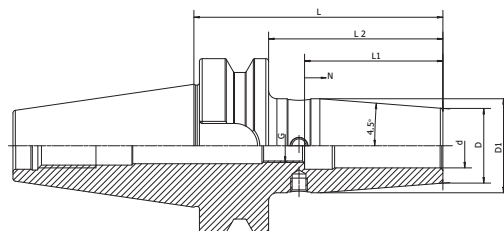


Size	d	D	D1	L	L2	L1	N	G
BT40-SF08-120	8	21	27	120	93	36	10	M6
BT40-SF10-120	10	24	32	120	93	42	10	M8x1
BT40-SF12-120	12	24	32	120	93	47	10	M10x1
BT40-SF14-120	14	27	34	120	93	47	10	M10x1
BT40-SF16-120	16	27	34	120	93	50	10	M12x1
BT40-SF18-120	18	33	42	120	93	50	10	M12x1
BT40-SF20-120	20	33	42	120	93	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
BT40-SF25-200	25	44	53	200	173	58	10	M16x1
BT40-SF32-200	32	44	60	200	173	62	10	M16x1

Shrink Fit Chuck, 4.5°, Standard 热缩刀柄, 标准型

A ↗
≤0.003

RPM
G2.5/25000


AD


Size	d	D	D1	L	L2	L1	N	G
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

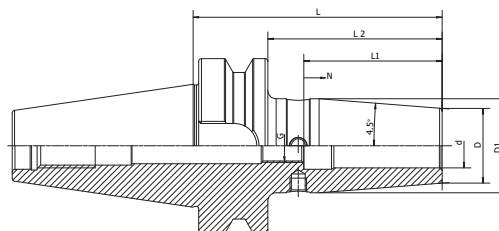
Shrink Fit Chuck, 4.5°, Standard

热缩刀柄, 标准型

A ↗
≤0.003

RPM
G2.5/25000

AD

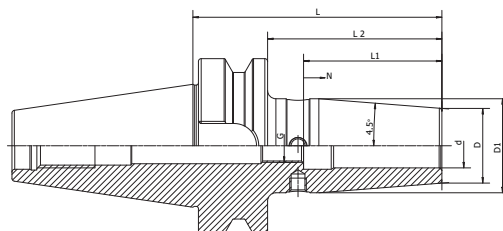


Size	d	D	D1	L	L2	L1	N	G
BT50-SF03-160	3	15	25	160	122	-	-	-
BT50-SF04-160	4	15	25	160	122	-	-	-
BT50-SF05-160	5	15	25	160	122	-	-	-
BT50-SF06-160	6	21	32	160	122	36	10	M5
BT50-SF08-160	8	21	32	160	122	36	10	M6
BT50-SF10-160	10	24	34	160	122	42	10	M8x1
BT50-SF12-160	12	24	34	160	122	47	10	M10x1
BT50-SF14-160	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

Shrink Fit Chuck, 4.5°, Standard

热缩刀柄, 标准型

A ↗ ≤0.003	RPM G2.5/25000	AD
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Size	d	D	D1	L	L2	L1	N	G
BT30-SF1/4"-3.15"	1/4"	0.83"	1.06"	3.15"	2.28"	1.42"	0.39"	M5
BT30-SF3/8"-3.15"	3/8"	0.95"	1.26"	3.15"	2.28"	1.65"	0.39"	M8 x 1
BT30-SF1/2"-3.15"	1/2"	0.94"	1.34"	3.15"	2.28"	1.85"	0.39"	M10 x 1
BT30-SF5/8"-3.15"	5/8"	1.06"	1.34"	3.15"	2.28"	1.97"	0.39"	M12 x 1
BT30-SF3/4"-3.15"	3/4"	1.29"	1.62"	3.15"	2.28"	2.04"	0.39"	M16 x 2.0
BT40-SF3/16"-3.54	3/16"	0.43"	0.75"	3.54"	2.67"	0.79"	-	M6 x 1.0
BT40-SF1/4"-3.54	1/4"	0.82"	1.06"	3.54"	2.67"	1.42"	0.39"	M5 x 0.8
BT40-SF3/8"-3.54	3/8"	0.94"	1.25"	3.54"	2.67"	1.65"	0.39"	-
BT40-SF1/2"-3.54	1/2"	1.10"	1.34"	3.54"	2.67"	1.85"	0.39"	M10 x 1.5
BT40-SF5/8"-3.54	5/8"	1.06"	1.34"	3.54"	2.67"	1.96"	0.39"	M12 x 1.75
BT40-SF3/4"-3.54	3/4"	1.29"	1.65"	3.54"	2.67"	2.04"	0.39"	M16 x 2.0
BT40-SF1.0"-3.54	1.0"	1.73"	2.08"	3.54"	2.67"	2.28"	0.39"	M20 x 2.0
BT40-SF1-1/4"-4.13	1-1/4"	1.81"	2.08"	4.13"	3.26"	2.28"	0.39"	M20 x 2.0
BT40-SF1/8"-6.3"	1/8"	0.36"	0.63"	6"	5.13"	0.70"	-	M6 x 1.0
BT40-SF3/16"-6.3"	3/16"	0.43"	0.70"	6"	5.13"	0.79"	-	M6 x 1.0
BT40-SF1/4"-6.3"	1/4"	0.49"	0.83"	6"	5.13"	1.42"	0.39"	M5 x 0.8
BT40-SF3/8"-6.3"	3/8"	0.61"	0.94"	6"	5.13"	1.65"	0.39"	M8 x 1.25
BT40-SF1/2"-6.3"	1/2"	0.74"	1.06"	6"	5.13"	1.85"	0.39"	M10 x 1.5
BT40-SF5/8"-6.3"	5/8"	1.06"	1.34"	6"	5.13"	1.96"	0.39"	M12 x 1.75
BT40-SF3/4"-6.3"	3/4"	1.29"	1.65"	6"	5.13"	1.65"	0.39"	M16 x 2.0
BT40-SF1"-6.3"	1"	1.73"	2.09"	6"	5.13"	2.28"	0.39"	M20 x 2.0

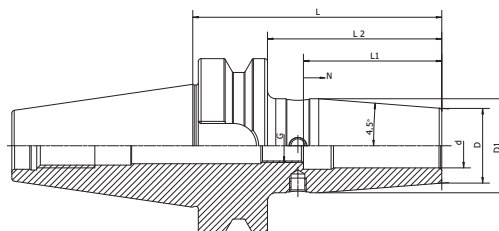
Shrink Fit Chuck, 4.5°, Standard

热缩刀柄, 标准型

A ↗
≤0.003

RPM
G2.5/25000

AD

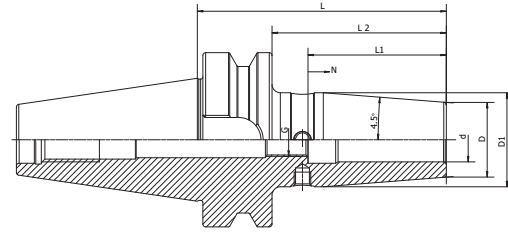


Size	d	D	D1	L	L2	L1	N	G
BBT40-SF03-80	3	15	20	80	53	-	-	-
BBT40-SF04-80	4	15	20	80	53	-	-	-
BBT40-SF05-80	5	15	20	80	53	-	-	-
BBT40-SF06-90	6	21	27	90	63	36	10	M5
BBT40-SF08-90	8	21	27	90	63	36	10	M6
BBT40-SF10-90	10	24	31	90	63	42	10	M8x1
BBT40-SF12-90	12	24	31	90	63	47	10	M10x1
BBT40-SF14-90	14	27	34	90	63	47	10	M10x1
BBT40-SF16-90	16	27	34	90	63	50	10	M12x1
BBT40-SF18-90	18	33	40	90	63	50	10	M12x1
BBT40-SF20-90	20	33	40	90	63	52	10	M16x1
BBT40-SF25-100	25	44	53	100	73	58	10	M16x1
BBT40-SF32-100	32	44	53	100	73	62	10	M16x1
BBT40-SF03-120	3	15	20	120	93	-	-	-
BBT40-SF04-120	4	15	20	120	93	-	-	-
BBT40-SF05-120	5	15	20	120	93	-	-	-
BBT40-SF06-120	6	21	27	120	93	36	10	M5
BBT40-SF08-120	8	21	27	120	93	36	10	M6
BBT40-SF10-120	10	24	32	120	93	42	10	M8x1
BBT40-SF12-120	12	24	32	120	93	47	10	M10x1
BBT40-SF14-120	14	27	34	120	93	47	10	M10x1
BBT40-SF16-120	16	27	34	120	93	50	10	M12x1
BBT40-SF18-120	18	33	42	120	93	50	10	M12x1
BBT40-SF20-120	20	33	42	120	93	52	10	M16x1
BBT40-SF25-120	25	44	53	120	93	58	10	M16x1
BBT40-SF32-120	32	44	53	120	93	62	10	M16x1

Shrink Fit Chuck, 4.5°, Standard

热缩刀柄, 标准型

A ↗ ≤0.003	RPM G2.5/25000	AD
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Size	d	D	D1	L	L2	L1	N	G
BBT40-SF03-160	3	15	25	160	133	-	-	-
BBT40-SF04-160	4	15	25	160	133	-	-	-
BBT40-SF05-160	5	15	25	160	133	-	-	-
BBT40-SF06-160	6	21	32	160	133	36	10	M5
BBT40-SF08-160	8	21	32	160	133	36	10	M6
BBT40-SF10-160	10	24	34	160	133	42	10	M8x1
BBT40-SF12-160	12	24	34	160	133	47	10	M10x1
BBT40-SF14-160	14	27	42	160	133	47	10	M10x1
BBT40-SF16-160	16	27	42	160	133	50	10	M12x1
BBT40-SF18-160	18	33	51	160	133	50	10	M12x1
BBT40-SF20-160	20	33	51	160	133	52	10	M16x1
BBT40-SF25-160	25	44	53	160	133	58	10	M16x1
BBT40-SF32-160	32	44	60	160	133	62	10	M16x1
BBT50-SF03-100	3	15	20	100	62	-	-	-
BBT50-SF04-100	4	15	20	100	62	-	-	-
BBT50-SF05-100	5	15	20	100	62	-	-	-
BBT50-SF06-100	6	21	27	100	62	36	10	M5
BBT50-SF08-100	8	21	27	100	62	36	10	M6
BBT50-SF10-100	10	24	30.5	100	62	42	10	M8x1
BBT50-SF12-100	12	24	30.5	100	62	47	10	M10x1
BBT50-SF14-100	14	27	34	100	62	47	10	M10x1
BBT50-SF16-100	16	27	34	100	62	50	10	M12x1
BBT50-SF18-100	18	33	40	100	62	50	10	M12x1
BBT50-SF20-100	20	33	40	100	62	52	10	M16x1
BBT50-SF25-120	25	44	53	120	82	58	10	M16x1
BBT50-SF32-120	32	44	53	120	82	62	10	M16x1

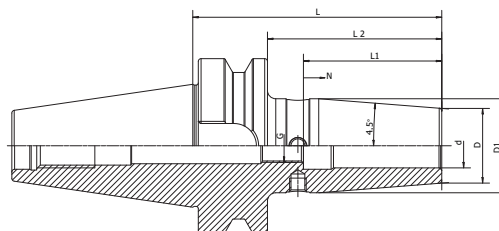
Shrink Fit Chuck, 4.5°, Standard

热缩刀柄, 标准型

A ↗
≤0.003

RPM
G2.5/25000

AD

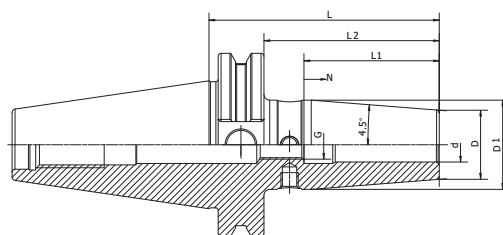


Size	d	D	D1	L	L2	L1	N	G
BBT50-SF03-120	3	15	20	120	82	-	-	-
BBT50-SF04-120	4	15	20	120	82	-	-	-
BBT50-SF05-120	5	15	20	120	82	-	-	-
BBT50-SF06-120	6	21	27	120	82	36	10	M5
BBT50-SF08-120	8	21	27	120	82	36	10	M6
BBT50-SF10-120	10	24	32	120	82	42	10	M8x1
BBT50-SF12-120	12	24	32	120	82	47	10	M10x1
BBT50-SF14-120	14	27	34	120	82	47	10	M10x1
BBT50-SF16-120	16	27	34	120	82	50	10	M12x1
BBT50-SF18-120	18	33	42	120	82	50	10	M12x1
BBT50-SF20-120	20	33	42	120	82	52	10	M16x1
BBT50-SF03-160	3	15	25	160	122	-	-	-
BBT50-SF04-160	4	15	25	160	122	-	-	-
BBT50-SF05-160	5	15	25	160	122	-	-	-
BBT50-SF06-160	6	21	32	160	122	36	10	M5
BBT50-SF08-160	8	21	32	160	122	36	10	M6
BBT50-SF10-160	10	24	34	160	122	42	10	M8x1
BBT50-SF12-160	12	24	34	160	122	47	10	M10x1
BBT50-SF14-160	14	27	42	160	122	47	10	M10x1
BBT50-SF16-160	16	27	42	160	122	50	10	M12x1
BBT50-SF18-160	18	33	49	160	122	50	10	M12x1
BBT50-SF20-160	20	33	49	160	122	52	10	M16x1
BBT50-SF25-160	25	44	60	160	122	58	10	M16x1
BBT50-SF32-160	32	44	60	160	122	62	10	M16x1

Shrink Fit Chuck, 4.5°, Standard

热缩刀柄, 标准型

A ↗ ≤0.003	RPM G2.5/25000	AD/B
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Size	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
SK40-SF25-100	25	44	50	100	80.9	58	10	M16x1
SK40-SF32-100	32	44	50	100	80.9	62	10	M16x1

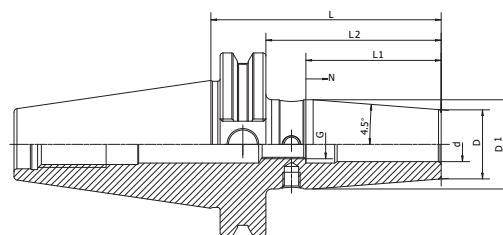
Shrink Fit Chuck, 4.5°, Standard

热缩刀柄, 标准型

A ↗
≤0.003

RPM
G2.5/25000

AD/B



Size	d	D	D1	L	L2	L1	N	G
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

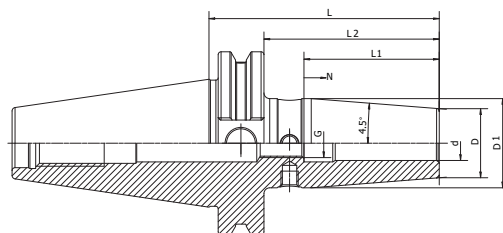
Shrink Fit Chuck, 4.5°, Standard

热缩刀柄，标准型

A ↗
≤0.003

RPM
G2.5/25000

AD/B



Size	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

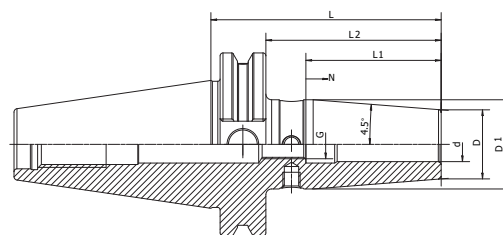
Shrink Fit Chuck, 4.5°, Standard

热缩刀柄, 标准型

A ↗
≤0.003

RPM
G2.5/25000

AD/B

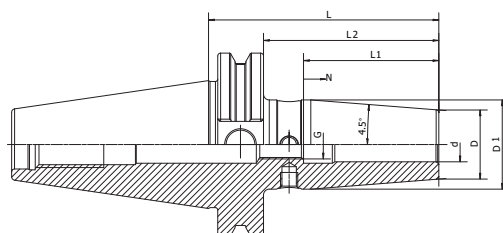


Size	d	D	D1	L	L2	L1	N	G
SK50-SF06-120	6	21	27	120	100.9	36	10	M5
SK50-SF08-120	8	21	27	120	100.9	36	10	M6
SK50-SF10-120	10	24	32	120	100.9	42	10	M8x1
SK50-SF12-120	12	24	32	120	100.9	47	10	M10x1
SK50-SF14-120	14	27	34	120	100.9	47	10	M10x1
SK50-SF16-120	16	27	34	120	100.9	50	10	M12x1
SK50-SF18-120	18	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

Shrink Fit Chuck, 4.5°, Standard

热缩刀柄, 标准型

A ↗ ≤0.003	RPM G2.5/25000	AD
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Size	d	D	D1	L	L2	L1	N	G
CAT40-SF03-80	3	15	20	80	60.9	-	-	-
CAT40-SF04-80	4	15	20	80	60.9	-	-	-
CAT40-SF05-80	5	15	20	80	60.9	-	-	-
CAT40-SF06-80	6	21	27	80	60.9	36	10	M5
CAT40-SF08-80	8	21	27	80	60.9	36	10	M6
CAT40-SF10-80	10	24	31	80	60.9	42	10	M8x1
CAT40-SF12-80	12	24	31	80	60.9	47	10	M10x1
CAT40-SF14-80	14	27	34	80	60.9	47	10	M10x1
CAT40-SF16-80	16	27	34	80	60.9	50	10	M12x1
CAT40-SF18-80	18	33	40	80	60.9	50	10	M12x1
CAT40-SF20-80	20	33	40	80	60.9	52	10	M16x1
CAT40-SF25-100	25	44	50	100	80.9	58	10	M16x1
CAT40-SF32-100	32	44	50	100	80.9	62	10	M16x1
CAT40-SF06-120	6	21	27	120	100.9	36	10	M5
CAT40-SF08-120	8	21	27	120	100.9	36	10	M6
CAT40-SF10-120	10	24	32	120	100.9	42	10	M8x1
CAT40-SF12-120	12	24	32	120	100.9	47	10	M10x1
CAT40-SF14-120	14	27	34	120	100.9	47	10	M10x1
CAT40-SF16-120	16	27	34	120	100.9	50	10	M12x1
CAT40-SF18-120	18	33	42	120	100.9	50	10	M12x1
CAT40-SF20-120	20	33	42	120	100.9	52	10	M16x1
CAT40-SF25-120	25	44	50	120	100.9	58	10	M16x1
CAT40-SF06-160	6	21	32	160	140.9	36	10	M5
CAT40-SF08-160	8	21	32	160	140.9	36	10	M6
CAT40-SF10-160	10	24	34	160	140.9	42	10	M8x1
CAT40-SF12-160	12	24	34	160	140.9	47	10	M10x1
CAT40-SF14-160	14	27	42	160	140.9	47	10	M10x1
CAT40-SF16-160	16	27	42	160	140.9	50	10	M12x1
CAT40-SF18-160	18	33	50	160	140.9	50	10	M12x1
CAT40-SF20-160	20	33	50	160	140.9	52	10	M16x1
CAT40-SF25-160	25	44	50	160	140.9	58	10	M16x1
CAT40-SF32-160	32	44	50	160	140.9	62	10	M16x1

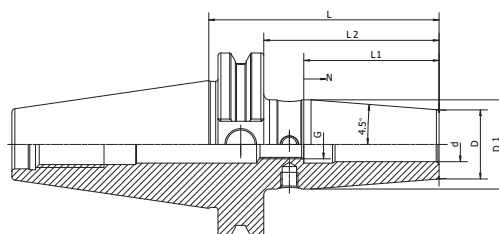
Shrink Fit Chuck, 4.5°, Standard

热缩刀柄, 标准型

A ↗
≤0.003

RPM
G2.5/25000

AD



Size	d	D	D1	L	L2	L1	N	G
CAT40-SF06-200	6	21	32	200	180.9	36	10	M5
CAT40-SF08-200	8	21	32	200	180.9	36	10	M6
CAT40-SF10-200	10	24	34	200	180.9	42	10	M8x1
CAT40-SF12-200	12	24	34	200	180.9	47	10	M10x1
CAT40-SF14-200	14	27	42	200	180.9	47	10	M10x1
CAT40-SF16-200	16	27	42	200	180.9	50	10	M12x1
CAT40-SF18-200	18	33	50	200	180.9	50	10	M12x1
CAT40-SF20-200	20	33	50	200	180.9	52	10	M16x1
CAT40-SF25-200	25	44	50	200	180.9	58	10	M16x1
CAT40-SF32-200	32	44	50	200	180.9	62	10	M16x1
CAT50-SF06-80	6	21	27	80	60.9	36	10	M5
CAT50-SF08-80	8	21	27	80	60.9	36	10	M6
CAT50-SF10-80	10	24	31	80	60.9	42	10	M8x1
CAT50-SF12-80	12	24	31	80	60.9	47	10	M10x1
CAT50-SF14-80	14	27	34	80	60.9	47	10	M10x1
CAT50-SF16-80	16	27	34	80	60.9	50	10	M12x1
CAT50-SF18-80	18	33	40	80	60.9	50	10	M12x1
CAT50-SF20-80	20	33	39.5	80	60.9	52	10	M16x1
CAT50-SF25-100	25	44	52.5	100	80.9	58	10	M16x1
CAT50-SF32-100	32	44	52.5	100	80.9	62	10	M16x1
CAT50-SF06-120	6	21	27	120	100.9	36	10	M5
CAT50-SF08-120	8	21	27	120	100.9	36	10	M6
CAT50-SF10-120	10	24	32	120	100.9	42	10	M8x1
CAT50-SF12-120	12	24	32	120	100.9	47	10	M10x1
CAT50-SF14-120	14	27	34	120	100.9	47	10	M10x1
CAT50-SF16-120	16	27	34	120	100.9	50	10	M12x1
CAT50-SF18-120	18	33	42	120	100.9	50	10	M12x1
CAT50-SF20-120	20	33	42	120	100.9	52	10	M16x1
CAT50-SF25-120	25	44	53	120	100.9	58	10	M16x1
CAT50-SF32-120	32	44	53	120	100.9	62	10	M16x1

Shrink Fit Chuck, 4.5°, Standard

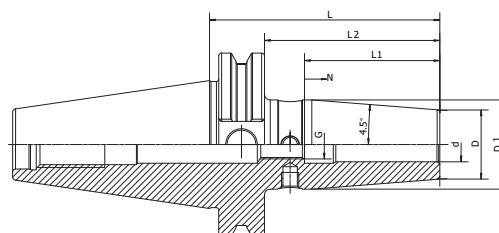
热缩刀柄, 标准型



A ↗
≤0.003

RPM
G2.5/25000

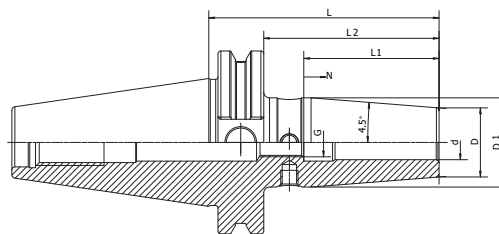
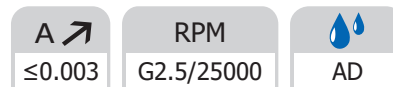
AD



Size	d	D	D1	L	L2	L1	N	G
CAT50-SF06-160	6	21	32	160	140.9	36	10	M5
CAT50-SF08-160	8	21	32	160	140.9	36	10	M6
CAT50-SF10-160	10	24	34	160	140.9	42	10	M8x1
CAT50-SF12-160	12	24	34	160	140.9	47	10	M10x1
CAT50-SF14-160	14	27	42	160	140.9	47	10	M10x1
CAT50-SF16-160	16	27	42	160	140.9	50	10	M12x1
CAT50-SF18-160	18	33	51	160	140.9	50	10	M12x1
CAT50-SF20-160	20	33	51	160	140.9	52	10	M16x1
CAT50-SF25-160	25	44	60	160	140.9	58	10	M16x1
CAT50-SF32-160	32	44	60	160	140.9	62	10	M16x1
CAT50-SF06-200	6	21	32	200	180.9	36	10	M5
CAT50-SF08-200	8	21	32	200	180.9	36	10	M6
CAT50-SF10-200	10	24	34	200	180.9	42	10	M8x1
CAT50-SF12-200	12	24	34	200	180.9	47	10	M10x1
CAT50-SF14-200	14	27	42	200	180.9	47	10	M10x1
CAT50-SF16-200	16	27	42	200	180.9	50	10	M12x1
CAT50-SF18-200	18	33	51	200	180.9	50	10	M12x1
CAT50-SF20-200	20	33	51	200	180.9	52	10	M16x1
CAT50-SF25-200	25	44	60	200	180.9	58	10	M16x1
CAT50-SF32-200	32	44	60	200	180.9	62	10	M16x1

Shrink Fit Chuck, 4.5°, Standard

热缩刀柄, 标准型



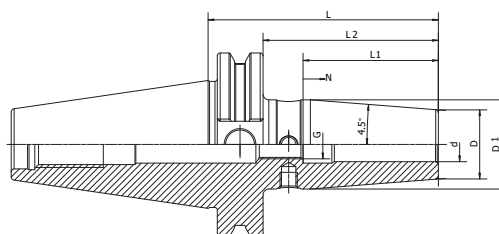
Size	d	D	D1	L	L2	L1	N	G
CAT40-SF1/8-3.15"	0.125"	0.59"	0.79"	3.15"	2.40"	-	-	-
CAT40-SF3/16-3.15"	0.187"	0.59"	0.79"	3.15"	2.40"	-	-	-
CAT40-SF1/4-3.15"	0.250"	0.83"	1.06"	3.15"	2.40"	1.42"	0.39"	M5
CAT40-SF5/16-3.15"	0.312"	0.83"	1.06"	3.15"	2.40"	1.42"	0.39"	M6
CAT40-SF3/8-3.15"	0.375"	0.94"	1.26"	3.15"	2.40"	1.65"	0.39"	M8x1
CAT40-SF1/2-3.15"	0.500"	1.06"	1.34"	3.15"	2.40"	1.85"	0.39"	M10x1
CAT40-SF5/8-3.15"	0.625"	1.06"	1.34"	3.15"	2.40"	1.97"	0.39"	M12x1
CAT40-SF3/4-3.15"	0.750"	1.30"	1.65"	3.15"	2.40"	2.05"	0.39"	M16x1
CAT40-SF1-3.94"	1.000"	1.73"	2.09"	3.94"	2.56"	2.44"	0.39"	M16x1
CAT40-SF1-1/4-3.94"	1.250"	1.73"	2.09"	3.94"	2.56"	2.44"	0.39"	M16x1
CAT40-SF1/8-4.72"	0.125"	0.59"	0.79"	4.72"	3.34"	-	-	-
CAT40-SF3/16-4.72"	0.187"	0.59"	0.79"	4.72"	3.34"	-	-	-
CAT40-SF1/4-4.72"	0.250"	0.83"	1.06"	4.72"	3.34"	1.42"	0.39"	M5
CAT40-SF5/16-4.72"	0.312"	0.83"	1.06"	4.72"	3.34"	1.42"	0.39"	M6
CAT40-SF3/8-4.72"	0.375"	0.94"	1.26"	4.72"	3.34"	1.65"	0.39"	M8x1
CAT40-SF1/2-4.72"	0.500"	1.06"	1.34"	4.72"	3.34"	1.85"	0.39"	M10x1
CAT40-SF5/8-4.72"	0.625"	1.06"	1.34"	4.72"	3.34"	1.97"	0.39"	M12x1
CAT40-SF3/4-4.72"	0.750"	1.30"	1.65"	4.72"	3.34"	2.05"	0.39"	M16x1
CAT40-SF1-4.72"	1.000"	1.73"	2.09"	4.72"	3.34"	2.44"	0.39"	M16x1
CAT40-SF1-1/4-4.72"	1.250"	1.73"	2.09"	4.72"	3.34"	2.44"	0.39"	M16x1
CAT40-SF1/8-6.30"	0.125"	0.59"	0.79"	6.30"	4.92"	-	-	-
CAT40-SF3/16-6.30"	0.187"	0.59"	0.79"	6.30"	4.92"	-	-	-
CAT40-SF1/4-6.30"	0.250"	0.83"	1.26"	6.30"	4.92"	1.42"	0.39"	M5
CAT40-SF5/16-6.30"	0.312"	0.83"	1.26"	6.30"	4.92"	1.42"	0.39"	M6
CAT40-SF3/8-6.30"	0.375"	0.94"	1.34"	6.30"	4.92"	1.65"	0.39"	M8x1
CAT40-SF1/2-6.30"	0.500"	1.06"	1.65"	6.30"	4.92"	1.85"	0.39"	M10x1
CAT40-SF5/8-6.30"	0.625"	1.06"	1.65"	6.30"	4.92"	1.97"	0.39"	M12x1
CAT40-SF3/4-6.30"	0.750"	1.30"	1.75"	6.30"	4.92"	2.05"	0.39"	M16x1
CAT40-SF1-6.30"	1.000"	1.73"	2.09"	6.30"	4.92"	2.44"	0.39"	M16x1
CAT40-SF1-1/4-6.30"	1.250"	1.73"	2.09"	6.30"	4.92"	2.44"	0.39"	M16x1

Shrink Fit Chuck, 4.5°, Standard

热缩刀柄, 标准型



A ↗	RPM	AD
≤0.003	G2.5/25000	



Size	d	D	D1	L	L2	L1	N	G
CAT50-SF1/4-3.15"	0.250"	0.83"	1.06"	3.15"	2.36"	1.42"	0.39"	M5
CAT50-SF3/8-3.15"	0.375"	0.94"	1.26"	3.15"	2.36"	1.65"	0.39"	M8x1
CAT50-SF1/2-3.15"	0.500"	1.06"	1.34"	3.15"	2.36"	1.85"	0.39"	M10x1
CAT50-SF5/8-3.15"	0.625"	1.06"	1.34"	3.15"	2.36"	1.97"	0.39"	M12x1
CAT50-SF3/4-3.15"	0.750"	1.30"	1.65"	3.15"	2.36"	2.05"	0.39"	M16x1
CAT50-SF1-3.94"	1.000"	1.73"	2.09"	3.94"	2.75"	2.44"	0.39"	M16x1
CAT50-SF1-1/4-3.94"	1.250"	1.73"	2.09"	3.94"	2.75"	2.44"	0.39"	M16x1
CAT50-SF1/4-4.72"	0.250"	0.83"	1.06"	4.72"	3.35"	1.42"	0.39"	M5
CAT50-SF3/8-4.72"	0.375"	0.94"	1.26"	4.72"	3.35"	1.65"	0.39"	M8x1
CAT50-SF1/2-4.72"	0.500"	1.06"	1.34"	4.72"	3.35"	1.85"	0.39"	M10x1
CAT50-SF5/8-4.72"	0.625"	1.06"	1.34"	4.72"	3.35"	1.97"	0.39"	M12x1
CAT50-SF3/4-4.72"	0.750"	1.30"	1.65"	4.72"	3.35"	2.05"	0.39"	M16x1
CAT50-SF1-4.72"	1.000"	1.73"	2.09"	4.72"	3.35"	2.44"	0.39"	M16x1
CAT50-SF1-1/4-4.72"	1.250"	1.73"	2.09"	4.72"	3.35"	2.44"	0.39"	M16x1
CAT50-SF1/4-6.30"	0.250"	0.83"	1.26"	6.30"	4.92"	1.42"	0.39"	M5
CAT50-SF3/8-6.30"	0.375"	0.94"	1.34"	6.30"	4.92"	1.65"	0.39"	M8x1
CAT50-SF1/2-6.30"	0.500"	1.06"	1.65"	6.30"	4.92"	1.85"	0.39"	M10x1
CAT50-SF5/8-6.30"	0.625"	1.06"	1.65"	6.30"	4.92"	1.97"	0.39"	M12x1
CAT50-SF3/4-6.30"	0.750"	1.30"	2.01"	6.30"	4.92"	2.05"	0.39"	M16x1
CAT50-SF1-6.30"	1.000"	1.73"	2.36"	6.30"	4.92"	2.44"	0.39"	M16x1
CAT50-SF1-1/4-6.30"	1.250"	1.73"	2.36"	6.30"	4.92"	2.44"	0.39"	M16x1

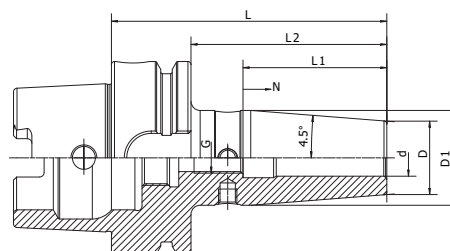
Shrink Fit Chuck, 4.5°, Standard

热缩刀柄, 标准型

A ↗
≤0.003

RPM
G2.5/25000

AD



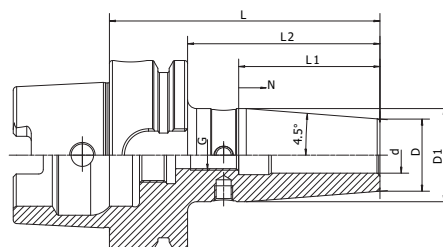
Size	d	D	D1	L	L2	L1	N	G
HSK32A-SF03-65	3	15	20	65	45	-	-	-
HSK32A-SF04-65	4	15	20	65	45	-	-	-
HSK32A-SF05-65	5	15	20	65	45	-	-	-
HSK32A-SF06-75	6	21	26	75	55	36	10	M5
HSK32A-SF08-75	8	21	26	75	55	36	10	M6
HSK32A-SF10-75	10	24	29	75	55	42	10	M8x1
HSK32A-SF12-80	12	24	29	80	60	47	5	M10x1
HSK40A-SF03-60	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

Shrink Fit Chuck, 4.5°, Standard

热缩刀柄, 标准型


A ↗
≤0.003

RPM
G2.5/25000

 AD


Size	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

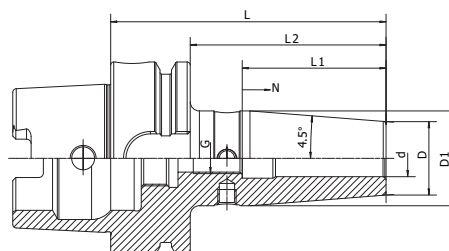
Shrink Fit Chuck, 4.5°, Standard

热缩刀柄, 标准型

A ↗
≤0.003

RPM
G2.5/25000

AD



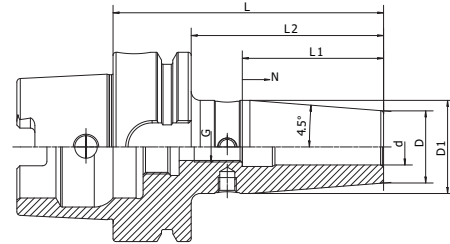
Size	d	D	D1	L	L2	L1	N	G
HSK63A-SF03-160	3	15	25	160	134	-	-	-
HSK63A-SF04-160	4	15	25	160	134	-	-	-
HSK63A-SF05-160	5	15	25	160	134	-	-	-
HSK63A-SF06-160	6	21	32	160	134	36	10	M5
HSK63A-SF08-160	8	21	32	160	134	36	10	M6
HSK63A-SF10-160	10	24	34	160	134	42	10	M8x1
HSK63A-SF12-160	12	24	34	160	134	47	10	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

Shrink Fit Chuck, 4.5°, Standard

热缩刀柄, 标准型



A ↗	RPM	AD
≤0.003	G2.5/25000	



Size	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

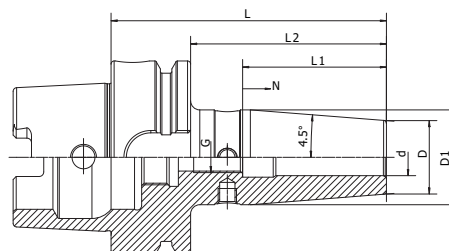
Shrink Fit Chuck, 4.5°, Standard

热缩刀柄, 标准型

A ↗
≤0.003

RPM
G2.5/25000

AD



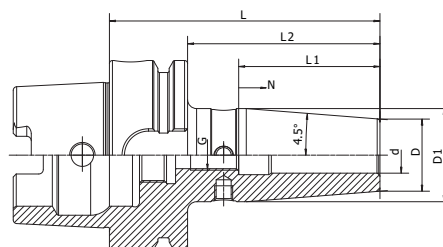
Size	d	D	D1	L	L2	L1	N	G
HSK100A-SF06-120	6	21	27	120	91	36	10	M5
HSK100A-SF08-120	8	21	27	120	91	36	10	M6
HSK100A-SF10-120	10	24	32	120	91	42	10	M8x1
HSK100A-SF12-120	12	24	32	120	91	47	10	M10x1
HSK100A-SF14-120	14	27	34	120	91	47	10	M10x1
HSK100A-SF16-120	16	27	34	120	91	50	10	M12x1
HSK100A-SF18-120	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

Shrink Fit Chuck, 4.5°, Standard

热缩刀柄，标准型



A ↗	RPM	AD
≤0.003	G2.5/25000	



Size	d	D	D1	L	L2	L1	N	G
HSK63A-SF1/8-3.15"	0.125"	0.59"	0.79"	3.15"	2.13"	-	-	-
HSK63A-SF3/16-3.15"	0.187"	0.59"	0.79"	3.15"	2.13"	-	-	-
HSK63A-SF1/4-3.15"	0.250"	0.83"	1.06"	3.15"	2.13"	1.42"	0.39"	M5
HSK63A-SF5/16-3.15"	0.312"	0.83"	1.06"	3.15"	2.13"	1.42"	0.39"	M6
HSK63A-SF3/8-3.35"	0.375"	0.94"	1.26"	3.35"	2.32"	1.65"	0.39"	M8x1
HSK63A-SF1/2-3.54"	0.500"	1.06"	1.34"	3.54"	2.52"	1.85"	0.39"	M10x1
HSK63A-SF5/8-3.74"	0.625"	1.06"	1.34"	3.74"	2.72"	1.97"	0.39"	M12x1
HSK63A-SF3/4-3.94"	0.750"	1.30"	1.65"	3.94"	2.91"	2.05"	0.39"	M16x1
HSK63A-SF1-4.53"	1.000"	1.73"	2.07"	4.53"	3.50"	2.44"	0.39"	M16x1
HSK63A-SF1/8-4.72"	0.125"	0.59"	0.79"	4.72"	3.70"	-	-	-
HSK63A-SF3/16-4.72"	0.187"	0.59"	0.79"	4.72"	3.70"	-	-	-
HSK63A-SF1/4-4.72"	0.250"	0.83"	1.06"	4.72"	3.70"	1.42"	0.39"	M5
HSK63A-SF5/16-4.72"	0.312"	0.83"	1.06"	4.72"	3.70"	1.42"	0.39"	M6
HSK63A-SF3/8-4.72"	0.375"	0.94"	1.26"	4.72"	3.70"	1.65"	0.39"	M8x1
HSK63A-SF1/2-4.72"	0.500"	1.06"	1.34"	4.72"	3.70"	1.85"	0.39"	M10x1
HSK63A-SF5/8-4.72"	0.625"	1.06"	1.34"	4.72"	3.70"	1.97"	0.39"	M12x1
HSK63A-SF3/4-4.72"	0.750"	1.30"	1.65"	4.72"	3.70"	2.05"	0.39"	M16x1
HSK63A-SF1-4.72"	1.000"	1.73"	2.07"	4.72"	3.70"	2.44"	0.39"	M16x1
HSK63A-SF1-1/4-4.72"	1.250"	1.73"	2.07"	4.72"	3.70"	2.44"	0.39"	M16x1
HSK63A-SF1/8-6.3"	0.125"	0.59"	1.06"	6.30"	5.28"	-	-	-
HSK63A-SF3/16-6.3"	0.187"	0.59"	1.06"	6.30"	5.28"	-	-	-
HSK63A-SF1/4-6.3"	0.250"	0.83"	1.26"	6.30"	5.28"	1.42"	0.39"	M5
HSK63A-SF5/16-6.3"	0.312"	0.83"	1.26"	6.30"	5.28"	1.42"	0.39"	M6
HSK63A-SF3/8-6.3"	0.375"	0.94"	1.34"	6.30"	5.28"	1.65"	0.39"	M8x1
HSK63A-SF1/2-6.3"	0.500"	1.06"	1.65"	6.30"	5.28"	1.85"	0.39"	M10x1
HSK63A-SF5/8-6.3"	0.625"	1.06"	1.65"	6.30"	5.28"	1.97"	0.39"	M12x1
HSK63A-SF3/4-6.3"	0.750"	1.30"	2.01"	6.30"	5.28"	2.05"	0.39"	M16x1
HSK63A-SF1-6.3"	1.000"	1.73"	2.07"	6.30"	5.28"	2.44"	0.39"	M16x1
HSK63A-SF1-1/4-6.3"	1.250"	1.73"	2.07"	6.30"	5.28"	2.44"	0.39"	M16x1

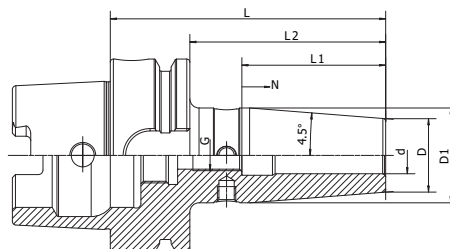
Shrink Fit Chuck, 4.5°, Standard

热缩刀柄, 标准型

A ↗
≤0.003

RPM
G2.5/25000

AD



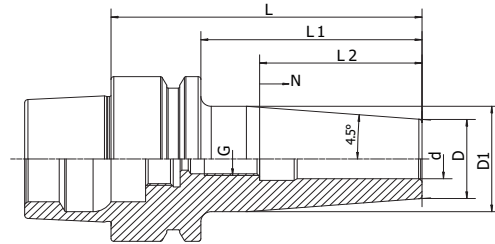
Size	d	D	D1	L	L2	L1	N	G
HSK80A-SF1/4-3.35"	0.250"	0.83"	1.06"	3.35"	2.32"	1.42"	0.39"	M5
HSK80A-SF3/8-3.54"	0.375"	0.94"	1.26"	3.54"	2.52"	1.65"	0.39"	M8x1
HSK80A-SF1/2-3.74"	0.500"	1.06"	1.34"	3.74"	2.72"	1.85"	0.39"	M10x1
HSK80A-SF5/8-3.94"	0.625"	1.06"	1.34"	3.94"	2.91"	1.97"	0.39"	M12x1
HSK80A-SF3/4-4.13"	0.750"	1.30"	1.65"	4.13"	3.11"	2.05"	0.39"	M16x1
HSK80A-SF1-4.53"	1.000"	1.73"	2.09"	4.53"	3.50"	2.44"	0.39"	M16x1
HSK80A-SF1-1/4-4.72"	1.250"	1.73"	2.09"	4.72"	3.70"	2.44"	0.39"	M16x1
HSK100A-SF1/4-3.35"	0.250"	0.83"	1.06"	3.35"	2.20"	1.42"	0.39"	M5
HSK100A-SF3/8-3.54"	0.375"	0.94"	1.26"	3.54"	2.40"	1.65"	0.39"	M8x1
HSK100A-SF1/2-3.74"	0.500"	1.06"	1.34"	3.74"	2.60"	1.85"	0.39"	M10x1
HSK100A-SF5/8-3.94"	0.625"	1.06"	1.34"	3.94"	2.80"	1.97"	0.39"	M12x1
HSK100A-SF3/4-4.13"	0.750"	1.30"	1.65"	4.13"	2.99"	2.05"	0.39"	M16x1
HSK100A-SF1-4.53"	1.000"	1.73"	2.09"	4.53"	3.39"	2.44"	0.39"	M16x1
HSK100A-SF1/4-4.72"	0.250"	0.83"	1.06"	4.72"	3.58"	1.42"	0.39"	M5
HSK100A-SF3/8-4.72"	0.375"	0.94"	1.26"	4.72"	3.58"	1.65"	0.39"	M8x1
HSK100A-SF1/2-4.72"	0.500"	1.06"	1.34"	4.72"	3.58"	1.85"	0.39"	M10x1
HSK100A-SF5/8-4.72"	0.625"	1.06"	1.34"	4.72"	3.58"	1.97"	0.39"	M12x1
HSK100A-SF3/4-4.72"	0.750"	1.30"	1.65"	4.72"	3.58"	2.05"	0.39"	M16x1
HSK100A-SF1-4.72"	1.000"	1.73"	2.09"	4.72"	3.58"	2.44"	0.39"	M16x1
HSK100A-SF1-1/4-4.72"	1.250"	1.73"	2.09"	4.72"	3.58"	2.44"	0.39"	M16x1
HSK100A-SF1/4-6.30"	0.250"	0.83"	1.26"	6.30"	5.16"	1.42"	0.39"	M5
HSK100A-SF3/8-6.30"	0.375"	0.94"	1.34"	6.30"	5.16"	1.65"	0.39"	M8x1
HSK100A-SF1/2-6.30"	0.500"	1.06"	1.65"	6.30"	5.16"	1.85"	0.39"	M10x1
HSK100A-SF5/8-6.30"	0.625"	1.06"	1.65"	6.30"	5.16"	1.97"	0.39"	M12x1
HSK100A-SF3/4-6.30"	0.750"	1.30"	2.01"	6.30"	5.16"	2.05"	0.39"	M16x1
HSK100A-SF1-6.30"	1.000"	1.73"	2.36"	6.30"	5.16"	2.44"	0.39"	M16x1
HSK100A-SF1-1/4-6.30"	1.250"	1.73"	2.36"	6.30"	5.16"	2.44"	0.39"	M16x1

Shrink Fit Chuck, 4.5°, Standard

热缩刀柄, 标准型

A ↗
≤0.003

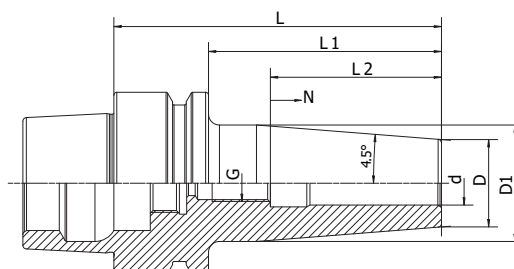
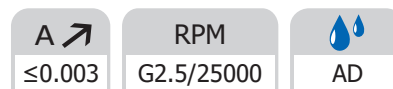
RPM
G2.5/25000

 AD


Size	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

Shrink Fit Chuck, 4.5°, Standard

热缩刀柄, 标准型



Size	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
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

Inch

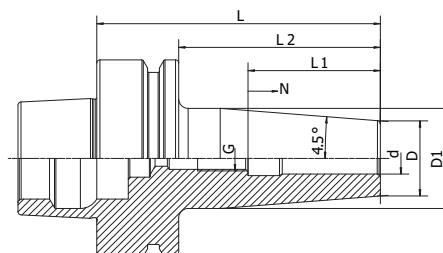
Size	d	D	D1	L	L2	L1	N	G
HSK40E-SF1/8"-3.54"	1/8"	0.36"	0.47"	3.54"	2.76"	0.79"	-	-
HSK40E-SF3/16"-3.54"	3/16"	0.63"	0.71"	3.54"	2.76"	0.79"	-	-
HSK40E-SF1/4"-3.54"	1/4"	0.71"	1.06"	3.54"	2.76"	1.42"	0.39"	M5 x 0.8P
HSK40E-SF5/16"-3.54"	5/16"	0.83"	1.06"	3.54"	2.76"	1.42"	0.39"	M6 x 1.0P
HSK40E-SF3/8"-3.54"	3/8"	0.94"	1.26"	3.54"	2.76"	1.65"	0.39"	M8 x 1.25P

Shrink Fit Chuck, 4.5°, Standard

热缩刀柄, 标准型

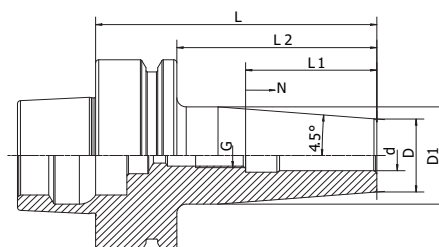
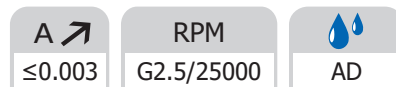

A ↗
≤0.003

RPM
G2.5/25000


AD


Size	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

Shrink Fit Chuck, 4.5°, Standard 热缩刀柄, 标准型



Size	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

Inch

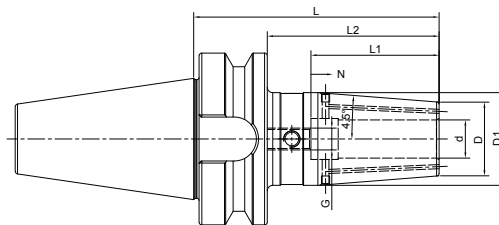
Size	d	D	D1	L	L2	L1	N	G
HSK63F-SF1/4"-3.54"	1/4"	0.83"	1.06"	3.54	2.52	1.42"		M5
HSK63F-SF5/16"-3.54"	5/16"	0.83"	1.06"	3.54	2.52	1.42"		M6
HSK63F-SF3/8"-3.54"	3/8"	0.94"	1.26"	3.54	2.52	1.65"		M8 x 1
HSK63F-SF1/2"-3.54"	1/2"	1.06"	1.34"	3.54	2.52	1.85"		M10 x 1
HSK63F-SF5/8"-3.74"	5/8"	1.06"	1.34"	3.74"	2.72	1.97"		M12 x 1
HSK63F-SF3/4"-3.94"	3/4"	1.30"	1.65"	3.94"	2.91	2.05"		M16 x 1
HSK63F-SF1.0"-4.53"	1"	1.73"	2.09"	4.53"	3.5	2.44"		M160 x 1

Shrink Fit Chuck, 4.5°, Coolant

热缩刀柄, 端面出水型

A ↗
≤0.003

RPM
G2.5/25000


AD


Size	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
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

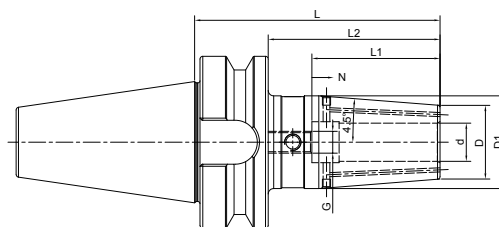
Shrink Fit Chuck, 4.5°, Coolant

热缩刀柄, 端面出水型

A ↗
≤0.003

RPM
G2.5/25000

AD

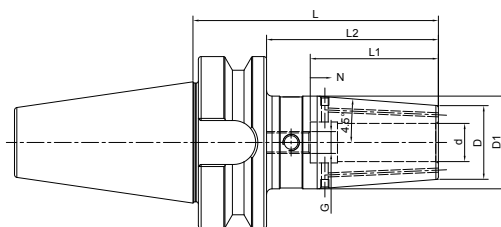


Size	d	D	D1	L	L2	L1	N	G
BT50-SF06-100K	6	21	27	100	62	36	10	M5
BT50-SF08-100K	8	21	27	100	62	36	10	M6
BT50-SF10-100K	10	24	32	100	62	42	10	M8x1
BT50-SF12-100K	12	24	32	100	62	47	10	M10x1
BT50-SF14-100K	14	27	34	100	62	47	10	M10x1
BT50-SF16-100K	16	27	34	100	62	50	10	M12x1
BT50-SF18-100K	18	33	42	100	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

Shrink Fit Chuck, 4.5°, Coolant 热缩刀柄, 端面出水型

A ↗
≤0.003

RPM
G2.5/25000


AD


Size	d	D	D1	L	L2	L1	N	G
BBT40-SF03-80K	3	15	20	80	53	-	-	-
BBT40-SF04-80K	4	15	20	80	53	-	-	-
BBT40-SF05-80K	5	15	20	80	53	-	-	-
BBT40-SF06-90K	6	21	27	90	63	36	10	M5
BBT40-SF08-90K	8	21	27	90	63	36	10	M6
BBT40-SF10-90K	10	24	32	90	63	42	10	M8x1
BBT40-SF12-90K	12	24	32	90	63	47	10	M10x1
BBT40-SF14-90K	14	27	34	90	63	47	10	M10x1
BBT40-SF16-90K	16	27	34	90	63	50	10	M12x1
BBT40-SF18-90K	18	33	42	90	63	50	10	M12x1
BBT40-SF20-90K	20	33	42	90	63	52	10	M16x1
BBT40-SF25-100K	25	44	53	100	73	58	10	M16x1
BBT40-SF32-100K	32	44	53	100	73	62	10	M16x1
BBT40-SF06-120K	6	21	27	120	93	36	10	M5
BBT40-SF08-120K	8	21	27	120	93	36	10	M6
BBT40-SF10-120K	10	24	32	120	93	42	10	M8x1
BBT40-SF12-120K	12	24	32	120	93	47	10	M10x1
BBT40-SF14-120K	14	27	34	120	93	47	10	M10x1
BBT40-SF16-120K	16	27	34	120	93	50	10	M12x1
BBT40-SF18-120K	18	33	42	120	93	50	10	M12x1
BBT40-SF20-120K	20	33	42	120	93	52	10	M16x1
BBT40-SF25-120K	25	44	53	120	93	58	10	M16x1
BBT40-SF32-120K	32	44	53	120	93	62	10	M16x1
BBT40-SF06-160K	6	21	32	160	133	36	10	M5
BBT40-SF08-160K	8	21	32	160	133	36	10	M6
BBT40-SF10-160K	10	24	34	160	133	42	10	M8x1
BBT40-SF12-160K	12	24	34	160	133	47	10	M10x1
BBT40-SF14-160K	14	27	42	160	133	47	10	M10x1
BBT40-SF16-160K	16	27	42	160	133	50	10	M12x1
BBT40-SF18-160K	18	33	51	160	133	50	10	M12x1
BBT40-SF20-160K	20	33	51	160	133	52	10	M16x1
BBT40-SF25-160K	25	44	53	160	133	58	10	M16x1
BBT40-SF32-160K	32	44	53	160	133	62	10	M16x1

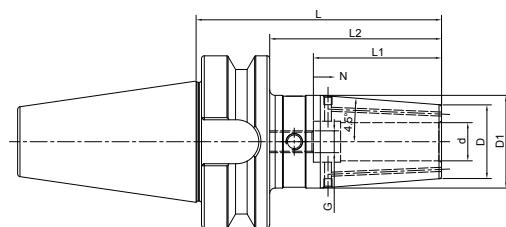
Shrink Fit Chuck, 4.5°, Coolant

热缩刀柄, 端面出水型

A ↗
≤0.003

RPM
G2.5/25000

AD



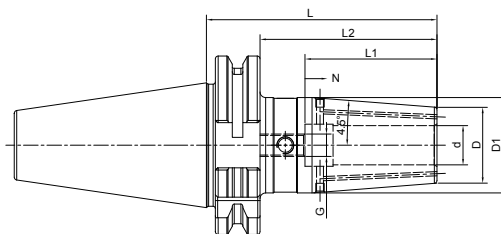
Size	d	D	D1	L	L2	L1	N	G
BBT50-SF06-100K	6	21	27	100	62	36	10	M5
BBT50-SF08-100K	8	21	27	100	62	36	10	M6
BBT50-SF10-100K	10	24	32	100	62	42	10	M8x1
BBT50-SF12-100K	12	24	32	100	62	47	10	M10x1
BBT50-SF14-100K	14	27	34	100	62	47	10	M10x1
BBT50-SF16-100K	16	27	34	100	62	50	10	M12x1
BBT50-SF18-100K	18	33	42	100	62	50	10	M12x1
BBT50-SF20-100K	20	33	42	100	62	52	10	M16x1
BBT50-SF25-110K	25	44	53	110	72	58	10	M16x1
BBT50-SF32-110K	32	44	53	110	72	62	10	M16x1
BBT50-SF06-120K	6	21	27	120	82	36	10	M5
BBT50-SF08-120K	8	21	27	120	82	36	10	M6
BBT50-SF10-120K	10	24	32	120	82	42	10	M8x1
BBT50-SF12-120K	12	24	32	120	82	47	10	M10x1
BBT50-SF14-120K	14	27	34	120	82	47	10	M10x1
BBT50-SF16-120K	16	27	34	120	82	50	10	M12x1
BBT50-SF18-120K	18	33	42	120	82	50	10	M12x1
BBT50-SF20-120K	20	33	42	120	82	52	10	M16x1
BBT50-SF25-120K	25	44	53	120	82	58	10	M16x1
BBT50-SF32-120K	32	44	53	120	82	62	10	M16x1
BBT50-SF06-160K	6	21	32	160	122	36	10	M5
BBT50-SF08-160K	8	21	32	160	122	36	10	M6
BBT50-SF10-160K	10	24	34	160	122	42	10	M8x1
BBT50-SF12-160K	12	24	34	160	122	47	10	M10x1
BBT50-SF14-160K	14	27	42	160	122	47	10	M10x1
BBT50-SF16-160K	16	27	42	160	122	50	10	M12x1
BBT50-SF18-160K	18	33	51	160	122	50	10	M12x1
BBT50-SF20-160K	20	33	51	160	122	52	10	M16x1
BBT50-SF25-160K	25	44	60	160	122	58	10	M16x1
BBT50-SF32-160K	32	44	60	160	122	62	10	M16x1

Shrink Fit Chuck, 4.5°, Coolant

热缩刀柄, 端面出水型

A ↗
≤0.003

RPM
G2.5/25000


AD/B


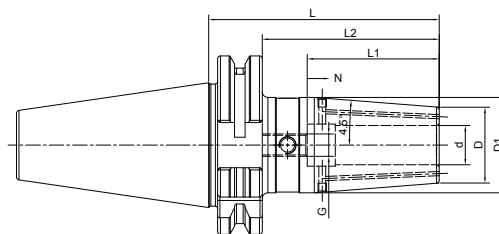
Size	d	D	D1	L	L2	L1	N	G
SK40-SF03-80K	3	15	20	80	60.9	-	-	-
SK40-SF04-80K	4	15	20	80	60.9	-	-	-
SK40-SF05-80K	5	15	20	80	60.9	-	-	-
SK40-SF06-80K	6	21	27	80	60.9	36	10	M5
SK40-SF08-80K	8	21	27	80	60.9	36	10	M6
SK40-SF10-80K	10	24	32	80	60.9	42	10	M8x1
SK40-SF12-80K	12	24	32	80	60.9	47	10	M10x1
SK40-SF14-80K	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

Shrink Fit Chuck, 4.5°, Coolant 热缩刀柄，端面出水型

A ↗
≤0.003

RPM
G2.5/25000

AD



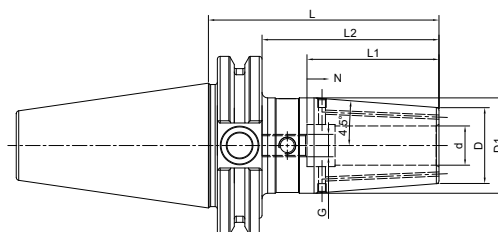
Size	d	D	D1	L	L2	L1	N	G
SK50-SF06-80K	6	21	27	80	60.9	36	10	M5
SK50-SF08-80K	8	21	27	80	60.9	36	10	M6
SK50-SF10-80K	10	24	32	80	60.9	42	10	M8x1
SK50-SF12-80K	12	24	32	80	60.9	47	10	M10x1
SK50-SF14-80K	14	27	34	80	60.9	47	10	M10x1
SK50-SF16-80K	16	27	34	80	60.9	50	10	M12x1
SK50-SF18-80K	18	33	42	80	60.9	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

Shrink Fit Chuck, 4.5°, Coolant

热缩刀柄，端面出水型

A ↗
≤0.003

RPM
G2.5/25000


AD


Size	d	D	D1	L	L2	L1	N	G
CAT40-SF03-80K	3	15	20	80	60.9	-	-	-
CAT40-SF04-80K	4	15	20	80	60.9	-	-	-
CAT40-SF05-80K	5	15	20	80	60.9	-	-	-
CAT40-SF06-80K	6	21	27	80	60.9	36	10	M5
CAT40-SF08-80K	8	21	27	80	60.9	36	10	M6
CAT40-SF10-80K	10	24	31	80	60.9	42	10	M8x1
CAT40-SF12-80K	12	24	31	80	60.9	47	10	M10x1
CAT40-SF14-80K	14	27	34	80	60.9	47	10	M10x1
CAT40-SF16-80K	16	27	34	80	60.9	50	10	M12x1
CAT40-SF18-80K	18	33	40	80	60.9	50	10	M12x1
CAT40-SF20-80K	20	33	40	80	60.9	52	10	M16x1
CAT40-SF25-100K	25	44	50	100	80.9	58	10	M16x1
CAT40-SF32-100K	32	44	50	100	80.9	62	10	M16x1
CAT40-SF06-120K	6	21	27	120	100.9	36	10	M5
CAT40-SF08-120K	8	21	27	120	100.9	36	10	M6
CAT40-SF10-120K	10	24	32	120	100.9	42	10	M8x1
CAT40-SF12-120K	12	24	32	120	100.9	47	10	M10x1
CAT40-SF14-120K	14	27	34	120	100.9	47	10	M10x1
CAT40-SF16-120K	16	27	34	120	100.9	50	10	M12x1
CAT40-SF18-120K	18	33	42	120	100.9	50	10	M12x1
CAT40-SF20-120K	20	33	42	120	100.9	52	10	M16x1
CAT40-SF25-120K	25	44	50	120	100.9	58	10	M16x1
CAT40-SF06-160K	6	21	32	160	140.9	36	10	M5
CAT40-SF08-160K	8	21	32	160	140.9	36	10	M6
CAT40-SF10-160K	10	24	34	160	140.9	42	10	M8x1
CAT40-SF12-160K	12	24	34	160	140.9	47	10	M10x1
CAT40-SF14-160K	14	27	42	160	140.9	47	10	M10x1
CAT40-SF16-160K	16	27	42	160	140.9	50	10	M12x1
CAT40-SF18-160K	18	33	50	160	140.9	50	10	M12x1
CAT40-SF20-160K	20	33	50	160	140.9	52	10	M16x1
CAT40-SF25-160K	25	44	50	160	140.9	58	10	M16x1
CAT40-SF32-160K	32	44	50	160	140.9	62	10	M16x1

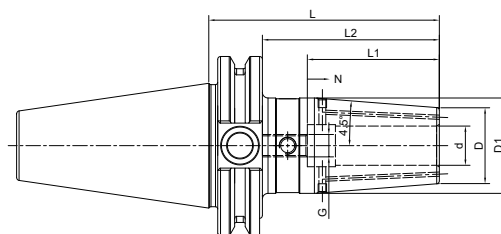
Shrink Fit Chuck, 4.5°, Coolant

热缩刀柄, 端面出水型

A ↗
≤0.003

RPM
G2.5/25000

AD

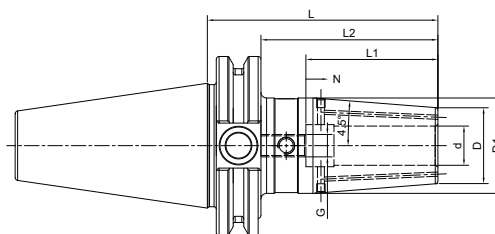


Size	d	D	D1	L	L2	L1	N	G
CAT50-SF06-80K	6	21	27	80	60.9	36	10	M5
CAT50-SF08-80K	8	21	27	80	60.9	36	10	M6
CAT50-SF10-80K	10	24	31	80	60.9	42	10	M8x1
CAT50-SF12-80K	12	24	31	80	60.9	47	10	M10x1
CAT50-SF14-80K	14	27	34	80	60.9	47	10	M10x1
CAT50-SF16-80K	16	27	34	80	60.9	50	10	M12x1
CAT50-SF18-80K	18	33	40	80	60.9	50	10	M12x1
CAT50-SF20-80K	20	33	39.5	80	60.9	52	10	M16x1
CAT50-SF25-100K	25	44	52.5	100	80.9	58	10	M16x1
CAT50-SF32-100K	32	44	52.5	100	80.9	62	10	M16x1
CAT50-SF06-120K	6	21	27	120	100.9	36	10	M5
CAT50-SF08-120K	8	21	27	120	100.9	36	10	M6
CAT50-SF10-120K	10	24	32	120	100.9	42	10	M8x1
CAT50-SF12-120K	12	24	32	120	100.9	47	10	M10x1
CAT50-SF14-120K	14	27	34	120	100.9	47	10	M10x1
CAT50-SF16-120K	16	27	34	120	100.9	50	10	M12x1
CAT50-SF18-120K	18	33	42	120	100.9	50	10	M12x1
CAT50-SF20-120K	20	33	42	120	100.9	52	10	M16x1
CAT50-SF25-120K	25	44	53	120	100.9	58	10	M16x1
CAT50-SF32-120K	32	44	53	120	100.9	62	10	M16x1

Shrink Fit Chuck, 4.5°, Coolant 热缩刀柄, 端面出水型

A ↗
≤0.003

RPM
G2.5/25000


AD


Size	d	D	D1	L	L2	L1	N	G
CAT50-SF06-160K	6	21	32	160	140.9	36	10	M5
CAT50-SF08-160K	8	21	32	160	140.9	36	10	M6
CAT50-SF10-160K	10	24	34	160	140.9	42	10	M8x1
CAT50-SF12-160K	12	24	34	160	140.9	47	10	M10x1
CAT50-SF14-160K	14	27	42	160	140.9	47	10	M10x1
CAT50-SF16-160K	16	27	42	160	140.9	50	10	M12x1
CAT50-SF18-160K	18	33	51	160	140.9	50	10	M12x1
CAT50-SF20-160K	20	33	51	160	140.9	52	10	M16x1
CAT50-SF25-160K	25	44	60	160	140.9	58	10	M16x1
CAT50-SF32-160K	32	44	60	160	140.9	62	10	M16x1
CAT50-SF06-200K	6	21	32	200	180.9	36	10	M5
CAT50-SF08-200K	8	21	32	200	180.9	36	10	M6
CAT50-SF10-200K	10	24	34	200	180.9	42	10	M8x1
CAT50-SF12-200K	12	24	34	200	180.9	47	10	M10x1
CAT50-SF14-200K	14	27	42	200	180.9	47	10	M10x1
CAT50-SF16-200K	16	27	42	200	180.9	50	10	M12x1
CAT50-SF18-200K	18	33	51	200	180.9	50	10	M12x1
CAT50-SF20-200K	20	33	51	200	180.9	52	10	M16x1
CAT50-SF25-200K	25	44	60	200	180.9	58	10	M16x1
CAT50-SF32-200K	32	44	60	200	180.9	62	10	M16x1

Shrink Fit Chuck, 4.5°, Coolant

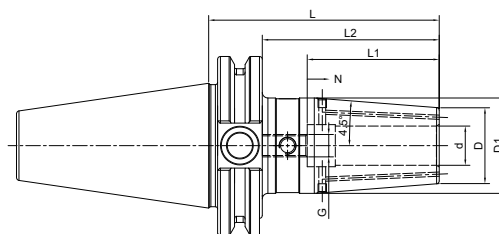
热缩刀柄, 端面出水型



A ↗
≤0.003

RPM
G2.5/25000

AD



Size	d	D	D1	L	L2	L1	N	G
CAT40-SF1/8-3.15"K	0.125"	0.59"	0.79"	3.15"	2.40"	-	-	-
CAT40-SF3/16-3.15"K	0.187"	0.59"	0.79"	3.15"	2.40"	-	-	-
CAT40-SF1/4-3.15"K	0.250"	0.83"	1.06"	3.15"	2.40"	1.42"	0.39"	M5
CAT40-SF5/16-3.15"K	0.312"	0.83"	1.06"	3.15"	2.40"	1.42"	0.39"	M6
CAT40-SF3/8-3.15"K	0.375"	0.94"	1.26"	3.15"	2.40"	1.65"	0.39"	M8x1
CAT40-SF1/2-3.15"K	0.500"	1.06"	1.34"	3.15"	2.40"	1.85"	0.39"	M10x1
CAT40-SF5/8-3.15"K	0.625"	1.06"	1.34"	3.15"	2.40"	1.97"	0.39"	M12x1
CAT40-SF3/4-3.15"K	0.750"	1.30"	1.65"	3.15"	2.40"	2.05"	0.39"	M16x1
CAT40-SF1-3.94"K	1.000"	1.73"	2.09"	3.94"	2.56"	2.44"	0.39"	M16x1
CAT40-SF1-1/4-3.94"K	1.250"	1.73"	2.09"	3.94"	2.56"	2.44"	0.39"	M16x1
CAT40-SF1/8-4.72"K	0.125"	0.59"	0.79"	4.72"	3.34"	-	-	-
CAT40-SF3/16-4.72"K	0.187"	0.59"	0.79"	4.72"	3.34"	-	-	-
CAT40-SF1/4-4.72"K	0.250"	0.83"	1.06"	4.72"	3.34"	1.42"	0.39"	M5
CAT40-SF5/16-4.72"K	0.312"	0.83"	1.06"	4.72"	3.34"	1.42"	0.39"	M6
CAT40-SF3/8-4.72"K	0.375"	0.94"	1.26"	4.72"	3.34"	1.65"	0.39"	M8x1
CAT40-SF1/2-4.72"K	0.500"	1.06"	1.34"	4.72"	3.34"	1.85"	0.39"	M10x1
CAT40-SF5/8-4.72"K	0.625"	1.06"	1.34"	4.72"	3.34"	1.97"	0.39"	M12x1
CAT40-SF3/4-4.72"K	0.750"	1.30"	1.65"	4.72"	3.34"	2.05"	0.39"	M16x1
CAT40-SF1-4.72"K	1.000"	1.73"	2.09"	4.72"	3.34"	2.44"	0.39"	M16x1
CAT40-SF1-1/4-4.72"K	1.250"	1.73"	2.09"	4.72"	3.34"	2.44"	0.39"	M16x1
CAT40-SF1/8-6.30"K	0.125"	0.59"	0.79"	6.30"	4.92"	-	-	-
CAT40-SF3/16-6.30"K	0.187"	0.59"	0.79"	6.30"	4.92"	-	-	-
CAT40-SF1/4-6.30"K	0.250"	0.83"	1.26"	6.30"	4.92"	1.42"	0.39"	M5
CAT40-SF5/16-6.30"K	0.312"	0.83"	1.26"	6.30"	4.92"	1.42"	0.39"	M6
CAT40-SF3/8-6.30"K	0.375"	0.94"	1.34"	6.30"	4.92"	1.65"	0.39"	M8x1
CAT40-SF1/2-6.30"K	0.500"	1.06"	1.65"	6.30"	4.92"	1.85"	0.39"	M10x1
CAT40-SF5/8-6.30"K	0.625"	1.06"	1.65"	6.30"	4.92"	1.97"	0.39"	M12x1
CAT40-SF3/4-6.30"K	0.750"	1.30"	1.75"	6.30"	4.92"	2.05"	0.39"	M16x1
CAT40-SF1-6.30"K	1.000"	1.73"	2.09"	6.30"	4.92"	2.44"	0.39"	M16x1
CAT40-SF1-1/4-6.30"K	1.250"	1.73"	2.09"	6.30"	4.92"	2.44"	0.39"	M16x1

Shrink Fit Chuck, 4.5°, Coolant

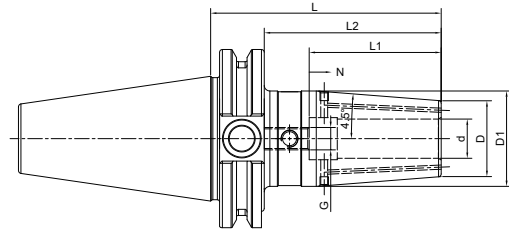
热缩刀柄, 端面出水型



A ↗
≤0.003

RPM
G2.5/25000

AD



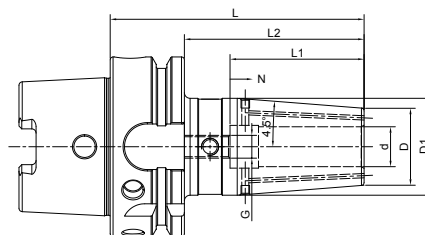
Size	d	D	D1	L	L2	L1	N	G
CAT50-SF1/4-3.15"K	0.250"	0.83"	1.06"	3.15"	2.36"	1.42"	0.39"	M5
CAT50-SF3/8-3.15"K	0.375"	0.94"	1.26"	3.15"	2.36"	1.65"	0.39"	M8x1
CAT50-SF1/2-3.15"K	0.500"	1.06"	1.34"	3.15"	2.36"	1.85"	0.39"	M10x1
CAT50-SF5/8-3.15"K	0.625"	1.06"	1.34"	3.15"	2.36"	1.97"	0.39"	M12x1
CAT50-SF3/4-3.15"K	0.750"	1.30"	1.65"	3.15"	2.36"	2.05"	0.39"	M16x1
CAT50-SF1-3.94"K	1.000"	1.73"	2.09"	3.94"	2.75"	2.44"	0.39"	M16x1
CAT50-SF1-1/4-3.94"K	1.250"	1.73"	2.09"	3.94"	2.75"	2.44"	0.39"	M16x1
CAT50-SF1/4-4.72"K	0.250"	0.83"	1.06"	4.72"	3.35"	1.42"	0.39"	M5
CAT50-SF3/8-4.72"K	0.375"	0.94"	1.26"	4.72"	3.35"	1.65"	0.39"	M8x1
CAT50-SF1/2-4.72"K	0.500"	1.06"	1.34"	4.72"	3.35"	1.85"	0.39"	M10x1
CAT50-SF5/8-4.72"K	0.625"	1.06"	1.34"	4.72"	3.35"	1.97"	0.39"	M12x1
CAT50-SF3/4-4.72"K	0.750"	1.30"	1.65"	4.72"	3.35"	2.05"	0.39"	M16x1
CAT50-SF1-4.72"K	1.000"	1.73"	2.09"	4.72"	3.35"	2.44"	0.39"	M16x1
CAT50-SF1-1/4-4.72"K	1.250"	1.73"	2.09"	4.72"	3.35"	2.44"	0.39"	M16x1
CAT50-SF1/4-6.30"K	0.250"	0.83"	1.26"	6.30"	4.92"	1.42"	0.39"	M5
CAT50-SF3/8-6.30"K	0.375"	0.94"	1.34"	6.30"	4.92"	1.65"	0.39"	M8x1
CAT50-SF1/2-6.30"K	0.500"	1.06"	1.65"	6.30"	4.92"	1.85"	0.39"	M10x1
CAT50-SF5/8-6.30"K	0.625"	1.06"	1.65"	6.30"	4.92"	1.97"	0.39"	M12x1
CAT50-SF3/4-6.30"K	0.750"	1.30"	2.01"	6.30"	4.92"	2.05"	0.39"	M16x1
CAT50-SF1-6.30"K	1.000"	1.73"	2.36"	6.30"	4.92"	2.44"	0.39"	M16x1
CAT50-SF1-1/4-6.30"K	1.250"	1.73"	2.36"	6.30"	4.92"	2.44"	0.39"	M16x1

Shrink Fit Chuck, 4.5°, Coolant 热缩刀柄, 端面出水型

A ↗
≤0.003

RPM
G2.5/25000

AD



Size	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

Shrink Fit Chuck, 4.5°, Coolant

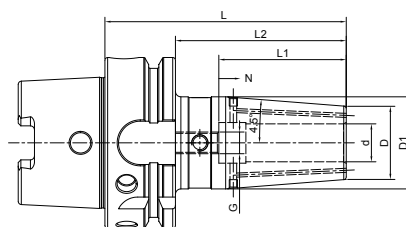
热缩刀柄, 端面出水型



A ↗
≤0.003

RPM
G2.5/25000

AD



Size	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

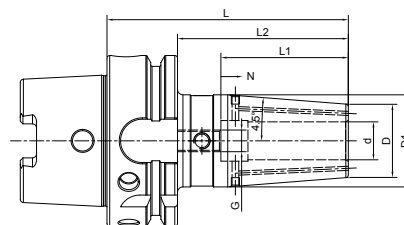
Shrink Fit Chuck, 4.5°, Coolant

热缩刀柄, 端面出水型

A ↗
≤0.003

RPM
G2.5/25000

AD



Size	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

Shrink Fit Chuck, Slim, 3°

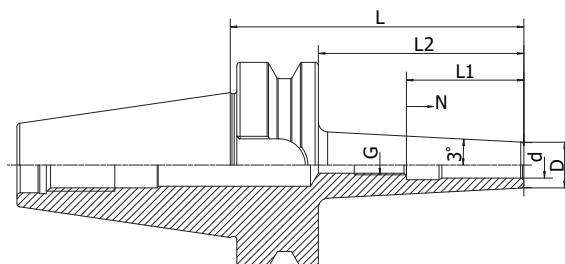
热缩刀柄 3 度, 细长型



A ↗
≤0.003

RPM
G2.5/25000

AD



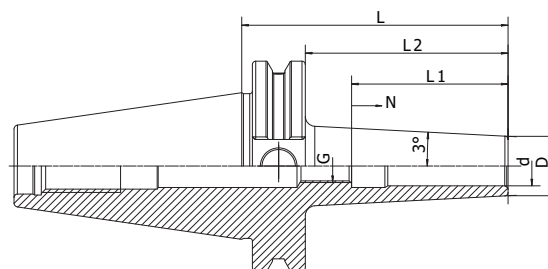
Size	d	D	L	L2	L1	N	G
BT30-SFS03-80	3	9	80	58	-	-	-
BT30-SFS04-80	4	10	80	58	-	-	-
BT30-SFS06-80	6	12	80	58	36	10	M5
BT30-SFS08-80	8	14	80	58	36	10	M6
BT30-SFS10-80	10	16	80	58	42	10	M8x1
BT30-SFS12-80	12	18	80	58	47	10	M10x1
BT30-SFS16-80	16	22	80	58	50	10	M12x1
BT40-SFS03-90	3	9	90	63	-	-	-
BT40-SFS04-90	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
BT40-SFS20-160	20	27	160	133	52	10	M16x1

Shrink Fit Chuck, Slim, 3°

热缩刀柄 3 度, 细长型



A ↗ ≤0.003	RPM G2.5/25000	AD
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Size	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

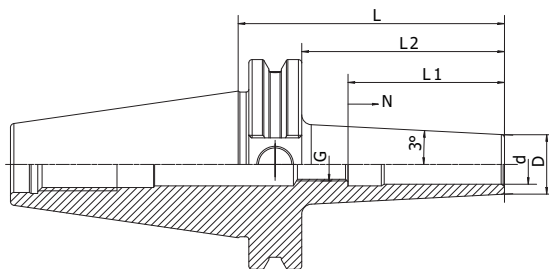
Shrink Fit Chuck, Slim, 3° 热缩刀柄 3 度, 细长型



A ↗
≤0.003

RPM
G2.5/25000

AD



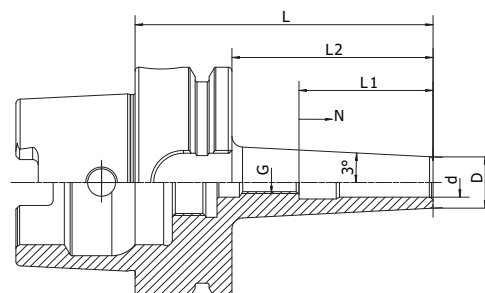
Size	d	D	D1	L	L1	G
CAT40-SFS03-80	3	9	15.5	80	45	M6.0P
CAT40-SFS04-80	4	10	16.3	80	45	M6.0P
CAT40-SFS06-80	6	12	18.3	80	45	M5x0.8P
CAT40-SFS1/8"-3.15"	1/8"	0.35"	0.60"	3.15"	0.78"	M6.0P
CAT40-SFS3/16"-3.15"	3/16"	0.43"	0.68"	3.15"	0.78"	M6.0P
CAT40-SFS1/4"-3.15"	1/4"	0.47"	0.72"	3.15"	1.42"	M5x0.8P
CAT40-SFS3/8"-3.15"	3/8"	0.63"	0.88"	3.15"	1.93"	M8x1.25P
CAT40-SFS1/2"-3.15"	1/2"	0.70"	0.96"	3.15"	1.93"	M10x1.5P

Shrink Fit Chuck, Slim, 3°

热缩刀柄 3 度, 细长型



A ↗ ≤0.003	RPM G2.5/25000	AD
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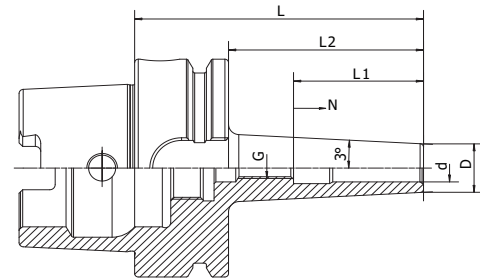


Size	d	D	L	L2	L1	N	G
HSK50A-SFS03-80	3	9	80	54	-	-	-
HSK50A-SFS04-80	4	10	80	54	-	-	-
HSK50A-SFS06-80	6	12	80	54	36	10	M5
HSK50A-SFS08-80	8	14	80	54	36	10	M6
HSK50A-SFS10-85	10	16	85	59	42	10	M8x1
HSK50A-SFS12-90	12	18	90	64	47	10	M10x1
HSK50A-SFS16-95	16	22	95	69	50	10	M12x1
HSK63A-SFS03-80	3	9	80	54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

Shrink Fit Chuck, Slim, 3° 热缩刀柄 3 度, 细长型



A ↗ ≤0.003	RPM G2.5/25000	AD
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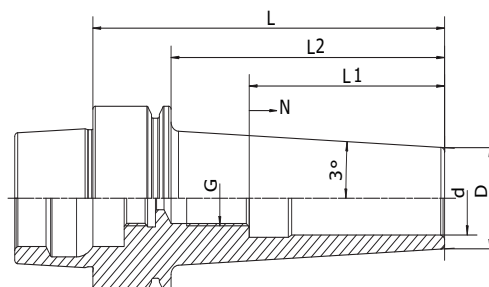
Size	d	D	L	L2	L1	N	G
HSK63A-SFS1/8-3.15"	0.125"	0.59"	3.15"	2.13"	-	-	-
HSK63A-SFS3/16-3.15"	0.187"	0.59"	3.15"	2.13"	-	-	-
HSK63A-SFS1/4-3.15"	0.250"	0.83"	3.15"	2.13"	1.42"	0.39"	M5
HSK63A-SFS5/16-3.15"	0.312"	0.83"	3.15"	2.13"	1.42"	0.39"	M6
HSK63A-SFS3/8-3.35"	0.375"	0.94"	3.35"	2.32"	1.65"	0.39"	M8x1
HSK63A-SFS1/2-3.54"	0.500"	1.06"	3.54"	2.52"	1.85"	0.39"	M10x1

Shrink Fit Chuck, Slim, 3° **热缩刀柄 3 度, 细长型**

A ↗
≤0.003

RPM
G2.5/25000

AD



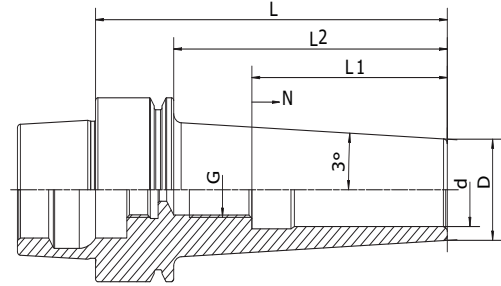
Size	d	D	L	L2	L1	N	G
HSK25E-SFS03-50	3	9	50	33	23	8	M6
HSK25E-SFS04-50	4	10	50	33	20	4	M6
HSK25E-SFS05-50	5	11	50	33	20	3	M6
HSK25E-SFS06-50	6	12	50	33	36	—	—
HSK25E-SFS08-50	8	14	50	38	36	—	—
HSK25E-SFS10-50	10	16	50	40	42	—	—
HSK32E-SFS03-60	3	9	60	44	20	5	M6
HSK32E-SFS04-60	4	10	60	44	20	5	M6
HSK32E-SFS06-70	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

Shrink Fit Chuck, Slim, 3°

热缩刀柄 3 度, 细长型

A ↗
≤0.003

RPM
G2.5/25000

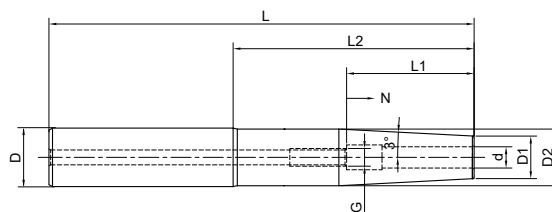

AD


Size	d	D	D1	L	L2	L1	N	G
HSK40E-SFS1/8-2.36"	1/8"	0.36"	0.63"	2.36"	1.57"	0.78"	—	M6 x 1.0
HSK40E-SFS3/16-2.36"	3/16"	0.43"	0.69"	2.36"	1.57"	0.78"	—	M6 x 1.0
HSK40E-SFS1/4-2.36"	1/4"	0.47"	0.81"	2.36"	1.57"	1.42"	0.39"	M5 x 0.8
HSK40E-SFS3/8-2.36"	3/8"	0.63"	0.94"	2.36"	1.57"	1.65"	0.39"	M8 x 1.25
HSK40E-SFS1/2-2.36"	1/2"	0.71"	1.06"	2.36"	1.57"	1.85"	0.39"	M10 x 1.5

HSK50E-SFS1/8-2.76	0.125	0.39	0.55	2.76	1.65	0.79	—	M6
HSK50E-SFS3/16-2.76	0.187	0.39	0.55	2.76	1.65	0.98	—	M6
HSK50E-SFS1/4-2.76	0.25	0.47	0.63	2.76	1.65	1.42	0.39"	M5
HSK50E-SFS3/8-2.76	0.375	0.63	0.79	2.76	1.65	1.65	0.39"	
HSK50E-SFS1/2-2.76	0.5	0.71	0.87	2.76	1.65	1.85	0.39"	—
HSK50E-SFS5/8-2.76	0.625	0.87	1.02	2.76	1.65	1.85	0.39"	—
HSK50E-SFS1/4-3.54	0.25	0.47	0.71	3.54	2.36	1.42	0.39"	M5
HSK50E-SFS3/8-3.54	0.375	0.63	0.87	3.54	2.36	1.65	0.39"	M8x1
HSK50E-SFS1/2-3.54	0.5	0.79	1.02	3.54	2.36	1.85	0.39"	M10x1
HSK50E-SFS5/8-3.54	0.625	0.87	1.1	3.54	2.36	1.97	0.39"	M10x1
HSK50E-SFS1/8-3.94	0.125	0.39	0.67	3.94	2.76	0.79	—	M6
HSK50E-SFS3/16-3.94	0.187	0.43	0.71	3.94	2.76	0.98	—	M6
HSK50E-SFS1/4-4.72	0.25	0.47	0.83	4.72	3.54	1.42	0.39"	M5
HSK50E-SFS3/8-4.72	0.375	0.63	0.98	4.72	3.54	1.65	0.39"	M8x1
HSK50E-SFS1/2-4.72	0.5	0.79	1.14	4.72	3.54	1.85	0.39"	M10x1
HSK50E-SFS5/8-4.72	0.625	0.87	1.22	4.72	3.54	1.97	0.39"	M10x1

Shrink Fit Extension, 3°

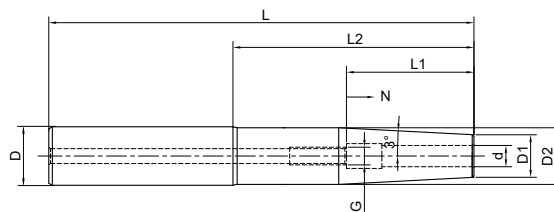
3° 直柄热缩延长杆



Size	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
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

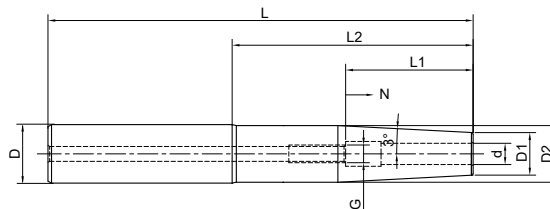
Shrink Fit Extension, 3°

3° 直柄热缩延长杆



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

Shrink Fit Extension, 3° 3° 直柄热缩延长杆

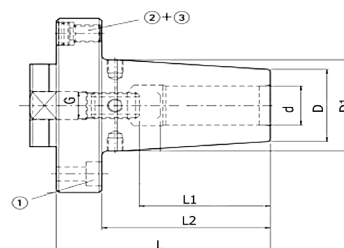


Size	d	D1	D2	D	L	L1	L2	N	G
C1/2-1/8-4.33	1/8	0.39	1/2	1/2	4.33	0.79	2.48	0.2	M6
C3/4-1/8-4.33	1/8	0.39	3/4	3/4	4.33	0.98	2.28	0.2	M6
C1/2-1/4-4.33	1/4	0.47	1/2	1/2	4.33	1.42	2.48	0.39	M5
C3/4-1/4-4.33	1/4	0.47	3/4	3/4	4.33	1.42	2.28	0.39	M5
C3/4-3/8-4.33	3/8	0.63	3/4	3/4	4.33	1.65	2.28	0.39	M8*1
C3/4-1/8-9.84	1/8	0.39	3/4	3/4	9.84	0.79	7.79	0.2	M6
C3/4-1/4-9.84	1/4	0.47	3/4	3/4	9.84	1.42	7.79	0.39	M5
C3/4-3/8-9.84	3/8	0.63	3/4	3/4	9.84	1.65	7.79	0.39	M8*1
C3/4-1/2-9.84	1/2	0.79	1	3/4	9.84	1.85	7.59	0.39	M10*1
C1-1/2-9.84	1/2	0.87	1	1	9.84	1.85	7.59	0.39	M10*1
C1-5/8-9.84	5/8	0.87	1	1	9.84	1.97	7.59	0.39	M12*1

Module Shrink Chuck

法兰热缩刀柄

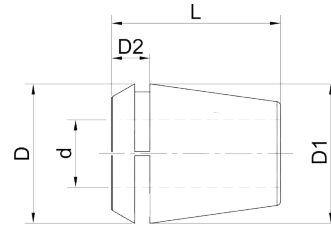
A ↗
≤0.003



Size	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

Shrink Fit ER Collet

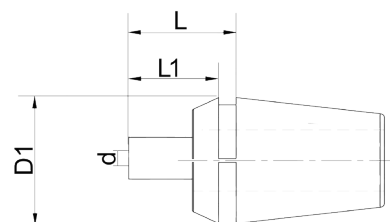
ER 热缩夹头



Size	Collet Size	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
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

Shrink Fit ER Collet Extension

ER 热缩延长杆



Size	Collet Size	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
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
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
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

Shrink Chuck Set

热缩刀柄套装

A ↗
≤0.003

RPM
G2.5/25000

AD



Size	Tool Holder Size	Extension Size	Extension Quantity
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

Shrink Chuck Taper 分体热缩本体，标准型

A ↗
≤0.003

RPM
G2.5/25000

AD

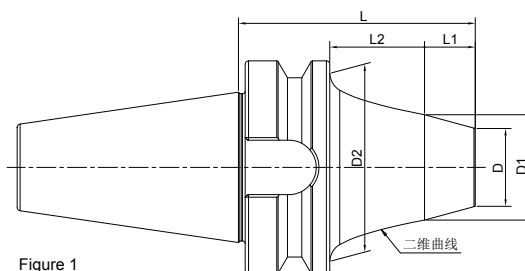


Figure 1

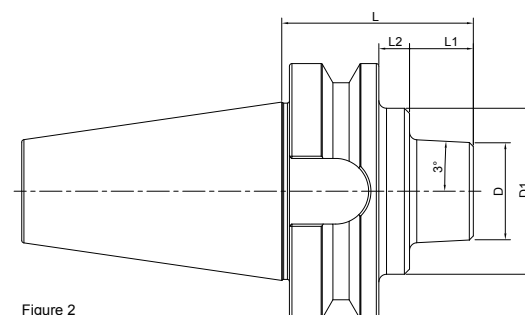


Figure 2

Size	D	D1	D2	L	L1	L2	Figure
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

Shrink Chuck Taper

分体热缩本体，标准型

A ↗	RPM	AD
≤0.003	G2.5/25000	

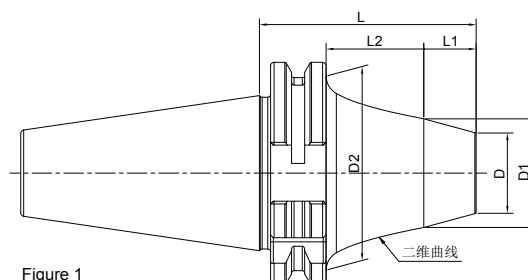


Figure 1

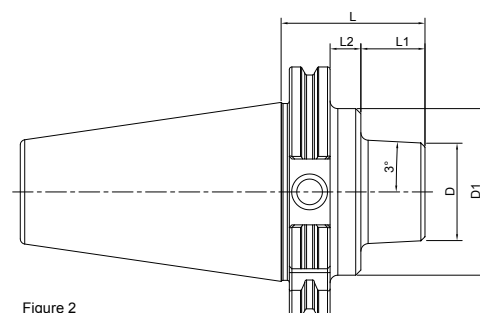


Figure 2

Size	D	D1	D2	L	L1	L2	Figure
SK30-TSF06-35	19	-	34	35	13	-	1
SK30-TSF08-35	23	27.5	34	35	13	-	1
SK30-TSF12-35	38	-	-	35	13	-	2
SK40-TSF08-40	23	31.2	50	40	13	-	1
SK40-TSF12-45	38	-	-	45	18	-	2
SK40-TSF12-75	38	-	-	75	48	-	2
SK40-TSF12-135	38			135	108		
SK50-TSF12-75	38	65	-	75	25	12	2
SK50-TSF12-105	38	65		105	55	12	2
SK50-TSF12-135	38	65		135	85	12	2

Shrink Chuck Taper 分体热缩本体，标准型

A ↗	RPM	
≤0.003	G2.5/25000	AD

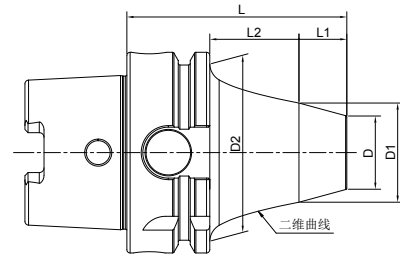


Figure 1

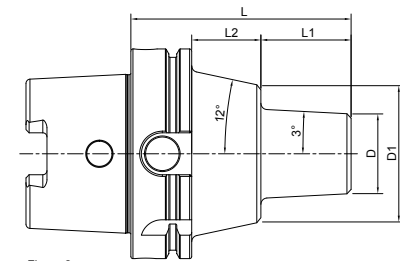


Figure 2

Size	D	D1	D2	L	L1	L2	Figure
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

Shrink Chuck Taper

分体热缩本体，标准型



A ↗	RPM	AD
≤0.003	G2.5/25000	

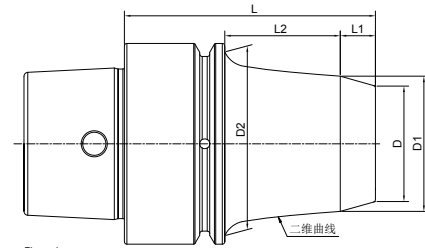


Figure 1

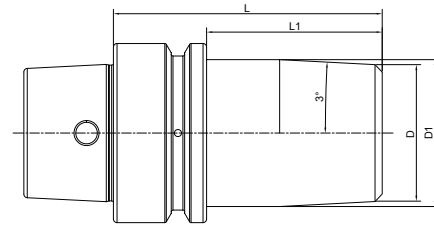


Figure 2

Size	D	D1	D2	L	L1	L2	Figure
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

Shrink Chuck Taper 分体热缩本体，标准型

A ↗ ≤0.003	RPM G2.5/25000	 AD
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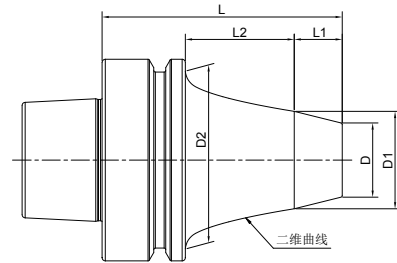


Figure 1

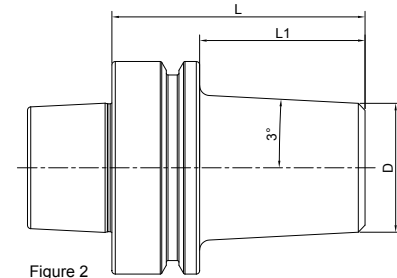


Figure 2

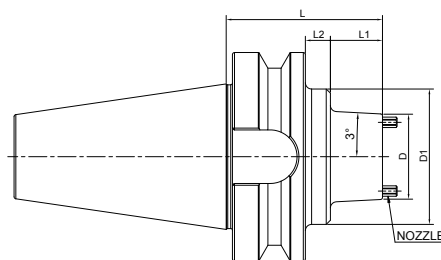
Size	D	D1	D2	L	L1	L2	Figure
HSK63F-TSF08-55	23	29.5	53	55	7	22	1
HSK63F-TSF12-75	38	-	-	75	49	-	2

Shrink Chuck Taper, Coolant

分体热缩本体，端面出水型



A ↗	RPM	AD
≤0.003	G2.5/25000	AD



Size	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

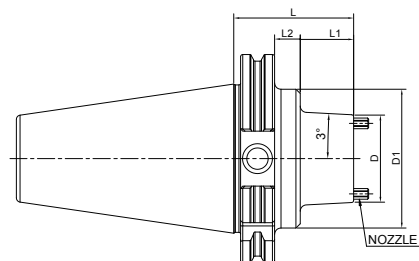
Tool Holder DIN 69871

Shrink Chuck Taper, Coolant

分体热缩本体，端面出水型



A ↗	RPM	AD
≤0.003	G2.5/25000	AD



Size	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

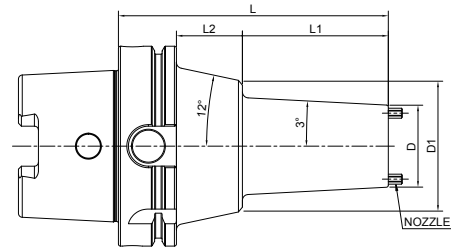
Shrink Chuck Taper, Coolant

分体热缩本体, 端面出水型

A ↗
≤0.003

RPM
G2.5/25000

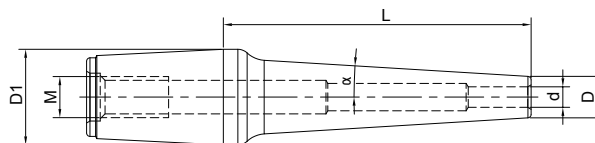
AD



Size	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

Shrink Chuck Extension, Slim

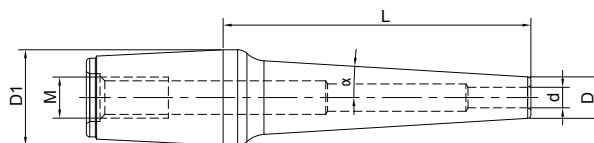
分体热缩延长杆, 细长型



Size	d	D	D1	L	M	α
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
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

Shrink Chuck Extension, Slim

分体热缩延长杆, 细长型



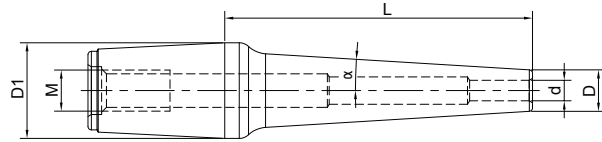
Size	d	D	D1	L	M	α
12-SF9-35S	9	12	26	35	M10	3
12-SF9-55S	9	12	26	55	M10	3
12-SF9-80S	9	12	26	80	M10	3
12-SF9-110S	9	12	26	110	M10	3
12-SF10-35S						
	10	13	26	35	M10	3
12-SF10-55S	10	13	26	55	M10	3
12-SF10-80S	10	13	26	80	M10	3
12-SF10-110S	10	13	26	110	M10	3
12-SF11-35S						
	11	14	26	35	M10	3
12-SF11-55S	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

Inch

Size	d	D	D1	L	M	α
12-SF3.175-35S	3.175	6.175	26	35	M10	3
12-SF3.175-55S	3.175	6.175	26	55	M10	3
12-SF3.175-80S	3.175	6.175	26	80	M10	3
12-SF3.175-110S	3.175	6.175	26	110	M10	3

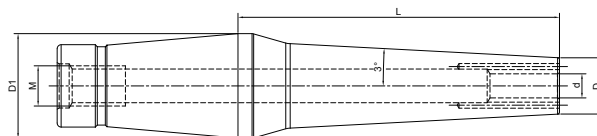
Shrink Chuck Extension, Standard

分体热缩延长杆, 标准型



Size	d	D	D1	L	M	α
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

Shrink Chuck Extension, Coolant 分体热缩延长杆, 端面出水型



Size	d	D	D1	L	M
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

Shrink Chuck Set

热缩刀柄套装

A ↗
≤0.003

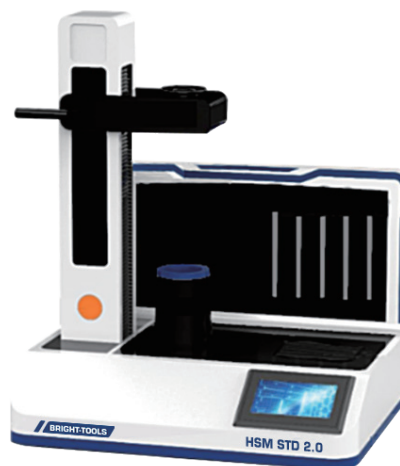
RPM
G2.5/25000


AD


Size	Tool Holder Size	Extension Size	Extension Quantity
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

Shrink Fit Machine, Standard 热缩机, 标准型

- Inductive shrink fit technology
- 7"-Touch-Display, automatic parameter setting, simplified usability
- Used for carbide cutting tools
- 电磁感应加热技术
- 7 寸触摸屏，自动化参数设置，使用简单
- 适用于硬质合金刀具



Size	Power	Power	D	DxWxH
HSM STD 2.0	380V 50HZ	13KW	Φ3-Φ32	740×580×845