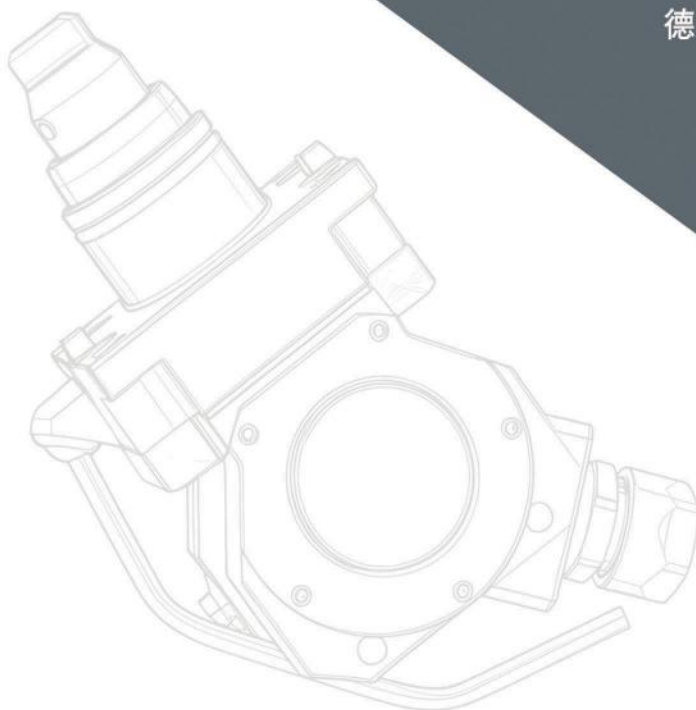




DEZHOU BORUI PRECISION CO.,LTD

德州博瑞精工有限公司



产品手册 PRODUCT BROCHURE



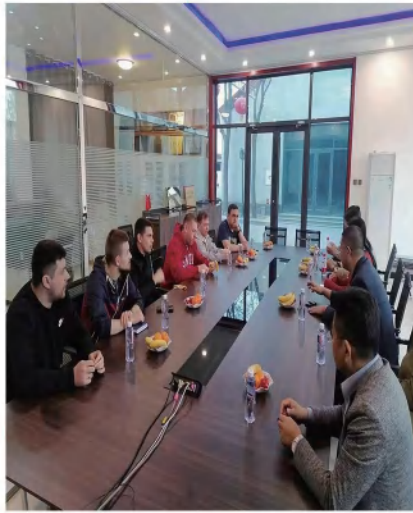
About Us

Dezhou Borui Precision Co., Ltd. was established in 2016 and is committed to the development, production and sales of machine tool accessories. The main products include CNC tool holder, collet, precision vise and other machine tool accessories. There are more than 150 advanced equipments such as cnc lathe machine, cnc milling machine, cnc machine center and high quality grinding machine. We have R & D teams of 10 persons, and more than 200 technicians. Products are exported to 50 countries and regions such as the United States, Germany, Italy, Turkey, Russia, Poland, and Mexico.

德州博瑞精工有限公司成立于2016年，致力于机床附件产品的研发、生产与销售，主营产品包括数控刀柄、夹头、精密平口钳及其他机床附件产品，拥有各类数控车床 数控铣床 加工中心 高精磨 内外圆磨等先进设备150多台，研发团队10人，技工200多人。产品远销美国，德国，意大利，土耳其，俄罗斯，波兰，墨西哥等五十个国家和地区。



Clients Visit



Office Environment



Company certificate



对外贸易经营者备案登记表		9337142300430493000	
备案登记表编号: 02417804		统一社会信用代码: 通过企业信用信息公示系统	
经营者中文名称	德州博瑞精工有限公司		
经营者英文名称	Dexhou BoRui Precision Co., Ltd.		
组织机构代码		经营者类型 (由备案登记机关填写)	有限责任公司
住 所	山东省德州市平原县经济开发区互联网创新创业园		
经营范围 (中文)	山东省德州市平原县经济开发区互联网创新创业园		
经营范围 (英文)	Internet Innovation and Entrepreneurship Park, Economic development zone (Pingyuan county) Dexhou city Shandong Province		
联系电话	15651227999	固定电话	0534-7889168
邮箱名称	253105	电子邮箱	81776734@qq.com
工商登记注册日期	2015-3-6	工商登记注册号	
依法办理工商登记的企业还需填写以下内容			
企业法定代表人姓名	杨作强	身份证号码	371423197904100037
注册资金	人民币元		(折美元)
依法办理工商登记的外资(地区)企业或个体工商户(跨境电商) 还需填写以下内容			
企业法定代表人 / 个体工商户负责人姓名	有效证件号		
企业资产 / 个人资产			(折美元)
备注			

报表前请认真阅读背面的条款, 并由企业法定代表人或个体工商户负责人签字、盖章。



2017 年 05 月 01 日



Factory direct shooting



Main Products



Packing & Shipping





Yang CEO
杨传强

+86 156-2122-7999
+86 534 7863118
yang@borui-tools.com
www.borui-tools.com



Online shop



Whatsapp



Wechat



Amy Sales Manager
马菲菲

+86 181 5340 3517
+86 534 7863118
amy@borui-tools.com
www.borui-tools.com



Online shop



Whatsapp



Wechat



Annie Sales Manager
张海燕

+86 180 5346 3117
+86 534 7863118
annie@borui-tools.com
www.borui-tools.com



Online shop



Whatsapp



Wechat



Joy Sales Manager
刘凤菊

+86 19105449817
+86 534 7863118
joy@borui-tools.com
www.borui-tools.com



Online shop



Whatsapp



Wechat



Tom YaoXue
姚雪

+86 18153443815
+86 534 7863118
vivian@borui-tools.com
www.borui-tools.com



Online shop



Whatsapp



Wechat



Foina ZhaoYiFan
赵一凡

+86 13356848067
+86 534 7863118
mint@borui-tools.com
www.borui-tools.com



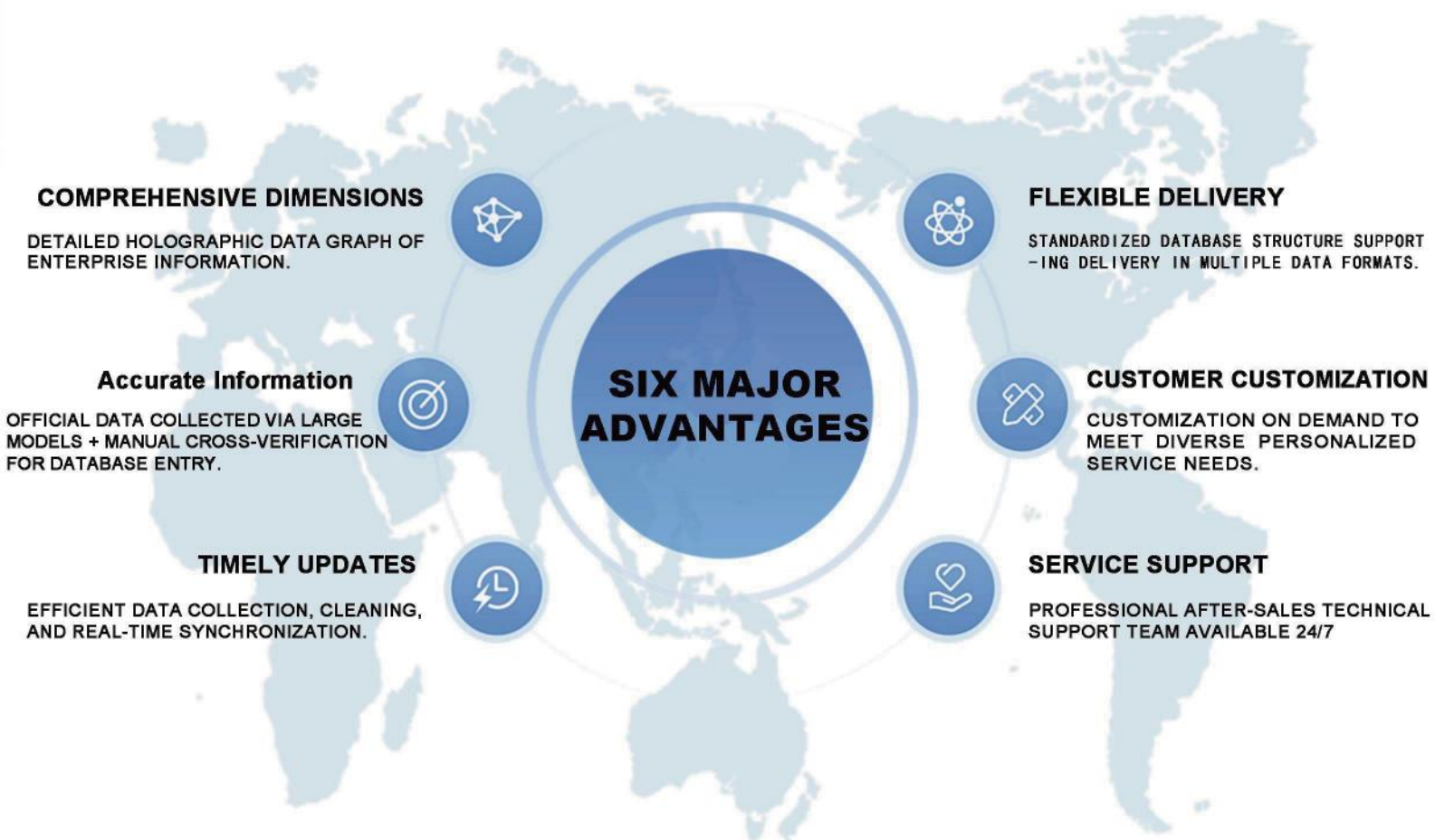
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PRODUCT CATALOG

01

SHRINK FIT CHUCKS

DIN 69893 HSK-A



SF

P1-7

JIS B 6339 BT/BBT



SF

P8-15

DIN 69871 SK



SF

P16-20

AMSE B5.50 CAT



SF

P21-22

DIN 69893 HSK-A



SLS

P23-27

JIS B 6339 BT/BBT



SLS

P28-37

DIN 69893 HSK-A
MAIN UNIT 12 TYPE



SLK

P38

JIS B 6339 BT/BBT
MAIN UNIT 12 TYPE



SLK

P39-40

SLIMLINE12型



P41-42

02

HYDRAULIC CHUCKS

DIN 69893 HSK-E



P43

DIN 69893 HSK-A



P44

DIN 69893 HSK-A



P45-47

JIS B 6339 BT/BBT



P48

JIS B 6339 BT/BBT



P49

JIS B 6339 BT/BBT



P50

JIS B 6339 BT/BBT
HIGH PRECISION HYDRAULIC CHUCKS



P51

DIN 69871 SK
HIGH PRECISION HYDRAULIC CHUCKS



P52

DIN 69893 HSK-E
HIGH PRECISION HYDRAULIC CHUCKS



P53

DIN 69893 HSK-A
HIGH PRECISION HYDRAULIC CHUCKS



P54-55

JIS B 6339 BT/BBT
FHC HIGH PRECISION HYDRAULIC
EXPANSION CHUCKS



P55

ER HIGH PRECISION
HYDRAULIC TOOL HOLDER



P56

FHC HIGH PRECISION
HYDRAULIC TOOL HOLDER



P56

03

POWER MILLING HOLDER

DIN 69893 HSK-A



P57

JIS B 6339 BT/BBT



P58-59

DIN 69871 SK



P60

04

ER COLLET CHUCKS

DIN 69893 HSK-A



P61-64

JIS B 6339 BT/BBT



P65-70

DIN 69871 SK



P71-72

05

SHELL MILL CHUCKS

DIN 69893 HSK-A-A



P73-74

DIN 69893 HSK-A-B



P75

JIS B 6339 BT/BBT-A



P76-79

JIS B 6339 BT/BBT-B



P80

PRODUCT CATALOG

DIN 69871 SK



P81-82

06

SIDE LOCK CHUCKS

DIN 69893 HSK-A



P83-84

JIS B 6339 BT/BBT



P85-87

DIN 69871 SK



P88-89

07

MT REDUCING ADAPTOR
WITH TANG / FOR
LOCKING THREADS

DIN 69893 HSK-A
MT REDUCING ADAPTOR WITH TANG



P90

JIS B 6339 BT/BBT
MT REDUCING ADAPTOR WITH TANG



P91

JIS B 6339 BT/BBT-B
MT REDUCING ADAPTOR FOR
LOCKING THREADS



P92

08

SHORT DRILL CHUCKS

DIN 69893 HSK-A



P93

JIS B 6339 BT/BBT



P94

09

SK PRECISION COLLET
CHUCKS

DIN 69893 HSK-A



P95

JIS B 6339 BT/BBT



P96-98

10

BLANK TOOL HOLDER

DIN 69893 HSK-A



P99

JIS B 6339 BT/BBT



P100

11

PRODUCTS
ACCESSORIES

DIN 6499
ER COLLETS



P102

FER CORROSION PROTECTION



P103

DIN 6499
ERC COLLANT COLLET



P104

FERG RIGID TAP COLLETS



P105-106

SK/SKC COLLETS



P107-108

STRAIGHT-SHANK COLLET



P109

HYDRAULIC COLLET



P110

HCDHYDRAULIC COLLETS



P111

POWER MILLING COLLETS



P112

PRODUCT CATALOG

SDC SLIM DILL CHUCK



P113

ERS SLIDING NUTS A/UM



P114

ER NUTS A/UM



P115

ERFM ANTISKID NUT



P116

SK NUT



P116

ER NUTS MS/M



P117

GER NUT



P118

SCREW



P118

PULL STUDS



P119-126

SK WIND-PROOF NUT



P126

COOLANT TUBES



P127

DRILL CHUCK



P128

SCREWS



P129

END KEY



P129

TIGHTENED



P130

RETAINING RINGS



P130

TEST BARS BT/HSK



P131

HSK CALIBRATOR



P132

TOOL HOLDER LOCKING
DEVICE BT/SK/HSK



P133-134

WRENCH



P135-139

SPINDLE TAPER WIPER



P140

WD EXTERNAL EXPANSION
MANDREL



P141

TTJ-MDJJ
FIVE-AXIS GRINDING FIXTURE



P141

HYDRAULIC REDUCER



P142

12

TAPPING HOLDER

RIGID QUICK CHANGE
TAPPING COLLET



P143-145

TORSION TYPE QUICK CHANGE
TAPPING COLLET



P146-149

TORSION TYPE QUICK CHANGE
TAPPING COLLET (PT SIDE LOCK)



P150

QUICK CHANGE CONNECTION
SLEEVE



P151

TAP COLLET CONVERSION SLEEVE



P151

BT/BBT
MICRO-TELESCOPING TAPPING
HOLDER



P152

HSK
MICRO-TELESCOPING TAPPING
HOLDER



P153

DIN1835-B+E
STRAIGHT MICRO-TELESCOPING
TAPPING HOLDER



P153

STRAIGHT MICRO-TELESCOPING
TAPPING HOLDER



P154

HSK
WF QUICK CHANGE TELESCOPING
TAPPING HOLDER



P154

VDI
WF QUICK CHANGE TELESCOPING
TAPPING HOLDER



P155

VDI
WF QUICK CHANGE TELESCOPING
TAPPING HOLDER



P155

BT/BBT
WF QUICK CHANGE TELESCOPING
TAPPING HOLDER



P156

NT (DIN2080)
WF QUICK CHANGE TELESCOPING
TAPPING HOLDER



P156

PRODUCT CATALOG



PRODUCT CATALOG

14

VDI POWER TOOL
HOLDER

DIN 1809



P186-187

DIN 5480



P187-189

DIN 5482



P189-190

15

BMT POWER TOOL
HOLDER

INNER HOLE TOOL HOLDER



P191

END FACE TOOL HOLDER



P192

OD TOOL HOLDER



P193

REVERSE OD TOOL HOLDER



P194

BMT40/0/ER25
POWER TOOL HOLDER



P195

BMT40/90/ER25
POWER TOOL HOLDER



P195

BMT45/0/ER25
POWER TOOL HOLDER



P196

BMT45/90/ER25
POWER TOOL HOLDER



P196

BMT55/0/ER32
POWER TOOL HOLDER



P197

BMT55/90/ER32
POWER TOOL HOLDER



P197

BMT65/0/ER40
POWER TOOL HOLDER



P198

BMT65/90/ER40
POWER TOOL HOLDER



P198

BMT40-65W
POWER TOOL HOLDER



P199

BMT40-65GC
POWER TOOL HOLDER



P199

BMT40-65LR/90°
LEFT AND RIGHT DOUBLE POWER
TOOL HOLDER



P200

BMT40-65UL/90°
UPPER AND LOWER DOUBLE POWER
TOOL HOLDER



P200

16

ANGLE HEAD

AG90-ER11



P202

AG90-ER16



P202

AG90-ER20



P203

AG90-ER25



P203

AG90-ER32



P204

AG90-ER40



P204

AG90-BT30



P205

AG90-BT40



P205

AGB-BT40



P206

AG90-BT50



P206

AG90-ER16×2



P207

AG90-ER20×2



P207

AG90-ER25×2



P208

AG90-ER32×2



P208

PRODUCT CATALOG

AG90-ER40×2



P209

AG90-BT40×2



P209

AG90-F50



P210

AG90-F63



P210

AG90-F80



P211

AG90-F100



P211

AGU-ER20



P212

AGU-ER25



P212

AGU-ER16



P213

AGU-ER32



P213

AGU-BT50



P214

17 CENTER

DEAD CENTER



P215

HALF NOTCHED CENTER



P215

CARBIDE HALF-NOTCHED
CENTER



P216

CARBIDE CENTER



P216

BULL NOSE CENTER



P217

M11 LIVE CENTER



P217

LIGHT-DUTY LIVE CENTER



P218

MEDIUM-DUTY LIVE CENTER



P219

MEDIUM-DUTY LIVE CENTER



P220

HIGH-SPEED MEDIUM-DUTY
MULTI-PURPOSE LIVE CENTER



P221

HIGH-SPEED LIVE CENTER



P222

VERSA-TURN LIVE CENTER A



P222-223

18

TOOL HOLDER BUSHING

TOOL HOLDER BUSHING TYPE "B"



P224

TOOL HOLDER BUSHING TYPE "C"



P225

REDUCTION SLEEVE FOR BORING
BAR HOLDER



P226

19

WISE

GT VISE



P227

QUICK CHANGE VISE



P228

ACCESSORIES FOR STD VISE



P229

MODULAR ELEMENTS



P230-231

PRODUCT CATALOG

PRECISION TOOL VISE



P232

DOUBLE OPENING VISE



P233

PRECISION SUPER HI-PRESSURE
RAPID VISE



P234

POWER MACHINE VISE-HYDRAULIC
TYPE



P235

PRECISION POWER VISE-MECHANICALLY



P236

MULTI-POWER SUPER TYPE



P237

MULTI-POWER SUPER TYPE



P238

20
CHUCK

THREE-JAW
SELF-CENTERING CHUCKS



P239

SHORT-TAPER
THREE-JAW SELF-CENTERING CHUCKS



P240-245

TWO-JAW
SELF-CENTERING CHUCKS



P247

FOUR-JAW
SELF-CENTERING CHUCKS



P248

FOUR-JAW
INDEPENDENT CHUCKS



P249-253

ADJUSTABLE PRECISION
SELF-COMBINATION CHUCKS



P254

THREE-JAW
COMBINATION CHUCKS



P255

FOUR-JAW
COMBINATION CHUCKS



P255

CHUCK JAWS



P256-257

3-JAW
HIGH SPEED HOLLOW POWER CHUCKS



P258

2-JAW
HIGH SPEED HOLLOW POWER CHUCKS



P259

4-JAW
HIGH SPEED HOLLOW POWER CHUCKS



P260

3-JAW SOLID POWER CHUCKS



P262

2-JAW SOLID POWER CHUCKS



P263

ADAPTOR PLATES



P267

STANDARD SOFT JAWS



P268

21
MACHINE

ELECTRIC TAPPING MACHINE



P271-274

PNEUMATIC TAPPING MACHINE



P275

END MILL GRINDER



P276-277

DRILL BITS GRINDER



P278-279

SHEET BIT GRINDER



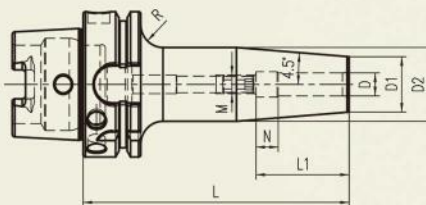
P280

热缩刀柄/SHRINK FIT CHUCKS (4.5°) DIN 69893 HSK-A



FEATURES:

- Total runout: 0.003 (3×d)
- Made of special heat-resistant steel.
- Tool shank tolerance requirement: h6
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Standard dynamic balance: G2.5/25000rpm



✧ Suitable for 13KW power heat shrink fit machines.

型号 MODEL		尺寸SIZE (mm)							
DIN 69893		D	D1	D2	L	L1	M	N	R
HSK40A-SF03-60	HSK-A40	3	10	-	60	9	-	-	2
HSK40A-SF03-120	HSK-A40	3	10	-	120	9	-	-	2
HSK40A-SF04-60	HSK-A40	4	10	-	60	12	-	-	2
HSK40A-SF04-120	HSK-A40	4	10	-	120	12	-	-	2
HSK40A-SF05-60	HSK-A40	5	10	-	60	15	-	-	2
HSK40A-SF05-120	HSK-A40	5	10	-	120	15	-	-	2
HSK40A-SF06-80	HSK-A40	6	21	27	60	36	M5×0.8	10	2
HSK40A-SF06-120	HSK-A40	6	21	27	120	36	M5×0.8	10	3.5
HSK40A-SF08-80	HSK-A40	8	21	27	80	36	M6×1	10	2
HSK40A-SF08-120	HSK-A40	8	21	27	120	36	M6×1	10	3.5
HSK40A-SF10-80	HSK-A40	10	24	32	80	42	M8×1	10	1
HSK40A-SF10-120	HSK-A40	10	24	32	120	42	M8×1	10	1
HSK40A-SF12-90	HSK-A40	12	24	32	90	47	M10×1	10	1
HSK40A-SF12-120	HSK-A40	12	24	32	120	47	M10×1	10	1
HSK40A-SF14-90	HSK-A40	14	27	34	90	47	M10×1	10	1
HSK40A-SF16-90	HSK-A40	16	27	34	90	50	M12×1	10	1

✧ Accessories need to be ordered separately.

✧ Products 3, 4 and 5 are equipped with cross cooling grooves on the end face.

✧ Please contact our company if you need products of other models or specifications.

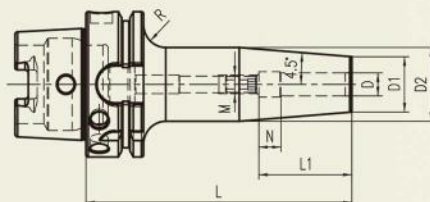
配件 ASSEMBLE PARTS	D								
	3	4	5	6	8	10	12	14	16
 螺钉 SCREW	-			M5×0.8-14	M6×1-14	M8×1-14	M10×1-14	M10×1-14	M12×1-14
附件 ACCESSORIES	D								
	3	4	5	6	8	10	12	14	16
 扳手 WRENCH	-			2.5	3	4	5		6
 冷却液套管 COOLANT TUBE		TS-HSK40							
 扳手 COOLANT TUBE WRENCH		HSK40							

热缩刀柄/SHRINK FIT CHUCKS (4.5°) DIN 69893 HSK-A



FEATURES:

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- Tool shank tolerance requirement: h6
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Standard dynamic balance: G2.5/25000rpm



✧ Suitable for 13KW power heat shrink fit machines.

型号 MODEL DIN 69893		尺寸 SIZE (mm)							
		D	D1	D2	L	L1	M	N	R
HSK50A-SF03-60	HSK-A50	3	10	—	60	9	—	—	2
HSK50A-SF03-120	HSK-A50	3	10	—	120	9	—	—	2
HSK50A-SF03-130	HSK-A50	3	10	—	130	9	—	—	2
HSK50A-SF04-60	HSK-A50	4	10	—	60	12	—	—	2
HSK50A-SF04-120	HSK-A50	4	10	—	120	12	—	—	2
HSK50A-SF04-130	HSK-A50	4	10	—	130	12	—	—	2
HSK50A-SF05-60	HSK-A50	5	10	—	60	15	—	—	2
HSK50A-SF05-120	HSK-A50	5	10	—	120	15	—	—	2
HSK50A-SF05-130	HSK-A50	5	10	—	130	15	—	—	2
HSK50A-SF06-80	HSK-A50	6	21	27	80	36	M5×0.8	10	2
HSK50A-SF06-120	HSK-A50	6	21	27	120	36	M5×0.8	10	7.5
HSK50A-SF06-130	HSK-A50	6	21	27	130	36	M5×0.8	10	7.5
HSK50A-SF08-80	HSK-A50	8	21	27	80	36	M6×1	10	2
HSK50A-SF08-120	HSK-A50	8	21	27	120	36	M6×1	10	7.5
HSK50A-SF08-130	HSK-A50	8	21	27	130	36	M6×1	10	7.5
HSK50A-SF10-85	HSK-A50	10	24	32	85	42	M8×1	10	2
HSK50A-SF10-120	HSK-A50	10	24	32	120	42	M8×1	10	5
HSK50A-SF10-130	HSK-A50	10	24	32	130	42	M8×1	10	5
HSK50A-SF12-90	HSK-A50	12	24	32	90	47	M10×1	10	2
HSK50A-SF12-120	HSK-A50	12	24	32	120	47	M10×1	10	5
HSK50A-SF12-130	HSK-A50	12	24	32	130	47	M10×1	10	5
HSK50A-SF14-90	HSK-A50	14	27	34	90	47	M10×1	10	2
HSK50A-SF16-95	HSK-A50	16	27	34	95	50	M12×1	10	2
HSK50A-SF16-120	HSK-A50	16	27	34	120	50	M12×1	10	4
HSK50A-SF16-130	HSK-A50	16	27	34	130	50	M12×1	10	4

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✧ Please contact our company if you need products of other models or specifications.

配件 ASSEMBLE PARTS	D							
	3	4	5	6	8	10	12	14
螺钉 SCREW	—	—	—	M5×0.8-14	M6×1-14	M8×1-14	M10×1-14	M10×1-14
附件 ACCESSORIES	D							
	3	4	5	6	8	10	12	14
扳手 WRENCH	—	—	—	2.5	3	4	5	6
冷却液套管 COOLANT TUBE	TS-HSK50/TS-HSK50-W							
冷却液套管扳手 COOLANT TUBE WRENCH	HSK50							

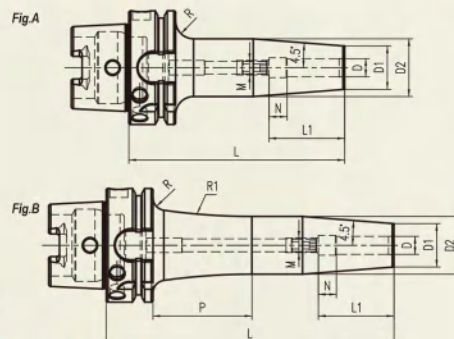
热缩刀柄/SHRINK FIT CHUCKS (4.5°) DIN 69893 HSK-A



FEATURES:

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- Made of special heat-resistant steel.
- Tool shank tolerance requirement: h6
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Standard dynamic balance: G2.5/2500rpm

✧ Suitable for 13KW power heat shrink fit machines.



型号 MODEL		尺寸SIZE (mm)										
DIN 69893		D	D1	D2	L	L1	M	N	P	R	R1	Fig
HSK63A-SF03-80	HSK-A63	3	10	-	80	9	-	-	-	8	-	A
HSK63A-SF03-120	HSK-A63	3	10	-	120	9	-	-	-	8	-	A
HSK63A-SF03-130	HSK-A63	3	10	-	130	9	-	-	-	8	-	A
HSK63A-SF04-80	HSK-A63	4	10	-	80	12	-	-	-	8	-	A
HSK63A-SF04-120	HSK-A63	4	10	-	120	12	-	-	-	8	-	A
HSK63A-SF04-130	HSK-A63	4	10	-	130	12	-	-	-	8	-	A
HSK63A-SF05-80	HSK-A63	5	10	-	80	15	-	-	-	8	-	A
HSK63A-SF05-120	HSK-A63	5	10	-	120	15	-	-	-	8	-	A
HSK63A-SF05-130	HSK-A63	5	10	-	130	15	-	-	-	8	-	A
HSK63A-SF06-80	HSK-A63	6	21	27	80	36	M5×0.8	10	-	2	-	A
HSK63A-SF06-120	HSK-A63	6	21	27	120	36	M5×0.8	10	-	13	-	A
HSK63A-SF06-130	HSK-A63	6	21	27	130	36	M5×0.8	10	-	13	-	A
HSK63A-SF06-160	HSK-A63	6	21	27	160	36	M5×0.8	10	55	6	200	B
HSK63A-SF06-200	HSK-A63	6	21	27	200	36	M5×0.8	10	55	6	200	B
HSK63A-SF08-80	HSK-A63	8	21	27	80	36	M6×1	10	-	2	-	A
HSK63A-SF08-120	HSK-A63	8	21	27	120	36	M6×1	10	-	13	-	A
HSK63A-SF08-130	HSK-A63	8	21	27	130	36	M6×1	10	-	13	-	A
HSK63A-SF08-160	HSK-A63	8	21	27	160	36	M6×1	10	55	6	200	B
HSK63A-SF08-200	HSK-A63	8	21	27	200	36	M6×1	10	55	6	200	B
HSK63A-SF10-85	HSK-A63	10	24	32	85	42	M8×1	10	-	2	-	A
HSK63A-SF10-120	HSK-A63	10	24	32	120	42	M8×1	10	-	10	-	A
HSK63A-SF10-130	HSK-A63	10	24	32	130	42	M8×1	10	-	10	-	A
HSK63A-SF10-160	HSK-A63	10	24	32	160	42	M8×1	10	55	7	350	B
HSK63A-SF10-200	HSK-A63	10	24	32	200	42	M8×1	10	55	7	350	B
HSK63A-SF12-90	HSK-A63	12	24	32	90	47	M10×1	10	-	2	-	A
HSK63A-SF12-120	HSK-A63	12	24	32	120	47	M10×1	10	-	10.5	-	A
HSK63A-SF12-130	HSK-A63	12	24	32	130	47	M10×1	10	-	10.5	-	A
HSK63A-SF12-160	HSK-A63	12	24	32	160	47	M10×1	10	55	7	350	B
HSK63A-SF12-200	HSK-A63	12	24	32	200	47	M10×1	10	55	7	350	B
HSK63A-SF14-90	HSK-A63	14	27	34	90	47	M10×1	10	-	2	-	A
HSK63A-SF14-120	HSK-A63	14	27	34	120	47	M10×1	10	-	9.5	-	A
HSK63A-SF14-130	HSK-A63	14	27	34	130	47	M10×1	10	-	9.5	-	A
HSK63A-SF14-160	HSK-A63	14	27	34	160	47	M10×1	10	55	6	350	B
HSK63A-SF14-200	HSK-A63	14	27	34	200	47	M10×1	10	55	6	350	B

✧ Accessories need to be ordered separately.

✧ Products 3, 4 and 5 are equipped with cross cooling grooves on the end face.

✧ Please contact our company if you need products of other models or specifications.

配件 ASSEMBLE PARTS		D											
		3	4	5	6	8	10	12	14	16	18	20	25
 螺钉 SCREW	-			M5×0.8-14	M6×1-14	M8×1-14	M10×1-14		M12×1-14		M16×1-14		
附件 ACCESSORIES		D											
		3	4	5	6	8	10	12	14	16	18	20	25
 扳手 WRENCH	-			2.5	3	4	5		6		8		
 冷却液管 COOLANT TUBE		TS-HSK63/TS-HSK63-W											
 冷却液管扳手 COOLANT TUBE WRENCH		HSK63											

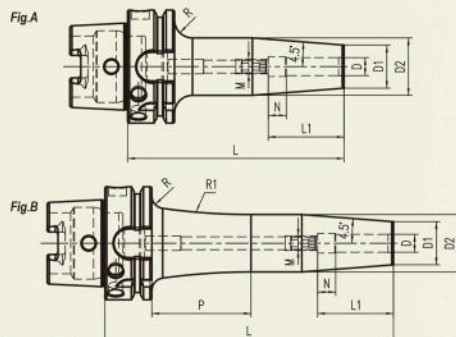
热缩刀柄/SHRINK FIT CHUCKS (4.5°) DIN 69893 HSK-A



FEATURES:

- Total runout: 0.003 (3×d)
- Made of special heat-resistant steel.
- Tool shank tolerance requirement: h6
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Standard dynamic balance: G2.5/25000rpm

✧ Suitable for 13KW power heat shrink fit machines.



型号 MODEL DIN 69893		尺寸SIZE (mm)										
		D	D1	D2	L	L1	M	N	P	R	R1	Fig
HSK63A-SF16-95	HSK-A63	16	27	34	95	50	M12×1	10	-	2	-	A
HSK63A-SF16-120	HSK-A63	16	27	34	120	50	M12×1	10	-	9.5	-	A
HSK63A-SF16-130	HSK-A63	16	27	34	130	50	M12×1	10	-	9.5	-	A
HSK63A-SF16-160	HSK-A63	16	27	34	160	50	M12×1	10	55	6	350	B
HSK63A-SF16-200	HSK-A63	16	27	34	200	50	M12×1	10	55	6	350	B
HSK63A-SF18-95	HSK-A63	18	33	42	95	50	M12×1	10	-	2	-	A
HSK63A-SF18-120	HSK-A63	18	33	42	120	50	M12×1	10	-	5.5	-	A
HSK63A-SF18-130	HSK-A63	18	33	42	130	50	M12×1	10	-	5.5	-	A
HSK63A-SF18-160	HSK-A63	18	33	42	160	50	M12×1	10	-	5.5	-	A
HSK63A-SF18-200	HSK-A63	18	33	42	200	50	M12×1	10	-	5.5	-	A
HSK63A-SF20-100	HSK-A63	20	33	42	100	52	M16×1	10	-	5.5	-	A
HSK63A-SF20-120	HSK-A63	20	33	42	120	52	M16×1	10	-	5.5	-	A
HSK63A-SF20-130	HSK-A63	20	33	42	130	52	M16×1	10	-	5.5	-	A
HSK63A-SF20-160	HSK-A63	20	33	42	160	52	M16×1	10	-	5.5	-	A
HSK63A-SF20-200	HSK-A63	20	33	42	200	52	M16×1	10	-	5.5	-	A
HSK63A-SF25-115	HSK-A63	25	44	53	115	58	M16×1	10	-	1	-	A
HSK63A-SF25-130	HSK-A63	25	44	53	130	58	M16×1	10	-	1	-	A
HSK63A-SF25-160	HSK-A63	25	44	53	160	58	M16×1	10	-	1	-	A
HSK63A-SF25-200	HSK-A63	25	44	53	200	58	M16×1	10	-	1	-	A
HSK63A-SF32-120	HSK-A63	32	44	53	120	58	M16×1	10	-	1	-	A
HSK63A-SF32-160	HSK-A63	32	44	53	160	58	M16×1	10	-	1	-	A
HSK63A-SF32-200	HSK-A63	32	44	53	200	58	M16×1	10	-	1	-	A

✧ Accessories need to be ordered separately.

✧ Products 3, 4 and 5 are equipped with cross cooling grooves on the end face.

✧ Please contact our company if you need products of other models or specifications.

配件 ASSEMBLE PARTS		D											
		3	4	5	6	8	10	12	14	16	18	20	25
 螺钉 SCREW	-			M5×0.8-14	M6×1-14	M8×1-14	M10×1-14		M12×1-14		M16×1-14		
附件 ACCESSORIES		D											
		3	4	5	6	8	10	12	14	16	18	20	25
 扳手 WRENCH	-			2.5	3	4	5		6		8		
 冷却液管 COOLANT TUBE		TS-HSK63/TS-HSK63-W											
 冷却液管扳手 COOLANT TUBE WRENCH		HSK63											

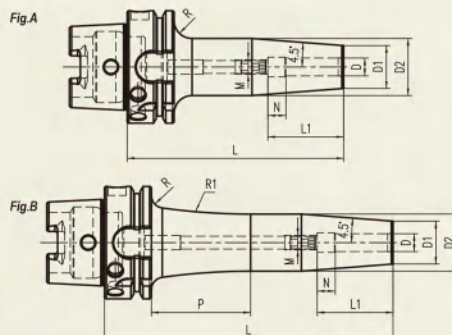
热缩刀柄/SHRINK FIT CHUCKS (4.5°) DIN 69893 HSK-A



FEATURES:

- Total runout: 0.003 (3×d)
- Made of special heat-resistant steel.
- Tool shank tolerance requirement: h6
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Standard dynamic balance: G2.5/25000rpm

✧ Suitable for 13KW power heat shrink fit machines.



型号 MODEL		尺寸SIZE (mm)										
DIN 69893		D	D1	D2	L	L1	M	N	P	R	R1	Fig
HSK100A-SF06-85	HSK-A100	6	21	27	85	36	M5×0.8	10	—	6	—	A
HSK100A-SF06-120	HSK-A100	6	21	27	120	36	M5×0.8	10	—	20	—	A
HSK100A-SF06-130	HSK-A100	6	21	27	130	36	M5×0.8	10	—	20	—	A
HSK100A-SF06-160	HSK-A100	6	21	27	160	36	M5×0.8	10	70	20	250	B
HSK100A-SF06-200	HSK-A100	6	21	27	200	36	M5×0.8	10	70	20	250	B
HSK100A-SF08-85	HSK-A100	8	21	27	85	36	M6×1	10	—	6	—	A
HSK100A-SF08-120	HSK-A100	8	21	27	120	36	M6×1	10	—	20	—	A
HSK100A-SF08-130	HSK-A100	8	21	27	130	36	M6×1	10	—	20	—	A
HSK100A-SF08-160	HSK-A100	8	21	27	160	36	M6×1	10	70	20	250	B
HSK100A-SF08-200	HSK-A100	8	21	27	200	36	M6×1	10	70	20	250	B
HSK100A-SF10-90	HSK-A100	10	24	32	90	42	M8×1	10	—	6	—	A
HSK100A-SF10-120	HSK-A100	10	24	32	120	42	M8×1	10	—	20	—	A
HSK100A-SF10-130	HSK-A100	10	24	32	130	42	M8×1	10	—	20	—	A
HSK100A-SF10-160	HSK-A100	10	24	32	160	42	M8×1	10	70	20	250	B
HSK100A-SF10-200	HSK-A100	10	24	32	200	42	M8×1	10	70	20	250	B
HSK100A-SF12-95	HSK-A100	12	24	32	95	47	M10×1	10	—	6	—	A
HSK100A-SF12-120	HSK-A100	12	24	32	120	47	M10×1	10	—	20	—	A
HSK100A-SF12-130	HSK-A100	12	24	32	130	47	M10×1	10	—	20	—	A
HSK100A-SF12-160	HSK-A100	12	24	32	160	47	M10×1	10	70	20	250	B
HSK100A-SF12-200	HSK-A100	12	24	32	200	47	M10×1	10	70	20	250	B
HSK100A-SF14-95	HSK-A100	14	27	34	95	47	M10×1	10	—	6	—	A
HSK100A-SF14-120	HSK-A100	14	27	34	120	47	M10×1	10	—	20	—	A
HSK100A-SF14-130	HSK-A100	14	27	34	130	47	M10×1	10	—	20	—	A
HSK100A-SF14-160	HSK-A100	14	27	34	160	47	M10×1	10	70	20	250	B
HSK100A-SF14-200	HSK-A100	14	27	34	200	47	M10×1	10	70	20	250	B
HSK100A-SF16-100	HSK-A100	16	27	34	100	50	M12×1	10	—	6	—	A
HSK100A-SF16-120	HSK-A100	16	27	34	120	50	M12×1	10	—	20	—	A
HSK100A-SF16-130	HSK-A100	16	27	34	130	50	M12×1	10	—	20	—	A
HSK100A-SF16-160	HSK-A100	16	27	34	160	50	M12×1	10	70	20	250	B
HSK100A-SF16-200	HSK-A100	16	27	34	200	50	M12×1	10	70	20	250	B
HSK100A-SF18-100	HSK-A100	18	33	42	100	50	M12×1	10	—	6	—	A
HSK100A-SF18-120	HSK-A100	18	33	42	120	50	M12×1	10	—	20	—	A
HSK100A-SF18-130	HSK-A100	18	33	42	130	50	M12×1	10	—	20	—	A
HSK100A-SF18-160	HSK-A100	18	33	42	160	50	M12×1	10	55	19	350	B
HSK100A-SF18-200	HSK-A100	18	33	42	200	50	M12×1	10	55	19	350	B

✧ Accessories need to be ordered separately.

✧ Products 3, 4 and 5 are equipped with cross cooling grooves on the end face.

✧ Please contact our company if you need products of other models or specifications.

配件 ASSEMBLE PARTS	D									
	6	8	10	12	14	16	18	20	25	32
 螺钉 SCREW	M5×0.8-14	M6×1-14	M8×1-14	M10×1-14		M12×1-14		M16×1-14		
附件 ACCESSORIES	D									
	6	8	10	12	14	16	18	20	25	32
 扳手 WRENCH	2.5	3	4	5		6		8		
 冷却液套管 COOLANT TUBE	TS-HSK100/TS-HSK100-W									
 扳手 COOLANT TUBE WRENCH	HSK63									

One-stop shop/OEM

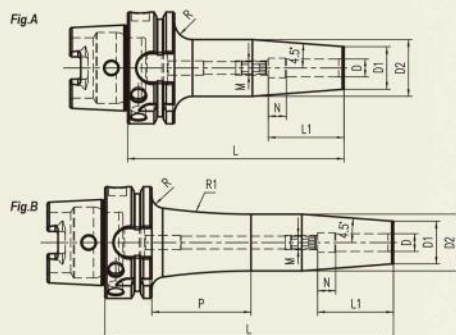
热缩刀柄/SHRINK FIT CHUCKS (4.5°) DIN 69893 HSK-A



FEATURES:

- Total runout: 0.003 (3×d)
- Made of special heat-resistant steel.
- Tool shank tolerance requirement: h6
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Standard dynamic balance: G2.5/25000rpm

✧ Suitable for 13KW power heat shrink fit machines.



型号 MODEL		尺寸SIZE (mm)										
DIN 69893		D	D1	D2	L	L1	M	N	P	R	R1	Fig
HSK100A-SF20-105	HSK-A100	20	33	42	105	52	M16×1	10	-	6	-	A
HSK100A-SF20-120	HSK-A100	20	33	42	120	52	M16×1	10	-	20	-	A
HSK100A-SF20-130	HSK-A100	20	33	42	130	52	M16×1	10	-	20	-	A
HSK100A-SF20-160	HSK-A100	20	33	42	160	52	M16×1	10	55	19	350	B
HSK100A-SF20-200	HSK-A100	20	33	42	200	52	M16×1	10	55	19	350	B
HSK100A-SF25-115	HSK-A100	25	44	53	115	58	M16×1	10	-	6	-	A
HSK100A-SF25-120	HSK-A100	25	44	53	120	58	M16×1	10	-	11	-	A
HSK100A-SF25-130	HSK-A100	25	44	53	130	58	M16×1	10	-	16	-	A
HSK100A-SF25-160	HSK-A100	25	44	53	160	58	M16×1	10	-	16	-	A
HSK100A-SF25-200	HSK-A100	25	44	53	200	58	M16×1	10	-	16	-	A
HSK100A-SF32-120	HSK-A100	32	44	53	120	58	M16×1	10	-	6	-	A
HSK100A-SF32-130	HSK-A100	32	44	53	130	58	M16×1	10	-	16	-	A
HSK100A-SF32-160	HSK-A100	32	44	53	160	58	M16×1	10	-	16	-	A
HSK100A-SF32-200	HSK-A100	32	44	53	200	58	M16×1	10	-	16	-	A

✧ Accessories need to be ordered separately.

✧ Products 3, 4 and 5 are equipped with cross cooling grooves on the end face.

✧ Please contact our company if you need products of other models or specifications.

配件 ASSEMBLE PARTS		D									
		6	8	10	12	14	16	18	20	25	32
 螺钉 SCREW	M5×0.8-14	M6×1-14	M8×1-14	M10×1-14		M12×1-14		M16×1-14			
附件 ACCESSORIES		D									
		6	8	10	12	14	16	18	20	25	32
 扳手 WRENCH	2.5	3	4	5		6		8			
 冷却液套管 COOLANT TUBE	TS-HSK100/TS-HSK100-W										
 扳手 COOLANT TUBE WRENCH	HSK63										

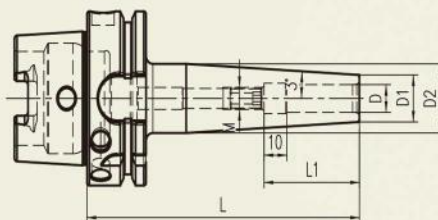
热缩刀柄/SHRINK FIT CHUCKS (3°)

DIN 69893 HSK-A



FEATURES:

- Total runout: 0.003 (3×d)
- Made of special heat-resistant steel.
- Tool shank tolerance requirement: h6
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Standard dynamic balance: G2.5/2500rpm



✧ Suitable for 13KW power heat shrink fit machines.

型号 MODEL		尺寸SIZE (mm)					
DIN 69893		D	D1	D2	L	L1	M
HSK63A-SFS04-80	HSK-A63	4	10	16	80	-	-
HSK63A-SFS04-120	HSK-A63	4	10	19	120	-	-
HSK63A-SFS04-160	HSK-A63	4	10	22	160	-	-
HSK63A-SFS06-80	HSK-A63	6	12	18	80	36	M5×0.8
HSK63A-SFS06-120	HSK-A63	6	12	21	120	36	M5×0.8
HSK63A-SFS06-160	HSK-A63	6	12	24	160	36	M5×0.8
HSK63A-SFS08-80	HSK-A63	8	14	20	80	36	M6×1
HSK63A-SFS08-120	HSK-A63	8	14	23	120	36	M6×1
HSK63A-SFS08-160	HSK-A63	8	14	26	160	36	M6×1
HSK63A-SFS10-90	HSK-A63	10	16	22	90	40	M8×1
HSK63A-SFS10-120	HSK-A63	10	16	25	120	40	M8×1
HSK63A-SFS10-160	HSK-A63	10	16	28	160	40	M8×1
HSK63A-SFS12-90	HSK-A63	12	18	24	90	45	M10×1
HSK63A-SFS12-120	HSK-A63	12	18	27	120	45	M10×1
HSK63A-SFS12-160	HSK-A63	12	18	30	160	45	M10×1

✧ Accessories need to be ordered separately.

✧ Products 3, 4 and 5 are equipped with cross cooling grooves on the end face.

✧ Please contact our company if you need products of other models or specifications.

配件 ASSEMBLE PARTS	D				
	4	6	8	10	12
螺钉 SCREW	-	M5×0.8-14	M6×1-14	M8×1-14	M10×1-14
附件 ACCESSORIES	D				
	4	6	8	10	12
扳手 WRENCH	-	2.5	3	4	5
冷却液套管 COOLANT TUBE	TS-HSK63/TS-HSK63-W				
扳手 COOLANT TUBE WRENCH	HSK63				

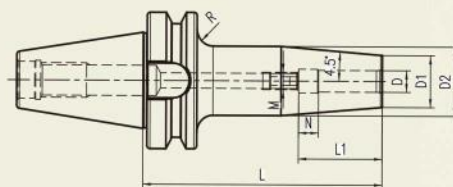
One-stop shop/OEM

热缩刀柄/SHRINK FIT CHUCKS (4.5°) JIS B 6339 BT



FEATURES:

- Total runout: 0.003 (3×d)
- Made of special heat-resistant steel.
- Tool shank tolerance requirement: h6
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Standard dynamic balance: G2.5/25000rpm



✧ Suitable for 13KW power heat shrink fit machines.

型号 MODEL JIS B 6339-AD		尺寸SIZE (mm)							
		D	D1	D2	L	L1	M	N	R
BT30-SF03-60	BT30	3	10	-	60	9	-	-	6
BT30-SF03-80	BT30	3	10	-	80	9	-	-	6
BT30-SF04-60	BT30	4	10	-	60	12	-	-	6
BT30-SF04-80	BT30	4	10	-	80	12	-	-	6
BT30-SF05-60	BT30	5	10	-	60	15	-	-	6
BT30-SF05-80	BT30	5	10	-	80	15	-	-	6
BT30-SF06-80	BT30	6	21	27	80	36	M5×0.8	10	2
BT30-SF06-120	BT30	6	21	27	120	36	M5×0.8	10	2
BT30-SF08-80	BT30	8	21	27	80	36	M6×1	10	2
BT30-SF08-120	BT30	8	21	27	120	36	M6×1	10	2
BT30-SF10-80	BT30	10	24	32	80	42	M8×1	10	1
BT30-SF10-120	BT30	10	24	32	120	42	M8×1	10	1
BT30-SF12-80	BT30	12	24	32	80	47	M10×1	10	1
BT30-SF12-120	BT30	12	24	32	120	47	M10×1	10	1
BT30-SF14-80	BT30	14	27	34	80	47	M10×1	10	1
BT30-SF14-120	BT30	14	27	34	120	47	M10×1	10	1
BT30-SF16-80	BT30	16	27	34	80	50	M12×1	10	1
BT30-SF16-120	BT30	16	27	34	120	50	M12×1	10	1
BT30-SF18-90	BT30	18	33	40.5	90	50	M12×1	10	0.8
BT30-SF18-120	BT30	18	33	40.5	120	50	M12×1	10	1
BT30-SF20-90	BT30	20	33	40.5	90	52	M16×1	10	0.8
BT30-SF20-120	BT30	20	33	40.5	120	52	M16×1	10	1

✧ Accessories need to be ordered separately.

✧ Products 3, 4 and 5 are equipped with cross cooling grooves on the end face.

✧ Please contact our company if you need products of other models or specifications.

配件 ASSEMBLE PARTS	D										
	3	4	5	6	8	10	12	14	16	18	20
 螺钉 SCREW	-			M5×0.8-14	M6×1-14	M8×1-14	M10×1-14		M12×1-14		M16×1-14
附件 ACCESSORIES	D										
	3	4	5	6	8	10	12	14	16	18	20
 扳手 WRENCH	-			2.5	3	4	5		6		8

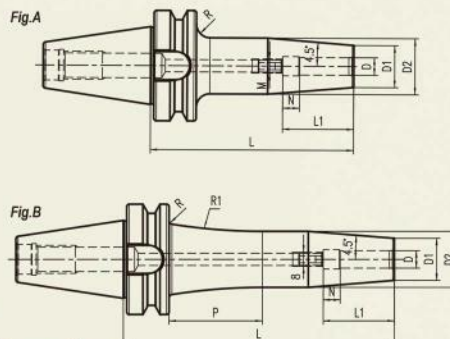
热缩刀柄/SHRINK FIT CHUCKS (4.5°) JIS B 6339 BT



FEATURES:

- Total runout: 0.003 (3×d)
- Made of special heat-resistant steel.
- Tool shank tolerance requirement: h6
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Standard dynamic balance: G2.5/2500rpm

✧ Suitable for 13KW power heat shrink fit machines.



型号 MODEL		尺寸SIZE (mm)										
JIS B 6339-AD		D	D1	D2	L	L1	M	N	P	R	R1	Fig
BT40-SF03-90	BT40	3	10	-	90	9	-	-	-	6	-	A
BT40-SF03-120	BT40	3	10	-	120	9	-	-	-	6	-	A
BT40-SF03-130	BT40	3	10	-	130	9	-	-	-	6	-	A
BT40-SF04-90	BT40	4	10	-	90	12	-	-	-	6	-	A
BT40-SF04-120	BT40	4	10	-	120	12	-	-	-	6	-	A
BT40-SF04-130	BT40	4	10	-	130	12	-	-	-	6	-	A
BT40-SF05-90	BT40	5	10	-	90	15	-	-	-	6	-	A
BT40-SF05-120	BT40	5	10	-	120	15	-	-	-	6	-	A
BT40-SF05-130	BT40	5	10	-	130	15	-	-	-	6	-	A
BT40-SF06-90	BT40	6	21	27	90	36	M5×0.8	10	-	2	-	A
BT40-SF06-120	BT40	6	21	27	120	36	M5×0.8	10	-	10.5	-	A
BT40-SF06-130	BT40	6	21	27	130	36	M5×0.8	10	-	10.5	-	A
BT40-SF06-160	BT40	6	21	27	160	36	M5×0.8	10	55	4	200	B
BT40-SF06-200	BT40	6	21	27	200	36	M5×0.8	10	55	4	200	B
BT40-SF08-90	BT40	8	21	27	90	36	M6×1	10	-	2	-	A
BT40-SF08-120	BT40	8	21	27	120	36	M6×1	10	-	10.5	-	A
BT40-SF08-130	BT40	8	21	27	130	36	M6×1	10	-	10.5	-	A
BT40-SF08-160	BT40	8	21	27	160	36	M6×1	10	55	4	200	B
BT40-SF08-200	BT40	8	21	27	200	36	M6×1	10	55	4	200	B
BT40-SF10-90	BT40	10	24	32	90	42	M8×1	10	-	2	-	A
BT40-SF10-120	BT40	10	24	32	120	42	M8×1	10	-	8	-	A
BT40-SF10-130	BT40	10	24	32	130	42	M8×1	10	-	8	-	A
BT40-SF10-160	BT40	10	24	32	160	42	M8×1	10	55	2	350	B
BT40-SF10-200	BT40	10	24	32	200	42	M8×1	10	55	2	350	B
BT40-SF12-90	BT40	12	24	32	90	47	M10×1	10	-	2	-	A
BT40-SF12-120	BT40	12	24	32	120	47	M10×1	10	-	8	-	A
BT40-SF12-130	BT40	12	24	32	130	47	M10×1	10	-	8	-	A
BT40-SF12-160	BT40	12	24	32	160	47	M10×1	10	55	2	350	B
BT40-SF12-200	BT40	12	24	32	200	47	M10×1	10	55	2	350	B

✧ Accessories need to be ordered separately.

✧ Products 3, 4 and 5 are equipped with cross cooling grooves on the end face.

✧ Please contact our company if you need products of other models or specifications.

配件 ASSEMBLE PARTS	D												
	3	4	5	6	8	10	12	14	16	18	20	25	32
 螺钉 SCREW	-			M5×0.8-14	M6×1-14	M8×1-14	M10×1-14		M12×1-14		M16×1-14		
附件 ACCESSORIES	D												
	3	4	5	6	8	10	12	14	16	18	20	25	32
 扳手 WRENCH	-			2.5	3	4	5		6		8		

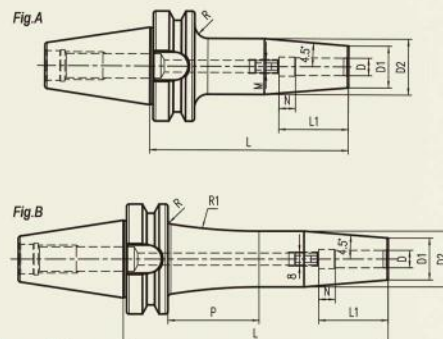
热缩刀柄/SHRINK FIT CHUCKS (4.5°) JIS B 6339 BT



FEATURES:

- Total runout: 0.003 (3×d)
- Made of special heat-resistant steel.
- Tool shank tolerance requirement: h6
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Standard dynamic balance: G2.5/25000rpm

✧ Suitable for 13KW power heat shrink fit machines.



型号 MODEL		尺寸SIZE (mm)										
JIS B 6339-AD		D	D1	D2	L	L1	M	N	P	R	R1	Fig
BT40-SF14-90	BT40	14	27	34	90	47	M10×1	10	-	2	-	A
BT40-SF14-120	BT40	14	27	34	120	47	M10×1	10	-	7	-	A
BT40-SF14-130	BT40	14	27	34	130	47	M10×1	10	-	7	-	A
BT40-SF14-160	BT40	14	27	34	160	47	M10×1	10	55	2	350	B
BT40-SF14-200	BT40	14	27	34	200	47	M10×1	10	55	2	350	B
BT40-SF16-90	BT40	16	27	34	90	50	M12×1	10	-	2	-	A
BT40-SF16-120	BT40	16	27	34	120	50	M12×1	10	-	7	-	A
BT40-SF16-130	BT40	16	27	34	130	50	M12×1	10	-	7	-	A
BT40-SF16-160	BT40	16	27	34	160	50	M12×1	10	55	2	350	B
BT40-SF16-200	BT40	16	27	34	200	50	M12×1	10	55	2	350	B
BT40-SF18-90	BT40	18	33	42	90	50	M12×1	10	-	1	-	A
BT40-SF18-120	BT40	18	33	42	120	50	M12×1	10	-	3	-	A
BT40-SF18-130	BT40	18	33	42	130	50	M12×1	10	-	3	-	A
BT40-SF18-160	BT40	18	33	42	160	50	M12×1	10	-	3	-	A
BT40-SF18-200	BT40	18	33	42	200	50	M12×1	10	-	3	-	A
BT40-SF20-90	BT40	20	33	42	90	52	M16×1	10	-	1	-	A
BT40-SF20-120	BT40	20	33	42	120	52	M16×1	10	-	3	-	A
BT40-SF20-130	BT40	20	33	42	130	52	M16×1	10	-	3	-	A
BT40-SF20-160	BT40	20	33	42	160	52	M16×1	10	-	3	-	A
BT40-SF20-200	BT40	20	33	42	200	52	M16×1	10	-	3	-	A
BT40-SF25-100	BT40	25	44	53	100	58	M16×1	10	-	1	-	A
BT40-SF25-120	BT40	25	44	53	120	58	M16×1	10	-	1	-	A
BT40-SF25-130	BT40	25	44	53	130	58	M16×1	10	-	1	-	A
BT40-SF25-160	BT40	25	44	53	160	58	M16×1	10	-	1	-	A
BT40-SF25-200	BT40	25	44	53	200	58	M16×1	10	-	1	-	A
BT40-SF32-100	BT40	32	44	53	100	58	M16×1	10	-	1	-	A
BT40-SF32-120	BT40	32	44	53	120	58	M16×1	10	-	1	-	A

✧ Accessories need to be ordered separately.

✧ Products 3, 4 and 5 are equipped with cross cooling grooves on the end face.

✧ Please contact our company if you need products of other models or specifications.

配件 ASSEMBLE PARTS	D												
	3	4	5	6	8	10	12	14	16	18	20	25	32
螺钉 SCREW	-	-	-	M5×0.8-14	M6×1-14	M8×1-14	M10×1-14	-	M12×1-14	-	-	M16×1-14	-
附件 ACCESSORIES	D												
	3	4	5	6	8	10	12	14	16	18	20	25	32
扳手 WRENCH	-	-	-	2.5	3	4	5	-	6	-	-	8	-

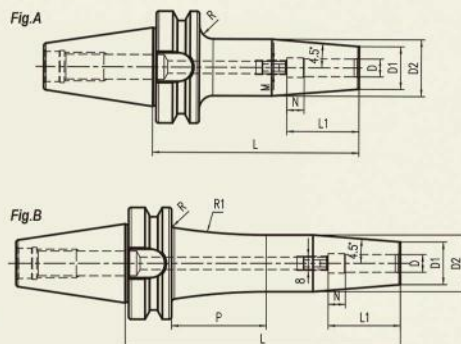
热缩刀柄/SHRINK FIT CHUCKS (4.5°) JIS B 6339 BT



FEATURES:

- Total runout: 0.003 (3×d)
- Made of special heat-resistant steel.
- Tool shank tolerance requirement: h6
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Standard dynamic balance: G2.5/25000rpm

✧ Suitable for 13KW power heat shrink fit machines.



型号 MODEL		尺寸SIZE (mm)										
JIS B 6339-AD		D	D1	D2	L	L1	M	N	P	R	R1	Fig
BT50-SF06-100	BT50	6	21	27	100	36	M5×0.8	10	-	2	-	A
BT50-SF06-120	BT50	6	21	27	120	36	M5×0.8	10	-	12	-	A
BT50-SF06-130	BT50	6	21	27	130	36	M5×0.8	10	-	12	-	A
BT50-SF06-160	BT50	6	21	27	160	36	M5×0.8	10	70	12	250	B
BT50-SF06-200	BT50	6	21	27	200	36	M5×0.8	10	70	12	250	B
BT50-SF08-100	BT50	8	21	27	100	36	M6×1	10	-	2	-	A
BT50-SF08-120	BT50	8	21	27	120	36	M6×1	10	-	12	-	A
BT50-SF08-130	BT50	8	21	27	130	36	M6×1	10	-	12	-	A
BT50-SF08-160	BT50	8	21	27	160	36	M6×1	10	70	12	250	B
BT50-SF08-200	BT50	8	21	27	200	36	M6×1	10	70	12	250	B
BT50-SF10-100	BT50	10	24	32	100	42	M8×1	10	-	2	-	A
BT50-SF10-120	BT50	10	24	32	120	42	M8×1	10	-	12	-	A
BT50-SF10-130	BT50	10	24	32	130	42	M8×1	10	-	12	-	A
BT50-SF10-160	BT50	10	24	32	160	42	M8×1	10	55	15	250	B
BT50-SF10-200	BT50	10	24	32	200	42	M8×1	10	55	15	250	B
BT50-SF12-100	BT50	12	24	32	100	47	M10×1	10	-	2	-	A
BT50-SF12-120	BT50	12	24	32	120	47	M10×1	10	-	12	-	A
BT50-SF12-130	BT50	12	24	32	130	47	M10×1	10	-	12	-	A
BT50-SF12-160	BT50	12	24	32	160	47	M10×1	10	55	15	250	B
BT50-SF12-200	BT50	12	24	32	200	47	M10×1	10	55	15	250	B
BT50-SF14-100	BT50	14	27	34	100	47	M10×1	10	-	2	-	A
BT50-SF14-120	BT50	14	27	34	120	47	M10×1	10	-	12	-	A
BT50-SF14-130	BT50	14	27	34	130	47	M10×1	10	-	12	-	A
BT50-SF14-160	BT50	14	27	34	160	47	M10×1	10	55	15	250	B
BT50-SF14-200	BT50	14	27	34	200	47	M10×1	10	55	15	250	B
BT50-SF16-100	BT50	16	27	34	100	50	M12×1	10	-	2	-	A
BT50-SF16-120	BT50	16	27	34	120	50	M12×1	10	-	12	-	A
BT50-SF16-130	BT50	16	27	34	130	50	M12×1	10	-	12	-	A
BT50-SF16-160	BT50	16	27	34	160	50	M12×1	10	55	15	250	B
BT50-SF16-200	BT50	16	27	34	200	50	M12×1	10	55	15	250	B

✧ Accessories need to be ordered separately.

✧ Products 3, 4 and 5 are equipped with cross cooling grooves on the end face.

✧ Please contact our company if you need products of other models or specifications.

配件 ASSEMBLE PARTS		D									
		6	8	10	12	14	16	18	20	25	32
 螺钉 SCREW	M5×0.8-14	M6×1-14	M8×1-14	M10×1-14		M12×1-14		M16×1-14			
附件 ACCESSORIES		D									
		6	8	10	12	14	16	18	20	25	32
 扳手 WRENCH	2.5	3	4	5		6		8			

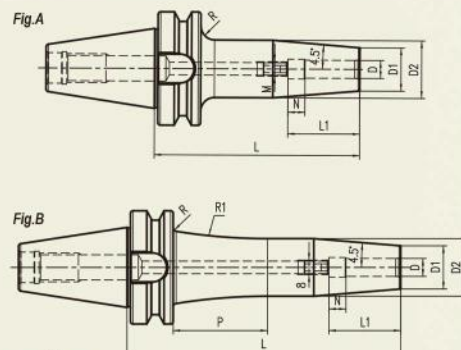
热缩刀柄/SHRINK FIT CHUCKS (4.5°) JIS B 6339 BT



FEATURES:

- Total runout: 0.003 (3×d)
- Made of special heat-resistant steel.
- Tool shank tolerance requirement: h6
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Standard dynamic balance: G2.5/25000rpm

✧ Suitable for 13KW power heat shrink fit machines.



型号 MODEL		尺寸SIZE (mm)										
JIS B 6339-AD		D	D1	D2	L	L1	M	N	P	R	R1	Fig
BT50-SF18-100	BT50	18	33	42	100	50	M12×1	10	-	1	-	A
BT50-SF18-120	BT50	18	33	42	120	50	M12×1	10	-	12	-	A
BT50-SF18-130	BT50	18	33	42	130	50	M12×1	10	-	12	-	A
BT50-SF18-160	BT50	18	33	42	160	50	M12×1	10	55	12	250	B
BT50-SF18-200	BT50	18	33	42	200	50	M12×1	10	55	12	250	B
BT50-SF20-100	BT50	20	33	42	100	52	M16×1	10	-	1	-	A
BT50-SF20-120	BT50	20	33	42	120	52	M16×1	10	-	12	-	A
BT50-SF20-130	BT50	20	33	42	130	52	M16×1	10	-	12	-	A
BT50-SF20-160	BT50	20	33	42	160	52	M16×1	10	55	12	250	B
BT50-SF20-200	BT50	20	33	42	200	52	M16×1	10	55	12	250	B
BT50-SF25-100	BT50	25	44	53	100	58	M16×1	10	-	1	-	A
BT50-SF25-120	BT50	25	44	53	120	58	M16×1	10	-	12	-	A
BT50-SF25-130	BT50	25	44	53	130	58	M16×1	10	-	12	-	A
BT50-SF25-160	BT50	25	44	53	160	58	M16×1	10	55	8	300	B
BT50-SF25-200	BT50	25	44	53	200	58	M16×1	10	55	8	300	B
BT50-SF32-100	BT50	32	44	53	100	58	M16×1	10	-	1	-	A
BT50-SF32-120	BT50	32	44	53	120	58	M16×1	10	-	12	-	A
BT50-SF32-130	BT50	32	44	53	130	58	M16×1	10	-	12	-	A
BT50-SF32-160	BT50	32	44	53	160	58	M16×1	10	55	8	300	B
BT50-SF32-200	BT50	32	44	53	200	58	M16×1	10	55	8	300	B

✧ Accessories need to be ordered separately.

✧ Products 3, 4 and 5 are equipped with cross cooling grooves on the end face.

✧ Please contact our company if you need products of other models or specifications.

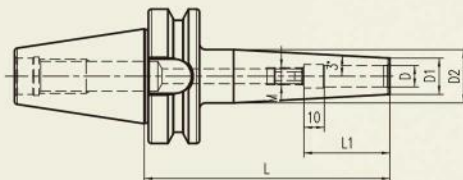
配件 ASSEMBLE PARTS	D									
	6	8	10	12	14	16	18	20	25	32
 螺钉 SCREW	M5×0.8-14	M6×1-14	M8×1-14	M10×1-14		M12×1-14		M16×1-14		
附件 ACCESSORIES	D									
	6	8	10	12	14	16	18	20	25	32
 扳手 WRENCH	2.5	3	4	5		6		8		

热缩刀柄/SHRINK FIT CHUCKS (3°) JIS B 6339 BT



FEATURES:

- Total runout: 0.003 (3×d)
- Made of special heat-resistant steel.
- Tool shank tolerance requirement: h6
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Standard dynamic balance: G2.5/25000rpm



✧ Suitable for 13KW power heat shrink fit machines.

型号 MODEL		尺寸SIZE (mm)					
JIS B 6339-AD		D	D1	D2	L	L1	M
BT30-SFS04-80	BT30	4	10	16	80	12	—
BT30-SFS06-80	BT30	6	12	18	80	36	M5×0.8
BT30-SFS08-80	BT30	8	14	20	80	36	M6×1
BT30-SFS10-80	BT30	10	16	22	80	42	M8×1
BT30-SFS12-80	BT30	12	18	24	80	47	M10×1
BT40-SFS04-90	BT40	4	10	16	90	12	—
BT40-SFS04-120	BT40	4	10	19	120	12	—
BT40-SFS04-160	BT40	4	10	22	160	12	—
BT40-SFS06-90	BT40	6	12	18	90	36	M5×0.8
BT40-SFS06-120	BT40	6	12	21	120	36	M5×0.8
BT40-SFS06-160	BT40	6	12	24	160	36	M5×0.8
BT40-SFS08-90	BT40	8	14	20	90	36	M6×1
BT40-SFS08-120	BT40	8	14	23	120	36	M6×1
BT40-SFS08-160	BT40	8	14	26	160	36	M6×1
BT40-SFS10-90	BT40	10	16	22	90	42	M8×1
BT40-SFS10-120	BT40	10	16	25	120	42	M8×1
BT40-SFS10-160	BT40	10	16	28	160	42	M8×1
BT40-SFS12-90	BT40	12	18	24	90	47	M10×1
BT40-SFS12-120	BT40	12	18	27	120	47	M10×1
BT40-SFS12-160	BT40	12	18	30	160	47	M10×1

✧ Accessories need to be ordered separately.

✧ Products 3, 4 and 5 are equipped with cross cooling grooves on the end face.

✧ Please contact our company if you need products of other models or specifications.

配件 ASSEMBLE PARTS	D				
	4	6	8	10	12
螺钉 SCREW	—	M5×0.8-14	M6×1-14	M8×1-14	M10×1-14
附件 ACCESSORIES	D				
	4	6	8	10	12
扳手 WRENCH	—	2.5	3	4	5

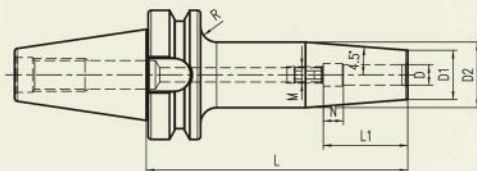
热缩刀柄/SHRINK FIT CHUCKS (4.5°) JIS B 6339 BBT



FEATURES:

- Total runout: 0.003 (3×d)
- Made of special heat-resistant steel.
- Tool shank tolerance requirement: h6
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Standard dynamic balance: G2.5/25000rpm

✧ Suitable for 13KW power heat shrink fit machines.



型号 MODEL		尺寸SIZE (mm)							
JIS B 6339-AD		D	D1	D2	L	L1	M	N	R
BBT30-SF03-60	BBT30	3	10	-	60	9	-	-	6
BBT30-SF03-80	BBT30	3	10	-	80	9	-	-	6
BBT30-SF04-60	BBT30	4	10	-	60	12	-	-	6
BBT30-SF04-80	BBT30	4	10	-	80	12	-	-	6
BBT30-SF05-60	BBT30	5	10	-	60	15	-	-	6
BBT30-SF05-80	BBT30	5	10	-	80	15	-	-	6
BBT30-SF06-80	BBT30	6	21	27	80	36	M5×0.8	10	2
BBT30-SF06-120	BBT30	6	21	27	120	36	M5×0.8	10	2
BBT30-SF08-80	BBT30	8	21	27	80	36	M6×1	10	2
BBT30-SF08-120	BBT30	8	21	27	120	36	M6×1	10	2
BBT30-SF10-80	BBT30	10	24	32	80	42	M8×1	10	1
BBT30-SF10-120	BBT30	10	24	32	120	42	M8×1	10	1
BBT30-SF12-80	BBT30	12	24	32	80	47	M10×1	10	1
BBT30-SF12-120	BBT30	12	24	32	120	47	M10×1	10	1
BBT30-SF14-80	BBT30	14	27	34	80	47	M10×1	10	1
BBT30-SF14-120	BBT30	14	27	34	120	47	M10×1	10	1
BBT30-SF16-80	BBT30	16	27	34	80	50	M12×1	10	1
BBT30-SF16-120	BBT30	16	27	34	120	50	M12×1	10	1
BBT30-SF18-90	BBT30	18	33	40.5	90	50	M12×1	10	0.8
BBT30-SF18-120	BBT30	18	33	40.5	120	50	M12×1	10	0.8
BBT30-SF20-90	BBT30	20	33	40.5	90	52	M16×1	10	0.8
BBT30-SF20-120	BBT30	20	33	40.5	120	52	M16×1	10	0.8

✧ Accessories need to be ordered separately.

✧ Products 3, 4 and 5 are equipped with cross cooling grooves on the end face.

✧ Please contact our company if you need products of other models or specifications.

配件 ASSEMBLE PARTS	D										
	3	4	5	6	8	10	12	14	16	18	20
螺钉 SCREW	-	-	-	M5×0.8-14	M6×1-14	M8×1-14	M10×1-14	-	M12×1-14	-	M16×1-14
附件 ACCESSORIES	D										
	3	4	5	6	8	10	12	14	16	18	20
扳手 WRENCH	-	-	-	2.5	3	4	5	-	6	-	8

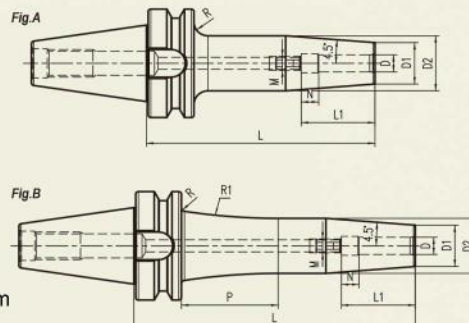
热缩刀柄/SHRINK FIT CHUCKS (4.5°) JIS B 6339 BBT



FEATURES:

- Total runout: 0.003 (3×d)
- Made of special heat-resistant steel.
- Tool shank tolerance requirement: h6
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Standard dynamic balance: G2.5/25000rpm

✧ Suitable for 13KW power heat shrink fit machines.



型号 MODEL		尺寸SIZE (mm)										
JIS B 6339-AD		D	D1	D2	L	L1	M	N	P	R	R1	Fig
BBT40-SF03-90	BBT40	3	10	-	90	9	-	-	-	6	-	A
BBT40-SF04-90	BBT40	4	10	-	90	12	-	-	-	6	-	A
BBT40-SF05-90	BBT40	5	10	-	90	15	-	-	-	6	-	A
BBT40-SF06-90	BBT40	6	21	27	90	36	M5×0.8	10	-	2	-	A
BBT40-SF06-130	BBT40	6	21	27	130	36	M5×0.8	10	-	10.5	-	A
BBT40-SF06-160	BBT40	6	21	27	160	36	M5×0.8	10	55	4	200	B
BBT40-SF08-90	BBT40	8	21	27	90	36	M6×1	10	-	2	-	A
BBT40-SF08-130	BBT40	8	21	27	130	36	M6×1	10	-	10.5	-	A
BBT40-SF08-160	BBT40	8	21	27	160	36	M6×1	10	55	4	200	B
BBT40-SF10-90	BBT40	10	24	32	90	42	M8×1	10	-	2	-	A
BBT40-SF10-130	BBT40	10	24	32	130	42	M8×1	10	-	8	-	A
BBT40-SF10-160	BBT40	10	24	32	160	42	M8×1	10	55	2	350	B
BBT40-SF12-90	BBT40	12	24	32	90	47	M10×1	10	-	2	-	A
BBT40-SF12-130	BBT40	12	24	32	130	47	M10×1	10	-	8	-	A
BBT40-SF12-160	BBT40	12	24	32	160	47	M10×1	10	55	2	350	B
BBT40-SF14-90	BBT40	14	27	34	90	47	M10×1	10	-	2	-	A
BBT40-SF14-130	BBT40	14	27	34	130	47	M10×1	10	-	7	-	A
BBT40-SF14-160	BBT40	14	27	34	160	47	M10×1	10	55	2	350	B
BBT40-SF16-90	BBT40	16	27	34	90	50	M12×1	10	-	2	-	A
BBT40-SF16-130	BBT40	16	27	34	130	50	M12×1	10	-	7	-	A
BBT40-SF16-160	BBT40	16	27	34	160	50	M12×1	10	55	2	350	B
BBT40-SF18-90	BBT40	18	33	42	90	50	M12×1	10	-	1	-	A
BBT40-SF18-130	BBT40	18	33	42	130	50	M12×1	10	-	3	-	A
BBT40-SF18-160	BBT40	18	33	42	160	50	M12×1	10	-	3	-	A
BBT40-SF20-90	BBT40	20	33	42	90	52	M16×1	10	-	1	-	A
BBT40-SF20-130	BBT40	20	33	42	130	52	M16×1	10	-	3	-	A
BBT40-SF20-160	BBT40	20	33	42	160	52	M16×1	10	-	3	-	A
BBT40-SF25-100	BBT40	25	44	53	100	58	M16×1	10	-	1	-	A
BBT40-SF25-130	BBT40	25	44	53	130	58	M16×1	10	-	1	-	A
BBT40-SF25-160	BBT40	25	44	53	160	58	M16×1	10	-	1	-	A
BBT40-SF32-100	BBT40	32	44	53	100	58	M16×1	10	-	1	-	A

✧ Accessories need to be ordered separately.

✧ Products 3, 4 and 5 are equipped with cross cooling grooves on the end face.

✧ Please contact our company if you need products of other models or specifications.

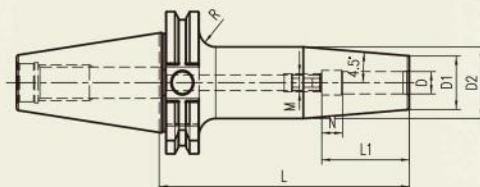
配件 ASSEMBLE PARTS	D												
	3	4	5	6	8	10	12	14	16	18	20	25	32
 螺钉 SCREW	-			M5×0.8-14	M6×1-14	M8×1-14	M10×1-14		M12×1-14		M16×1-14		
附件 ACCESSORIES	D												
	3	4	5	6	8	10	12	14	16	18	20	25	32
 扳手 WRENCH	-			2.5	3	4	5		6		8		

热缩刀柄/SHRINK FIT CHUCKS (4.5°) DIN 69871 SK



FEATURES:

- Total runout: 0.003 (3×d)
- Made of special heat-resistant steel.
- Tool shank tolerance requirement: h6
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Standard dynamic balance: G2.5/25000rpm



✧ Suitable for 13KW power heat shrink fit machines.

型号 MODEL DIN 69871		尺寸SIZE (mm)							
		D	D1	D2	L	L1	M	N	R
SK30-SF03-60	SK30	3	10	-	60	9	-	-	6
SK30-SF03-80	SK30	3	10	-	80	9	-	-	6
SK30-SF04-60	SK30	4	10	-	60	12	-	-	6
SK30-SF04-80	SK30	4	10	-	80	12	-	-	6
SK30-SF05-60	SK30	5	10	-	60	15	-	-	6
SK30-SF05-80	SK30	5	10	-	80	15	-	-	6
SK30-SF06-60	SK30	6	23	-	60	36	M5×0.8	10	2
SK30-SF06-80	SK30	6	21	27	80	36	M5×0.8	10	2
SK30-SF08-60	SK30	8	23	-	60	36	M6×1	10	2
SK30-SF08-80	SK30	8	21	27	80	36	M6×1	10	2
SK30-SF10-60	SK30	10	27	-	60	42	M8×1	10	1
SK30-SF10-80	SK30	10	24	32	80	42	M8×1	10	2
SK30-SF12-60	SK30	12	27	-	60	47	M10×1	10	1
SK30-SF12-80	SK30	12	24	32	80	47	M10×1	10	2
SK30-SF16-65	SK30	16	30	-	65	50	M12×1	10	1
SK30-SF16-80	SK30	16	27	34	80	50	M12×1	10	2
SK30-SF20-70	SK30	20	35.5	40.5	70	52	M16×1	10	0.8
SK30-SF20-80	SK30	20	33	40.5	80	52	M16×1	10	1

✧ Accessories need to be ordered separately.

✧ Products 3, 4 and 5 are equipped with cross cooling grooves on the end face.

✧ Please contact our company if you need products of other models or specifications.

配件 ASSEMBLE PARTS	D								
	3	4	5	6	8	10	12	16	20
 螺钉 SCREW	-			M5×0.8-14	M6×1-14	M8×1-14	M10×1-14	M12×1-14	M16×1-14
附件 ACCESSORIES	D								
	3	4	5	6	8	10	12	16	20
 扳手 WRENCH	-			2.5	3	4	5	6	8

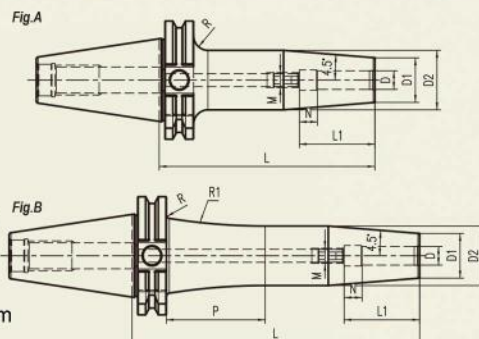
热缩刀柄/SHRINK FIT CHUCKS (4.5°) DIN 69871 SK



FEATURES:

- Total runout: 0.003 (3×d)
- Made of special heat-resistant steel.
- Tool shank tolerance requirement: h6
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Standard dynamic balance: G2.5/25000rpm

✧ Suitable for 13KW power heat shrink fit machines.



型号 MODEL		尺寸SIZE (mm)										
DIN 69871		D	D1	D2	L	L1	M	N	P	R	R1	Fig
SK40-SF03-80	SK40	3	10	-	80	9	-	-	-	8	-	A
SK40-SF03-120	SK40	3	10	-	120	9	-	-	-	8	-	A
SK40-SF03-130	SK40	3	10	-	130	9	-	-	-	8	-	A
SK40-SF04-80	SK40	4	10	-	80	12	-	-	-	8	-	A
SK40-SF04-120	SK40	4	10	-	120	12	-	-	-	8	-	A
SK40-SF04-130	SK40	4	10	-	130	12	-	-	-	8	-	A
SK40-SF05-80	SK40	5	10	-	80	15	-	-	-	8	-	A
SK40-SF05-120	SK40	5	10	-	120	15	-	-	-	8	-	A
SK40-SF05-130	SK40	5	10	-	130	15	-	-	-	8	-	A
SK40-SF06-80	SK40	6	21	27	80	36	M5×0.8	10	-	2	-	A
SK40-SF06-120	SK40	6	21	27	120	36	M5×0.8	10	-	10.5	-	A
SK40-SF06-130	SK40	6	21	27	130	36	M5×0.8	10	-	10.5	-	A
SK40-SF06-160	SK40	6	21	27	160	36	M5×0.8	10	55	4	200	B
SK40-SF06-200	SK40	6	21	27	200	36	M5×0.8	10	55	4	200	B
SK40-SF08-80	SK40	8	21	27	80	36	M6×1	10	-	2	-	A
SK40-SF08-120	SK40	8	21	27	120	36	M6×1	10	-	10.5	-	A
SK40-SF08-130	SK40	8	21	27	130	36	M6×1	10	-	10.5	-	A
SK40-SF08-160	SK40	8	21	27	160	36	M6×1	10	55	4	200	B
SK40-SF08-200	SK40	8	21	27	200	36	M6×1	10	55	4	200	B
SK40-SF10-80	SK40	10	24	32	80	42	M8×1	10	-	2	-	A
SK40-SF10-120	SK40	10	24	32	120	42	M8×1	10	-	8	-	A
SK40-SF10-130	SK40	10	24	32	130	42	M8×1	10	-	8	-	A
SK40-SF10-160	SK40	10	24	32	160	42	M8×1	10	55	2	350	B
SK40-SF10-200	SK40	10	24	32	200	42	M8×1	10	55	2	350	B
SK40-SF12-80	SK40	12	24	32	80	47	M10×1	10	-	2	-	A
SK40-SF12-120	SK40	12	24	32	120	47	M10×1	10	-	8	-	A
SK40-SF12-130	SK40	12	24	32	130	47	M10×1	10	-	8	-	A
SK40-SF12-160	SK40	12	24	32	160	47	M10×1	10	55	2	350	B
SK40-SF12-200	SK40	12	24	32	200	47	M10×1	10	55	2	350	B

✧ Accessories need to be ordered separately.

✧ Products 3, 4 and 5 are equipped with cross cooling grooves on the end face.

✧ Please contact our company if you need products of other models or specifications.

配件 ASSEMBLE PARTS	D												
	3	4	5	6	8	10	12	14	16	18	20	25	32
 螺钉 SCREW	-			M5×0.8-14	M6×1-14	M8×1-14	M10×1-14		M12×1-14		M16×1-14		
附件 ACCESSORIES	D												
	3	4	5	6	8	10	12	14	16	18	20	25	32
 扳手 WRENCH	-			2.5	3	4	5		6		8		

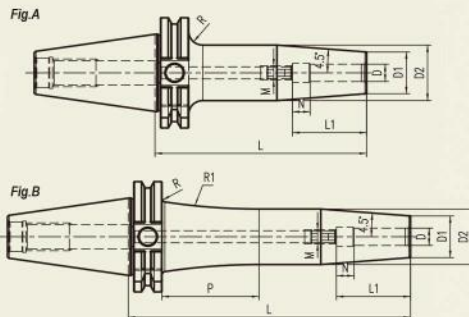
热缩刀柄/SHRINK FIT CHUCKS (4.5°) DIN 69871 SK



FEATURES:

- Total runout: 0.003 (3×d)
- Made of special heat-resistant steel.
- Tool shank tolerance requirement: h6
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Standard dynamic balance: G2.5/25000rpm

✧ Suitable for 13KW power heat shrink fit machines.



型号 MODEL DIN 69871		尺寸SIZE (mm)										
		D	D1	D2	L	L1	M	N	P	R	R1	Fig
SK40-SF14-80	SK40	14	27	34	80	47	M10×1	10	-	2	-	A
SK40-SF14-120	SK40	14	27	34	120	47	M10×1	10	-	7	-	A
SK40-SF14-130	SK40	14	27	34	130	47	M10×1	10	-	7	-	A
SK40-SF14-160	SK40	14	27	34	160	47	M10×1	10	55	2	350	B
SK40-SF14-200	SK40	14	27	34	200	47	M10×1	10	55	2	350	B
SK40-SF16-80	SK40	16	27	34	80	50	M12×1	10	-	2	-	A
SK40-SF16-120	SK40	16	27	34	120	50	M12×1	10	-	7	-	A
SK40-SF16-130	SK40	16	27	34	130	50	M12×1	10	-	7	-	A
SK40-SF16-160	SK40	16	27	34	160	50	M12×1	10	55	2	350	B
SK40-SF16-200	SK40	16	27	34	200	50	M12×1	10	55	2	350	B
SK40-SF18-80	SK40	18	33	42	80	50	M12×1	10	-	1	-	A
SK40-SF18-120	SK40	18	33	42	120	50	M12×1	10	-	3	-	A
SK40-SF18-130	SK40	18	33	42	130	50	M12×1	10	-	3	-	A
SK40-SF18-160	SK40	18	33	42	160	50	M12×1	10	-	3	-	A
SK40-SF18-200	SK40	18	33	42	200	50	M12×1	10	-	3	-	A
SK40-SF20-80	SK40	20	33	42	80	52	M16×1	10	-	1	-	A
SK40-SF20-120	SK40	20	33	42	120	52	M16×1	10	-	3	-	A
SK40-SF20-130	SK40	20	33	42	130	52	M16×1	10	-	3	-	A
SK40-SF20-160	SK40	20	33	42	160	52	M16×1	10	-	3	-	A
SK40-SF20-200	SK40	20	33	42	200	52	M16×1	10	-	3	-	A
SK40-SF25-100	SK40	25	44	53	100	58	M16×1	10	-	1	-	A
SK40-SF25-120	SK40	25	44	53	120	58	M16×1	10	-	1	-	A
SK40-SF25-130	SK40	25	44	53	130	58	M16×1	10	-	1	-	A
SK40-SF25-160	SK40	25	44	53	160	58	M16×1	10	-	1	-	A
SK40-SF25-200	SK40	25	44	53	200	58	M16×1	10	-	1	-	A
SK40-SF32-100	SK40	32	44	53	100	58	M16×1	10	-	1	-	A
SK40-SF32-120	SK40	32	44	53	120	58	M16×1	10	-	1	-	A
SK40-SF32-130	SK40	32	44	53	130	58	M16×1	10	-	1	-	A

✧ Accessories need to be ordered separately.

✧ Products 3, 4 and 5 are equipped with cross cooling grooves on the end face.

✧ Please contact our company if you need products of other models or specifications.

配件 ASSEMBLE PARTS	D												
	3	4	5	6	8	10	12	14	16	18	20	25	32
螺钉 SCREW	-	-	-	M5×0.8-14	M6×1-14	M8×1-14	M10×1-14	M12×1-14	M16×1-14	M16×1-14	M16×1-14	M16×1-14	M16×1-14
附件 ACCESSORIES	D												
	3	4	5	6	8	10	12	14	16	18	20	25	32
扳手 WRENCH	-	-	-	2.5	3	4	5	6	6	6	6	8	8

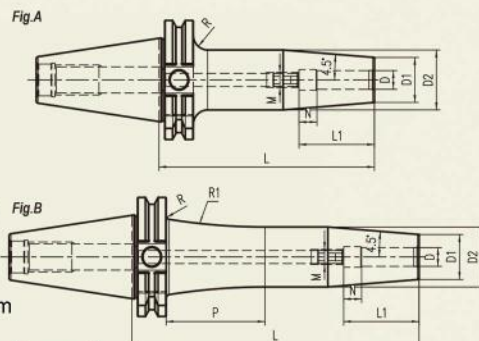
热缩刀柄/SHRINK FIT CHUCKS (4.5°) DIN 69871 SK



FEATURES:

- Total runout: 0.003 (3×d)
- Made of special heat-resistant steel.
- Tool shank tolerance requirement: h6
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Standard dynamic balance: G2.5/2500rpm

✧ Suitable for 13KW power heat shrink fit machines.



型号 MODEL DIN 69871		尺寸SIZE (mm)										
		D	D1	D2	L	L1	M	N	P	R	R1	Fig
SK50-SF06-80	SK50	6	21	27	80	36	M5×0.8	10	-	2	-	A
SK50-SF06-120	SK50	6	21	27	120	36	M5×0.8	10	-	12	-	A
SK50-SF06-130	SK50	6	21	27	130	36	M5×0.8	10	-	12	-	A
SK50-SF06-160	SK50	6	21	27	160	36	M5×0.8	10	70	12	250	B
SK50-SF06-200	SK50	6	21	27	200	36	M5×0.8	10	70	12	250	B
SK50-SF08-80	SK50	8	21	27	80	36	M6×1	10	-	2	-	A
SK50-SF08-120	SK50	8	21	27	120	36	M6×1	10	-	12	-	A
SK50-SF08-130	SK50	8	21	27	130	36	M6×1	10	-	10.5	-	A
SK50-SF08-160	SK50	8	21	27	160	36	M6×1	10	70	12	250	B
SK50-SF08-200	SK50	8	21	27	200	36	M6×1	10	70	12	250	B
SK50-SF10-80	SK50	10	24	32	80	42	M8×1	10	-	2	-	A
SK50-SF10-120	SK50	10	24	32	120	42	M8×1	10	-	12	-	A
SK50-SF10-130	SK50	10	24	32	130	42	M8×1	10	-	12	-	A
SK50-SF10-160	SK50	10	24	32	160	42	M8×1	10	70	12	250	B
SK50-SF10-200	SK50	10	24	32	200	42	M8×1	10	70	12	250	B
SK50-SF12-80	SK50	12	24	32	80	47	M10×1	10	-	2	-	A
SK50-SF12-120	SK50	12	24	32	120	47	M10×1	10	-	12	-	A
SK50-SF12-130	SK50	12	24	32	130	47	M10×1	10	-	8	-	A
SK50-SF12-160	SK50	12	24	32	160	47	M10×1	10	70	12	250	B
SK50-SF12-200	SK50	12	24	32	200	47	M10×1	10	70	12	250	B
SK50-SF14-80	SK50	14	27	34	80	47	M10×1	10	-	2	-	A
SK50-SF14-120	SK50	14	27	34	120	47	M10×1	10	-	12	-	A
SK50-SF14-130	SK50	14	27	34	130	47	M10×1	10	-	12	-	A
SK50-SF14-160	SK50	14	27	34	160	47	M10×1	10	70	12	250	B
SK50-SF14-200	SK50	14	27	34	200	47	M10×1	10	70	12	250	B
SK50-SF16-80	SK50	16	27	34	80	50	M12×1	10	-	2	-	A
SK50-SF16-120	SK50	16	27	34	120	50	M12×1	10	-	12	-	A
SK50-SF16-130	SK50	16	27	34	130	50	M12×1	10	-	12	-	A
SK50-SF16-160	SK50	16	27	34	160	50	M12×1	10	70	12	250	B
SK50-SF16-200	SK50	16	27	34	200	50	M12×1	10	70	12	250	B

✧ Accessories need to be ordered separately.

✧ Products 3, 4 and 5 are equipped with cross cooling grooves on the end face.

✧ Please contact our company if you need products of other models or specifications.

配件 ASSEMBLE PARTS		D									
		6	8	10	12	14	16	18	20	25	32
 螺钉 SCREW	M5×0.8-14	M6×1-14	M8×1-14	M10×1-14		M12×1-14		M16×1-14			
附件 ACCESSORIES		D									
		6	8	10	12	14	16	18	20	25	32
 扳手 WRENCH	2.5	3	4	5		6		8			

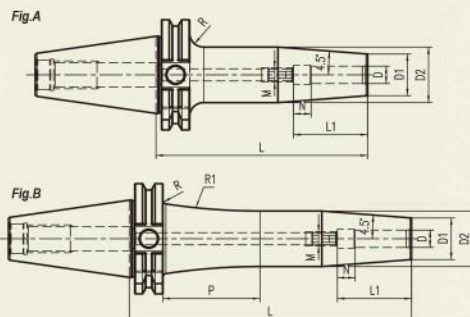
热缩刀柄/SHRINK FIT CHUCKS (4.5°) DIN 69871 SK



FEATURES:

- Total runout: 0.003 (3×d)
- Made of special heat-resistant steel.
- Tool shank tolerance requirement: h6
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Standard dynamic balance: G2.5/25000rpm

✧ Suitable for 13KW power heat shrink fit machines.



型号 MODEL		尺寸SIZE (mm)										
DIN 69871		D	D1	D2	L	L1	M	N	P	R	R1	Fig
SK50-SF18-80	SK50	18	33	42	80	50	M12×1	10	-	1	-	A
SK50-SF18-120	SK50	18	33	42	120	50	M12×1	10	-	12	-	A
SK50-SF18-130	SK50	18	33	42	130	50	M12×1	10	-	12	-	A
SK50-SF18-160	SK50	18	33	42	160	50	M12×1	10	55	12	300	B
SK50-SF18-200	SK50	18	33	42	200	50	M12×1	10	55	12	300	B
SK50-SF20-80	SK50	20	33	42	80	52	M16×1	10	-	1	-	A
SK50-SF20-120	SK50	20	33	42	120	52	M16×1	10	-	12	-	A
SK50-SF20-130	SK50	20	33	42	130	52	M16×1	10	-	12	-	A
SK50-SF20-160	SK50	20	33	42	160	52	M16×1	10	55	12	300	B
SK50-SF20-200	SK50	20	33	42	200	52	M16×1	10	55	12	300	B
SK50-SF25-100	SK50	25	44	53	100	58	M16×1	10	-	2	-	A
SK50-SF25-120	SK50	25	44	53	120	58	M16×1	10	-	12	-	A
SK50-SF25-130	SK50	25	44	53	130	58	M16×1	10	-	12	-	A
SK50-SF25-160	SK50	25	44	53	160	58	M16×1	10	55	8	300	B
SK50-SF25-200	SK50	25	44	53	200	58	M16×1	10	55	8	300	B
SK50-SF32-100	SK50	32	44	53	100	58	M16×1	10	-	2	-	A
SK50-SF32-120	SK50	32	44	53	120	58	M16×1	10	-	12	-	A
SK50-SF32-130	SK50	32	44	53	130	58	M16×1	10	-	12	-	A
SK50-SF32-160	SK50	32	44	53	160	58	M16×1	10	55	8	300	B
SK50-SF32-200	SK50	32	44	53	200	58	M16×1	10	55	8	300	B

✧ Accessories need to be ordered separately.

✧ Products 3, 4 and 5 are equipped with cross cooling grooves on the end face.

✧ Please contact our company if you need products of other models or specifications.

配件 ASSEMBLE PARTS	D										
	6	8	10	12	14	16	18	20	25	32	
 螺钉 SCREW	M5×0.8-14	M6×1-14	M8×1-14	M10×1-14		M12×1-14		M16×1-14			
附件 ACCESSORIES	D										
	6	8	10	12	14	16	18	20	25	32	
 扳手 WRENCH	2.5	3	4	5		6		8			

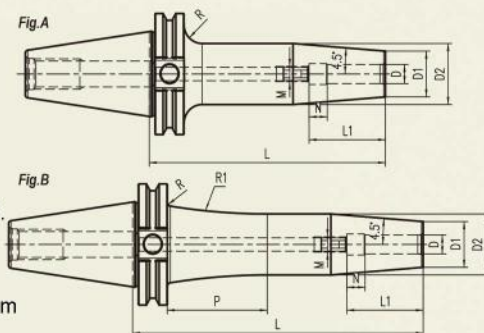
热缩刀柄/SHRINK FIT CHUCKS (4.5°) AMSE B5.50 CAT



FEATURES:

- Total runout: 0.003 (3×d)
- Made of special heat-resistant steel.
- Tool shank tolerance requirement: h6
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Standard dynamic balance: G2.5/2500rpm

✧ Suitable for 13KW power heat shrink fit machines.



型号 MODEL		尺寸SIZE (mm)										
AMSE B5.50 CAT		D	D1	D2	L	L1	M	N	P	R	R1	Fig
CAT40-SF03-80	CAT40	3	10	-	80	9	-	-	-	8	-	A
CAT40-SF04-80	CAT40	4	10	-	80	12	-	-	-	8	-	A
CAT40-SF05-80	CAT40	5	10	-	80	15	-	-	-	8	-	A
CAT40-SF06-80	CAT40	6	21	27	80	36	M5×0.8	10	-	5	-	A
CAT40-SF06-130	CAT40	6	21	27	130	36	M5×0.8	10	-	8.5	-	A
CAT40-SF06-160	CAT40	6	21	27	160	36	M5×0.8	10	55	5	350	B
CAT40-SF08-80	CAT40	8	21	27	80	36	M6×1	10	-	2	-	A
CAT40-SF08-130	CAT40	8	21	27	130	36	M6×1	10	-	8.5	-	A
CAT40-SF08-160	CAT40	8	21	27	160	36	M6×1	10	55	5	350	B
CAT40-SF10-80	CAT40	10	24	32	80	42	M8×1	10	-	2	-	A
CAT40-SF10-130	CAT40	10	24	32	130	42	M8×1	10	-	6	-	A
CAT40-SF10-160	CAT40	10	24	32	160	42	M8×1	10	55	2	350	B
CAT40-SF12-80	CAT40	12	24	32	80	47	M10×1	10	-	2	-	A
CAT40-SF12-130	CAT40	12	24	32	130	47	M10×1	10	-	6	-	A
CAT40-SF12-160	CAT40	12	24	32	160	47	M10×1	10	55	2	350	B
CAT40-SF14-80	CAT40	14	27	34	80	47	M10×1	10	-	2	-	A
CAT40-SF14-130	CAT40	14	27	34	130	47	M10×1	10	-	5	-	A
CAT40-SF14-160	CAT40	14	27	34	160	47	M10×1	10	55	1	350	B
CAT40-SF16-80	CAT40	16	27	34	80	50	M12×1	10	-	2	-	A
CAT40-SF16-130	CAT40	16	27	34	130	50	M12×1	10	-	5	-	A
CAT40-SF16-160	CAT40	16	27	34	160	50	M12×1	10	55	1	350	B
CAT40-SF20-80	CAT40	20	33	42	80	52	M16×1	10	-	1	-	A
CAT40-SF20-130	CAT40	20	33	42	130	52	M16×1	10	-	1	-	A
CAT40-SF20-160	CAT40	20	33	42	160	52	M16×1	10	-	1	-	A
CAT40-SF25-80	CAT40	25	44	53	80	58	M16×1	10	-	1	-	A
CAT40-SF25-100	CAT40	25	44	53	100	58	M16×1	10	-	1	-	A
CAT40-SF25-130	CAT40	25	44	53	130	58	M16×1	10	-	1	-	A
CAT40-SF25-160	CAT40	25	44	53	160	58	M16×1	10	-	1	-	A
CAT40-SF32-100	CAT40	32	44	53	100	58	M16×1	10	-	1	-	A
CAT40-SF32-130	CAT40	32	44	53	130	58	M16×1	10	-	1	-	A

✧ Accessories need to be ordered separately.

✧ Products 3, 4 and 5 are equipped with cross cooling grooves on the end face.

✧ Please contact our company if you need products of other models or specifications.

配件 ASSEMBLE PARTS		D											
		3	4	5	6	8	10	12	14	16	20	25	32
 螺钉 SCREW	-			M5×0.8-14	M6×1-14	M8×1-14	M10×1-14		M12×1-14	M16×1-14			
附件 ACCESSORIES		D											
		3	4	5	6	8	10	12	14	16	20	25	32
 扳手 WRENCH	-			2.5	3	4	5		6	8			

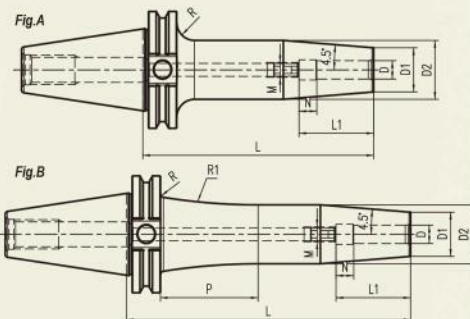
热缩刀柄/SHRINK FIT CHUCKS (4.5°) AMSE B5.50 CAT



FEATURES:

- Total runout: 0.003 (3×d)
- Made of special heat-resistant steel.
- Tool shank tolerance requirement: h6
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Standard dynamic balance: G2.5/25000rpm

◇ Suitable for 13KW power heat shrink fit machines.



型号 MODEL		尺寸SIZE (mm)										
AMSE B5.50 CAT		D	D1	D2	L	L1	M	N	P	R	R1	Fig
CAT50-SF06-80	CAT50	6	21	27	80	36	M5×0.8	10	-	2	-	A
CAT50-SF06-130	CAT50	6	21	27	130	36	M5×0.8	10	-	12	-	A
CAT50-SF06-160	CAT50	6	21	27	160	36	M5×0.8	10	70	12	250	B
CAT50-SF08-80	CAT50	8	21	27	80	36	M6×1	10	-	2	-	A
CAT50-SF08-130	CAT50	8	21	27	130	36	M6×1	10	-	12	-	A
CAT50-SF08-160	CAT50	8	21	27	160	36	M6×1	10	70	12	250	B
CAT50-SF10-80	CAT50	10	24	32	80	42	M8×1	10	-	2	-	A
CAT50-SF10-130	CAT50	10	24	32	130	42	M8×1	10	-	12	-	A
CAT50-SF10-160	CAT50	10	24	32	160	42	M8×1	10	70	10	250	B
CAT50-SF12-80	CAT50	12	24	32	80	42	M10×1	10	-	2	-	A
CAT50-SF12-130	CAT50	12	24	32	130	47	M10×1	10	-	12	-	A
CAT50-SF12-160	CAT50	12	24	32	160	47	M10×1	10	70	10	250	B
CAT50-SF14-80	CAT50	14	27	34	80	47	M10×1	10	-	2	-	A
CAT50-SF14-130	CAT50	14	27	34	130	47	M10×1	10	-	12	-	A
CAT50-SF14-160	CAT50	14	27	34	160	47	M10×1	10	70	8	250	B
CAT50-SF16-80	CAT50	16	27	34	80	50	M12×1	10	-	2	-	A
CAT50-SF16-130	CAT50	16	27	34	130	50	M12×1	10	-	12	-	A
CAT50-SF16-160	CAT50	16	27	34	160	50	M12×1	10	70	8	250	B
CAT50-SF18-80	CAT50	18	27	34	80	50	M12×1	10	-	1	-	A
CAT50-SF18-130	CAT50	18	27	34	130	50	M12×1	10	-	12	-	A
CAT50-SF20-80	CAT50	20	33	42	80	52	M16×1	10	-	1	-	A
CAT50-SF20-130	CAT50	20	33	42	130	52	M16×1	10	-	12	-	A
CAT50-SF20-160	CAT50	20	33	42	160	52	M16×1	10	55	8	300	B
CAT50-SF25-100	CAT50	25	44	53	160	58	M16×1	10	-	2	-	A
CAT50-SF25-130	CAT50	25	44	53	130	58	M16×1	10	-	8	-	A
CAT50-SF25-160	CAT50	25	44	53	160	58	M16×1	10	55	3.5	300	B
CAT50-SF32-130	CAT50	32	44	53	130	58	M16×1	10	-	8	-	A
CAT50-SF32-160	CAT50	32	44	53	160	58	M16×1	10	55	3.5	300	B

◇ Accessories need to be ordered separately.

◇ Products 3, 4 and 5 are equipped with cross cooling grooves on the end face.

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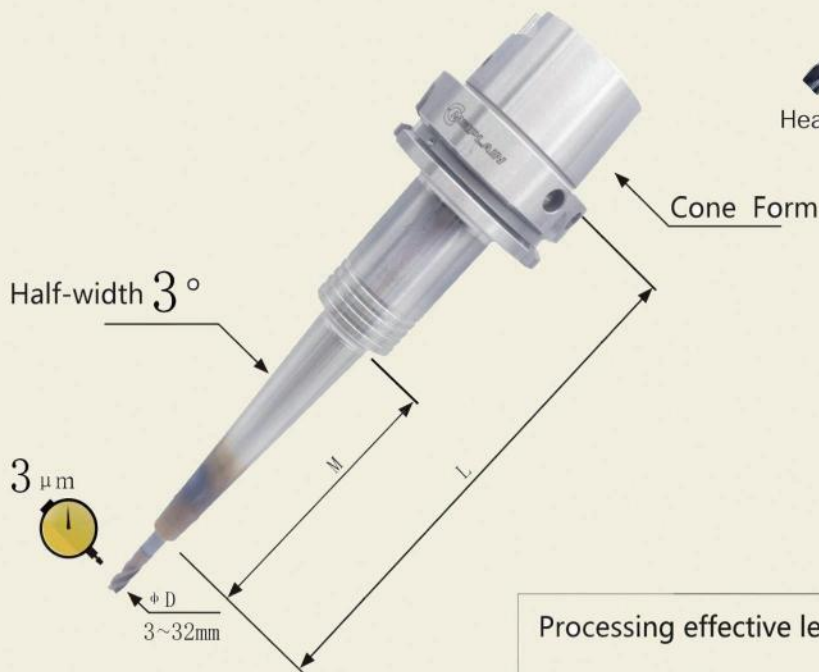
配件 ASSEMBLE PARTS		D								
		6	8	10	12	14	16	18	20	25
 螺钉 SCREW	M5×0.8-14	M6×1-14	M8×1-14	M10×1-14		M12×1-14		M16×1-14		
附件 ACCESSORIES		D								
		6	8	10	12	14	16		20	25
 扳手 WRENCH	2.5	3	4	5		6		8		

Integrated Series

Integrated **3°**

SLK SHRINK FIT CHUCK

A wide range of products for a wide variety of processes

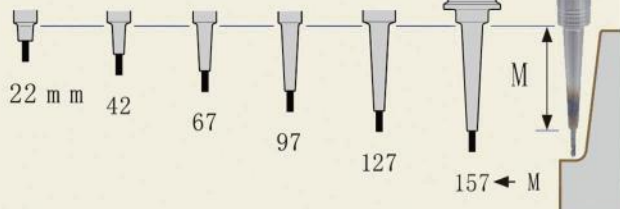


3000 kinds of Rich products



Processing effective length

6 types



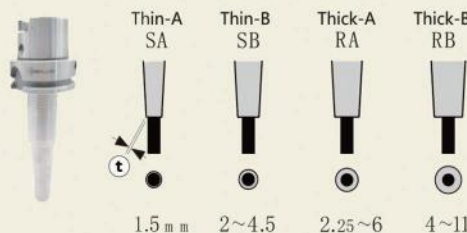
HSK63A — SL SA 3 — 125 — M42

Cone Slim ΦD L Effective L

BBT30
BBT40
BBT50
A50
A63
E50

Front Shape

Wall t ...4 types

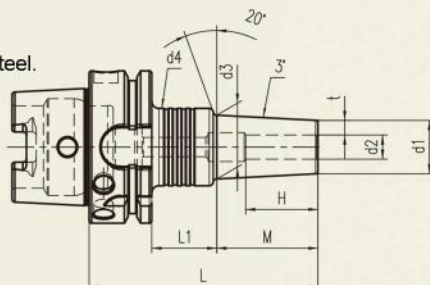


热缩刀柄/SHRINK FIT CHUCKS (3°) DIN 69893 HSK-A



FEATURES:

- Total runout: 0.003 (3×d)
- Heat-expandable part: heat-resistant stainless steel.
- Max heat resistance: 720C° Min: 430C°
- Roundness & Straightness: 0.001mm each.
- Standard dynamic balance: G2.5/25000rpm



型号 MODEL DIN 69893	尺寸SIZE (mm)										
	L	M	L1	H	t	d1	d2	d3	d4	Kg	
HSK50A-SLSA3-95-M42	95	42	27	9	1.5	6	3	10.4	25	0.5	
HSK50A-SLSA3-125-M42	125	42	57	9	1.5	6	3	10.4	25	0.6	
HSK50A-SLRA3-95-M42	95	42	27	9	2.25	7.5	3	11.9	25	0.5	
HSK50A-SLRA3-125-M42	125	42	57	9	2.25	7.5	3	11.9	25	0.6	
HSK50A-SLSA4-95-M42	95	42	27	12	1.5	7	4	11.4	25	0.5	
HSK50A-SLSA4-125-M42	125	42	57	12	1.5	7	4	11.4	25	0.6	
HSK50A-SLRA4-95-M42	95	42	27	12	3	10	4	14.4	25	0.5	
HSK50A-SLRA4-125-M42	125	42	57	12	3	10	4	14.4	25	0.6	
HSK50A-SLSA6-95-M42	95	42	27	18	1.5	9	6	13.4	25	0.5	
HSK50A-SLSA6-125-M42	125	42	57	18	1.5	9	6	13.4	25	0.6	
HSK50A-SLRB6-95-M42	95	42	27	18	4	14	6	18.4	32	0.6	
HSK50A-SLRB6-125-M42	125	42	57	18	4	14	6	18.4	32	0.7	
HSK50A-SLSA8-95-M42	95	42	27	24	1.5	11	8	15.4	25	0.5	
HSK50A-SLSA8-125-M42	125	42	57	24	1.5	11	8	15.4	25	0.6	
HSK50A-SLRB8-95-M42	95	42	27	24	5	18	8	22.4	32	0.6	
HSK50A-SLRB8-125-M42	125	42	57	24	5	18	8	22.4	32	0.8	
HSK50A-SLSA10-95-M42	95	42	27	30	1.5	13	10	17.4	25	0.5	
HSK50A-SLSA10-125-M42	125	42	57	30	1.5	13	10	17.4	25	0.6	
HSK50A-SLRB10-95-M42	95	42	27	30	6	22	10	26.4	32	0.6	
HSK50A-SLRB10-125-M42	125	42	57	30	6	22	10	26.4	32	0.8	
HSK50A-SLRB12-95-M42	95	42	27	30	7	26	12	30.4	42	0.8	
HSK50A-SLRB12-125-M42	125	42	57	30	7	26	12	30.4	42	1	

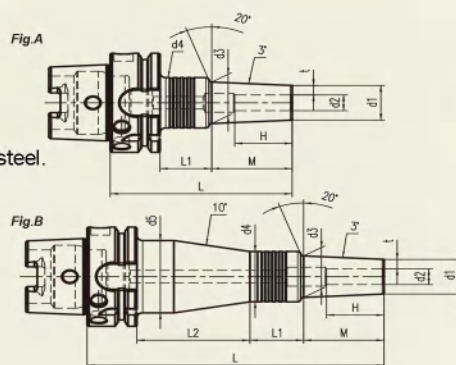
✧ Please contact our company if you need products of other models or specifications.

热缩刀柄/SHRINK FIT CHUCKS (3°) DIN 69893 HSK-A



FEATURES:

- Total runout: 0.003 (3×d)
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- Max heat resistance: 720C° Min: 430C°
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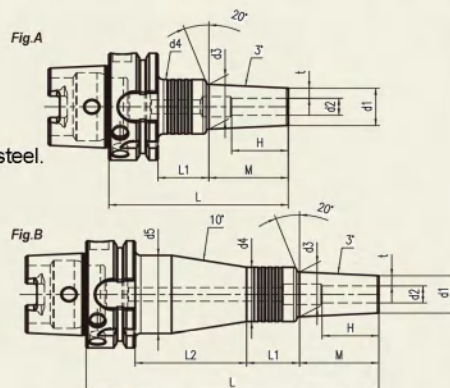
型号 MODEL DIN 69893	尺寸SIZE (mm)													Kg	Fig
	L	M	L1	L2	H	t	d1	d2	d3	d4	d5				
HSK63A-SLSA3-95-M42	95	42	27	-	9	1.5	6	3	10.4	25	-	0.7	A		
HSK63A-SLSA3-120-M67	120	67	27	-	9	1.5	6	3	13	25	-	0.8	A		
HSK63A-SLSA3-150-M97	150	97	27	-	9	1.5	6	3	16.2	25	-	0.8	A		
HSK63A-SLSA3-125-M42	125	42	57	-	9	1.5	6	3	10.4	25	-	0.8	A		
HSK63A-SLSA3-150-M67	150	67	57	-	9	1.5	6	3	13	25	-	0.8	A		
HSK63A-SLSA3-180-M97	180	97	57	-	9	1.5	6	3	16.2	25	-	0.9	A		
HSK63A-SLSA3-155-M42	155	42	33	54	9	1.5	6	3	10.4	25	40	1.1	B		
HSK63A-SLSA3-180-M67	180	67	33	54	9	1.5	6	3	13	25	39	1.2	B		
HSK63A-SLSA3-210-M97	210	97	33	54	9	1.5	6	3	16.2	25	39	1.2	B		
HSK63A-SLRA3-95-M42	98	42	27	-	9	2.25	7.5	3	11.9	25	-	0.7	A		
HSK63A-SLRA3-120-M67	120	67	27	-	9	2.25	7.5	3	14.5	25	-	0.8	A		
HSK63A-SLRA3-150-M97	150	97	27	-	9	2.25	7.5	3	17.7	25	-	0.8	A		
HSK63A-SLRA3-180-M127	180	127	27	-	9	2.25	7.5	3	20.8	36	-	1.2	A		
HSK63A-SLRA3-125-M42	125	42	57	-	9	2.25	7.5	3	11.9	25	-	0.8	A		
HSK63A-SLRA3-150-M67	150	67	57	-	9	2.25	7.5	3	14.5	25	-	0.9	A		
HSK63A-SLRA3-180-M97	180	97	57	-	9	2.25	7.5	3	17.7	25	-	0.9	A		
HSK63A-SLRA3-210-M127	210	127	57	-	9	2.25	7.5	3	20.8	32	-	1.1	A		
HSK63A-SLRA3-155-M42	155	42	33	54	9	2.25	7.5	3	11.9	25	39	1.1	B		
HSK63A-SLRA3-180-M67	180	67	33	54	9	2.25	7.5	3	14.5	26	40	1.2	B		
HSK63A-SLRA3-210-M97	210	97	33	54	9	2.25	7.5	3	17.7	25	39	1.2	B		
HSK63A-SLRA3-240-M127	240	127	30	57	9	2.25	7.5	3	20.8	32	46	1.5	B		
HSK63A-SLSA4-95-M42	95	42	27	-	12	1.5	7	4	11.4	25	-	0.7	A		
HSK63A-SLSA4-120-M67	120	67	27	-	12	1.5	7	4	14	25	-	0.8	A		
HSK63A-SLSA4-150-M97	150	97	27	-	12	1.5	7	4	17.2	25	-	0.8	A		
HSK63A-SLSA4-125-M42	125	42	57	-	12	1.5	7	4	11.4	25	-	0.8	A		
HSK63A-SLSA4-150-M67	150	67	57	-	12	1.5	7	4	14	25	-	0.9	A		
HSK63A-SLSA4-180-M97	180	97	57	-	12	1.5	7	4	17.2	25	-	0.9	A		
HSK63A-SLSA4-155-M42	155	42	33	54	12	1.5	7	4	11.4	25	39	1.1	B		
HSK63A-SLSA4-180-M67	180	67	33	54	12	1.5	7	4	14	25	39	1.1	B		
HSK63A-SLSA4-210-M97	210	97	33	54	12	1.5	7	4	17.2	25	39	1.2	B		
HSK63A-SLRA4-95-M42	95	42	27	-	12	3	10	4	14.4	25	-	0.8	A		
HSK63A-SLRA4-120-M67	120	67	27	-	12	3	10	4	17	25	-	0.8	A		
HSK63A-SLRA4-150-M97	150	97	27	-	12	3	10	4	20.2	25	-	0.8	A		
HSK63A-SLRA4-180-M127	180	127	27	-	12	3	10	4	23.3	32	-	1	A		
HSK63A-SLRA4-125-M42	125	42	57	-	12	3	10	4	14.4	25	-	0.8	A		
HSK63A-SLRA4-150-M67	150	67	57	-	12	3	10	4	17	25	-	0.9	A		
HSK63A-SLRA4-180-M97	180	97	57	-	12	3	10	4	20.2	25	-	0.9	A		
HSK63A-SLRA4-210-M127	210	127	57	-	12	3	10	4	23.3	32	-	1.1	A		
HSK63A-SLRA4-155-M42	155	42	33	54	12	3	10	4	14.4	25	39	1.1	B		
HSK63A-SLRA4-180-M67	180	67	33	54	12	3	10	4	17	25	39	1.2	B		
HSK63A-SLRA4-210-M97	210	97	33	54	12	3	10	4	20.2	25	39	1.2	B		
HSK63A-SLRA4-240-M127	240	127	30	57	12	3	10	4	23.3	32	46	1.5	B		
HSK63A-SLSA6-95-M42	95	42	27	-	18	1.5	9	6	13.4	25	-	0.7	A		
HSK63A-SLSA6-120-M67	120	67	27	-	18	1.5	9	6	16	25	-	0.8	A		
HSK63A-SLSA6-150-M97	150	97	27	-	18	1.5	9	6	19.2	32	-	0.8	A		
HSK63A-SLSA6-125-M42	125	42	57	-	18	1.5	9	6	13.4	25	-	0.9	A		
HSK63A-SLSA6-150-M67	150	67	57	-	18	1.5	9	6	16	25	-	0.9	A		
HSK63A-SLSA6-180-M97	180	97	57	-	18	1.5	9	6	19.2	32	-	1	A		
HSK63A-SLSA6-155-M42	155	42	33	54	18	1.5	9	6	13.4	25	39	1.1	B		
HSK63A-SLSA6-180-M67	180	67	33	54	18	1.5	9	6	16	25	39	1.1	B		
HSK63A-SLSA6-210-M97	210	97	30	57	18	1.5	9	6	19.2	32	46	1.4	B		

热缩刀柄/SHRINK FIT CHUCKS (3°) DIN 69893 HSK-A



FEATURES:

- Total runout: 0.003 (3×d)
- Heat-expandable part: heat-resistant stainless steel.
- Max heat resistance: 720C° Min: 430C°
- Roundness & Straightness: 0.001mm each.
- Standard dynamic balance: G2.5/25000rpm



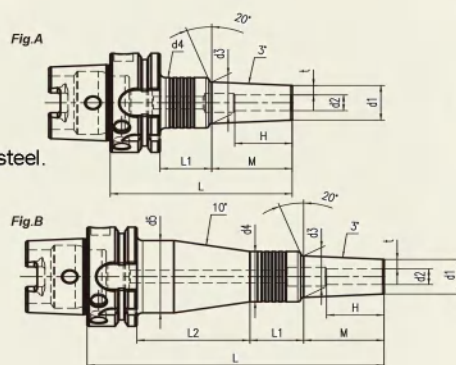
型号 MODEL DIN 69893	尺寸SIZE (mm)													Fig
	L	M	L1	L2	H	t	d1	d2	d3	d4	d5	Kg	Fig	
HSK63A-SLSB6-95-M42	95	42	27	—	18	2	10	6	14.4	25	—	0.7	A	
HSK63A-SLSB6-120-M67	120	67	27	—	18	2	10	6	17	25	—	0.8	A	
HSK63A-SLSB6-150-M97	150	97	27	—	18	2	10	6	20.2	32	—	0.8	A	
HSK63A-SLSB6-180-M127	180	127	27	—	18	2	10	6	23.3	32	—	0.9	A	
HSK63A-SLSB6-210-M157	210	157	27	—	18	2	10	6	26.5	32	—	0.9	A	
HSK63A-SLSB6-125-M42	125	42	57	—	18	2	10	6	14.4	25	—	0.9	A	
HSK63A-SLSB6-150-M67	150	67	57	—	18	2	10	6	17	25	—	1	A	
HSK63A-SLSB6-180-M97	180	97	57	—	18	2	10	6	20.2	32	—	1.1	A	
HSK63A-SLSB6-210-M127	210	127	57	—	18	2	10	6	23.3	32	—	1.1	A	
HSK63A-SLSB6-240-M157	240	157	57	—	18	2	10	6	26.5	32	—	1.1	A	
HSK63A-SLSB6-155-M42	155	42	33	54	18	2	10	6	14.4	25	39	1.1	B	
HSK63A-SLSB6-180-M67	180	67	33	54	18	2	10	6	17	25	39	1.2	B	
HSK63A-SLSB6-210-M97	210	97	30	57	18	2	10	6	20.2	32	46	1.4	B	
HSK63A-SLSB6-240-M127	240	127	30	57	18	2	10	6	23.3	32	46	1.5	B	
HSK63A-SLSB6-270-M157	270	157	30	57	18	2	10	6	26.5	32	46	1.6	B	
HSK63A-SLRB6-95-M42	95	42	27	—	18	4	14	6	18.4	32	—	0.8	A	
HSK63A-SLRB6-120-M67	120	67	27	—	18	4	14	6	21	32	—	0.9	A	
HSK63A-SLRB6-125-M42	125	42	57	—	18	4	14	6	18.4	32	—	1	A	
HSK63A-SLRB6-150-M67	150	67	57	—	18	4	14	6	21	32	—	1	A	
HSK63A-SLRB6-155-M42	155	42	30	57	18	4	14	6	18.4	32	46	1.4	B	
HSK63A-SLRB6-180-M67	180	67	30	57	18	4	14	6	21	32	46	1.4	B	
HSK63A-SLSA8-95-M42	95	42	27	—	24	1.5	11	8	15.4	25	—	0.7	A	
HSK63A-SLSA8-120-M67	120	67	27	—	24	1.5	11	8	18	32	—	0.8	A	
HSK63A-SLSA8-150-M97	150	97	27	—	24	1.5	11	8	21.2	32	—	0.8	A	
HSK63A-SLSA8-125-M42	125	42	57	—	24	1.5	11	8	15.4	25	—	0.9	A	
HSK63A-SLSA8-150-M67	150	67	57	—	24	1.5	11	8	18	32	—	1	A	
HSK63A-SLSA8-180-M97	180	97	57	—	24	1.5	11	8	21.2	32	—	1	A	
HSK63A-SLSA8-155-M42	155	42	33	54	24	1.5	11	8	15.4	25	39	1.1	B	
HSK63A-SLSA8-180-M67	180	67	30	57	24	1.5	11	8	18	32	46	1.4	B	
HSK63A-SLSA8-210-M97	210	97	30	57	24	1.5	11	8	21.2	32	46	1.4	B	
HSK63A-SLSB8-95-M42	95	42	27	—	24	2.5	13	8	17.4	32	—	0.8	A	
HSK63A-SLSB8-120-M67	120	67	27	—	24	2.5	13	8	20	32	—	0.9	A	
HSK63A-SLSB8-150-M97	150	97	27	—	24	2.5	13	8	23.2	32	—	0.9	A	
HSK63A-SLSB8-180-M127	180	127	27	—	24	2.5	13	8	26.3	32	—	1	A	
HSK63A-SLSB8-210-M157	210	157	27	—	24	2.5	13	8	29.5	42	—	1	A	
HSK63A-SLSB8-125-M42	125	42	57	—	24	2.5	13	8	17.4	32	—	1	A	
HSK63A-SLSB8-150-M67	150	67	57	—	24	2.5	13	8	20	32	—	1.1	A	
HSK63A-SLSB8-180-M97	180	97	57	—	24	2.5	13	8	23.2	32	—	1.2	A	
HSK63A-SLSB8-210-M127	210	127	57	—	24	2.5	13	8	26.3	32	—	1.2	A	
HSK63A-SLSB8-240-M157	240	157	57	—	24	2.5	13	8	29.5	42	—	1.4	A	
HSK63A-SLSB8-155-M42	155	42	30	57	24	2.5	13	8	17.4	32	46	1.4	B	
HSK63A-SLSB8-180-M67	180	67	30	57	24	2.5	13	8	20	32	46	1.5	B	
HSK63A-SLSB8-210-M97	210	97	30	57	24	2.5	13	8	23.2	32	46	1.5	B	
HSK63A-SLSB8-240-M127	240	127	30	57	24	2.5	13	8	26.3	32	46	1.6	B	
HSK63A-SLSB8-270-M157	270	157	28	59	24	2.5	13	8	29.5	42	53	2	B	
HSK63A-SLRB8-95-M42	95	42	27	—	24	5	18	8	22.4	32	—	0.9	A	
HSK63A-SLRB8-120-M67	120	67	27	—	24	5	18	8	25	32	—	0.9	A	
HSK63A-SLRB8-125-M42	125	42	57	—	24	5	18	8	22.4	32	—	1	A	
HSK63A-SLRB8-150-M67	150	67	57	—	24	5	18	8	25	32	—	1.1	A	
HSK63A-SLRB8-155-M42	155	42	30	57	24	5	18	8	22.4	32	46	1.4	B	
HSK63A-SLRB8-180-M67	180	67	30	57	24	5	18	8	25	32	46	1.5	B	

热缩刀柄/SHRINK FIT CHUCKS (3°) DIN 69893 HSK-A



FEATURES:

- Total runout: 0.003 (3×d)
- Heat-expandable part: heat-resistant stainless steel.
- Max heat resistance: 720C° Min: 430C°
- Roundness & Straightness: 0.001 mm each.
- Standard dynamic balance: G2.5/25000rpm



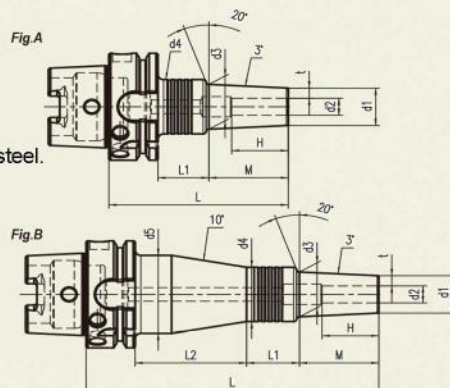
型号 MODEL DIN 69893	尺寸SIZE (mm)													Kg	Fig
	L	M	L1	L2	H	t	d1	d2	d3	d4	d5				
HSK63A-SLSA10-95-M42	95	42	27	-	30	1.5	13	10	17.4	25	-	0.8	A		
HSK63A-SLSA10-120-M67	120	67	27	-	30	1.5	13	10	20	32	-	0.8	A		
HSK63A-SLSA10-150-M97	150	97	27	-	30	1.5	13	10	23.2	32	-	0.8	A		
HSK63A-SLSA10-125-M42	125	42	57	-	30	1.5	13	10	17.4	25	-	0.9	A		
HSK63A-SLSA10-150-M67	150	67	57	-	30	1.5	13	10	20	32	-	1	A		
HSK63A-SLSA10-180-M97	180	97	57	-	30	1.5	13	10	23.2	32	-	1.1	A		
HSK63A-SLSA10-155-M42	155	42	33	54	30	1.5	13	10	17.4	25	39	1.1	B		
HSK63A-SLSA10-180-M67	180	67	30	57	30	1.5	13	10	20	32	46	1.4	B		
HSK63A-SLSA10-210-M97	210	97	30	57	30	1.5	13	10	23.2	32	46	1.5	B		
HSK63A-SLSB10-95-M42	95	42	27	-	30	3	16	10	20.4	32	-	0.8	A		
HSK63A-SLSB10-120-M67	120	67	27	-	30	3	16	10	23	32	-	0.9	A		
HSK63A-SLSB10-150-M97	150	97	27	-	30	3	16	10	26.2	32	-	1	A		
HSK63A-SLSB10-180-M127	180	127	27	-	30	3	16	10	29.3	42	-	1	A		
HSK63A-SLSB10-210-M157	210	157	27	-	30	3	16	10	32.5	42	-	1	A		
HSK63A-SLSB10-125-M42	125	42	57	-	30	3	16	10	20.4	32	-	1.1	A		
HSK63A-SLSB10-150-M67	150	67	57	-	30	3	16	10	23	32	-	1.2	A		
HSK63A-SLSB10-180-M97	180	97	57	-	30	3	16	10	26.2	32	-	1.3	A		
HSK63A-SLSB10-210-M127	210	127	57	-	30	3	16	10	29.3	42	-	1.4	A		
HSK63A-SLSB10-240-M157	240	157	57	-	30	3	16	10	32.5	42	-	1.4	A		
HSK63A-SLSB10-155-M42	155	42	30	57	30	3	16	10	20.4	32	46	1.4	B		
HSK63A-SLSB10-180-M67	180	67	30	57	30	3	16	10	23	32	46	1.5	B		
HSK63A-SLSB10-210-M97	210	97	30	57	30	3	16	10	26.2	32	46	1.8	B		
HSK63A-SLSB10-240-M127	240	127	28	59	30	3	16	10	29.3	42	53	1.9	B		
HSK63A-SLSB10-270-M157	270	157	28	59	30	3	16	10	32.5	42	53	2.1	B		
HSK63A-SLRB10-95-M42	95	42	27	-	30	6	22	10	26.4	32	-	0.9	A		
HSK63A-SLRB10-120-M67	120	67	27	-	30	6	22	10	29	42	-	1.1	A		
HSK63A-SLRB10-125-M42	125	42	57	-	30	6	22	10	26.4	32	-	1.1	A		
HSK63A-SLRB10-150-M67	150	67	57	-	30	6	22	10	29	42	-	1.3	A		
HSK63A-SLRB10-155-M42	155	42	30	57	30	6	22	10	26.4	32	-	1.5	A		
HSK63A-SLRB10-180-M67	180	67	28	59	30	6	22	10	29	42	-	1.8	A		
HSK63A-SLSA12-95-M42	95	42	27	-	30	1.5	15	12	19.4	32	-	0.8	A		
HSK63A-SLSA12-120-M67	120	67	27	-	30	1.5	15	12	22	32	-	0.8	A		
HSK63A-SLSA12-150-M97	150	97	27	-	30	1.5	15	12	25.2	32	-	0.9	A		
HSK63A-SLSA12-125-M42	125	42	57	-	30	1.5	15	12	19.4	32	-	1	A		
HSK63A-SLSA12-150-M67	150	67	57	-	30	1.5	15	12	22	32	-	1	A		
HSK63A-SLSA12-180-M97	180	97	57	-	30	1.5	15	12	25.2	32	-	1.1	A		
HSK63A-SLSA12-155-M42	155	42	30	57	30	1.5	15	12	19.4	32	46	1.4	B		
HSK63A-SLSA12-180-M67	180	67	30	57	30	1.5	15	12	22	32	46	1.4	B		
HSK63A-SLSA12-210-M97	210	97	30	57	30	1.5	15	12	25.2	32	46	1.5	B		
HSK63A-SLSB16-95-M42	95	42	27	-	32	4	24	16	28.4	42	-	1	A		
HSK63A-SLSB16-120-M67	120	67	27	-	32	4	24	16	31	42	-	1.1	A		
HSK63A-SLSB16-150-M97	150	97	27	-	32	4	24	16	34.2	42	-	1.2	A		
HSK63A-SLSB16-180-M127	180	127	27	-	32	4	24	16	37.3	53	-	1.2	A		
HSK63A-SLSB16-210-M157	210	157	27	-	32	4	24	16	40.5	53	-	1.3	A		
HSK63A-SLSB16-125-M42	125	42	57	-	32	4	24	16	28.4	42	-	1.4	A		
HSK63A-SLSB16-150-M67	150	67	57	-	32	4	24	16	31	42	-	1.5	A		
HSK63A-SLSB16-180-M97	180	97	57	-	32	4	24	16	34.2	42	-	1.7	A		
HSK63A-SLSB16-210-M127	210	127	57	-	32	4	24	16	37.3	53	-	1.7	A		
HSK63A-SLSB16-240-M157	240	157	57	-	32	4	24	16	40.5	53	-	1.8	A		

热缩刀柄/SHRINK FIT CHUCKS (3°) DIN 69893 HSK-A



FEATURES:

- Total runout: 0.003 (3×d)
- Heat-expandable part: heat-resistant stainless steel.
- Max heat resistance: 720C° Min: 430C°
- Roundness & Straightness: 0.001mm each.
- Standard dynamic balance: G2.5/25000rpm



型号 MODEL DIN 69893	尺寸SIZE (mm)													Kg	Fig
	L	M	L1	L2	H	t	d1	d2	d3	d4	d5				
HSK63A-SLSB16-155-M42	155	42	87	-	32	4	24	16	28.4	50	-	1.9	A		
HSK63A-SLSB16-180-M67	180	67	28	59	32	4	24	16	31	42	53	2	B		
HSK63A-SLSB16-210-M97	210	97	28	59	32	4	24	16	34.2	42	53	2.1	B		
HSK63A-SLSB16-240-M127	240	127	87	-	32	4	24	16	37.3	53	-	2.3	A		
HSK63A-SLSB16-270-M157	270	157	87	-	32	4	24	16	40.5	42	-	2.5	A		
HSK63A-SLRB16-95-M42	95	42	27	-	32	8	32	16	36.4	42	-	1.1	A		
HSK63A-SLRB16-120-M67	120	67	27	-	32	8	32	16	39	42	-	1.3	A		
HSK63A-SLRB16-125-M42	125	42	57	-	32	8	32	16	36.4	42	-	1.3	A		
HSK63A-SLRB16-150-M67	150	67	57	-	32	8	32	16	39	42	-	1.5	A		
HSK63A-SLRB16-155-M42	155	42	28	59	32	8	32	16	36.4	42	53	1.9	B		
HSK63A-SLRB16-180-M67	180	67	28	59	32	8	32	16	39	42	53	2	B		
HSK63A-SLSB20-95-M42	95	42	27	-	40	4.5	29	20	33.4	42	-	1	A		
HSK63A-SLSB20-120-M67	120	67	27	-	40	4.5	29	20	36	42	-	1.1	A		
HSK63A-SLSB20-150-M97	150	97	27	-	40	4.5	29	20	39.2	53	-	1.2	A		
HSK63A-SLSB20-180-M127	180	127	27	-	40	4.5	29	20	42.3	53	-	1.4	A		
HSK63A-SLSB20-210-M157	210	157	27	-	40	4.5	29	20	45.5	53	-	1.4	A		
HSK63A-SLSB20-125-M42	125	42	57	-	40	4.5	29	20	33.4	42	-	1.6	A		
HSK63A-SLSB20-150-M67	150	67	57	-	40	4.5	29	20	36	42	-	1.8	A		
HSK63A-SLSB20-180-M97	180	97	57	-	40	4.5	29	20	39.2	53	-	1.8	A		
HSK63A-SLSB20-210-M127	210	127	57	-	40	4.5	29	20	42.3	53	-	1.9	A		
HSK63A-SLSB20-240-M157	240	157	57	-	40	4.5	29	20	45.5	53	-	1.9	A		
HSK63A-SLSB20-155-M42	155	42	87	-	40	4.5	29	20	33.4	50	-	2	A		
HSK63A-SLSB20-180-M67	180	67	28	59	40	4.5	29	20	36	42	53	2.2	B		
HSK63A-SLSB20-210-M97	210	97	87	-	40	4.5	29	20	39.2	53	-	2.3	A		
HSK63A-SLSB20-240-M127	240	127	87	-	40	4.5	29	20	42.3	53	-	2.4	A		
HSK63A-SLSB20-270-M157	270	157	87	-	40	4.5	29	20	45.5	53	-	2.7	A		
HSK63A-SLRB20-95-M42	95	42	27	-	40	9	38	20	42.4	53	-	1.3	A		
HSK63A-SLRB20-120-M67	120	67	27	-	40	9	38	20	45	53	-	1.5	A		
HSK63A-SLRB20-125-M42	125	42	57	-	40	9	38	20	42.4	53	-	1.7	A		
HSK63A-SLRB20-150-M67	150	67	57	-	40	9	38	20	45	53	-	1.9	A		
HSK63A-SLRB20-155-M42	155	42	87	-	40	9	38	20	42.4	53	-	2.1	A		
HSK63A-SLRB20-180-M67	180	67	87	-	40	9	38	20	45	53	-	2.3	A		
HSK63A-SLRB25-95-M42	95	42	27	-	45	10	45	25	49.4	53	-	1.4	A		
HSK63A-SLRB25-125-M42	125	42	57	-	45	10	45	25	49.4	53	-	1.8	A		
HSK63A-SLRB25-155-M42	155	42	87	-	45	10	45	25	49.4	53	-	2.2	A		

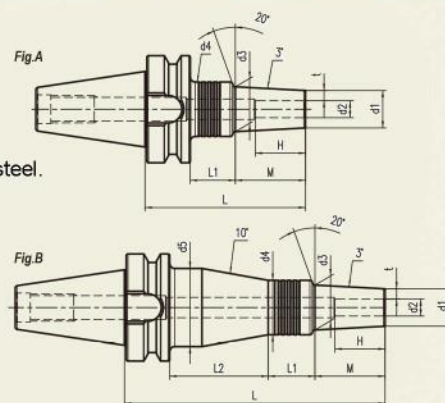
✧ Please contact our company if you need products of other models or specifications.

热缩刀柄/SHRINK FIT CHUCKS (3°) JIS B 6339 BT/BBT



FEATURES:

- Total runout: 0.003 (3×d)
- Heat-expandable part: heat-resistant stainless steel.
- Max heat resistance: 720C° Min: 430C°
- Roundness & Straightness: 0.001mm each.
- Standard dynamic balance: G2.5/25000rpm



型号 MODEL	尺寸SIZE (mm)										
JIS B 6339	L	M	L1	H	t	T	d2	d3	d4	Kg	
BBT30-SLSA3-75-M22	75	22	32	9	1.5	6	3	8.3	25	0.4	
BBT30-SLSA3-95-M42	95	42	32	9	1.5	6	3	10.4	25	0.4	
BBT30-SLSA3-120-M67	120	67	32	9	1.5	6	3	13	25	0.5	
BBT30-SLRA3-75-M22	75	22	32	9	2.25	7.5	3	9.8	25	0.5	
BBT30-SLSA3.175-75-M22	75	22	32	9	1.5	6.175	3.175	8.5	25	0.4	
BBT30-SLSA3.175-95-M42	95	42	32	9	1.5	6.175	3.175	10.6	25	0.4	
BBT30-SLSA4-75-M22	75	22	32	12	1.5	7	4	9.3	25	0.4	
BBT30-SLSA4-95-M42	95	42	32	12	1.5	7	4	11.4	25	0.4	
BBT30-SLSA4-120-M67	120	67	32	12	1.5	7	4	14	25	0.5	
BBT30-SLRA4-75-M22	75	22	32	12	3	10	4	12.3	25	0.5	
BBT30-SLSA6-75-M22	75	22	32	18	1.5	9	6	11.3	25	0.4	
BBT30-SLSA6-95-M42	95	42	32	18	1.5	9	6	13.4	25	0.4	
BBT30-SLSA6-120-M67	120	67	32	18	1.5	9	6	16	25	0.5	
BBT30-SLRA6-75-M22	75	22	32	18	3	12	6	14.3	25	0.4	
BBT30-SLRA8-75-M22	75	22	32	24	3	14	8	16.3	25	0.4	
BBT30-SLRA10-75-M22	75	22	32	30	3	16	10	18.3	25	0.4	
BBT30-SLRA12-75-M22	75	22	32	30	4	20	12	22.3	25	0.5	
BBT30-SLRA16-60-M22	60	22	17	32	5	26	16	28.3	34	0.5	
BBT30-SLRA20-65-M22	65	22	22	38	6	32	20	34.3	40	0.6	

✧ Please contact our company if you need products of other models or specifications.

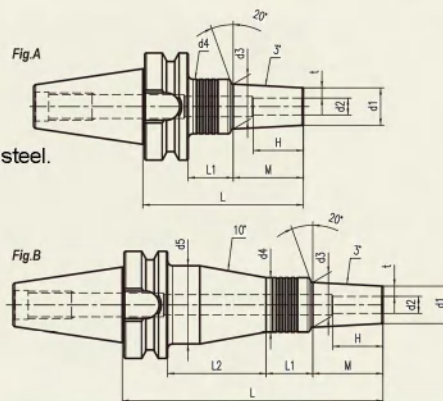
热缩刀柄/SHRINK FIT CHUCKS (3°)

JIS B 6339 BT/BBT



FEATURES:

- Total runout: 0.003 (3×d)
- Heat-expandable part: heat-resistant stainless steel.
- Max heat resistance: 720C° Min: 430C°
- Roundness & Straightness: 0.001mm each.
- Standard dynamic balance: G2.5/25000rpm



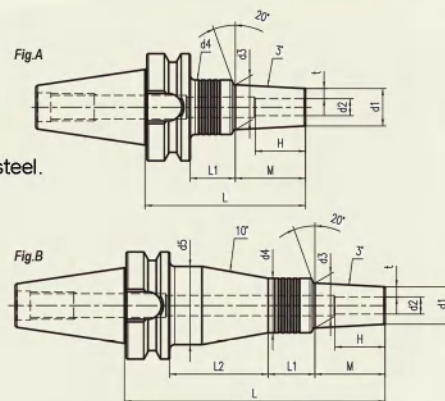
型号 MODEL	尺寸SIZE (mm)													Kg	Fig
JIS B 6339	L	M	L1	L2	H	t	d1	d2	d3	d4	d5				
BBT40-SLSA3-95-M42	95	42	27	-	9	1.5	6	3	10.4	25	-	1	A		
BBT40-SLSA3-120-M67	120	67	27	-	9	1.5	6	3	13	25	-	1	A		
BBT40-SLSA3-150-M97	150	97	27	-	9	1.5	6	3	16.2	25	-	1.1	A		
BBT40-SLSA3-125-M42	125	42	57	-	9	1.5	6	3	10.4	25	-	1.1	A		
BBT40-SLSA3-150-M67	150	67	57	-	9	1.5	6	3	13	25	-	1.1	A		
BBT40-SLSA3-180-M97	180	97	57	-	9	1.5	6	3	16.2	25	-	1.2	A		
BBT40-SLSA3-155-M42	155	42	34	53	9	1.5	6	3	10.4	26	40	1.4	B		
BBT40-SLSA3-180-M67	180	67	34	53	9	1.5	6	3	13	25	39	1.4	B		
BBT40-SLSA3-210-M97	210	97	34	53	9	1.5	6	3	16.2	25	39	1.4	B		
BBT40-SLRA3-95-M42	95	42	27	-	9	2.25	7.5	3	11.9	25	-	1	A		
BBT40-SLRA3-120-M67	120	67	27	-	9	2.25	7.5	3	14.5	25	-	1.1	A		
BBT40-SLRA3-150-M97	150	97	27	-	9	2.25	7.5	3	17.7	25	-	1.1	A		
BBT40-SLRA3-180-M127	180	127	27	-	9	2.25	7.5	3	20.8	36	-	1.1	A		
BBT40-SLRA3-125-M42	125	42	57	-	9	2.25	7.5	3	11.9	25	-	1.1	A		
BBT40-SLRA3-150-M67	150	67	57	-	9	2.25	7.5	3	14.5	25	-	1.2	A		
BBT40-SLRA3-180-M97	180	97	57	-	9	2.25	7.5	3	17.7	25	-	1.2	A		
BBT40-SLRA3-210-M127	210	127	57	-	9	2.25	7.5	3	20.8	32	-	1.4	A		
BBT40-SLRA3-155-M42	155	42	34	53	9	2.25	7.5	3	11.9	25	39	1.4	B		
BBT40-SLRA3-180-M67	180	67	34	53	9	2.25	7.5	3	14.5	26	40	1.4	B		
BBT40-SLRA3-210-M97	210	97	34	53	9	2.25	7.5	3	17.7	25	39	1.5	B		
BBT40-SLRA3-240-M127	240	127	29	58	9	2.25	7.5	3	20.8	36	50	1.8	B		
BBT40-SLSA4-95-M42	95	42	27	-	12	1.5	7	4	11.4	25	-	1	A		
BBT40-SLSA4-120-M67	120	67	27	-	12	1.5	7	4	14	25	-	1	A		
BBT40-SLSA4-150-M97	150	97	27	-	12	1.5	7	4	17.2	25	-	1.1	A		
BBT40-SLSA4-125-M42	125	42	57	-	12	1.5	7	4	11.4	25	-	1.1	A		
BBT40-SLSA4-150-M67	150	67	57	-	12	1.5	7	4	14	25	-	1.1	A		
BBT40-SLSA4-180-M97	180	97	57	-	12	1.5	7	4	17.2	25	-	1.2	A		
BBT40-SLSA4-155-M42	155	42	34	53	12	1.5	7	4	11.4	25	39	1.4	B		
BBT40-SLSA4-180-M67	180	67	34	53	12	1.5	7	4	14	25	39	1.4	B		
BBT40-SLSA4-210-M97	210	97	34	53	12	1.5	7	4	17.2	25	39	1.5	B		
BBT40-SLRA4-95-M42	95	42	27	-	12	3	10	4	14.4	25	-	1	A		
BBT40-SLRA4-120-M67	120	67	27	-	12	3	10	4	17	25	-	1.1	A		
BBT40-SLRA4-150-M97	150	97	27	-	12	3	10	4	20.2	25	-	1.1	A		
BBT40-SLRA4-180-M127	180	127	27	-	12	3	10	4	23.3	32	-	1.2	A		
BBT40-SLRA4-125-M42	125	42	57	-	12	3	10	4	14.4	25	-	1.2	A		
BBT40-SLRA4-150-M67	150	67	57	-	12	3	10	4	17	25	-	1.2	A		
BBT40-SLRA4-180-M97	180	97	57	-	12	3	10	4	20.2	25	-	1.2	A		
BBT40-SLRA4-210-M127	210	127	57	-	12	3	10	4	23.3	32	-	1.4	A		
BBT40-SLRA4-155-M42	155	42	34	53	12	3	10	4	14.4	25	39	1.4	B		
BBT40-SLRA4-180-M67	180	67	34	53	12	3	10	4	17	25	39	1.4	B		
BBT40-SLRA4-210-M97	210	97	34	53	12	3	10	4	20.2	25	39	1.5	B		
BBT40-SLRA4-240-M127	240	127	31	56	12	3	10	4	23.3	32	46	1.8	B		
BBT40-SLSA6-95-M42	95	42	27	-	18	1.5	9	6	13.4	25	-	1	A		
BBT40-SLSA6-120-M67	120	67	27	-	18	1.5	9	6	16	25	-	1.1	A		
BBT40-SLSA6-150-M97	150	97	27	-	18	1.5	9	6	19.2	32	-	1.1	A		
BBT40-SLSA6-125-M42	125	42	57	-	18	1.5	9	6	13.4	25	-	1.1	A		
BBT40-SLSA6-150-M67	150	67	57	-	18	1.5	9	6	16	25	-	1.2	A		
BBT40-SLSA6-180-M97	180	97	57	-	18	1.5	9	6	19.2	32	-	1.3	A		
BBT40-SLSA6-155-M42	155	42	34	53	18	1.5	9	6	13.4	25	39	1.4	B		
BBT40-SLSA6-180-M67	180	67	34	53	18	1.5	9	6	16	25	39	1.4	B		
BBT40-SLSA6-210-M97	210	97	31	56	18	1.5	9	6	19.2	32	46	1.7	B		

热缩刀柄/SHRINK FIT CHUCKS (3°) JIS B 6339 BT/BBT



FEATURES:

- Total runout: 0.003 (3×d)
- Heat-expandable part: heat-resistant stainless steel.
- Max heat resistance: 720C° Min: 430C°
- Roundness & Straightness: 0.001 mm each.
- Standard dynamic balance: G2.5/25000rpm



型号 MODEL JIS B 6339	尺寸SIZE (mm)												
	L	M	L1	L2	H	t	d1	d2	d3	d4	d5	Kg	Fig
BBT40-SLSB6-95-M42	95	42	27	-	18	2	10	6	14.4	25	-	1	A
BBT40-SLSB6-120-M67	120	67	27	-	18	2	10	6	17	25	-	1.1	A
BBT40-SLSB6-150-M97	150	97	27	-	18	2	10	6	20.2	32	-	1.1	A
BBT40-SLSB6-180-M127	180	127	27	-	18	2	10	6	23.3	32	-	1.2	A
BBT40-SLSB6-210-M157	210	157	27	-	18	2	10	6	26.5	32	-	1.2	A
BBT40-SLSB6-125-M42	125	42	57	-	18	2	10	6	14.4	25	-	1.2	A
BBT40-SLSB6-150-M67	150	67	57	-	18	2	10	6	17	25	-	1.3	A
BBT40-SLSB6-180-M97	180	97	57	-	18	2	10	6	20.2	32	-	1.3	A
BBT40-SLSB6-210-M127	210	127	57	-	18	2	10	6	23.3	32	-	1.4	A
BBT40-SLSB6-240-M157	240	157	57	-	18	2	10	6	26.5	36	-	1.4	A
BBT40-SLSB6-155-M42	155	42	34	53	18	2	10	6	14.4	25	39	1.4	B
BBT40-SLSB6-180-M67	180	67	34	53	18	2	10	6	17	25	39	1.7	B
BBT40-SLSB6-210-M97	210	97	31	56	18	2	10	6	20.2	32	46	1.7	B
BBT40-SLSB6-240-M127	240	127	31	56	18	2	10	6	23.3	32	46	1.8	B
BBT40-SLSB6-270-M157	270	157	31	56	18	2	10	6	26.5	32	46	1.9	B
BBT40-SLRB6-95-M42	95	42	27	-	18	4	14	6	18.4	32	-	1.1	A
BBT40-SLRB6-120-M67	120	67	27	-	18	4	14	6	21	32	-	1.2	A
BBT40-SLRB6-125-M42	125	42	57	-	18	4	14	6	18.4	32	-	1.3	A
BBT40-SLRB6-150-M67	150	67	57	-	18	4	14	6	21	32	-	1.3	A
BBT40-SLRB6-155-M42	155	42	31	56	18	4	14	6	18.4	32	46	1.6	B
BBT40-SLRB6-180-M67	180	67	31	56	18	4	14	6	21	32	46	1.7	B
BBT40-SLSA8-95-M42	95	42	27	-	24	1.5	11	8	15.4	25	-	1	A
BBT40-SLSA8-120-M67	120	67	27	-	24	1.5	11	8	18	32	-	1.4	A
BBT40-SLSA8-150-M97	150	97	27	-	24	1.5	11	8	21.2	32	-	1.1	A
BBT40-SLSA8-125-M42	125	42	57	-	24	1.5	11	8	15.4	25	-	1.2	A
BBT40-SLSA8-150-M67	150	67	57	-	24	1.5	11	8	18	32	-	1.3	A
BBT40-SLSA8-180-M97	180	97	57	-	24	1.5	11	8	21.2	32	-	1.3	A
BBT40-SLSA8-155-M42	155	42	34	53	24	1.5	11	8	15.4	25	39	1.4	B
BBT40-SLSA8-180-M67	180	67	31	56	24	1.5	11	8	18	32	46	1.6	B
BBT40-SLSA8-210-M97	210	97	29	58	24	1.5	11	8	21.2	36	50	1.9	B
BBT40-SLSB8-95-M42	95	42	27	-	24	2.5	13	8	17.4	32	-	1.1	A
BBT40-SLSB8-120-M67	120	67	27	-	24	2.5	13	8	20	32	-	1.1	A
BBT40-SLSB8-150-M97	150	97	27	-	24	2.5	13	8	23.2	32	-	1.2	A
BBT40-SLSB8-180-M127	180	127	27	-	24	2.5	13	8	26.3	32	-	1.3	A
BBT40-SLSB8-210-M157	210	157	27	-	24	2.5	13	8	29.5	36	-	1.3	A
BBT40-SLSB8-125-M42	125	42	57	-	24	2.5	13	8	17.4	36	-	1.3	A
BBT40-SLSB8-150-M67	150	67	57	-	24	2.5	13	8	20	32	-	1.4	A
BBT40-SLSB8-180-M97	180	97	57	-	24	2.5	13	8	23.2	32	-	1.4	A
BBT40-SLSB8-210-M127	210	127	57	-	24	2.5	13	8	26.3	36	-	1.5	A
BBT40-SLSB8-240-M157	240	157	57	-	24	2.5	13	8	29.5	42	-	1.6	A
BBT40-SLSB8-155-M42	155	42	31	56	24	2.5	13	8	17.4	32	46	1.7	B
BBT40-SLSB8-180-M67	180	67	31	56	24	2.5	13	8	20	32	46	1.7	B
BBT40-SLSB8-210-M97	210	97	31	56	24	2.5	13	8	23.2	32	46	1.7	B
BBT40-SLSB8-240-M127	240	127	31	56	24	2.5	13	8	26.3	32	46	1.8	B
BBT40-SLSB8-270-M157	270	157	29	58	24	2.5	13	8	29.5	42	53	2.2	B
BBT40-SLRB8-95-M42	95	42	27	-	24	5	18	8	22.4	32	-	1.1	A
BBT40-SLRB8-120-M67	120	67	27	-	24	5	18	8	25	32	-	1.2	A
BBT40-SLRB8-125-M42	125	42	57	-	24	5	18	8	22.4	32	-	1.3	A
BBT40-SLRB8-150-M67	150	67	57	-	24	5	18	8	25	32	-	1.4	A
BBT40-SLRB8-155-M42	155	42	31	56	24	5	18	8	22.4	32	46	1.7	B
BBT40-SLRB8-180-M67	180	67	31	56	24	5	18	8	25	32	46	1.8	B

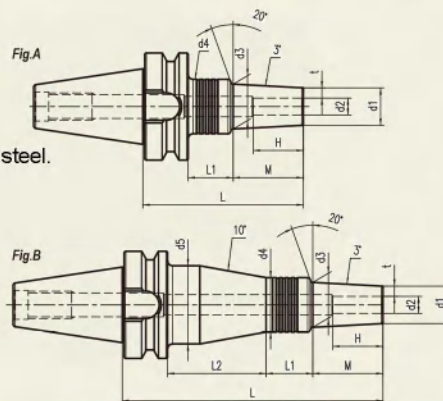
热缩刀柄/SHRINK FIT CHUCKS (3°)

JIS B 6339 BT/BBT



FEATURES:

- Total runout: 0.003 (3×d)
- Heat-expandable part: heat-resistant stainless steel.
- Max heat resistance: 720C° Min: 430C°
- Roundness & Straightness: 0.001mm each.
- Standard dynamic balance: G2.5/25000rpm



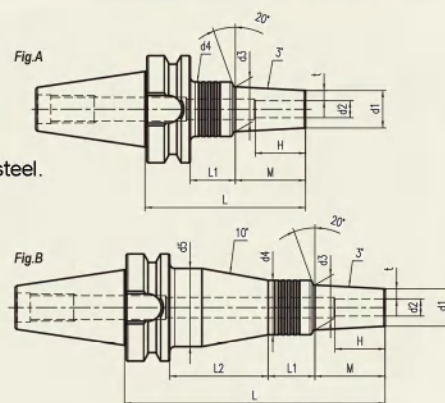
型号 MODEL JIS B 6339	尺寸SIZE (mm)													Kg	Fig
	L	M	L1	L2	H	t	d1	d2	d3	d4	d5				
BBT40-SLSA10-95-M42	95	42	27	-	30	1.5	13	10	17.4	25	-	1	A		
BBT40-SLSA10-120-M67	120	67	27	-	30	1.5	13	10	20	32	-	1.1	A		
BBT40-SLSA10-150-M97	150	97	27	-	30	1.5	13	10	23.2	32	-	1.1	A		
BBT40-SLSA10-125-M42	125	42	57	-	30	1.5	13	10	17.4	25	-	1.2	A		
BBT40-SLSA10-150-M67	150	67	57	-	30	1.5	13	10	20	32	-	1.3	A		
BBT40-SLSA10-180-M97	180	97	57	-	30	1.5	13	10	23.2	32	-	1.3	A		
BBT40-SLSA10-155-M42	155	42	34	53	30	1.5	13	10	17.4	25	39	1.4	B		
BBT40-SLSA10-180-M67	180	67	29	58	30	1.5	13	10	20	36	50	1.7	B		
BBT40-SLSA10-210-M97	210	97	31	56	30	1.5	13	10	23.2	32	46	1.8	B		
BBT40-SLSB10-95-M42	95	42	27	-	30	3	16	10	20.4	32	-	1.1	A		
BBT40-SLSB10-120-M67	120	67	27	-	30	3	16	10	23	32	-	1.2	A		
BBT40-SLSB10-150-M97	150	97	27	-	30	3	16	10	26.2	32	-	1.3	A		
BBT40-SLSB10-180-M127	180	127	27	-	30	3	16	10	29.3	42	-	1.3	A		
BBT40-SLSB10-210-M157	210	157	27	-	30	3	16	10	32.5	42	-	1.3	A		
BBT40-SLSB10-125-M42	125	42	57	-	30	3	16	10	20.4	32	-	1.4	A		
BBT40-SLSB10-150-M67	150	67	57	-	30	3	16	10	23	32	-	1.4	A		
BBT40-SLSB10-180-M97	180	97	57	-	30	3	16	10	26.2	32	-	1.5	A		
BBT40-SLSB10-210-M127	210	127	57	-	30	3	16	10	29.3	42	-	1.6	A		
BBT40-SLSB10-240-M157	240	157	57	-	30	3	16	10	32.5	50	-	1.6	A		
BBT40-SLSB10-155-M42	155	42	31	56	30	3	16	10	20.4	32	46	1.7	B		
BBT40-SLSB10-180-M67	180	67	31	56	30	3	16	10	23	32	46	1.8	B		
BBT40-SLSB10-210-M97	210	97	31	56	30	3	16	10	26.2	32	46	1.8	B		
BBT40-SLSB10-240-M127	240	127	87	-	30	3	16	10	29.3	50	-	2.1	A		
BBT40-SLSB10-270-M157	270	157	29	58	30	3	16	10	32.5	42	53	2.3	B		
BBT40-SLRB10-95-M42	95	42	27	-	30	6	22	10	26.4	32	-	1.2	A		
BBT40-SLRB10-120-M67	120	67	27	-	30	6	22	10	29	42	-	1.3	A		
BBT40-SLRB10-125-M42	125	42	57	-	30	6	22	10	26.4	32	-	1.3	A		
BBT40-SLRB10-150-M67	150	67	57	-	30	6	22	10	29	42	-	1.5	A		
BBT40-SLRB10-155-M42	155	42	31	56	30	6	22	10	26.4	32	46	1.7	B		
BBT40-SLRB10-180-M67	180	67	29	58	30	6	22	10	29	42	53	2.1	B		
BBT40-SLSA12-95-M42	95	42	27	-	30	1.5	15	12	19.4	32	-	1.1	A		
BBT40-SLSA12-120-M67	120	67	27	-	30	1.5	15	12	22	32	-	1.1	A		
BBT40-SLSA12-150-M97	150	97	27	-	30	1.5	15	12	25.2	32	-	1.2	A		
BBT40-SLSA12-125-M42	125	42	57	-	30	1.5	15	12	19.4	32	-	1.2	A		
BBT40-SLSA12-150-M67	150	67	57	-	30	1.5	15	12	22	36	-	1.4	A		
BBT40-SLSA12-180-M97	180	97	57	-	30	1.5	15	12	25.2	32	-	1.4	A		
BBT40-SLSA12-155-M42	155	42	31	56	30	1.5	15	12	19.4	32	46	1.6	B		
BBT40-SLSA12-180-M67	180	67	31	56	30	1.5	15	12	22	32	46	1.7	B		
BBT40-SLSA12-210-M97	210	97	31	56	30	1.5	15	12	25.2	32	46	1.7	B		
BBT40-SLSB12-95-M42	95	42	27	-	30	3.5	19	12	23.4	32	-	1.1	A		
BBT40-SLSB12-120-M67	120	67	27	-	30	3.5	19	12	26	32	-	1.2	A		
BBT40-SLSB12-150-M97	150	97	27	-	30	3.5	19	12	29.2	42	-	1.3	A		
BBT40-SLSB12-180-M127	180	127	27	-	30	3.5	19	12	32.3	42	-	1.3	A		
BBT40-SLSB12-210-M157	210	157	27	-	30	3.5	19	12	35.5	42	-	1.3	A		
BBT40-SLSB12-125-M42	125	42	57	-	30	3.5	19	12	23.4	32	-	1.5	A		
BBT40-SLSB12-150-M67	95	42	27	-	30	3.5	19	12	26	32	-	1.7	A		
BBT40-SLSB12-180-M97	180	97	57	-	30	3.5	19	12	29.2	50	-	1.7	A		
BBT40-SLSB12-210-M127	210	127	57	-	30	3.5	19	12	32.3	50	-	1.7	A		
BBT40-SLSB12-240-M157	240	157	57	-	30	3.5	19	12	35.5	42	-	1.9	A		
BBT40-SLSB12-155-M42	155	42	31	56	30	3.5	19	12	23.4	32	46	1.9	B		
BBT40-SLSB12-180-M67	180	67	29	58	30	3.5	19	12	26	36	50	1.9	B		

热缩刀柄/SHRINK FIT CHUCKS (3°) JIS B 6339 BT/BBT



FEATURES:

- Total runout: 0.003 (3×d)
- Heat-expandable part: heat-resistant stainless steel.
- Max heat resistance: 720C° Min: 430C°
- Roundness & Straightness: 0.001 mm each.
- Standard dynamic balance: G2.5/25000rpm



型号 MODEL JIS B 6339	尺寸SIZE (mm)													Kg	Fig
	L	M	L1	L2	H	t	d1	d2	d3	d4	d5				
BBT40-SLSB12-210-M97	210	97	29	58	30	3.5	19	12	29.2	42	53	2.1	B		
BBT40-SLSB12-240-M127	240	127	87	-	30	3.5	19	12	32.3	50	-	2.2	A		
BBT40-SLSB12-270-M157	270	157	29	58	30	3.5	19	12	35.5	42	53	2.4	B		
BBT40-SLRB12-95-M42	95	42	27	-	30	7	26	12	30.4	42	-	1.2	A		
BBT40-SLRB12-120-M67	120	67	27	-	30	7	26	12	33	42	-	1.4	A		
BBT40-SLRB12-125-M42	125	42	57	-	30	7	26	12	30.4	42	-	1.5	A		
BBT40-SLRB12-150-M67	150	67	57	-	30	7	26	12	33	42	-	1.6	A		
BBT40-SLRB12-155-M42	155	42	29	58	30	7	26	12	30.4	42	53	2	B		
BBT40-SLRB12-180-M67	180	67	29	58	30	7	26	12	33	42	53	2.1	B		
BBT40-SLSB16-95-M42	95	42	27	-	32	4	24	16	28.4	42	-	1.2	A		
BBT40-SLSB16-120-M67	120	67	27	-	32	4	24	16	31	42	-	1.3	A		
BBT40-SLSB16-150-M97	150	97	27	-	32	4	24	16	34.2	42	-	1.4	A		
BBT40-SLSB16-180-M127	180	127	27	-	32	4	24	16	37.3	53	-	1.4	A		
BBT40-SLSB16-210-M157	210	157	27	-	32	4	24	16	40.5	53	-	1.5	A		
BBT40-SLSB16-125-M42	125	42	57	-	32	4	24	16	28.4	42	-	1.7	A		
BBT40-SLSB16-150-M67	150	67	57	-	32	4	24	16	31	42	-	1.7	A		
BBT40-SLSB16-180-M97	180	97	57	-	32	4	24	16	34.2	42	-	1.9	A		
BBT40-SLSB16-210-M127	210	127	57	-	32	4	24	16	37.3	50	-	1.9	A		
BBT40-SLSB16-240-M157	240	157	57	-	32	4	24	16	40.5	50	-	2	A		
BBT40-SLSB16-155-M42	155	42	29	58	32	4	24	16	28.4	42	53	2	B		
BBT40-SLSB16-180-M67	180	67	29	58	32	4	24	16	31	42	53	2.1	B		
BBT40-SLSB16-210-M97	210	97	87	-	32	4	24	16	34.2	50	-	2.2	A		
BBT40-SLSB16-240-M127	240	127	87	-	32	4	24	16	37.3	53	-	2.5	A		
BBT40-SLSB16-270-M157	270	157	87	-	32	4	24	16	40.5	53	-	2.7	A		
BBT40-SLRB16-95-M42	95	42	27	-	32	8	32	16	36.4	42	-	1.3	A		
BBT40-SLRB16-120-M67	120	67	27	-	32	8	32	16	39	42	-	1.5	A		
BBT40-SLRB16-125-M42	125	42	57	-	32	8	32	16	36.4	42	-	1.6	A		
BBT40-SLRB16-150-M67	150	67	57	-	32	8	32	16	39	42	-	1.7	A		
BBT40-SLRB16-155-M42	155	42	29	58	32	8	32	16	36.4	42	53	2.1	B		
BBT40-SLRB16-180-M67	180	67	29	58	32	8	32	16	39	42	53	2.3	B		
BBT40-SLSB20-95-M42	95	42	27	-	40	4.5	29	20	33.4	42	-	1.2	A		
BBT40-SLSB20-120-M67	120	67	27	-	40	4.5	29	20	36	42	-	1.3	A		
BBT40-SLSB20-150-M97	150	97	27	-	40	4.5	29	20	39.2	53	-	1.5	A		
BBT40-SLSB20-180-M127	180	127	27	-	40	4.5	29	20	42.3	53	-	1.6	A		
BBT40-SLSB20-210-M157	210	157	27	-	40	4.5	29	20	45.5	50	-	1.6	A		
BBT40-SLSB20-125-M42	125	42	57	-	40	4.5	29	20	33.4	42	-	1.8	A		
BBT40-SLSB20-150-M67	150	67	57	-	40	4.5	29	20	36	42	-	1.9	A		
BBT40-SLSB20-180-M97	180	97	57	-	40	4.5	29	20	39.2	50	-	2	A		
BBT40-SLSB20-210-M127	210	127	57	-	40	4.5	29	20	42.3	50	-	2	A		
BBT40-SLSB20-240-M157	240	157	57	-	40	4.5	29	20	45.5	50	-	2	A		
BBT40-SLSB20-155-M42	155	42	29	58	40	4.5	29	20	33.4	42	53	2.1	B		
BBT40-SLSB20-180-M67	180	67	87	-	40	4.5	29	20	36	50	-	2.4	A		
BBT40-SLSB20-210-M97	210	97	87	-	40	4.5	29	20	39.2	53	-	2.4	A		
BBT40-SLSB20-240-M127	240	127	87	-	40	4.5	29	20	42.3	50	-	2.4	A		
BBT40-SLSB20-270-M157	270	157	87	-	40	4.5	29	20	45.5	50	-	2.7	A		
BBT40-SLRB20-95-M42	95	42	27	-	40	9	38	20	42.4	53	-	1.5	A		
BBT40-SLRB20-120-M67	120	67	27	-	40	9	38	20	45	53	-	1.7	A		
BBT40-SLRB20-125-M42	125	42	57	-	40	9	38	20	42.4	53	-	1.9	A		
BBT40-SLRB20-150-M67	150	67	57	-	40	9	38	20	45	50	-	2	A		
BBT40-SLRB20-155-M42	155	42	87	-	40	9	38	20	42.4	53	-	2.2	A		
BBT40-SLRB20-180-M67	180	67	87	-	40	9	38	20	45	50	-	2.3	A		
BBT40-SLRB25-95-M42	95	42	27	-	45	10	45	25	49.4	53	-	1.5	A		
BBT40-SLRB25-125-M42	125	42	57	-	45	10	45	25	49.4	53	-	1.9	A		
BBT40-SLRB25-155-M42	155	42	87	-	45	10	45	25	49.4	53	-	2.3	A		

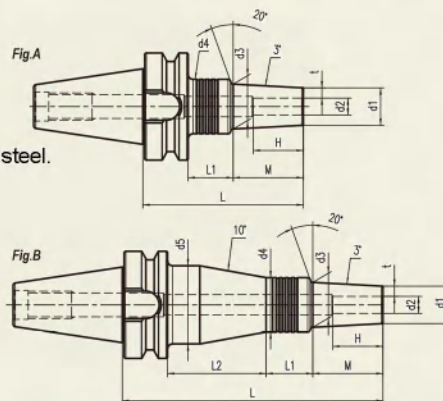
热缩刀柄/SHRINK FIT CHUCKS (3°)

JIS B 6339 BT/BBT



FEATURES:

- Total runout: 0.003 (3×d)
- Heat-expandable part: heat-resistant stainless steel.
- Max heat resistance: 720C° Min: 430C°
- Roundness & Straightness: 0.001mm each.
- Standard dynamic balance: G2.5/25000rpm



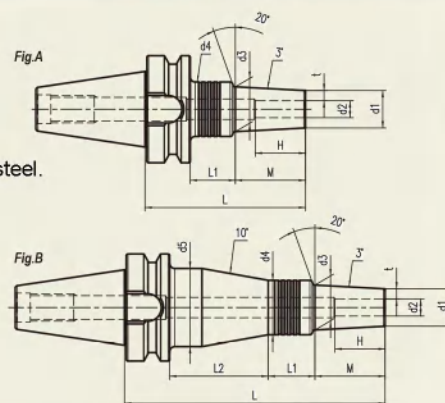
型号 MODEL	尺寸SIZE (mm)													Kg	Fig
JIS B 6339	L	M	L1	L2	H	t	d1	d2	d3	d4	d5				
BBT50-SLSA3-110-M42	110	42	31.5	-		9	1.5	6	3	10.4	25	-	3.6	A	
BBT50-SLSA3-135-M67	135	67	31.5	-		9	1.5	6	3	13	25	-	3.6	A	
BBT50-SLSA3-165-M97	165	97	31.5	-		9	1.5	6	3	16.2	26	-	3.7	A	
BBT50-SLSA3-140-M42	140	42	61.5	-		9	1.5	6	3	10.4	25	-	3.7	A	
BBT50-SLSA3-165-M67	165	67	61.5	-		9	1.5	6	3	13	25	-	3.7	A	
BBT50-SLSA3-195-M97	195	97	61.5	-		9	1.5	6	3	16.2	26	-	3.8	A	
BBT50-SLSA3-170-M42	170	42	34.5	57		9	1.5	6	3	10.4	26	40	4.1	B	
BBT50-SLSA3-195-M67	195	67	34.5	57		9	1.5	6	3	13	26	40	4.1	B	
BBT50-SLSA3-225-M97	225	97	34.5	57		9	1.5	6	3	16.2	26	40	4.1	B	
BBT50-SLRA3-110-M42	110	42	31.5	-		9	2.25	7.5	3	11.9	26	-	3.7	A	
BBT50-SLRA3-135-M67	135	67	31.5	-		9	2.25	7.5	3	14.5	26	-	3.7	A	
BBT50-SLRA3-165-M97	165	97	31.5	-		9	2.25	7.5	3	17.7	26	-	3.7	A	
BBT50-SLRA3-195-M127	195	127	31.5	-		9	2.25	7.5	3	20.8	32	-	3.8	A	
BBT50-SLRA3-140-M42	140	42	61.5	-		9	2.25	7.5	3	11.9	26	-	3.8	A	
BBT50-SLRA3-165-M67	165	67	61.5	-		9	2.25	7.5	3	14.5	25	-	3.8	A	
BBT50-SLRA3-195-M97	195	97	61.5	-		9	2.25	7.5	3	17.7	26	-	3.8	A	
BBT50-SLRA3-225-M127	225	127	61.5	-		9	2.25	7.5	3	20.8	36	-	4.1	A	
BBT50-SLRA3-170-M42	170	42	34.5	57		9	2.25	7.5	3	11.9	26	40	4.1	B	
BBT50-SLRA3-195-M67	195	67	34.5	57		9	2.25	7.5	3	14.5	26	40	4.1	B	
BBT50-SLRA3-225-M97	225	97	34.5	57		9	2.25	7.5	3	17.7	25	39	4.1	B	
BBT50-SLRA3-255-M127	255	127	31.5	60		9	2.25	7.5	3	20.8	32	46	4.4	B	
BBT50-SLSA4-110-M42	110	42	31.5	-		12	1.5	7	4	11.4	25	-	3.6	A	
BBT50-SLSA4-135-M67	135	67	31.5	-		12	1.5	7	4	14	25	-	3.6	A	
BBT50-SLSA4-165-M97	165	97	31.5	-		12	1.5	7	4	17.2	25	-	3.7	A	
BBT50-SLSA4-140-M42	140	42	61.5	-		12	1.5	7	4	11.4	25	-	3.7	A	
BBT50-SLSA4-165-M67	165	67	61.5	-		12	1.5	7	4	14	25	-	3.7	A	
BBT50-SLSA4-195-M97	195	97	61.5	-		12	1.5	7	4	17.2	26	-	3	A	
BBT50-SLSA4-170-M42	170	42	34.5	57		12	1.5	7	4	11.4	25	39	4	B	
BBT50-SLSA4-195-M67	195	67	34.5	57		12	1.5	7	4	14	25	39	4	B	
BBT50-SLSA4-225-M97	225	97	34.5	57		12	1.5	7	4	17.2	25	39	4.1	B	
BBT50-SLRA4-110-M42	110	42	31.5	-		12	3	10	4	14.4	25	-	3.6	A	
BBT50-SLRA4-135-M67	135	67	31.5	-		12	3	10	4	17	25	-	3.7	A	
BBT50-SLRA4-165-M97	165	97	31.5	-		12	3	10	4	20.2	25	-	3.7	A	
BBT50-SLRA4-195-M127	195	127	31.5	-		12	3	10	4	23.3	32	-	3.8	A	
BBT50-SLRA4-140-M42	140	42	61.5	-		12	3	10	4	14.4	25	-	3.7	A	
BBT50-SLRA4-165-M67	165	67	61.5	-		12	3	10	4	17	25	-	3.8	A	
BBT50-SLRA4-195-M97	195	97	61.5	-		12	3	10	4	20.2	25	-	3.8	A	
BBT50-SLRA4-225-M127	225	127	61.5	-		12	3	10	4	23.3	32	-	4.4	A	
BBT50-SLRA4-170-M42	170	42	34.5	57		12	3	10	4	14.4	25	39	4	B	
BBT50-SLRA4-195-M67	195	67	34.5	57		12	3	10	4	17	25	39	4.1	B	
BBT50-SLRA4-225-M97	225	97	31.5	60		12	3	10	4	20.2	25	39	4.1	B	
BBT50-SLRA4-225-M127	255	127	31.5	60		12	3	10	4	23.3	32	46	4.4	B	
BBT50-SLSA6-110-M42	110	42	31.5	-		18	1.5	9	6	13.4	25	-	3.6	A	
BBT50-SLSA6-135-M67	135	67	31.5	-		18	1.5	9	6	16	25	-	3.7	A	
BBT50-SLSA6-165-M97	165	97	31.5	-		18	1.5	9	6	19.2	32	-	3.7	A	
BBT50-SLSA6-140-M42	140	42	61.5	-		18	1.5	9	6	13.4	25	-	3.7	A	
BBT50-SLSA6-165-M67	165	67	61.5	-		18	1.5	9	6	16	25	-	3.8	A	
BBT50-SLSA6-195-M97	195	97	61.5	-		18	1.5	9	6	19.2	35	-	3.9	A	
BBT50-SLSA6-170-M42	170	42	34.5	57		18	1.5	9	6	13.4	26	40	4	B	
BBT50-SLSA6-195-M67	195	67	34.5	57		18	1.5	9	6	16	25	39	4.1	B	
BBT50-SLSA6-225-M97	225	97	31.5	60		18	1.5	9	6	19.2	32	46	4.3	B	

热缩刀柄/SHRINK FIT CHUCKS (3°) JIS B 6339 BT/BBT



FEATURES:

- Total runout: 0.003 (3×d)
- Heat-expandable part: heat-resistant stainless steel.
- Max heat resistance: 720C° Min: 430C°
- Roundness & Straightness: 0.001 mm each.
- Standard dynamic balance: G2.5/25000rpm



型号 MODEL JIS B 6339	尺寸SIZE (mm)												
	L	M	L1	L2	H	t	d1	d2	d3	d4	d5	Kg	Fig
BBT50-SLSB6-110-M42	110	42	31.5	-	18	2	10	6	14.4	25	-	3.6	A
BBT50-SLSB6-135-M67	135	67	31.5	-	18	2	10	6	17	25	-	3.7	A
BBT50-SLSB6-165-M97	165	97	31.5	-	18	2	10	6	20.2	32	-	3.7	A
BBT50-SLSB6-195-M127	195	127	31.5	-	18	2	10	6	23.3	32	-	3.8	A
BBT50-SLSB6-225-M157	225	157	31.5	-	18	2	10	6	26.5	32	-	3.8	A
BBT50-SLSB6-140-M42	140	42	61.5	-	18	2	10	6	14.4	25	-	3.8	A
BBT50-SLSB6-165-M67	165	67	61.5	-	18	2	10	6	17	25	-	3.9	A
BBT50-SLSB6-195-M97	195	97	61.5	-	18	2	10	6	20.2	32	-	3.9	A
BBT50-SLSB6-225-M127	225	127	61.5	-	18	2	10	6	23.3	32	-	4	A
BBT50-SLSB6-255-M157	255	157	61.5	-	18	2	10	6	26.5	32	-	4	A
BBT50-SLSB6-170-M42	170	42	34.5	57	18	2	10	6	14.4	25	39	4.1	B
BBT50-SLSB6-195-M67	195	67	34.5	57	18	2	10	6	17	25	39	4.1	B
BBT50-SLSB6-225-M97	225	97	31.5	60	18	2	10	6	20.2	32	46	4.3	B
BBT50-SLSB6-255-M127	255	127	31.5	60	18	2	10	6	23.3	32	46	4.4	B
BBT50-SLSB6-285-M157	285	157	31.5	60	18	2	10	6	26.5	32	46	4.5	B
BBT50-SLRB6-110-M42	110	42	31.5	-	18	4	14	6	18.4	32	-	3.7	A
BBT50-SLRB6-135-M67	135	67	31.5	-	18	4	14	6	21	32	-	3.8	A
BBT50-SLRB6-140-M42	140	42	61.5	-	18	4	14	6	18.4	32	-	3.9	A
BBT50-SLRB6-165-M67	165	67	61.5	-	18	4	14	6	21	32	-	3.9	A
BBT50-SLRB6-170-M42	170	42	31.5	60	18	4	14	6	18.4	32	46	4.3	B
BBT50-SLRB6-195-M67	195	67	31.5	60	18	4	14	6	21	32	46	4.3	B
BBT50-SLSA8-110-M42	110	42	31.5	-	24	1.5	11	8	15.4	25	-	3.6	A
BBT50-SLSA8-135-M67	135	67	31.5	-	24	1.5	11	8	18	32	-	3.7	A
BBT50-SLSA8-165-M97	165	97	31.5	-	24	1.5	11	8	21.2	32	-	3.7	A
BBT50-SLSA8-140-M42	140	42	61.5	-	24	1.5	11	8	15.4	25	-	3.8	A
BBT50-SLSA8-165-M67	165	67	61.5	-	24	1.5	11	8	18	32	-	3.9	A
BBT50-SLSA8-195-M97	195	97	61.5	-	24	1.5	11	8	21.2	32	-	3.9	A
BBT50-SLSA8-170-M42	170	42	34.5	57	24	1.5	11	8	15.4	25	39	4	B
BBT50-SLSA8-195-M67	195	67	31.5	60	24	1.5	11	8	18	32	46	4.3	B
BBT50-SLSA8-225-M97	225	97	29.5	62	24	1.5	11	8	21.2	36	50	4.5	B
BBT50-SLSB8-110-M42	110	42	31.5	-	24	2.5	13	8	17.4	32	-	3.7	A
BBT50-SLSB8-135-M67	135	67	31.5	-	24	2.5	13	8	20	32	-	3.7	A
BBT50-SLSB8-165-M97	165	97	31.5	-	24	2.5	13	8	23.2	32	-	3.8	A
BBT50-SLSB8-195-M127	195	127	31.5	-	24	2.5	13	8	26.3	32	-	3.8	A
BBT50-SLSB8-225-M157	225	157	31.5	-	24	2.5	13	8	29.5	42	-	3.9	A
BBT50-SLSB8-140-M42	140	42	61.5	-	24	2.5	13	8	17.4	32	-	3.9	A
BBT50-SLSB8-165-M67	165	67	61.5	-	24	2.5	13	8	20	32	-	4	A
BBT50-SLSB8-195-M97	195	97	61.5	-	24	2.5	13	8	23.2	32	-	4	A
BBT50-SLSB8-225-M127	225	127	61.5	-	24	2.5	13	8	26.3	32	-	4	A
BBT50-SLSB8-255-M157	255	157	61.5	-	24	2.5	13	8	29.5	42	-	4.3	A
BBT50-SLSB8-170-M42	170	42	31.5	60	24	2.5	13	8	17.4	32	46	4.3	B
BBT50-SLSB8-195-M67	195	67	31.5	60	24	2.5	13	8	20	32	46	4.3	B
BBT50-SLSB8-225-M97	225	97	31.5	60	24	2.5	13	8	23.2	32	46	4.4	B
BBT50-SLSB8-255-M127	255	127	31.5	60	24	2.5	13	8	26.3	32	46	4.5	B
BBT50-SLSB8-285-M157	285	157	29.5	62	24	2.5	13	8	29.5	42	56	4.9	B
BBT50-SLRB8-110-M42	110	42	31.5	-	24	5	18	8	22.4	32	-	3.7	A
BBT50-SLRB8-135-M67	135	67	31.5	-	24	5	18	8	25	32	-	3.8	A
BBT50-SLRB8-140-M42	140	42	61.5	-	24	5	18	8	22.4	32	-	3.9	A
BBT50-SLRB8-165-M67	165	67	61.5	-	24	5	18	8	25	32	-	4	A
BBT50-SLRB8-170-M42	170	42	29.5	62	24	5	18	8	22.4	36	50	4.5	B
BBT50-SLRB8-195-M67	195	67	31.5	60	24	5	18	8	25	32	46	4.4	B

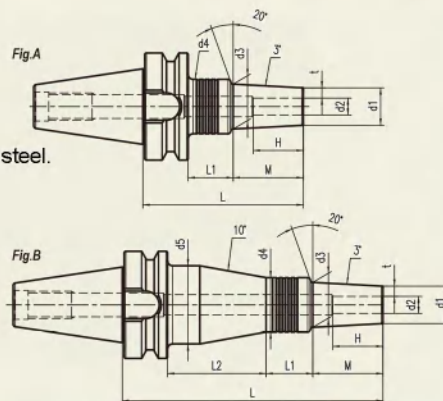
热缩刀柄/SHRINK FIT CHUCKS (3°)

JIS B 6339 BT/BBT



FEATURES:

- Total runout: 0.003 (3×d)
- Heat-expandable part: heat-resistant stainless steel.
- Max heat resistance: 720C° Min: 430C°
- Roundness & Straightness: 0.001mm each.
- Standard dynamic balance: G2.5/25000rpm



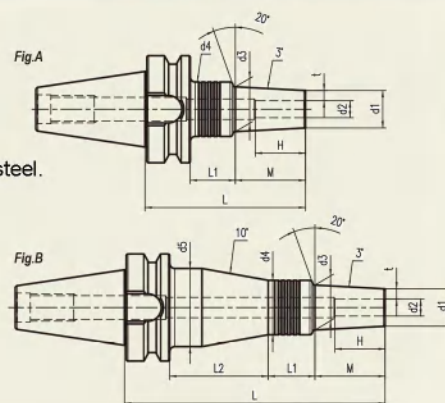
型号 MODEL	尺寸SIZE													
	(mm)													
	JIS B 6339	L	M	L1	L2	H	t	d1	d2	d3	d4	d5	Kg	Fig
BBT50-SLSA10-110-M42	110	42	31.5	—	30	1.5	13	10	17.4	25	—	3.6	A	
BBT50-SLSA10-135-M67	135	67	31.5	—	30	1.5	13	10	20	32	—	3.7	A	
BBT50-SLSA10-165-M97	165	97	31.5	—	30	1.5	13	10	23.2	32	—	3.7	A	
BBT50-SLSA10-140-M42	140	42	61.5	—	30	1.5	13	10	17.4	25	—	3.8	A	
BBT50-SLSA10-165-M67	165	67	61.5	—	30	1.5	13	10	20	32	—	3.9	A	
BBT50-SLSA10-195-M97	195	97	61.5	—	30	1.5	13	10	23.2	32	—	3.9	A	
BBT50-SLSA10-170-M42	170	42	34.5	57	30	1.5	13	10	17.4	25	39	4	B	
BBT50-SLSA10-195-M67	195	67	31.5	60	30	1.5	13	10	20	32	46	4.3	B	
BBT50-SLSA10-225-M97	225	97	31.5	60	30	1.5	13	10	23.2	32	46	4.4	B	
BBT50-SLSB10-110-M42	110	42	31.5	—	30	3	16	10	20.4	32	—	3.7	A	
BBT50-SLSB10-135-M67	135	67	31.5	—	30	3	16	10	23	32	—	3.8	A	
BBT50-SLSB10-165-M97	165	97	31.5	—	30	3	16	10	26.2	32	—	3.9	A	
BBT50-SLSB10-195-M127	195	127	31.5	—	30	3	16	10	29.3	42	—	3.9	A	
BBT50-SLSB10-225-M157	225	157	31.5	—	30	3	16	10	32.5	42	—	3.9	A	
BBT50-SLSB10-140-M42	140	42	61.5	—	30	3	16	10	20.4	32	—	4	A	
BBT50-SLSB10-165-M67	165	67	61.5	—	30	3	16	10	23	32	—	4	A	
BBT50-SLSB10-195-M97	195	97	61.5	—	30	3	16	10	26.2	32	—	4.1	A	
BBT50-SLSB10-225-M127	225	127	61.5	—	30	3	16	10	29.3	42	—	4.2	A	
BBT50-SLSB10-255-M157	255	157	61.5	—	30	3	16	10	32.5	42	—	4.3	A	
BBT50-SLSB10-170-M42	170	42	31.5	60	30	3	16	10	20.4	32	46	4.3	B	
BBT50-SLSB10-195-M67	195	67	31.5	60	30	3	16	10	23	32	46	4.4	B	
BBT50-SLSB10-225-M97	225	97	31.5	60	30	3	16	10	26.2	32	46	4.4	B	
BBT50-SLSB10-255-M127	255	127	29.5	62	30	3	16	10	29.3	42	56	4.8	B	
BBT50-SLSB10-285-M157	285	157	29.5	62	30	3	16	10	32.5	42	56	5	B	
BBT50-SLRB10-110-M42	110	42	31.5	—	30	6	22	10	26.4	32	—	3.8	A	
BBT50-SLRB10-135-M67	135	67	31.5	—	30	6	22	10	29	42	—	3.9	A	
BBT50-SLRB10-140-M42	140	42	61.5	—	30	6	22	10	26.4	32	—	3.9	A	
BBT50-SLRB10-165-M67	165	67	61.5	—	30	6	22	10	29	42	—	4.1	A	
BBT50-SLRB10-170-M42	170	42	29.5	62	30	6	22	10	26.4	36	50	4.5	B	
BBT50-SLRB10-195-M67	195	67	29.5	62	30	6	22	10	29	42	56	4.7	B	
BBT50-SLSA12-110-M42	110	42	31.5	—	30	1.5	15	12	19.4	32	—	3.7	A	
BBT50-SLSA12-135-M67	135	67	31.5	—	30	1.5	15	12	22	32	—	3.7	A	
BBT50-SLSA12-165-M97	165	97	31.5	—	30	1.5	15	12	25.2	32	—	3.8	A	
BBT50-SLSA12-140-M42	140	42	61.5	—	30	1.5	15	12	19.4	32	—	3.8	A	
BBT50-SLSA12-165-M67	165	67	61.5	—	30	1.5	15	12	22	32	—	3.9	A	
BBT50-SLSA12-195-M97	195	97	61.5	—	30	1.5	15	12	25.2	32	—	4	A	
BBT50-SLSA12-170-M42	170	42	31.5	60	30	1.5	15	12	19.4	32	46	4.3	B	
BBT50-SLSA12-195-M67	195	67	31.5	60	30	1.5	15	12	22	32	46	4.3	B	
BBT50-SLSA12-225-M97	225	97	31.5	60	30	1.5	15	12	25.2	32	46	4.4	B	
BBT50-SLSB12-110-M42	110	42	31.5	—	30	3.5	19	12	23.4	32	—	3.7	A	
BBT50-SLSB12-135-M67	135	67	31.5	—	30	3.5	19	12	26	32	—	3.8	A	
BBT50-SLSB12-165-M97	165	97	31.5	—	30	3.5	19	12	29.2	42	—	3.9	A	
BBT50-SLSB12-195-M127	195	127	31.5	—	30	3.5	19	12	32.3	42	—	3.9	A	
BBT50-SLSB12-225-M157	225	157	31.5	—	30	3.5	19	12	35.5	42	—	3.9	A	
BBT50-SLSB12-140-M42	140	42	61.5	—	30	3.5	19	12	23.4	32	—	4.1	A	
BBT50-SLSB12-165-M67	165	67	61.5	—	30	3.5	19	12	26	32	—	4.2	A	
BBT50-SLSB12-195-M97	195	97	61.5	—	30	3.5	19	12	29.2	42	—	4.3	A	
BBT50-SLSB12-225-M127	225	127	61.5	—	30	3.5	19	12	32.3	42	—	4.3	A	
BBT50-SLSB12-255-M157	255	157	61.5	—	30	3.5	19	12	35.5	42	—	4.4	A	
BBT50-SLSB12-170-M42	170	42	29.5	62	30	3.5	19	12	23.4	36	50	4.5	B	
BBT50-SLSB12-195-M67	195	67	31.5	60	30	3.5	19	12	26	32	46	4.5	B	

热缩刀柄/SHRINK FIT CHUCKS (3°) JIS B 6339 BT/BBT



FEATURES:

- Total runout: 0.003 (3×d)
- Heat-expandable part: heat-resistant stainless steel.
- Max heat resistance: 720C° Min: 430C°
- Roundness & Straightness: 0.001mm each.
- Standard dynamic balance: G2.5/25000rpm



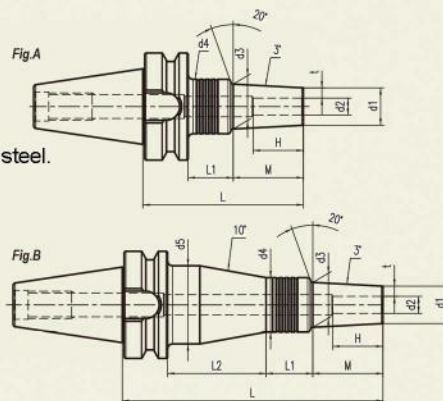
型号 MODEL JIS B 6339	L	M	L1	L2	H	t	d1	d2	d3	d4	d5	Kg	Fig
BBT50-SLSB12-225-M97	225	97	29.5	62	30	3.5	19	12	29.2	42	56	4.8	B
BBT50-SLSB12-255-M127	255	127	29.5	62	30	3.5	19	12	32.3	42	56	4.9	B
BBT50-SLSB12-285-M157	285	157	29.5	62	30	3.5	19	12	35.5	42	56	5.1	B
BBT50-SLRB12-110-M42	110	42	31.5	-	30	7	26	12	30.4	42	-	3.8	A
BBT50-SLRB12-135-M67	135	67	31.5	-	30	7	26	12	33	42	-	4	A
BBT50-SLRB12-140-M42	140	42	61.5	-	30	7	26	12	30.4	42	-	4.1	A
BBT50-SLRB12-165-M67	165	67	61.5	-	30	7	26	12	33	42	-	4.2	A
BBT50-SLRB12-170-M42	170	42	29.5	62	30	7	26	12	30.4	42	56	4.7	B
BBT50-SLRB12-195-M67	195	67	29.5	62	30	7	26	12	33	42	56	4.8	B
BBT50-SLSB16-110-M42	110	42	31.5	-	32	4	24	16	28.4	42	-	3.8	A
BBT50-SLSB16-135-M67	135	67	31.5	-	32	4	24	16	31	42	-	3.9	A
BBT50-SLSB16-165-M97	165	97	31.5	-	32	4	24	16	34.2	42	-	4	A
BBT50-SLSB16-195-M127	195	127	31.5	-	32	4	24	16	37.3	53	-	4	A
BBT50-SLSB16-225-M157	225	157	31.5	-	32	4	24	16	40.5	53	-	4.1	A
BBT50-SLSB16-140-M42	140	42	61.5	-	32	4	24	16	28.4	42	-	4.2	A
BBT50-SLSB16-165-M67	165	67	61.5	-	32	4	24	16	31	42	-	4.3	A
BBT50-SLSB16-195-M97	195	97	61.5	-	32	4	24	16	34.2	42	-	4.4	A
BBT50-SLSB16-225-M127	225	127	61.5	-	32	4	24	16	37.3	53	-	4.6	A
BBT50-SLSB16-255-M157	255	157	61.5	-	32	4	24	16	40.5	53	-	4.6	A
BBT50-SLSB16-170-M42	170	42	29.5	62	32	4	24	16	28.4	42	56	4.7	B
BBT50-SLSB16-195-M67	195	67	29.5	62	32	4	24	16	31	42	56	4.8	B
BBT50-SLSB16-225-M97	225	97	29.5	62	32	4	24	16	34.2	42	56	4.9	B
BBT50-SLSB16-255-M127	255	127	29.5	62	32	4	24	16	37.3	53	67	5.5	B
BBT50-SLSB16-285-M157	285	157	29.5	62	32	4	24	16	40.5	53	67	5.7	B
BBT50-SLRB16-110-M42	110	42	31.5	-	32	8	32	16	36.4	42	-	3.9	A
BBT50-SLRB16-135-M67	135	67	31.5	-	32	8	32	16	39	42	-	4.1	A
BBT50-SLRB16-140-M42	140	42	61.5	-	32	8	32	16	36.4	42	-	4.2	A
BBT50-SLRB16-165-M67	165	67	61.5	-	32	8	32	16	39	42	-	4.3	A
BBT50-SLRB16-170-M42	170	42	29.5	62	32	8	32	16	36.4	42	56	4.8	B
BBT50-SLRB16-195-M67	195	67	29.5	62	32	8	32	16	39	42	56	4.9	B
BBT50-SLSB20-110-M42	110	42	31.5	-	40	4.5	29	20	33.4	42	-	3.8	A
BBT50-SLSB20-135-M67	135	67	31.5	-	40	4.5	29	20	36	42	-	3.9	A
BBT50-SLSB20-165-M97	165	97	31.5	-	40	4.5	29	20	39.2	53	-	4.1	A
BBT50-SLSB20-195-M127	195	127	31.5	-	40	4.5	29	20	42.3	53	-	4.1	A
BBT50-SLSB20-225-M157	225	157	31.5	-	40	4.5	29	20	45.5	53	-	4.2	A
BBT50-SLSB20-140-M42	140	42	61.5	-	40	4.5	29	20	33.4	42	-	4.3	A
BBT50-SLSB20-165-M67	165	67	61.5	-	40	4.5	29	20	36	42	-	4.5	A
BBT50-SLSB20-195-M97	195	97	61.5	-	40	4.5	29	20	39.2	53	-	4.6	A
BBT50-SLSB20-225-M127	225	127	61.5	-	40	4.5	29	20	42.3	53	-	4.7	A
BBT50-SLSB20-255-M157	255	157	61.5	-	40	4.5	29	20	45.5	53	-	4.7	A
BBT50-SLSB20-170-M42	170	42	29.5	62	40	4.5	29	20	33.4	42	56	4.8	B
BBT50-SLSB20-195-M67	195	67	29.5	62	40	4.5	29	20	36	42	56	5	B
BBT50-SLSB20-225-M97	225	97	29.5	62	40	4.5	29	20	39.2	53	67	5.4	B
BBT50-SLSB20-255-M127	255	127	29.5	62	40	4.5	29	20	42.3	53	67	5.6	B
BBT50-SLSB20-285-M157	285	157	29.5	62	40	4.5	29	20	45.5	53	67	5.9	B
BBT50-SLRB20-110-M42	110	42	31.5	-	40	9	38	20	42.4	53	-	4	A
BBT50-SLRB20-135-M67	135	67	31.5	-	40	9	38	20	45	53	-	4.2	A
BBT50-SLRB20-140-M42	140	42	61.5	-	40	9	38	20	42.4	53	-	4.4	A

热缩刀柄/SHRINK FIT CHUCKS (3°) JIS B 6339 BT/BBT



FEATURES:

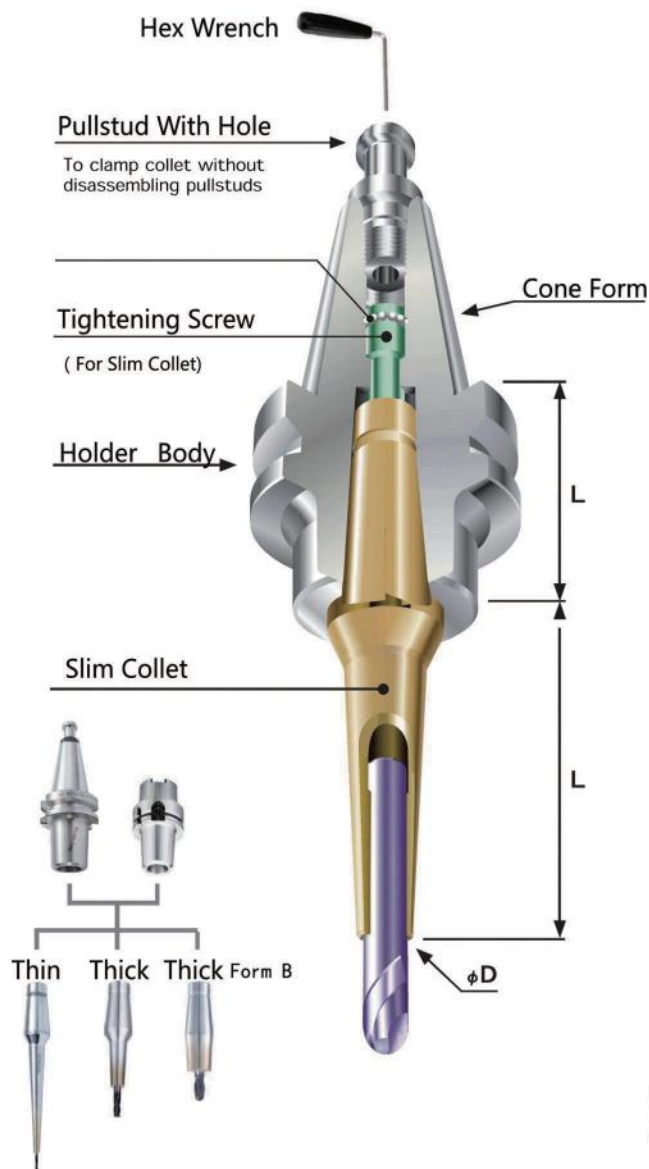
- Total runout: 0.003 (3×d)
- Heat-expandable part: heat-resistant stainless steel.
- Max heat resistance: 720C° Min: 430C°
- Roundness & Straightness: 0.001mm each.
- Standard dynamic balance: G2.5/25000rpm



型号 MODEL	尺寸SIZE (mm)												
JIS B 6339	L	M	L1	L2	H	t	d1	d2	d3	d4	d5	Kg	Fig
BBT50-SLRB20-165-M67	165	67	61.5	—	40	9	38	20	45	53	—	4.6	A
BBT50-SLRB20-170-M42	170	42	29.5	62	40	9	38	20	42.4	53	67	5.3	B
BBT50-SLRB20-195-M67	195	67	29.5	62	40	9	38	20	45	53	67	5.5	B
BBT50-SLRB25-110-M42	110	42	31.5	—	45	10	45	25	49.4	53	—	4.1	A
BBT50-SLRB25-140-M42	140	42	61.5	—	45	10	45	25	49.4	53	—	4.5	A
BBT50-SLRB25-170-M42	170	42	29.5	62	45	10	45	25	49.4	53	67	5.3	B

✧ Please contact our company if you need products of other models or specifications.

SPLIT-TYPE SERIES



BT40 - SLK12 - 45

Cone Slim Form L

Form 12	BT30, BT40, BT50 HSK-A50, A63, A100 HSK-E50, F63 DN40, DN50
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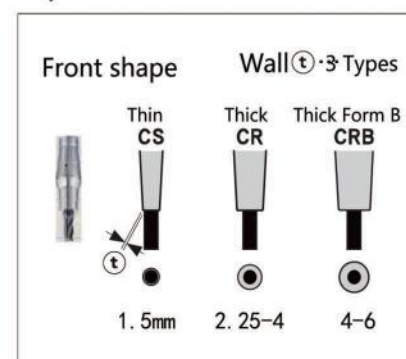
SHRINK FIT CHUCK

Economical Universal Modular Toolholder



CR12 - 4 - 80

Collet type ϕD L

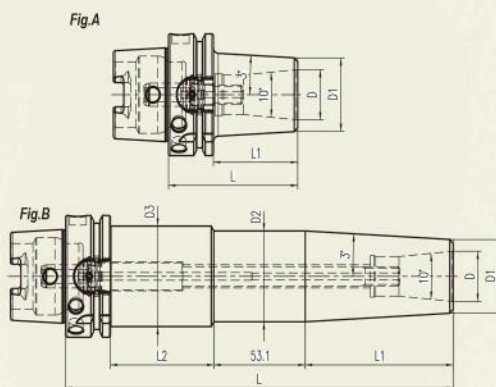


本体 12型/MAIN UNIT 12 TYPE DIN 69893 HSK-A



FEATURES:

- Body Accuracy: 0.003mm
- For clamping stainless steel collets.
- Standard dynamic balance: G2.5/25000rpm
- Pull-back locking.



型号 MODEL		尺寸SIZE (mm)									
DIN 69893		D	D1	D2	D3	L	L1	L2	Kg	N	Fig
HSK63A-SLK12-75	HSK-A63	26	38	-	-	75	49	-	1	5	A
HSK63A-SLK12-135	HSK-A63	26	38	-	-	135	109	-	1.7	8.5	A
HSK63A-SLK12-165	HSK-A63	26	38	47	52	165	86	-	2.2	16.7	B
HSK63A-SLK12-195	HSK-A63	26	38	47	52	195	86	30	2.7	21	B
HSK100A-SLK12-105	HSK-A100	26	38	65	-	43	43	33	3.4	20.7	B

✧ Accessories need to be ordered separately.

✧ N refers to the unbalance value of the tool holder.

✧ Model Selection: SLIMLINE12.

✧ Coolant conduits are not included with HSK-E/F taper shank tool holders.

✧ Please contact our company if you need products of other models or specifications.

附件 ACCESSORIES	SLK12	
SLIMLINE筒夹 12型	CR12型	CS12型

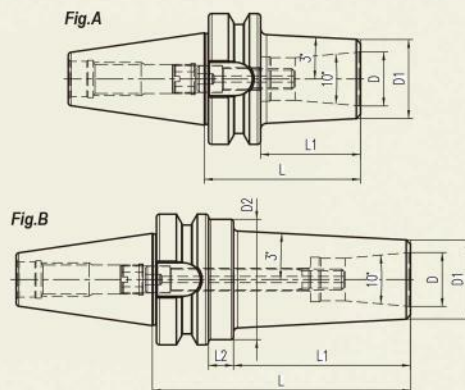
本体 12型/MAIN UNIT 12 TYPE

JIS B 6339 BT



FEATURES:

- Body Accuracy: 0.003mm
- For clamping stainless steel collets.
- Standard dynamic balance: G2.5/25000rpm
- Pull-back locking.



型号 MODEL		尺寸SIZE (mm)								
JIS B 6339		D	D1	D2	L	L1	L2	Kg	N	Fig
BT30-SLK12-35-MAS1	BT30	26	38	—	35	13	—	0.4	1	A
BT30-SLK12-35-MAS2	BT30	26	38	—	35	13	—	0.4	1	A
BT40-SLK12-45	BT40	26	38	—	45	18	—	1.1	1.4	A
BT40-SLK12-75	BT40	26	38	—	75	48	—	1.4	1.6	A
BT40-SLK12-135	BT40	26	38	—	135	57.2	—	—	—	A
BT40-SLK12-165	BT40	26	38	—	165	57.2	—	—	—	A
BT40-SLK12-195	BT40	26	38	—	195	57.2	—	—	—	A
BT50-SLK12-75	BT50	26	38	65	75	25	12	4	4.7	B
BT50-SLK12-135	BT50	26	38	65	135	85	12	—	—	B
BT50-SLK12-165	BT50	26	38	65	165	115	12	—	—	B
BT50-SLK12-195	BT50	26	38	65	195	145	12	—	—	B

✧ Accessories need to be ordered separately.

✧ N refers to the unbalance value of the tool holder.

✧ Model Selection: SLIMLINE12.

✧ Please contact our company if you need products of other models or specifications.

附件 ACCESSORIES	SLK12	
SLIMLINE筒夹 12型	CR12型	CS12型

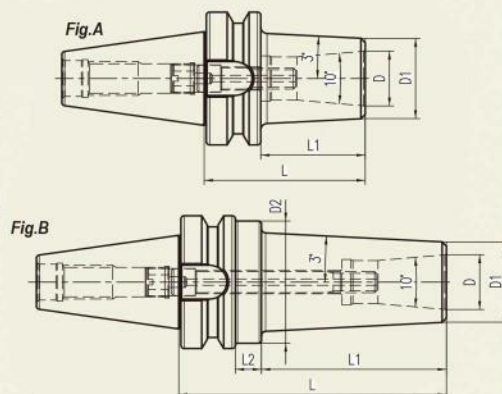
本体 12型/MAIN UNIT 12 TYPE

JIS B 6339 BBT



FEATURES:

- Body Accuracy: 0.003mm
- For clamping stainless steel collets.
- Standard dynamic balance: G2.5/2500rpm
- Pull-back locking.



型号 MODEL		尺寸SIZE (mm)								
JIS B 6339		D	D1	D2	L	L1	L2	Kg	N	Fig
BBT30-SLK12-35-MAS1	BBT30	26	38	-	35	13	-	0.4	1	A
BBT30-SLK12-35-MAS2	BBT30	26	38	-	35	13	-	0.4	1	A
BBT40-SLK12-45	BBT40	26	38	-	45	18	-	1.1	1.4	A
BBT40-SLK12-75	BBT40	26	38	-	75	48	-	1.4	1.6	A
BBT40-SLK12-135	BBT40	26	38	-	135	57.2	-	-	-	A
BBT40-SLK12-165	BBT40	26	38	-	165	57.2	-	-	-	A
BBT40-SLK12-195	BBT40	26	38	-	195	57.2	-	-	-	A
BBT50-SLK12-75	BBT50	26	38	65	75	25	12	4	4.7	B
BBT50-SLK12-135	BBT50	26	38	65	135	85	12	-	-	B
BBT50-SLK12-165	BBT50	26	38	65	165	115	12	-	-	B
BBT50-SLK12-195	BBT50	26	38	65	195	145	12	-	-	B

✧ Accessories need to be ordered separately.

✧ N refers to the unbalance value of the tool holder.

✧ Model Selection: SLIMLINE12.

✧ Please contact our company if you need products of other models or specifications.

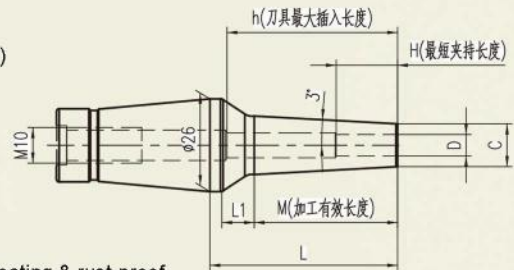
附件 ACCESSORIES	SLK12	
SLIMLINE筒夹 12型	CR12型	CS12型

SLIMLINE12型



FEATURES:

- Clamping runout accuracy: 0.003 mm (3×D)
- Clamping cycle life: ≥2000 times.
- Tool shank tolerance requirement: h6
- For clamping cemented carbide tools.
- Through-spindle coolant design.
- Stainless steel material, low-temperature heating & rust-proof.



型号 MODEL	尺寸SIZE (mm)						
	D	C	L	M	L1	H	h
CR12-04-55	4	10	55	22	9.5	12	80
CR12-04-80	4	10	80	67	9.5	12	105
CR12-04-110	4	10	110	97	9.5	12	135
CR12-06-55	6	12	55	22	9.5	18	80
CR12-06-80	6	12	80	67	9.5	18	105
CR12-06-110	6	12	110	97	9.5	18	135
CR12-08-55	8	14	55	42	9.5	25	80
CR12-08-80	8	14	80	67	9.5	25	105
CR12-08-110	8	14	110	97	9.5	25	135
CR12-10-55	10	16	55	42	9.5	30	60
CR12-10-80	10	16	80	67	9.5	30	60
CR12-10-110	10	16	110	97	9.5	30	60
CR12-12-55	12	20	55	42	9.5	30	60
CR12-12-80	12	20	80	-	-	30	60
CR12-12-110	12	20	110	-	-	30	60

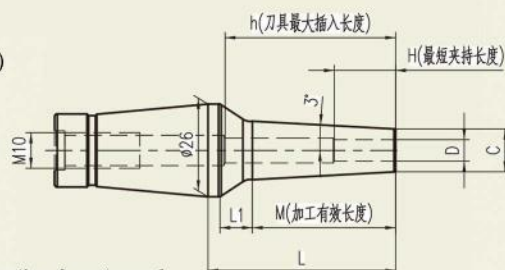
✧ Please contact our company if you need products of other models or specifications.

SLIMLINE12型



FEATURES:

- Clamping runout accuracy: 0.003 mm (3×D)
- Clamping cycle life: ≥2000 times.
- Tool shank tolerance requirement: h6
- For clamping cemented carbide tools.
- Through-spindle coolant design.
- Stainless steel material, low-temperature heating & rust-proof.



型号 MODEL	尺寸SIZE (mm)						
	D	C	L	M	L1	H	h
CS12-04-55	4	7	55	42	9.5	12	80
CS12-04-80	4	7	80	67	9.5	12	105
CS12-04-110	4	7	110	97	9.5	12	135
CS12-06-55	6	9	55	42	9.5	18	80
CS12-06-80	6	9	80	67	9.5	18	105
CS12-06-110	6	9	110	97	9.5	18	135
CS12-08-55	8	11	55	42	9.5	25	80
CS12-08-80	8	11	80	67	9.5	25	105
CS12-08-110	8	11	110	97	9.5	25	135
CS12-10-55	10	13	55	42	9.5	30	60
CS12-10-80	10	13	80	67	9.5	30	60
CS12-10-110	10	13	110	97	9.5	30	60
CS12-12-55	12	15	55	42	9.5	30	60
CS12-12-80	12	15	80	67	9.5	30	60
CS12-12-110	12	15	110	-	-	30	60

✧ Please contact our company if you need products of other models or specifications.

Efficient processing Higher clamping force

High-
precision

High-
rigidity

High-
hardness



Note: The handle does not include a cylinder clamp and milling cutter, and needs to be purchased separately.

液压刀柄使用说明

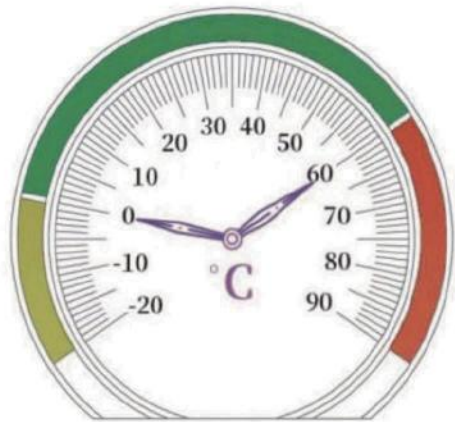
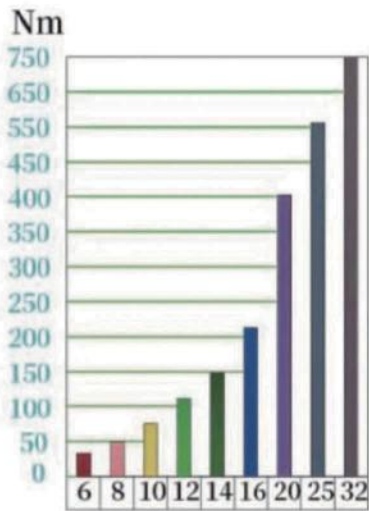
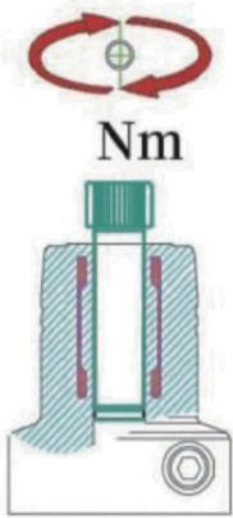
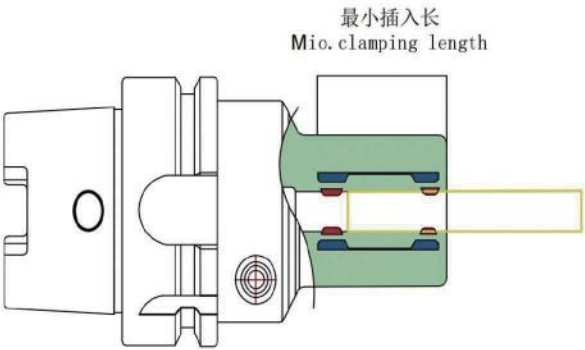
INSTRUCTIONS FOR USE OF HYDRAULIC TOOL HOLDERS

刀具柄径长要求参数

孔径规格mm	06	08	10	12	14	16	18	20	25	32
最小插入长	27	28	36	37	38	40	40	40	49	52

刀具柄外径要求参数

基本尺寸	0-3	3.1-6	6.1-10	10.1-18	18.1-30	30.1-50
h6公差值	0-6um	0-8um	0-9um	0-11um	0-13um	0-16um



测试标准使用
h6 公差最小值

液压刀柄直接
加紧力矩 ø6-32mm

液压刀柄工作
最佳环境温度

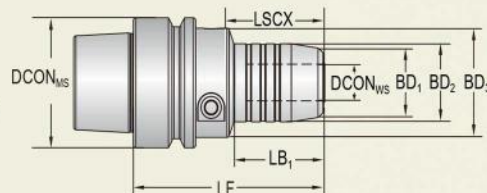
液压刀柄/HYDRAULIC CHUCKS

DIN 69893 HSK-E



FEATURES:

- Total runout: 0.003 (3×d)
- Hex key for quick tool change.
- Tool shank tolerance requirement: h6
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Standard dynamic balance: G2.5/2500rpm



✧ Hydraulic collet compatible for variable diameter.

型号 MODEL DIN 69893		尺寸SIZE (mm)							
		DCON _{MS}	DCON _{WS}	BD ₁	BD ₂	BD ₃	LF	LSCX	LB ₁
HSK40E-HCM06-70	HSK-E40	40	6	22	26	45	70	37	16
HSK40E-HCM08-70	HSK-E40	40	8	24	28	48	70	37	16
HSK40E-HCM10-75	HSK-E40	40	10	26	30	48	75	41	20
HSK40E-HCM12-80	HSK-E40	40	12	28	32	48	80	46	25
HSK50E-HCM06-75	HSK-E50	50	6	22	26	42	75	37	28
HSK50E-HCM08-75	HSK-E50	50	8	24	28	42	75	37	28
HSK50E-HCM10-80	HSK-E50	50	10	26	30	42	80	41	38
HSK50E-HCM12-85	HSK-E50	50	12	28	32	42	85	46	44
HSK50E-HCM16-90	HSK-E50	50	16	34	38	53	90	49	25
HSK50E-HCM20-90	HSK-E50	50	20	38	42	53	90	51	29
HSK50E-HCM25-90	HSK-E50	50	25	53	57	72	90	57	25
HSK63E-HCM20-90	HSK-E63	63	20	38	42	53	90	51	48
HSK63E-HCM20-100	HSK-E63	63	20	38	42	53	100	51	58
HSK63E-HCM20-150	HSK-E63	63	20	38	42	50	150	51	108
HSK63E-HCM20-200	HSK-E63	63	20	38	42	50	200	51	158

✧ Accessories need to be ordered separately.

✧ Hydraulic collet specs on P110.

HC	DCON _{WS}						
	6	8	10	12	16	20	25
螺钉 SCREW	HCS005014C	HSK40E	HSK50E	HCS005014C	HCS005014C	HCS005014C	HCS006014C
附件 ACCESSORIES	DCON _{WS}						
扳手 WRENCH	TS5						
卡簧 COLLETS	HC12						
冷却液套管 COOLANT TUBE	TS-HSK40						
扳手 COOLANT TUBE WRENCH	HSK40						

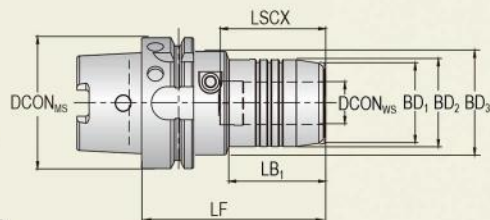
One-stop shop/OEM

液压刀柄/HYDRAULIC CHUCKS DIN 69893 HSK-A



FEATURES:

- Total runout: 0.003 (3×d)
- Hex key for quick tool change.
- Tool shank tolerance requirement: h6
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Standard dynamic balance: G2.5/25000rpm



✧ Hydraulic collet compatible for variable diameter.

型号 MODEL DIN 69893		尺寸 SIZE (mm)							
		DCON _{MS}	DCON _{WS}	BD ₁	BD ₂	BD ₃	LF	LSCX	LB ₁
HSK63A-HCM06-70	HSK-A63	63	6	22	26	50	70	37	24
HSK63A-HCM06-90	HSK-A63	63	6	22	26	50	90	37	44
HSK63A-HCM06-120	HSK-A63	63	6	22	26	50	120	37	74
HSK63A-HCM06-150	HSK-A63	63	6	22	26	50	150	37	104
HSK63A-HCM06-200	HSK-A63	63	6	22	26	50	200	37	154
HSK63A-HCM08-70	HSK-A63	63	8	24	28	50	70	37	25
HSK63A-HCM08-90	HSK-A63	63	8	24	28	50	90	37	45
HSK63A-HCM8-120	HSK-A63	63	8	24	28	50	120	37	75
HSK63A-HCM08-150	HSK-A63	63	8	24	28	50	150	37	105
HSK63A-HCM08-200	HSK-A63	63	8	24	28	50	200	37	155
HSK63A-HCM10-80	HSK-A63	63	10	26	30	50	80	41	35
HSK63A-HCM10-120	HSK-A63	63	10	26	30	50	120	41	75
HSK63A-HCM10-150	HSK-A63	63	10	26	30	50	150	41	105
HSK63A-HCM10-200	HSK-A63	63	10	26	30	50	200	41	155
HSK63A-HCM12-85	HSK-A63	63	12	28	32	50	85	46	40
HSK63A-HCM12-120	HSK-A63	63	12	28	32	50	120	46	75
HSK63A-HCM12-150	HSK-A63	63	12	28	32	50	150	46	105
HSK63A-HCM12-200	HSK-A63	63	12	28	32	50	200	46	155
HSK63A-HCM14-85	HSK-A63	63	14	30	34	50	85	46	40
HSK63A-HCM14-150	HSK-A63	63	14	30	34	50	150	46	105
HSK63A-HCM16-90	HSK-A63	63	16	34	38	50	90	49	46
HSK63A-HCM16-120	HSK-A63	63	16	34	38	50	120	49	76
HSK63A-HCM16-150	HSK-A63	63	16	34	38	50	150	49	106
HSK63A-HCM16-200	HSK-A63	63	16	34	38	50	200	49	156
HSK63A-HCM18-90	HSK-A63	63	18	36	40	50	90	49	47
HSK63A-HCM18-150	HSK-A63	63	18	36	40	50	150	49	107
HSK63A-HCM20-90	HSK-A63	63	20	38	42	50	90	51	48
HSK63A-HCM20-120	HSK-A63	63	20	38	42	50	120	51	78
HSK63A-HCM20-150	HSK-A63	63	20	38	42	50	150	51	108
HSK63A-HCM20-200	HSK-A63	63	20	38	42	50	200	51	158
HSK63A-HCM25-120	HSK-A63	63	25	53	57	63	120	57	59
HSK63A-HCM32-125	HSK-A63	63	32	60	64	75	125	61	63

✧ Accessories need to be ordered separately.

✧ Hydraulic collet specs on P110.

配件 ASSEMBLE PARTS		DCON _{WS}									
		6	8	10	12	14	16	18	20	25	32
 螺钉 SCREW	HCSO05014C	HCSO06014C	HCSO08014C						HCSO12014C		
附件 ACCESSORIES		DCON _{WS}									
		6	8	10	12	14	16	18	20	25	32
 扳手 WRENCH	TS5								TS6		
 卡簧 COLLETS	-		HC12		-			HC20	-	HC32	
 冷却液套管 COOLANT TUBE	TS-HSK63 / TS-HSK63-W										
 扳手 COOLANT TUBE WRENCH	HSK63										

One-stop shop/OEM

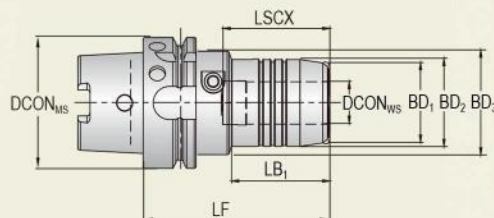
液压刀柄/HYDRAULIC CHUCKS DIN 69893 HSK-A



FEATURES:

- Total runout: 0.003 (3×d)
- Hex key for quick tool change.
- Tool shank tolerance requirement: h6
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Standard dynamic balance: G2.5/25000rpm

✧ Hydraulic collet compatible for variable diameter.



型号 MODEL DIN 69893		尺寸SIZE (mm)							
		DCON _{MS}	DCON _{WS}	BD ₁	BD ₂	BD ₃	LF	LSCX	LB ₁
HSK80A-HCM12-95	HSK-A80	80	12	28	32	50	95	46	50
HSK80A-HCM20-105	HSK-A80	80	20	38	42	50	105	51	47.5
HSK80A-HCM32-110	HSK-A80	80	32	60	64	68	110	57	65

✧ Accessories need to be ordered separately.

✧ Hydraulic collet specs on P110.

配件 ASSEMBLE PARTS	DCON _{WS}		
	12	20	32
螺钉 SCREW	HCS008014C		HCS012014C
附件 ACCESSORIES	DCON _{WS}		
	12	20	32
扳手 WRENCH	TS5		TS6
卡簧 COLLETS	HC12	HC20	HC32
冷却液套管 COOLANT TUBE	TS-HSK80		
扳手 COOLANT TUBE WRENCH	HSK80		

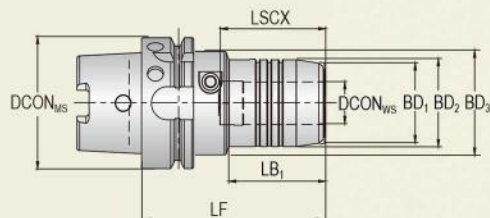
液压刀柄/HYDRAULIC CHUCKS

DIN 69893 HSK-A



FEATURES:

- Total runout: 0.003 (3×d)
- Hex key for quick tool change.
- Tool shank tolerance requirement: h6
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Standard dynamic balance: G2.5/25000rpm



✧ Hydraulic collet compatible for variable diameter.

型号 MODEL DIN 69893		尺寸 SIZE (mm)							
		DCON _{MS}	DCON _{WS}	BD ₁	BD ₂	BD ₃	LF	LSCX	LB ₁
HSK100A-HCM06-75	HSK-A100	100	6	22	26	50	75	37	26
HSK100A-HCM06-90	HSK-A100	100	6	22	26	50	90	37	41
HSK100A-HCM06-120	HSK-A100	100	6	22	26	50	120	37	71
HSK100A-HCM06-150	HSK-A100	100	6	22	26	50	150	37	101
HSK100A-HCM08-75	HSK-A100	100	8	24	28	50	75	37	26
HSK100A-HCM08-90	HSK-A100	100	8	24	28	50	90	37	41
HSK100A-HCM08-120	HSK-A100	100	8	24	28	50	120	37	71
HSK100A-HCM8-150	HSK-A100	100	8	24	28	50	150	37	101
HSK100A-HCM10-90	HSK-A100	100	10	26	30	50	90	41	42
HSK100A-HCM10-120	HSK-A100	100	10	26	30	50	120	41	72
HSK100A-HCM10-150	HSK-A100	100	10	26	30	50	150	41	102
HSK100A-HCM10-200	HSK-A100	100	10	26	30	50	200	41	152
HSK100A-HCM12-95	HSK-A100	100	12	28	32	50	95	46	47
HSK100A-HCM12-120	HSK-A100	100	12	28	32	50	120	46	72
HSK100A-HCM12-150	HSK-A100	100	12	28	32	50	150	46	102
HSK100A-HCM12-200	HSK-A100	100	12	28	32	50	200	46	152
HSK100A-HCM14-95	HSK-A100	100	14	30	34	50	95	46	53
HSK100A-HCM14-150	HSK-A100	100	14	30	34	50	150	46	103
HSK100A-HCM16-100	HSK-A100	100	16	34	38	50	100	49	53
HSK100A-HCM16-120	HSK-A100	100	16	34	38	50	120	49	53
HSK100A-HCM16-150	HSK-A100	100	16	34	38	50	150	49	102
HSK100A-HCM16-200	HSK-A100	100	16	34	38	50	200	49	152
HSK100A-HCM18-100	HSK-A100	100	18	36	40	50	100	49	53
HSK100A-HCM18-150	HSK-A100	100	18	36	40	50	150	49	104
HSK100A-HCM18-200	HSK-A100	100	18	36	40	50	200	49	154
HSK100A-HCM20-105	HSK-A100	100	20	38	42	50	105	51	59
HSK100A-HCM20-120	HSK-A100	100	20	38	42	50	120	51	74
HSK100A-HCM20-150	HSK-A100	100	20	38	42	50	150	51	104
HSK100A-HCM20-200	HSK-A100	100	20	38	42	50	200	51	154
HSK100A-HCM25-110	HSK-A100	100	25	53	57	63	110	57	62
HSK100A-HCM25-150	HSK-A100	100	25	53	57	63	150	57	112
HSK100A-HCM32-110	HSK-A100	100	32	60	64	75	110	61	62
HSK100A-HCM32-150	HSK-A100	100	32	60	64	75	150	61	102

✧ Accessories need to be ordered separately.

✧ Hydraulic collet specs on P110.

配件 ASSEMBLE PARTS		DCON _{WS}									
		6	8	10	12	14	16	18	20	25	32
 螺钉 SCREW	HCSO05014C	HCSO05014C	HCSO08014C						HCSO12014C		
附件 ACCESSORIES		DCON _{WS}									
		6	8	10	12	14	16	18	20	25	32
 扳手 WRENCH	TS5								TS6		
 卡簧 COLLETS	-		HC12	-				HC20	-	HC32	
 冷却液套管 COOLANT TUBE	TS-HSK100 / TS-HSK100-W										
 扳手 COOLANT TUBE WRENCH	HSK100										

One-stop shop/OEM

液压刀柄/HYDRAULIC CHUCKS

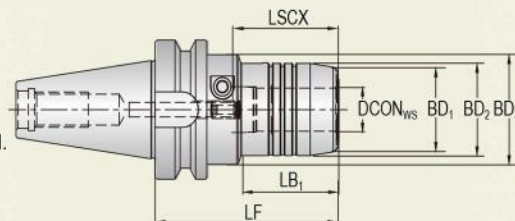
JIS B 6339 BT/BBT



FEATURES:

- Total runout: 0.003 (3×d)
- Hex key for quick tool change.
- Tool shank tolerance requirement: h6
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Standard dynamic balance: G2.5/25000rpm

✧ Hydraulic collet compatible for variable diameter.



型号 MODEL		尺寸 SIZE (mm)						
JIS B 6339-AD		DCON _{MS}	BD ₁	BD ₂	BD ₃	LF	LSCX	LB ₁
BT30-HCM06-50.8	30	6	23	26	46	50.8	37	15.6
BT30-HCM06-80	30	6	22	26	50	80	37	33
BT30-HCM08-50.8	30	8	25	28	46	50.8	37	15.6
BT30-HCM08-80	30	8	24	28	50	80	37	33
BT30-HCM10-50.8	30	10	27	30	46	50.8	41	15.6
BT30-HCM10-80	30	10	26	30	50	80	41	34
BT30-HCM12-50.8	30	12	29	32	46	50.8	46	15.6
BT30-HCM12-90	30	12	28	32	50	90	46	44.5
BT30-HCM14-90	30	14	30	34	50	90	46	44.5
BT30-HCM16-90	30	16	34	38	50	90	49	47
BT30-HCM18-90	30	18	36	40	50	90	49	47
BT30-HCM20-90	30	20	38	42	50	90	51	50
BT40-HCM06-90	40	6	22	26	50	90	37	43
BT40-HCM06-120	40	6	22	26	50	120	37	73
BT40-HCM06-150	40	6	22	26	50	150	37	103
BT40-HCM06-200	40	6	22	26	50	200	37	153
BT40-HCM08-90	40	8	24	28	50	90	37	44.5
BT40-HCM08-120	40	8	24	28	50	120	37	74.5
BT40-HCM08-150	40	8	24	28	50	150	37	104.5
BT40-HCM08-200	40	8	24	28	50	200	37	154.5
BT40-HCM10-90	40	10	26	30	50	90	41	44.5
BT40-HCM10-120	40	10	26	30	50	120	41	74.5
BT40-HCM10-150	40	10	26	30	50	150	41	104.5
BT40-HCM10-200	40	10	26	30	50	200	41	154.5
BT40-HCM12-90	40	12	28	32	50	90	46	44.5
BT40-HCM12-120	40	12	28	32	50	120	46	74.5
BT40-HCM12-150	40	12	28	32	50	150	46	104.5
BT40-HCM12-200	40	12	28	32	50	200	46	154.5
BT40-HCM14-90	40	14	30	34	50	90	46	44.5
BT40-HCM14-150	40	14	30	34	50	150	46	104.5
BT40-HCM16-90	40	16	34	38	50	90	49	47.5
BT40-HCM16-120	40	16	34	38	50	120	49	77.5
BT40-HCM16-150	40	16	34	38	50	150	49	107.5
BT40-HCM16-200	40	16	34	38	50	200	49	157.5
BT40-HCM18-90	40	18	36	40	50	90	49	47.5
BT40-HCM18-150	40	18	36	40	50	150	49	107.5
BT40-HCM20-90	40	20	38	42	50	90	51	47.5
BT40-HCM20-120	40	20	38	42	50	120	51	77.5
BT40-HCM20-150	40	20	38	42	50	150	51	107.5
BT40-HCM20-200	40	20	38	42	50	200	51	157.5
BT40-HCM25-83	40	25	53	57	62	83	57	44
BT40-HCM32-83	40	32	60	63	80	83	61	24.9
BT40-HCM32-105	40	32	60	63	-	105	61	-

✧ Accessories need to be ordered separately.

✧ Hydraulic collet specs on P110.

配件 ASSEMBLE PARTS		DCON _{MS}									
		6	8	10	12	14	16	18	20	25	32
 螺钉 SCREW	HCS005014C	HCS008014C	HCS008014C						HCS012014C		
附件 ACCESSORIES		DCON _{MS}									
		6	8	10	12	14	16	18	20	25	32
 扳手 WRENCH	TS5								TS6		
 卡簧 COLLETS	-	-	-	HC12	-	-	-	HC20	-	-	HC32

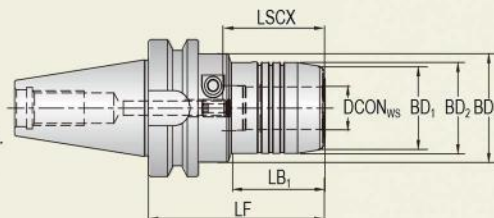
液压刀柄/HYDRAULIC CHUCKS

JIS B 6339 BT/BBT



FEATURES:

- Total runout: 0.003 (3×d)
- Hex key for quick tool change.
- Tool shank tolerance requirement: h6
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Standard dynamic balance: G2.5/25000rpm



✧ Hydraulic collet compatible for variable diameter.

型号 MODEL		尺寸SIZE (mm)						
JIS B 6339-AD		DCON _{MS}	BD ₁	BD ₂	BD ₃	LF	LSCX	LB ₁
BT50-HCM06-90	50	6	22	26	50	90	37	29.5
BT50-HCM06-150	50	6	22	26	50	150	37	89.5
BT50-HCM08-90	50	8	24	28	50	90	37	30
BT50-HCM08-150	50	8	24	28	50	150	37	80
BT50-HCM10-90	50	10	26	30	50	90	41	31
BT50-HCM10-150	50	10	26	30	50	150	41	93
BT50-HCM12-90	50	12	28	32	44.5	90	46	34
BT50-HCM12-120	50	12	28	32	44.5	120	46	64
BT50-HCM12-150	50	12	28	32	50	150	46	94
BT50-HCM12-200	50	12	28	32	50	200	46	145
BT50-HCM14-90	50	14	30	34	44.5	90	46	34
BT50-HCM14-100	50	14	30	34	44.5	100	46	44
BT50-HCM16-90	50	16	34	38	44.5	90	49	34
BT50-HCM16-100	50	16	34	38	44.5	100	49	44
BT50-HCM18-90	50	18	36	40	44.5	90	49	34
BT50-HCM18-100	50	18	36	40	44.5	100	49	44
BT50-HCM20-90	50	20	38	42	44.5	90	51	34
BT50-HCM20-105	50	20	38	42	44.5	105	51	47.5
BT50-HCM20-120	50	20	38	42	44.5	120	51	62.5
BT50-HCM20-150	50	20	38	42	50	150	51	92.5
BT50-HCM20-200	50	20	38	42	50	200	51	142.5
BT50-HCM25-90	50	25	53	57	66	90	57	34
BT50-HCM25-110	50	25	53	57	66	110	57	54
BT50-HCM32-90	50	32	60	64	72	90	61	34
BT50-HCM32-115	50	32	60	64	72	115	61	58
BT50-HCM32-150	50	32	60	64	72	150	61	92
BT50-HCM32-200	50	32	60	64	72	200	61	141

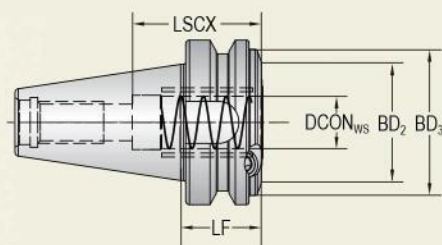
✧ Accessories need to be ordered separately.

✧ Hydraulic collet specs on P110.

配件 ASSEMBLE PARTS		DCON _{MS}									
		6	8	10	12	14	16	18	20	25	32
 螺钉 SCREW	HCSO05014C	HCSO06014C	HCSO08014C						HCSO12014C		
附件 ACCESSORIES		DCON _{MS}									
		6	8	10	12	14	16	18	20	25	32
 扳手 WRENCH	TS5								TS6		
 卡簧 COLLETS	-			HC12	-			HC20	-	HC32	

One-stop shop/OEM

超短型液压刀柄/HYDRAULIC CHUCKS JIS B 6339 BT/BBT



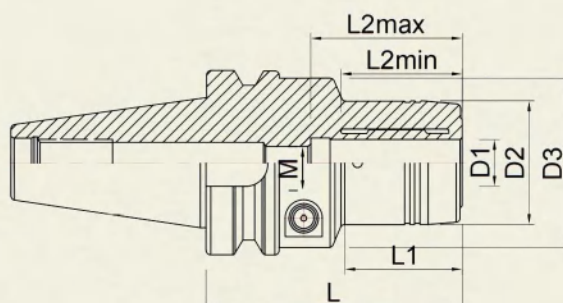
型号 MODEL		尺寸SIZE (mm)				
JIS B 6339-AD		DCON _{WS}	BD ₁	BD ₂	LF	LSCX
BT40-HCM20-32.5	40	20	46	56	32.5	51
BT50-HCM32-49.5	50	32	60	64	49.5	61

- ✧ Accessories need to be ordered separately.
- ✧ Hydraulic collet specs on P110.

配件 ASSEMBLE PARTS	DCON _{WS}	
	20	32
螺钉 SCREW	HCSO08014C	HCSO12014C
附件 ACCESSORIES	DCON _{WS}	
	20	32
卡簧 COLLETS	HC20	HC32

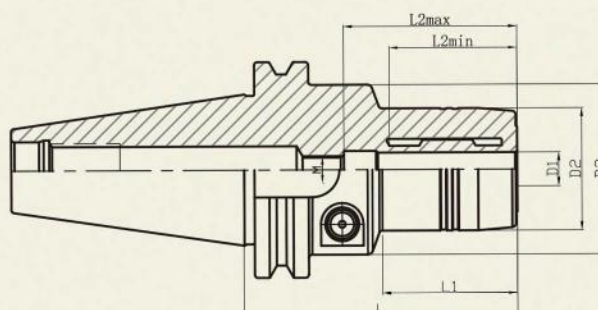
高精度液压刀柄/HIGH PRECISION HYDRAULIC TOOL HOLDER

JIS B 6339 BT/BBT



订单号 order No.	D1	D2	D3	L	L1	L2min	L2max	M
BBT30-HDC03-60L	3	21	45	60	29	23	84	—
BBT30-HDC04-60L	4	21	45	60	29	23	84	—
BBT30-HDC06-75L	6	30	46	75	24	28	50	M5
BBT30-HDC08-75L	8	32	46	75	24	28	50	M6
BBT30-HDC10-75L	10	34	46	75	24	34	50	M8
BBT30-HDC12-75L	12	36	46	75	25	36	50	M8
BBT30-HDC14-90L	14	38	46	90	40	41	52	M8
BBT30-HDC16-90L	16	40	46	90	33	41	52	M8
BBT30-HDC18-90L	18	42	46	90	41	41	52	M8
BBT30-HDC20-90L	20	46	46	90	—	41	52	M8
BBT40-HDC04-90L	4	28	46	90	38	24	42	—
BBT40-HDC06-90L	6	30	46	90	38	28	44	M5
BBT40-HDC08-90L	8	32	48	90	38	28	44	M6
BBT40-HDC10-90L	10	36	52	90	40	37	51	M8
BBT40-HDC12-90L	12	38	54	90	40	37	51	M8
BBT40-HDC14-90L	14	40	56	90	40	41	52	M12
BBT40-HDC16-90L	16	42	58	90	40	41	52	M12
BBT40-HDC18-90L	18	43	59	90	40	41	52	M12
BBT40-HDC20-90L	20	46	60	90	40	41	53	M12
BBT40-HDC25-105L	25	52	62	105	55	49	65	M12
BBT40-HDC32-105L	32	63	—	105	—	52	65	M12
BBT40-HDC06-140L	6	22	26.5	140	90	25	37	M5
BBT40-HDC08-140L	8	24	28.7	140	90	25	37	M6
BBT40-HDC10-140L	10	25	29.7	140	90	31	42.5	M8
BBT40-HDC12-140L	12	28	32.7	140	90.5	34	47.5	M8
BBT40-HDC20-140L	20	40	44.7	140	91	39	53	M12
BBT50-HDC06-105L	6	30	46	105	38	28	44	M5
BBT50-HDC08-105L	8	32	48	105	38	28	44	M6
BBT50-HDC10-105L	10	36	52	105	40	37	51	M8
BBT50-HDC12-105L	12	38	54	105	40	37	51	M8
BBT50-HDC14-105L	14	40	56	105	40	41	52	M12
BBT50-HDC16-105L	16	42	58	105	40	41	52	M12
BBT50-HDC18-105L	18	43	59	105	39	40	51	M12
BBT50-HDC20-105L	20	46	60	105	40	41	53	M12
BBT50-HDC25-120L	25	52	62	120	55	49	65	M12
BBT50-HDC32-120L	32	63	72	120	56	52	65	M12
BBT50-HDC06-150L	6	30	46	150	38	28	44	M5
BBT50-HDC08-150L	8	32	48	150	38	28	44	M6
BBT50-HDC10-150L	10	36	52	150	40	37	51	M8
BBT50-HDC12-150L	12	38	54	150	40	37	51	M8
BBT50-HDC14-150L	14	40	56	150	40	41	52	M12
BBT50-HDC16-150L	16	42	58	150	40	41	52	M12
BBT50-HDC18-150L	18	43	59	150	39	40	51	M12
BBT50-HDC20-150L	20	46	60	150	40	41	53	M12
BBT50-HDC25-150L	25	52	62	150	55	49	65	M12
BBT50-HDC32-150L	32	63	72	150	56	52	65	M12

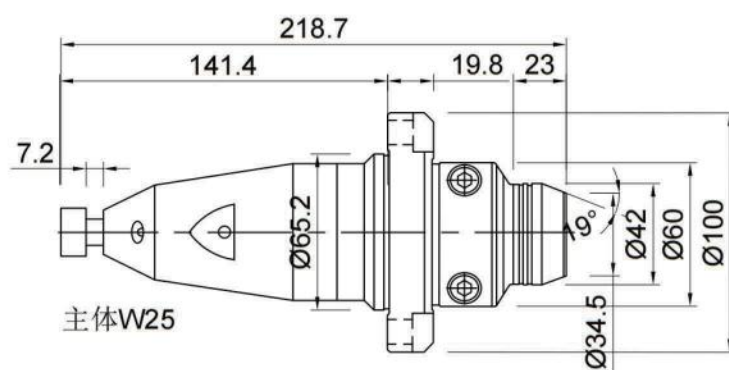
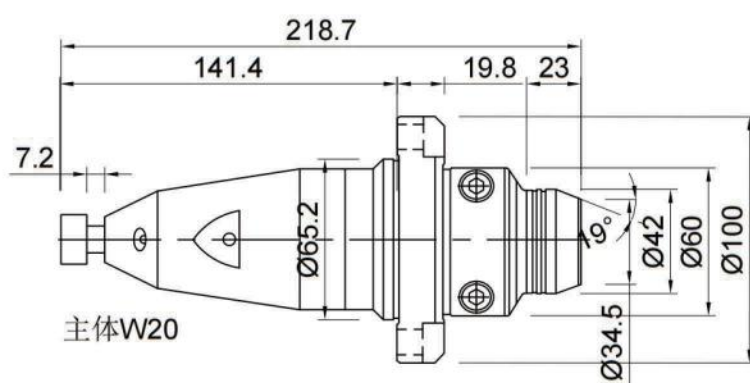
高精度液压刀柄/HIGH PRECISION HYDRAULIC TOOL HOLDER DIN 69871 SK



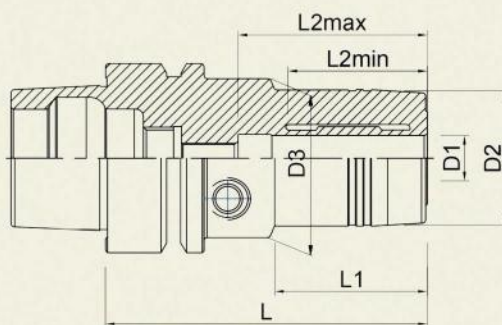
订单号 order No.	D1	D2	D3	L	L1	L2min	L2max	M
SK40-HDC06-80.5L	6	30	50	80.5	38	28	44	M5
SK40-HDC08-80.5L	8	32	50	80.5	38	28	44	M6
SK40-HDC10-80.5L	10	36	50	80.5	40	37	51	M8
SK40-HDC12-80.5L	12	38	50	80.5	40	37	51	M8
SK40-HDC16-80.5L	16	42	50	80.5	41	41	52	M12
SK40-HDC20-80.5L	20	42	50	80.5	41	41	52	M12
SK50-HDC06-90L	6	30	50	90	38.5	28	44	M5
SK50-HDC08-90L	8	32	50	90	38.5	28	44	M6
SK50-HDC10-90L	10	36	50	90	40.5	37	51	M8
SK50-HDC12-90L	12	38	50	90	40.5	37	51	M8
SK50-HDC14-90L	14	40	50	90	40.5	41	52	M12
SK50-HDC16-90L	16	42	50	90	40.5	41	52	M12
SK50-HDC20-90L	20	42	50	90	40.8	41	53	M12
SK50-HDC25-110L	25	52	57	110	60	49	65	M12
SK50-HDC32-110L	32	63	63	110	91	52	65	M12

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新型数控磨刀夹具 NEW CNC GRINDING TOOL FIXTURE



高精度液压刀柄/HIGH PRECISION HYDRAULIC TOOL HOLDER DIN 69893 HSK-E

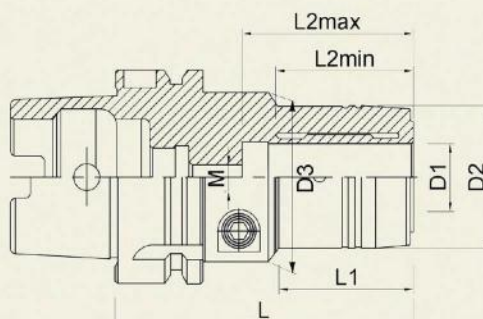


订单号 order No.	D1	D2	D3	L	L1	L2min	L2max	M
HSK50E-HDC06-70L	6	30	42	70	25.5	26	38	M5
HSK50E-HDC08-70L	8	32	42	70	26	28	38	M6
HSK50E-HDC10-80L	10	34	42	80	32.6	34	45	M8
HSK50E-HDC12-85L	12	36	42	85	40	36	50	M8
HSK50E-HDC16-90L	16	40	42	90	43	41	52	M8
HSK50E-HDC20-90L	20	42	42	90	64	41	52	M8
HSK40E-HDC06-70L	6	30	42	70	25.5	26	38	M5
HSK40E-HDC08-70L	8	32	42	70	26	28	38	M6
HSK40E-HDC10-75L	10	34	42	75	32.6	34	45	M8
HSK40E-HDC12-80L	12	36	42	80	40	36	50	M8

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高精度液压刀柄/HIGH PRECISION HYDRAULIC TOOL HOLDER

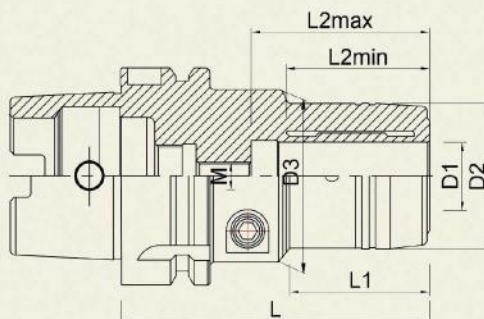
DIN 69893 HSK-A



订单号 order No.	D1	D2	D3	L	L1	L2min	L2max	M
HSK50A-HDC06-70L	6	30	42	70	25.5	26	38	M5
HSK50A-HDC08-70L	8	32	42	70	26	28	38	M6
HSK50A-HDC10-80L	10	34	42	80	32.6	34	45	M8
HSK50A-HDC12-85L	12	36	42	85	40	36	50	M8
HSK50A-HDC16-90L	16	40	42	90	43	41	52	M8
HSK50A-HDC20-90L	20	42	42	90	64	41	52	M8
HSK63A-HDC06-80L	6	32	48	80	32	29	46	M5
HSK63A-HDC06-125L	6	32	48	125	38.5	28	44.5	M5
HSK63A-HDC08-80L	8	34	50	80	32	29	46	M6
HSK63A-HDC08-125L	8	32	48	125	38.5	28	44.5	M6
HSK63A-HDC10-80L	10	36	50	80	32	31	50	M8
HSK63A-HDC10-125L	10	36	50	125	40	37	51	M8
HSK63A-HDC12-80L	12	38	50	80	32	32	50	M8
HSK63A-HDC12-125L	12	38	50	125	41	37	51	M8
HSK63A-HDC14-80L	14	40	50	80	40	38	50	M8
HSK63A-HDC16-90L	16	42	50	90	41	40	51	M8
HSK63A-HDC16-125L	16	42	50	125	43	40	52	M8
HSK63A-HDC18-90L	18	42	50	90	41	40	51	M8
HSK63A-HDC20-90L	20	42	50	90	41	40	52.5	M8
HSK63A-HDC20-120L	20	44	50	125	41	40	52.5	M8
HSK63A-HDC20-175L	20	42	50	175	41	40	52.5	M8
HSK63A-HDC20-200L	20	42	50	200	45	40	52.5	M8
HSK63A-HDC25-110L	25	53	63	110	55.5	45	61	M8
HSK63A-HDC32-110L	32	63	63	110	—	55	65	M8

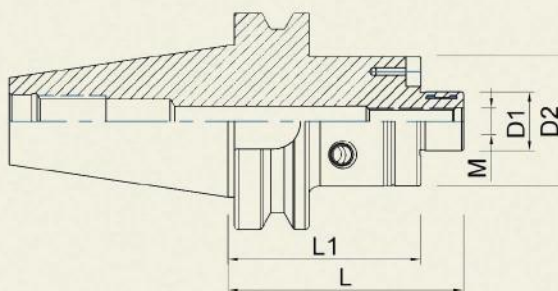
One-stop shop/OEM

高精度液压刀柄/HIGH PRECISION HYDRAULIC TOOL HOLDER DIN 69893 HSK-A



订单号 order No.	D1	D2	D3	L	L1	L2min	L2max	M
HSK100A-HDC06-90L	6	30	48	90	31	28	44.5	M5
HSK100A-HDC08-90L	8	32	48	90	31	28	44.5	M6
HSK100A-HDC10-105L	10	36	50	105	38	37	51	M8
HSK100A-HDC12-105L	12	38	52	105	40	37	51	M8
HSK100A-HDC14-105L	14	38	52	105	41	41	51	M8
HSK100A-HDC16-105L	16	41	54	105	42	41	52	M12
HSK100A-HDC18-105L	18	42	50	105	41	41	52	M12
HSK100A-HDC20-105L	20	43	54	105	41	41	53	M12
HSK100A-HDC25-110L	25	52	62	110	55	49	65	M12
HSK100A-HDC32-110L	32	63	72	110	57	52	65	M12

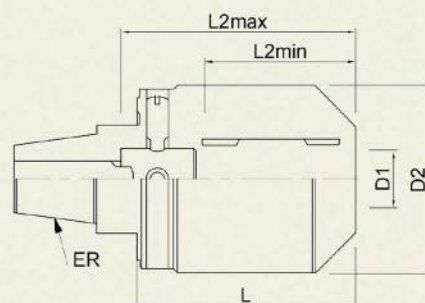
FHC高精度液压膨胀刀柄/FHC HIGH PRECISION HYDRAULIC EXPANSION TOOL HOLDER JIS B 6339 BT/BBT



订单号 order No.	D1	D2	L	L1	M
BT40-FHC22-65	22	48	83	65	10
BT40-FHC27-65	27	60	85	65	12
BT50-FHC22-90	22	48	108	90	10
BT50-FHC27-90	27	60	110	90	12
BT50-FHC32-90	32	70	112	90	16
BT50-FHC40-90	40	80	115	90	16
BT50-FHC60-90	60	128.5	120	95	16

ER高精度液压刀柄

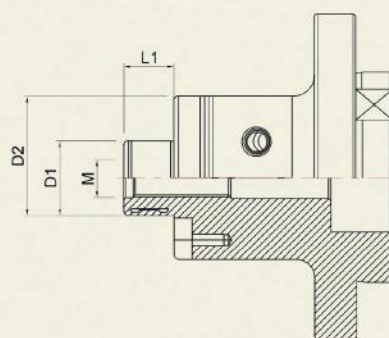
ER HIGH PRECISION HYDRAULIC TOOL HOLDER



订单号 order No.	D1	D2	L	L2min	L2max
ER25-HDC06-75L	6	52	75	28	44.5
ER25-HDC08-75L	8	52	75	28	44.5
ER25-HDC10-75L	10	52	75	37	51
ER25-HDC12-75L	12	52	75	37	64
ER25-HDC16-75L	16	52	75	40	64
ER25-HDC20-75L	20	52	75	40	64
ER32-HDC06-75L	6	60	75	28	44.5
ER32-HDC08-75L	8	60	75	28	44.5
ER32-HDC10-75L	10	60	75	37	51
ER32-HDC12-75L	12	60	75	37	51
ER32-HDC16-75L	16	60	75	40	65
ER32-HDC20-75L	20	60	75	40	65

FHC高精度液压刀盘夹具

FHC HIGH PRECISION HYDRAULIC TOOL HOLDER



订单号 order No.	D1	D2	L	M
FHC22	22	48	18	10
FHC27	27	60	20	12
FHC32	32	70	22	16
FHC40	40	80	25	16
FHC60	60	128	25	16

One-stop shop/OEM

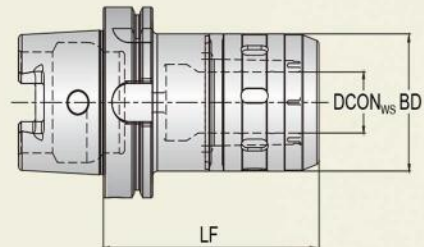


强力夹头刀柄/POWER MILLING HOLDER DIN 69893 HSK-A



FEATURES:

- Total runout: 0.001mm
- Inner wall grooving: cuts oil film, boosts clamping force & safety.
- Tool shank tolerance requirement: h6
- Sealed locking sleeve (front/rear): dust-proof, avoids contamination-induced holder failure.
- Internal coolant through design.



型号 MODEL DIN 69893		尺寸SIZE (mm)		
		DCON _{WS}	BD	LF
HSK63A-C20-105	HSK-A63	20	52	105
HSK63A-C25-110	HSK-A63	25	60	110
HSK63A-C32-110	HSK-A63	32	69	110
HSK63A-C32-115	HSK-A63	32	69	115
HSK80A-C32-115	HSK-A80	32	69	115
HSK100A-C20-110	HSK-A100	20	52	110
HSK100A-C25-110	HSK-A100	25	52	110
HSK100A-C25-115	HSK-A100	25	60	115
HSK100A-C32-120	HSK-A100	32	69	120
HSK100A-C32-135	HSK-A100	32	69	135
HSK100A-C42-125	HSK-A100	42	86	125

✧ Accessories need to be ordered separately.

✧ Straight cylindrical circlip details on P109.

附件 ACCESSORIES	C20	C25	C32	C42
扳手 WRENCH	G25	G32	G40	G130
卡簧 COLLETS	C20	C25	C32	C42
	HSK-A63		HSK-A80	HSK-A100
冷却液套管 COOLANT TUBE	TS-HSK63 / TS-HSK63-W		TS-HSK80	TS-HSK100 / TS-HSK100-W
扳手 COOLANT TUBE WRENCH	HSK63		HSK80	HSK100

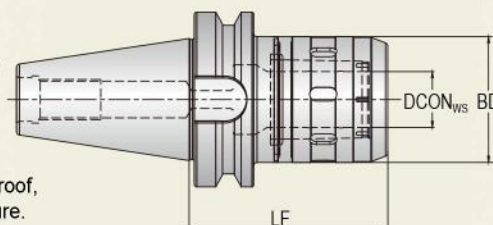
One-stop shop/OEM

强力夹头刀柄/POWER MILLING HOLDER JIS B 6339 BT/BBT



FEATURES:

- Total runout: 0.001mm
- Inner wall grooving: cuts oil film, boosts clamping force & safety.
- Tool shank tolerance requirement: h6
- Sealed locking sleeve (front/rear): dust-proof, avoids contamination-induced holder failure.
- Internal coolant through design.



型号 MODEL JIS B 6339-AD	尺寸 SIZE (mm)			
		DCON _{ws}	BD	LF
BT30-C20-95	30	20	52	95
BT40-C20-80	40	20	52	80
BT40-C20-95	40	20	52	95
BT40-C20-120	40	20	52	120
BT40-C25-100	40	25	60	100
BT40-C25-120	40	25	60	120
BT40-C32-105	40	32	69	105

✧ Accessories need to be ordered separately.

✧ Straight cylindrical circlip details specs on P109.

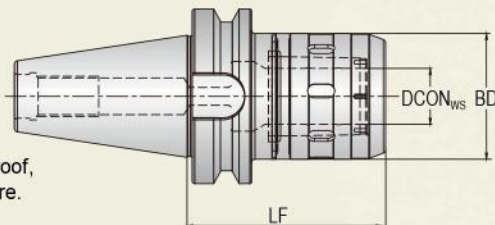
附件 ACCESSORIES	C20	C25	C32
扳手 WRENCH	G25	G32	G40
卡簧 COLLETS	C20	C25	C32

强力夹头刀柄/POWER MILLING HOLDER JIS B 6339 BT/BBT



FEATURES:

- Total runout: 0.001mm
- Inner wall grooving: cuts oil film, boosts clamping force & safety.
- Tool shank tolerance requirement: h6
- Sealed locking sleeve (front/rear): dust-proof, avoids contamination-induced holder failure.
- Internal coolant through design.



型号 MODEL		尺寸SIZE (mm)		
JIS B 6339-AD		DCON _{ws}	BD	LF
BT50-C20-105	50	20	52	105
BT50-C20-135	50	20	52	135
BT50-C25-110	50	25	60	110
BT50-C25-135	50	25	60	135
BT50-C25-165	50	25	60	165
BT50-C32-110	50	32	69	110
BT50-C32-135	50	32	69	135
BT50-C32-165	50	32	69	165
BT50-C32-200	50	32	69	200
BT50-C42-110	50	42	86	110
BT50-C42-160	50	42	86	160

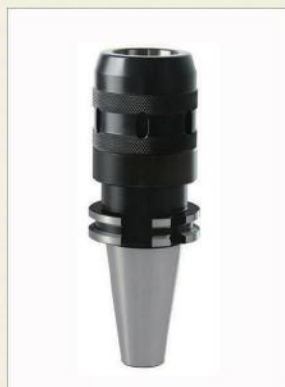
✧ Accessories need to be ordered separately.

✧ Straight cylindrical circlip details on P109.

附件 ACCESSORIES	C20	C25	C32	C42
扳手 WRENCH	G25	G32	G40	G130
卡簧 COLLETS	C20	C25	C32	C42

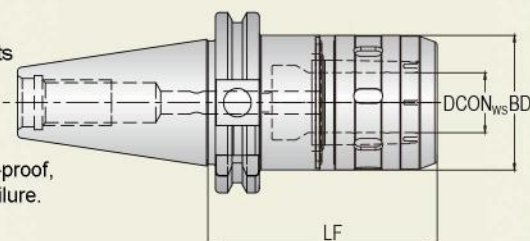
One-stop shop/OEM

强力夹头刀柄/POWER MILLING HOLDER DIN 69871 SK



FEATURES:

- Total runout: 0.001mm
- Inner wall grooving: cuts oil film, boosts clamping force & safety.
- Tool shank tolerance requirement: h6
- Sealed locking sleeve (front/rear): dust-proof, avoids contamination-induced holder failure.
- Internal coolant through design.



型号 MODEL DIN 69871-A		尺寸SIZE (mm)		
		DCON _{ws}	BD	LF
SK40-C20-90	40	20	52	90
SK40-C20-95	40	20	52	95
SK40-C25-100	40	25	60	100
SK40-C32-105	40	32	69	105
SK50-C20-105	50	20	52	105
SK50-C25-110	50	25	60	110
SK50-C32-110	50	32	69	110
SK50-C42-110	50	42	86	110

✧ Accessories need to be ordered separately.

✧ Straight cylindrical circlip details specs on P109.

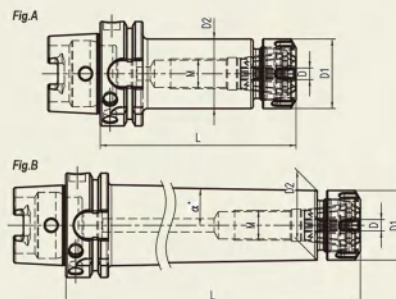
附件 ACCESSORIES	C20	C25	C32	C42
扳手 WRENCH	G25	G32	G40	G130
卡簧 COLLETS	C20	C25	C32	C42

ER弹簧夹头刀柄/ER COLLET CHUCKS DIN 69893 HSK-A



FEATURES:

- Inner taper bore to shank runout: 0.003mm
- Nut with special surface treatment for better clamping stability.
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Std: G6.3 dynamic balancing (15000rpm).
- Opt: G2.5 high-precision dynamic balancing (25000rpm)



型号 MODEL DIN 69893		D	D1	D2	L	M	α	Fig
HSK63A-ER11-75	HSK-A63	1. 0~7	19	19	75	M8×1-LH	-	A
HSK63A-ER11-90	HSK-A63	1. 0~7	19	19	90	M8×1-LH	-	A
HSK63A-ER11-120	HSK-A63	1. 0~7	19	19	120	M8×1-LH	-	A
HSK63A-ER11-160	HSK-A63	1. 0~7	19	19	160	M8×1-LH	-	A
HSK63A-ER11-200	HSK-A63	1. 0~7	19	19	200	M8×1-LH	-	A
HSK63A-ER16-80	HSK-A63	1. 0~10	28	28	80	7/16-20 UNF-LH	-	A
HSK63A-ER16-90	HSK-A63	1. 0~10	28	28	90	7/16-20 UNF-LH	-	A
HSK63A-ER16-100	HSK-A63	1. 0~10	28	28	100	7/16-20 UNF-LH	-	A
HSK63A-ER16-120	HSK-A63	1. 0~10	28	28	120	7/16-20 UNF-LH	-	A
HSK63A-ER16-160	HSK-A63	1. 0~10	28	28	160	7/16-20 UNF-LH	-	A
HSK63A-ER16-200	HSK-A63	1. 0~10	28	28	200	7/16-20 UNF-LH	-	A
HSK63A-ER16-250	HSK-A63	1. 0~10	28	28	250	7/16-20 UNF-LH	1	B
HSK63A-ER16-300	HSK-A63	1. 0~10	28	28	300	7/16-20 UNF-LH	1	B
HSK63A-ER16-350	HSK-A63	1. 0~10	28	28	350	7/16-20 UNF-LH	1	B
HSK63A-ER16-400	HSK-A63	1. 0~10	28	28	400	7/16-20 UNF-LH	1	B
HSK63A-ER20-80	HSK-A63	1. 0~13	34	34	80	M14×1.5-LH	-	A
HSK63A-ER20-90	HSK-A63	1. 0~13	34	34	90	M14×1.5-LH	-	A
HSK63A-ER20-100	HSK-A63	1. 0~13	34	34	100	M14×1.5-LH	-	A
HSK63A-ER20-120	HSK-A63	1. 0~13	34	34	120	M14×1.5-LH	-	A
HSK63A-ER20-160	HSK-A63	1. 0~13	34	34	160	M14×1.5-LH	-	A
HSK63A-ER20-200	HSK-A63	1. 0~13	34	34	200	M14×1.5-LH	-	A
HSK63A-ER20-250	HSK-A63	1. 0~13	34	34	250	M14×1.5-LH	1	B
HSK63A-ER20-300	HSK-A63	1. 0~13	34	34	300	M14×1.5-LH	1	B
HSK63A-ER20-350	HSK-A63	1. 0~13	34	34	350	M14×1.5-LH	1	B
HSK63A-ER20-400	HSK-A63	1. 0~13	34	34	400	M14×1.5-LH	1	B
HSK63A-ER25-80	HSK-A63	1. 0~16	42	42	80	-	-	A
HSK63A-ER25-90	HSK-A63	1. 0~16	42	42	90	M18×1.5-LH	-	A
HSK63A-ER25-100	HSK-A63	1. 0~16	42	42	100	M18×1.5-LH	-	A

✧ Accessories need to be ordered separately.

✧ ER circlip specifications details on P102.

✧ Nut details on P114.

配件 ASSEMBLE PARTS (选配)	ER11	ER16	ER20	ER25	ER32	ER40
螺母 NUTS	ER11-A	ER16-A	ER20-A	ER25-UM	ER32-UM	ER40-UM
滑动螺母 SLIDING NUTS	-	ER16S-A	ER20S-A	ER25S-UM	ER32S-UM	ER40S-UM
附件 ACCESSORIES	ER11	ER16	ER20	ER25	ER32	ER40
扳手 WRENCH	S17A	S25A	S30A	ER25UM	ER32UM	ER40UM
螺钉 SCREW	ER11C	ER16C	ER20C	ER25C	ER32C	ER40C
卡簧 COLLETS	ER11	ER16	ER20	ER25	ER32	ER40
冷却液套管 COOLANT TUBE	TS-HSK63 / TS-HSK63-W					
扳手 COOLANT TUBE WRENCH	HSK63					

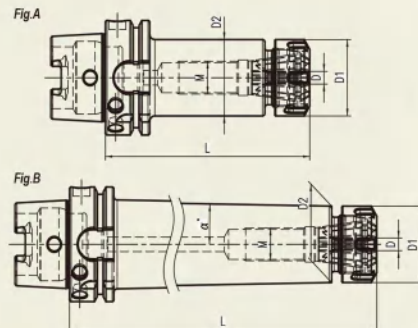
One-stop shop/OEM

ER弹簧夹头刀柄/ER COLLET CHUCKS DIN 69893 HSK-A



FEATURES:

- Inner taper bore to shank runout: 0.003mm
- Nut with special surface treatment for better clamping stability.
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Std: G6.3 dynamic balancing (15000rpm).
- Opt: G2.5 high-precision dynamic balancing (25000rpm)



型号 MODEL DIN 69893		D	D1	D2	L	M	α	Fig
HSK63A-ER25-120	HSK-A63	1. 0~16	42	42	120	M8×1.5-LH	-	A
HSK63A-ER25-160	HSK-A63	1. 0~16	42	42	160	M8×1.5-LH	-	A
HSK63A-ER25-200	HSK-A63	1. 0~16	42	42	200	M8×1.5-LH	-	A
HSK63A-ER25-250	HSK-A63	1. 0~16	42	42	250	M8×1.5-LH	1	B
HSK63A-ER25-300	HSK-A63	1. 0~16	42	42	300	M8×1.5-LH	1	B
HSK63A-ER25-350	HSK-A63	1. 0~16	42	42	350	M8×1.5-LH	1	B
HSK63A-ER25-400	HSK-A63	1. 0~16	42	42	400	M8×1.5-LH	1	B
HSK63A-ER32-80	HSK-A63	2. 0~20	50	50	80	-	-	A
HSK63A-ER32-90	HSK-A63	2. 0~20	50	50	90	M22×1.5-LH	-	A
HSK63A-ER32-100	HSK-A63	2. 0~20	50	50	100	M22×1.5-LH	-	A
HSK63A-ER32-120	HSK-A63	2. 0~20	50	50	120	M22×1.5-LH	-	A
HSK63A-ER32-160	HSK-A63	2. 0~20	50	50	160	M22×1.5-LH	-	A
HSK63A-ER32-200	HSK-A63	2. 0~20	50	50	200	M22×1.5-LH	-	A
HSK63A-ER32-250	HSK-A63	2. 0~20	50	50	250	M22×1.5-LH	-	A
HSK63A-ER32-300	HSK-A63	2. 0~20	50	50	300	M22×1.5-LH	-	A
HSK63A-ER32-350	HSK-A63	2. 0~20	50	50	350	M22×1.5-LH	-	A
HSK63A-ER32-400	HSK-A63	2. 0~20	50	50	400	M22×1.5-LH	-	A
HSK63A-ER40-80	HSK-A63	3. 0~26	63	53	80	-	-	A
HSK63A-ER40-90	HSK-A63	3. 0~26	63	53	90	-	-	A
HSK63A-ER40-100	HSK-A63	3. 0~26	63	53	100	1 1/8-16 UN-LH	-	A
HSK63A-ER40-120	HSK-A63	3. 0~26	63	53	120	1 1/8-16 UN-LH	-	A
HSK63A-ER40-160	HSK-A63	3. 0~26	63	53	160	1 1/8-16 UN-LH	-	A
HSK63A-ER40-200	HSK-A63	3. 0~26	63	53	200	1 1/8-16 UN-LH	-	A
HSK63A-ER40-250	HSK-A63	3. 0~26	63	53	250	1 1/8-16 UN-LH	-	A
HSK63A-ER40-300	HSK-A63	3. 0~26	63	53	300	1 1/8-16 UN-LH	-	A
HSK63A-ER40-350	HSK-A63	3. 0~26	63	53	350	1 1/8-16 UN-LH	-	A
HSK63A-ER40-400	HSK-A63	3. 0~26	63	53	400	1 1/8-16 UN-LH	-	A

✧ Accessories need to be ordered separately.

✧ ER circlip specifications details on P102.

✧ Nut details on P114.

配件 ASSEMBLE PARTS (选配)	ER11	ER16	ER20	ER25	ER32	ER40
螺母 NUTS	ER11-A	ER16-A	ER20-A	ER25-UM	ER32-UM	ER40-UM
滑动螺母 SLIDING NUTS	-	ER16S-A	ER20S-A	ER25S-UM	ER32S-UM	ER40S-UM
附件 ACCESSORIES	ER11	ER16	ER20	ER25	ER32	ER40
扳手 WRENCH	S17A	S25A	S30A	ER25UM	ER32UM	ER40UM
螺钉 SCREW	ER11C	ER16C	ER20C	ER25C	ER32C	ER40C
卡簧 COLLETS	ER11	ER16	ER20	ER25	ER32	ER40
冷却液套管 COOLANT TUBE	TS-HSK63 / TS-HSK63-W					
扳手 COOLANT TUBE WRENCH	HSK63					

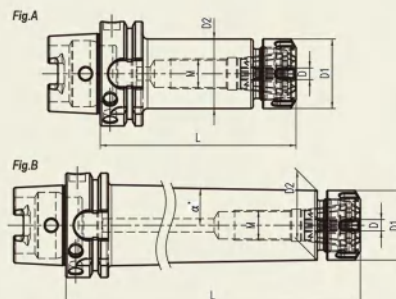
ER弹簧夹头刀柄/ER COLLET CHUCKS

DIN 69893 HSK-A



FEATURES:

- Inner taper bore to shank runout: 0.003mm
- Nut with special surface treatment for better clamping stability.
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Std: G6.3 dynamic balancing (15000rpm).
- Opt: G2.5 high-precision dynamic balancing (25000rpm)



型号 MODEL DIN 69893		D	D1	D2	L	M	α	Fig
HSK100A-ER16-90	HSK-A100	1.0~10	28	28	90	7/16-20 UNF-LH	-	A
HSK100A-ER16-100	HSK-A100	1.0~10	28	28	100	7/16-20 UNF-LH	-	A
HSK100A-ER16-120	HSK-A100	1.0~10	28	28	120	7/16-20 UNF-LH	-	A
HSK100A-ER16-160	HSK-A100	1.0~10	28	28	160	7/16-20 UNF-LH	-	A
HSK100A-ER16-200	HSK-A100	1.0~10	28	28	200	7/16-20 UNF-LH	-	A
HSK100A-ER16-250	HSK-A100	1.0~10	28	28	250	7/16-20 UNF-LH	1	B
HSK100A-ER16-300	HSK-A100	1.0~10	28	28	300	7/16-20 UNF-LH	1	B
HSK100A-ER16-350	HSK-A100	1.0~10	28	28	350	7/16-20 UNF-LH	1	B
HSK100A-ER16-400	HSK-A100	1.0~10	28	28	400	7/16-20 UNF-LH	1	B
HSK100A-ER20-90	HSK-A100	1.0~13	34	34	90	M14×1.5-LH	-	A
HSK100A-ER20-100	HSK-A100	1.0~13	34	34	100	M14×1.5-LH	-	A
HSK100A-ER20-120	HSK-A100	1.0~13	34	34	120	M14×1.5-LH	-	A
HSK100A-ER20-160	HSK-A100	1.0~13	34	34	160	M14×1.5-LH	-	A
HSK100A-ER20-200	HSK-A100	1.0~13	34	34	200	M14×1.5-LH	-	A
HSK100A-ER20-250	HSK-A100	1.0~13	34	34	250	M14×1.5-LH	1	B
HSK100A-ER20-300	HSK-A100	1.0~13	34	34	300	M14×1.5-LH	1	B
HSK100A-ER20-350	HSK-A100	1.0~13	34	34	350	M14×1.5-LH	1	B
HSK100A-ER20-400	HSK-A100	1.0~13	34	34	400	M14×1.5-LH	1	B
HSK100A-ER25-90	HSK-A100	1.0~16	42	42	90	M18×1.5-LH	-	A
HSK100A-ER25-100	HSK-A100	1.0~16	42	42	100	M18×1.5-LH	-	A
HSK100A-ER25-120	HSK-A100	1.0~16	42	42	120	M18×1.5-LH	-	A
HSK100A-ER25-160	HSK-A100	1.0~16	42	42	160	M18×1.5-LH	-	A
HSK100A-ER25-200	HSK-A100	1.0~16	42	42	200	M18×1.5-LH	-	A
HSK100A-ER25-250	HSK-A100	1.0~16	42	42	250	M18×1.5-LH	1	B
HSK100A-ER25-300	HSK-A100	1.0~16	42	42	300	M18×1.5-LH	1	B
HSK100A-ER25-350	HSK-A100	1.0~16	42	42	350	M18×1.5-LH	1	B
HSK100A-ER25-400	HSK-A100	1.0~16	42	42	400	M18×1.5-LH	1	B

✧ Accessories need to be ordered separately.

✧ ER circlip specifications details on P102.

✧ Nut details on P114.

配件 ASSEMBLE PARTS (选配)	ER16	ER20	ER25	ER32	ER40
螺母 NUTS	ER16-A	ER20-A	ER25-UM	ER32-UM	ER40-UM
滑动螺母 SLIDING NUTS	ER16S-A	ER20S-A	ER25S-UM	ER32S-UM	ER40S-UM
附件 ACCESSORIES	ER16	ER20	ER25	ER32	ER40
扳手 WRENCH	S25A	S30A	ER25UM	ER32UM	ER40UM
螺钉 SCREW	ER16C	ER20C	ER25C	ER32C	ER40C
卡簧 COLLETS	ER16	ER20	ER25	ER32	ER40
冷却液套管 COOLANT TUBE	TS-HSK100 / TS-HSK100-W				
扳手 COOLANT TUBE WRENCH	HSK100				

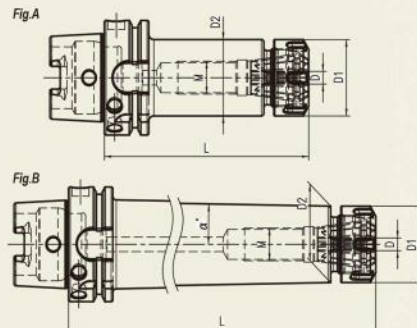
One-stop shop/OEM

ER弹簧夹头刀柄/ER COLLET CHUCKS DIN 69893 HSK-A



FEATURES:

- Inner taper bore to shank runout: 0.003mm
- Nut with special surface treatment for better clamping stability.
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Std: G6.3 dynamic balancing (15000rpm).
- Opt: G2.5 high-precision dynamic balancing (25000rpm)



型号 MODEL DIN 69893		尺寸SIZE (mm)							
		D	D1	D2	L	M	a	Fig	
HSK100A-ER32-100	HSK-A100	2. 0~20	50	50	100	M22×1. 5-LH	-	A	
HSK100A-ER32-120	HSK-A100	2. 0~20	50	50	120	M22×1. 5-LH	-	A	
HSK100A-ER32-160	HSK-A100	2. 0~20	50	50	160	M22×1. 5-LH	-	A	
HSK100A-ER32-200	HSK-A100	2. 0~20	50	50	200	M22×1. 5-LH	-	A	
HSK100A-ER32-250	HSK-A100	2. 0~20	50	50	250	M22×1. 5-LH	1	B	
HSK100A-ER32-300	HSK-A100	2. 0~20	50	50	300	M22×1. 5-LH	1	B	
HSK100A-ER32-350	HSK-A100	2. 0~20	50	50	350	M22×1. 5-LH	1	B	
HSK100A-ER32-400	HSK-A100	2. 0~20	50	50	400	M22×1. 5-LH	1	B	
HSK100A-ER40-100	HSK-A100	3. 0~26	63	63	100	-	-	A	
HSK100A-ER40-120	HSK-A100	3. 0~26	63	63	120	1 1/8-16 UN-LH	-	A	
HSK100A-ER40-160	HSK-A100	3. 0~26	63	63	160	1 1/8-16 UN-LH	-	A	
HSK100A-ER40-200	HSK-A100	3. 0~26	63	63	200	1 1/8-16 UN-LH	-	A	
HSK100A-ER40-250	HSK-A100	3. 0~26	63	63	250	1 1/8-16 UN-LH	1	B	
HSK100A-ER40-300	HSK-A100	3. 0~26	63	63	300	1 1/8-16 UN-LH	1	B	
HSK100A-ER40-350	HSK-A100	3. 0~26	63	63	350	1 1/8-16 UN-LH	1	B	
HSK100A-ER40-400	HSK-A100	3. 0~26	63	63	400	1 1/8-16 UN-LH	1	B	

✧ Accessories need to be ordered separately.

✧ ER circlip specifications details on P102.

✧ Nut details on P114.

配件 ASSEMBLE PARTS (选配)	ER16	ER20	ER25	ER32	ER40
螺母 NUTS	ER16-A	ER20-A	ER25-UM	ER32-UM	ER40-UM
滑动螺母 SLIDING NUTS	ER16S-A	ER20S-A	ER25S-UM	ER32S-UM	ER40S-UM
附件 ACCESSORIES	ER16	ER20	ER25	ER32	ER40
扳手 WRENCH	S25A	S30A	ER25UM	ER32UM	ER40UM
螺钉 SCREW	ER16C	ER20C	ER25C	ER32C	ER40C
卡簧 COLLETS	ER16	ER20	ER25	ER32	ER40
冷却液套管 COOLANT TUBE	TS-HSK100 / TS-HSK100-W				
扳手 COOLANT TUBE WRENCH	HSK100				

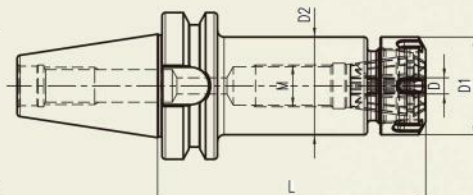
ER弹簧夹头刀柄/ER COLLET CHUCKS

JIS B 6339 BT/BBT



FEATURES:

- Inner taper bore to shank runout: 0.003mm
- Nut with special surface treatment for better clamping stability.
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Std: G6.3 dynamic balancing (15000rpm).
- Opt: G2.5 high-precision dynamic balancing (25000rpm)



型号 MODEL		尺寸SIZE (mm)				
JIS B 6339-AD		D	D1	D2	L	M
BT/BBT30-ER11-60	30	1.0~7	19	19	60	M18×1-LH
BT/BBT30-ER11-90	30	1.0~7	19	19	90	M18×1-LH
BT/BBT30-ER11-120	30	1.0~7	19	19	120	M18×1-LH
BT/BBT30-ER16-60	30	1.0~10	28	28	60	7/16-20 UNF-LH
BT/BBT30-ER16-90	30	1.0~10	28	28	90	7/16-20 UNF-LH
BT/BBT30-ER16-120	30	1.0~10	28	28	120	7/16-20 UNF-LH
BT/BBT30-ER20-60	30	1.0~13	34	34	60	M14×1.5-LH
BT/BBT30-ER20-90	30	1.0~13	34	34	90	M14×1.5-LH
BT/BBT30-ER20-120	30	1.0~13	34	34	120	M14×1.5-LH
BT/BBT30-ER25-60	30	1.0~16	42	42	60	M18×1.5-LH
BT/BBT30-ER25-90	30	1.0~16	42	42	90	M18×1.5-LH
BT/BBT30-ER25-120	30	1.0~16	42	42	120	M18×1.5-LH
BT/BBT30-ER32-60	30	2.0~20	50	50	60	M22×1.5-LH
BT/BBT30-ER32-90	30	2.0~20	50	50	90	M22×1.5-LH
BT/BBT30-ER32-120	30	2.0~20	50	50	120	M22×1.5-LH

- ✧ Accessories need to be ordered separately.
- ✧ ER circlip specifications details on P102.
- ✧ Nut details on P114.

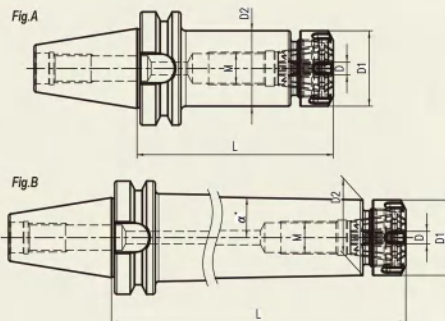
配件 ASSEMBLE PARTS (选配)	ER11	ER16	ER20	ER25	ER32
螺母 NUTS	ER11-A	ER16-A	ER20-A	ER25-UM	ER32-UM
滑动螺母 SLIDING NUTS	-	ER16S-A	ER20S-A	ER25S-UM	ER32S-UM
附件 ACCESSORIES	ER11	ER16	ER20	ER25	ER32
扳手 WRENCH	S17A	S25A	S30A	ER25UM	ER32UM
螺钉 SCREW	ER11C	ER16C	ER20C	ER25C	ER32C
卡簧 COLLETS	ER11	ER16	ER20	ER25	ER32

ER弹簧夹头刀柄/ER COLLET CHUCKS JIS B 6339 BT/BBT



FEATURES:

- Inner taper bore to shank runout: 0.003mm
- Nut with special surface treatment for better clamping stability.
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Std: G6.3 dynamic balancing (15000rpm).
- Opt: G2.5 high-precision dynamic balancing (25000rpm)



型号 MODEL		尺寸SIZE (mm)							
JIS B 6339-AD		D	D1	D2	L	M	α	Fig	
BT/BBT40-ER11-70	40	1.0~7	19	19	70	M8×1-LH	-	A	
BT/BBT40-ER11-90	40	1.0~7	19	19	90	M8×1-LH	-	A	
BT/BBT40-ER11-100	40	1.0~7	19	19	100	M8×1-LH	-	A	
BT/BBT40-ER11-120	40	1.0~7	19	19	120	M8×1-LH	-	A	
BT/BBT40-ER11-160	40	1.0~7	19	19	160	M8×1-LH	-	A	
BT/BBT40-ER11-200	40	1.0~7	19	19	200	M8×1-LH	-	A	
BT/BBT40-ER16-70	40	1.0~10	28	28	70	7/16-20 UNF-LH	-	A	
BT/BBT40-ER16-90	40	1.0~10	28	28	90	7/16-20 UNF-LH	-	A	
BT/BBT40-ER16-100	40	1.0~10	28	28	100	7/16-20 UNF-LH	-	A	
BT/BBT40-ER16-120	40	1.0~10	28	28	120	7/16-20 UNF-LH	-	A	
BT/BBT40-ER16-150	40	1.0~10	28	28	150	7/16-20 UNF-LH	-	A	
BT/BBT40-ER16-160	40	1.0~10	28	28	160	7/16-20 UNF-LH	-	A	
BT/BBT40-ER16-200	40	1.0~10	28	28	200	7/16-20 UNF-LH	-	A	
BT/BBT40-ER16-250	40	1.0~10	28	28	250	7/16-20 UNF-LH	1	B	
BT/BBT40-ER16-300	40	1.0~10	28	28	300	7/16-20 UNF-LH	1	B	
BT/BBT40-ER16-350	40	1.0~10	28	28	350	7/16-20 UNF-LH	1	B	
BT/BBT40-ER16-400	40	1.0~10	28	28	400	7/16-20 UNF-LH	1	B	
BT/BBT40-ER20-70	40	1.0~13	34	34	70	M14×1.5-LH	-	A	
BT/BBT40-ER20-80	40	1.0~13	34	34	80	M14×1.5-LH	-	A	
BT/BBT40-ER20-90	40	1.0~13	34	34	90	M14×1.5-LH	-	A	
BT/BBT40-ER20-100	40	1.0~13	34	34	100	M14×1.5-LH	-	A	
BT/BBT40-ER20-120	40	1.0~13	34	34	120	M14×1.5-LH	-	A	
BT/BBT40-ER20-150	40	1.0~13	34	34	150	M14×1.5-LH	-	A	
BT/BBT40-ER20-160	40	1.0~13	34	34	160	M14×1.5-LH	-	A	
BT/BBT40-ER20-200	40	1.0~13	34	34	200	M14×1.5-LH	-	A	
BT/BBT40-ER20-250	40	1.0~13	34	34	250	M14×1.5-LH	1	B	
BT/BBT40-ER20-300	40	1.0~13	34	34	300	M14×1.5-LH	1	B	
BT/BBT40-ER20-350	40	1.0~13	34	34	350	M14×1.5-LH	1	B	
BT/BBT40-ER20-400	40	1.0~13	34	34	400	M14×1.5-LH	1	B	

✧ Accessories need to be ordered separately.

✧ ER circlip specifications details on P102.

✧ Nut details on P114.

配件 ASSEMBLE PARTS (选配)	ER11	ER16	ER20	ER25	ER32	ER40
螺母 NUTS	ER11-A	ER16-A	ER20-A	ER25-UM	ER32-UM	ER40-UM
滑动螺母 SLIDING NUTS	-	ER16S-A	ER20S-A	ER25S-UM	ER32S-UM	ER40S-UM
附件 ACCESSORIES	ER11	ER16	ER20	ER25	ER32	ER40
扳手 WRENCH	S17A	S25A	S30A	ER25UM	ER32UM	ER40UM
螺钉 SCREW	ER11C	ER16C	ER20C	ER25C	ER32C	ER40C
卡簧 COLLETS	ER11	ER16	ER20	ER25	ER32	ER40

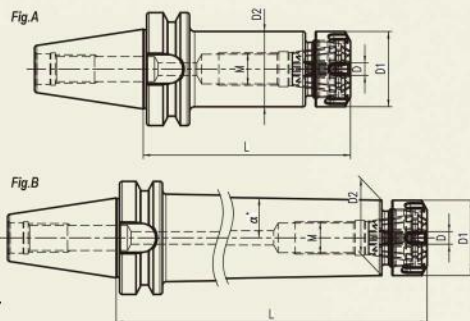
ER弹簧夹头刀柄/ER COLLET CHUCKS

JIS B 6339 BT/BBT



FEATURES:

- Inner taper bore to shank runout: 0.003mm
- Nut with special surface treatment for better clamping stability.
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Std: G6.3 dynamic balancing (15000rpm).
- Opt: G2.5 high-precision dynamic balancing (25000rpm)



型号 MODEL JIS B 6339-AD		D	D1	D2	L	尺寸SIZE (mm)	M	α	Fig
BT/BBT40-ER25-70	40	1.0~16	42	42	70	M8×1.5-LH	—	—	A
BT/BBT40-ER25-80	40	1.0~16	42	42	80	M8×1.5-LH	—	—	A
BT/BBT40-ER25-90	40	1.0~16	42	42	90	M8×1.5-LH	—	—	A
BT/BBT40-ER25-100	40	1.0~16	42	42	100	M8×1.5-LH	—	—	A
BT/BBT40-ER25-120	40	1.0~16	42	42	120	M8×1.5-LH	—	—	A
BT/BBT40-ER25-150	40	1.0~16	42	42	150	M8×1.5-LH	—	—	A
BT/BBT40-ER25-160	40	1.0~16	42	42	160	M8×1.5-LH	—	—	A
BT/BBT40-ER25-200	40	1.0~16	42	42	200	M8×1.5-LH	—	—	A
BT/BBT40-ER25-250	40	1.0~16	42	42	250	M8×1.5-LH	1	1	B
BT/BBT40-ER25-300	40	1.0~16	42	42	300	M8×1.5-LH	1	1	B
BT/BBT40-ER25-350	40	1.0~16	42	42	350	M8×1.5-LH	1	1	B
BT/BBT40-ER25-400	40	1.0~16	42	42	400	M8×1.5-LH	1	1	B
BT/BBT40-ER32-60	40	2.0~20	50	50	60	M22×1.5-LH	—	—	A
BT/BBT40-ER32-70	40	2.0~20	50	50	70	M22×1.5-LH	—	—	A
BT/BBT40-ER32-80	40	2.0~20	50	50	80	M22×1.5-LH	—	—	A
BT/BBT40-ER32-90	40	2.0~20	50	50	90	M22×1.5-LH	—	—	A
BT/BBT40-ER32-100	40	2.0~20	50	50	100	M22×1.5-LH	—	—	A
BT/BBT40-ER32-120	40	2.0~20	50	50	120	M22×1.5-LH	—	—	A
BT/BBT40-ER32-150	40	2.0~20	50	50	150	M22×1.5-LH	—	—	A
BT/BBT40-ER32-160	40	2.0~20	50	50	160	M22×1.5-LH	—	—	A
BT/BBT40-ER32-200	40	2.0~20	50	50	200	M22×1.5-LH	—	—	A
BT/BBT40-ER32-250	40	2.0~20	50	50	250	M22×1.5-LH	1	1	B
BT/BBT40-ER32-300	40	2.0~20	50	50	300	M22×1.5-LH	1	1	B
BT/BBT40-ER32-350	40	2.0~20	50	50	350	M22×1.5-LH	1	1	B
BT/BBT40-ER32-400	40	2.0~20	50	50	400	M22×1.5-LH	1	1	B

✧ Accessories need to be ordered separately.

✧ ER circlip specifications details on P102.

✧ Nut details on P114.

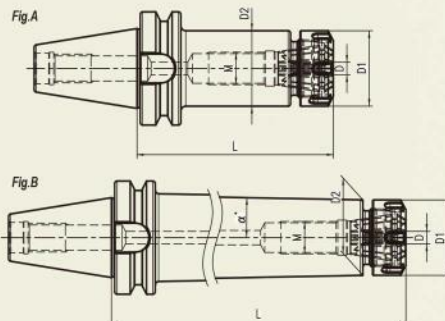
配件 ASSEMBLE PARTS (选配)	ER11	ER16	ER20	ER25	ER32	ER40
螺母 NUTS	ER11-A	ER16-A	ER20-A	ER25-UM	ER32-UM	ER40-UM
滑动螺母 SLIDING NUTS	-	ER16S-A	ER20S-A	ER25S-UM	ER32S-UM	ER40S-UM
附件 ACCESSORIES	ER11	ER16	ER20	ER25	ER32	ER40
扳手 WRENCH	S17A	S25A	S30A	ER25UM	ER32UM	ER40UM
螺钉 SCREW	ER11C	ER16C	ER20C	ER25C	ER32C	ER40C
卡簧 COLLETS	ER11	ER16	ER20	ER25	ER32	ER40

ER弹簧夹头刀柄/ER COLLET CHUCKS JIS B 6339 BT/BBT



FEATURES:

- Inner taper bore to shank runout: 0.003mm
- Nut with special surface treatment for better clamping stability.
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Std: G6.3 dynamic balancing (15000rpm).
- Opt: G2.5 high-precision dynamic balancing (25000rpm)



型号 MODEL		尺寸SIZE (mm)							
JIS B 6339-AD		D	D1	D2	L	M	α	Fig	
BT/BBT40-ER40-70	40	3. 0~26	63	60	70	1 1/8-16 UN-LH	-	A	
BT/BBT40-ER40-80	40	3. 0~26	63	60	80	1 1/8-16 UN-LH	-	A	
BT/BBT40-ER40-90	40	3. 0~26	63	60	90	1 1/8-16 UN-LH	-	A	
BT/BBT40-ER40-100	40	3. 0~26	63	60	100	1 1/8-16 UN-LH	-	A	
BT/BBT40-ER40-120	40	3. 0~26	63	60	120	1 1/8-16 UN-LH	-	A	
BT/BBT40-ER40-150	40	3. 0~26	63	60	150	1 1/8-16 UN-LH	-	A	
BT/BBT40-ER40-160	40	3. 0~26	63	60	160	1 1/8-16 UN-LH	-	A	
BT/BBT40-ER40-200	40	3. 0~26	63	60	200	1 1/8-16 UN-LH	-	A	
BT/BBT40-ER40-250	40	3. 0~26	63	60	250	1 1/8-16 UN-LH	-	B	
BT/BBT40-ER40-300	40	3. 0~26	63	60	300	1 1/8-16 UN-LH	-	B	
BT/BBT40-ER40-350	40	3. 0~26	63	60	350	1 1/8-16 UN-LH	-	B	
BT/BBT40-ER40-400	40	3. 0~26	63	60	400	1 1/8-16 UN-LH	-	B	

✧ Accessories need to be ordered separately.

✧ ER circlip specifications details on P102.

✧ Nut details on P114.

配件 ASSEMBLE PARTS (选配)	ER11	ER16	ER20	ER25	ER32	ER40
螺母 NUTS	ER11-A	ER16-A	ER20-A	ER25-UM	ER32-UM	ER40-UM
滑动螺母 SLIDING NUTS	-	ER16S-A	ER20S-A	ER25S-UM	ER32S-UM	ER40S-UM
附件 ACCESSORIES	ER11	ER16	ER20	ER25	ER32	ER40
扳手 WRENCH	S17A	S25A	S30A	ER25UM	ER32UM	ER40UM
螺钉 SCREW	ER11C	ER16C	ER20C	ER25C	ER32C	ER40C
卡簧 COLLETS	ER11	ER16	ER20	ER25	ER32	ER40

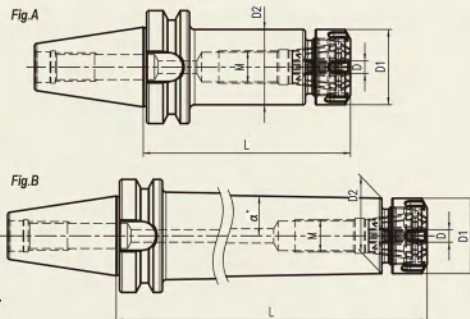
ER弹簧夹头刀柄/ER COLLET CHUCKS

JIS B 6339 BT/BBT



FEATURES:

- Inner taper bore to shank runout: 0.003mm
- Nut with special surface treatment for better clamping stability.
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Std: G6.3 dynamic balancing (15000rpm).
- Opt: G2.5 high-precision dynamic balancing (25000rpm)



型号 MODEL JIS B 6339-AD		D	D1	D2	L	M	α	Fig
BT/BBT50-ER11-70	50	1.0~7	19	19	70	M8×1-LH	-	A
BT/BBT50-ER11-100	50	1.0~7	19	19	100	M8×1-LH	-	A
BT/BBT50-ER16-70	50	1.0~10	28	28	70	7/16-20 UNF-LH	-	A
BT/BBT50-ER16-80	50	1.0~10	28	28	80	7/16-20 UNF-LH	-	A
BT/BBT50-ER16-90	50	1.0~10	28	28	90	7/16-20 UNF-LH	-	A
BT/BBT50-ER16-100	50	1.0~10	28	28	100	7/16-20 UNF-LH	-	A
BT/BBT50-ER16-120	50	1.0~10	28	28	120	7/16-20 UNF-LH	-	A
BT/BBT50-ER16-160	50	1.0~10	28	28	160	7/16-20 UNF-LH	-	A
BT/BBT50-ER16-165	50	1.0~10	28	28	165	7/16-20 UNF-LH	-	A
BT/BBT50-ER16-200	50	1.0~10	28	28	200	7/16-20 UNF-LH	-	A
BT/BBT50-ER16-250	50	1.0~10	28	28	250	7/16-20 UNF-LH	1	B
BT/BBT50-ER16-300	50	1.0~10	28	28	300	7/16-20 UNF-LH	1	B
BT/BBT50-ER16-350	50	1.0~10	28	28	350	7/16-20 UNF-LH	1	B
BT/BBT50-ER16-400	50	1.0~10	28	28	400	7/16-20 UNF-LH	1	B
BT/BBT50-ER20-70	50	1.0~13	34	34	70	M14×1.5-LH	-	A
BT/BBT50-ER20-80	50	1.0~13	34	34	80	M14×1.5-LH	-	A
BT/BBT50-ER20-90	50	1.0~13	34	34	90	M14×1.5-LH	-	A
BT/BBT50-ER20-100	50	1.0~13	34	34	100	M14×1.5-LH	-	A
BT/BBT50-ER20-120	50	1.0~13	34	34	120	M14×1.5-LH	-	A
BT/BBT50-ER20-135	50	1.0~13	34	34	135	M14×1.5-LH	-	A
BT/BBT50-ER20-160	50	1.0~13	34	34	160	M14×1.5-LH	-	A
BT/BBT50-ER20-165	50	1.0~13	34	34	165	M14×1.5-LH	-	A
BT/BBT50-ER20-200	50	1.0~13	34	34	200	M14×1.5-LH	-	A
BT/BBT50-ER20-250	50	1.0~13	34	34	250	M14×1.5-LH	1	B
BT/BBT50-ER20-300	50	1.0~13	34	34	300	M14×1.5-LH	1	B
BT/BBT50-ER20-350	50	1.0~13	34	34	350	M14×1.5-LH	1	B
BT/BBT50-ER20-400	50	1.0~13	34	34	400	M14×1.5-LH	1	B
BT/BBT50-ER25-70	50	1.0~16	42	42	70	M18×1.5-LH	-	A
BT/BBT50-ER25-80	50	1.0~16	42	42	80	M18×1.5-LH	-	A
BT/BBT50-ER25-90	50	1.0~16	42	42	90	M18×1.5-LH	-	A
BT/BBT50-ER25-100	50	1.0~16	42	42	100	M18×1.5-LH	-	A
BT/BBT50-ER25-120	50	1.0~16	42	42	120	M18×1.5-LH	-	A

✧ Accessories need to be ordered separately.

✧ ER circlip specifications details on P102.

✧ Nut details on P114.

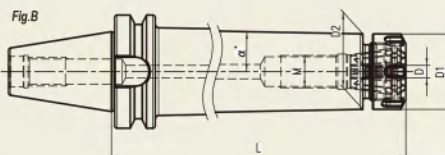
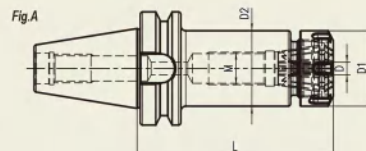
配件 ASSEMBLE PARTS	ER11	ER16	ER20	ER25	ER32	ER40
螺母 NUTS	ER11-A	ER16-A	ER20-A	ER25-UM	ER32-UM	ER40-UM
滑动螺母 SLIDING NUTS	-	ER16S-A	ER20S-A	ER25S-UM	ER32S-UM	ER40S-UM
附件 ACCESSORIES	ER11	ER16	ER20	ER25	ER32	ER40
扳手 WRENCH	S17A	S25A	S30A	ER25UM	ER32UM	ER40UM
螺钉 SCREW	ER11C	ER16C	ER20C	ER25C	ER32C	ER40C
卡簧 COLLETS	ER11	ER16	ER20	ER25	ER32	ER40

ER弹簧夹头刀柄/ER COLLET CHUCKS JIS B 6339 BT/BBT



FEATURES:

- Inner taper bore to shank runout: 0.003mm
- Nut with special surface treatment for better clamping stability.
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Std: G6.3 dynamic balancing (15000rpm).
- Opt: G2.5 high-precision dynamic balancing (25000rpm)



型号 MODEL		尺寸SIZE (mm)							
JIS B 6339-AD		D	D1	D2	L	M	α	Fig	
BT/BBT50-ER25-160	50	1.0~16	42	42	160	M18×1.5-LH	-	A	
BT/BBT50-ER25-165	50	1.0~16	42	42	165	M18×1.5-LH	-	A	
BT/BBT50-ER25-200	50	1.0~16	42	42	200	M18×1.5-LH	-	A	
BT/BBT50-ER25-250	50	1.0~16	42	42	250	M18×1.5-LH	1	B	
BT/BBT50-ER25-300	50	1.0~16	42	42	300	M18×1.5-LH	1	B	
BT/BBT50-ER25-350	50	1.0~16	42	42	350	M18×1.5-LH	1	B	
BT/BBT50-ER25-400	50	1.0~16	42	42	400	M18×1.5-LH	1	B	
BT/BBT50-ER32-70	50	2.0~20	50	50	70	M22×1.5-LH	-	A	
BT/BBT50-ER32-90	50	2.0~20	50	50	90	M22×1.5-LH	-	A	
BT/BBT50-ER32-100	50	2.0~20	50	50	100	M22×1.5-LH	-	A	
BT/BBT50-ER32-120	50	2.0~20	50	50	120	M22×1.5-LH	-	A	
BT/BBT50-ER32-160	50	2.0~20	50	50	160	M22×1.5-LH	-	A	
BT/BBT50-ER32-165	50	2.0~20	50	50	165	M22×1.5-LH	-	A	
BT/BBT50-ER32-200	50	2.0~20	50	50	200	M22×1.5-LH	-	A	
BT/BBT50-ER32-250	50	2.0~20	50	50	250	M22×1.5-LH	1	B	
BT/BBT50-ER32-300	50	2.0~20	50	50	300	M22×1.5-LH	1	B	
BT/BBT50-ER32-350	50	2.0~20	50	50	350	M22×1.5-LH	1	B	
BT/BBT50-ER32-400	50	2.0~20	50	50	400	M22×1.5-LH	1	B	
BT/BBT50-ER40-70	50	3.0~26	63	63	70	1 1/8-16 UN-LH	-	A	
BT/BBT50-ER40-90	50	3.0~26	63	63	90	1 1/8-16 UN-LH	-	A	
BT/BBT50-ER40-100	50	3.0~26	63	63	100	1 1/8-16 UN-LH	-	A	
BT/BBT50-ER40-120	50	3.0~26	63	63	120	1 1/8-16 UN-LH	-	A	
BT/BBT50-ER40-165	50	3.0~26	63	63	165	1 1/8-16 UN-LH	-	A	
BT/BBT50-ER40-200	50	3.0~26	63	63	200	1 1/8-16 UN-LH	-	A	
BT/BBT50-ER40-250	50	3.0~26	63	63	250	1 1/8-16 UN-LH	1	B	
BT/BBT50-ER40-300	50	3.0~26	63	63	300	1 1/8-16 UN-LH	1	B	
BT/BBT50-ER40-350	50	3.0~26	63	63	350	1 1/8-16 UN-LH	1	B	
BT/BBT50-ER40-400	50	3.0~26	63	63	400	1 1/8-16 UN-LH	1	B	

✧ Accessories need to be ordered separately.

✧ ER circlip specifications details on P102.

✧ Nut details on P114.

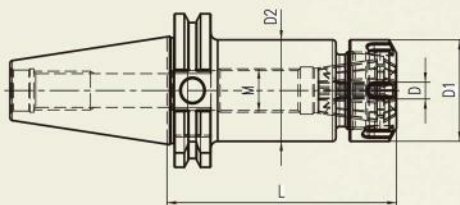
配件 ASSEMBLE PARTS	ER11	ER16	ER20	ER25	ER32	ER40
螺母 NUTS	ER11-A	ER16-A	ER20-A	ER25-UM	ER32-UM	ER40-UM
滑动螺母 SLIDING NUTS	-	ER16S-A	ER20S-A	ER25S-UM	ER32S-UM	ER40S-UM
附件 ACCESSORIES	ER11	ER16	ER20	ER25	ER32	ER40
扳手 WRENCH	S17A	S25A	S30A	ER25UM	ER32UM	ER40UM
螺钉 SCREW	ER11C	ER16C	ER20C	ER25C	ER32C	ER40C
卡簧 COLLETS	ER11	ER16	ER20	ER25	ER32	ER40

ER弹簧夹头刀柄/ER COLLET CHUCKS DIN 69871 SK



FEATURES:

- Inner taper bore to shank runout: 0.003mm
- Nut with special surface treatment for better clamping stability.
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Std: G6.3 dynamic balancing (15000rpm).
- Opt: G2.5 high-precision dynamic balancing (25000rpm)



型号 MODEL DIN 69871-A		D	D1	D2	尺寸SIZE (mm)	L	M
SK40-ER11-70	40	1.0~7	19	19	M8×1-LH	70	
SK40-ER11-100	40	1.0~7	19	19	M8×1-LH	100	
SK40-ER11-120	40	1.0~7	19	19	M8×1-LH	120	
SK40-ER16-70	40	1.0~10	28	28	7/16-20 UNF-LH	70	
SK40-ER16-100	40	1.0~10	28	28	7/16-20 UNF-LH	100	
SK40-ER16-120	40	1.0~10	28	28	7/16-20 UNF-LH	120	
SK40-ER16-160	40	1.0~10	28	28	7/16-20 UNF-LH	160	
SK40-ER20-70	40	1.0~13	34	34	M14×1.5-LH	70	
SK40-ER20-80	40	1.0~13	34	34	M14×1.5-LH	80	
SK40-ER20-100	40	1.0~13	34	34	M14×1.5-LH	100	
SK40-ER20-120	40	1.0~13	34	34	M14×1.5-LH	120	
SK40-ER20-160	40	1.0~13	34	34	M14×1.5-LH	160	
SK40-ER25-70	40	2.0~16	42	42	M18×1.5-LH	70	
SK40-ER25-80	40	2.0~16	42	42	M18×1.5-LH	80	
SK40-ER25-100	40	2.0~16	42	42	M18×1.5-LH	100	
SK40-ER25-120	40	2.0~16	42	42	M18×1.5-LH	120	
SK40-ER25-160	40	2.0~16	42	42	M18×1.5-LH	160	
SK40-ER32-60	40	2.0~16	50	50	M22×1.5-LH	60	
SK40-ER32-70	40	2.0~20	50	50	M22×1.5-LH	70	
SK40-ER32-100	40	2.0~20	50	50	M22×1.5-LH	100	
SK40-ER32-120	40	2.0~20	50	50	M22×1.5-LH	120	
SK40-ER32-160	40	2.0~20	50	50	M22×1.5-LH	160	
SK40-ER40-70	40	3.0~26	63	63	1 1/8-16 UN-LH	70	
SK40-ER40-80	40	3.0~26	63	63	1 1/8-16 UN-LH	80	
SK40-ER40-100	40	3.0~26	63	63	1 1/8-16 UN-LH	100	
SK40-ER40-160	40	3.0~26	63	63	1 1/8-16 UN-LH	160	

✧ Accessories need to be ordered separately.

✧ ER circlip specifications details on P102.

✧ Nut details on P114.

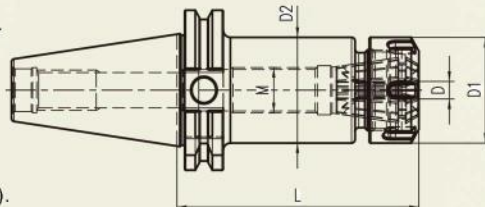
配件 ASSEMBLE PARTS	ER11	ER16	ER20	ER25	ER32	ER40
螺母 NUTS	ER11-A	ER16-A	ER20-A	ER25-UM	ER32-UM	ER40-UM
滑动螺母 SLIDING NUTS	-	ER16S-A	ER20S-A	ER25S-UM	ER32S-UM	ER40S-UM
附件 ACCESSORIES	ER11	ER16	ER20	ER25	ER32	ER40
扳手 WRENCH	S17A	S25A	S30A	ER25UM	ER32UM	ER40UM
螺钉 SCREW	ER11C	ER16C	ER20C	ER25C	ER32C	ER40C
卡簧 COLLETS	ER11	ER16	ER20	ER25	ER32	ER40

ER弹簧夹头刀柄/ER COLLET CHUCKS DIN 69871 SK



FEATURES:

- Inner taper bore to shank runout: 0.003mm
- Nut with special surface treatment for better clamping stability.
- With axial adjustment screws as standard.
- Built-in through-coolant design.
- Std: G6.3 dynamic balancing (15000rpm).
- Opt: G2.5 high-precision dynamic balancing (25000rpm)



型号 MODEL DIN 69871-A		D	D1	D2	L	M
SK50-ER11-70	50	1.0~7	19	19	M8×1-LH	70
SK50-ER11-100	50	1.0~7	19	19	M8×1-LH	100
SK50-ER11-120	50	1.0~7	19	19	M8×1-LH	120
SK50-ER16-60	50	1.0~10	28	28	7/16-20 UNF-LH	60
SK50-ER16-70	50	1.0~10	28	28	7/16-20 UNF-LH	70
SK50-ER16-100	50	1.0~10	28	28	7/16-20 UNF-LH	100
SK50-ER16-120	50	1.0~10	28	28	7/16-20 UNF-LH	120
SK50-ER16-160	50	1.0~10	28	28	7/16-20 UNF-LH	160
SK50-ER20-70	50	1.0~13	34	34	M14×1.5-LH	70
SK50-ER20-100	50	1.0~13	34	34	M14×1.5-LH	100
SK50-ER20-120	50	1.0~13	34	34	M14×1.5-LH	120
SK50-ER20-160	50	1.0~13	34	34	M14×1.5-LH	160
SK50-ER25-70	50	2.0~16	42	42	M18×1.5-LH	70
SK50-ER25-100	50	2.0~16	42	42	M18×1.5-LH	100
SK50-ER25-120	50	2.0~16	42	42	M18×1.5-LH	120
SK50-ER25-160	50	2.0~16	42	42	M18×1.5-LH	160
SK50-ER32-70	50	2.0~20	50	50	M22×1.5-LH	70
SK50-ER32-90	50	2.0~20	50	50	M22×1.5-LH	90
SK50-ER32-100	50	2.0~20	50	50	M22×1.5-LH	100
SK50-ER32-120	50	2.0~20	50	50	M22×1.5-LH	120
SK50-ER32-160	50	2.0~20	50	50	M22×1.5-LH	160
SK50-ER40-70	50	3.0~26	63	63	1 1/8-16 UN-LH	70
SK50-ER40-100	50	3.0~26	63	63	1 1/8-16 UN-LH	100
SK50-ER40-160	50	3.0~26	63	63	1 1/8-16 UN-LH	160

✧ Accessories need to be ordered separately.

✧ ER circlip specifications details on P102.

✧ Nut details on P114.

配件 ASSEMBLE PARTS	ER11	ER16	ER20	ER25	ER32	ER40
螺母 NUTS	ER11-A	ER16-A	ER20-A	ER25-UM	ER32-UM	ER40-UM
滑动螺母 SLIDING NUTS	-	ER16S-A	ER20S-A	ER25S-UM	ER32S-UM	ER40S-UM
附件 ACCESSORIES	ER11	ER16	ER20	ER25	ER32	ER40
扳手 WRENCH	S17A	S25A	S30A	ER25UM	ER32UM	ER40UM
螺钉 SCREW	ER11C	ER16C	ER20C	ER25C	ER32C	ER40C
卡簧 COLLETS	ER11	ER16	ER20	ER25	ER32	ER40

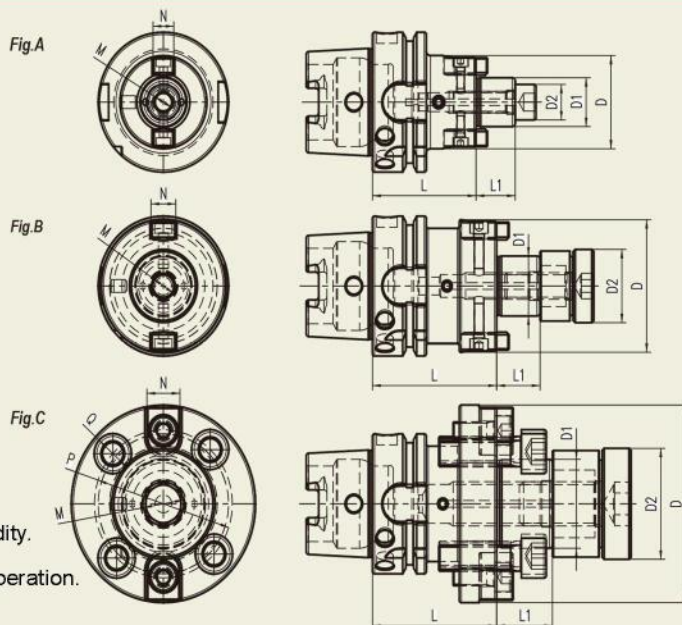
套式铣刀刀柄/SHELL MILL CHUCKS

DIN 69893 HSK-A-A



FEATURES:

- Positioning cylinder with tolerance better than h6.
- Tapered design for long type delivers enhanced rigidity.
- Integrated design of clamping screw for easier operation.



型号 MODEL DIN 69893		尺寸SIZE (mm)									
		D	D1	D2	L	L1	P	M	Q	N	Fig
HSK63A-FMB16-50	HSK-A63	38	16	13	50	17	-	M8×1.25	-	8	A
HSK63A-FMB16-100	HSK-A63	38	16	13	100	17	-	M8×1.25	-	8	A
HSK63A-FMB22-50	HSK-A63	48	22	16	50	19	-	M10×1.5	-	10	A
HSK63A-FMB22-100	HSK-A63	48	22	16	100	19	-	M10×1.5	-	10	A
HSK63A-FMB22-120	HSK-A63	48	22	16	120	19	-	M10×1.5	-	10	A
HSK63A-FMB22-150	HSK-A63	48	22	16	150	19	-	M10×1.5	-	10	A
HSK63A-FMB22-200	HSK-A63	48	22	16	200	19	-	M10×1.5	-	10	A
HSK63A-FMB27-60	HSK-A63	60	27	33	60	21	-	M12×1.75	-	12	B
HSK63A-FMB27-100	HSK-A63	60	27	33	100	21	-	M12×1.75	-	12	B
HSK63A-FMB27-120	HSK-A63	60	27	33	120	21	-	M12×1.75	-	12	B
HSK63A-FMB32-60	HSK-A63	78	32	40	60	24	-	M16×2	-	14	B
HSK63A-FMB32-100	HSK-A63	78	32	40	100	24	-	M16×2	-	14	B
HSK63A-FMB32-120	HSK-A63	78	32	40	120	24	-	M16×2	-	14	B
HSK63A-FMB40-60	HSK-A63	89	40	50	60	27	66.7	M20×2.5	M12×1.75	16	C
HSK63A-FMB40-120	HSK-A63	89	40	50	120	27	66.7	M20×2.5	M12×1.75	16	C

✧ Accessories need to be ordered separately.

✧ Please contact our company if you need products of other models or specifications.

配件 ASSEMBLE PARTS	D				
	16	22	27	32	40
螺钉 SCREW (A型) 螺钉 + RETAINING RING	FMB16	FMB22	M12×30&FMB27 RETAINING RING	M16×40&FMB32 RETAINING RING	FMB40&FMB40 RETAINING RING
螺钉 SCREW (B型) 螺钉	FMB16	FMB22	FMB27	FMB32	FMB40
键 KEY	JC08017	JC10021	JC12023	JC14020	KXM40
螺钉 SCREW	M3×8	M4×10	M5×16	M6×20	M8×20&M12×45(×4)
附件 ACCESSORIES	D				
	16	22	27	32	40
扳手 HEX WRENCH	S6	S8	S10	S14	S17&S10
冷却液套管 COOLANT TUBE	TS-HSK63 / TS-HSK63-W				
扳手 COOLANT TUBE WRENCH	HSK63				

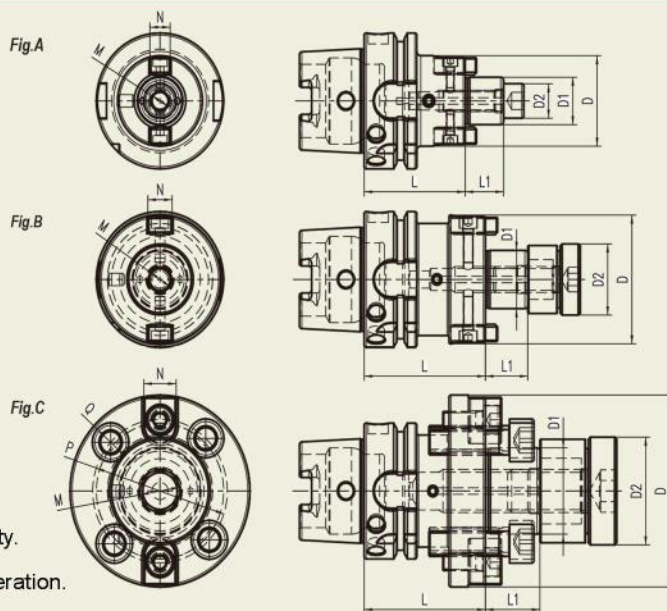
One-stop shop/OEM

套式铣刀刀柄/SHELL MILL CHUCKS DIN 69893 HSK-A-A



FEATURES:

- Positioning cylinder with tolerance better than h6.
- Tapered design for long type delivers enhanced rigidity.
- Integrated design of clamping screw for easier operation.



型号 MODEL DIN 69893		D	D1	D2	L	L1	P	M	Q	N	Fig
HSK100A-FMB22-50	HSK-A100	48	22	16	50	19	-	M10×1.5	-	10	A
HSK100A-FMB22-100	HSK-A100	48	22	16	100	19	-	M10×1.5	-	10	A
HSK100A-FMB22-120	HSK-A100	48	22	16	120	19	-	M10×1.5	-	10	A
HSK100A-FMB22-160	HSK-A100	48	22	16	160	19	-	M10×1.5	-	10	A
HSK100A-FMB22-200	HSK-A100	48	22	16	200	19	-	M10×1.5	-	10	A
HSK100A-FMB27-50	HSK-A100	60	27	33	50	21	-	M12×1.75	-	12	B
HSK100A-FMB27-60	HSK-A100	60	27	33	60	21	-	M12×1.75	-	12	B
HSK100A-FMB27-100	HSK-A100	60	27	33	100	21	-	M12×1.75	-	12	B
HSK100A-FMB27-120	HSK-A100	60	27	33	120	21	-	M12×1.75	-	12	B
HSK100A-FMB27-160	HSK-A100	60	27	33	160	21	-	M12×1.75	-	12	B
HSK100A-FMB27-200	HSK-A100	60	27	33	200	21	-	M12×1.75	-	12	B
HSK100A-FMB32-50	HSK-A100	78	32	40	50	24	-	M16×2	-	14	B
HSK100A-FMB32-60	HSK-A100	78	32	40	60	24	-	M16×2	-	14	B
HSK100A-FMB32-100	HSK-A100	78	32	40	100	24	-	M16×2	-	14	B
HSK100A-FMB32-120	HSK-A100	78	32	40	120	24	-	M16×2	-	14	B
HSK100A-FMB32-160	HSK-A100	78	32	40	160	24	-	M16×2	-	14	B
HSK100A-FMB40-60	HSK-A100	89	40	50	60	27	66.7	M20×2.5	M12×1.75	16	C
HSK100A-FMB40-100	HSK-A100	89	40	50	100	27	66.7	M20×2.5	M12×1.75	16	C
HSK100A-FMB40-120	HSK-A100	89	40	50	120	27	66.7	M20×2.5	M12×1.75	16	C
HSK100A-FMB40-160	HSK-A100	89	40	50	160	27	66.7	M20×2.5	M12×1.75	16	C
HSK100A-FMB60-70	HSK-A100	129	60	-	70	40	101.6	M30×3.5	M16×2	25.4	C
HSK100A-FMB60-100	HSK-A100	129	60	-	100	40	101.6	M30×3.5	M16×2	25.4	C

✧ Accessories need to be ordered separately.

✧ Please contact our company if you need products of other models or specifications.

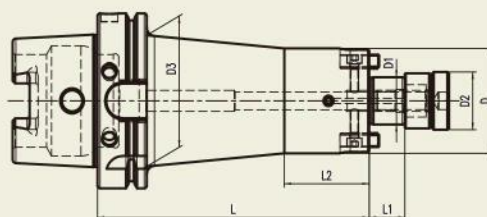
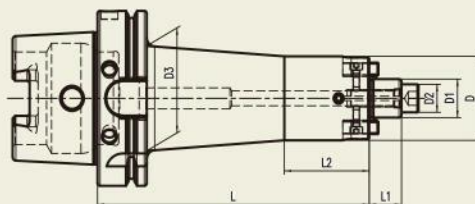
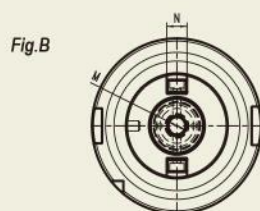
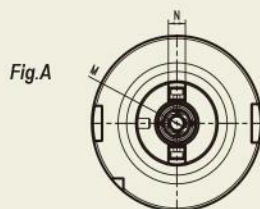
配件 ASSEMBLE PARTS	D				
	22	27	32	40	60
螺钉 SCREW (A型) 螺钉 + RETAINING RING	FMB22	M12×30&FMB27 RETAINING RING	M16×40&FMB32 RETAINING RING	FMB40&FMB40 RETAINING RING	-
螺钉 SCREW (B型) 螺钉	FMB22	FMB27	FMB32	FMB40	-
键 KEY	JC10021	JC12023	JC14020	KXMC40	KXMC60
螺钉 SCREW	M4×10	M5×16	M6×20	M8×20&M12×45(×4)	M10×25&M16×45(×4)
附件 ACCESSORIES	D				
	22	27	32	40	60
扳手 HEX WRENCH	S8	S10	S14	S17&S10	S14
冷却液套管 COOLANT TUBE	TS-HSK100 / TS-HSK100-W				
扳手 COOLANT TUBE WRENCH	HSK100				

套式铣刀刀柄/SHELL MILL CHUCKS DIN 69893 HSK-A-B



FEATURES:

- Positioning cylinder with tolerance better than h6.
- Tapered design for long type delivers enhanced rigidity.
- Integrated design of clamping screw for easier operation.



型号 MODEL		尺寸SIZE (mm)									
DIN 69893		D	D1	D2	D3	L	L1	L2	M	N	Fig
HSK100A-FMB22-160B	HSK-A100	48	22	16	60	160	19	50	M10×1.5	10	A
HSK100A-FMB22-200B	HSK-A100	48	22	16	60	200	19	50	M10×1.5	10	A
HSK100A-FMB27-160B	HSK-A100	60	27	33	75	160	21	50	M12×1.75	12	B
HSK100A-FMB27-200B	HSK-A100	60	27	33	75	200	21	50	M12×1.75	12	B

✧ Accessories need to be ordered separately.

✧ Please contact our company if you need products of other models or specifications.

配件 ASSEMBLE PARTS	D	
	22	27
螺钉 SCREW (A型) 螺钉+ RETAINING RING	FMB22	M12×30&FMB27 RETAINING RING
螺钉 SCREW (B型) 螺钉	FMB22	FMB27
键 KEY	JC10021	JC12023
螺钉 SCREW	M4×10	M5×16
附件 ACCESSORIES	D	
	22	27
扳手 HEX WRENCH	S8	S10
冷却液套管 COOLANT TUBE	TS-HSK100 / TS-HSK100-W	
扳手 COOLANT TUBE WRENCH	HSK100	

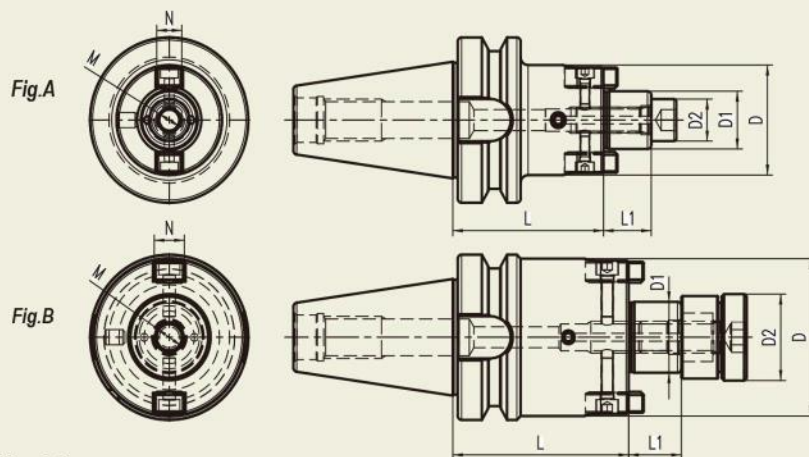
One-stop shop/OEM

套式铣刀刀柄/SHELL MILL CHUCKS JIS B 6339 BT/BBT-A



FEATURES:

- Positioning cylinder with tolerance better than h6.
- Tapered design for long type delivers enhanced rigidity.
- Integrated design of clamping screw for easier operation.



型号 MODEL		尺寸SIZE (mm)							
JIS B 6339-A		D	D1	D2	L	L1	M	N	Fig
BT30-FMB16-60	30	38	16	13	60	17	M8×1.25	8	A
BT30-FMB22-45	30	48	22	16	45	19	M10×1.5	10	A
BT30-FMB22-60	30	48	22	16	60	19	M10×1.5	10	A
BT30-FMB22-100	30	48	22	16	100	19	M10×1.5	10	A
BT30-FMB27-45	30	60	27	33	45	21	M12×1.75	12	B

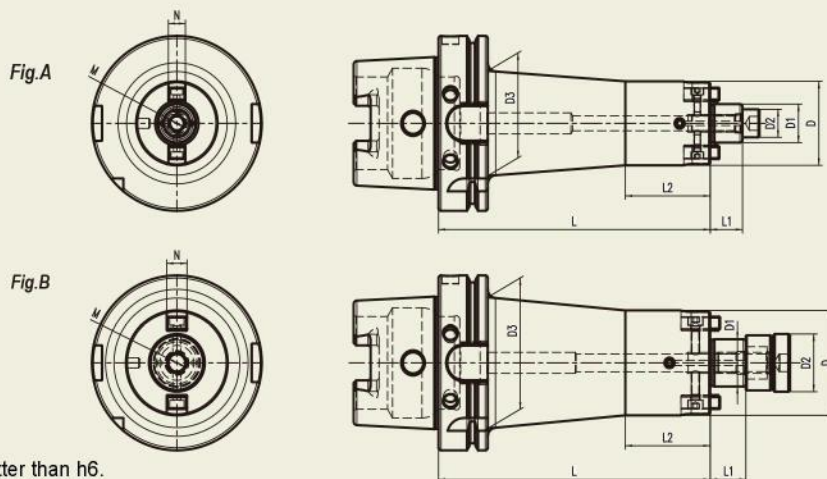
✧ Accessories need to be ordered separately.

✧ Please contact our company if you need products of other models or specifications.

配件 ASSEMBLE PARTS	D		
	16	22	27
螺钉 SCREW (A型) 螺钉+ RETAINING RING	FMB16	FMB22	M12×30&FMB27 RETAINING RING
螺钉 SCREW (B型) 螺钉	FMB16	FMB22	FMB27
键 KEY	JC08017	JC10021	JC12023
螺钉 SCREW	M3×8	M4×10	M5×16
附件 ACCESSORIES	D		
	16	22	27
扳手 HEX WRENCH	S6	S8	S10

套式铣刀刀柄/SHELL MILL CHUCKS

JIS B 6339 BT/BBT-A



FEATURES:

- Positioning cylinder with tolerance better than h6.
- Tapered design for long type delivers enhanced rigidity.
- Integrated design of clamping screw for easier operation.

型号 MODEL		尺寸SIZE (mm)									
JIS B 6339-A		D	D1	D2	L	L1	P	M	Q	N	Fig
BT40-FMB16-60	40	38	16	13	60	17	-	M8×1.25	-	8	A
BT40-FMB16-90	40	38	22	13	90	17	-	M8×1.25	-	8	A
BT40-FMB16-100	40	38	22	13	100	17	-	M8×1.25	-	8	A
BT40-FMB16-120	40	38	22	13	120	17	-	M8×1.25	-	8	A
BT40-FMB22-45	40	48	27	16	45	19	-	M10×1.5	-	10	A
BT40-FMB22-60	40	48	22	16	60	19	-	M10×1.5	-	10	A
BT40-FMB22-90	40	48	22	16	90	19	-	M10×1.5	-	10	A
BT40-FMB22-100	40	48	22	16	100	19	-	M10×1.5	-	10	A
BT40-FMB22-120	40	48	27	16	120	19	-	M10×1.5	-	10	A
BT40-FMB27-45	40	60	22	33	45	21	-	M12×1.75	-	12	B
BT40-FMB27-60	40	60	22	33	60	21	-	M12×1.75	-	12	B
BT40-FMB27-90	40	60	22	33	90	21	-	M12×1.75	-	12	B
BT40-FMB27-100	40	60	27	33	100	21	-	M12×1.75	-	12	B
BT40-FMB27-120	40	60	22	33	120	21	-	M12×1.75	-	12	B
BT40-FMB27-160	40	60	22	33	160	21	-	M12×1.75	-	12	B
BT40-FMB32-45	40	78	22	40	45	24	-	M16×2	-	14	B
BT40-FMB32-60	40	78	27	40	60	24	-	M16×2	-	14	B
BT40-FMB32-90	40	78	22	40	90	24	-	M16×2	-	14	B
BT40-FMB32-100	40	78	22	40	100	24	-	M16×2	-	14	B
BT40-FMB32-160	40	78	22	40	160	24	-	M16×2	-	14	B
BT40-FMB40-60	40	89	27	50	60	27	66.7	M20×2.5	M12×1.75	16	C
BT40-FMB40-120	40	89	22	50	120	27	66.7	M20×2.5	M12×1.75	16	C
BT40-FMB40-160	40	89	22	50	160	27	66.7	M20×2.5	M12×1.75	16	C

✧ Accessories need to be ordered separately.

✧ Please contact our company if you need products of other models or specifications.

配件 ASSEMBLE PARTS	D				
	16	22	27	32	40
螺钉 SCREW (A型) 螺钉+ RETAINING RING	FMB16	FMB22	M12×30&FMB27 RETAINING RING	M16×40&FMB32 RETAINING RING	FMB40&FMB40 RETAINING RING
螺钉 SCREW (B型) 螺钉	FMB16	FMB22	FMB27	FMB32	FMB40
键 KEY	JC08017	JC10021	JC12023	JC14020	KXM40
螺钉 SCREW	M3×8	M4×10	M5×16	M6×20	M8×20&M12×45(×4)
附件 ACCESSORIES	D				
	16	22	27	32	40
扳手 HEX WRENCH	S6	S8	S10	S14	S17&S10

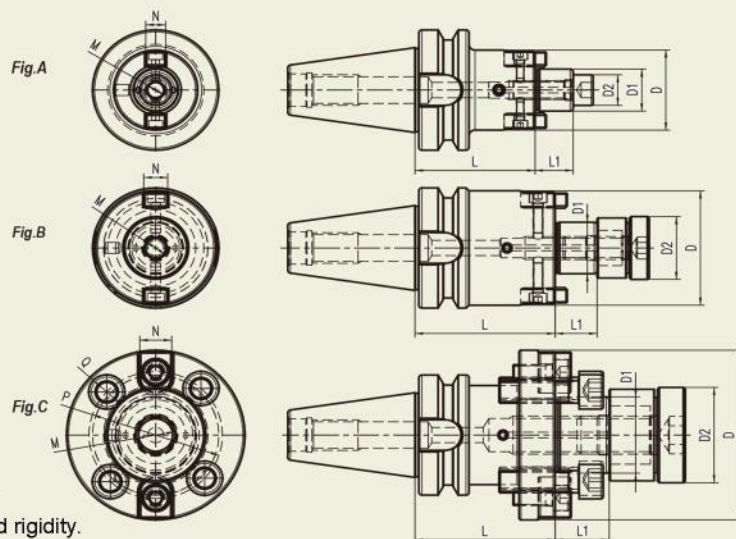
One-stop shop/OEM

套式铣刀刀柄/SHELL MILL CHUCKS JIS B 6339 BT/BBT-A



FEATURES:

- Positioning cylinder with tolerance better than h6.
- Tapered design for long type delivers enhanced rigidity.
- Integrated design of clamping screw for easier operation.



型号 MODEL	尺寸 SIZE (mm)										
JIS B 6339-A		D	D1	D2	L	L1	P	M	Q	N	Fig
BT50-FMB16-60	50	38	16	13	60	17	-	M8×1.25	-	8	A
BT50-FMB16-90	50	38	16	13	90	17	-	M8×1.25	-	8	A
BT50-FMB16-100	50	38	16	13	100	17	-	M8×1.25	-	8	A
BT50-FMB16-120	50	38	16	13	120	17	-	M8×1.25	-	8	A
BT50-FMB22-60	50	48	22	16	60	19	-	M10×1.5	-	10	A
BT50-FMB22-90	50	48	22	16	90	19	-	M10×1.5	-	10	A
BT50-FMB22-100	50	48	22	16	100	19	-	M10×1.5	-	10	A
BT50-FMB22-120	50	48	22	16	120	19	-	M10×1.5	-	10	A
BT50-FMB27-45	50	60	27	33	45	21	-	M12×1.75	-	12	B
BT50-FMB27-60	50	60	27	33	60	21	-	M12×1.75	-	12	B
BT50-FMB27-90	50	60	27	33	90	21	-	M12×1.75	-	12	B
BT50-FMB27-100	50	60	27	33	100	21	-	M12×1.75	-	12	B
BT50-FMB27-120	50	60	27	33	120	21	-	M12×1.75	-	12	B
BT50-FMB27-160	50	60	27	33	160	21	-	M12×1.75	-	12	B
BT50-FMB32-45	50	78	32	40	45	24	-	M16×2	-	14	B
BT50-FMB32-60	50	78	32	40	60	24	-	M16×2	-	14	B
BT50-FMB32-90	50	78	32	40	90	24	-	M16×2	-	14	B
BT50-FMB32-100	50	78	32	40	100	24	-	M16×2	-	14	B
BT50-FMB32-120	50	78	32	40	120	24	-	M16×2	-	14	B
BT50-FMB32-150	50	78	32	40	150	24	-	M16×2	-	14	B
BT50-FMB32-200	50	78	32	40	200	24	-	M16×2	-	14	B

✧ Accessories need to be ordered separately.

✧ Please contact our company if you need products of other models or specifications.

配件 ASSEMBLY PARTS	D					
	16	22	27	32	40	60
螺钉 SCREW (A型) 螺钉 + RETAINING RING	FMB16	FMB22	M12×30&FMB27 RETAINING RING	M16×40&FMB32 RETAINING RING	FMB40&FMB40 RETAINING RING	-
螺钉 SCREW (B型) 螺钉	FMB16	FMB22	FMB27	FMB32	FMB40	-
键 KEY	JC08017	JC10021	JC12023	JC14020	KXM40	KXMC60
螺钉 SCREW	M3×8	M4×10	M5×16	M6×20	M8×20&M12×45(×4)	M10×25&M16×45(×4)
附件 ACCESSORIES	D					
	16	22	27	32	40	60
扳手 HEX WRENCH	S8	S8	S10	S14	S17&S10	S14

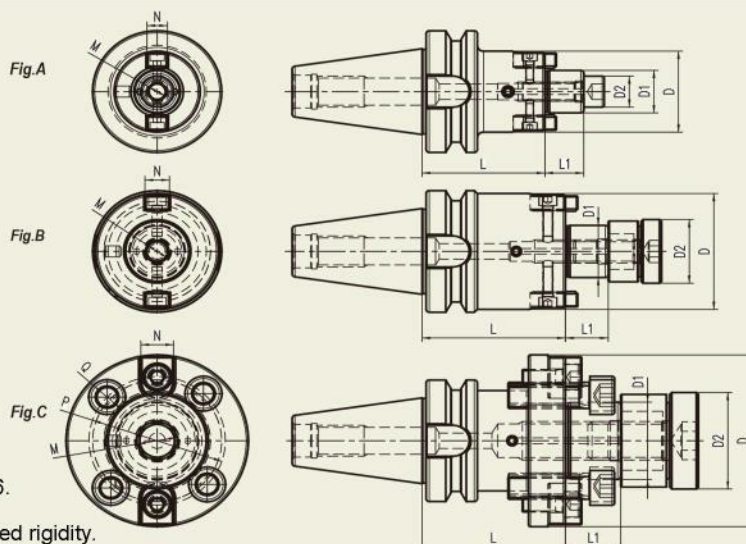
套式铣刀刀柄/SHELL MILL CHUCKS

JIS B 6339 BT/BBT-A



FEATURES:

- Positioning cylinder with tolerance better than h6.
- Tapered design for long type delivers enhanced rigidity.
- Integrated design of clamping screw for easier operation.



型号 MODEL	尺寸SIZE (mm)										
JIS B 6339-A		D	D1	D2	L	L1	P	M	Q	N	Fig
BT50-FMB40-45	50	89	40	40	45	27	66.7	M20×2.5	M12×1.75	16	C
BT50-FMB40-90	50	89	40	40	90	27	66.7	M20×2.5	M12×1.75	16	C
BT50-FMB40-120	50	89	40	40	120	27	66.7	M20×2.5	M12×1.75	16	C
BT50-FMB40-160	50	89	40	40	160	27	66.7	M20×2.5	M12×1.75	16	C
BT50-FMB60-70	50	129	60	-	70	40	101.6	M30×3.5	M16×2	25.4	C
BT50-FMB60-120	50	129	60	-	120	40	101.6	M30×3.5	M16×2	25.4	C

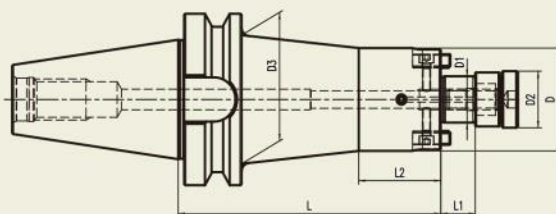
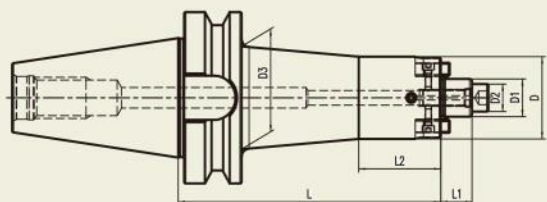
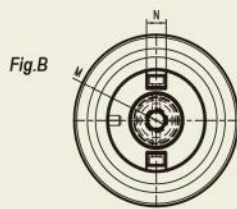
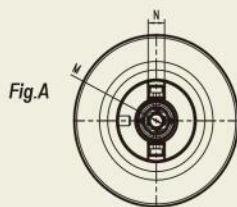
✧ Accessories need to be ordered separately.

✧ Please contact our company if you need products of other models or specifications.

配件 ASSEMBLE PARTS	D					
	16	22	27	32	40	60
螺钉 SCREW (A型) 螺钉 + RETAINING RING	FMB16	FMB22	M12×30&FMB27 RETAINING RING	M16×40&FMB32 RETAINING RING	FMB40&FMB40 RETAINING RING	-
螺钉 SCREW (B型) 螺钉	FMB16	FMB22	FMB27	FMB32	FMB40	-
键 KEY	JC08017	JC10021	JC12023	JC14020	KXM40	KXMC60
螺钉 SCREW	M3×8	M4×10	M5×16	M6×20	M8×20&M12×45(×4)	M10×25&M16×45(×4)
附件 ACCESSORIES	D					
	16	22	27	32	40	60
扳手 HEX WRENCH	S8	S8	S10	S14	S17&S10	S14

One-stop shop/OEM

套式铣刀刀柄/SHELL MILL CHUCKS JIS B 6339 BT/BBT-B



FEATURES:

- Positioning cylinder with tolerance better than h6.
- Tapered design for long type delivers enhanced rigidity.
- Integrated design of clamping screw for easier operation.

型号 MODEL		尺寸SIZE (mm)							
JIS B 6339-B		D	D1	D2	L	L1	M	N	Fig
BT40-FMB22-150B	40	48	22	16	150	50	M10×1.5	10	A
BT40-FMB22-200B	40	48	22	16	200	50	M10×1.5	10	A
BT40-FMB22-250B	40	48	22	16	250	50	M10×1.5	10	A
BT40-FMB22-300B	40	48	22	16	300	50	M10×1.5	10	A
BT40-FMB22-350B	40	48	22	16	350	50	M10×1.5	10	A
BT40-FMB22-400B	40	48	22	16	400	50	M10×1.5	10	A
BT50-FMB22-150B	50	48	22	16	150	50	M10×1.5	10	A
BT50-FMB22-200B	50	48	22	16	200	50	M10×1.5	10	A
BT50-FMB22-250B	50	48	22	16	250	50	M10×1.5	10	A
BT50-FMB22-300B	50	48	22	16	300	50	M10×1.5	10	A
BT50-FMB22-350B	50	48	22	16	350	50	M10×1.5	10	A
BT50-FMB22-400B	50	48	22	16	400	50	M10×1.5	10	A
BT50-FMB22-450B	50	48	22	16	450	50	M10×1.5	10	A
BT50-FMB22-500B	50	48	22	16	500	50	M10×1.5	10	A
BT50-FMB22-550B	50	48	22	16	550	50	M10×1.5	10	A
BT50-FMB22-600B	50	48	22	16	600	50	M10×1.5	10	A
BT50-FMB27-150B	50	60	27	33	150	50	M12×1.75	12	B
BT50-FMB27-200B	50	60	27	33	200	50	M12×1.75	12	B
BT50-FMB27-250B	50	60	27	33	250	50	M12×1.75	12	B
BT50-FMB27-300B	50	60	27	33	300	50	M12×1.75	12	B
BT50-FMB27-350B	50	60	27	33	350	50	M12×1.75	12	B
BT50-FMB27-400B	50	60	27	33	400	50	M12×1.75	12	B
BT50-FMB27-450B	50	60	27	33	450	50	M12×1.75	12	B
BT50-FMB27-500B	50	60	27	33	500	50	M12×1.75	12	B
BT50-FMB27-550B	50	60	27	33	550	50	M12×1.75	12	B
BT50-FMB27-600B	50	60	27	33	600	50	M12×1.75	12	B

✦ Accessories need to be ordered separately.

✦ Please contact our company if you need products of other models or specifications.

配件 ASSEMBLE PARTS	D	
	22	27
螺钉 SCREW (A型) 螺钉+ RETAINING RING	FMB22	M12×30&FMB27 RETAINING RING
螺钉 SCREW (B型) 螺钉	FMB22	FMB27
键 KEY	JC10021	JC12023
螺钉 SCREW	M4×10	M5×16
附件 ACCESSORIES	D	
	22	32
扳手 HEX WRENCH	S8	S10

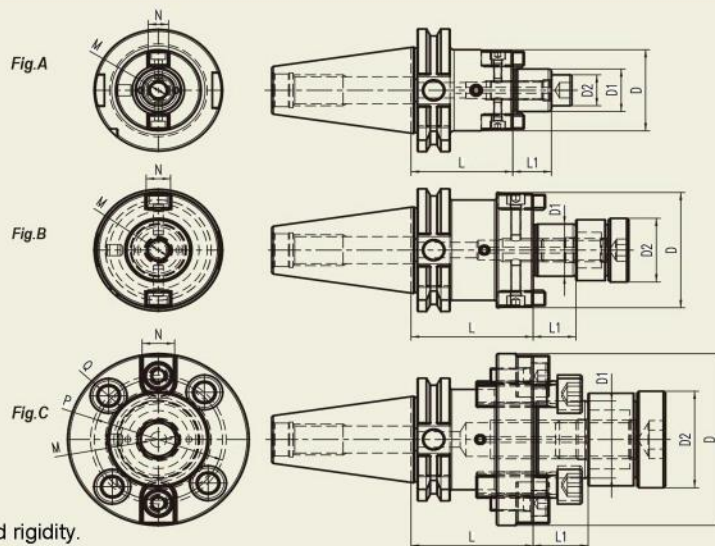
套式铣刀刀柄/SHELL MILL CHUCKS

DIN 69871 SK



FEATURES:

- Positioning cylinder with tolerance better than h6.
- Tapered design for long type delivers enhanced rigidity.
- Integrated design of clamping screw for easier operation.



型号 MODEL DIN 69871-A		D	D1	D2	L	L1	尺寸SIZE (mm)	P	M	Q	N	Fig
SK40-FMB16-55	40	38	16	13	55	17	-	M8×1.25	-	-	8	A
SK40-FMB16-60	40	38	16	13	60	17	-	M8×1.25	-	-	8	A
SK40-FMB16-100	40	38	16	13	100	17	-	M8×1.25	-	-	8	A
SK40-FMB16-120	40	38	16	13	120	17	-	M8×1.25	-	-	8	A
SK40-FMB22-55	40	48	22	16	55	19	-	M10×1.5	-	-	10	A
SK40-FMB22-60	40	48	22	16	60	19	-	M10×1.5	-	-	10	A
SK40-FMB22-100	40	48	22	16	100	19	-	M10×1.5	-	-	10	A
SK40-FMB22-120	40	48	22	16	120	19	-	M10×1.5	-	-	10	A
SK40-FMB27-60	40	60	27	33	60	21	-	M12×1.75	-	-	12	B
SK40-FMB27-100	40	60	27	33	100	21	-	M12×1.75	-	-	12	B
SK40-FMB27-120	40	60	27	33	120	21	-	M12×1.75	-	-	12	B
SK40-FMB27-160	40	60	27	33	160	21	-	M12×1.75	-	-	12	B
SK40-FMB32-60	40	78	32	40	60	24	-	M16×2	-	-	14	B
SK40-FMB32-100	40	78	32	40	100	24	-	M16×2	-	-	14	B
SK40-FMB32-160	40	78	32	40	160	24	-	M16×2	-	-	14	B
SK40-FMB40-60	40	89	40	50	60	27	66.7	M20×2.5	M12×1.75	-	16	C
SK40-FMB40-100	40	89	40	50	100	27	66.7	M20×2.5	M12×1.75	-	16	C
SK40-FMB40-120	40	89	40	50	120	27	66.7	M20×2.5	M12×1.75	-	16	C
SK40-FMB40-160	40	89	40	50	160	27	66.7	M20×2.5	M12×1.75	-	16	C

✧ Accessories need to be ordered separately.

✧ Please contact our company if you need products of other models or specifications.

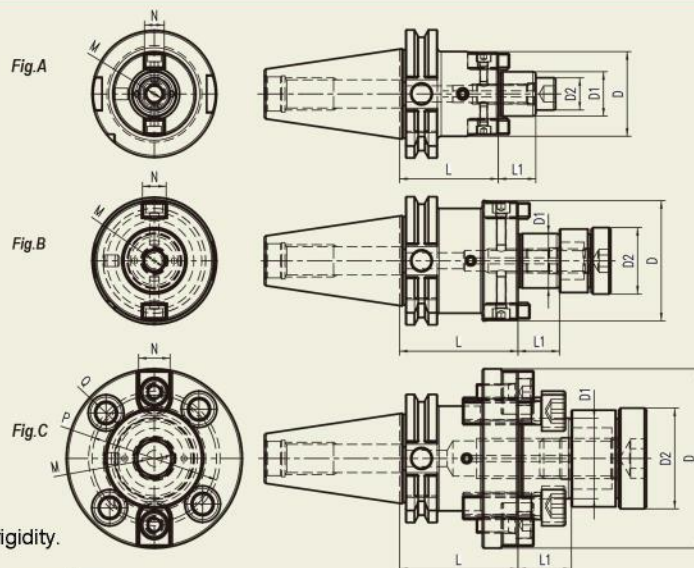
配件 ASSEMBLE PARTS	D				
	16	22	27	32	40
螺钉 SCREW (A型) 螺钉 + RETAINING RING	FMB16	FMB22	M12×30&FMB27 RETAINING RING	M16×40&FMB32 RETAINING RING	FMB40&FMB40 RETAINING RING
螺钉 SCREW (B型) 螺钉	FMB16	FMB22	FMB27	FMB32	FMB40
键 KEY	JC08017	JC10021	JC12023	JC14020	KXM40
螺钉 SCREW	M3×8	M4×10	M5×16	M6×20	M8×20&M12×45(×4)
附件 ACCESSORIES	D				
	16	22	27	32	40
扳手 HEX WRENCH	S6	S8	S10	S14	S17&S10

套式铣刀刀柄/SHELL MILL CHUCKS DIN 69871 SK



FEATURES:

- Positioning cylinder with tolerance better than h6.
- Tapered design for long type delivers enhanced rigidity.
- Integrated design of clamping screw for easier operation.



型号 MODEL	尺寸 SIZE (mm)										
DIN 69871-A		D	D1	D2	L	L1	P	M	Q	N	Fig
SK50-FMB16-55	50	38	16	13	55	17	-	M8×1.25	-	8	A
SK50-FMB16-60	50	38	16	13	60	17	-	M8×1.25	-	8	A
SK50-FMB16-100	50	38	16	13	100	17	-	M8×1.25	-	8	A
SK50-FMB16-120	50	38	16	13	120	17	-	M8×1.25	-	8	A
SK50-FMB22-55	50	48	22	16	55	19	-	M10×1.5	-	10	A
SK50-FMB22-60	50	48	22	16	60	19	-	M10×1.5	-	10	A
SK50-FMB22-100	50	48	22	16	100	19	-	M10×1.5	-	10	A
SK50-FMB22-120	50	48	22	16	120	19	-	M10×1.5	-	10	A
SK50-FMB27-60	50	60	27	33	60	21	-	M12×1.75	-	12	B
SK50-FMB27-90	50	60	27	33	90	21	-	M12×1.75	-	12	B
SK50-FMB27-100	50	60	27	33	100	21	-	M12×1.75	-	12	B
SK50-FMB27-120	50	60	27	33	120	21	-	M12×1.75	-	12	B
SK50-FMB27-160	50	60	27	33	160	21	-	M12×1.75	-	12	B
SK50-FMB32-60	50	78	32	40	60	24	-	M16×2	-	14	B
SK50-FMB32-75	50	78	32	40	75	24	-	M16×2	-	14	B
SK50-FMB32-100	50	78	32	40	100	24	-	M16×2	-	14	B
SK50-FMB32-160	50	78	32	40	160	24	-	M16×2	-	14	B
SK50-FMB40-60	50	89	40	50	60	27	66.7	M20×2.5	M12×1.75	16	C
SK50-FMB40-75	50	89	40	50	75	27	66.7	M20×2.5	M12×1.75	16	C
SK50-FMB40-120	50	89	40	50	120	27	66.7	M20×2.5	M12×1.75	16	C
SK50-FMB40-160	50	89	40	50	160	27	66.7	M20×2.5	M12×1.75	16	C
SK50-FMB60-70	50	129	60	-	70	40	101.6	M30×3.5	M16×2	25.4	C
SK50-FMB60-75	50	129	60	-	75	40	101.6	M30×3.5	M16×2	25.4	C
SK50-FMB60-120	50	129	60	-	120	40	101.6	M30×3.5	M16×2	25.4	C
SK50-FMB60-160	50	129	60	-	160	40	101.6	M30×3.5	M16×2	25.4	C

✦ Accessories need to be ordered separately.

✦ Please contact our company if you need products of other models or specifications.

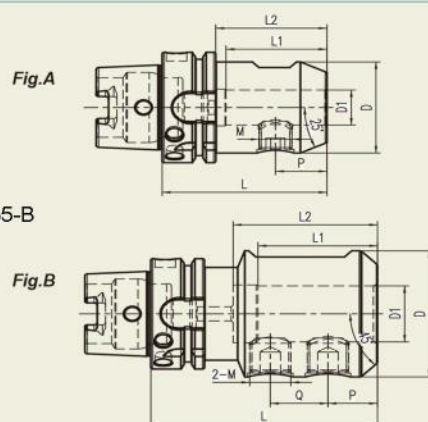
配件 ASSEMBLY PARTS	D					
	16	22	27	32	40	60
螺钉 SCREW (A型) 螺钉 + RETAINING RING	FMB16	FMB22	M12×30&FMB27 RETAINING RING	M16×40&FMB32 RETAINING RING	FMB40&FMB40 RETAINING RING	-
螺钉 SCREW (B型) 螺钉	FMB16	FMB22	FMB27	FMB32	FMB40	-
键 KEY	JC08017	JC10021	JC12023	JC14020	KXM40	KXMC60
螺钉 SCREW	M3×8	M4×10	M5×16	M6×20	M8×20&M12×45(×4)	M10×25&M16×45(×4)
附件 ACCESSORIES	D					
	16	22	27	32	40	60
扳手 HEX WRENCH	S6	S8	S10	S14	S17&S10	S14

侧固式刀柄/SIDE LOCK CHUCKS DIN 69893 HSK-A



FEATURES:

- Tolerance of head inner bore: H5.
- For clamping shank tools complying with DIN1835-B flat shank standard.



型号 MODEL DIN 69893		尺寸SIZE (mm)							
		D	D1	L	L1	M	P	Q	Fig
HSK63A-SLN12-80	HSK-A63	42	16	80	44	M12×1.75	22.5	-	A
HSK63A-SLN12-160	HSK-A63	42	16	160	44	M12×1.75	22.5	-	A
HSK63A-SLN14-80	HSK-A63	44	22	80	44	M12×1.75	22.5	-	A
HSK63A-SLN14-160	HSK-A63	44	22	160	44	M12×1.75	22.5	-	A
HSK63A-SLN16-80	HSK-A63	48	22	80	47	M14×2	24	-	A
HSK63A-SLN16-120	HSK-A63	48	22	120	47	M14×2	24	-	A
HSK63A-SLN16-160	HSK-A63	48	22	160	47	M14×2	24	-	A
HSK63A-SLN16-200	HSK-A63	48	27	200	47	M14×2	24	-	A
HSK63A-SLN20-80	HSK-A63	52	27	80	49	M16×2	25	-	A
HSK63A-SLN20-120	HSK-A63	52	27	120	49	M16×2	25	-	A
HSK63A-SLN20-160	HSK-A63	52	32	160	49	M16×2	25	-	A
HSK63A-SLN20-200	HSK-A63	52	32	200	49	M16×2	25	-	A
HSK63A-SLN25-110	HSK-A63	65	32	110	54	M18×2	24	25	B
HSK63A-SLN25-160	HSK-A63	65	40	160	54	M18×2	24	25	B
HSK63A-SLN25-200	HSK-A63	65	40	200	54	M18×2	24	25	B
HSK63A-SLN32-110	HSK-A63	72	32	110	58	M20×2	24	28	B
HSK63A-SLN32-160	HSK-A63	72	32	160	58	M20×2	24	28	B
HSK63A-SLN32-200	HSK-A63	72	40	200	58	M20×2	24	28	B

✧ Accessories need to be ordered separately.

✧ Please contact our company if you need products of other models or specifications.

配件 ASSEMBLE PARTS		D					
		12	14	16	20	25	32
	螺钉 SCREW	SLN14		SLN16	SLN20	SLN25	SLN32
附件 ACCESSORIES		D					
		12	14	16	20	25	32
	扳手 HEX WRENCH	S6			S8		S10
	冷却液套管 COOLANT TUBE	TS-HSK63 / TS-HSK63-W					
	扳手 COOLANT TUBE WRENCH	HSK63					

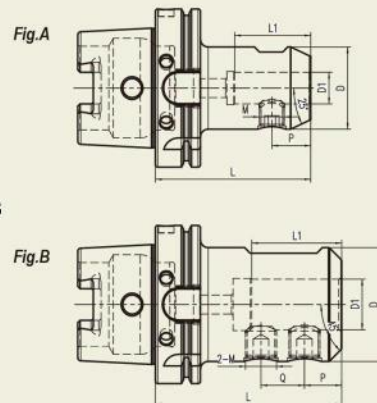
One-stop shop/OEM

侧固式刀柄/SIDE LOCK CHUCKS DIN 69893 HSK-A



FEATURES:

- Tolerance of head inner bore: H5.
- For clamping shank tools complying with DIN1835-B flat shank standard.



型号 MODEL DIN 69893		尺寸SIZE (mm)								
		D	D1	L	L1	L2	M	P	Q	Fig
HSK100A-SLN16-100	HSK-A100	48	16	100	47	52	M14×2	24	-	A
HSK100A-SLN16-120	HSK-A100	48	16	120	47	52	M14×2	24	-	A
HSK100A-SLN16-160	HSK-A100	48	16	160	47	52	M14×2	24	-	A
HSK100A-SLN16-200	HSK-A100	48	16	200	47	52	M14×2	24	-	A
HSK100A-SLN20-100	HSK-A100	52	20	100	49	54	M16×2	25	-	A
HSK100A-SLN20-120	HSK-A100	52	20	120	49	54	M16×2	25	-	A
HSK100A-SLN20-160	HSK-A100	52	20	160	49	54	M16×2	25	-	A
HSK100A-SLN20-200	HSK-A100	52	20	200	49	54	M16×2	25	-	A
HSK100A-SLN25-100	HSK-A100	65	25	100	54	66	M18×2	24	25	B
HSK100A-SLN25-120	HSK-A100	65	25	120	54	66	M18×2	24	25	B
HSK100A-SLN25-160	HSK-A100	65	25	160	54	66	M18×2	24	25	B
HSK100A-SLN25-200	HSK-A100	65	25	200	54	66	M18×2	24	25	B
HSK100A-SLN32-100	HSK-A100	72	32	100	58	66	M20×2	24	28	B
HSK100A-SLN32-120	HSK-A100	72	32	120	58	70	M20×2	24	28	B
HSK100A-SLN32-160	HSK-A100	72	32	160	58	70	M20×2	24	28	B
HSK100A-SLN32-200	HSK-A100	72	32	200	58	70	M20×2	24	28	B
HSK100A-SLN40-120	HSK-A100	80	40	120	68	80	M20×2	30	32	B
HSK100A-SLN40-160	HSK-A100	80	40	160	68	80	M20×2	30	32	B
HSK100A-SLN40-200	HSK-A100	80	40	200	68	80	M20×2	30	32	B

✧ Accessories need to be ordered separately.

✧ Please contact our company if you need products of other models or specifications.

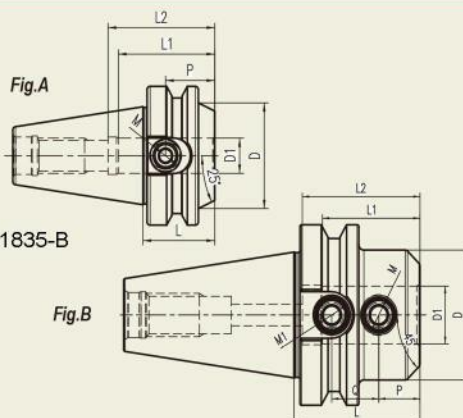
配件 ASSEMBLE PARTS		D				
		16	20	25	32	40
	螺钉 SCREW	SLN16	SLN20	SLN25	SLN32	
附件 ACCESSORIES		D				
		16	20	25	32	40
	扳手 HEX WRENCH	S6	S8		S10	
	冷却液套管 COOLANT TUBE	TS-HSK100 / TS-HSK100-W				
	扳手 COOLANT TUBE WRENCH	HSK100				

侧固式刀柄/SIDE LOCK CHUCKS JIS B 6339 BT/BBT



FEATURES:

- Tolerance of head inner bore: H5.
- For clamping shank tools complying with DIN1835-B flat shank standard.



型号 MODEL		尺寸SIZE (mm)									
JIS B 6339		D	D1	L	L1	L2	M	M1	P	Q	Fig
BT40-SLN16-35	40	48	16	35	47	52	M14×2	-	24	-	A
BT40-SLN20-35	40	52	20	35	49	54	M16×2	-	25	-	A
BT40-SLN25-60	40	65	25	60	54	66	M18×2	M14×1	24	25	B
BT40-SLN32-65	40	72	32	65	58	70	M20×2	M14×1	24	28	B
BT50-SLN16-45	50	48	16	45	47	52	M14×2	-	24	-	A
BT50-SLN20-45	50	52	20	45	49	54	M16×2	-	25	-	A
BT50-SLN25-72	50	65	25	72	54	66	M18×2	M18×2	24	25	B
BT50-SLN32-75	50	72	32	75	58	70	M20×2	M20×2	24	28	B

✧ Accessories need to be ordered separately.

✧ Please contact our company if you need products of other models or specifications.

配件 ASSEMBLE PARTS	D							
	16		20		25		32	
锥柄	BT40	BT50	BT40	BT50	BT40	BT50	BT40	BT50
螺钉 SCREW	SLN16	SLN16	SXP20A	SLN20	SLN25&SLN16A	SLN25(×2)	SLN25&SLN16A	SLN32(×2)
附件 ACCESSORIES	D							
	16		20		25		32	
扳手 HEX WRENCH	S6		S8		S8&S6		S10	

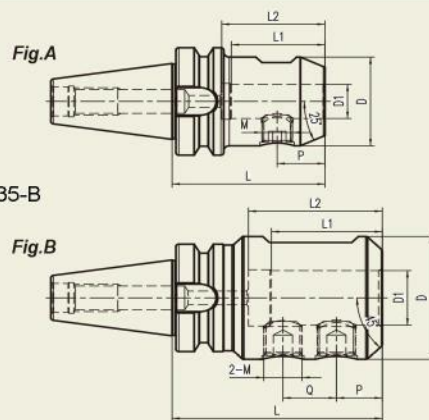
One-stop shop/OEM

侧固式刀柄/SIDE LOCK CHUCKS JIS B 6339 BT/BBT



FEATURES:

- Tolerance of head inner bore: H5.
- For clamping shank tools complying with DIN1835-B flat shank standard.



型号 MODEL		尺寸SIZE (mm)								
JIS B 6339		D	D1	L	L1	L2	M	P	Q	Fig
BT30-SLN16-63	30	48	16	63	47	52	M14×2	24	—	A
BT30-SLN20-70	30	52	20	70	49	54	M16×2	25	—	A
BT40-SLN12-63	40	42	12	63	44	49	M12×1.75	22.5	—	A
BT40-SLN12-100	40	42	12	100	44	49	M12×1.75	22.5	—	A
BT40-SLN14-63	50	44	14	63	44	49	M12×1.75	22.5	—	A
BT40-SLN14-100	50	44	14	100	44	49	M12×1.75	22.5	—	A
BT40-SLN16-63	50	48	16	63	47	52	M14×2	24	—	A
BT40-SLN16-100	50	48	16	100	47	52	M14×2	24	—	A
BT40-SLN20-70	50	52	20	70	49	54	M16×2	25	—	A
BT40-SLN20-100	50	52	20	100	49	54	M16×2	25	—	A
BT40-SLN20-120	50	52	20	120	49	54	M16×2	25	—	A
BT40-SLN20-160	50	52	20	160	49	54	M16×2	25	—	A
BT40-SLN25-90	50	65	25	90	54	66	M18×2	24	25	B
BT40-SLN25-120	50	65	25	120	54	66	M18×2	24	25	B
BT40-SLN25-160	50	65	25	160	54	66	M18×2	24	25	B
BT40-SLN32-100	50	72	32	100	58	70	M20×2	24	28	B
BT40-SLN32-120	50	72	32	120	58	70	M20×2	24	28	B
BT40-SLN32-160	50	72	32	160	58	70	M20×2	24	28	B

✧ Accessories need to be ordered separately.

✧ Please contact our company if you need products of other models or specifications.

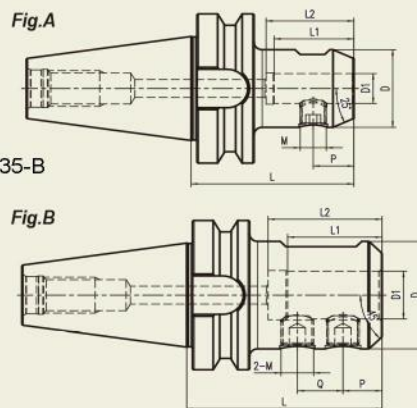
配件 ASSEMBLE PARTS	D					
	12	14	16	20	25	32
螺钉 SCREW	SLN14		SLN16	SLN20	SLN25	SLN32
附件 ACCESSORIES	D					
	12	14	16	20	25	32
扳手 HEX WRENCH	S6			S8		S10

侧固式刀柄/SIDE LOCK CHUCKS JIS B 6339 BT/BBT



FEATURES:

- Tolerance of head inner bore: H5.
- For clamping shank tools complying with DIN1835-B flat shank standard.



型号 MODEL		尺寸SIZE (mm)								
JIS B 6339		D	D1	L	L1	L2	M	P	Q	Fig
BT50-SLN16-80	50	48	16	80	47	52	M14×2	24	—	A
BT50-SLN16-100	50	48	16	100	47	52	M14×2	24	—	A
BT50-SLN20-80	50	52	20	80	49	54	M16×2	25		A
BT50-SLN20-100	50	52	20	100	49	54	M16×2	25	—	A
BT50-SLN20-120	50	52	20	120	49	54	M16×2	25	—	A
BT50-SLN20-160	50	52	20	160	49	54	M16×2	25	—	A
BT50-SLN20-200	50	52	20	200	49	54	M16×2	25	—	A
BT50-SLN25-100	50	65	25	100	54	66	M18×2	24	25	B
BT50-SLN25-120	50	65	25	120	54	66	M18×2	24	25	B
BT50-SLN25-160	50	65	25	160	54	66	M18×2	24	25	B
BT50-SLN25-200	50	65	25	200	54	66	M18×2	24	25	B
BT50-SLN32-105	50	72	32	105	58	70	M20×2	24	28	B
BT50-SLN32-120	50	72	32	120	58	70	M20×2	24	28	B
BT50-SLN32-160	50	72	32	160	58	70	M20×2	24	28	B
BT50-SLN32-200	50	72	32	200	58	70	M20×2	24	28	B
BT50-SLN40-120	50	80	40	120	68	80	M20×2	30	32	B
BT50-SLN40-160	50	80	40	160	68	80	M20×2	30	32	B
BT50-SLN40-200	50	80	40	200	68	80	M20×2	30	32	B

✧ Accessories need to be ordered separately.

✧ Please contact our company if you need products of other models or specifications.

配件 ASSEMBLE PARTS		D				
		16	20	25	32	40
	螺钉 SCREW	SLN16	SLN20	SLN25	SLN32	
附件 ACCESSORIES		D				
		16	20	25	32	40
	扳手 HEX WRENCH	S6	S8		S10	

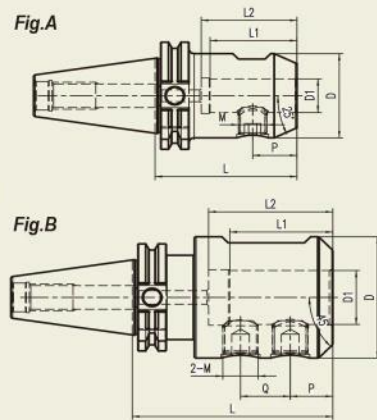
One-stop shop/OEM

侧固式刀柄/SIDE LOCK CHUCKS DIN 69871 SK



FEATURES:

- Tolerance of head inner bore: H5.
- For clamping shank tools complying with DIN1835-B flat shank standard.



型号 MODEL	尺寸SIZE (mm)									
DIN 69871 SK		D	D1	L	L1	L2	M	P	Q	Fig
SK40-SLN12-63	40	42	12	63	44	49	M12×1.75	22.5	-	A
SK40-SLN12-100	40	42	12	100	44	49	M12×1.75	22.5	-	A
SK40-SLN16-63	40	48	16	63	47	52	M14×2	24	-	A
SK40-SLN16-100	40	48	16	100	47	52	M14×2	24	-	A
SK40-SLN20-63	40	52	20	63	49	54	M16×2	25	-	A
SK40-SLN20-100	40	52	20	100	49	54	M16×2	25	-	A
SK40-SLN20-160	40	52	20	160	49	54	M16×2	25	-	A
SK40-SLN25-100	40	65	25	100	54	66	M18×2	24	25	B
SK40-SLN25-160	40	65	25	160	54	66	M18×2	24	25	B
SK40-SLN25-200	40	65	25	200	54	66	M18×2	24	25	B
SK40-SLN32-100	40	72	32	100	58	70	M18×2	24	28	B
SK40-SLN32-160	40	72	32	160	58	70	M20×2	24	28	B
SK40-SLN32-200	40	72	32	200	58	70	M20×2	24	28	B

✧ Accessories need to be ordered separately.

✧ Please contact our company if you need products of other models or specifications.

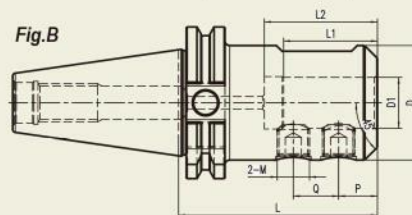
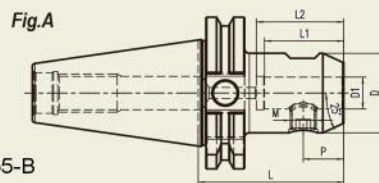
配件 ASSEMBLE PARTS	D				
	12	16	20	25	32
螺钉 SCREW	SLN14	SLN16	SLN20	SLN25	SLN32
附件 ACCESSORIES	D				
	16	20	25	32	40
扳手 HEX WRENCH	S6	S8			S10

侧固式刀柄/SIDE LOCK CHUCKS DIN 69871 SK



FEATURES:

- Tolerance of head inner bore: H5.
- For clamping shank tools complying with DIN1835-B flat shank standard.



型号 MODEL		尺寸SIZE (mm)								
DIN 69871 SK		D	D1	L	L1	L2	M	P	Q	Fig
SK50-SLN16-63	50	48	16	63	47	52	M14×2	24	-	A
SK50-SLN16-100	50	48	16	100	47	52	M14×2	24	-	A
SK50-SLN20-63	50	52	20	63	49	54	M16×2	25	-	A
SK50-SLN20-100	50	52	20	100	49	54	M16×2	25	-	A
SK50-SLN20-160	50	52	20	160	49	54	M16×2	25	-	A
SK50-SLN25-80	50	65	25	80	54	66	M18×2	24	25	B
SK50-SLN25-120	50	65	25	120	54	66	M18×2	24	25	B
SK50-SLN25-160	50	65	25	160	54	66	M18×2	24	25	B
SK50-SLN32-100	50	72	32	100	58	70	M20×2	24	28	B
SK50-SLN32-160	50	72	32	160	58	70	M20×2	24	28	B
SK50-SLN32-200	50	72	32	200	58	70	M20×2	24	28	B
SK50-SLN40-100	50	80	40	100	68	80	M20×2	30	32	B
SK50-SLN40-110	50	80	40	110	68	80	M20×2	30	32	B
SK50-SLN40-160	50	80	40	160	68	80	M20×2	30	32	B
SK50-SLN40-200	50	80	40	200	68	80	M20×2	30	32	B

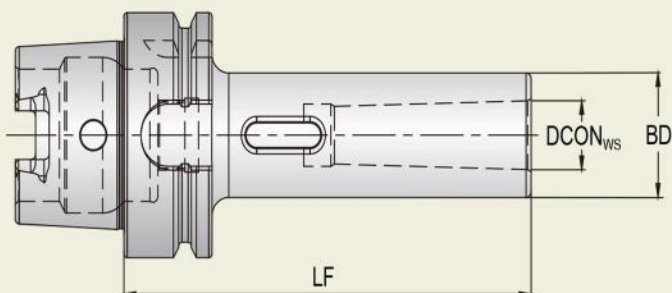
✧ Accessories need to be ordered separately.

✧ Please contact our company if you need products of other models or specifications.

配件 ASSEMBLE PARTS		D				
		16	20	25	32	40
	螺钉 SCREW	SLN16	SLN20	SLN25	SLN32	
附件 ACCESSORIES		D				
		16	20	25	32	40
	扳手 HEX WRENCH	S6	S8		S10	

One-stop shop/OEM

有扁尾莫氏圆锥孔刀柄/MT REDUCING ADAPTOR WITH TANG DIN 69893 HSK-A



型号 MODEL DIN 69893		莫氏锥度 MORSE TAPER	安装钻头直径 (mm) DRILLING TOOL	BD	尺寸SIZE (mm) DCON _{WS}	LF
HSK63A-MTA1-100	HSK-A63	MT1	3-14	25	12.065	100
HSK63A-MTA2-120	HSK-A63	MT2	14.25-23.0	32	17.78	120
HSK63A-MTA3-140	HSK-A63	MT3	23.25-31.75	40	23.825	140
HSK63A-MTA4-160	HSK-A63	MT4	32.0-50.5	48	31.267	160
HSK100A-MTA1-110	HSK-A100	MT1	3-14	25	12.065	110
HSK100A-MTA2-120	HSK-A100	MT2	14.25-23.0	32	17.78	120
HSK100A-MTA3-150	HSK-A100	MT3	23.25-31.75	40	23.825	150
HSK100A-MTA4-170	HSK-A100	MT4	32.0-50.5	48	31.267	170
HSK100A-MTA5-200	HSK-A100	MT5	51-76	63	44.399	200

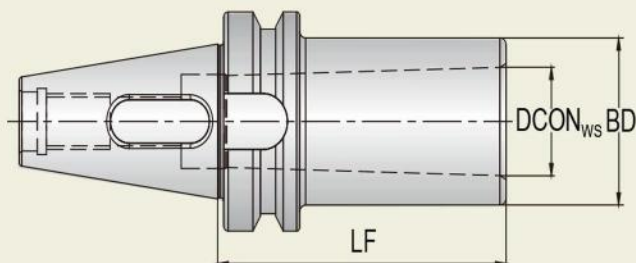
✧ Accessories need to be ordered separately.

✧ Please contact our company if you need products of other models or specifications.

附件 ACCESSORIES	HSK-A63	HSK-A100
冷却液套管 COOLANT TUBE	TS-HSK63 / TS-HSK63-W	TS-HSK100 / TS-HSK100-W
扳手 COOLANT TUBE WRENCH	HSK63	HSK100

有扁尾莫氏圆锥孔刀柄/MT REDUCING ADAPTOR WITH TANG

JIS B 6339 BT/BBT



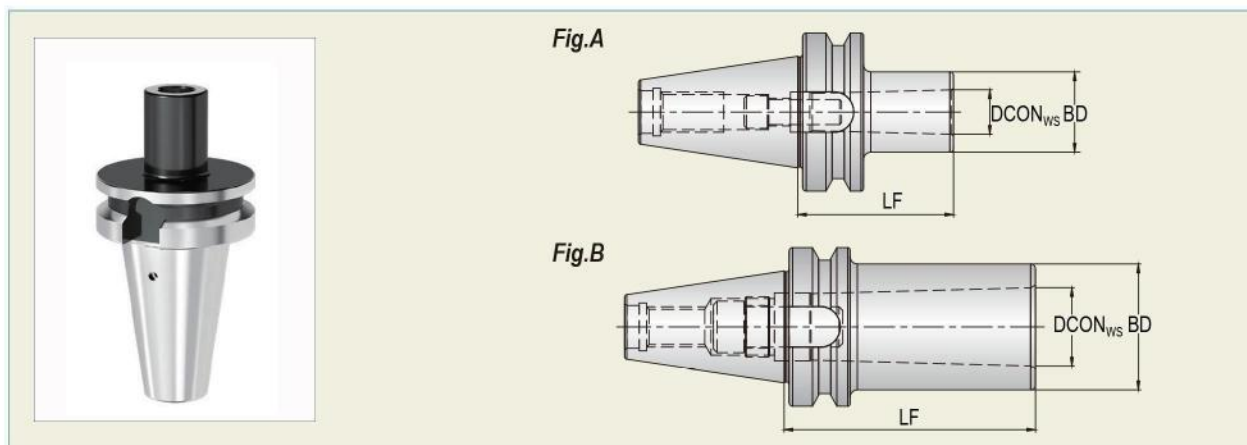
型号 MODEL JIS B 6339		莫氏锥度 MORSE TAPER	安装钻头直径 (mm) DRILLING TOOL	BD	尺寸SIZE (mm) DCON _{ws}	LF
BT30-MTA1-50	30	MT1	3-14	12.065	25	50
BT30-MTA2-60	30	MT2	14.25-23.0	17.78	32	60
BT40-MTA1-45	40	MT1	3-14	12.065	25	45
BT40-MTA1-120	40	MT1	3-14	12.065	25	120
BT40-MTA2-60	40	MT2	14.25-23.0	17.78	32	60
BT40-MTA2-120	40	MT2	14.25-23.0	17.78	32	120
BT40-MTA3-75	40	MT3	23.25-31.75	23.825	40	75
BT40-MTA3-135	40	MT3	23.25-31.75	23.825	40	135
BT40-MTA4-95	40	MT4	32.0-50.5	31.267	48	95
BT40-MTA4-165	40	MT4	32.0-50.5	31.267	48	165
BT50-MTA1-45	50	MT1	3-14	12.065	25	45
BT50-MTA1-120	50	MT1	3-14	12.065	25	120
BT50-MTA1-180	50	MT1	3-14	12.065	25	180
BT50-MTA2-45	50	MT2	14.25-23.0	17.78	32	45
BT50-MTA2-135	50	MT2	14.25-23.0	17.78	32	135
BT50-MTA2-180	50	MT2	14.25-23.0	17.78	32	180
BT50-MTA3-75	50	MT3	23.25-31.75	23.825	40	75
BT50-MTA3-150	50	MT3	23.25-31.75	23.825	40	150
BT50-MTA3-180	50	MT3	23.25-31.75	23.825	40	180
BT50-MTA4-75	50	MT4	32.0-50.5	31.267	48	75
BT50-MTA4-180	50	MT4	32.0-50.5	31.267	48	180
BT50-MTA5-107	50	MT5	51-76	44.399	63	107
BT50-MTA5-210	50	MT5	51-76	44.399	63	210

✧ Please contact our company if you need products of other models or specifications.

✧ Attachment: Wedge plate, to be ordered separately.



无扁尾莫氏圆锥孔刀柄/MT REDUCING ADAPTOR FOR LOCKING THREADS JIS B 6339 BT/BBT-B

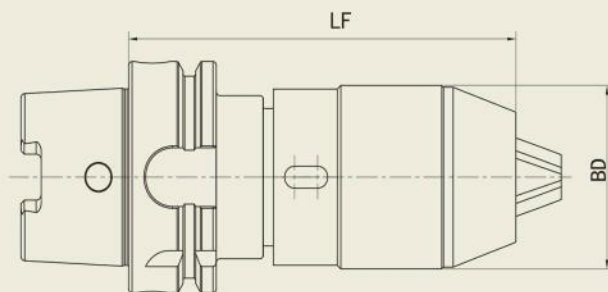


型号 MODEL		莫氏锥度 MORSE TAPER	安装钻头直径 (mm) DRILLING TOOL	尺寸SIZE (mm)			
JIS B 6339				BD	DCON _{WS}	LF	Fig
BT40-MW1-50	40	MT1	6-12	12.065	27	50	A
BT40-MW2-64	40	MT2	14-20	17.78	32	64	A
BT40-MW3-76	40	MT3	22-36	23.825	40	76	B
BT40-MW4-103	40	MT4	32-56	31.267	50	103	B
BT50-MW1-45	50	MT1	6-12	12.065	27	45	A
BT50-MW2-60	50	MT2	14-20	17.78	32	60	A
BT50-MW3-65	50	MT3	22-36	23.825	40	65	A
BT50-MW4-75	50	MT4	32-56	31.267	50	75	A
BT50-MW5-105	50	MT5	40-63	44.399	78	105	B

✧ Accessories need to be ordered separately.

✧ Please contact our company if you need products of other models or specifications.

整体式钻夹头刀柄/SHORT DRILL CHUCKS DIN 69893 HSK-A



型号 MODEL		夹持范围 GRIPPING RANGE (mm)	尺寸 SIZE (mm)	
DIN 69893			BD	LF
HSK63A-APU13-155	HSK-A63	1.0-13	50	155
HSK63A-APU16-160	HSK-A63	3-16	54	160
HSK100A-APU13-165	HSK-A100	1.0-13	50	165
HSK100A-APU16-170	HSK-A100	3-16	54	170

✧ Accessories need to be ordered separately.

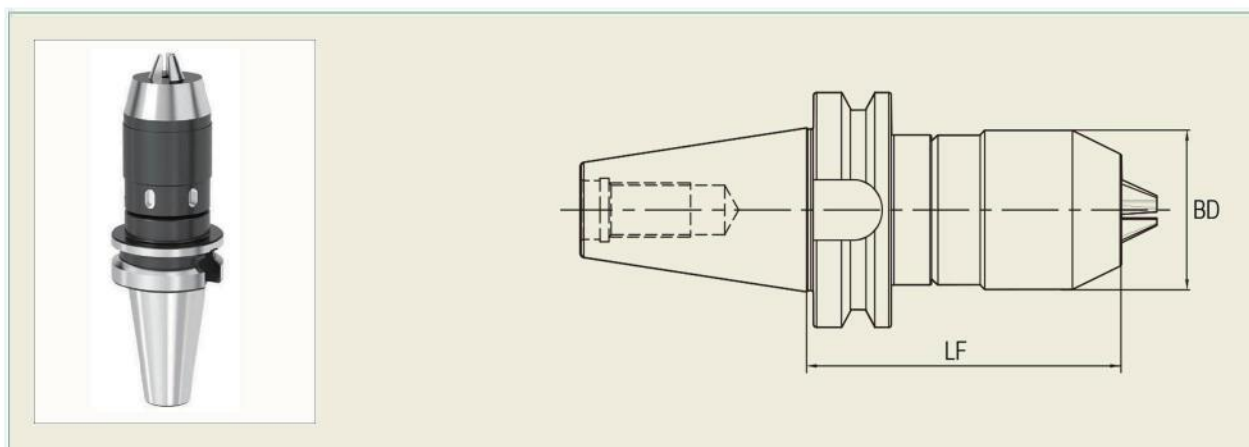
✧ Please contact our company if you need products of other models or specifications.

✧ APU standard drill chuck, optional high-precision Taiwan CPU drill chuck.

附件 ACCESSORIES	APU13	APU16
扳手 HEX WRENCH	G32	G32
	HSK-A63	HSK-A100
冷却液套管 COOLANT TUBE	TS-HSK63 / TS-HSK63-W	TS-HSK100 / TS-HSK100-W
扳手 COOLANT TUBE WRENCH	HSK63	HSK100

One-stop shop/OEM

整体式钻夹头刀柄/SHORT DRILL CHUCKS JIS B 6339 BT/BBT



型号 MODEL		夹持范围 GRIPPING RANGE (mm)	尺寸SIZE (mm)	
JIS B 6339			BD	LF
BT40-APU13-110	40	1.0-13	50	110
BT40-APU16-115	40	3-16	54	115
BT50-APU13-105	50	1.0-13	50	105
BT50-APU16-110	50	3-16	54	110

✧ Accessories need to be ordered separately.

✧ Please contact our company if you need products of other models or specifications.

✧ APU standard drill chuck, optional high-precision Taiwan CPU drill chuck.

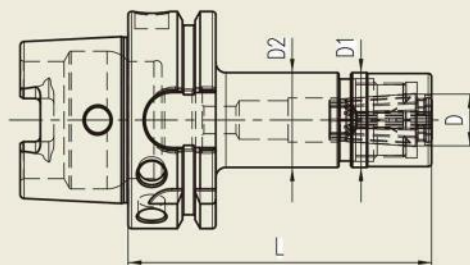
附件 ACCESSORIES	APU13	APU16
 扳手 HEX WRENCH	G32	G32

SK 高精度弹簧夹头刀柄/SK PRECISION COLLET CHUCKS DIN 69893 HSK-A



FEATURES:

- Total runout: 0.005 (4×d)
- Internal coolant through design.
- Standard-equipped aerodynamic nuts.
- Standard dynamic balance: G2.5/25000rpm



型号 MODEL		尺寸SIZE (mm)			
DIN 69893		D	D1	D2	LF
HSK50A-SK10-75	HSK-A50	3-10	27.5	27.5	75
HSK50A-SK16-80	HSK-A50	3-10	40.5	40.5	80
HSK63A-SK06-90	HSK-A63	3-6	20	20	90
HSK63A-SK06-120	HSK-A63	3-6	20	20	120
HSK63A-SK10-90	HSK-A63	3-10	27.5	27.5	90
HSK63A-SK10-120	HSK-A63	3-10	27.5	27.5	120
HSK63A-SK16-90	HSK-A63	3-16	40.5	40.5	90
HSK63A-SK16-120	HSK-A63	3-16	40.5	48.5	120
HSK63A-SK20-90	HSK-A63	3-20	48.5	48.5	90
HSK63A-SK20-120	HSK-A63	3-20	48.5	48.5	120
HSK63A-SK25-90	HSK-A63	3-25	55.5	55.5	90
HSK63A-SK25-120	HSK-A63	3-25	55.5	55.5	120
HSK100A-SK06-100	HSK-A100	3-6	20	20	100
HSK100A-SK10-100	HSK-A100	3-10	27.5	27.5	100
HSK100A-SK10-120	HSK-A100	3-16	27.5	27.5	120
HSK100A-SK10-150	HSK-A100	3-10	27.5	27.5	150
HSK100A-SK16-100	HSK-A100	3-16	40.5	40.5	100
HSK100A-SK16-120	HSK-A100	3-16	40.5	40.5	120
HSK100A-SK16-150	HSK-A100	3-16	40.5	40.5	150
HSK100A-SK20-120	HSK-A100	3-20	48.5	48.5	120
HSK100A-SK20-150	HSK-A100	3-20	48.5	48.5	150
HSK100A-SK20-200	HSK-A100	3-20	48.5	48.5	200
HSK100A-SK25-120	HSK-A100	3-25	55.5	55.5	120
HSK100A-SK25-150	HSK-A100	3-25	55.5	55.5	150

✧ Accessories need to be ordered separately.

✧ SK circlip specifications details on P107.

✧ Please contact our company if you need products of other models or specifications.

配件 ASSEMBLY PARTS	D				
	06	10	16	20	25
螺母 NUTS	SK06	SK10	SK16	SK20	SK25
附件 ACCESSORIES	D				
	06	10	16	20	25
扳手 WRENCH	ZSK06	ZSK10	ZSK16	ZSK20	ZSK25
卡簧 COLLETS	SK06	SK10	SK16	SK20	SK25
		HSK-A50		HSK-A63	
冷却液套管 COOLANT TUBE	TS-HSK50 / TS-HSK50-W		TS-HSK63 / TS-HSK63-W		TS-HSK63 / TS-HSK63-W
扳手 COOLANT TUBE WRENCH	HSK50		HSK63		HSK100

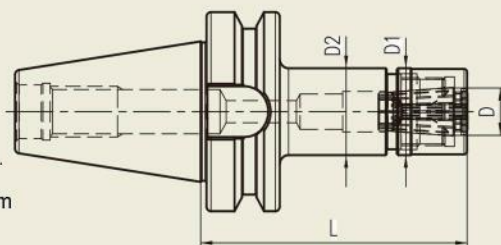
One-stop shop/OEM

SK 高精度弹簧夹头刀柄/SK PRECISION COLLET CHUCKS JIS B 6339 BT/BBT



FEATURES:

- Total runout: 0.005 (4×d)
- Internal coolant through design.
- Standard-equipped aerodynamic nuts.
- Standard dynamic balance: G2.5/25000rpm



型号 MODEL		尺寸SIZE (mm)			
JIS B 6339		D	D1	D2	LF
BT30-SK06-60	30	3-6	20	20	60
BT30-SK06-90	30	3-6	20	20	90
BT30-SK06-120	30	3-6	20	20	120
BT30-SK10-60	30	3-10	27.5	27.5	60
BT30-SK10-90	30	3-10	27.5	27.5	90
BT30-SK10-120	30	3-10	27.5	27.5	120
BT30-SK16-60	30	3-16	40.5	40.5	60
BT30-SK16-90	30	3-16	40.5	40.5	90
BT30-SK16-120	30	3-16	40.5	40.5	120
BT30-SK20-60	30	3-20	48.5	48.5	60
BT30-SK20-90	30	3-20	48.5	48.5	90
BT30-SK25-90	30	3-25	55.5	55.5	90

✧ Accessories need to be ordered separately.

✧ SK circlip specifications details on P107.

✧ Please contact our company if you need products of other models or specifications.

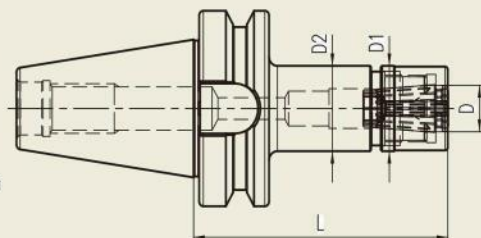
配件 ASSEMBLE PARTS		D			
		06	10	16	25
螺母 NUTS		SK06	SK10	SK16	SK20
附件 ACCESSORIES		D			
		06	10	16	25
扳手 WRENCH		ZSK06	ZSK10	ZSK16	ZSK20
卡簧 COLLETS		SK06	SK10	SK16	SK20

SK 高精度弹簧夹头刀柄/SK PRECISION COLLET CHUCKS JIS B 6339 BT/BBT



FEATURES:

- Total runout: 0.005 (4×d)
- Internal coolant through design.
- Standard-equipped aerodynamic nuts.
- Standard dynamic balance: G2.5/25000rpm



型号 MODEL		尺寸SIZE (mm)			
JIS B 6339		D	D1	D2	LF
BT40-SK06-60	40	3-6	20	20	60
BT40-SK06-90	40	3-6	20	20	90
BT40-SK06-120	40	3-6	20	20	120
BT40-SK06-150	40	3-6	20	20	150
BT40-SK10-60	40	3-10	27.5	27.5	60
BT40-SK10-90	40	3-10	27.5	27.5	90
BT40-SK10-120	40	3-10	27.5	27.5	120
BT40-SK10-150	40	3-10	27.5	27.5	150
BT40-SK16-60	40	3-16	40.5	40.5	60
BT40-SK16-90	40	3-16	40.5	40.5	90
BT40-SK16-120	40	3-16	40.5	40.5	120
BT40-SK16-150	40	3-16	40.5	40.5	150
BT40-SK20-60	40	3-20	48.5	48.5	60
BT40-SK20-90	40	3-20	48.5	48.5	90
BT40-SK20-120	40	3-20	48.5	48.5	120
BT40-SK25-90	40	3-25	55.5	55.5	90
BT40-SK25-120	40	3-25	55.5	55.5	120

✧ Accessories need to be ordered separately.

✧ SK circlip specifications details on P107.

✧ Please contact our company if you need products of other models or specifications.

配件 ASSEMBLE PARTS	D				
	06	10	16	20	25
螺母 NUTS	SK06	SK10	SK16	SK20	SK25
附件 ACCESSORIES	D				
	06	10	16	20	25
扳手 WRENCH	ZSK06	ZSK10	ZSK16	ZSK20	ZSK25
卡簧 COLLETS	SK06	SK10	SK16	SK20	SK25

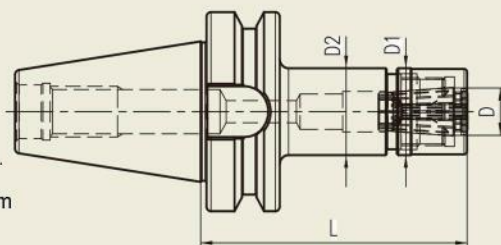
One-stop shop/OEM

SK 高精度弹簧夹头刀柄/SK PRECISION COLLET CHUCKS JIS B 6339 BT/BBT



FEATURES:

- Total runout: 0.005 (4×d)
- Internal coolant through design.
- Standard-equipped aerodynamic nuts.
- Standard dynamic balance: G2.5/25000rpm



型号 MODEL JIS B 6339	尺寸SIZE (mm)	D	D1	D2	LF
BT50-SK06-100	50	3-6	20	20	100
BT50-SK06-120	50	3-6	20	20	120
BT50-SK06-150	50	3-6	20	20	150
BT50-SK06-200	50	3-6	20	20	200
BT50-SK10-100	50	3-10	27.5	27.5	100
BT50-SK10-120	50	3-10	27.5	27.5	120
BT50-SK10-150	50	3-10	27.5	27.5	150
BT50-SK10-200	50	3-10	27.5	27.5	200
BT50-SK16-100	50	3-16	40.5	40.5	100
BT50-SK16-120	50	3-16	40.5	40.5	120
BT50-SK16-150	50	3-16	40.5	40.5	150
BT50-SK16-200	50	3-16	40.5	40.5	200
BT50-SK20-100	50	3-20	48.5	48.5	100
BT50-SK20-120	50	3-20	48.5	48.5	120
BT50-SK20-150	50	3-20	48.5	48.5	150
BT50-SK20-200	50	3-20	48.5	48.5	200
BT50-SK25-100	50	3-25	55.5	55.5	100
BT50-SK25-120	50	3-25	55.5	55.5	120
BT50-SK25-150	50	3-25	55.5	55.5	150
BT50-SK25-200	50	3-25	55.5	55.5	200

✧ Accessories need to be ordered separately.

✧ SK circlip specifications details on P107.

✧ Please contact our company if you need products of other models or specifications.

配件 ASSEMBLE PARTS	D				
	06	10	16	20	25
螺母 NUTS	SK06	SK10	SK16	SK20	SK25
附件 ACCESSORIES	D				
	06	10	16	20	25
扳手 WRENCH	ZSK06	ZSK10	ZSK16	ZSK20	ZSK25
卡簧 COLLETS	SK06	SK10	SK16	SK20	SK25

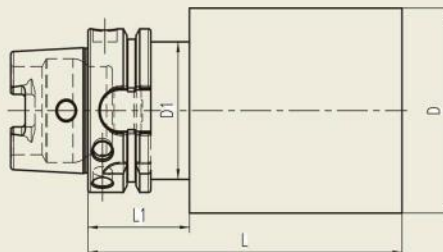
毛坯刀柄/BLANK TOOL HOLDER

DIN 69893 HSK-A



FEATURES:

- Shank hardness: HRC54-58
- Blank end hardness: HRC28-32 for $D \leq 65$; HRC25-30 for $D > 65$.
- Shank precision ground to specification, blank end finish turned.



型号 MODEL DIN 69893		尺寸SIZE (mm)			
		D	D1	L	L1
HSK63A-D069-125	HSK-A63	69	53	125	42
HSK63A-D069-155	HSK-A63	69	53	155	42
HSK63A-D069-195	HSK-A63	69	53	195	42
HSK63A-D069-255	HSK-A63	69	53	255	42
HSK63A-D090-195	HSK-A63	90	53	195	42
HSK63A-D090-155	HSK-A63	90	53	155	42
HSK63A-D109-175	HSK-A63	109	53	175	42
HSK63A-D109-215	HSK-A63	109	53	215	42
HSK63A-D109-255	HSK-A63	109	53	255	42
HSK80A-D088-185	HSK-A80	88	68	185	42
HSK80A-D088-255	HSK-A80	88	68	255	42
HSK80A-D088-300	HSK-A80	88	68	300	42
HSK100A-D088-160	HSK-A100	88	-	160	45
HSK100A-D088-240	HSK-A100	88	-	240	45
HSK100A-D088-320	HSK-A100	88	-	320	45

✧ Please contact our company if you need products of other models or specifications.

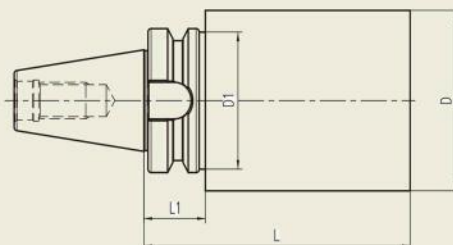
毛坯刀柄/BLANK TOOL HOLDER

JIS B 6339 BT



FEATURES:

- Shank hardness: HRC54-58
- Blank end hardness: HRC28-32 for $D \leq 65$; HRC25-30 for $D > 65$.
- Shank precision ground to specification, blank end finish turned.



型号 MODEL		尺寸SIZE (mm)				
JIS B 6339		D	D1	L	L1	
BT40-D069-125	40	69	60	125	30	
BT40-D069-155	40	69	60	155	30	
BT40-D069-195	40	69	60	195	30	
BT40-D069-225	40	69	60	225	30	
BT40-D069-255	40	69	60	255	30	
BT40-D109-175	40	109	60	175	30	
BT40-D109-215	40	109	60	215	30	
BT40-D109-255	40	109	60	255	30	
BT50-D080-180	50	80	—	180	—	
BT50-D080-240	50	80	—	240	—	
BT50-D080-320	50	80	—	320	—	
BT50-D120-120	50	120	99	120	43	
BT50-D120-180	50	120	99	180	43	
BT50-D120-240	50	120	99	240	43	
BT50-D120-320	50	120	99	320	43	

✦ Please contact our company if you need products of other models or specifications.

PRODUCTS-ACCESSORIES



GER NUTS



M 型



UM 型



SLIDING NUTS



A 型

NUTS

TUBE



COOLANT TUBE

PULL STUD



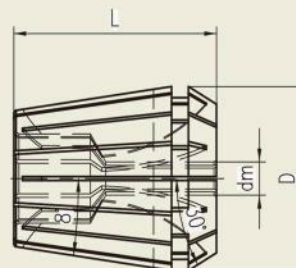
PULL STUD TYPES

ER 卡簧 / (DIN 6499) ER COLLETS



REMARKS:

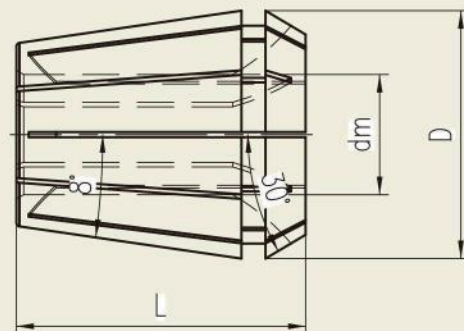
- Precision is in accordance with DIN6449 standard.
- Clamping the tool at a length less than 2/3 of the collet inner bore will cause permanent damage to the collet.
- Clamped tool $\leq$ max clamping diameter of collet.
- Clamping collet range: 0.5mm (ER08-ER11), 1.0mm (ER16+)



dm 夹持范围 (mm)	ER08 L/D(mm) 13.7/8.5	ER11 L/D(mm) 18/11.7	ER16 L/D(mm) 27.5/17.25	ER20 L/D(mm) 31.5/21.3	ER25 L/D(mm) 34.0/26.3	ER32 L/D(mm) 40.0/33.35	ER40 L/D(mm) 46.0/41.4	ER50 L/D(mm) 60.0/52.0
1.0	ER08-1.0	ER11-1.0	ER16-1.0	ER20-1.0	ER25-1.0			
2.0	ER08-2.0	ER11-2.0	ER16-2.0	ER20-2.0	ER25-2.0	ER32-2.0		
3.0	ER08-3.0	ER11-3.0	ER16-3.0	ER20-3.0	ER25-3.0	ER32-3.0	ER40-3.0	
4.0	ER08-4.0	ER11-4.0	ER16-4.0	ER20-4.0	ER25-4.0	ER32-4.0	ER40-4.0	
5.0	ER08-5.0	ER11-5.0	ER16-5.0	ER20-5.0	ER25-5.0	ER32-5.0	ER40-5.0	
6.0		ER11-6.0	ER16-6.0	ER20-6.0	ER25-6.0	ER32-6.0	ER40-6.0	ER50-6.0
7.0		ER11-7.0	ER16-7.0	ER20-7.0	ER25-7.0	ER32-7.0	ER40-7.0	ER50-7.0
8.0		ER11-8.0	ER16-8.0	ER20-8.0	ER25-8.0	ER32-8.0	ER40-8.0	ER50-8.0
9.0			ER16-9.0	ER20-9.0	ER25-9.0	ER32-9.0	ER40-9.0	ER50-9.0
10.0			ER16-10.0	ER20-10.0	ER25-10.0	ER32-10.0	ER40-10.0	ER50-10.0
11.0				ER20-11.0	ER25-11.0	ER32-11.0	ER40-11.0	ER50-11.0
12.0				ER20-12.0	ER25-12.0	ER32-12.0	ER40-12.0	ER50-12.0
13.0				ER20-13.0	ER25-13.0	ER32-13.0	ER40-13.0	ER50-13.0
14.0					ER25-14.0	ER32-14.0	ER40-14.0	ER50-14.0
15.0					ER25-15.0	ER32-15.0	ER40-15.0	ER50-15.0
16.0					ER25-16.0	ER32-16.0	ER40-16.0	ER50-16.0
17.0						ER32-17.0	ER40-17.0	ER50-17.0
18.0						ER32-18.0	ER40-18.0	ER50-18.0
19.0						ER32-19.0	ER40-19.0	ER50-19.0
20.0						ER32-20.0	ER40-20.0	ER50-20.0
21.0							ER40-21.0	ER50-21.0
22.0							ER40-22.0	ER50-22.0
23.0							ER40-23.0	ER50-23.0
24.0							ER40-24.0	ER50-24.0
25.0							ER40-25.0	ER50-25.0
26.0							ER40-26.0	ER50-26.0
27.0								ER50-27.0
28.0								ER50-28.0
29.0								ER50-29.0
30.0								ER50-30.0
31.0								ER50-31.0
32.0								ER50-32.0
33.0								ER50-33.0
34.0								ER50-34.0
35.0								ER50-35.0
36.0								ER50-36.0

✧ Please contact our company if you need products of other models or specifications.

FER 防腐型 FER CORROSION PROTECTION



dm 夹持范围 (mm)	FER11 L/D(mm) 18/11.7	FER16 L/D(mm) 27.5/17.25	FER20 L/D(mm) 31.5/21.3	FER25 L/D(mm) 34.0/26.3
3.0	FER11-3.0	FER16-3.0	FER20-3.0	FER25-3.0
4.0	FER11-4.0	FER16-4.0	FER20-4.0	FER25-4.0
5.0	FER11-5.0	FER16-5.0	FER20-5.0	FER25-5.0
6.0	FER11-6.0	FER16-6.0	FER20-6.0	FER25-6.0
7.0		FER16-7.0	FER20-7.0	FER25-7.0
8.0		FER16-8.0	FER20-8.0	FER25-8.0
9.0		FER16-9.0	FER20-9.0	FER25-9.0
10.0		FER16-10.0	FER20-10.0	FER25-10.0
11.0			FER20-11.0	FER25-11.0
12.0			FER20-12.0	FER25-12.0
13.0			FER20-13.0	FER25-13.0
14.0				FER25-14.0
15.0				FER25-15.0
16.0				FER25-16.0

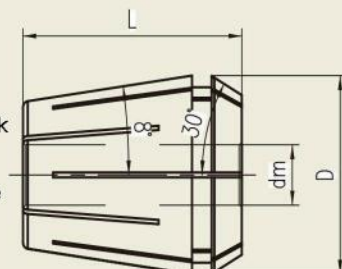
✧ Please contact our company if you need products of other models or specifications.

ERC 止水卡簧 / (DIN 6499) ERC COOLANT COLLET



REMARKS:

- Precision is in accordance with DIN6449 standard.
- For reliable water sealing performance, use sized shank with h9 tolerance for clamping.
- Shank length must be $\geq$ internal length of circlip to ensure water sealing.
- Clamped tool $\leq$ max clamping diameter of collet.



dm 夹持范围 (mm)	ER11C L/D(mm) 18/11.6	ER16C L/D(mm) 27.5/17.1	ER20C L/D(mm) 31.5/21.1	ER25C L/D(mm) 34.0/26.1	ER32C L/D(mm) 40.0/33.1	ER40C L/D(mm) 46.0/41.1
3.0	ER11C-3.0	ER16C-3.0	ER20C-3.0	ER25C-3.0		
4.0	ER11C-4.0	ER16C-4.0	ER20C-4.0	ER25C-4.0	ER32C-4.0	
5.0	ER11C-5.0	ER16C-5.0	ER20C-5.0	ER25C-5.0	ER32C-5.0	ER40C-5.0
6.0	ER11C-6.0	ER16C-6.0	ER20C-6.0	ER25C-6.0	ER32C-6.0	ER40C-6.0
7.0		ER16C-7.0	ER20C-7.0	ER25C-7.0	ER32C-7.0	ER40C-7.0
8.0		ER16C-8.0	ER20C-8.0	ER25C-8.0	ER32C-8.0	ER40C-8.0
9.0		ER16C-9.0	ER20C-9.0	ER25C-9.0	ER32C-9.0	ER40C-9.0
10.0		ER16C-10.0	ER20C-10.0	ER25C-10.0	ER32C-10.0	ER40C-10.0
11.0			ER20C-11.0	ER25C-11.0	ER32C-11.0	ER40C-11.0
12.0			ER20C-12.0	ER25C-12.0	ER32C-12.0	ER40C-12.0
13.0			ER20C-13.0	ER25C-13.0	ER32C-13.0	ER40C-13.0
14.0				ER25C-14.0	ER32C-14.0	ER40C-14.0
15.0				ER25C-15.0	ER32C-15.0	ER40C-15.0
16.0				ER25C-16.0	ER32C-16.0	ER40C-16.0
17.0					ER32C-17.0	ER40C-17.0
18.0					ER32C-18.0	ER40C-18.0
19.0					ER32C-19.0	ER40C-19.0
20.0					ER32C-20.0	ER40C-20.0
21.0						ER40C-21.0
22.0						ER40C-22.0
23.0						ER40C-23.0
24.0						ER40C-24.0
25.0						ER40C-25.0

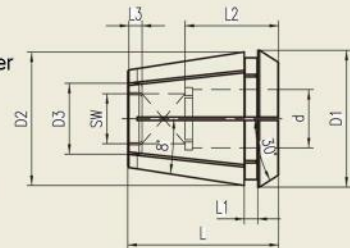
✧ Please contact our company if you need products of other models or specifications.

FERG 攻丝卡簧 (8槽) FERG RIGID TAP COLLET (8 SLOTS)



REMARKS:

- Ensure the tap's square shank matches the retainer spring's inner square size exactly.
- Clamped tool $\leq$ max clamping diameter of collet.
- Fully insert the tap's square shank into the retainer spring's square hole before machining.

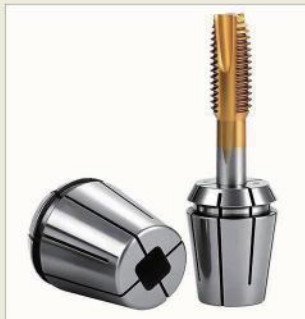


		GER16G			GER20G			GER25G			GER32G		
		L=27.5			L=31.5			L=34.0			L=40.0		
x: 不可用		L1=2.7			L1=2.8			L1=3.1			L1=3.6		
		D1=16.8			D1=20.8			D1=25.8			D1=32.8		
		D2=16.0			D2=20.0			D2=25.0			D2=32.0		
d	sw	L2	L3	D3	L3	D3	L3	D3	L3	D3	L3	D3	
[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	
2.5	2.1	12	X	X	X	X	X	X	X	X	X	X	
2.8	2.1	12	X	X	X	X	X	X	X	X	X	X	
3.5	2.7	14	X	X	X	X	X	X	X	X	X	X	
4.0	3	14	X	X	X	X	X	X	X	X	X	X	
4.0	3.15/3.2	ER11=14 ER16-32=15	4.8	7.5	9.8	9	11.8	12	17.8	15			
4.5	3.4	ER11=14 ER16-32=15	4.8	7.5	9.8	9	11.8	12	17.8	15			
5.0	4	ER11=14 ER16-32=18	4.8	7.5	9.8	9	11.8	12	17.8	15			
5.5	4.3	18	4.8	7.5	9.8	9	11.8	12	17.8	15			
5.5	4.5	18	4.8	7.5	9.8	9	11.8	12	17.8	15			
6.0	4.5	18	4.8	7.5	8.8	9	10.8	12	16.8	15			
6.0	4.9	ER11=14 ER16-32=18	4.8	7.5	8.8	9	10.8	12	16.8	15			
6.2	5	18	4.8	7.5	8.8	9	10.8	12	16.8	15			
6.3	5	18	4.8	7.5	8.8	9	10.8	12	16.8	15			
7.0	5.5	18	3.8	8	7.8	9	9.8	12	15.8	15			
7.1	5.6	18	3.8	8	7.8	9	9.8	12	15.8	15			
8.0	6.2/6.3	22	-	-	2.8	10	4.8	12	10.8	15			
8.5	6.5	22	-	-	2.8	10	4.8	12	10.8	15			
9.0	7/7.1	22	-	-	2.8	10	3.8	12	9.8	15			
10.0	8	25	X	X	-	-	-	-	6.8	15			
10.5	8	25	X	X	-	-	-	-	6.8	15			
11.0	9	25	X	X	-	-	-	-	5.8	15			
11.2	9	25	X	X	-	-	-	-	5.8	15			
12.0	9	25	X	X	-	-	-	-	5.8	15			
12.5	10	25	X	X	X	X	-	-	4.8	15			
14	11/11.2	25	X	X	X	X	-	-	3.8	17			
15	12	25	X	X	X	X	-	-	3.8	17			
16	12/12.5	25	X	X	X	X	-	-	2.8	18			
17	13	25	X	X	X	X	X	X	2.8	19.5			
18	14.5	25	X	X	X	X	X	X	2.8	21			
20	16	28	X	X	X	X	X	X	2.8	21.5			

✦ Please contact our company if you need products of other models or specifications.

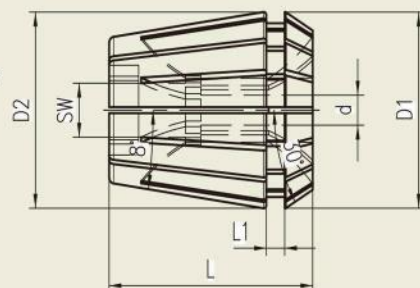
One-stop shop/OEM

TERG 攻丝卡簧 (16槽) TERG RIGID TAP COLLET (16 SLOTS)



REMARKS:

- Ensure the tap's square shank matches the retainer spring's inner square size exactly.
- Clamped tool $\leq$ max clamping diameter of collet.
- Fully insert the tap's square shank into the retainer spring's square hole before machining.



		TER16G	TER20G	TER25G	TER32G
型号 MODEL		L=27.5	L=31.5	L=34.0	L=40.0
		L1=2.7	L1=2.8	L1=3.1	L1=3.6
		D1=16.8	D1=20.8	D1=25.8	D1=32.8
d [mm]	SW [mm]	D2=16.0	D2=20.0	D2=25.0	D2=32.0
3.5	2.7	TER16G-3.5		TER25G-3.5	
4.0	3.0	TER16G-4.0	TER20G-4.0	TER25G-4.0	
4.5	3.4	TER16G-4.5	TER20G-4.5	TER25G-4.5	TER32G-4.5
5.5	4.3	TER16G-5.5	TER20G-5.5	TER25G-5.5	TER32G-5.5
6.0	4.9	TER16G-6.0	TER20G-6.0	TER25G-6.0	TER32G-6.0
7.0	5.5	TER16G-7.0	TER20G-7.0	TER25G-7.0	TER32G-7.0
8.0	6.2	TER16G-8.0	TER20G-8.0	TER25G-8.0	TER32G-8.0
9.0	7.0	TER16G-9.0	TER20G-9.0	TER25G-9.0	TER32G-9.0
10.0	8.0	TER16G10.0	TER20G10.0	TER25G10.0	TER32G10.0
11.0	9.0			TER25G-11.0	TER32G-11.0
12.0	9.0			TER25G-12.0	TER32G-12.0
14.0	11.0			TER25G-14.0	TER32G-14.0
16.0	12.0			TER25G-16.0	TER32G-16.0
18.0	14.5				TER32G-18.0
20.0	16.0				TER32G-20.0

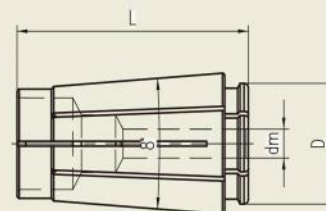
✧ Please contact our company if you need products of other models or specifications.

SK 卡簧 SK COLLET



REMARKS:

- Clamping the tool at a length less than 2/3 of the collet inner bore will cause permanent damage to the collet.
- Match the circlip's inner bore length for clamping to achieve optimal accuracy and clamping force.
- Clamped tool $\leq$ max clamping diameter of collet.



dm 夹持范围 (mm)	SK06 L/D(mm) 25.0/8.9	SK10 L/D(mm) 30.5/13.0	SK13 L/D(mm) 39.0/17.0	SK16 L/D(mm) 45.0/20.5	SK20 L/D(mm) 54.0/25.0	SK25 L/D(mm) 57.0/29.7
2.0	SK06-2.0	SK10-2.0	SK13-2.0	SK16-2.0		
3.0	SK06-3.0	SK10-3.0	SK13-3.0	SK16-3.0	SK20-3.0	SK25-3.0
4.0	SK06-4.0	SK10-4.0	SK13-4.0	SK16-4.0	SK20-4.0	SK25-4.0
5.0	SK06-5.0	SK10-5.0	SK13-5.0	SK16-5.0	SK20-5.0	SK25-5.0
6.0	SK06-6.0	SK10-6.0	SK13-6.0	SK16-6.0	SK20-6.0	SK25-6.0
7.0		SK10-7.0	SK13-7.0	SK16-7.0	SK20-7.0	SK25-7.0
8.0		SK10-8.0	SK13-8.0	SK16-8.0	SK20-8.0	SK25-8.0
9.0		SK10-9.0	SK13-9.0	SK16-9.0	SK20-9.0	SK25-9.0
10.0		SK10-10.0	SK13-10.0	SK16-10.0	SK20-10.0	SK25-10.0
11.0			SK13-11.0	SK16-11.0	SK20-11.0	SK25-11.0
12.0			SK13-12.0	SK16-12.0	SK20-12.0	SK25-12.0
13.0			SK13-13.0	SK16-13.0	SK20-13.0	SK25-13.0
14.0				SK16-14.0	SK20-14.0	SK25-14.0
15.0				SK16-15.0	SK20-15.0	SK25-15.0
16.0				SK16-16.0	SK20-16.0	SK25-16.0
17.0					SK20-17.0	SK25-17.0
18.0					SK20-18.0	SK25-18.0
19.0					SK20-19.0	SK25-19.0
20.0					SK20-20.0	SK25-20.0
21.0						SK25-21.0
22.0						SK25-22.0
23.0						SK25-23.0
24.0						SK25-24.0
25.0						SK25-25.0

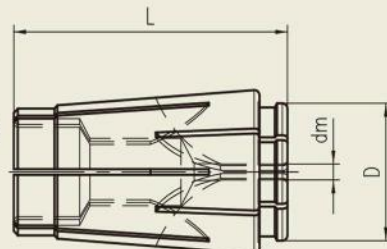
✧ Please contact our company if you need products of other models or specifications.

SKC卡簧 SKC COLLET



REMARKS:

- Clamping the tool at a length less than 2/3 of the collet inner bore will cause permanent damage to the collet.
- For reliable water sealing performance, use sized shank with h8 tolerance for clamping.
- Match the circlip's inner bore length for clamping to achieve optimal accuracy and clamping force.
- Clamped tool $\leq$ max clamping diameter of collet.



dm 夹持范围 (mm)	SK10C L/D(mm) 30.5/12.8	SK16C L/D(mm) 45.0/20.0	SK20C L/D(mm) 54.0/24.5
3.0	SK10C-3.0		
4.0	SK10C-4.0		
5.0	SK10C-5.0	SK16C-5.0	
6.0	SK10C-6.0	SK16C-6.0	SK20C-6.0
7.0	SK10C-7.0	SK16C-7.0	SK20C-7.0
8.0	SK10C-8.0	SK16C-8.0	SK20C-8.0
9.0	SK10C-9.0	SK16C-9.0	SK20C-9.0
10.0	SK10C-10.0	SK16C-10.0	SK20C-10.0
11.0		SK16C-11.0	SK20C-11.0
12.0		SK16C-12.0	SK20C-12.0
13.0		SK16C-13.0	SK20C-13.0
14.0		SK16C-14.0	SK20C-14.0
15.0		SK16C-15.0	SK20C-15.0
16.0		SK16C-16.0	SK20C-16.0
17.0			SK20C-17.0
18.0			SK20C-18.0
19.0			SK20C-19.0
20.0			SK20C-20.0

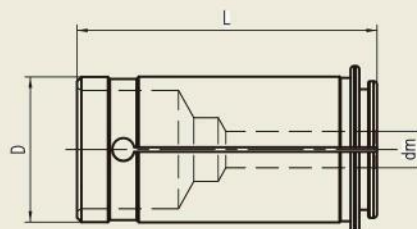
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直柄卡簧 STRAIGHT-SHANK COLLET



REMARKS:

- For power collet chucks.
- Clamping shank diameter tolerance: h6



dm 夹持范围 (mm)	C20 L/D(mm) 52.5/20.0	C25 L/D(mm) 58.0/25.0	C32 L/D(mm) 68.0/32.0	C42 L/D(mm) 78.0/42.0
3.0	C20-3.0	C25-3.0	C32-3.0	
4.0	C20-4.0	C25-4.0	C32-4.0	C42-4.0
5.0	C20-5.0	C25-5.0	C32-5.0	C42-5.0
6.0	C20-6.0	C25-6.0	C32-6.0	C42-6.0
7.0	C20-7.0	C25-7.0	C32-7.0	C42-7.0
8.0	C20-8.0	C25-8.0	C32-8.0	C42-8.0
9.0	C20-9.0	C25-9.0	C32-9.0	C42-9.0
10.0	C20-10.0	C25-10.0	C32-10.0	C42-10.0
11.0	C20-11.0	C25-11.0	C32-11.0	C42-11.0
12.0	C20-12.0	C25-12.0	C32-12.0	C42-12.0
13.0	C20-13.0	C25-13.0	C32-13.0	C42-13.0
14.0	C20-14.0	C25-14.0	C32-14.0	C42-14.0
15.0	C20-15.0	C25-15.0	C32-15.0	C42-15.0
16.0	C20-16.0	C25-16.0	C32-16.0	C42-16.0
17.0		C25-17.0	C32-17.0	C42-17.0
18.0		C25-18.0	C32-18.0	C42-18.0
19.0		C25-19.0	C32-19.0	C42-19.0
20.0		C25-20.0	C32-20.0	C42-20.0
21.0			C32-21.0	C42-21.0
22.0			C32-22.0	C42-22.0
23.0			C32-23.0	C42-23.0
24.0			C32-24.0	C42-24.0
25.0			C32-25.0	C42-25.0
26.0				C42-26.0
27.0				C42-27.0
28.0				C42-28.0
29.0				C42-29.0
30.0				C42-30.0
31.0				C42-31.0
32.0				C42-32.0

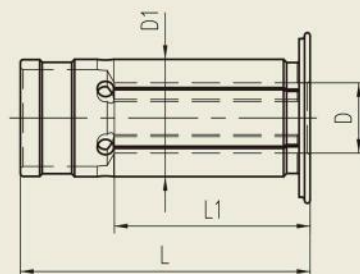
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液压卡簧 HYDRAULIC COLLET



REMARKS:

- Cutting tool: cylindrical shank, through hole required for internal coolant.
- Full contact with LS0-length hydraulic collet cavity, else permanent damage to collet/holder.
- Hydraulic collet fully insert into hydraulic holder bore, shoulder flush with holder front face.
- Cutting tool shank diameter: h6 tolerance grade.

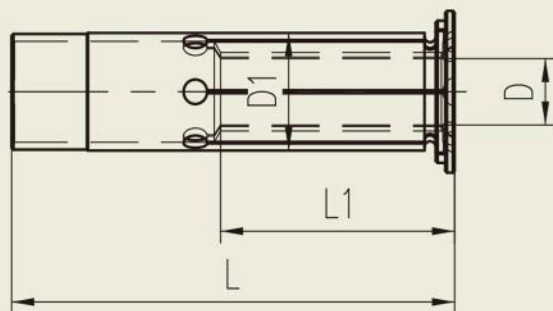


型号 MODEL	尺寸SIZE (mm)			
D	D1	L1	L	
HC12-3.0	3.0	12.0	17.3	47.0
HC12-4.0	4.0	12.0	17.3	47.0
HC12-6.0	6.0	12.0	25.3	47.0
HC12-7.0	7.0	12.0	25.3	47.0
HC12-8.0	8.0	12.0	25.3	47.0
HC20-3.0	3.0	20.0	26.4	52.4
HC20-4.0	4.0	20.0	26.4	52.4
HC20-5.0	5.0	20.0	26.4	52.4
HC20-6.0	6.0	20.0	26.4	52.4
HC20-7.0	7.0	20.0	26.4	52.4
HC20-8.0	8.0	20.0	26.4	52.4
HC20-9.0	9.0	20.0	26.4	52.4
HC20-10.0	10.0	20.0	26.4	52.4
HC20-12.0	12.0	20.0	35.4	52.4
HC20-13.0	13.0	20.0	35.4	52.4
HC20-14.0	14.0	20.0	35.4	52.4
HC20-15.0	15.0	20.0	35.4	52.4
HC20-16.0	16.0	20.0	35.4	52.4
HC32-3.0	3.0	32.0	22.0	63.5
HC32-4.0	4.0	32.0	22.0	63.5
HC32-5.0	5.0	32.0	22.0	63.5
HC32-6.0	6.0	32.0	22.0	63.5
HC32-7.0	7.0	32.0	30.0	63.5
HC32-8.0	8.0	32.0	30.0	63.5
HC32-9.0	9.0	32.0	30.0	63.5
HC32-10.0	10.0	32.0	30.0	63.5
HC32-11.0	11.0	32.0	30.0	63.5
HC32-12.0	12.0	32.0	32.5	63.5
HC32-13.0	13.0	32.0	32.5	63.5
HC32-14.0	14.0	32.0	32.5	63.5
HC32-15.0	15.0	32.0	32.5	63.5
HC32-16.0	16.0	32.0	32.5	63.5
HC32-17.0	17.0	32.0	32.5	63.5
HC32-18.0	18.0	32.0	32.5	63.5
HC32-19.0	19.0	32.0	47.5	63.5
HC32-20.0	20.0	32.0	47.5	63.5
HC32-21.0	21.0	32.0	47.5	63.5
HC32-22.0	22.0	32.0	47.5	63.5
HC32-23.0	23.0	32.0	47.5	63.5
HC32-24.0	24.0	32.0	47.5	63.5
HC32-25.0	25.0	32.0	47.5	63.5

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HCD 液压卡簧

HCD HYDRAULIC COLLETS

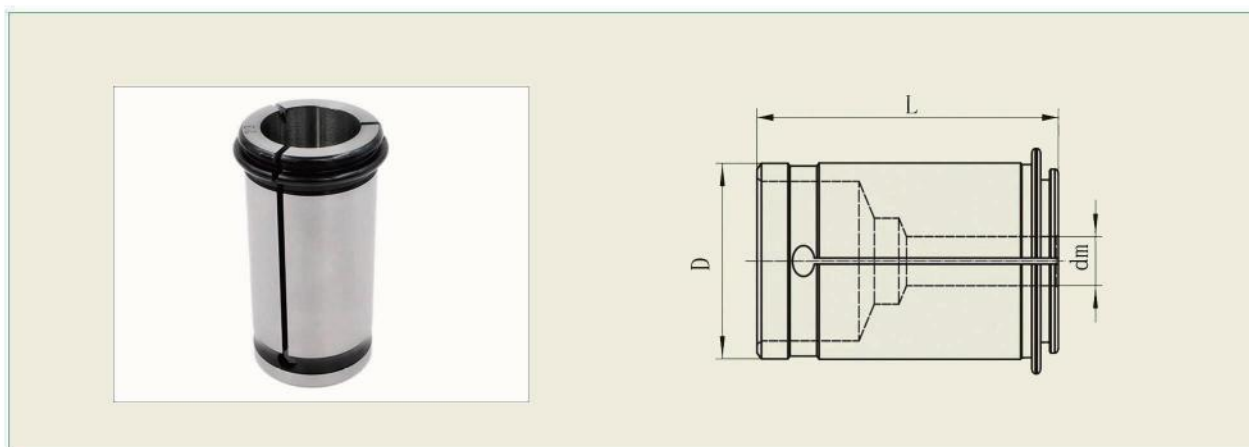


型号 MODEL	尺寸SIZE (mm)			
	D	D1	L1	L
HC12D-3.0	3.0	12.0	16.5	47.0
HC12D-4.0	4.0	12.0	16.5	47.0
HC12D-5.0	5.0	12.0	16.5	47.0
HC12D-6.0	6.0	12.0	25.5	47.0
HC12D-7.0	7.0	12.0	25.5	47.0
HC12D-8.0	8.0	12.0	25.5	47.0
HC12D-9.0	9.0	12.0	25.5	47.0
HC12D-10.0	10.0	12.0	25.5	47.0
HC20D-3.0	3.0	20.0	36.0	52.5
HC20D-4.0	4.0	20.0	36.0	52.5
HC20D-5.0	5.0	20.0	36.0	52.5
HC20D-6.0	6.0	20.0	36.0	52.5
HC20D-7.0	7.0	20.0	36.0	52.5
HC20D-8.0	8.0	20.0	36.0	52.5
HC20D-9.0	9.0	20.0	36.0	52.5
HC20D-10.0	10.0	20.0	36.0	52.5
HC20D-12.0	12.0	20.0	36.0	52.5
HC20D-13.0	13.0	20.0	36.0	52.5
HC20D-14.0	14.0	20.0	36.0	52.5
HC20D-15.0	15.0	20.0	36.0	52.5
HC20D-16.0	16.0	20.0	36.0	52.5
HC32D-3.0	3.0	32.0	27.5	62.5
HC32D-4.0	4.0	32.0	27.5	62.5
HC32D-5.0	5.0	32.0	27.5	62.5
HC32D-6.0	6.0	32.0	27.5	62.5
HC32D-7.0	7.0	32.0	27.5	62.5
HC32D-8.0	8.0	32.0	27.5	62.5
HC32D-9.0	9.0	32.0	27.5	62.5
HC32D-10.0	10.0	32.0	27.5	62.5
HC32D-11.0	11.0	32.0	31.3	62.5
HC32D-12.0	12.0	32.0	31.3	62.5
HC32D-13.0	13.0	32.0	31.3	62.5
HC32D-14.0	14.0	32.0	31.3	62.5
HC32D-15.0	15.0	32.0	41.3	62.5
HC32D-16.0	16.0	32.0	41.3	62.5
HC32D-17.0	17.0	32.0	41.3	62.5
HC32D-18.0	18.0	32.0	41.3	62.5
HC32D-19.0	19.0	32.0	41.3	62.5
HC32D-20.0	20.0	32.0	41.3	62.5
HC32D-21.0	21.0	32.0	47.0	62.5
HC32D-22.0	22.0	32.0	47.0	62.5
HC32D-23.0	23.0	32.0	47.0	62.5
HC32D-24.0	24.0	32.0	47.0	62.5
HC32D-25.0	25.0	32.0	47.0	62.5

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One-stop shop/OEM

高强筒夹 POWER MILLING COLLETS



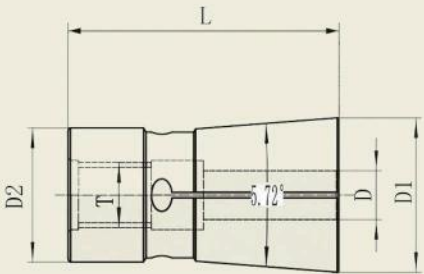
dm 夹持范围 (mm)	C20 L/D (mm) 52.2/20	C25 L/D (mm) 58/25	C32 L/D (mm) 68/32	C42 L/D (mm) 78/42
3	C20-3	C25-3	C32-3	
4	C20-4	C25-4	C32-4	C42-4
5	C20-5	C25-5	C32-5	C42-5
6	C20-6	C25-6	C32-6	C42-6
8	C20-8	C25-8	C32-8	C42-8
10	C20-10	C25-10	C32-10	C42-10
12	C20-12	C25-12	C32-12	C42-12
14	C20-14	C25-14	C32-14	C42-14
16	C20-16	C25-16	C32-16	C42-16
18		C25-18	C32-18	C42-18
20		C25-20	C32-20	C42-20
25			C32-25	C42-25
32				C42-32

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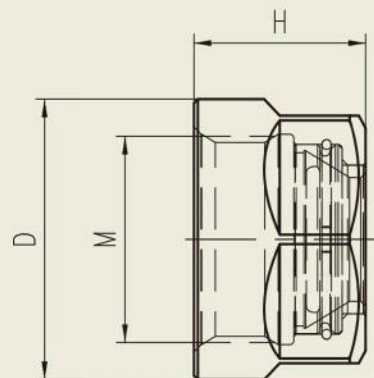


SDC 小径筒夹
SDC COLLET



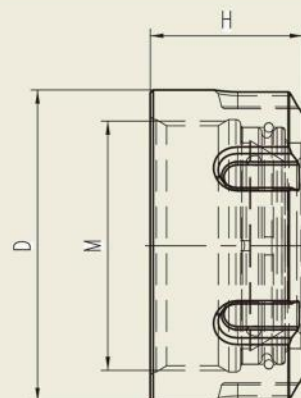
订单号 Order No.	尺寸Size (mm)				
	L	D (夹持范围)	D1	D2	T
SDC04	31	3-4	7.05	5.5	M4
SDC06	36	3-6	9.7	8	M5
SDC08	45	3-10	15.1	12.8	M6
SDC10	52	3-10	19.05	16.5	M8
SDC12	60	3-12	22.1	19	M10

ERS 止水型压帽 A ERS SEALED NUT A



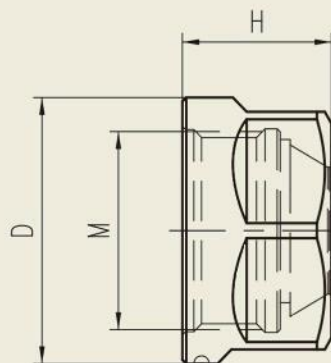
型号 MODEL	D	M	尺寸SIZE (mm)	H	描述/DESCRIPTION
ER16S-A	28	M22×1.5		20.5	For ER16 collet chucks
ER20S-A	34	M25×1.5		22	For ER20 collet chucks

ERS 止水型压帽 UM ERS SEALED NUT UM



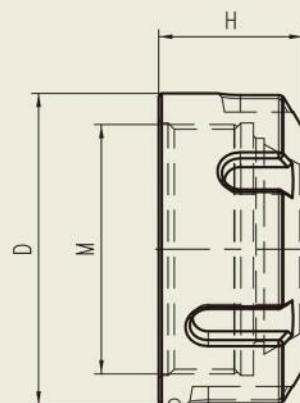
型号 MODEL	D	M	尺寸SIZE (mm)	H	描述/DESCRIPTION
ER25S-UM	42	M32×1.5		23	For ER25 collet chucks
ER32S-UM	50	M40×1.5		25.5	For ER32 collet chucks
ER40S-UM	63	M50×1.5		28.5	For ER40 collet chucks

ER螺母 A型 ER NUTS A



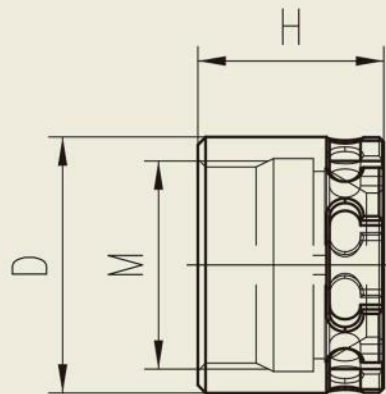
型号 MODEL	D	M	尺寸SIZE (mm)	H	描述/DESCRIPTION
ER11-A	19	M14×0.75		12	For ER11 collet chucks
ER16-A	28	M22×1.5		18	For ER16 collet chucks
ER20-A	34	M25×1.5		19.5	For ER20 collet chucks

ER螺母 UM型 ER NUTS UM



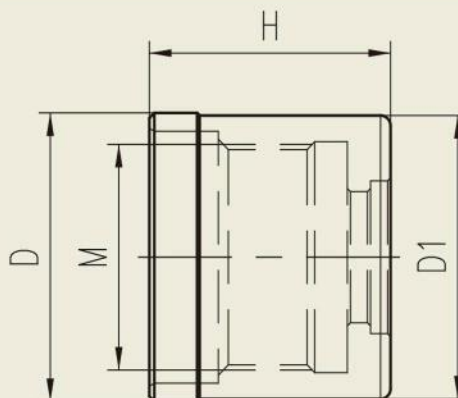
型号 MODEL	D	M	尺寸SIZE (mm)	H	描述/DESCRIPTION
ER25-UM	42	M32×1.5		20.5	For ER25 collet chucks
ER32-UM	50	M40×1.5		23	For ER32 collet chucks
ER40-UM	63	M50×1.5		26	For ER40 collet chucks

ERFM 防滑压帽 ERFM ANTY-SLIP MINI NUT



型号 MODEL	D	M	尺寸SIZE (mm)	H	描述/DESCRIPTION
ER11FM	16	M13×0.75		12	For ER11 collet chucks
ER16FM	22	M19×1		18.4	For ER16 collet chucks
ER20FM	28	M24×1		19	For ER20 collet chucks
ER25FM	35	M30×1		20	For ER25 collet chucks

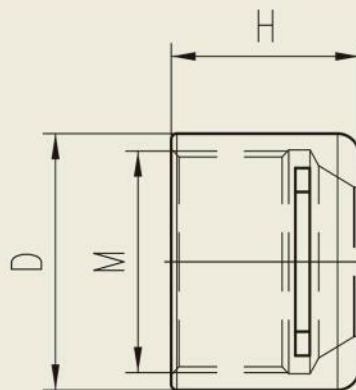
SK 螺母 SK NUT



型号 MODEL	D	D1	尺寸SIZE (mm) M	H	描述/DESCRIPTION
SK06	20	19.5	M15.5×1	21	For SK06 collet chucks
SK10	27.5	27	M21.5×1	19	For SK10 collet chucks
SK13	35.5	35	M28×1.5	23	For SK13 collet chucks
SK16	40.5	40	M32×1.5	34	For SK16 collet chucks
SK20	48.5	48	M40×1.5	35	For SK20 collet chucks
SK25	55.5	55	M45×1.5	37	For SK25 collet chucks

ER-MS 螺母

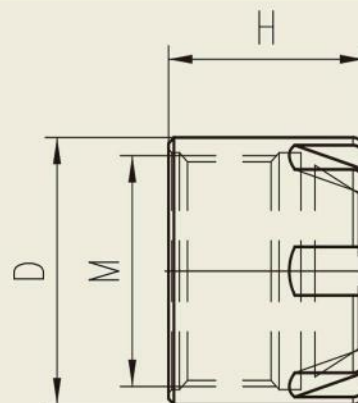
ER-MS NUT



型号 MODEL	D	M	尺寸SIZE (mm)	H	描述/DESCRIPTION
ER11-MS	16	M13×0.75		11.5	For ER11 tool holders
ER16-MS	22	M19×1		17	For ER16 tool holders
ER20-MS	28	M24×1		19	For ER20 tool holders
ER25-MS	35	M30×1		20	For ER25 tool holders

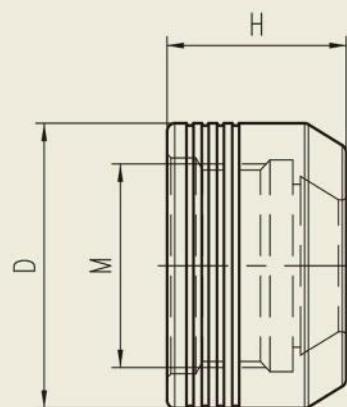
ER-M 螺母

ER-M NUT



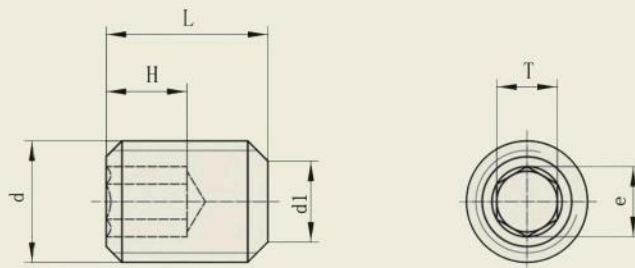
型号 MODEL	D	M	尺寸SIZE (mm)	H	描述/DESCRIPTION
ER11-M	16	M13×0.75		12	For ER11 tool holders
ER16-M	22	M19×1		18	For ER16 tool holders
ER20-M	28	M24×1		19	For ER20 tool holders
ER25-M	35	M30×1		20	For ER25 tool holders

GER 螺母 GER NUT



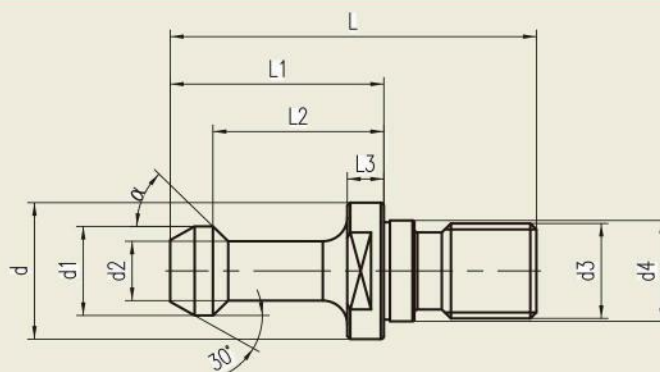
型号 MODEL	D	M	尺寸SIZE (mm)	H	描述/DESCRIPTION
GER16	30	M22×1.5		23	For ER11 tool holders
GER20	35	M25×1.5		24	For ER16 tool holders
GER25	40	M32×1.5		25.5	For ER20 tool holders

内六角丝堵 SCREW



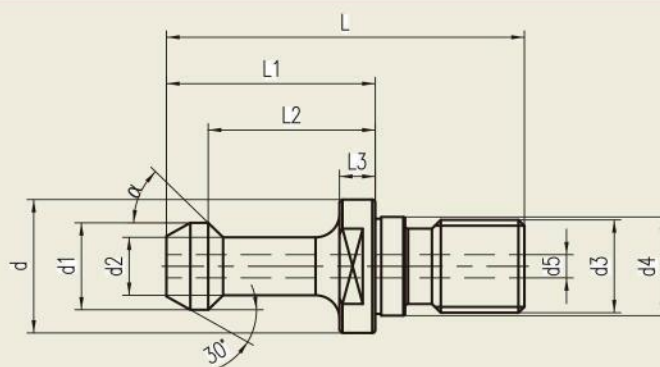
订单号 Order No.	d	d1	L	T	e	H	适应刀柄型号
SXP06	M6	4.2	8	3	3.44	3.5	XP06
SXP08	M8	5.5	10	4	4.58	5	XP08
SXP10	M10	7	12	5	5.72	6	XP10
SXP12	M12	8	16	6	6.86	8	XP12
SXP16	M14	10	16	6	6.86	9	XP16
SXP16A	M14x1	12	7	6	6.86	4	XP25/XP32
SXP20	M16	11	16	8	9.15	10	XP20
SXP20A	M16	11	12	8	9.15	8	XP20
SXP25	M18x2	12	18	8	9.15	11	XP25
SXP25A	M16x1.5	12	12	8	9.15	6	XP25
SXP32	M20x2	14	18	10	11.55	12	XP32/XP40
SXP50	M24x2	18	20	12	13.89	14	XP50

拉钉 (MAS 403) PULL STUDS



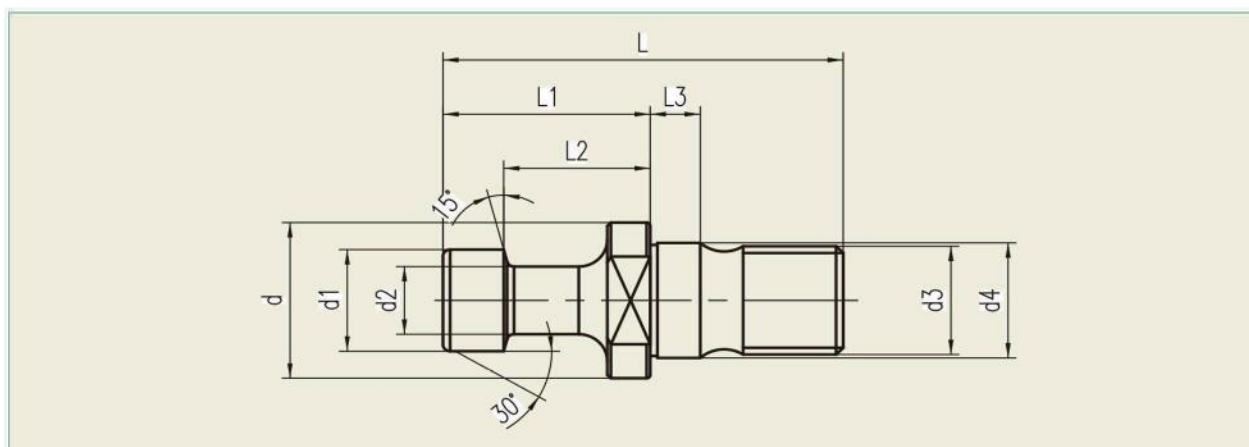
型号 MODEL		尺寸SIZE (mm)									
		L	L1	L2	L3	d	d1	d2	d3	d4	α
30	BT30-45°	43	23	18	4.5	16.5	11	7	M12	12.5	45°
30	BT30-30°	43	23	18	4.5	16.5	11	7	M12	12.5	30°
40	BT40-45°	60	35	28	6	23	15	10	M16	17	45°
40	BT40-30°	60	35	28	6	23	15	10	M16	17	30°
40	BT40-90°	60	35	28	6	23	15	10	M16	17	90°
50	BT50-45°	85	45	35	10	38	23	17	M24	25	45°
50	BT50-30°	85	45	35	10	38	23	17	M24	25	30°
50	BT50-90°	85	45	35	10	38	23	17	M24	25	90°

拉钉 (MAS403) 带冷却孔 PULL STUDS (MAS403) WITH COOLANT



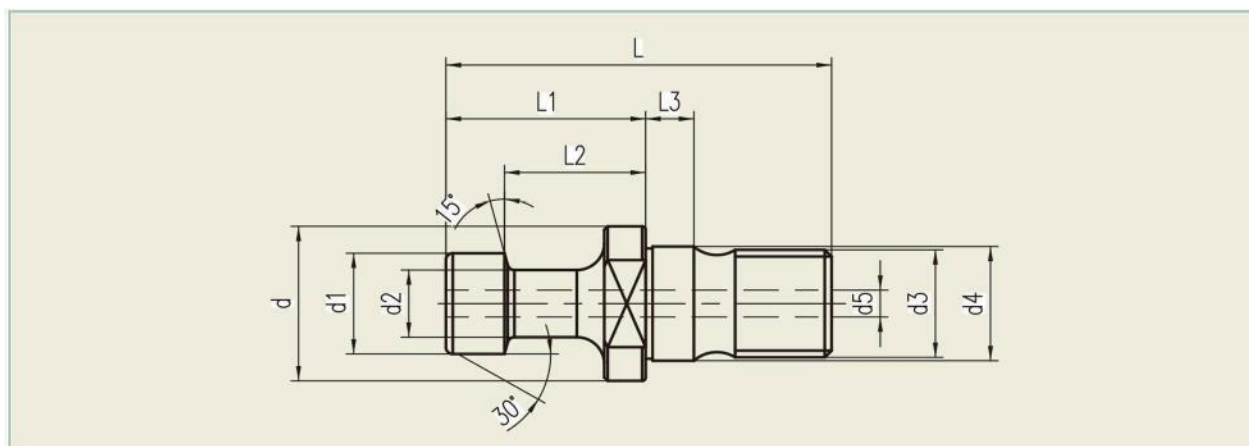
型号 MODEL		尺寸SIZE (mm)										
		L	L1	L2	L3	d	d1	d2	d3	d4	α	d5 *
30	BT30-45°	43	23	18	4.5	16.5	11	7	M12	12.5	45°	3
30	BT30-30°	43	23	18	4.5	16.5	11	7	M12	12.5	30°	3
40	BT40-45°	60	35	28	6	23	15	10	M16	17	45°	4
40	BT40-30°	60	35	28	6	23	15	10	M16	17	30°	4
40	BT40-90°	60	35	28	6	23	15	10	M16	17	90°	4
50	BT50-45°	85	45	35	10	38	23	17	M24	25	45°	7
50	BT50-30°	85	45	35	10	38	23	17	M24	25	30°	7
50	BT50-90°	85	45	35	10	38	23	17	M24	25	90°	7

拉钉 (ISO 7388/2) PULL STUD ISO 7388/2 A



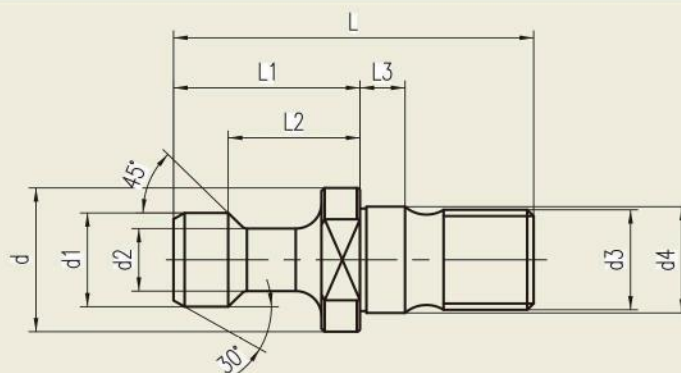
型号 MODEL		尺寸SIZE (mm)								
		L	L1	L2	L3	d	d1	d2	d3	d4
30	LDA30	44	24	19	5	17	12	8	M12	13
30	LDA40	54	26	20	7	23	19	14	M16	17
50	LDA50	74	34	25	10	36	28	21	M24	25

拉钉 (ISO 7388/2) 带冷却孔 PULL STUD (ISO 7388/2 A) WITH COOLANT



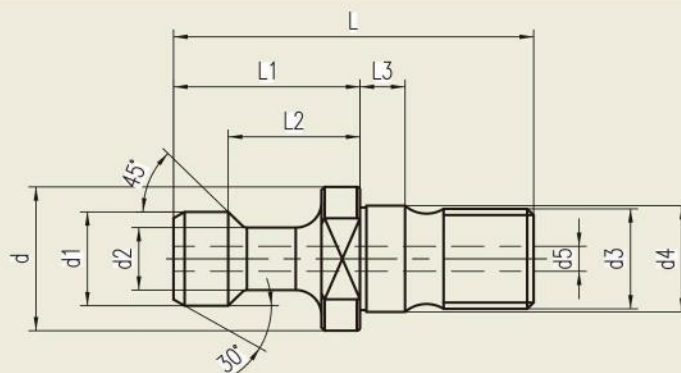
型号 MODEL		尺寸SIZE (mm)									
		L	L1	L2	L3	d	d1	d2	d3	d4	d5 *
30	LDA30C	44	24	19	5	17	12	8	M12	13	3
30	LDA40C	54	26	20	7	23	19	14	M16	17	7
50	LDA50C	74	34	25	10	36	28	21	M24	25	11.5

拉钉 (ISO 7388/2) PULL STUD ISO 7388/2 B



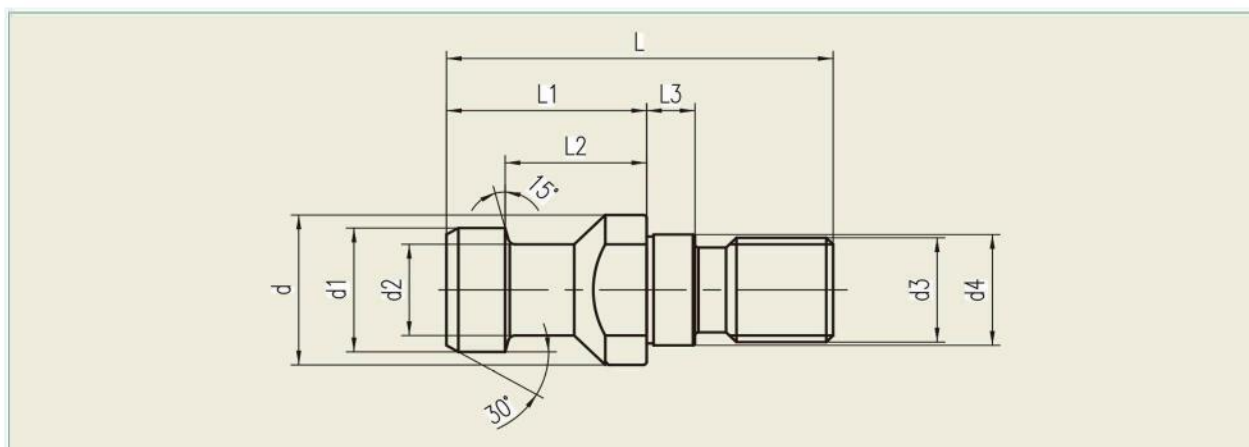
型号 MODEL	尺寸SIZE (mm)									
	L	L1	L2	L3	d	d1	d2	d3	d4	
30 LDB30	31.8	11.8	8.1	5	16.5	13.3	9.3	M12	13	
30 LDB40	44.5	16.4	11.15	7	22.5	18.95	12.95	M16	17	
50 LDB50	65.5	25.55	17.95	10	36	29.1	19.6	M24	25	

拉钉 (ISO7388/2) 带冷却孔 PULL STUD (ISO 7388/2 B) WITH COOLANT



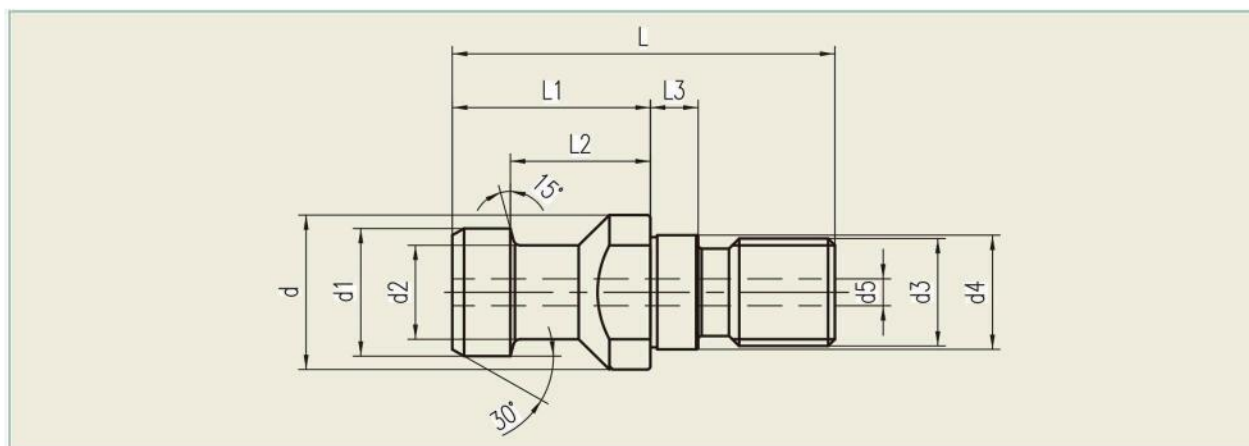
型号 MODEL		尺寸SIZE (mm)									
		L	L1	L2	L3	d	d1	d2	d3	d4	d5 *
30	LDB30C	31.8	11.8	8.1	5	16.5	13.3	9.3	M12	13	3
30	LDB40C	44.5	16.4	11.15	7	22.5	18.95	12.95	M16	17	7
50	LDB50C	65.5	25.55	17.95	10	36	29.1	19.6	M24	25	11.5

拉钉 (DIN 69872) PULL STUDS DIN 69872



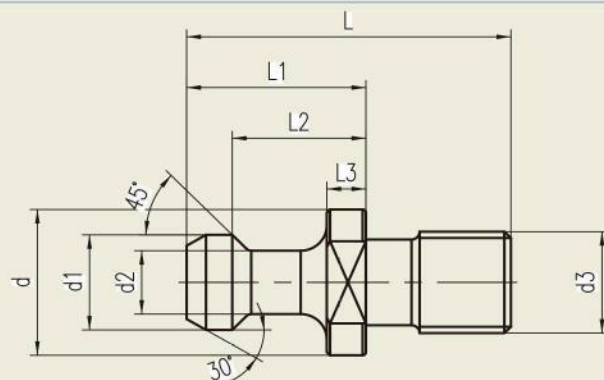
型号 MODEL		尺寸SIZE (mm)								
		L	L1	L2	L3	d	d1	d2	d3	d4
30	D30	44	24	19	5	17	13	9	M12	13
30	D40	54	26	20	7	23	19	14	M16	17
50	D50	74	34	25	10	36	28	21	M24	25

拉钉 (DIN 69872) 带冷却孔 PULL STUDS (DIN 69872) WITH COOLANT



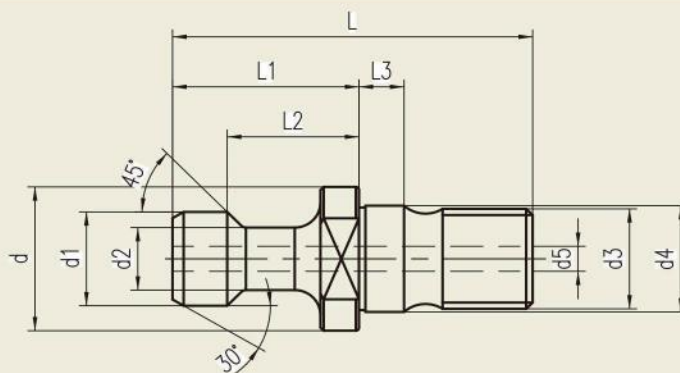
型号 MODEL		尺寸SIZE (mm)									
		L	L1	L2	L3	d	d1	d2	d3	d4	d5 *
30	D30C	44	24	19	5	17	13	9	M12	13	3
30	D40C	54	26	20	7	23	19	14	M16	17	7
50	D50C	74	34	25	10	36	28	21	M24	25	11.5

拉钉 (ANSI B5.50) PULL STUDS (ANSI B5.50)



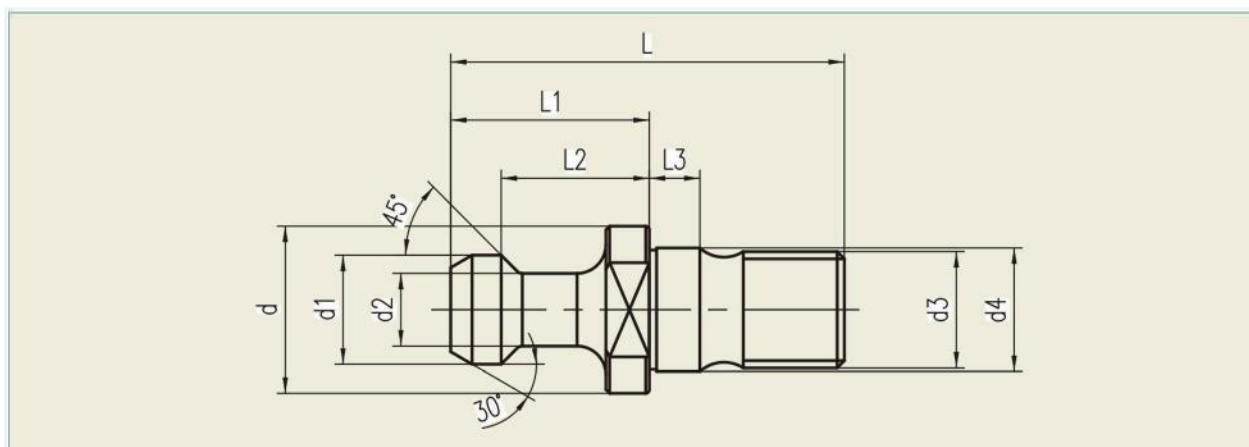
型号 MODEL		尺寸SIZE (mm)							
		L	L1	L2	L3	d	d1	d2	d3
30	A30	27.94	11.684	8.128	2.54	16.51	13.208	9.779	1/2-13UNC
30	A40	38.1	16.256	11.176	3.048	23.876	18.796	12.446	5/8-11UNC
50	A50	58.42	25.4	17.78	5.08	36.576	28.956	20.828	1-8UNC

拉钉 (ANSI B5.50) 带冷却孔 PULL STUDS (ANSI B5.50) WITH COOLANT



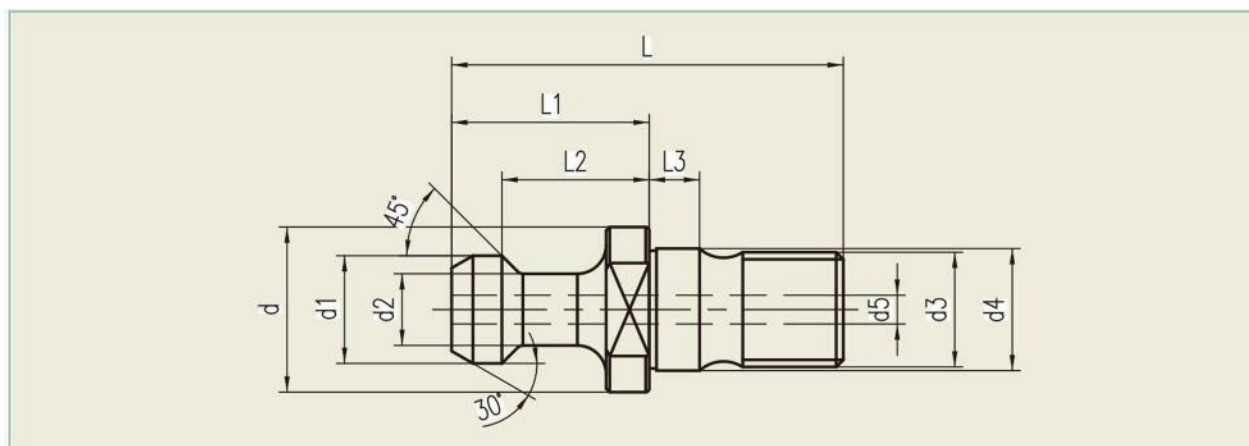
型号 MODEL		尺寸SIZE (mm)								
		L	L1	L2	L3	d	d1	d2	d3	d4 *
30	A30C	27.94	11.684	8.128	2.54	16.51	13.208	9.779	1/2-13UNC	4.75
30	A40C	38.1	16.256	11.176	3.048	23.876	18.796	12.446	5/8-11UNC	7.14
50	A50C	58.42	25.4	17.78	5.08	36.576	28.956	20.828	1-8UNC	11.89

拉钉 (MAZAK/BT) PULL STUDS MAZAK/BT



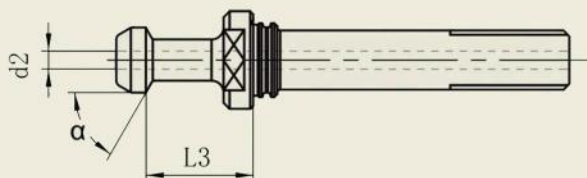
型号 MODEL	尺寸SIZE (mm)									
	L	L1	L2	L3	d	d1	d2	d3	d4	
40 MAZAK/BT40	44.1	19.1	14.02	5.0	22.0	18.8	12.45	M16	17.0	
50 MAZAK/BT50	65.2	25.2	17.58	8.0	37.0	29.0	20.83	M24	25.0	

拉钉 (MAZAK/BT) PULL STUDS (MAZAK/BT) WITH COOLANT



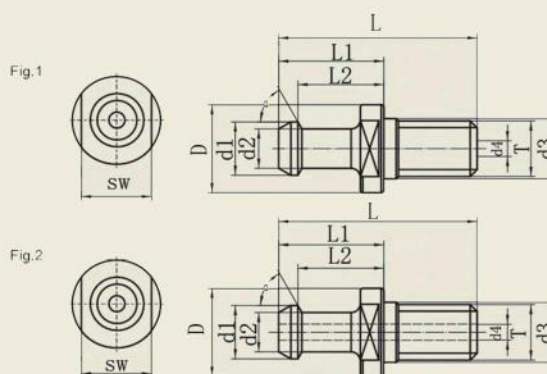
型号 MODEL		尺寸SIZE (mm)									
		L	L1	L2	L3	d	d1	d2	d3	d4	d5 *
40	MAZAK/BT40C	44.1	19.1	14.02	5.0	22.0	18.8	12.45	M16	17.0	7.0
50	MAZAK/BT50C	65.2	25.2	17.58	8.0	37.0	29.0	20.83	M24	25.0	10.0

拉钉 (BT30/SFS) PULL STUDS BT30/SFS



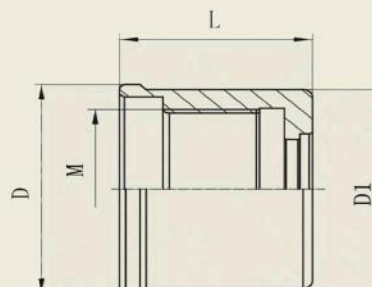
订单号 Order No.	L3	d2	a
BT/BBT30-45°-MAX	18	3	45°
BT/BBT30-60°-MAX	18	3	60°

拉钉 JIS 6339 JIS 6339 PULL STUDS



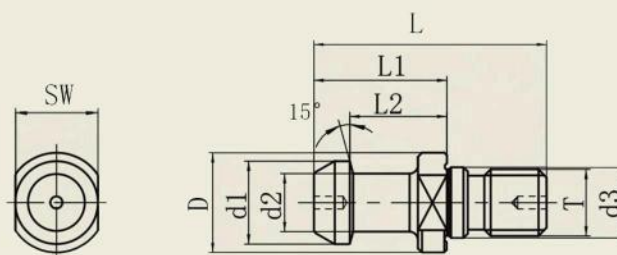
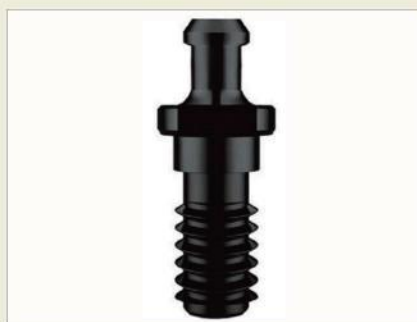
订单号 Order No.	L	L1	L2	D	d1	d2	d3	d4	SW	T	a	Fig
JIS6339-BT30-G	43	23.4	18.4	16.5	12	8	12.5	-	13	M12	75°	1
JIS6339-BT40-G	54	29	23	23	19	14	17	-	19	M16	75°	1
JIS6339-BT50-G	74	34	25	38	28	21	25	-	30	M24	75°	1
JIS6339-BT30-HG	43	23.4	18.4	16.5	12	8	12.5	4	13	M12	75°	2
JIS6339-BT40-HG	54	29	23	23	19	14	17	7	19	M16	75°	2
JIS6339-BT50-HG	74	34	25	38	28	21	25	10	30	M24	75°	2

SK-无风阻 螺帽 SK WIND-PROOF NUT



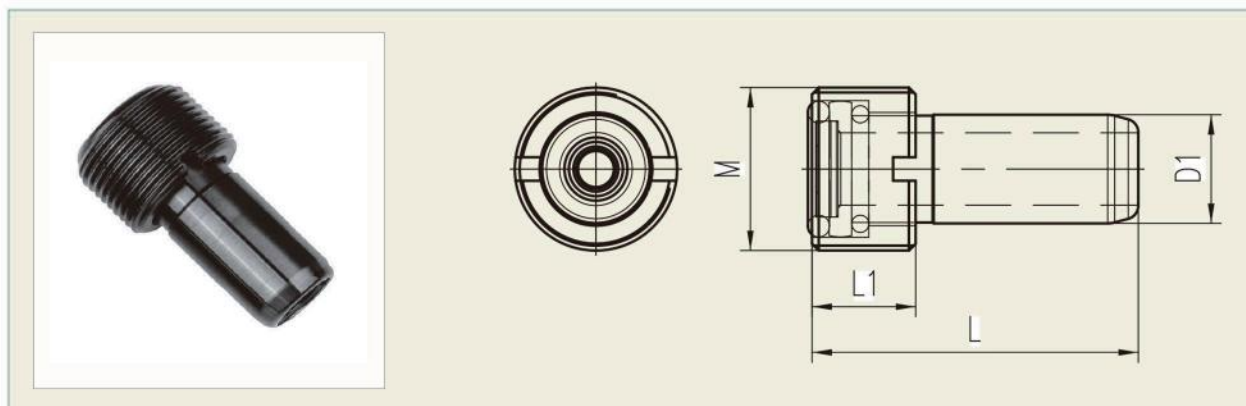
订单号 Order No.	D	D1	M	L	描述
SK06-Wind-proof	19	19.5	M15.5x1	21	For SK06 Collet Chuck
SK10-Wind-proof	27	27	M21.5x1	24	For SK06 Collet Chuck
SK13-Wind-proof	35	35	M28x1.5	27	For SK06 Collet Chuck
SK16-Wind-proof	40	40	M32x1.5	31	For SK06 Collet Chuck
SK20-Wind-proof	48	48	M40x1.5	35	For SK06 Collet Chuck
SK25-Wind-proof	55	55	M45x1.5	37	For SK06 Collet Chuck

ISO 螺栓拉钉 ISO PULL STUDS



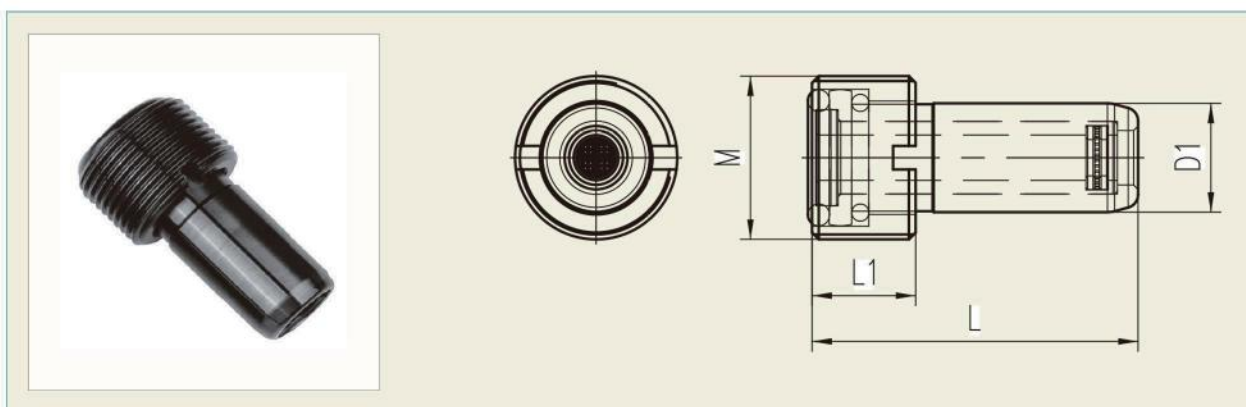
订单号 Order No.	L	L1	L2	D	d1	d2	d3	SW	T
ISO20-15°	26	12	9	12	9	5.5	8.5	10	M8
ISO25-15°	28	16	11.7	12	10	8	8.5	10	M8
ISO25-45°	31	18	13.5	12	10	12.8	9	10	M8
ISO30-45°	45	24	19	17	12.8	16.5	13	14	M12

TS-HSK 冷却液套管 TS-HSK COOLANT TUBES



型号 MODEL		M	D1	L1	L
TS-HSK25	HSK-25	M8×1	5	4.5	17
TS-HSK32	HSK-32	M10×1	6	5.5	26
TS-HSK40	HSK-40	M12×1	8	7.5	29.5
TS-HSK50	HSK-50	M16×1	10	9.5	33
TS-HSK63	HSK-63	M18×1	12	11.5	36.5
TS-HSK100	HSK-100	M24×1.5	16	15.5	44

TS-HSK-W 冷却液套管 TS-HSK-W COOLANT TUBES



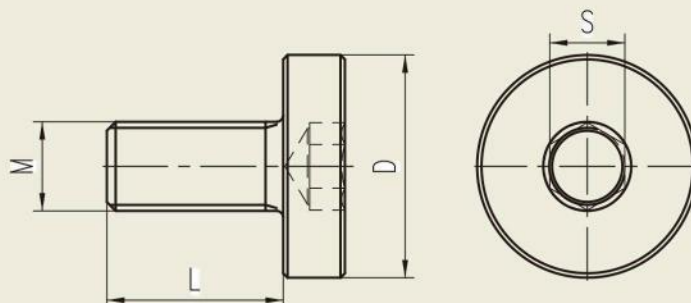
型号 MODEL		M	D1	L1	L
TS-HSK50-W	HSK-50	M16×1	10	9.5	33
TS-HSK63-W	HSK-63	M18×1	12	11.5	36.5
TS-HSK100-W	HSK-100	M24×1.5	16	15.5	44

扳手钻夹头 DRILL CHUCK



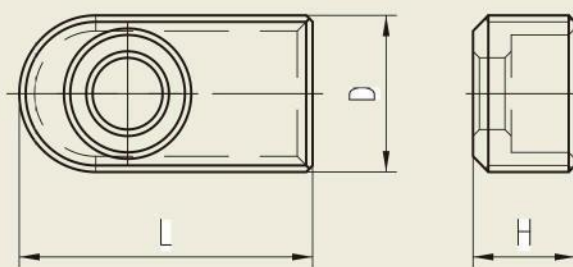
订单号 Order No.	夹持范围Capacity		连接尺寸 Mount	外径D mm	长度L mm	重量 Wt. (kg)
	mm	in				
J2110	1-10	1/32-3/8	B12	42.5	70	0.34
J2113	1-13	1/32-1/2	B16	53	86	0.63
J2513	1.5-13	1/16-1/2	B16	44	78	0.45
J2516	3-16	1/8-5/8	B16	53	86	0.63
J2516A	3-16	1/8-5/8	B18	53	86	0.63
J2116	1-16	1/32-5/8	B18	57	98	1.00
J2116A	1-16	1/32-5/8	B16	57	93	0.82
J2120	5-20	3/16-3/4	B22	65	110	1.40
J2210	1-10	1/32-3/8	JT2	42.5	70	0.34
J2213	1-13	1/32-1/2	JT6	53	86	0.63
J2213A	1-13	1/32-1/2	JT33	44	78	0.45
J2613	1.5-13	1/16-1/2	JT33	44	78	0.45
J2616	3-16	1/8-5/8	JT3	53	86	0.63
J2616A	3-16	1/8-5/8	JT6	53	86	0.63
J2616B	3-16	1/8-5/8	JT33	53	93	0.65
J2216	1-16	1/32-5/8	JT3	57	98	1.00
J2220	5-20	3/16-3/4	JT3	65	110	1.40

螺钉 SCREWS



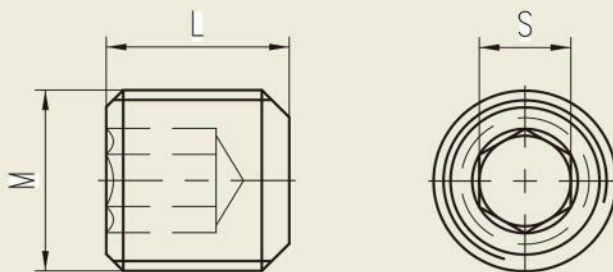
型号 MODEL	尺寸SIZE (mm)			
	M	L	D	S
FMB16	M8	30	13	6
FMB22	M10	30	16	8
FMB27	M12	33	33	6
FMB32	M16	35	40	6
FMB40	M20	40	50	8

端键 END KEY



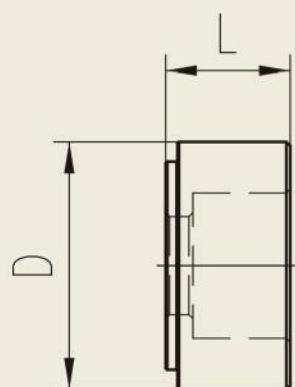
型号 MODEL	尺寸SIZE (mm)		
	L	D	H
JC08017	17	8	7
JC10021	21	10	8
JC12023	23	12	8
JC14020	20	14	13
KXM40	21.5	16	16.5
KXMC60	31	25.4	24.5

紧定 TIGHTENED SCREW



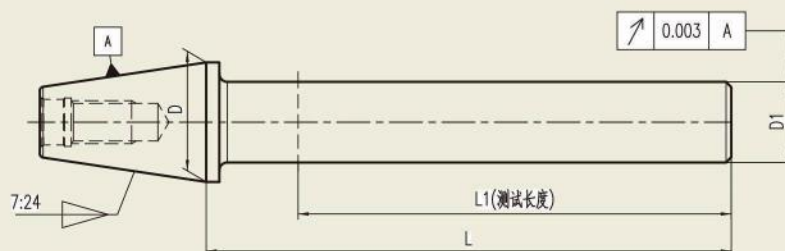
型号 MODEL	尺寸SIZE (mm)		
	M	L	S
SLN06	M6	9	3
SLN08	M8	9	4
SLN10	M10	12	5
SLN12	M12	14	6
SLN16	M14	16	6
SLN16A	M14×1	7	6
SLN20	M16	16	8
SLN20A	M16	12	8
SLN25	M18×2	20	10
SLN25A	M16×1.5	12	8
SLN32	M20×2	20	10
SLN50	M24×2	25	12

挡圈 RETAINING RINGS



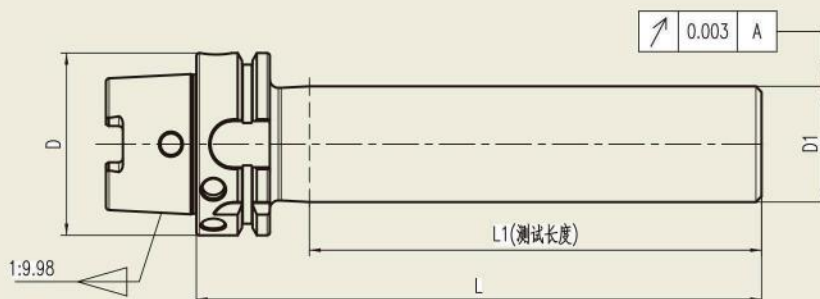
型号 MODEL	尺寸SIZE (mm)	
	D	L
FMB27	31.5	16
FMB32	41	20
FMB40	48	24

BT 测试棒 BT TEST BARS



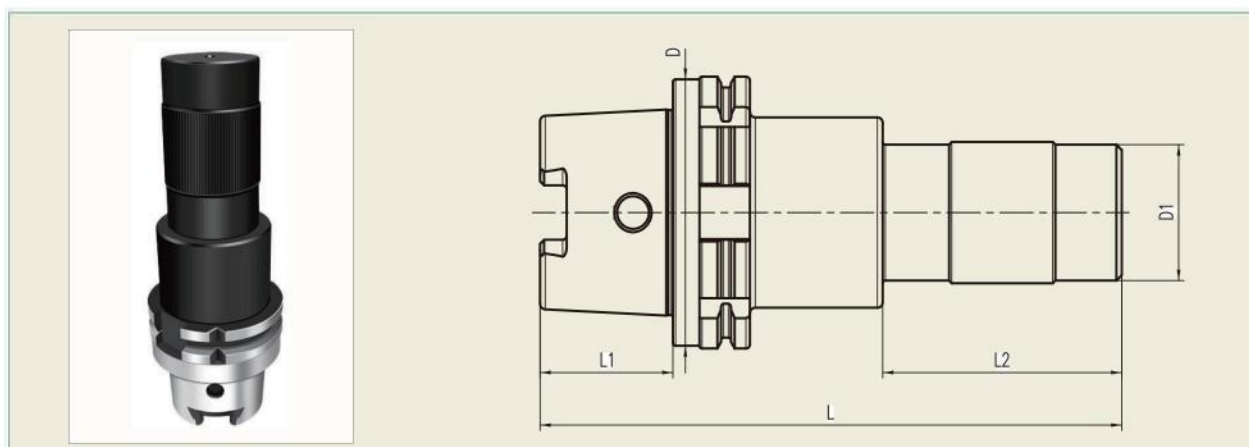
型号 MODEL		尺寸SIZE (mm)			
		D	D1	L	L1
BT30-TB30-300	30	31.75	30	300	265
BT40-TB40-300	40	44.45	40	300	265
BT50-TB50-350	50	69.85	50	350	300

HSK 测试棒 HSK TEST BARS



型号 MODEL		尺寸SIZE (mm)			
		D	D1	L	L1
HSK63A-TB40-300	HSK-A63	63	40	300	260
HSK100A-TB50-350	HSK-A100	100	50	350	300

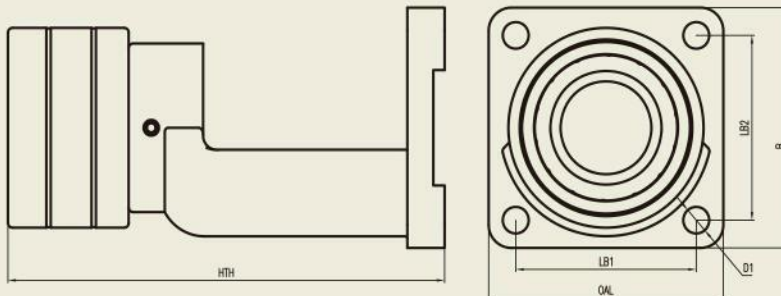
HSK 校刀器 HSK CALIBRATOR



型号 MODEL	尺寸SIZE (mm)				
	D	D1	L1	L2	L
HSK32A	32	26	36	57	132
HSK40A	40	27	40	57	136
HSK50A	50	32	51	70	157
HSK63A	63	40	58	70	164
HSK100A	100	64	79	100	217

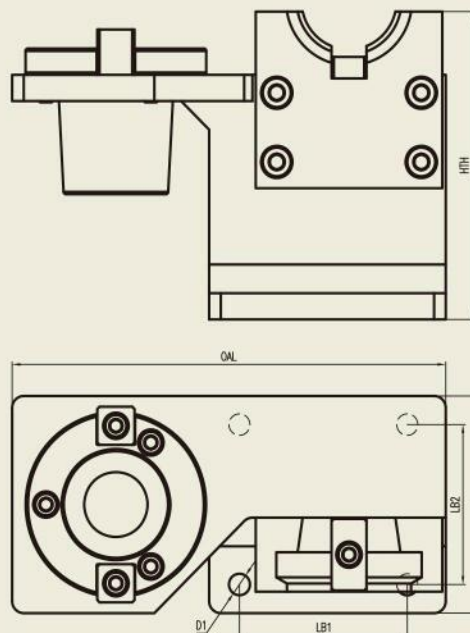
HSK锁刀座

HSK TOOL HOLDER LOCKING DEVICE



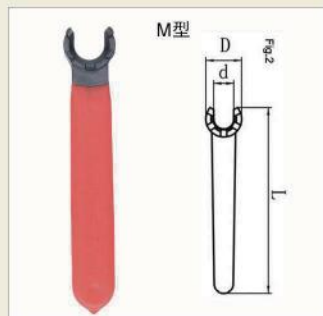
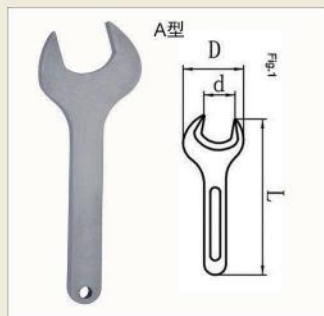
型号 MODEL	刀柄接口类似 及型号	尺寸SIZE (mm)					
		OAL	B	HTH	LB1	LB2	D1
ZC-HSK40	HSK40	104.5	104.5	166	74	74	12
ZC-HSK50	HSK50	104.5	104.5	166	74	74	12
ZC-HSK63	HSK63	104.5	104.5	195	74	74	12
ZC-HSK100	HSK100	135	98.5	158	98.5	98.5	12

BT/SK 锁刀座 BT/SK TOOL HOLDER LOCKING DEVICE



型号 MODEL	刀柄接口类似 及型号	尺寸SIZE (mm)					
		OAL	B	HTH	LB1	LB2	D1
LD-BT30A	BT30	185	90	128	73	67.2	9
LD-BT40A	BT40	185	90	130	73	67.5	9
LD-BT50A	BT50	255	130	165	100	100	14
LD-SK40A	SK40	185	90	130	73	67.5	9
LD-SK50A	SK50	185	130	165	100	100	14

ER 扳手 ER WRENCH



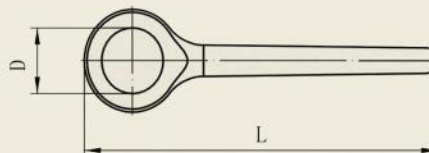
订单号 Order No.	螺帽外径	L	D	d	重量/Weight
ER11-A	19	120	40	17	0.10
ER16-A	28	140	53	25	0.15
ER20-A	34	160	60	30	0.20
ER8-M	12	75	13	8	0.05
ER11-M	16	95	17	11.5	0.04
ER16-M	22	117	22.5	15	0.06
ER20-M	28	129	28.5	19.5	0.07
ER25-M	35	143	36	25	0.09
ER25UM	42	206	65	37	0.22
ER32UM	50	253	75	44	0.30
ER40UM	63	289	90	58	0.50
ER50UM	78	351	110	74	0.90

单向型强力扳手（ER-M无风阻螺帽专用） WRENCH FOR ER-M NON WIND RESISTANCE NUT



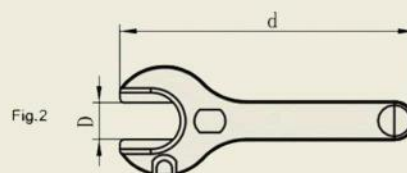
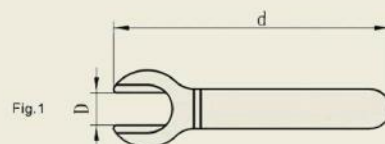
订单号 Order No.	外径尺寸	重量/Weight
ER8M	-	0.12
ER11M	-	0.12

轴承扳手 BEARING WRENCH



订单号 Order No.	L	D
GSK10/GER16	153	27
GSK10/GER20	153	30
GSK13/GER20	181	35
GSK16/GER25	181	40
GSK20/GER32	235	48
GER32	238	50

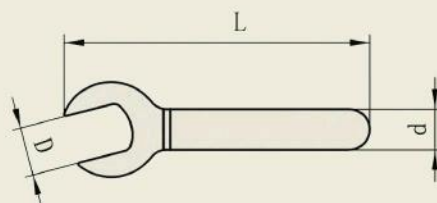
单向型强力扳手（ER-M无风阻螺帽专用） WRENCH FOR ER-M NON WIND RESISTANCE NUT



订单号 Order No.	L	D	d	Fig	重量/Weight
ER16-MS	127	15	17.8	1	-
ER20-MS	160	19	23.5	1	0.14
ER25-MS	180	24	25	2	0.32

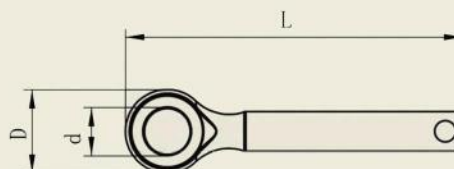
✧ Please contact our company if you need products of other models or specifications.

ISO 刀焊固定专用扳手 WRENCH FOR ISO COLLECT CHUCK



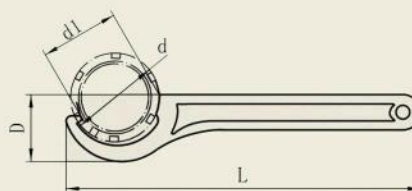
订单号 Order No.	L	D	d	重量
ISO20	140	24.4	17	-
ISO25	160	26	22	0.08
ISO30	205	31	35	-

ER-MS 轴承扳手 ER-MS BEARING WRENCH



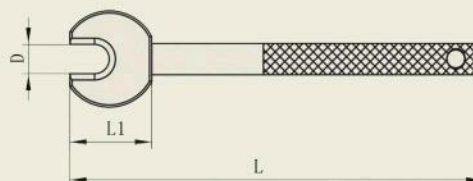
订单号 Order No.	L	D	d	重量/Weight
ER16-M	157	39	22	0.34

EOC 扳手 EOC WRENCH



订单号 Order No.	适用范围	L	D	d	d1	重量
EOC-25-W	55-60	260	46	60	52	0.30
EOC-32-W	71-75	272	64	80-90	67	0.45

拉钉专用扳手 WRENCH FOR PULL STUD



订单号 Order No.	L	L1	D	重量/Weight
BT/BBT30	140	25	7.5	0.20
BT/BBT40	162	35	11	0.36
BT/BBT50	190	40	18	0.48
MAZAK-BT40	185	36	13	0.36
MAZAK-BT50	195	41	20.9	0.44

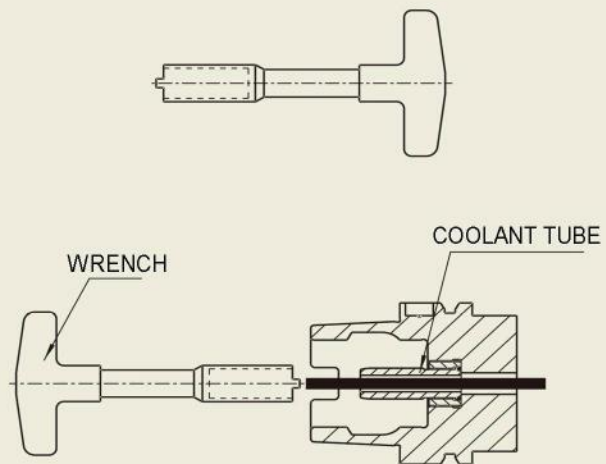
✧ Please contact our company if you need products of other models or specifications.

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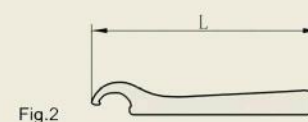
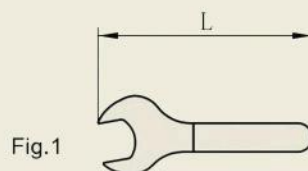
扳手 WRENCH FOR COOLANT TUBE



型号 MODEL	
HSK50	HSK-50
HSK63	HSK-63
HSK100	HSK-100



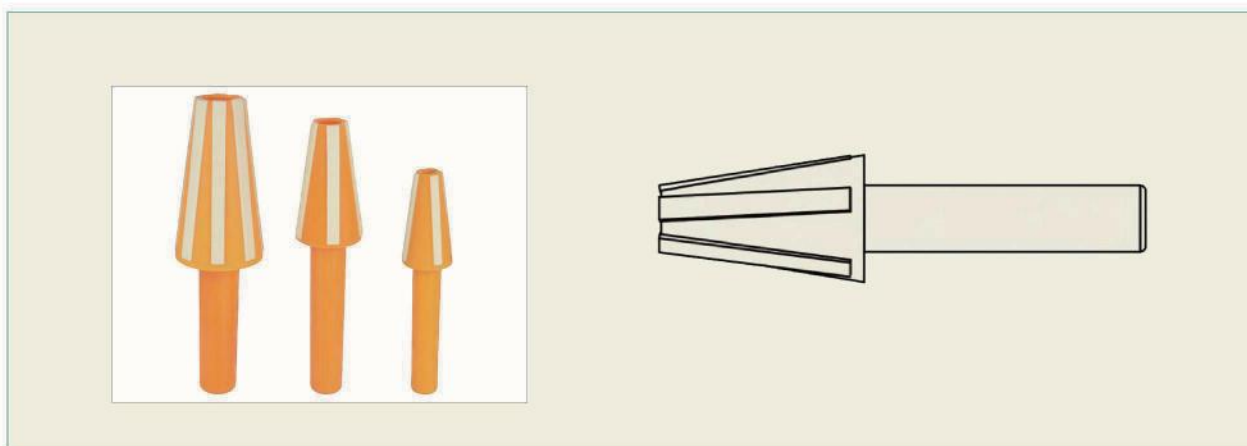
SK扳手 SK WRENCH



订单号 Order No.	适用规格	L	Fig	重量
SK6	-	120	1	0.09
SK10	-	200	2	0.08
SK13	-	220	2	0.16
SK16	-	220	2	0.20
SK20	-	220	2	0.18
SK25	-	235	2	0.21

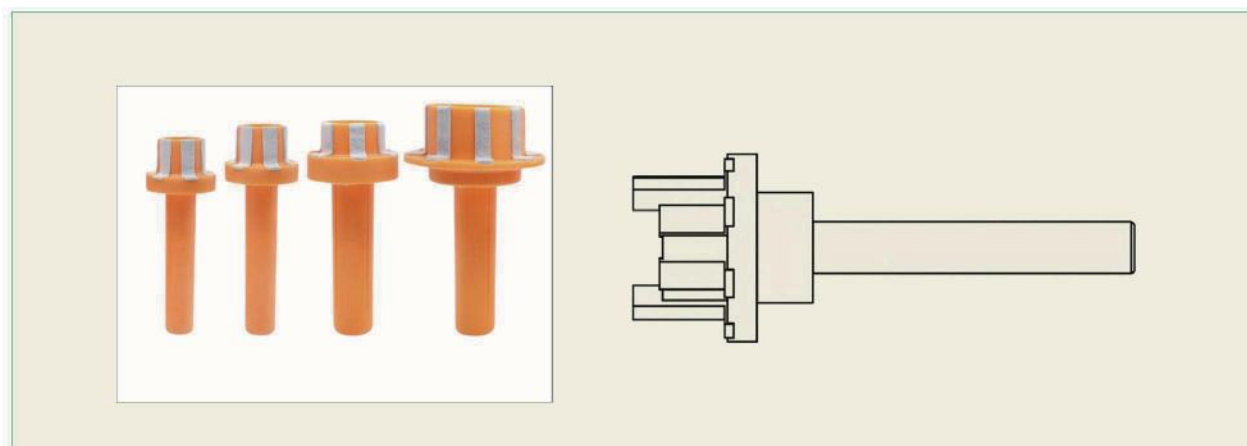
✧ Please contact our company if you need products of other models or specifications.

主轴清洁棒 SPINDLE TAPER WIPER



订单号 Order No.	斜度/Pake	材质/Material	重量/Weight
W30	#30	棉质 Cotton	0.07
W40	#40	棉质 Cotton	0.08
W50	#50	棉质 Cotton	0.19
W30S	#30	羊毛皮 Fleecy	0.07
W40S	#40	羊毛皮 Fleecy	0.08
W50S	#50	羊毛皮 Fleecy	0.19

主轴清洁棒 SPINDLE TAPER WIPER



订单号 Order No.	斜度/Pake	重量/Weight
HSK40E	HSK40	0.08
HSK50A	HSK50	0.08
HSK63A	HSK63	0.10
HSK100A	HSK100	0.50

WD 外胀芯轴

WD EXTERNAL EXPANSION MANDREL

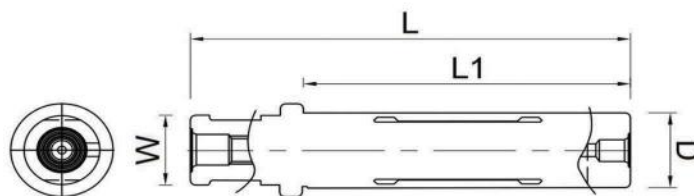
HIGH PRECISION

HIGH EFFICIENCY

HIGH RELIABILITY

HIGH PERFORMANCE

EASY OPERATION

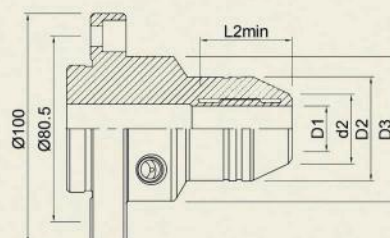


YOU WILL BENEFIT FROM:

LOW RUNOUT, HIGH PRECISION, EXCELLENT DUST PROTECTION;
IMPROVED SURFACE FINISH, STABLE CLAMPING, LONGER TOOL LIFE;
EASY OPERATION WITH ONE WRENCH FOR FAST CLAMPING AND UNCLAMPING, HIGHER MACHINING EFFICIENCY.

TTJ-MDJJ 超高精五轴磨刀夹具

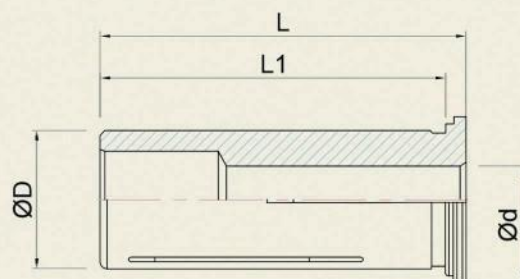
TTJ-MDJJ ULTRA-HIGH PRECISION FIVE-AXIS GRINDING FIXTURE



订单号 order No.	D1	d2	D2	D3	L	L0	L1	L2min	L2max
TJ12	12	21	37	63	86	17	42	36	—
TJ20	20	29	45	63	86	17	45	39	—
TJ32	32	43	57	64.5	86	15	48	43	—

One-stop shop/OEM

高精度液压减径套 HIGH PRECISION HYDRAULIC REDUCER



订单号 order No.	Ød	D	L	L1	重量
HC12-3	3	12	47	45	⊕
HC12-4	4				
HC12-5	5				
HC12-6	6				
HC12-7	7				
HC12-8	8	32	64.5	61	⊕
HC12-9	9				
HC32-6	6				
HC32-8	8				
HC32-10	10				
HC32-12	12				
HC32-14	14				
HC32-16	16				
HC32-18	18				
HC32-19	19				
HC32-20	20	20	53.5	50.5	⊕
HC32-24	24				
HC32-25	25				
HC20-3	3				
HC20-4	4				
HC20-5	5				
HC20-6	6				
HC20-7	7				
HC20-8	8				
HC20-9	9				
HC20-10	10				
HC20-11	11				
HC20-12	12				
HC20-13	13				
HC20-14	14				
HC20-15	15				
HC20-16	16				

ADVANTAGES:

Single holder for multiple diameters, cost-effective and highly flexible. High torque enables higher metal removal rate than direct clamping.



QUICK CHANGE TAPPING TOOL HOLDER SERIES

For Machine Center : Connection BT/HSK/SK/CAT...etc



(1) Micro Compensation High Speed Tap Series



(2) Telescopic Compensation Torque Anti-breakage Tap Series



(3) Telescopic Compensation Rigid Tap Series



BT30/40/50/60



Micro Compensation High Speed Tap Series

*Improve tap life, processing efficiency, thread precision and thread surface quality

*Micro compensation: 0.5mm stretch
0.5mm compression

*Effectively reduce the force on the tap when it reverses

HSK63A/100A

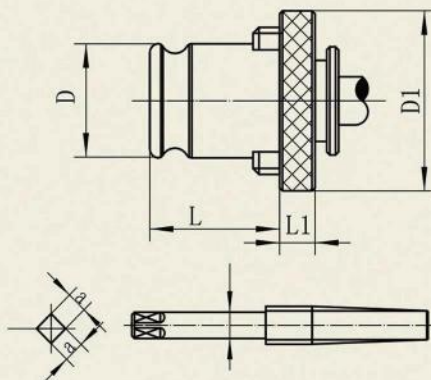


Applicable ER collet

ER16/20/25/32/40

刚性快换攻丝夹头 RIGID QUICK CHANGE TAPPING COLLET

JIS标准

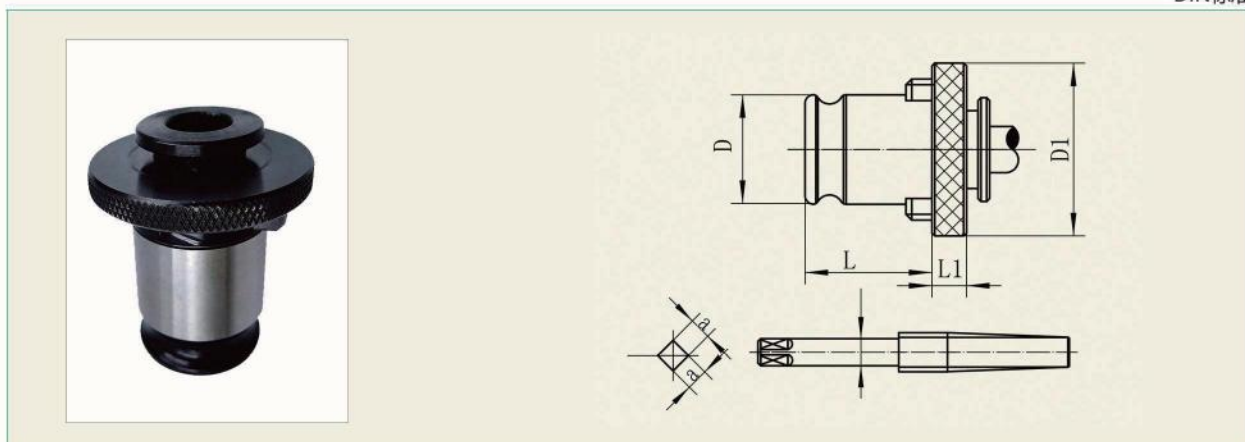


订单号 order No.	丝锥尺寸		Capacity 攻丝范围	L1	L2	D	D1
TC312	d柄径	a方径					
M3	4	3.2	M3-M16	22	6	19	30
M4	5	4					
M5	5.5	4.5					
M6	6	4.5					
M8	6.2	5					
M10	7	5.5					
M12	8.5	6.5					
M14	10.5	8					
M16	12.5	10					
订单号 order No.	丝锥尺寸		Capacity 攻丝范围	L1	L2	D	D1
TC820	d柄径	a方径					
M5	5.5	4.5	M5-M27	35.5	7	31	48
M6	6	4.5					
M8	6.2	5					
M10	7	5.5					
M12	8.5	6.5					
M14	10.5	8					
M16	12.5	10					
M18	14	11					
M20	15	12					
M22	17	13					
M24	19	15					
M27	20	15					
订单号 order No.	丝锥尺寸		Capacity 攻丝范围	L1	L2	D	D1
TC1433	d柄径	a方径					
M14	10.5	8	M14-M36	56	10	48	70
M16	12.5	10					
M18	14	11					
M20	15	12					
M22	17	13					
M24	19	15					
M27	20	15					
M28	21	17					
M30	23	17					
M33	25	19					
M36	28	31					

刚性快换攻丝夹头

RIGID QUICK CHANGE TAPPING COLLET

DIN标准

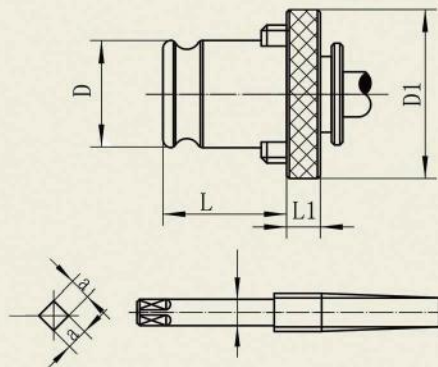


订单号 order No.	丝锥尺寸		Capacity 攻丝范围	L1	L2	D	D1
DIN371TC312	d柄径	a方径					
M2	2.8	2.1	M2-M10	22	6	19	30
M3	3.5	2.7					
M4	4.5	3.4					
M5	6	4.9					
M6	6	4.9					
M8	8	6.2					
M10	10	8					
订单号 order No.	丝锥尺寸		Capacity 攻丝范围	L1	L2	D	D1
DIN376 TC312	d柄径	a方径					
M4	2.8	2.1	M4-M16	22	6	19	30
M5	3.5	2.7					
M6	4.5	3.4					
M7	5.5	4.3					
M8	6	4.9					
M10	7	5.5					
M12	9	7					
M14	11	9					
M16	12	9					
订单号 order No.	丝锥尺寸		Capacity 攻丝范围	L1	L2	D	D1
DIN376 TC820	d柄径	a方径					
M8	6	4.9	M8-M30	35.5	7	31	48
M10	7	5.5					
M12	9	7					
M14	11	9					
M16	12	9					
M18	14	11					
M20	16	12					
M22	18	14.5					
M24	18	14.5					
M27	20	16					
M30	22	18					

刚性快换攻丝夹头

RIGID QUICK CHANGE TAPPING COLLET

ISO标准



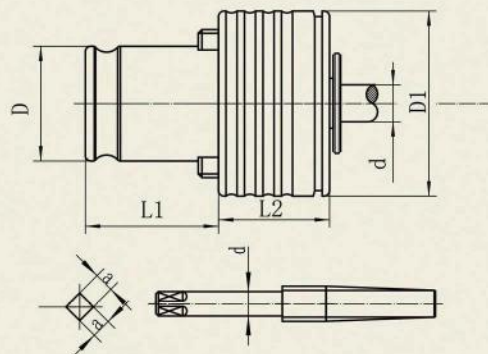
订单号 order No.	丝锥尺寸		Capacity 攻丝范围	L	L1	D	D1
DIN371TC312	d柄径	a方径					
M3	3.15	2.5	M3-M16	22	6	19	30
M4	4	3.15					
M5	5	4					
M6/M8	6.3	5					
M10	8	6.3					
M12	9	7.1					
M14	11.2	9					
M16	12.5	10					
订单号 order No.	丝锥尺寸		Capacity 攻丝范围	L	L1	D	D1
DIN376 TC312	d柄径	a方径					
M5	5	4	M5-M30	35.5	7	31	48
M6/M8	6.3	5					
M10	8	6.3					
M12	9	7.1					
M14	11.2	9					
M16	12.5	10					
M18/M20	14	11.2					
M22	16	12.5					
M24	18	14					
M27/M30	20	16					
订单号 order No.	丝锥尺寸		Capacity 攻丝范围	L	L1	D	D1
DIN376 TC820	d柄径	a方径					
M14	11.2	9	M14-M36	56	10	48	70
M16	12.5	10					
M18/M20	14	11.2					
M22	16	12.5					
M24	18	14					
M27/M30	20	16					
M33	22.4	18					
M36	25	20					

One-stop shop/OEM

扭力型快换攻丝夹头

TORSION TYPE QUICK CHANGE TAPPING COLLET

JIS标准

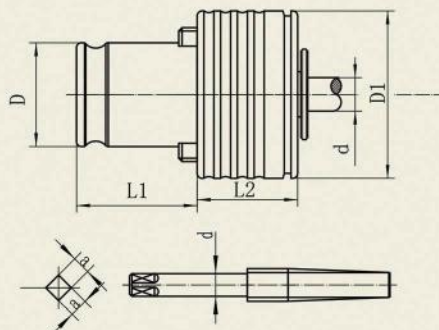


订单号 order No.	丝锥尺寸		Capacity 攻丝范围	L1	L2	D	D1
TC312	d柄径	a方径	M3-M16	22	22	19	33
M3	4	3.2					
M4	5	4					
M5	5.5	4.5					
M6	6	4.5					
M8	6.2	5					
M10	7	5.5					
M12	8.5	6.5					
订单号 order No.	丝锥尺寸		Capacity 攻丝范围	L1	L2	D	D1
TC820	d柄径	a方径	M5-M27	35.5	30	31	50
M5	5.5	4.5					
M6	6	4.5					
M8	6.2	5					
M10	7	5.5					
M12	8.5	6.5					
M14	10.5	8					
M16	12.5	10					
M18	14	11					
M20	15	12					
M22	17	13					
M24	19	15					
M27	20	15					
订单号 order No.	丝锥尺寸		Capacity 攻丝范围	L1	L2	D	D1
TC1433	d柄径	a方径	M14-M36	56	41	48	72
M14	10.5	8					
M16	12.5	10					
M18	14	11					
M20	15	12					
M22	17	13					
M24	19	15					
M27	20	15					
M28	21	17					
M30	23	17					
M33	25	19					
M36	28	31					

扭力型快换攻丝夹头

TORSION TYPE QUICK CHANGE TAPPING COLLET

DIN标准



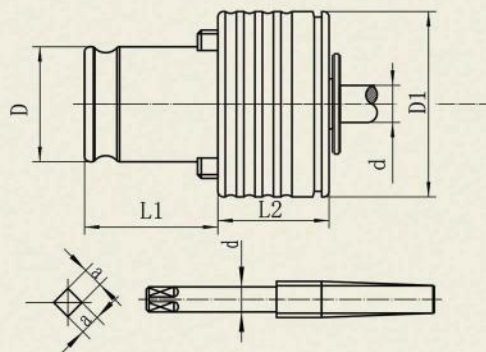
订单号 order No.	丝锥尺寸		Capacity 攻丝范围	L1	L2	D	D1
DIIN371 TC312	d柄径	a方径					
M2	2.8	2.1	M2-M10	22	22	19	33
M3	3.5	2.7					
M4	4.5	3.4					
M5	6	4.9					
M6	6	4.9					
M8	8	6.2					
M10	10	8					
订单号 order No.	丝锥尺寸		Capacity 攻丝范围	L1	L2	D	D1
DIN376 TC312	d柄径	a方径					
M4	2.8	2.1	M4-M7	22	22	19	33
M5	3.5	2.7					
M6	4.5	3.4					
M7	5.5	4.3					
订单号 order No.	丝锥尺寸		Capacity 攻丝范围	L1	L2	D	D1
DIIN376 TC820	d柄径	a方径					
M8	6	4.9	M8-M27	35.5	30	31	50
M10	7	5.5					
M12	9	7					
M14	11	9					
M16	12	9					
M18	14	11					
M20	16	12					
M22	18	14.5					
M24	18	14.5					
M27	20	16					

One-stop shop/OEM

扭力型快换攻丝夹头

TORSION TYPE QUICK CHANGE TAPPING COLLET

ISO标准

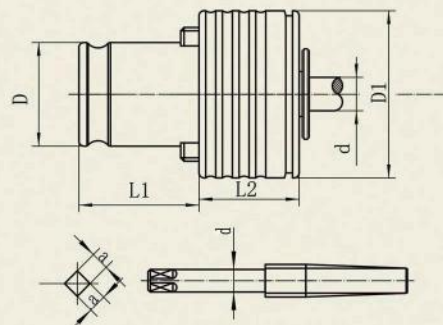
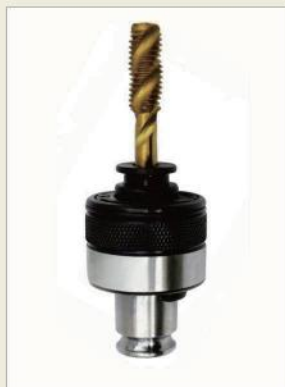


订单号 order No.	丝锥尺寸		Capacity 攻丝范围	L1	L2	D	d1
TC312	d柄径	a方径	M3-M16	22	22	19	33
M3	3.15	2.5					
M4	4	3.15					
M5	5	4					
M6/M8	6.3	5					
M10	8	6.3					
M12	9	7.1					
订单号 order No.	丝锥尺寸		Capacity 攻丝范围	L1	L2	D	d1
TC820	d柄径	a方径	M5-M30	35.5	30	31	50
M5	5	4					
M6/M8	6.3	5					
M10	8	6.3					
M12	9	7.1					
M14	11.2	9					
M16	12.5	10					
M18/M20	14	11.2					
M22	16	12.5					
M24	18	14					
M27/M30	20	16					
订单号 order No.	丝锥尺寸		Capacity 攻丝范围	L1	L2	D	d1
TC1433	d柄径	a方径	M14-M36	56	41	48	72
M14	11.2	9					
M16	12.5	10					
M18/M20	14	11.2					
M22	16	12.5					
M24	18	14					
M27/M30	20	16					
M33	22.4	18					
M36	25	20					

扭力型快换攻丝夹头

TORSION TYPE QUICK CHANGE TAPPING COLLET

美制英制

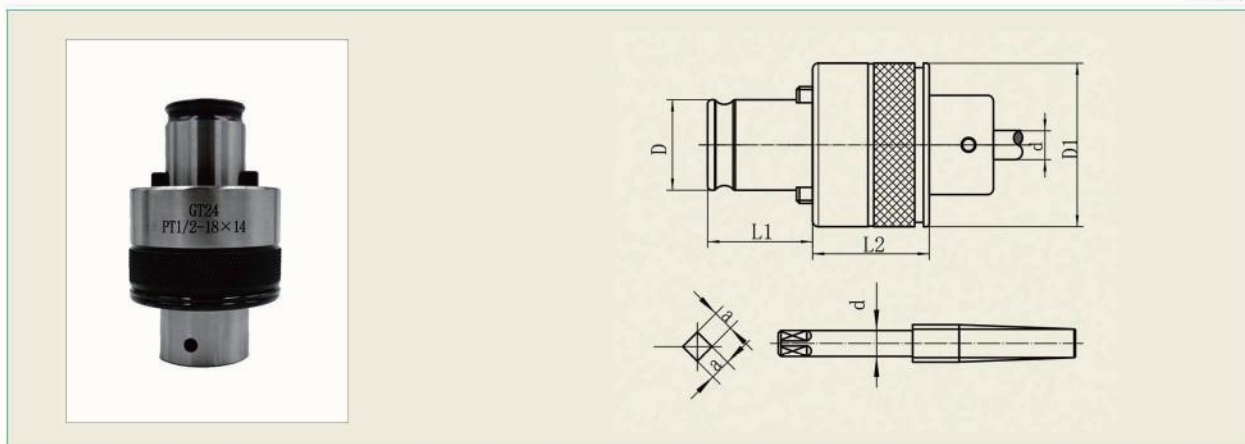


订单号 order No.	GT12	丝锥尺寸		Capacity 攻丝范围	L1	L2	D	D1
美制	英制	d柄径	a方径					
	W1/8	4	3.2	U1/4- U5/8 W1/8- W5/8	22	26	19	36
	W5/32	5	4					
	W3/16	5.5	4.5					
U1/4	W1/4	6	4.5					
U5/16	W5/16	6.1	5					
U3/8	W3/8	7	5.5					
U7/16	W7/16	8	6					
U1/2	W1/2	9	7					
U9/16	W9/16	10.5	8					
U5/8	W5/8	12	9					
订单号 order No.	TC820	丝锥尺寸		Capacity 攻丝范围	L1	L2	D	D1
美制	英制	d柄径	a方径					
U3/4	W3/4	14	11	U3/4- U11/8 W3/4- W11/8	35.5	40	31	56
U7/8	W7/8	17	13					
	W1	00	15					
U11/8	W11/8	22	17					

One-stop shop/OEM

扭力型快换攻丝夹头(PT侧固) TORSION TYPE QUICK CHANGE TAPPING COLLET (PT SIDE LOCK)

JIS标准

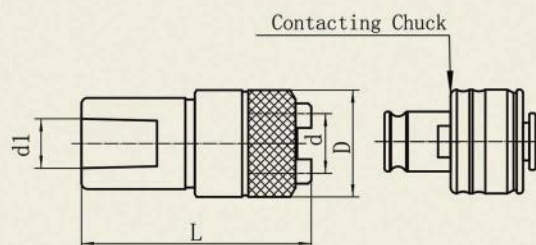


快换攻丝夹头

QUICK CHANGE TAPPING COLLET

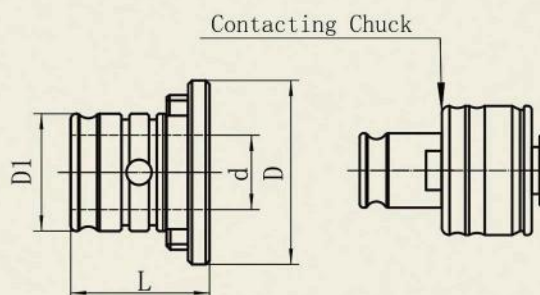
订单号 order No.	丝锥尺寸		Capacity 攻丝范围	L1	L2	D	D1
DIIN371 TC312	d柄径	a方径	M2-M10	22	22	19	33
M2	2.8	2.1					
M3	3.5	2.7					
M4	4.5	3.4					
M5	6	4.9					
M6	6	4.9					
M8	8	6.2					
M10	10	8					
订单号 order No.	丝锥尺寸		Capacity 攻丝范围	L1	L2	D	D1
DIIN376 TC312	d柄径	a方径	M4-M7	22	22	19	33
M4	2.8	2.1					
M5	3.5	2.7					
M6	4.5	3.4					
M7	5.5	4.3					
订单号 order No.	丝锥尺寸		Capacity 攻丝范围	L1	L2	D	D1
DIIN376 TC820	d柄径	a方径	M8-M27	35.5	30	31	50
M8	6	4.9					
M10	7	5.5					
M12	9	7					
M14	11	9					
M16	12	9					
M18	14	11					
M20	16	12					
M22	18	14.5					
M24	18	14.5					
M27	20	16					

快换式连接套 QUICK CHANGE CONNECTION SLEEVE



订单号 order No.	apping range 攻丝范围	D	d	d1	L	Collet name 筒夹名称
B12-GT12	M3-M12	34	19	B12	72	TC312 (GT12 G3)
B16-GT12				B16		
B18-GT12				B18		
Ø 14-GT12				14		
Ø 16-GT12				16		
B16-TC820	M5-M27	50	31	B16	78	TC820
B18-TC820				B18		
Ø 14-TC820				14		
Ø 16-TC820				16		
Ø 18-TC820				18		
Ø 20-TC820	M24-M42	78	45	20	111	GT42
Ø 20-GT42				20		
Ø 25-GT42				25		

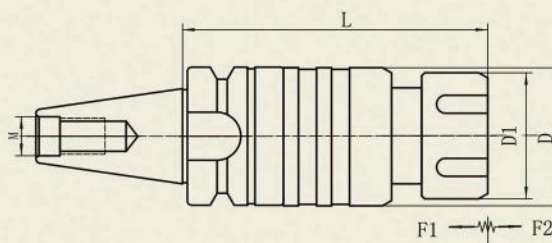
丝锥筒夹转换套 TAP COLLET CONVERSION SLEEVE



订单号 order No.	L	D	D1	d	Collet s 使用筒夹
TC820-GT12/TC312	35	48	31	19	TC312
GT42-TC820	55	74	45	31	TC820

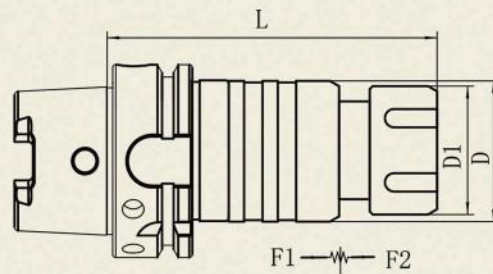
One-stop shop/OEM

BT/BBT系列微伸缩攻丝刀柄 BT/BBT MICRO-TELESCOPING TAPPING HOLDER



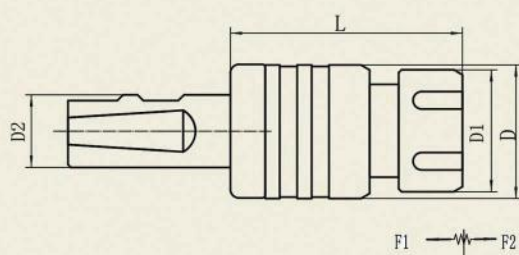
订单号 order No.	Range 攻丝范围	∅ D	∅ D1	L	Lenght Comp 伸缩长度		M	Collet s 攻丝筒夹
					Comp 压缩 F2	Tens 伸长 F1		
BT/BBT30-V16-100L	M3-M10	46	28	100	0.5mm	0.5mm	M12	ER16
BT/BBT30-V20-100L	M3-M12		34					ER20
BT/BBT30-V25-100L	M3-M16		42					ER25
BT/BBT30-V32-110L	M6-M20		50					ER32
BT/BBT40-V16-110L	M3-M10	46	28	110	0.5mm	0.5mm	M16	ER16
BT/BBT40-V20-110L	M3-M12		34					ER20
BT/BBT40-V25-110L	M3-M16		42					ER25
BT/BBT40-V32-120L	M6-M20		50					ER32
BT/BBT50-V16-120L	M3-M10	46	28	120	0.5mm	0.5mm	M24	ER16
BT/BBT50-V20-120L	M3-M12		34					ER20
BT/BBT50-V25-120L	M3-M16		42					ER25
BT/BBT50-V32-130L	M6-M20		50					ER32

HSK系列微伸缩攻丝刀柄 HSK MICRO-TELESCOPING TAPPING HOLDER



订单号 order No.	Range 攻丝范围	$\varnothing D$	$\varnothing D1$	L	Lenght Comp 伸缩长度		Collet s 攻丝筒夹
					Comp 压缩F2	Tens 伸长F1	
HSK63A-V16-110L	M3-M10	46	28	110	0.5mm	0.5mm	ER16
HSK63A-V20-110L	M3-M12		34				ER20
HSK63A-V25-110L	M3-M16		42				ER25
HSK63A-V32-110L	M6-M20		50				ER32
HSK100A-V16-115L	M3-M10	46	28	115	5mm	0.5mm	ER16
HSK100A-V20-115L	M3-M12		34				ER20
HSK100A-V25-115L	M3-M16		42				ER25
HSK100A-V32-115L	M6-M20		50				ER32

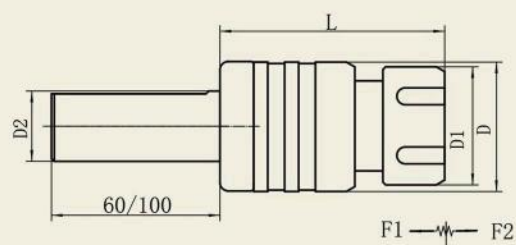
DIN1835-B+E直柄系列微伸缩攻丝刀柄 DIN1835-B+E STRAIGHT MICRO-TELESCOPING TAPPING HOLDER



订单号 order No.	Range 攻丝范围	$\varnothing D$	$\varnothing D1$	$\varnothing D2$	Lenght Comp 伸缩长度		L	Collet s 攻丝筒夹
					F1	F2		
C20-V16-80L	M3-M10	46	28	20	0.5mm	0.5mm	80	ER16
C20-V20-80L	M3-M12		34					ER20
C20-V25-80L	M3-M16		42					ER25
C20-V32-90L	M6-M20		50					ER32
C25-V16-80L	M3-M10	46	28	25	0.5mm	0.5mm	80	ER16
C25-V20-80L	M3-M12		34					ER20
C25-V25-80L	M3-M16		42					ER25
C25-V32-90L	M6-M20		50					ER32
C32-V16-80L	M3-M10	46	28	32	0.5mm	0.5mm	80	ER16
C32-V20-80L	M3-M12		34					ER20
C32-V25-80L	M3-M16		42					ER25
C32-V32-90L	M6-M20		50					ER32

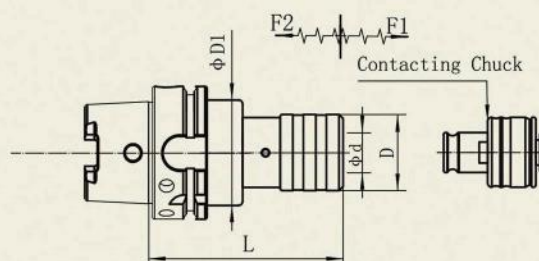
One-stop shop/OEM

直柄系列微伸缩攻丝刀柄 STRAIGHT MICRO-TELESCOPING TAPPING HOLDER



订单号 order No.	Range 攻丝范围	∅ D	∅ D1	∅ D2	Lenght Comp 伸缩长度		L	Collet s 攻丝筒夹
					F1	F2		
C20-V16-80L	M3-M10	46	28	20	0.5mm	0.5mm	80	ER16
C20-V20-80L	M3-M12		34					ER20
C20-V25-80L	M3-M16		42					ER25
C20-V32-90L	M6-M20		50				90	ER32
C25-V16-80L	M3-M10	46	28	25	0.5mm	0.5mm	80	ER16
C25-V20-80L	M3-M12		34					ER20
C25-V25-80L	M3-M16		42					ER25
C25-V32-90L	M6-M20		50				90	ER32
C32-V16-80L	M3-M10	46	28	32	0.5mm	0.5mm	80	ER16
C32-V20-80L	M3-M12		34					ER20
C32-V25-80L	M3-M16		42					ER25
C32-V32-90L	M6-M20		50				90	ER32

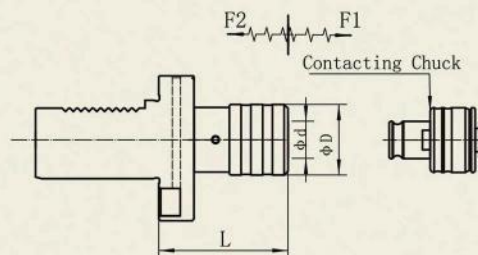
HSK系列WF快换式攻丝刀柄(伸缩型) HSK WF QUICK CHANGE TELESCOPING TAPPING HOLDER



订单号 order No.	Range 攻丝范围	∅ d	∅ D	∅ D1	L	Lenght Comp 伸缩长度		Collet s 攻丝筒夹
						Comp 压缩F2	Tens 伸长F1	
HSK50A-WF12	M3-M12	19	36	40	94	8	5	TC312
HSK50A-WF20	M8-M20	31	53		135	14	10	TC820
HSK63A-WF12	M3-M12	19	36	50	94	8	5	TC312
HSK63A-WF20	M8-M20	31	53		135	14	10	TC820
HSK63A-WF33	M14-M33	48	78		205	20	14	TC1433
HSK100A-WF12	M3-M12	19	36	85	110	8	5	TC312
HSK100A-WF20	M8-M20	31	53		145	14	10	TC820
HSK100A-WF33	M14-M33	48	78		210	20	1	TC1433

VDI系列WF快换式攻丝刀柄(伸缩型)

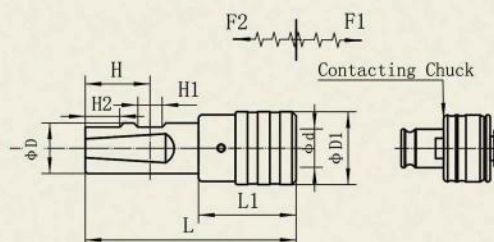
VDI WF QUICK CHANGE TELESCOPING TAPPING HOLDER



订单号 order No.	Range 攻丝范围	ϕd	ϕD	L	Lenght Comp 伸缩长度		Collet s 攻丝筒夹
					Comp 压缩F2	Tens 伸长F1	
VDI30-WF12	M3-M12	19	36	71	8	5	TC312
VDI40-WF12	M3-M12	19	36	71	8	5	TC312
VDI40-WF20	M8-M20	31	53	91	14	10	TC820
VDI50-WF12	M3-M12	19	26	79	8	5	TC312
VDI50-WF20	M8-M20	31	53	99	14	10	TC820
VDI50-WF33	M14-M33	48	78	140	20	14	TC1433

直柄系列 WF 快换式攻丝刀柄(伸缩型)

STRAIGHT WF QUICK CHANGE TELESCOPING TAPPING HOLDER

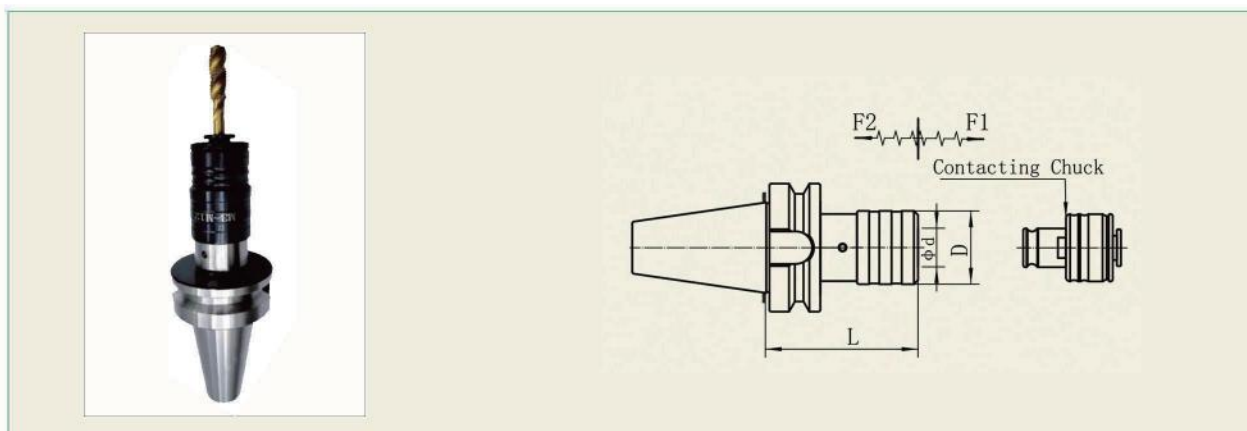


订单号 order No.	Range 攻丝范围	ϕd	ϕD	$\phi D1$	L	L1	H	H1	H2	Lenght Comp 伸缩长度		Collet s 攻丝筒夹
										Comp 压缩	Tens 伸长	
ST20-WF12	M3-M12	19	20	36	50	99	25	11		8	5	TC312
ST20-WF20	M8-M20	31		53		119				14	10	TC820
ST25-WF12	M3-M12	19	25	36	56	105	32	12	17	8	5	TC312
ST25-WF20	M8-M20	31		53		125				14	10	TC820
ST32-WF20	M8-M20	31	32	53	60	129	36	14	19	20	14	TC1433

One-stop shop/OEM

BT/BBT系列WF快换式攻丝刀柄(伸缩型)

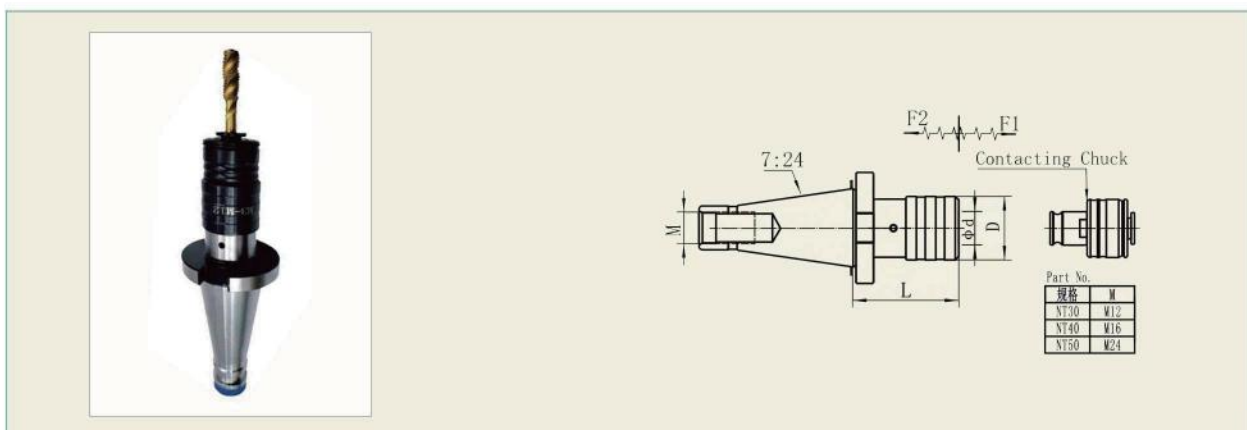
BT/BBT WF QUICK CHANGE TELESCOPING TAPPING HOLDER



订单号 order No.	Range 攻丝范围	ϕd	ϕD	L	Lenght Comp 伸缩长度		Collet s 攻丝筒夹
					Comp 压缩F2	Tens 伸长F1	
BT/BBT30-WF12	M3-M12	19	36	71	8	5	TC312
BT/BBT30-WF20	M8-M20	31	53	91	14	10	TC820
BT/BBT40-WF12	M3-M12	19	36	76	8	5	TC312
BT/BBT40-WF20	M8-M20	31	2	96	14	10	TC820
BT/BBT40-WF33	M14-M33	48	78	138	20	14	TC1433
BT/BBT50-WF12	M3-M12	19	36	86	8	5	TC312
BT/BBT50-WF20	M8-M20	31	53	106	14	10	TC820
BT/BBT50-WF33	M14-M33	48	78	148	20	14	TC1433

NT (DIN2080) 系列WF快换式攻丝刀柄(伸缩型)

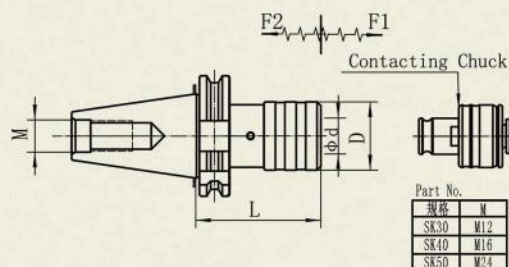
NT (DIN2080) WF QUICK CHANGE TELESCOPING TAPPING HOLDER



订单号 order No.	Range 攻丝范围	ϕd	ϕD	L	Lenght Comp 伸缩长度		Collet s 攻丝筒夹
					Comp 压缩F2	Tens 伸长F1	
NT30-WF12	M3-M12	19	36	59	8	5	TC312
NT30-WF20	M8-M20	31	53	79	14	10	TC820
NT40-WF12	M3-M12	19	36	61	8	5	TC312
NT40-WF20	M8-M20	31	53	81	14	10	TC820
NT40-WF33	M14-M33	48	78	123	20	14	TC1433
NT50-WF12	M3-M12	19	36	63	8	5	TC312
NT50-WF20	M8-M20	31	53	83	14	10	TC820
NT50-WF33	M14-M33	48	78	125	20	14	TC1433

SK (DIN69871) 系列WF快换式攻丝刀柄(伸缩型)

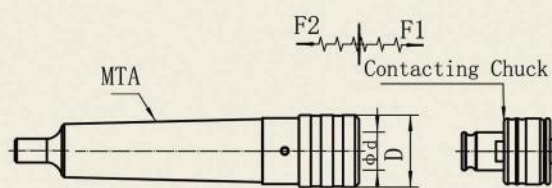
SK (DIN69871) WF QUICK CHANGE TELESCOPING TAPPING HOLDER



订单号 order No.	Range 攻丝范围	ϕd	ϕD	L	Lenght Comp 伸缩长度		Collet s 攻丝筒夹
					Comp 压缩F2	Tens 伸长F1	
SK30-WF12	M3-M12	19	36	67	8	5	TC312
SK30-WF20	M8-M20	31	53	87	14	10	TC820
SK40-WF12	M3-M12	19	36	67	8	5	TC312
SK40-WF20	M8-M20	31	53	87	14	10	TC820
SK40-WF33	M14-M33	48	78	130	20	14	TC1433
SK50-WF12	M3-M12	19	36	67	8	5	TC312
SK50-WF20	M8-M20	31	53	87	14	10	TC820
SK50-WF33	M14-M33	48	78	130	20	14	TC1433

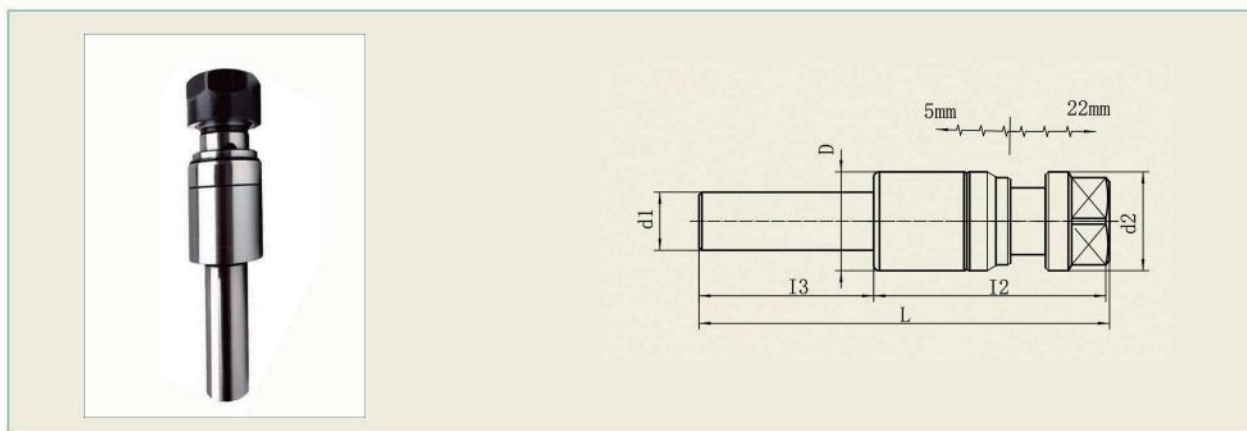
莫氏系列WF快换式攻丝刀柄(伸缩型)

MT WF QUICK CHANGE TELESCOPING TAPPING HOLDER



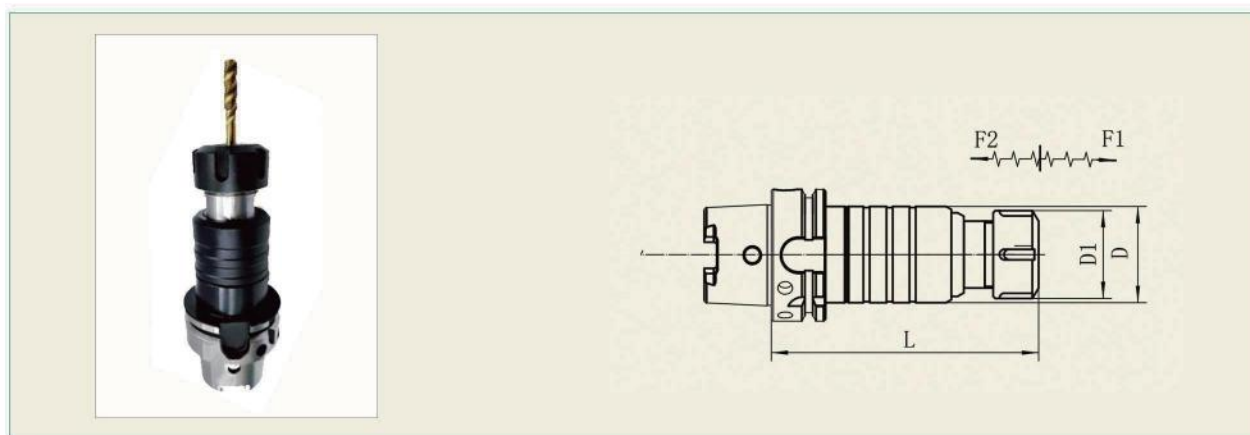
订单号 order No.	Range 攻丝范围	ϕd	ϕD	L	Lenght Comp 伸缩长度		Collet s 攻丝筒夹
					Comp 压缩F2	Tens 伸长F1	
MT2-WF12	M3-M12	19	36	49	8	5	TC312
MT3-WF12	M3-M12	19	36	49	8	5	TC312
MT3-WF20	M8-M20	31	53	69	14	10	TC820
MT4-WF12	M3-M12	19	36	49	8	5	TC312
MT4-WF20	M8-M20	31	53	69	14	10	TC820
MT4-WF33	M14-M33	48	78	111	20	14	TC1433
MT5-WF20	M8-M20	31	53	69	14	10	TC820
MT5-WF33	M14-M33	48	78	111	20	14	TC1433

C-ER直柄伸缩攻牙器 (CNC车床专用) C-ER TAPPER (FOR CNC LATHE)



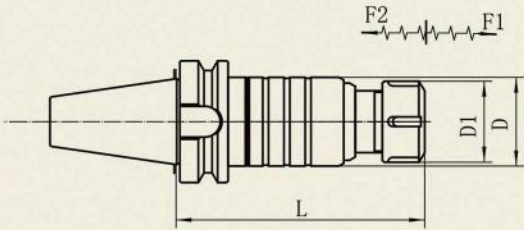
订单号 order No.	D	d1	d2	L	I1	I2	I3	筒夹	攻丝范围
STP-ER20	34	20	34	140		80	60	ER20	M3-M12
STP-ER25		25	42					ER25	M3-M16

HSK系列TER (ETP) 攻丝刀柄 (伸缩型) HSK TER (ETP) TELESCOPING TAPPING HOLDER



订单号 order No.	Range 攻丝范围	∅ D1	∅ D	L	Lenght Comp 伸缩长度		Collet s 攻丝筒夹
					Comp 压缩F2	Tens 伸长F1	
HSK63A-TER16-130L	M3-M10	28	46	130	15	15	ER16
HSK63A-TER20-130L	M3-M12	34					ER20
HSK63A-TER25-130L	M3-M16	42					ER25
HSK63A-TER32-130L	M6-M20	50					ER32
HSK100A-TER20-135L	M3-M12	34	46	135	15	15	ER20
HSK100A-TER32-135L	M6-M20	50					ER32

BT系列TER (ETP) 攻丝刀柄(伸缩型)
BT TER (ETP) TELESCOPING TAPPING HOLDER

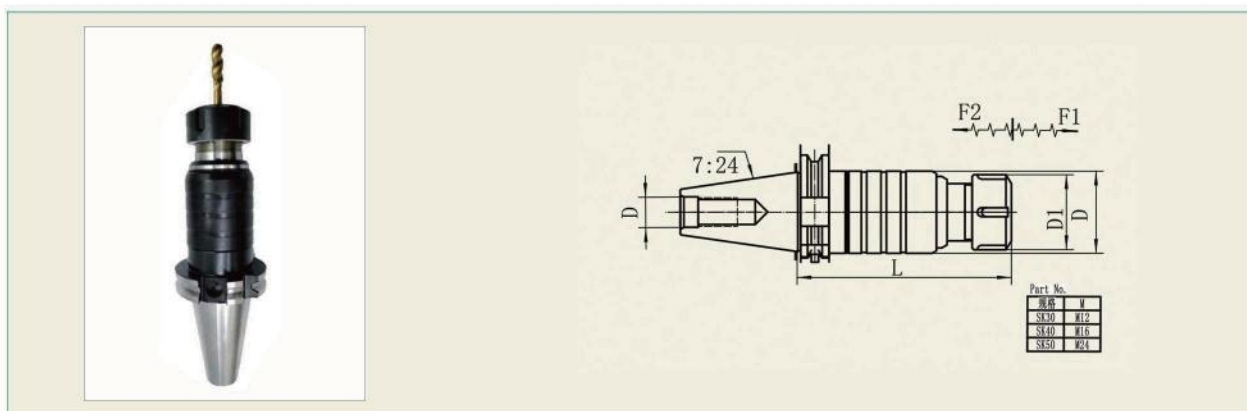


订单号 order No.	Range 攻丝范围	ø D1	ø D	L	Lenght Comp 伸缩长度		Collet s 攻丝筒夹
					Comp 压缩F2	Tens 伸长F1	
BT/BBT30-TER16-140L	M3-M10	28	46	140	15	15	ER16
BT/BBT30-TER20-140L	M3-M12	34					ER20
BT/BBT30-TER25-140L	M3-M16	42					ER25
BT/BBT30-TER32-140L	M6-M20	50					ER32
BT/BBT40-TER16-125L	M3-M10	28	46	125	15	15	ER16
BT/BBT40-TER20-125L	M3-M12	34					ER20
BT/BBT40-TER25-125L	M3-M16	42					ER25
BT/BBT40-TER32-125L	M6-M20	50					ER32
BT/BBT50-TER20-130L	M3-M12	34	46	130	15	15	ER20
BT/BBT50-TER25-130L	M3-M16	42					ER25
BT/BBT50-TER32-130L	M6-M20	50					ER32

One-stop shop/OEM

SK系列TER (ETP) 攻丝刀柄 (伸缩型)

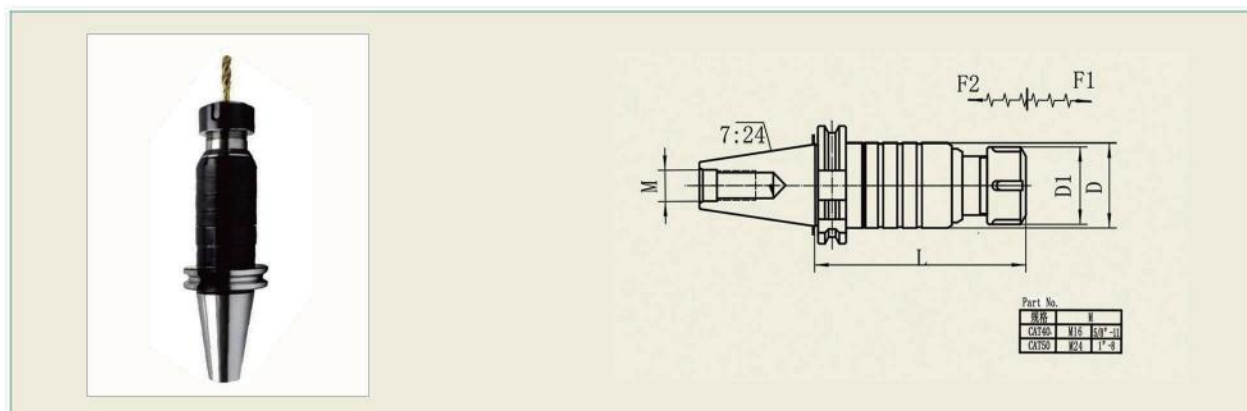
SK TER (ETP) TELESCOPING TAPPING HOLDER



订单号 order No.	Range 攻丝范围	∅ D1	∅ D	L	Lenght Comp 伸缩长度		Collet s 攻丝筒夹
					Comp 压缩F2	Tens 伸长F1	
SK30-TER16-135L	M3-M10	28	46	135	15	15	ER16
SK30-TER20-135L	M3-M12	34					ER20
SK30-TER25-135L	M3-M16	42					ER25
SK30-TER32-135L	M6-M20	50					ER32
SK40-TER16-115L	M3-M10	28	46	115	15	15	ER16
SK40-TER20-115L	M3-M12	34					ER20
SK40-TER25-115L	M3-M16	42					ER25
SK40-TER32-115L	M6-M20	50					ER32
SK50-TER20-110L	M3-M12	34	46	110	15	15	ER20
SK50-TER25-110L	M3-M16	42					ER25
SK50-TER32-110L	M6-M20	50					ER32

CAT系列TER (ETP) 攻丝刀柄 (伸缩型)

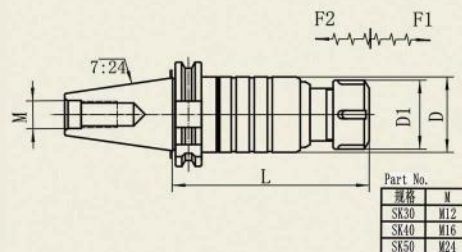
CAT TER (ETP) TELESCOPING TAPPING HOLDER



订单号 order No.	Range 攻丝范围	∅ D1	∅ D	L	Lenght Comp 伸缩长度		Collet s 攻丝筒夹
					Comp 压缩F2	Tens 伸长F1	
CAT40-TER16-115L	M3-M10	28	46	115	15	15	ER16
CAT40-TER20-115L	M3-M12	34					ER20
CAT40-TER25-115L	M3-M16	42					ER25
CAT40-TER32-115L	M6-M20	50					ER32
CAT50-TER20-110L	M3-M12	34	46	110	15	15	ER20
CAT50-TER25-110L	M3-M16	42					ER25
CAT50-TER32-110L	M6-M20	50					ER32

NT系列TER (ETP) 攻丝刀柄 (伸缩型)

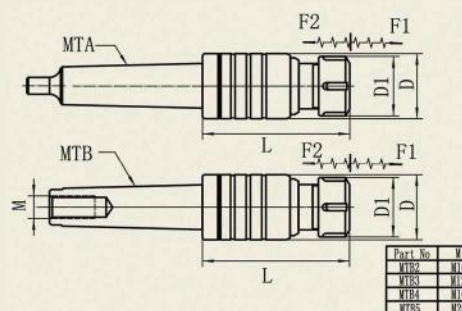
NT TER (ETP) TELESCOPING TAPPING HOLDER



订单号 order No.	Range 攻丝范围	ø D1	ø D	L	Lenght Comp 伸缩长度		Collet s 攻丝筒夹
					Comp 压缩F2	Tens 伸长F1	
NT30-TER16-130L	M3-M10	28	46	130	15	15	ER16
NT30-TER20-130L	M3-M12	34					ER20
NT30-TER25-130L	M3-M16	42					ER25
NT30-TER32-130L	M6-M20	50					ER32
NT40-TER16-110I	M3-M10	28	46	110	15	15	ER16
NT40-TER20-110I	M3-M12	34					ER20
NT40-TER25-110I	M3-M16	42					ER25
NT40-TER32-110I	M6-M20	50					ER32
NT50-TER20-110L	M3-M12	34	46	110	15	15	ER20
NT50-TER25-110L	M3-M16	42					ER25
NT50-TER32-110L	M6-M20	50					ER32

直柄系列TER (ETP) 攻丝刀柄 (伸缩型)

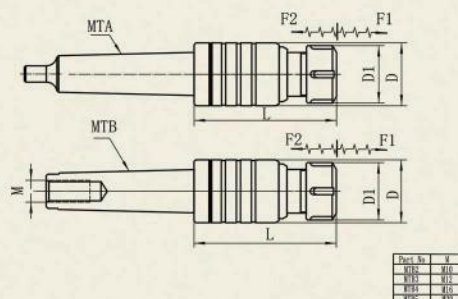
STRAIGHT TER (ETP) TELESCOPING TAPPING HOLDER



订单号 order No.	Range 攻丝范围	ø D1	ø D	L1	L	Lenght Comp 伸缩长度		Collet s 攻丝筒夹
						Comp 压缩F2	Tens 伸长F1	
C16-TER16-125L	M3-M10	28	46	60/100	125	15	15	ER16
C16-TER20-125L	M3-M12	34						ER20
C16-TER25-125L	M3-M16	42						ER25
C20-TER16-125L	M3-M10	28	46	60/100	125	15	15	ER16
C20-TER20-125L	M3-M12	34						ER20
C20-TER25-125L	M3-M16	42						ER25
C25-TER16-125L	M3-M10	28	46	60/100	125	15	15	ER16
C25-TER20-125L	M3-M12	34						ER20
C25-TER25-125L	M3-M16	42						ER25
C25-TER32-125L	M6-M20	50	46	60/100	125	15	15	ER32
C32-TER25-125L	M3-M16	42						ER25
C32-TER32-125L	M6-M20	50						ER32
C32-TER40-130L	M12-M33	63			130			ER40

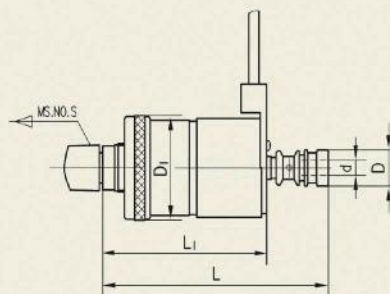
One-stop shop/OEM

莫氏系列TER (ETP) 攻丝刀柄 (伸缩型) MORSE TER (ETP) TELESCOPING TAPPING HOLDER



订单号 order No.	Range 攻丝范围	∅D1	∅D	L	Lenght Comp 伸缩长度		Collet s 攻丝筒夹
					Comp 压缩F2	Tens 伸长F1	
MT2-TER16-125L	M3-M10	28	46	125	15	15	ER16
MT2-TER20-125L	M3-M12	34					ER20
MT2-TER25-125L	M3-M16	42					ER25
MT3-TER16-125L	M3-M10	28	46	125	15	15	ER16
MT3-TER20-125L	M3-M12	34					ER20
MT3-TER25-125L	M3-M16	42					ER25
MT4-TER16-125L	M3-M10	28	46	125	15	15	ER16
MT4-TER20-125L	M3-M12	34					ER20
MT4-TER25-125L	M3-M16	42					ER25
MT4-TER32-125L	M6-M20	50					ER32
MT5-TER25-125L	M3-M16	42	46	125	15	15	ER25
MT5-TER32-130L	M6-M20	50		130			ER32
MT5-TER40-135L	M12-M33	63		135			ER40

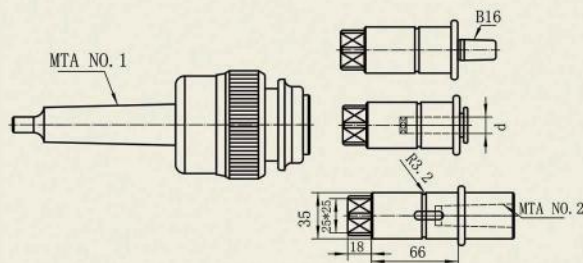
J46型可逆攻丝夹头 REVERSIBLE TAPPING HOLDER



订单号 order No.	Range 攻丝范围	d	D	D1	L	L1	莫氏柄 MS.NO.S	
J467	M2-M7	2.5-6.5	23	55	135	95	MS2-JT33	MS3-JT33
J4612	M5-M12	3.5-10	28	75	164	114.5	MS3-M16	MS4-M16
J4620	M8-M20	6.0-14	38	90.5	205	135	MS3-M20	MS4-M20

J4330快换钻孔，攻丝多用夹头

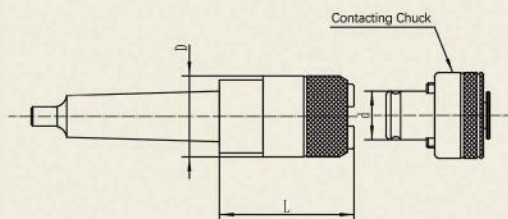
J4330 QUICK CHANGE MULTI-PURPOSE COLLET FOR DRILLING AND TAPPING



订单号 order No.	Morse taper MTA NO.1	Drilling range 钻孔范围	Drilling sleeve MTA NO.2	tapping range 攻丝范围	tapping sleeve 攻丝筒夹
J4330-MT2	MT2	Ø 3-Ø 31.5	MT1, MT2, MT3	M6-M30	M6/8, M10, M12, M16, M18/20, M24, M27/30
J4330-MT3	MT3				
J4330-MT4	MT4				
J4330-MT5	MT5				
J4342-MT5	MT5	Ø 3-Ø 50	MT1, MT2, MT3, MT4	M16-M42	M16, M18/20, M24, M27/30, M36, M39/42
J4342-MT6	MT6				

快换式刚性攻丝刀柄

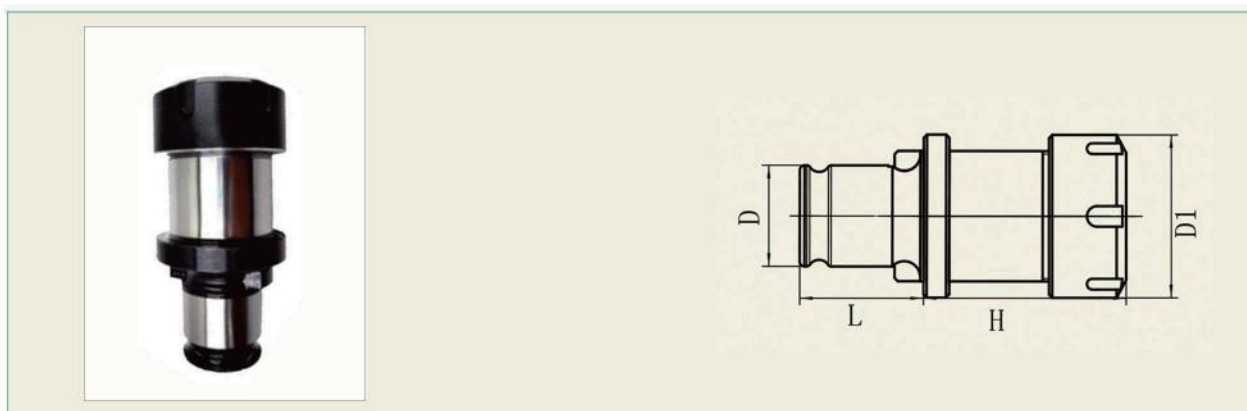
QUICK CHANGE RIGID TAPPING HOLDER



订单号 order No.	tapping range 攻丝范围	D	d	L	Collet s 适用筒夹
MT2-GT12	M3-M12	34	19	65	TC312
MT3-GT12					
MT4-GT12					
MT4-TC820	M5-M27	50	31	82	TC820
MT5-TC820					

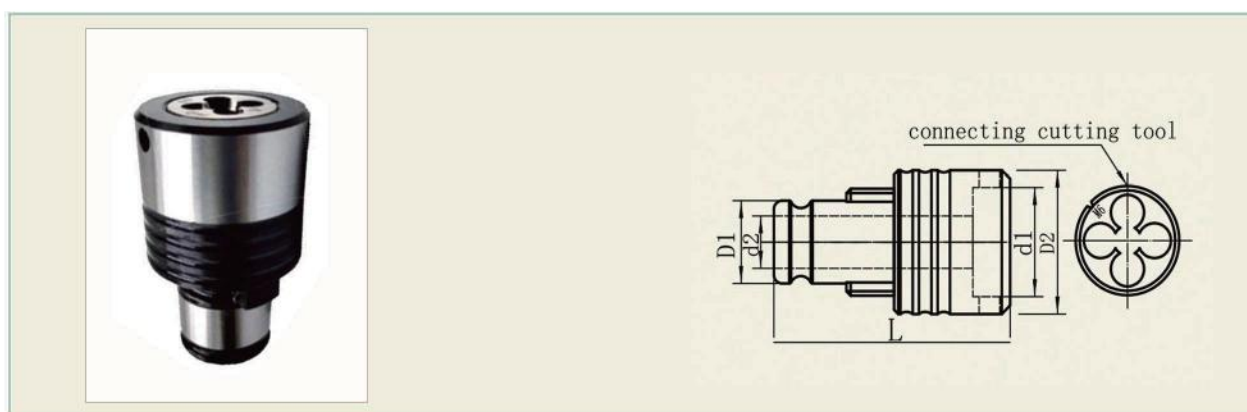
One-stop shop/OEM

ER直柄伸缩攻牙器 (CNC车床专用) ER STRAIGHT TELESCOPING TAP HOLDER



订单号 order No.	tapping range 攻丝范围	D	D1	L	H	Collet s 丝攻筒夹
TC312-ER16	M3-M10	19	28	21.5	29	ER16
TC312-ER20	M3-M16		34			ER16G ER20 ER20G
TC820-ER25	M3-M22	31	42	35	49	ER25 ER25G
TC820-ER32	M3-M27		50		51	ER32 ER32G

圆板牙连接套 ROUND DIE CONNECTING SLEEVE



订单号 order No.	D1	D2	d1	d2	L	Gripl range 攻丝范围	Maximum tapping length 最大攻丝长度
TC312-Ø20	19	33	20	12	57	M3-M6	55
TC312-Ø25			25			M7-M9.	
TC820-Ø20	31	33	20	18	60	M3-M6	58
TC820-Ø25			25			M7-M9	
TC820-Ø30		46	30		77	M10-M11	75
TC820-Ø38			38			M12-M16	

机用丝锥延长杆 MACHINE TAP EXTENSION BAR



订单号 order No.	D	d	D1	H*H	REMARKS
M3	3.15	3.15	8	2.5	This product works with a torque chuck and provides tap breakage protection.
M4	4	4		3.15	
M5	5	5	10	4	
M6	6.3	6.3	12	5	All products in this category (including unlisted specifications) can be custom-made to order.
M8					
M10	8	8	16	6.3	
M12	9	9		7.1	

One-stop shop/OEM

VDI 刀柄系列

VDI Tool Holder Series



A1



A2



B1



B2



B3



B4



B5



B6



B7



B8



C1



C2



C3



C4



D1



D2



E1



E2



E3



E4



E7



E8



F



Z2



VDI TEST BAR



AR



ARU



ALU



AL



BAR PULLER



APU



SPINDLE FORCE GAUGE



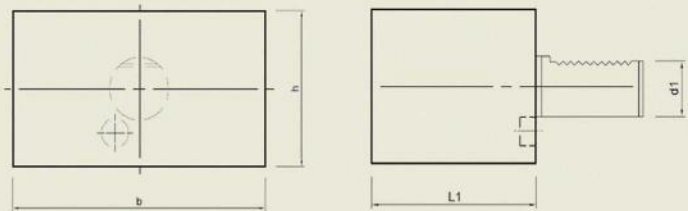
WITH INTERNAL
COOLANT SUPPLY



MAZAK



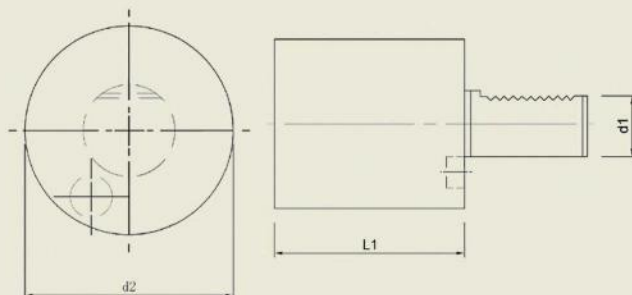
专用矩形柄
RECTANGULAR BLANK



订单号 order No.	d1	L1	b	h
A1-16×44	16	44	78	44
A1-20×65	20	65	100	60
A1-25×75	25	75	100	60
A1-30×85	30	85	130	76
A1-40×100	40	100	151	96
A1-50×125	50	125	160	120
A1-60×160	60	160	165	125

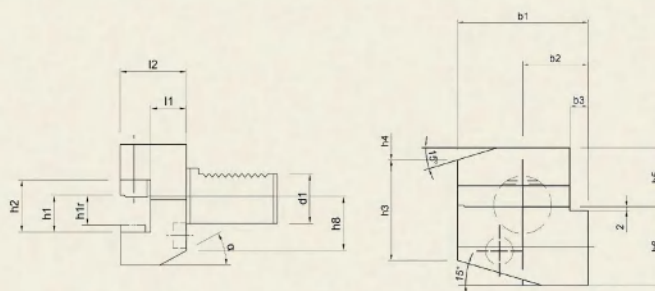
One-stop shop/OEM

专用圆形柄 ROUND BLANK



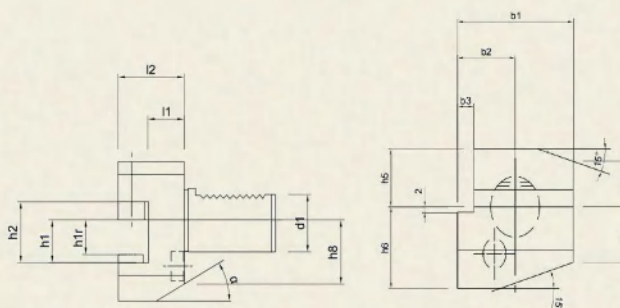
订单号 order No.	d1	L1	d2
A2-16×60	16	60	40
A2-20×70	20	70	50
A2-25×80	25	80	58
A2-25×200	25	200	58
A2-30×100	30	100	68
A2-30×240	30	240	68
A2-40×120	40	120	83
A2-40×200	40	200	83
A2-40×320	40	320	83
A2-50×135	50	135	98
A2-50×220	50	220	98
A2-50×400	50	400	98
A2-60×150	60	150	123
A2-60×480	60	480	123

B1型径向右刀夹 TYPE B1 TOOL HOLDER WITH SQUARE CROSSHOLDING FIXTURE RIGHT, SHORT



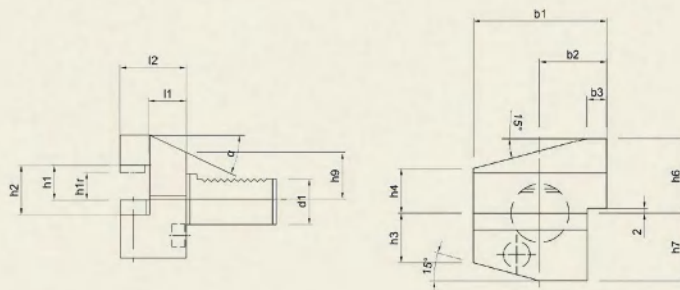
订单号 order No.	d1	b1	b2	b3	h1	h2	h3	h4	h5	h6	h8	l1	l2	a
B1-16×12×24	16	42	23	5	12	17	15	15	20	22	19	13	24	30°
B1-16×12×34	16	42	23	5	12	17	15	15	20	22	19	23	34	30°
B1-20×16×30	20	55	30	7	16/12	22	19	19	25	30	23	16	30	30°
B1-20×16×40	20	55	30	7	16/12	22	19	19	25	30	23	26	40	30°
B1-25×16×30	25	55	30	7	16/12	22	22.5	22.5	25	30	23	16	30	30°
B1-25×16×40	25	55	30	7	16/12	22	22.5	22.5	25	30	23	26	40	30°
B1-30×20×40	30	70	35	10	20/16	29	26	22	28	38	30	22	40	25°
B1-30×20×60	30	70	35	10	20/16	29	26	22	28	38	30	42	60	25°
B1-40×25×44	40	85	42.5	12.5	25/20	34	35	30	32.5	48		22	44	
B1-50×32×55	50	100	50	16	32/25	41	42	35	35	60		30	55	
B1-60×32×60	60	125	62.5	16	32/25	41	46	42.5	42.5	62.5		30	60	

B2型径向左刀夹TYPE B2 TOOL HOLDER WITH SQUARE CROSSHOLDING FIXTURE LEFT, SHORT



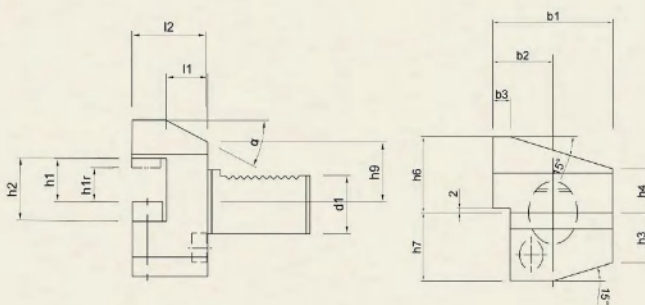
订单号 order No.	d1	b1	b2	b3	h1	h2	h3	h4	h5	h6	h8	l1	l2	a
B2-16×12×24	16	42	23	5	12	17	15	15	20	22	19	13	24	30°
B2-16×12×34	16	42	23	5	12	17	15	15	20	22	19	23	34	30°
B2-20×16×30	20	55	30	7	16/12	22	19	19	25	30	23	16	30	30°
B2-20×16×40	20	55	30	7	16/12	22	19	19	25	30	23	26	40	30°
B2-25×16×30	25	55	30	7	16/12	22	22.5	22.5	25	30	25	16	30	30°
B2-25×16×40	25	55	30	7	16/12	22	22.5	22.5	25	30	25	26	40	30°
B2-30×20×40	30	70	35	10	20/16	29	26	22	28	38	30	22	40	25°
B2-30×20×60	30	70	35	10	20/16	29	26	22	28	38	30	42	60	25°
B2-40×25×44	40	85	42.5	12.5	25/20	34	35	30	32.5	48		22	44	
B2-50×32×55	50	100	50	16	32/25	41	42	35	35	60		30	55	
B2-60×32×60	60	125	62.5	16	32/25	41	46	42.5	42.5	62.5		30	60	

B3型径向右刀夹(刀具反装) TYPE B3 TOOL HOLDER WITH SQUARE CROSSHOLDING FIXTURE OVERHEAD RIGHT, SHORT



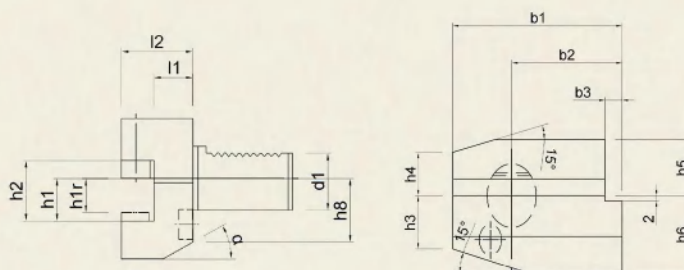
订单号 order No.	d1	b1	b2	b3	h1	h2	h3	h4	h5	h6	h8	11	12	a
B3-16×12×24	16	42	23	5	12	17	15	15	22	20	19	13	24	30°
B3-16×12×34	16	42	23	5	12	17	15	15	22	20	19	23	34	30°
B3-20×16×30	20	55	30	7	16/12	22	19	19	30	25	23	16	30	30°
B3-20×16×40	20	55	30	7	16/12	22	19	19	30	25	23	26	40	30°
B3-25×16×30	25	55	30	7	16/12	22	22.5	22.5	30	25	25	16	30	30°
B3-25×16×40	25	55	30	7	16/12	22	22.5	22.5	30	25	25	26	40	30°
B3-30×20×40	30	70	35	10	20/16	29	26	22	38	35	28	22	40	25°
B3-30×20×60	30	70	35	10	20/16	29	26	22	38	35	28	42	60	25°
B3-40×25×44	40	85	42.5	12.5	25/20	34	35	30	48	42.8	—	22	44	—
B3-50×32×55	50	100	50	16	32/25	41	42	35	60	50	—	30	55	—
B3-60×32×60	60	125	62.5	16	32/25	41	46	42.5	62.5	62.5	—	30	60	—

B4型径向左刀夹(刀具反装) TYPE B4 TOOL HOLDER WITH SQUARE CROSSHOLDING FIXTURE OVERHEAD LEFT, SHORT



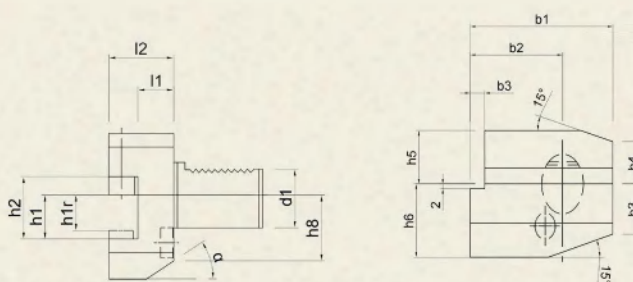
订单号 order No.	d1	b1	b2	b3	h1	h2	h3	h4	h5	h6	h8	11	12	a
B4-16×12×24	16	42	23	5	12	17	15	15	22	20	19	13	24	30°
B4-16×12×34	16	42	23	5	12	17	15	15	22	20	19	23	34	30°
B4-20×16×30	20	55	30	7	16/12	22	19	19	30	25	23	16	30	30°
B4-20×16×40	20	55	30	7	16/12	22	19	19	30	25	23	26	40	30°
B4-25×16×30	25	55	30	7	16/12	22	22.5	22.5	30	25	25	16	30	30°
B4-25×16×40	25	55	30	7	16/12	22	22.5	22.5	30	25	25	26	40	30°
B4-30×20×40	30	70	35	10	20/16	29	26	22	38	35	28	22	40	25°
B4-30×20×60	30	70	35	10	20/16	29	26	22	38	35	28	42	60	25°
B4-40×25×44	40	85	42.5	12.5	25/20	34	35	30	48	42.8	—	22	44	—
B4-50×32×55	50	100	50	16	32/25	41	42	35	60	50	—	30	55	—
B4-60×32×60	60	125	62.5	16	32/25	41	46	42.5	62.5	62.5	—	30	60	—

B5型径向右刀夹(加长型) TYPE B5 TOOL HOLDER WITH SQUARE CROSSHOLDING FIXTURE RIGHT, LONG



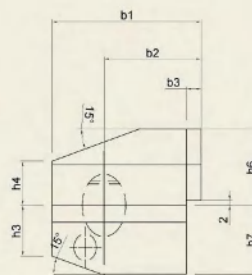
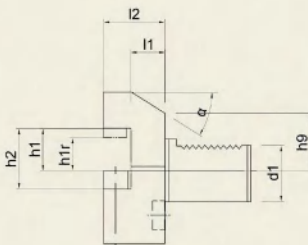
订单号 order No.	d1	b1	b2	b3	h1	h2	h3	h4	h5	h6	h8	11	12	a
B5-16×12×24	16	58	39	5	12	17	15	15	20	22	19	13	24	30°
B5-16×12×34	16	58	39	5	12	17	15	15	20	22	19	23	34	30°
B5-20×16×30	20	75	50	7	16/12	22	19	19	25	30	23	16	30	30°
B5-20×16×40	20	75	50	7	16/12	22	19	19	25	30	23	26	40	30°
B5-25×16×30	25	75	50	7	16/12	22	22.5	22.5	25	30	25	16	30	30°
B5-25×16×40	25	75	50	7	16/12	22	22.5	22.5	25	30	25	26	40	30°
B5-30×20×40	30	100	65	10	20/16	29	26	22	28	38	30	22	40	25°
B5-30×20×60	30	100	65	10	20/16	29	26	22	28	38	30	42	60	25°
B5-40×25×44	40	118	75.5	12.5	25/20	34	35	30	32.5	48	—	22	44	—
B5-50×32×55	50	130	80	16	32/25	41	42	35	35	60	—	30	55	—
B5-60×32×60	60	145	82.5	16	32/25	41	46	42.5	42.5	62.5	—	30	60	—

B6型径向左刀夹(加长型) TYPE B6 TOOL HOLDER WITH SQUARE CROSSHOLDING FIXTURE LEFT, LONG



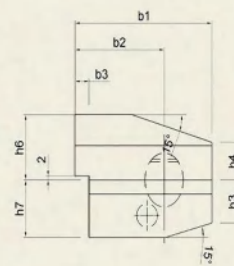
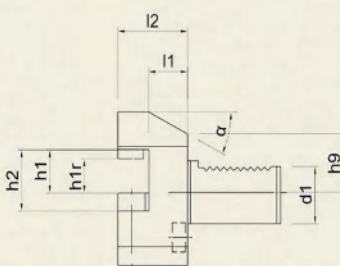
订单号 order No.	d1	b1	b2	b3	h1	h2	h3	h4	h5	h6	h8	11	12	a
B6-16×12×24	16	58	39	5	12	17	15	15	20	22	19	13	24	30°
B6-16×12×34	16	58	39	5	12	17	15	15	20	22	19	23	34	30°
B6-20×16×30	20	75	50	7	16/12	22	19	19	25	30	23	16	30	30°
B6-20×16×40	20	75	50	7	16/12	22	19	19	25	30	23	26	40	30°
B6-25×16×30	25	75	50	7	16/12	22	22.5	22.5	25	30	25	16	30	30°
B6-25×16×40	25	75	50	7	16/12	22	22.5	22.5	25	30	25	26	40	30°
B6-30×20×40	30	100	65	10	20/16	29	26	22	28	38	30	22	40	25°
B6-30×20×60	30	100	65	10	20/16	29	26	22	28	38	30	42	60	25°
B6-40×25×44	40	118	75.5	12.5	25/20	34	35	30	32.5	48	—	22	44	—
B6-50×32×55	50	130	80	16	32/25	41	42	35	35	60	—	30	55	—
B6-60×32×60	60	145	82.5	16	32/25	41	46	42.5	42.5	62.5	—	30	60	—

B7型径向右刀夹(加长型、刀具反装) TYPE B7 TOOL HOLDER WITH SQUARE CROSSHOLDING FIXTURE OVERHEAD RIGHT, LONG



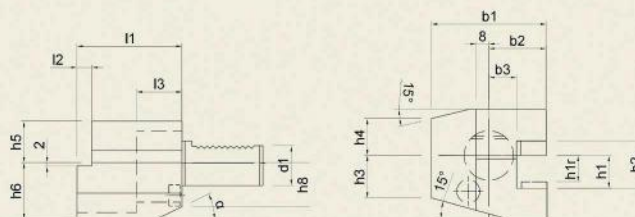
订单号 order No.	d1	b1	b2	b3	h1	h2	h3	h4	h5	h6	h8	11	12	a
B7-16×12×24	16	58	39	5	12	17	15	15	22	20	19	13	24	30°
B7-16×12×34	16	58	39	5	12	17	15	15	22	20	19	23	34	30°
B7-20×16×30	20	75	50	7	16/12	22	19	19	30	25	23	16	30	30°
B7-20×16×40	20	75	50	7	16/12	22	19	19	30	25	23	26	40	30°
B7-25×16×30	25	75	50	7	16/12	22	22.5	22.5	30	25	25	16	30	30°
B7-25×16×40	25	75	50	7	16/12	22	22.5	22.5	30	25	25	26	40	30°
B7-30×20×40	30	100	65	10	20/16	29	26	22	38	35	28	22	40	25°
B7-30×20×60	30	100	65	10	20/16	29	26	22	38	35	28	42	60	25°
B7-40×25×44	40	118	75.5	12.5	25/20	34	35	30	48.0	43	—	22	44	—
B7-50×32×55	50	130	80	16	32/25	41	42	35	60	50	—	30	55	—
B7-60×32×60	60	145	82.5	16	32/25	41	46	42.5	62.5	62.5	—	30	60	—

B8型径向左刀夹(加长型、刀具反装) TYPE B8 TOOL HOLDER WITH SQUARE CROSSHOLDING FIXTURE OVERHEAD LEFT, LONG



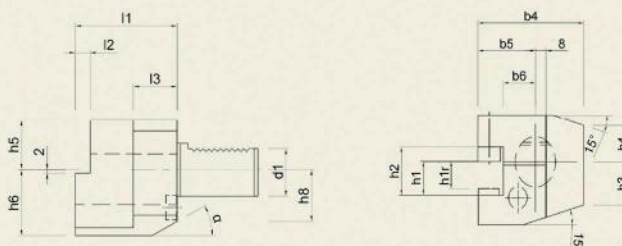
订单号 order No.	d1	b1	b2	b3	h1	h2	h3	h4	h5	h6	h8	11	12	a
B8-16×12×24	16	58	39	5	12	17	15	15	22	20	19	13	24	30°
B8-16×12×34	16	58	39	5	12	17	15	15	22	20	19	23	34	30°
B8-20×16×30	20	75	50	7	16/12	22	19	19	30	25	23	16	30	30°
B8-20×16×40	20	75	50	7	16/12	22	19	19	30	25	23	26	40	30°
B8-25×16×30	25	75	50	7	16/12	22	22.5	22.5	30	25	25	16	30	30°
B8-25×16×40	25	75	50	7	16/12	22	22.5	22.5	30	25	25	26	40	30°
B8-30×20×40	30	100	65	10	20/16	29	26	22	38	35	28	22	40	25°
B8-30×20×60	30	100	65	10	20/16	29	26	22	38	35	28	42	60	25°
B8-40×25×44	40	118	75.5	12.5	25/20	34	35	30	48.0	43	—	22	44	—
B8-50×32×55	50	130	80	16	32/25	41	42	35	60	50	—	30	55	—
B8-60×32×60	60	145	82.5	16	32/25	41	46	42.5	62.5	62.5	—	30	60	—

C1型轴向右刀夹 TYPE C1 TOOL HOLDER WITH LONGITUDINAL SQUARE HOLDING FIXTURE, RIGHT



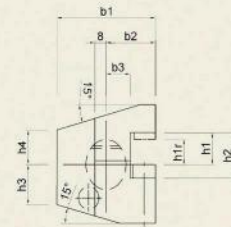
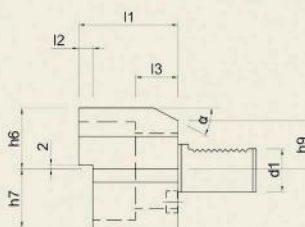
订单号 order No.	d1	b1	b2	b3	h1	h2	h3	h4	h5	h6	h8	11	12	13	a
C1-16×12	16	43	24	13	12	17	15	15	20	22	19	44	5	20	30°
C1-20×16/55	20	52	27	13	16/12	22	19	19	25	30	23	55	7	30	30°
C1-20×16/50	20	52	27	13	16/12	22	19	19	25	30	23	50	—	30	30°
C1-25×16	25	58	33	19	16/12	22	22.5	22.5	25	30	25	55	7	20	30°
C1-25×20	25	62	37	19	20/16	29	22.5	22.5	28	35	28	55	7	20	30°
C1-30×20	30	70	35	17	20/16	29	26	22	28	38	30	70	10	30	25°
C1-40×25	40	85	45.5	21	25/20	34	35	30	32.5	48	—	85	12.5	30	—
C1-50×32	50	100	50	26	32/25	41	42	35	35	60	—	100	16	40	—
C1-60×32	60	125	62.5	33	32/25	41	46	42.5	42.5	62.5	—	125	16	40	—

C2型轴向左刀夹TYPE C2 TOOL HOLDER WITH LONGITUDINAL SQUARE HOLDING FIXTURE, LEFT



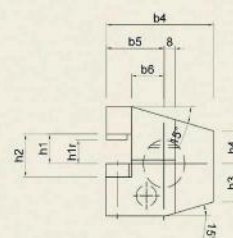
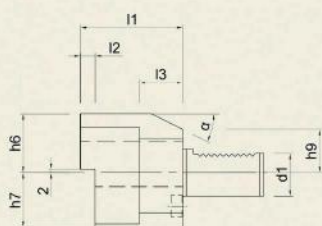
订单号 order No.	d1	b4	b5	b6	h1	h2	h3	h4	h5	h6	h8	11	12	13	a
C2-16×12	16	43	24	13	12	17	15	15	20	22	19	44	5	20	30°
C2-20×16/55	20	—	—	—	16/12	22	19	19	25	30	23	55	7	30	30°
C2-20×16/50	20	65	40	26	16/12	22	19	19	25	30	23	50	—	30	30°
C2-25×16	25	58	33	19	16/12	22	22.5	22.5	25	30	25	55	7	20	30°
C2-25×20	25	62	37	19	20/16	29	22.5	22.5	28	35	28	55	7	20	30°
C2-30×20	30	76	41	23	20/16	29	26	22	28	38	30	70	10	30	25°
C2-40×25	40	90	47.5	25.5	25/20	34	35	30	32.5	48	—	85	12.5	30	—
C2-50×32	50	105	55	30.5	32/25	41	42	35	35	60	—	100	16	40	—
C2-60×32	60	125	62.5	33	32/25	41	46	42.5	42.5	62.5	—	125	16	40	—

C3型轴向右刀夹(刀具反装) TYPE C3 TOOL HOLDER WITH LONGITUDINAL SQUARE HOLDING FIXTURE OVERHEAD, RIGHT



订单号 order No.	d1	b1	b2	b3	h1	h2	h3	h4	h6	h7	h9	11	12	13	a
C3-16×12	16	43	24	13	12	17	15	15	22	20	19	44	5	20	30°
C3-20×16/55	20	52	27	13	16/12	22	19	19	30	25	23	55	7	30	30°
C3-20×16/50	20	65	40	26	16/12	22	19	19	30	25	23	50	—	30	30°
C3-25×16	25	58	33	19	16/12	22	22.5	22.5	30	25	25	55	7	20	30°
C3-25×20	25	62	37	19	20/16	29	22.5	22.5	35	28	28	55	7	20	30°
C3-30×20	30	70	35	17	20/16	29	26	22	38	35	28	70	10	30	25°
C3-40×25	40	85	42.5	21	25/20	34	35	30	48	42.5	—	85	12.5	30	—
C3-50×32	50	100	50	26	32/25	41	42	35	60	50	—	100	16	40	—
C3-60×32	60	125	62.5	33	32/25	41	46	42.5	62.5	62.5	—	125	16	40	—

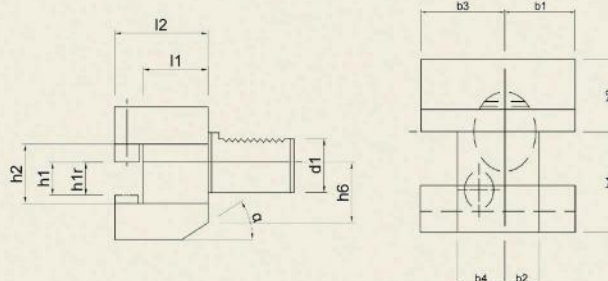
C4型轴向左刀夹(刀具反装) TYPE C4 TOOL HOLDER WITH LONGITUDINAL SQUARE HOLDING FIXTURE OVERHEAD, LEFT



订单号 order No.	d1	b4	b5	b6	h1	h2	h3	h4	h6	h7	h9	11	12	13	a
C4-16×12	16	43	24	13	12	17	15	15	22	20	19	44	5	20	30°
C4-20×16/55	20	—	—	—	16/12	22	19	19	30	25	23	55	7	30	30°
C4-20×16/50	20	65	40	26	16/12	22	19	19	30	25	23	50	—	30	30°
C4-25×16	25	58	33	19	16/12	22	22.5	22.5	30	25	25	55	7	20	30°
C4-25×20	25	62	37	19	20/16	29	22.5	22.5	35	28	28	55	7	20	30°
C4-30×20	30	76	41	23	20/16	29	26	22	38	35	28	70	10	30	25°
C4-40×25	40	90	47.5	25.5	25/20	34	35	30	48	42.5	—	85	12.5	30	—
C4-50×32	50	105	55	30.5	32/25	41	42	35	60	50	—	100	16	40	—
C4-60×32	60	125	62.5	33	32/25	41	46	42.5	62.5	62.5	—	125	16	40	—

D1型多方向刀架

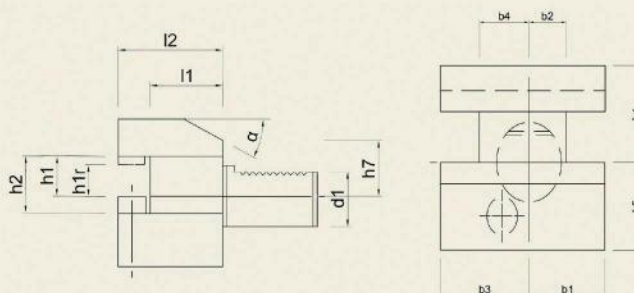
TOOL HOLDER WITH MULTIPLE SEATS



订单号 order No.	d1	b1	b2	b3	b4	h1	h2	h3	h4	h6	11	12	a
D1-25×16	25	33	19	33	19	16	22	25	30	25	34	48	30°
D1-30×20	30	35	17	41	23	20/16	29	28	38	30	42	60	25°
D1-40×25	40	42.5	21	47.5	25.5	25/20	34	32.5	48	—	50	72	—
D1-50×32	50	50	26	55	30.5	32/25	41	35	60	—	60	85	—
D1-60×32	60	57.5	33	57.5	33	32/25	41	42.5	62.5	—	85	110	—

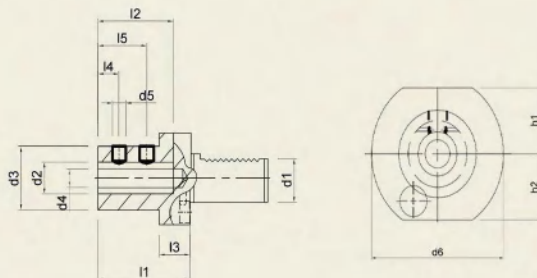
D2型多方向倒置刀架

TOOL HOLDER WITH MULTIPLE SEATS UPSIDE DOWN



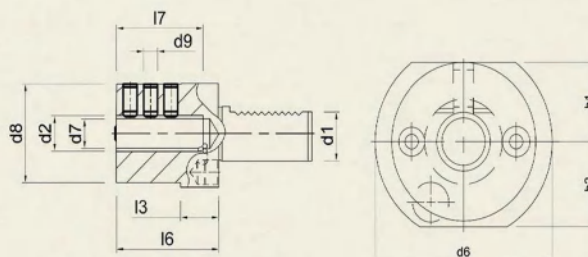
订单号 order No.	d1	b1	b2	b3	b4	h1	h2	h3	h4	h6	11	12	a
D2-25×16	25	33	19	33	19	16	22	30	25	25	34	48	30°
D2-30×20	30	35	17	41	23	20/16	29	38	35	28	42	60	25°
D2-40×25	40	42.5	21	47.5	25.5	25/20	34	48	42.5	—	50	72	—
D2-50×32	50	50	26	55	30.5	32/25	41	60	50	—	60	85	—
D2-60×32	60	57.5	33	57.5	33	32/25	41	62.5	62.5	—	85	110	—

E1型圆柱孔刀夹(钻孔) TYPE E1 TOOL HOLDER FOR BORING BARS WITH CYLINDRICAL SHANK



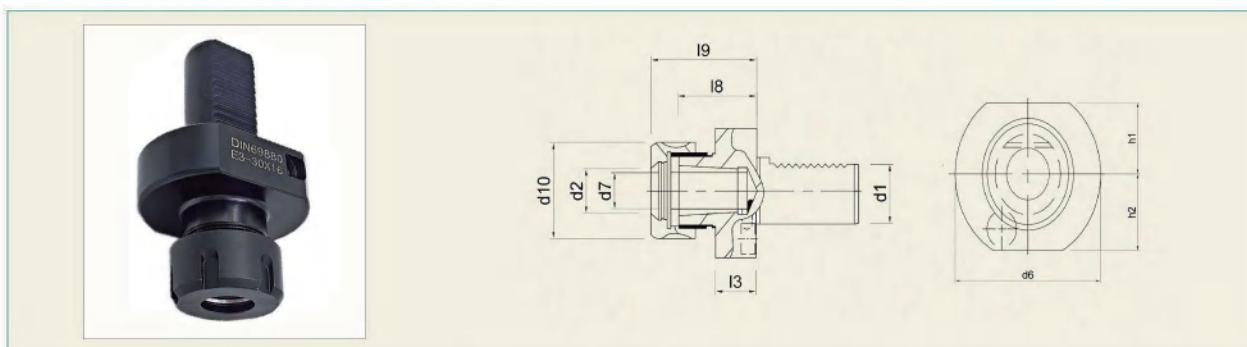
订单号 order No.	d1	d2	d3	d4	d5	d6	h1	h2	11	12	13	14	15
E1-20×10	20	10	32	8	M8	50	—	23	67	54	18	15	35
E1-20×12	20	12	32	8	M10	50	—	23	67	54	18	15	35
E1-20×14	20	14	36	10	M10	50	—	23	67	54	22	15	35
E1-20×16	20	16	40	12	M10	50	—	23	67	54	18	15	35
E1-20×20	20	20	40	12	M10	50	—	23	67	54	18	15	35
E1-20×25	20	25	45	17	M12	50	—	23	71	59	18	17	40
E1-25×16	25	16	40	12	M10	58	25	25	67	54	18	15	35
E1-25×20	25	20	40	12	M10	58	25	25	67	54	18	15	35
E1-25×25	25	25	45	17	M12	58	25	25	71	59	18	17	40
E1-25×32	25	32	52	24	M12	58	25	25	75	63	18	17	44
E1-30×10	30	10	32	8	M8	68	28	30	67	54	22	15	35
E1-30×12	30	12	32	8	M10	68	28	30	67	54	22	15	35
E1-30×14	30	14	36	10	M10	68	28	30	67	54	22	15	35
E1-30×16	30	16	40	12	M10	68	28	30	67	54	22	15	35
E1-30×20	30	20	40	12	M10	68	28	30	67	54	22	15	35
E1-30×25	30	25	45	17	M12	68	28	30	71	59	22	17	40
E1-30×32	30	32	52	24	M12	68	28	30	75	63	22	17	44
E1-30×40	30	40	65	24	M16	68	28	30	90	73	22	22	50
E1-40×10	40	10	32	8	M8	83	32.5	—	67	54	22	15	35
E1-40×12	40	12	32	8	M10	83	32.5	—	67	54	22	15	35
E1-40×14	40	14	36	10	M10	83	32.5	—	67	54	22	15	35
E1-40×16	40	16	40	12	M10	83	32.5	—	67	54	22	15	35
E1-40×18	40	18	40	12	M10	83	32.5	—	67	54	22	15	35
E1-40×20	40	20	40	12	M10	83	32.5	—	67	54	22	15	35
E1-40×25	40	25	45	17	M12	83	32.5	—	75	59	22	17	40
E1-40×32	40	32	52	24	M12	83	32.5	—	75	63	22	17	44
E1-40×40	40	40	65	25	M16	83	32.5	—	90	73	22	22	50
E1-40×50	40	50	75	32	M16	83	32.5	—	100	83	22	24	60
E1-50×10	50	10	30	8	M10	98	35	—	67	54	30	15	35
E1-50×12	50	12	32	8	M10	98	35	—	67	56	30	15	35
E1-50×16	50	16	40	12	M10	98	35	—	67	56	30	15	35
E1-50×20	50	20	40	12	M10	98	35	—	67	54	30	15	35
E1-50×25	50	25	45	17	M12	98	35	—	80	59	30	17	40
E1-50×32	50	32	52	24	M12	98	35	—	80	63	30	17	44
E1-50×40	50	40	65	32	M16	98	35	—	90	73	30	22	50
E1-50×50	50	50	75	42	M16	98	35	—	100	83	30	24	60
E1-60×20	60	20	40	12	M10	123	42.5	—	80	54	30	15	35
E1-60×25	60	25	45	17	M12	123	42.5	—	80	59	30	17	40
E1-60×32	60	32	45	24	M12	123	42.5	—	80	63	30	17	44
E1-60×40	60	40	52	32	M16	123	42.5	—	90	73	30	22	50
E1-60×50	60	50	70	42	M16	123	42.5	—	100	83	30	24	60

E2型圆柱孔刀夹(铣、镗孔) TYPE E2 TOOL HOLDER FOR BORING BARS WITH CYLINDRICAL SHANK



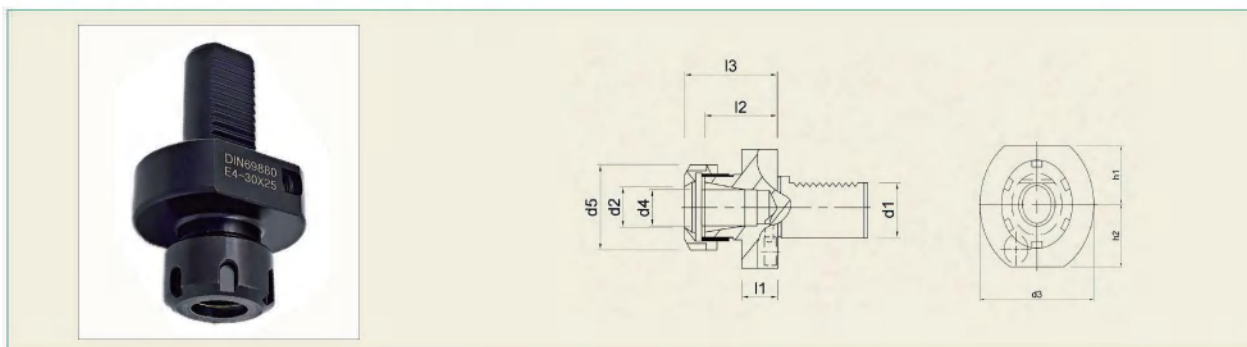
订单号 order No.	d1	d2	d6	d7	d8	d9	h1	h2	13	16	17
E2-40×6	40	6	83	5	55	M6	32.5	—	22	75	67
E2-40×8	40	8	83	6	55	M8	32.5	—	22	75	67
E2-40×10	40	10	83	8	55	M10	32.5	—	22	67	57
E2-40×12	40	12	83	10	55	M10	32.5	—	22	75	61
E2-40×14	40	14	83	10	55	M8	32.5	—	22	75	63
E2-40×16	40	16	83	12	55	M10	32.5	—	22	75	61
E2-40×18	40	18	83	10	55	M8	32.5	—	22	75	62
E2-40×20	40	20	83	16	55	M10	32.5	—	22	75	61
E2-40×25	40	25	83	20.5	55	M10	32.5	—	22	75	61
E2-40×32	40	32	83	20.5	83	M10	32.5	—	22	75	61
E2-40×40	40	40	83	20.5	83	M10	32.5	—	22	90	76
E2-40×50	40	50	83	20.5	83	M12	32.5	—	22	90	75
E2-50×8	50	8	98	6	55	M6	35	—	30	75	67
E2-50×10	50	10	98	8	55	M6	35	—	30	75	67
E2-50×12	50	12	98	10	68	M8	35	—	30	90	76
E2-50×16	50	16	98	12	68	M10	35	—	30	90	76
E2-50×20	50	20	98	16	68	M12	35	—	30	90	76
E2-50×25	50	25	98	20	68	M12	35	—	30	90	76
E2-50×32	50	32	98	25.5	68	M12	35	—	30	90	76
E2-50×40	50	40	98	25.5	98	M12	35	—	30	90	76
E2-50×50	50	50	98	25.5	98	M12	35	—	30	100	86
E2-60×12	60	12	123	10	68	M8	42.5	—	30	90	76
E2-60×16	60	16	123	12	68	M10	42.5	—	30	90	76
E2-60×18	60	18	123	12	55	M8	42.5	—	30	90	76
E2-60×20	60	20	123	16	68	M12	42.5	—	30	90	76
E2-60×25	60	25	123	20	68	M12	42.5	—	30	90	76
E2-60×32	60	32	123	25	68	M12	42.5	—	30	90	76
E2-60×40	60	40	123	35	98	M12	42.5	—	30	90	76
E2-60×50	60	50	123	40	98	M12	42.5	—	30	100	86

E3-型DIN6388 EOC夹头刀夹 TYPE E3 EOC COLLET HOLDER



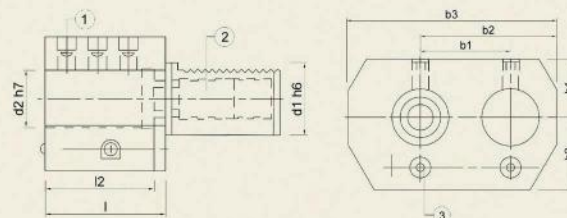
订单号 order No.	d1	d2	d2	d6	d7	d10	h1	h2	13	18	19
E3-16×C16	16	2-16	5-15	40	6.7	43	18	—	13	36	45.5
E3-20×C16	20	2-16	5-15	50	9	43	—	23	18	42	57
E3-20×C20	20	2-20	6-20	50	9	50	—	23	18	46	62
E3-25×C16	25	2-16	5-15	58	9	43	25	25	18	42	57
E3-30×C25	30	2-25	6-25	68	16.5	60	28	30	22	59	75
E3-40×C16	40	2-16	5-15	83	20.5	43	32.5	—	22	42	57
E3-40×C25	40	2-25	6-25	83	20.5	60	32.5	—	22	59	75
E3-40×C32	40	4-32	10-32	83	20.5	72	32.5	—	22	73	90
E3-50×C25	50	2-25	6-25	98	25.5	60	35	—	30	59	75
E3-50×C32	50	4-32	10-32	98	25.5	72	35	—	30	73	90
E3-60×C32	60	4-32	10-32	123	40.5	72	42.5	—	30	73	90
E3-60×C40	60	6-29.5	30-40	123	40.5	85	42.5	—	30	82	100

E4型DIN6499ER夹头刀夹 TYPE E4 ER COLLET HOLDER



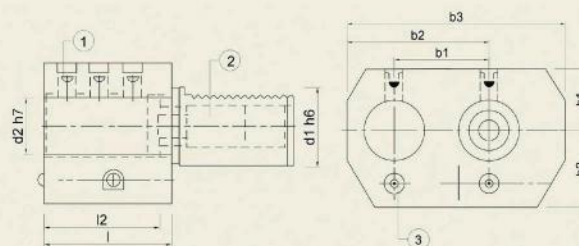
订单号 order No.	d1	d2	d3	d4	d5	h1	h2	11	12	13
E4-16×ER16	16	0.5-10	40	6.7	28	18	18	13	30	40
E4-20×ER20	16	0.5-13	40	6.7	34	18	18	13	33	44
E4-20×ER16	20	0.5-10	50	9	28	—	23	10	30	40
E4-20×ER25	20	0.5-16	50	9	42	—	23	18	38	50
E4-20×ER32	20	1-20	50	9	50	—	23	18	49	62
E4-25×ER25	25	0.5-16	58	9	42	25	25	18	45	57
E4-25×ER32	25	1-20	58	9	50	25	25	18	49	62
E4-30×ER25	30	0.5-16	68	16.5	42	28	30	22	45	57
E4-30×ER32	30	1-20	68	16.5	50	28	30	22	49	62
E4-30×ER40	30	2-30	68	16.5	63	28	30	22	56	70
E4-40×ER25	40	0.5-16	83	20.5	42	32.5	—	22	45	57
E4-40×ER32	40	1-20	83	20.5	50	32.5	—	22	49.5	62
E4-40×ER40	40	2-30	83	20.5	63	32.5	—	22	61	75
E4-50×ER40	50	2-30	92	25.5	63	35	—	30	61	75
E4-60×ER40	60	2-30	123	28.5	63	42.5	—	30	61	75

E7右侧双镗孔刀架 DOUBLE BORING BAR HOLDER, RIGHT



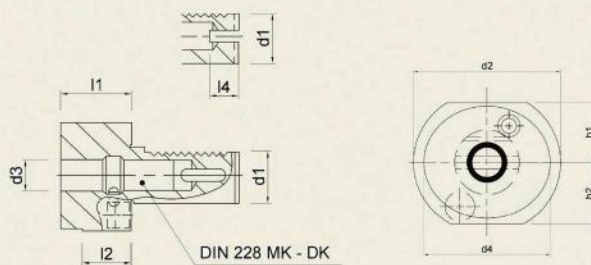
订单号 order No.	d1	d2	h1	h2	l1	l2	b1	b2	B3	Qt
E7-30×25	30	25	28	32	56	52	45	65	95	6
E7-40×32	40	32	32.5	40	66	60	50	75	115	6
E7-50×32	50	32	32.5	47.5	66	60	50	75	115	6
E7-50×50	50	50	35	49	90	80	68	103	152	6

E8左侧双镗孔刀架 DOUBLE BORING BAR HOLDER, LEFT



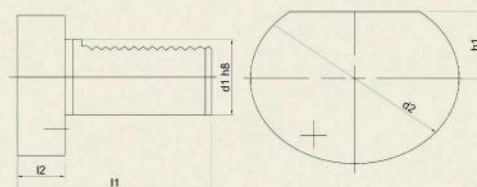
订单号 order No.	d1	d2	h1	h2	l1	l2	b1	b2	B3	Qt
E8-30×25	30	25	28	32	56	52	45	65	95	6
E8-40×32	40	32	32.5	40	66	60	50	75	115	6
E8-50×32	50	32	32.5	47.5	66	60	50	75	115	6
E8-50×50	50	50	35	49	90	80	68	103	152	6

F型莫氏锥孔刀夹 TYPE F TOOL HOLDER



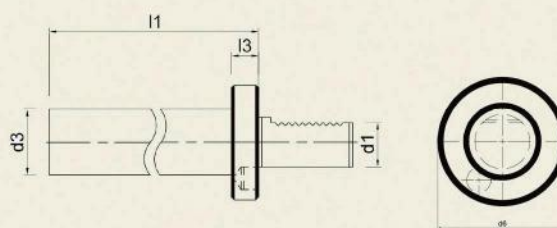
订单号 order No.	d1	d2	d3	d4	h1	h2	l1	l2	l4	MK
20-MK1	20	50	12.065	—	—	23	23	—	7	1
20-MK2	20	50	17.780	—	—	23	55	—	—	2
25-MK1	25	58	12.065	—	25	25	23	—	—	1
25-MK2	25	58	17.780	—	25	25	27	—	—	2
30-MK1	30	68	12.065	—	28	30	27	—	—	1
30-MK2	30	68	17.780	—	28	30	27	—	14	2
30-MK3	30	68	23.825	—	28	30	45	—	—	3
40-MK1	40	83	12.065	55	32.5	—	36	22	—	1
40-MK2	40	83	17.780	55	32.5	—	36	22	—	2
40-MK3	40	83	23.825	58	32.5	—	36	22	14	3
40-MK4	40	83	31.267	68	32.5	—	80	22	—	4
50-MK2	50	98	17.780	55	32.5	—	36	30	—	2
50-MK3	50	98	23.825	58	35	—	36	30	—	3
50-MK4	50	98	31.267	68	35	—	50	30	18	4
50-MK5	50	98	44.399	75	35	—	168	30	—	5
60-MK2	60	123	17.780	58	42.5	—	36	30	—	2
60-MK3	60	123	23.825	58	42.5	—	36	30	—	3
60-MK4	60	123	31.267	68	42.5	—	50	30	—	4
60-MK5	60	123	44.399	98	42.5	—	63	30	32	5

Z2型保护盖 PROTECTIVE COVER



订单号 order No.	d1	d2	h1	l1	l2
Z2-16S	16	40	18	45	13
Z2-20S	20	50	23	56	16
Z2-30S	2	68	28	71	16
Z2-40S	40	83	32.5	83	20
Z2-50S	50	98	35	98	20
Z2-60S	60	123	42.5	114	20

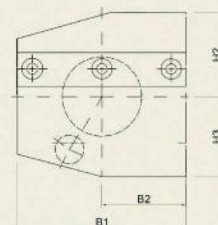
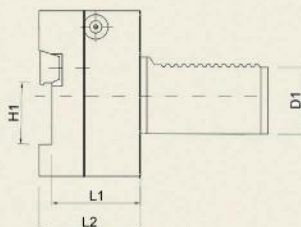
测试检测棒 VDI TEST BAR



订单号 order No.	d1	d3	d6	l1	l3
16×30×120	16	30	40	120	15
20×40×150	20	40	50	150	15
25×40×150	25	40	58	150	15
30×40×200	30	40	68	200	15
40×40×200	40	40	83	200	15
50×40×200	50	40	98	200	15
60×40×200	60	40	123	200	15

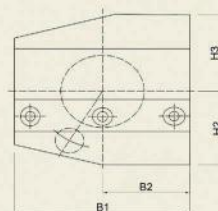
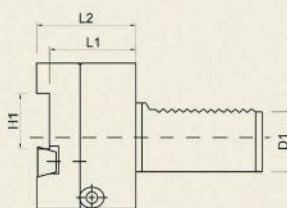
One-stop shop/OEM

AR 型切断刀架 TOOL HOLDER FOR CUT OFF TOOLS ADJUSTABLE IN HEIGHT, UPSIDE-DOWN, RIGHT



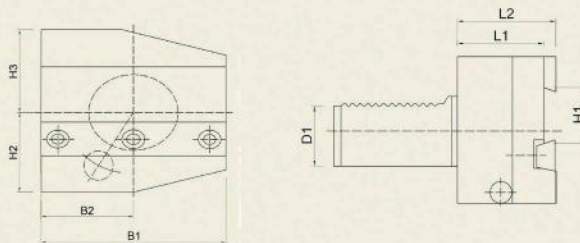
订单号 order No.	d1	H1	B1	B2	h2	h3	l1	l2
AR-30×26	30	26	70	35	32	39	44	50
AR-40×26	40	26	85	42.5	43	41.5	44	50
AR-40×32	40	32	85	42.5	43	41.5	44	50
AR-50×26	50	26	100	50	43	45	44	50
AR-50×32	50	32	100	50	43	45	44	50
AR-60×32	60	32	125	62.5	48	55	44	50

ARU 型切断刀架 TOOL HOLDER FOR CUT OFF TOOLS ADJUSTABLE IN HEIGHT, UPSIDE-DOWN, RIGHT



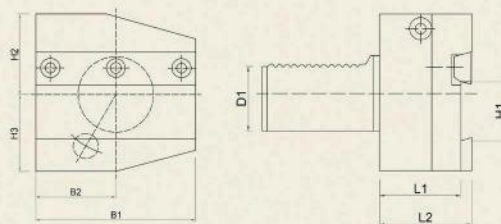
订单号 order No.	d1	H1	B1	B2	h2	h3	l1	l2
ARU-30×26	30	26	70	35	35	38	44	50
ARU-40×26	40	26	85	42.5	41.5	43	44	50
ARU-40×32	40	32	85	42.5	41.5	43	44	50
ARU-50×26	50	26	100	50	45	43	44	50
ARU-50×32	50	32	100	50	45	43	44	50
ARU-60×32	60	32	125	62.5	55	48	44	50

ALU型切断刀架 TOOL HOLDER FOR CUT OFF TOOLS ADJUSTABLE IN HEIGHT, UPSIDE-DOWN. LEFT



订单号 order No.	d1	H1	B1	B2	h2	h3	l1	l2
ALU-30×26	30	26	70	30	35	38	44	50
ALU-40×26	40	26	85	35	41.5	43	44	50
ALU-40×32	40	32	85	42.5	41.5	43	44	50
ALU-50×26	50	26	100	42.5	45	43	44	50
ALU-50×32	50	32	100	50	45	43	44	50
ALU-60×32	60	32	125	62.5	55	48	44	50

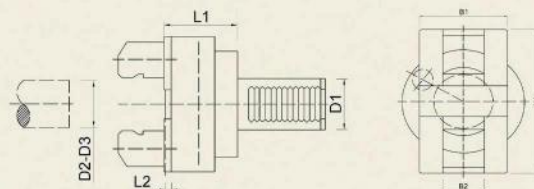
AL型切断刀架 TOOL HOLDER FOR CUT OFF TOOLS ADJUSTABLE IN HEIGHT, LEFT



订单号 order No.	d1	H1	B1	B2	h2	h3	l1	l2
AL-30×26	30	26	70	35	32	39	44	50
AL-40×26	40	26	85	42.5	43	41.5	44	50
AL-40×32	40	32	85	42.5	43	41.5	44	50
AL-50×26	50	26	100	50	43	45	44	50
AL-50×32	50	32	100	50	43	45	44	50
AL-60×32	60	32	125	62.5	48	55	44	50

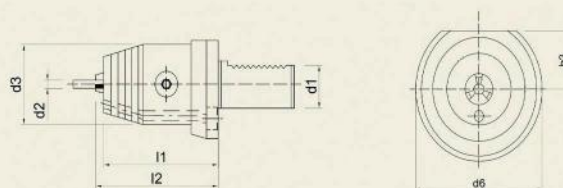
One-stop shop/OEM

棒材拉取器 BAR PULLER



订单号 order No.	d1	d2	d3	B1	B2	H1	L1	L2	L3
ST-20×56	20	6-56	54-100	50	28	72	51	4	46
ST-25×56	25	6-56	54-100	50	28	72	51	4	46
ST-30×56	30	6-56	54-100	50	28	72	51	4	46
ST-40×60	40	10-60	54-100	60	28	110	53	4	48
ST-50×75	50	10-75	62-125	65	28	130	73	5	67

APU型钻头适配刀架ADAPTORS FOR DRILLS WITH INTERNAL COOLANT SUPPLY



订单号 order No.	d1	d2	d3	d6	h3	l1	l2
APU-30×13	30	1-13	57	68	28	82	88
APU-30×16	30	3-16	57	68	28	82	93
APU-40×13	40	1-13	57	83	32.5	85	91
APU-40×16	40	3-16	57	83	32.5	85	96
APU-50×13	50	1-13	57	98	35	85	91
APU-50×16	50	3-16	57	98	35	85	96

主轴拉力计 SPINDLE FORCE GAUGE

VDI 尺柄

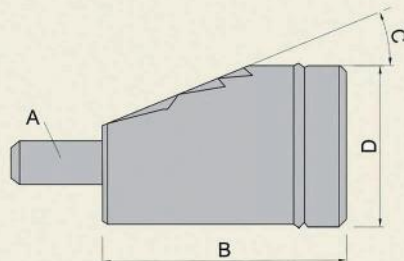
VDI TOOL HOLDER



订单号 order No.	建议Min拉力/KN	拉力计测力范围/KN
SK30/BT30	4.5	1-18
D-BT30	4.5	1-18
SK40/BT40	8.5	2-18
D-BT40	8.5	2-18
SK50/BT50	18	5-45
D-BT50	18	5-45
HSK32	5	0-18
HSK40	6.8	0-45
HSK50	11	0-45
HSK63	18	0-45
HSK80	28	0-90
HSK100	45	0-90

One-stop shop/OEM

VDI刀座锁紧销 VDI HOLDER LOCK PIN WITH INTERNAL COOLANT SUPPLY



订单号 order No.	A	B	C	D
VDI16/W-16	M5	22	20	16
VDI20/W-18	M6	28	20	18
VDI30/W-22	M8	34	20	22
VDI40/W-28	M10	42	20	28
VDI40/W-40	M10	44	20	40
VDI50/W-36	M10	48	25	36
VDI50/W-50	M12	56	25	50
VDI60/W-42	M12	54	25	42
VDI80/W-50	M16	70	25	50

马扎克刀套 MAZAK



VDI 动力刀座

VDI POWER TOOL HOLDER

DIN 1809



VDI30-1809-ER25-0°



VDI40-1809-ER32-0°



VDI30-1809-ER25-90°



VDI40-1809-ER32-90°

VDI30-1809-ER25-90° 后缩式
Backward contraction type

VDI40-1809-ER32-90°后缩式
Backward contraction type

DIN 5480



VDI30-5480-ER25-0°



VDI40-5480-ER32-0°



VDI30-5480-ER25-90°

VDI40-5480-ER32-90°



VDI30-5480-ER25-90°后缩式
Backward contraction type

VDI40-5480-ER32-90°后缩式
Backward contraction type

VDI30-5480-ER25-偏心式
Eccentric type
VDI40-5480-ER32-偏心式
Eccentric type

DIN 5482



VDI30-5482-ER25-0°

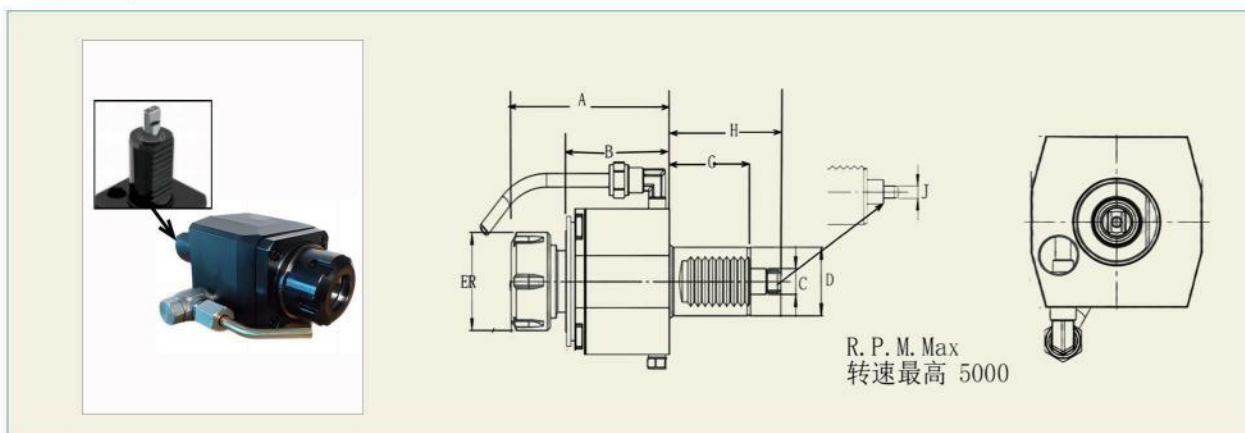


VDI40-5482-ER32-0°

VDI30-5482-ER25-90°

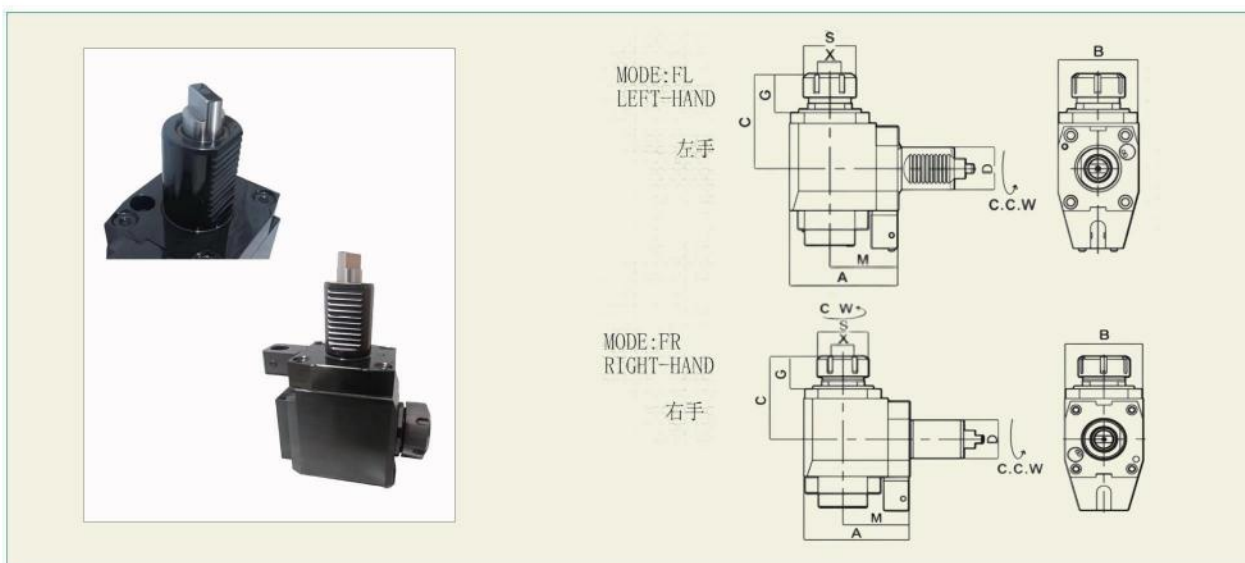
VDI40-5482-ER32-90°

轴向动力刀座 AXIAL TOOL HOLDER (0°)-DIN 1809



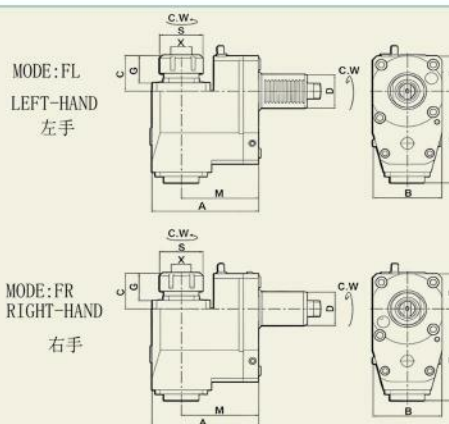
MODEL	A	B	C	D	ER	H	G	J
30-1809-ER25	88	60	11.5	30	25	67	45	6
40-1809-ER32	92	55	18	40	32	72	51	8
50-1809-ER40	116	90	25	50	40	88	65	12.8

径向钻铣刀座 RADIAL MILLING AND DRILLING HEADS-FORWARD (90°)-DIN 1809



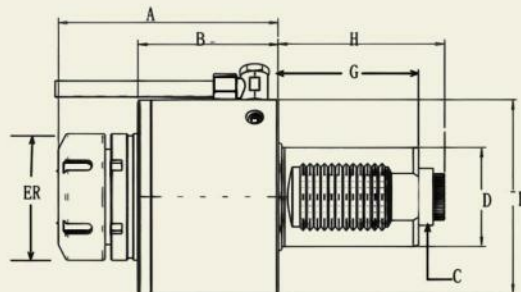
型号 Model	XCapacit y	S	MaximumR. P. M	I	A	B	C	G	M	PDIN1809
30-1809-ER25	1-16ER25	42	4000	1: 1	87	64	80	30	55	6X12
30-1809-ER25	1-16ER25	42	4000	1: 1	114	64	80	30	85	6X12
40-1809-ER32	2-20ER32	50	5000	1: 1	103	76	90	34	65	8X20
40-1809-ER32	2-20ER32	50	5000	1: 1	123	76	90	34	85	8X20
50-1809-ER40	3-6ER40	63	5000	1: 1	123	88	118	51	75	12.8x25

径向钻铣刀座-后缩型 RADIAL DRILLING AND MILLING HEADS SET BACK (90°) -DIN 1809



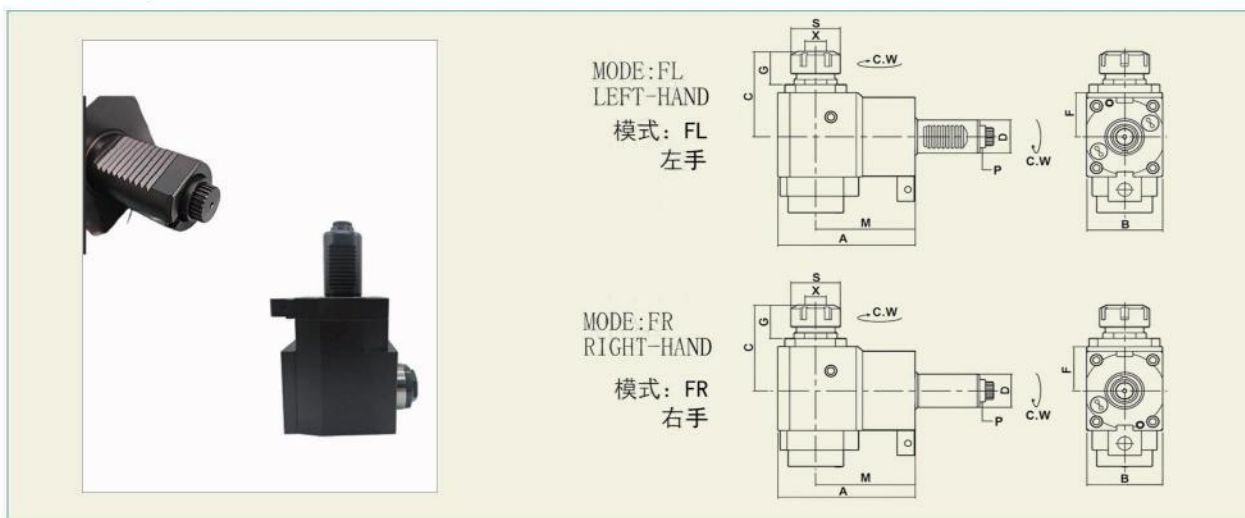
型号Model	XCapacity	S	MaximumR . P. M	I	A	B	C	E	F	G	M	PDIN 5480
30-1809-ER25	1-16-ER25	42	5000	1:1	96	62	44.0	98.0	32.0	30.0	69	6x12
40-1809-ER32	2-20-ER32	50	5000	1:1	125	80	48	130	42	37	90	8x20

轴向动力刀座 AXIAL TOOL HOLDER (0°) -DIN 5480



型号 Model	A	B	C	D	ER	E	H	G
30-5480-ER25 (外置)	100	68	W16*0.8	30	25	68	67	55
30-5480-ER25 (内置)	80	68	W16*0.8	30	25	68	67	55
40-5480-ER32 (外置)	95	62	W20*0.8	40	32	78	75	63
40-5480-ER32 (内置)	99	77	W20*0.8	40	32	78	75	63
50-5480-ER40 (外置)	119	80	W24*1.25	50	40	102	93	78
50-5480-ER40 (内置)	122	102	W24*1.25	50	40	88	93	78

径向钻铣刀座 RADIAL MILLING AND DRILLING HEADS-FORWARD (90°)-DIN 5480



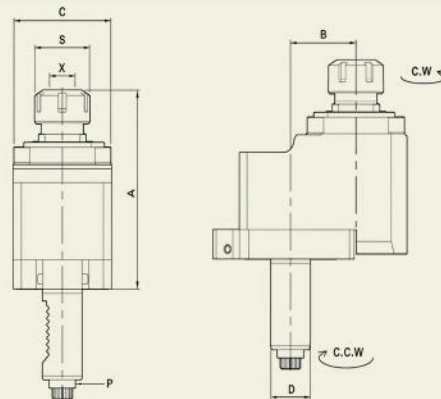
型号Model	XCapacity	S	Maximum R. P. M	I	A	B	C	F	G	M	PDIN5480
30-5480-ER25	1-16ER25	42	4000	1:1	87	64	77.5	36	30	55	W16X0.8
30-5480-ER25	1-16ER25	42	4000	1:1	117	64	77.5	36	30	85	W16X0.8
30-5480-ER25	1-16ER25	42	4000	1:1	132	64	77.5	36	30	100	W16X0.8
40-5480-ER32	2-20ER32	50	5000	1:1	103	76	89.5	40	36.5	65	W20X0.8
40-5480-ER32	2-20ER32	50	5000	1:1	123	76	89.5	40	36.5	85	W20X0.8
40-5480-ER32	2-20ER32	50	5000	1:1	138	76	89.5	40	36.5	100	W20X0.8

径向钻铣刀座-后缩型 RADIAL DRILLING AND MILLING HEADS-SET BACK (90°)-DIN 5480



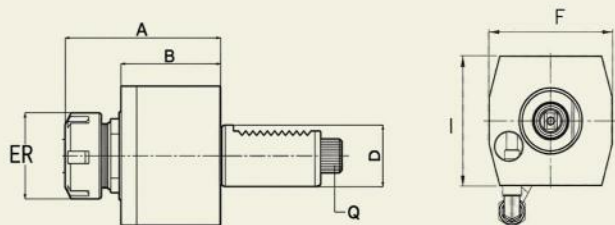
型号 Model	XCapacity	S	Maximum R. P. M	I	A	B	C	E	F	G	M	P DIN5480
30-5480-ER25	1-16ER25	42	5000	1:1	95	60	41.5	75.5	31.5	28.5	72	W16x0.8
40-5480-ER32	2-20ER32	50	5000	1:1	124	80	44	110	42	34	90	W20x0.8

轴向动力刀座-偏心式 AXIAL TOOL HOLDER-ECCENTRIC TYPE (0°)-DIN 5480



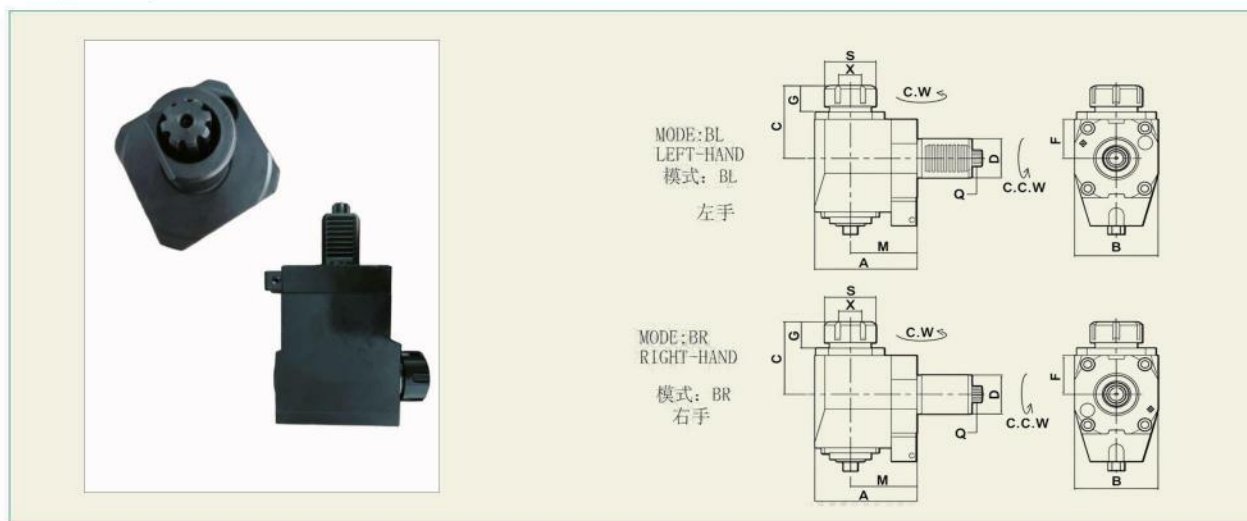
型号Model	XCapacity	S	Maximum R. P. M	I	A	B	C	D	P DIN 5480
30-5480-ER25	1-16 ER25	42	4000	1:1	100	50	75	30	W16x0.8
40-5480-ER32	2-20 ER32	50	4000	1:1	125	50	75	40	W20x0.8

轴向动力刀座 AXIAL TOOL HOLDER (0°)-DIN 5482



型号Model	A	B	D	ER	F	I	Q
30-5482-ER25	84	54	30	25	62	62	W14X8
40-5482-ER32	108.5	75	40	32	86	86	W20X8

径向钻铣刀座 RADIAL MILLING AND DRILLING HEADS-FORWARD (90°)-DIN 5482



型号 Model	XCapacity	S	MaximumR. P. M	I	A	B	C	F	G	M	P DIN5482
30-5482-ER25	1-16ER25	42	4000	1:1	87	64	72.5	42.5	30	55	W14X8
30-5482-ER25	1-16ER25	42	4000	1:1	114	64	72.5	42.5	30	85	W14X8
40-5482-ER32	2-20ER32	50	5000	1:1	103	76	89.5	40	36.5	65	W20X8
40-5482-ER32	2-20ER32	50	5000	1:1	123	76	89.5	40	36.5	85	W20X8

PROVIDE FIXED TOOL HOLDERS F
FOR VARIOUS GLOBAL BRAND
TURNING CENTERS



阻尼抗震系列
DAMPING SEISMIC SERIES



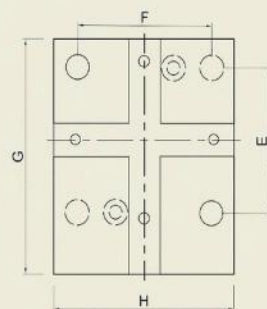
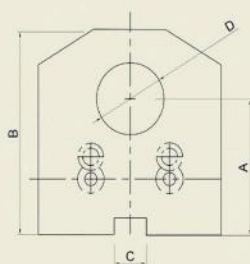
VDI系列
VDI SERIES



BMT系列
BMT SERIES

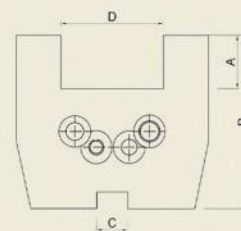
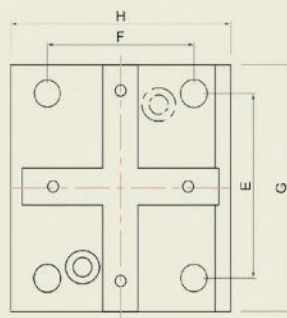


BMT40/45/55/65/75固定刀座 FIXED TOOL HOLDER



型号 MODEL	A	B	C	D	E	F	G	H	N.W.(KG)
BMT40 25 60	60	83	12	25	60	50	94	63	3.2
BMT40 25 85	85	108	12	25	60	50	94	63	3
BMT40 32 60	60	83	12	32	60	50	94	63	3.5
BMT45 32 65	65	88	15	32	58	58	95	75	3.5
BMT55 32 60	60	97	15	32	64	64	105	86	5.1
BMT55 40 85	85	115	15	40	64	64	105	86	4.9
BMT65 40 72	72	107	18	40	70	73	127	95	5.7
BMT75 60 90	60	110	25	60	90	90	173	112	9.6

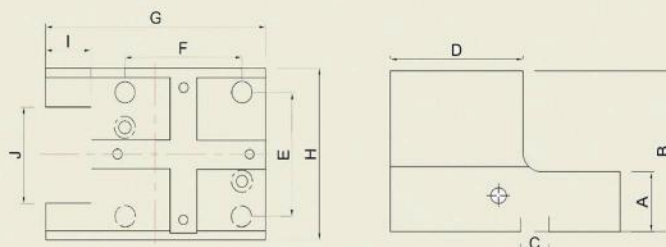
BMT40/45/55/65/75固定刀座 FIXED TOOL HOLDER



型号 MODEL	A	B	C	D	E	F	G	H	N.W.(KG)
BMT40 20 45	20	65	12	40	60	50	81	75	2.7
BMT45 25 60	25	85	15	50	58	58	86	90	3
BMT55 25 60	25	85	15	50	64	64	95	95	3.8
BMT65 25 75	25	100	18	50	70	73	110	98	5.3
BMT65 32 100	32	100	18	64	70	73	110	98	5.6
BMT75 40 115	40	115	25	80	90	90	126	130	10.6

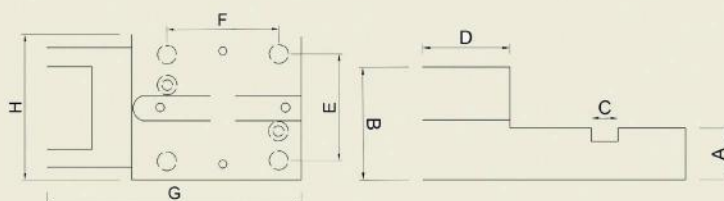
One-stop shop/OEM

BMT40/45/55/65/75固定刀座 FIXED TOOL HOLDER



型号 MODEL	A	B	C	D	E	F	G	H	I	J	N.W.(KG)
BMT40 20 55	20	55	12	58	50	60	97	75	97	75	2.2
BMT45 25 80	40	80	15	67	58	58	110	85	110	85	3.2
BMT55 25 80	40	80	15	70	64	64	120	95	120	95	3.8
BMT65 25 80	40	80	18	70	73	70	130	98	130	98	4.7
BMT65 32 100	40	100	18	77	73	70	137	98	137	98	5.1
BMT75 40 100	40	100	25	85	90	90	157	130	157	130	7.2

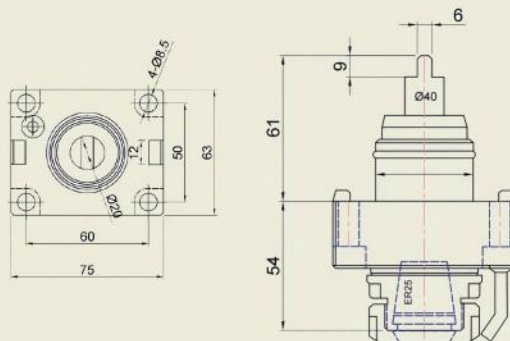
BMT40/45/55/65/75固定刀座 FIXED TOOL HOLDER



型号 MODEL	A	B	C	D	E	F	G	H	N.W.(KG)
BMT40 20 55	20	55	12	48	50	65	145	75	1.8
BMT45 25 80	25	55	15	48	58	58	145	85	3.2
BMT55 25 80	30	60	15	48	64	64	145	95	3.8
BMT65 25 80	30	75	18	48	73	70	130	98	4.7
BMT65 32 100	30	75	18	55	73	70	137	98	6.1
BMT75 40 100	40	80	20	63	90	90	157	130	7.2

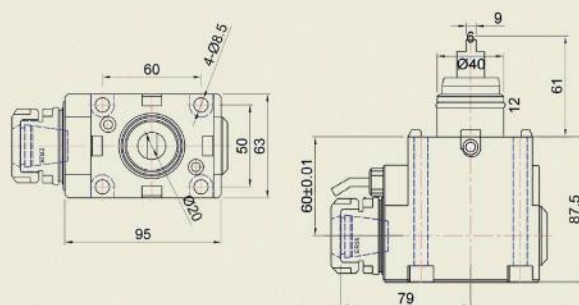
One-stop shop/OEM

BMT40/0/ER25动力刀座 POWER TOOL HOLDER



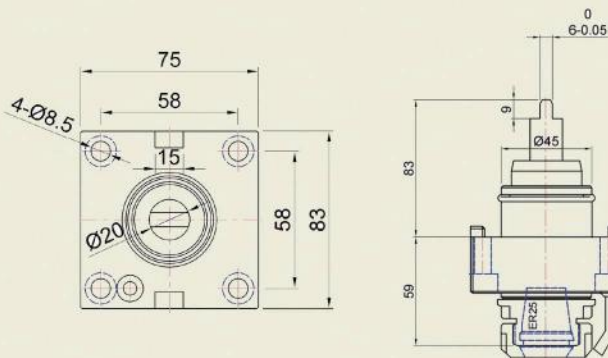
型号 MODEL	同心度 CONCENTRICITY	转速/每分钟 r/min	扭矩能力 MAX TORQUE	最大切削深度 MAX CUTTING DEPTH	最大切削速度 MAX CUTTING SPEED	筒夹规格 ER COLLET	噪音 NOISE AT 3000 RPM
BMT40/0/ER25	≤ 0.005	≤ 6000	$\leq 98\text{N}\cdot\text{m}$	$\leq 8\text{mm}$	$\leq \text{F}3000$	ER25	$\leq 70\text{dB(A)}$

BMT40/90/ER25动力刀座 POWER TOOL HOLDER



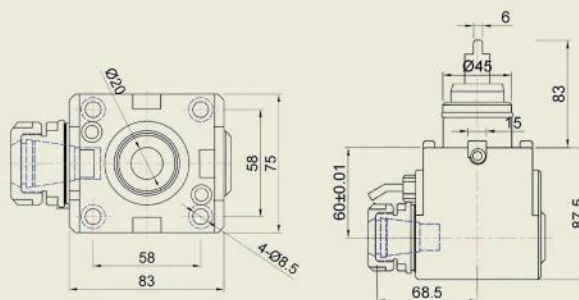
型号 MODEL	同心度 CONCENTRICITY	转速/每分钟 r/min	扭矩能力 MAX TORQUE	最大切削深度 MAX CUTTING DEPTH	最大切削速度 MAX CUTTING SPEED	筒夹规格 ER COLLET	噪音 NOISE AT 3000 RPM
BMT40/90/ER25	≤ 0.005	≤ 6000	$\leq 98\text{N}\cdot\text{m}$	$\leq 8\text{mm}$	$\leq \text{F}3000$	ER25	$\leq 80\text{dB(A)}$

BMT45/0/ER25动力刀座 POWER TOOL HOLDER



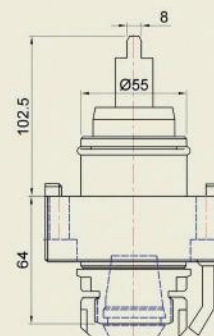
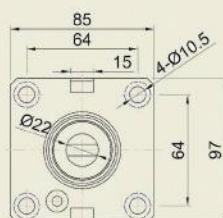
型号 MODEL	同心度 CONCENTRICITY	转速/每分钟 r/min	扭矩能力 MAX TORQUE	最大切削深度 MAX CUTTING DEPTH	最大切削速度 MAX CUTTING SPEED	筒夹规格 ER COLLET	噪音 NOISE AT 3000 RPM
BMT45/0/ER25	≤ 0.005	≤ 6000	$\leq 98\text{N}\cdot\text{m}$	$\leq 8\text{mm}$	$\leq F3000$	ER25	$\leq 70\text{dB(A)}$

BMT45/90/ER25动力刀座 POWER TOOL HOLDER



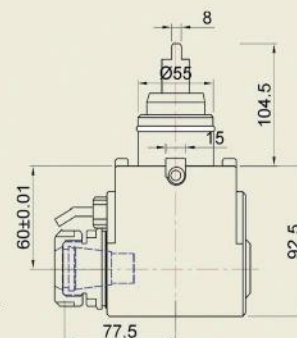
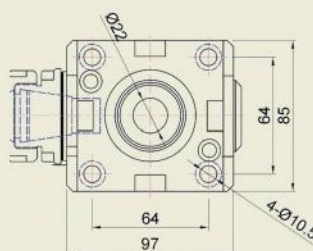
型号 MODEL	同心度 CONCENTRICITY	转速/每分钟 r/min	扭矩能力 MAX TORQUE	最大切削深度 MAX CUTTING DEPTH	最大切削速度 MAX CUTTING SPEED	筒夹规格 ER COLLET	噪音 NOISE AT 3000 RPM
BMT45/90/ER25	≤ 0.005	≤ 6000	$\leq 98\text{N}\cdot\text{m}$	$\leq 8\text{mm}$	$\leq F3000$	ER25	$\leq 80\text{dB(A)}$

BMT55/0/ER32动力刀座 POWER TOOL HOLDER



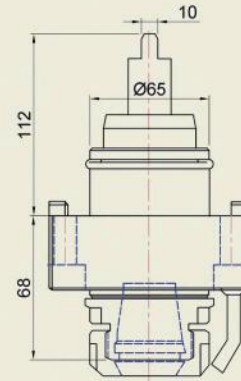
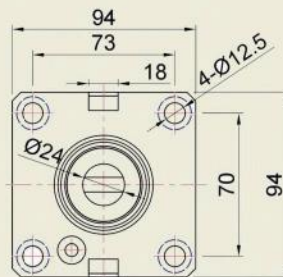
型号 MODEL	同心度 CONCENTRICITY	转速/每分钟 r/min	扭矩能力 MAX TORQUE	最大切削深度 MAX CUTTING DEPTH	最大切削速度 MAX CUTTING SPEED	筒夹规格 ER COLLET	噪音 NOISE AT 3000 RPM
BMT55/0/ER32	≤0.005	≤6000	≤120N.m	≤10mm	≤F4000	ER32	≤70dB(A)

BMT55/90/ER32动力刀座 POWER TOOL HOLDER



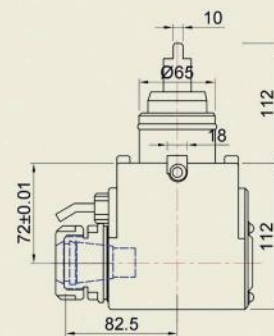
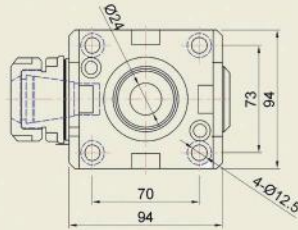
型号 MODEL	同心度 CONCENTRICITY	转速/每分钟 r/min	扭矩能力 MAX TORQUE	最大切削深度 MAX CUTTING DEPTH	最大切削速度 MAX CUTTING SPEED	筒夹规格 ER COLLET	噪音 NOISE AT 3000 RPM
BMT55/90/ER32	≤0.005	≤6000	≤120N.m	≤10mm	≤F4000	ER32	≤80dB(A)

BMT65/0/ER40动力刀座 POWER TOOL HOLDER



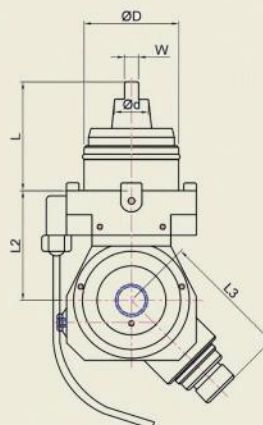
型号 MODEL	同心度 CONCENTRICITY	转速/每分钟 r/min	扭矩能力 MAX TORQUE	最大切削深度 MAX CUTTING DEPTH	最大切削速度 MAX CUTTING SPEED	筒夹规格 ER COLLET	噪音 NOISE AT 3000 RPM
BMT65/0/ER40	≤0.005	≤6000	≤120N.m	≤10mm	≤F4000	ER32	≤70dB(A)

BMT65/90/ER40动力刀座 POWER TOOL HOLDER



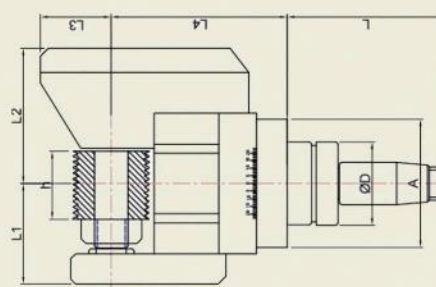
型号 MODEL	同心度 CONCENTRICITY	转速/每分钟 r/min	扭矩能力 MAX TORQUE	最大切削深度 MAX CUTTING DEPTH	最大切削速度 MAX CUTTING SPEED	筒夹规格 ER COLLET	噪音 NOISE AT 3000 RPM
BMT65/90/ER40	≤0.005	≤6000	≤120N.m	≤10mm	≤F4000	ER32	≤80dB(A)

BMT40-65W万向动力刀座 POWER TOOL HOLDER



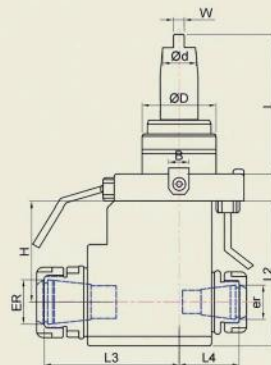
型号 MODEL	ØD	B	W	L	L2	L3	Ød	转速比 SPEED RATIO	最大摆角 MAX. ANGLE	同心度 CONCENTRICITY	转速/每分钟 r/min	固定螺栓 FIXING SCREW	螺栓孔距 HOLE SPACING
BMT40W/ER16	40	12	6	61	56	75	20	1:1	±90°	≤0.005	≤6000	4-M8	50*60
BMT45W/ER16	45	15	6	83	61	75	20	1:1	±90°	≤0.005	≤6000	4-M8	58*58
BMT55W/ER20	55	15	8	102.5	56	77	22	1:1	±90°	≤0.005	≤6000	4-M10	64*64
BMT65W/ER20	65	18	10	112	56	77	24	1:1	±90°	≤0.005	≤6000	4-M12	70*73

BMT40-65GC滚齿动力刀座 POWER TOOL HOLDER



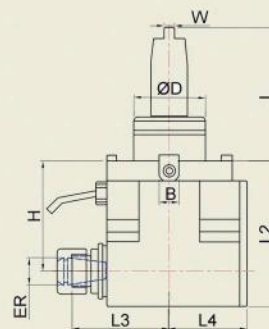
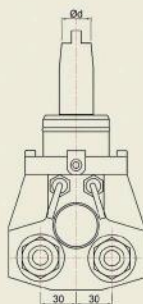
型号 MODEL	ØD	L	L1	L2	L3	L4	Ød	Ød1	h	A	减速比 REDUCTION RATIO	最大加工 模数 MAX. MODULE	最大加工直径 MAX. DIAMETER	固定螺栓 FIXING SCREW	螺栓孔距 HOLE SPACING
BMT40GC	40	61	46.5	61.5	31.5	101.25	13	32-35	25-30	63	2:1	m 1.5	≤85	4-M8	50*60
BMT45GC	45	83	56.5	69.5	31.5	101.25	13	32-35	25-30	75	2:1	m 2.0	≤125	4-M8	58*58
BMT55GC	55	102.5	66.5	89.5	47	116.5	22	50-55	45-50	85	2:1	m 2.5	≤220	4-M10	64*64
BMT65GC	65	112	66.5	89.5	47	116.5	22	50-55	45-50	94	2:1	m 3.0	≤220	4-M12	73*70

BMT40-65LR/90° 左右双出动力刀座 LEFT AND RIGHT DOUBLE POWER TOOL HOLDER



型号 MODEL	ØD	B	W	L	L2	L3	L4	ER	er	H	噪音 NOISE AT 2500 RPM	转速/每分钟 r/min	固定螺栓 FIXING SCREW	螺栓孔距 HOLE SPACING
BMT40LR-75H/ER20	40	12	6	61	117.5	103.5	43.5	20	20	75	≤80dB(A)	≤6000	4-M8	50*60
BMT45LR-85H/ER25	45	15	6	83	117.5	103.5	43.5	25	25	85	≤80dB(A)	≤6000	4-M8	58*58
BMT55LR-85H/ER32-25	55	15	8	102.5	117.5	112.5	43.5	32	25	85	≤80dB(A)	≤6000	4-M10	64*64
BMT65LR-85H/ER32-25	65	18	10	112	117.5	112.5	43.5	32	25	85	≤80dB(A)	≤6000	4-M12	73*70

BMT40-65UL/90° 上下双出动力刀座 UPPER AND LOWER DOUBLE POWER TOOL HOLDER



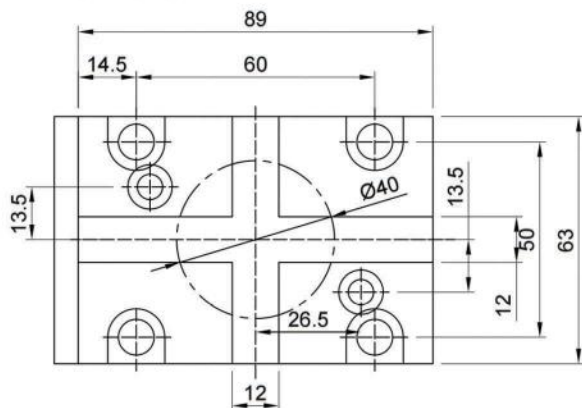
型号 MODEL	ØD	B	W	L	L2	L3	L4	Ød	ER	H	噪音 NOISE AT 2500 RPM	转速/每分钟 r/min	固定螺栓 FIXING SCREW	螺栓孔距 HOLE SPACING
BMT40UL-90° /ER16	40	12	6	61	110	72	50	20	16	85	≤80dB(A)	≤6000	4-M8	50*60
BMT45UL-90° /ER16	45	15	6	83	110	72	50	20	16	85	≤80dB(A)	≤6000	4-M8	58*58
BMT55UL-90° /ER20	55	15	8	102.5	112	76	60.5	22	20	85	≤80dB(A)	≤6000	4-M10	64*64
BMT65UL-90° /ER25	65	18	10	112	112	76	60.5	24	25	85	≤80dB(A)	≤6000	4-M12	73*70

BMT刀座接口尺寸

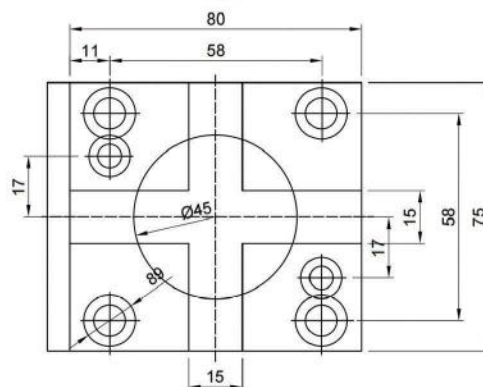
BMT Размер интерфейса
BMT The size of interface

Application: DOOSAN/DAEWOO/HWACHON

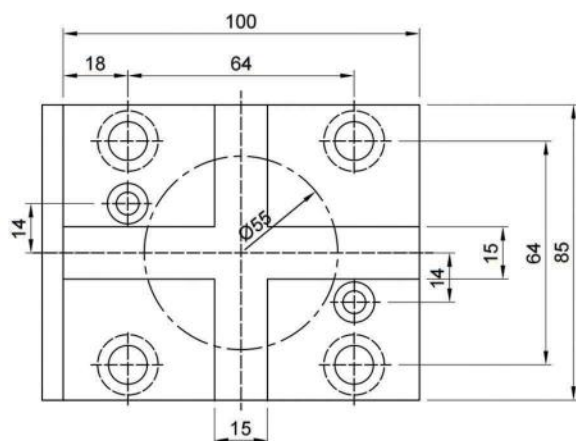
BMT40



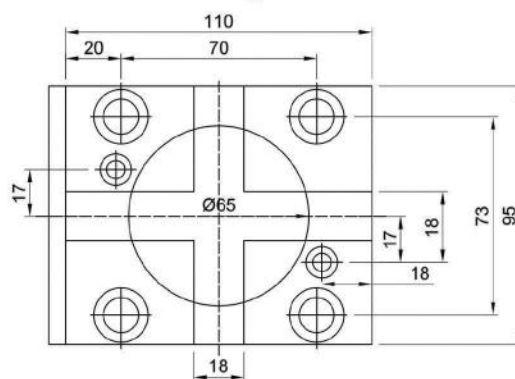
BMT45



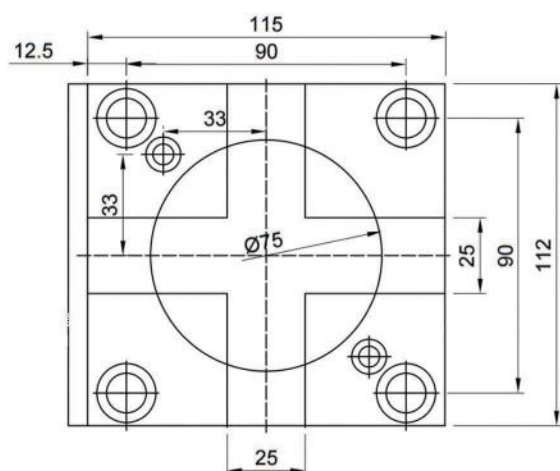
BMT55



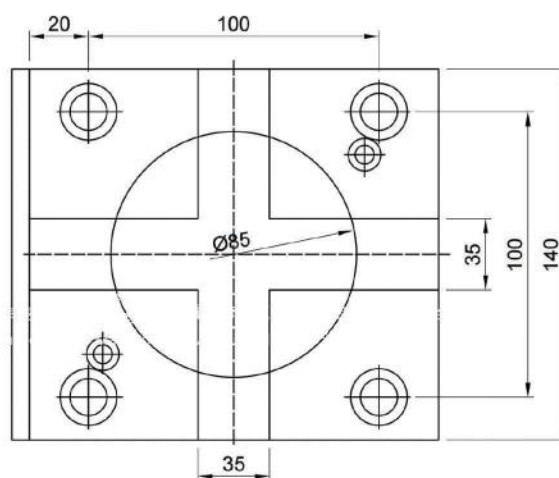
BMT65



BMT75



BMT85

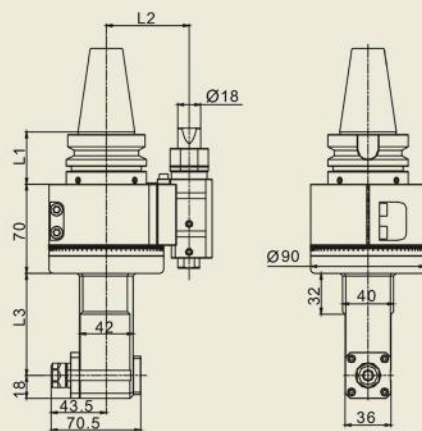


ANGLE HEAD

角度铣头



AG90-ER11 SERIES

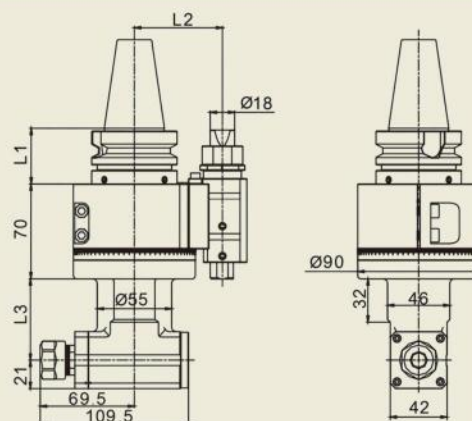


OPTIONAL TOOL HOLDER MODELS: BT, NT, CAT, DAT, HSK



MODEL	OUT PUT	L1	L2	L3	POWER	RPM _{max}	T _{max}	GR
AG90-ER11-80	ER11	41/48	65/80	80	1KW	4500RPM	6NM	1:1
AG90-ER11-140	ER11	41/48	65/80	140	1KW	4500RPM	6NM	1:1
AG90-ER11-200	ER11	41/48	65/80	200	1KW	4500RPM	6NM	1:1

AG90-ER16 SERIES

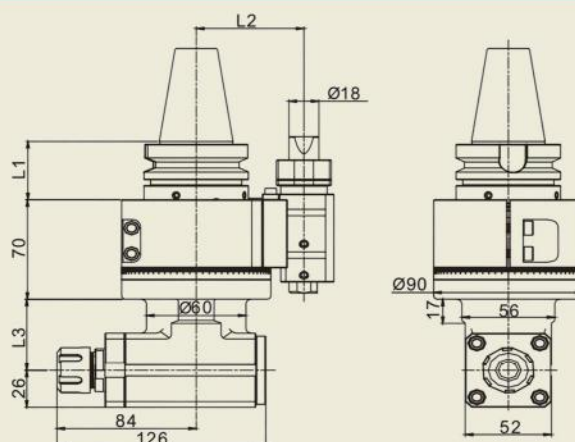


OPTIONAL TOOL HOLDER MODELS: BT, NT, CAT, DAT, HSK



MODEL	OUT PUT	L1	L2	L3	POWER	RPM _{max}	T _{max}	GR
AG90-ER16-60	ER16	41/48	65/80	60	1.5KW	4500RPM	6NM	1:1
AG90-ER16-120	ER16	41/48	65/80	120	1.5KW	4500RPM	6NM	1:1
AG90-ER16-180	ER16	41/48	65/80	180	1.5KW	4500RPM	6NM	1:1

AG90-ER20 SERIES

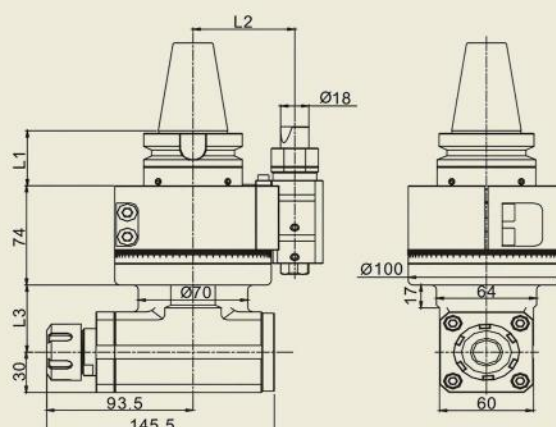


OPTIONAL TOOL HOLDER MODELS: BT、NT、CAT、DAT、HSK



MODEL	OUT PUT	L1	L2	L3	POWER	RPM _{max}	T _{max}	GR
AG90-ER20-50	ER20	41/48	65/80	50	2KW	4000RPM	16NM	1:1
AG90-ER20-110	ER20	41/48	65/80	110	2KW	4000RPM	16NM	1:1
AG90-ER20-170	ER20	41/48	65/80	170	2KW	4000RPM	16NM	1:1

AG90-ER25 SERIES



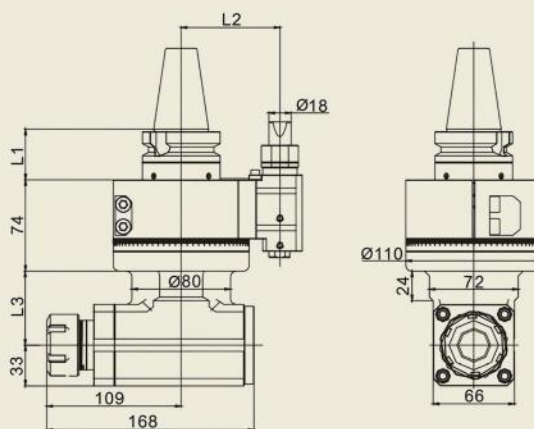
OPTIONAL TOOL HOLDER MODELS: BT、NT、CAT、DAT、HSK



MODEL	OUT PUT	L1	L2	L3	POWER	RPM _{max}	T _{max}	GR
AG90-ER25-50	ER25	41/48	65/80	50	3KW	4000RPM	32NM	1:1
AG90-ER25-110	ER25	41/48	65/80	110	3KW	4000RPM	32NM	1:1
AG90-ER25-170	ER25	41/48	65/80	170	3KW	4000RPM	32NM	1:1

One-stop shop/OEM

AG90-ER32 SERIES

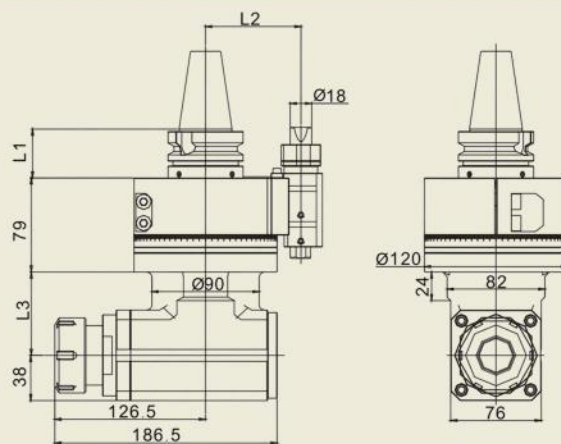


OPTIONAL TOOL HOLDER MODELS: BT, NT, CAT, DAT, HSK

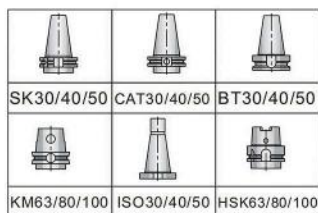


MODEL	OUT PUT	L1	L2	L3	POWER	RPM _{max}	T _{max}	GR
AG90-ER32-60	ER32	41/48	80/110	60	4KW	3500RPM	40NM	1:1
AG90-ER32-130	ER32	41/48	80/110	130	4KW	3500RPM	40NM	1:1
AG90-ER32-200	ER32	41/48	80/110	200	4KW	3500RPM	40NM	1:1

AG90-ER40 SERIES

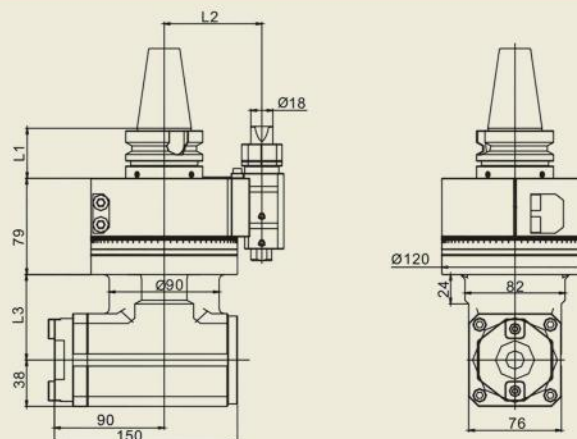


OPTIONAL TOOL HOLDER MODELS: BT, NT, CAT, DAT, HSK



MODEL	OUT PUT	L1	L2	L3	POWER	RPM _{max}	T _{max}	GR
AG90-ER40-70	ER40	41/48	80/110	70	6KW	3000RPM	75NM	1:1
AG90-ER40-150	ER40	41/48	80/110	150	6KW	3000RPM	75NM	1:1
AG90-ER40-230	ER40	41/48	80/110	230	6KW	3000RPM	75NM	1:1

AG90-BT30 SERIES

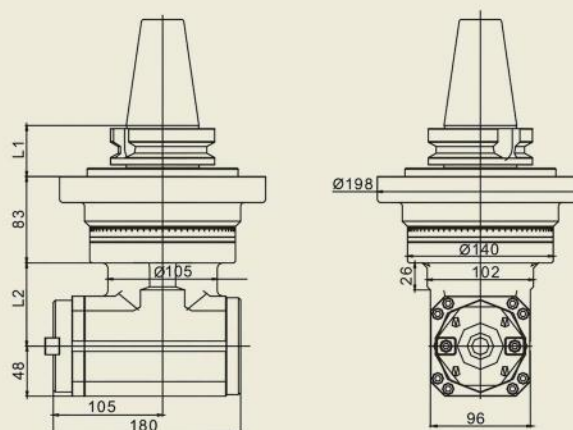


OPTIONAL TOOL HOLDER MODELS: BT, NT, CAT, DAT, HSK



MODEL	OUT PUT	L1	L2	L3	POWER	RPM _{max}	T _{max}	GR
AG90-BT30-70	BT30	41/48	80/110	70	6KW	3500RPM	75NM	1:1
AG90-BT30-150	BT30	41/48	80/110	150	6KW	3500RPM	75NM	1:1
AG90-BT30-230	BT30	41/48	80/110	230	6KW	3500RPM	75NM	1:1

AG90-BT40 SERIES



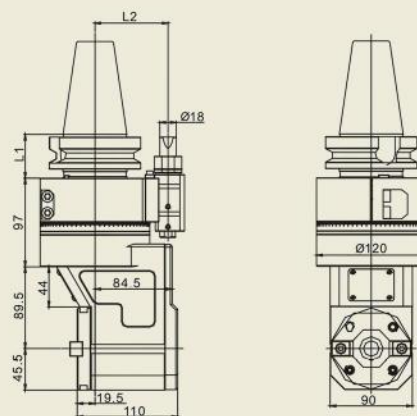
OPTIONAL TOOL HOLDER MODELS: BT, NT, CAT, DAT, HSK



MODEL	OUT PUT	L1	L2	POWER	RPM _{max}	T _{max}	GR
AG90-BT40-80	BT40	41/48	80	6KW	3000RPM	100NM	1:1
AG90-BT40-160	BT40	41/48	160	6KW	3000RPM	100NM	1:1
AG90-BT40-240	BT40	41/48	240	6KW	3000RPM	100NM	1:1

One-stop shop/OEM

AGB-BT40 SERIES

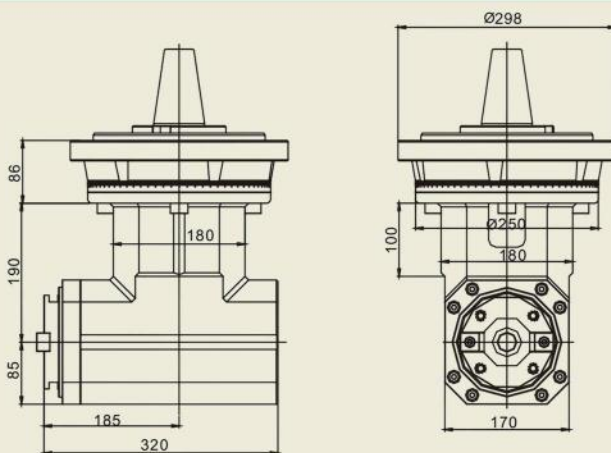


OPTIONAL TOOL HOLDER MODELS: BT, NT, CAT, DAT, HSK



MODEL	OUT PUT	L1	L2	POWER	RPM _{max}	T _{max}	GR
AGB-BT40	BT40	41/48	65/80	8NM	2500RPM	90NM	1:1

AG90-BT50 SERIES



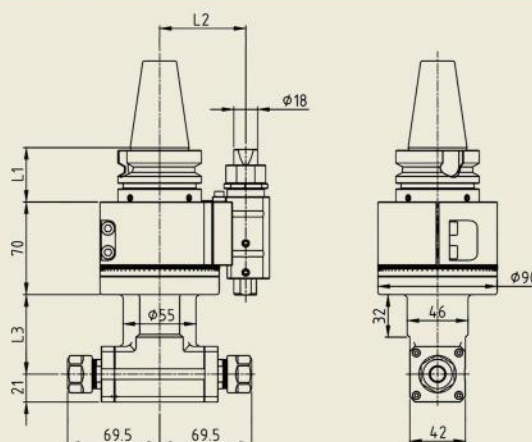
THIS SERIES OF PRODUCTS IS ONLY AVAILABLE WITH FLANGE CONNECTION.

OPTIONAL TOOL HOLDER MODELS: BT, NT, CAT, DAT, HSK



MODEL	OUT PUT	POWER	RPM _{max}	T _{max}	GR
AG90-BT50	BT50	12NM	2000RPM	200NM	1:1

AG90-ER16×2 SERIES

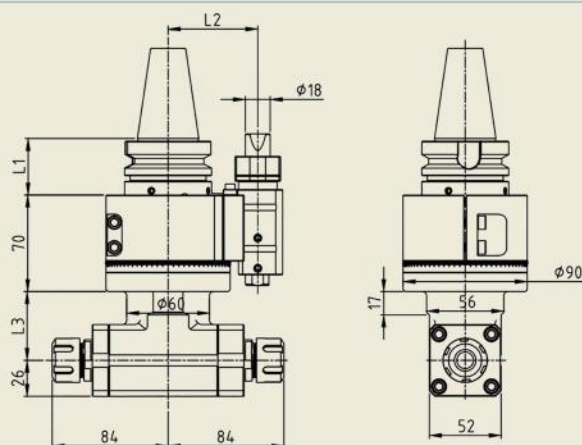


OPTIONAL TOOL HOLDER MODELS: BT、NT、CAT、DAT、HSK

SK30/40/50	CAT30/40/50	BT30/40/50
KM63/80/100	ISO30/40/50	HSK63/80/100

MODEL	OUT PUT	L1	L2	L3	POWER	RPM _{max}	T _{max}	GR
AG90-ER16x2-60	ER16	41/48	65/80	60	1.5KW	4500RPM	12NM	1:1
AG90-ER16X2-120	ER16	41/48	65/80	120	1.5KW	4500RPM	12NM	1:1
AG90-ER16X2-180	ER16	41/48	65/80	180	1.5KW	4500RPM	12NM	1:1

AG90-ER20×2 SERIES



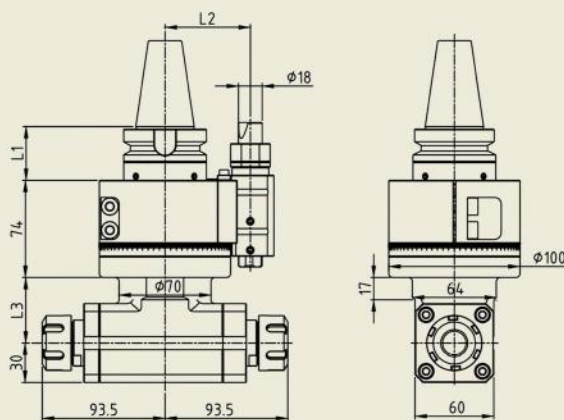
OPTIONAL TOOL HOLDER MODELS: BT、NT、CAT、DAT、HSK

SK30/40/50	CAT30/40/50	BT30/40/50
KM63/80/100	ISO30/40/50	HSK63/80/100

MODEL	OUT PUT	L1	L2	L3	POWER	RPM _{max}	T _{max}	GR
AG90-ER20X2-50	ER20	41/48	65/80	50	2KW	4000RPM	16NM	1:1
AG90-ER20X2-110	ER20	41/48	65/80	110	2KW	4000RPM	16NM	1:1
AG90-ER20X2-170	ER20	41/48	65/80	170	2KW	4000RPM	16NM	1:1

One-stop shop/OEM

AG90-ER25×2 SERIES

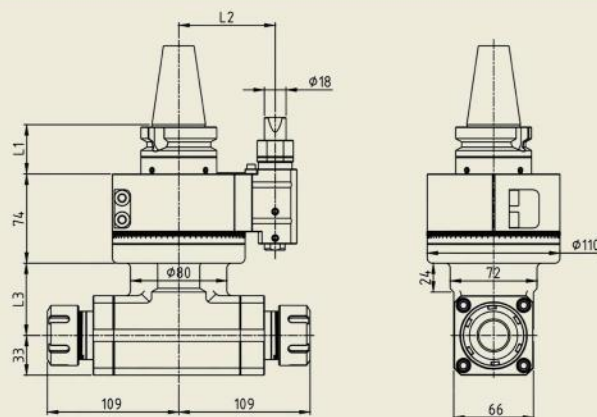


OPTIONAL TOOL HOLDER MODELS: BT, NT, CAT, DAT, HSK



MODEL	OUT PUT	L1	L2	L3	POWER	RPM _{max}	T _{max}	GR
AG90-ER25X2-50	ER25	41/48	65/80	50	3KW	4000RPM	32NM	1:1
AG90-ER25X2-110	ER25	41/48	65/80	110	3KW	4000RPM	32NM	1:1
AG90-ER25X2-170	ER25	41/48	65/80	170	3KW	4000RPM	32NM	1:1

AG90-ER32×2 SERIES

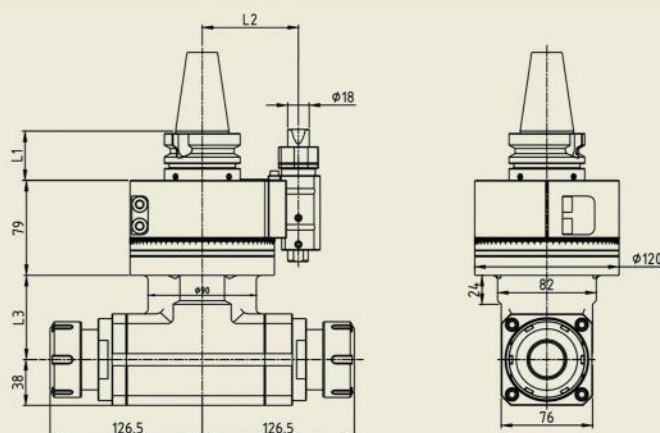


OPTIONAL TOOL HOLDER MODELS: BT, NT, CAT, DAT, HSK



MODEL	OUT PUT	L1	L2	L3	POWER	RPM _{max}	T _{max}	GR
AG90-ER32X2-60	ER32	41/48	80/110	60	4KW	3500RPM	40NM	1:1
AG90-ER32X2-130	ER32	41/48	80/110	130	4KW	3500RPM	40NM	1:1
AG90-ER32X2-200	ER32	41/48	80/110	200	4KW	3500RPM	40NM	1:1

AG90-ER40×2 SERIES

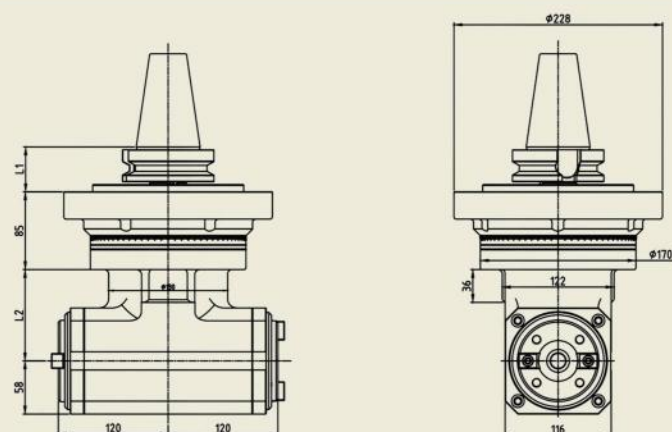


OPTIONAL TOOL HOLDER MODELS: BT、NT、CAT、DAT、HSK



MODEL	OUT PUT	L1	L2	L3	POWER	RPM _{max}	T _{max}	GR
AG90-ER40X2-70	ER40	41/48	80/110	70	6KW	3000RPM	75NM	1:1
AG90-ER40X2-150	ER40	41/48	80/110	150	6KW	3000RPM	75NM	1:1
AG90-ER40X2-230	ER40	41/48	80/110	230	6KW	3000RPM	75NM	1:1

AG90-BT40×2 SERIES



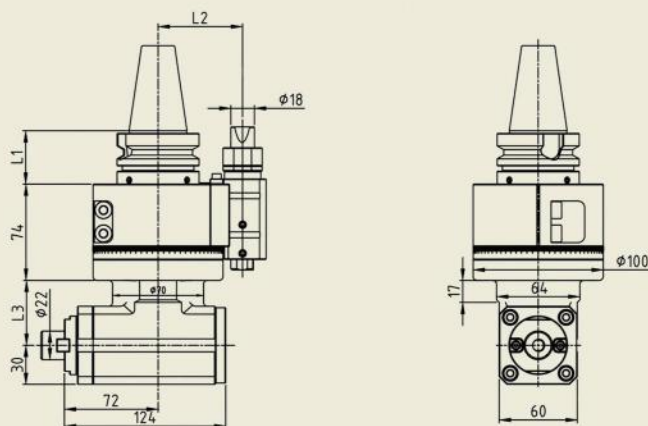
OPTIONAL TOOL HOLDER MODELS: BT、NT、CAT、DAT、HSK



MODEL	OUT PUT	L1	L2	POWER	RPM _{max}	T _{max}	GR
AG90-BT40X2-80	BT40	41/48	80	6KW	3000RPM	100NM	1:1
AG90-BT40X2-160	BT40	41/48	160	6KW	3000RPM	100NM	1:1
AG90-BT40X2-240	BT40	41/48	240	6KW	3000RPM	100NM	1:1

One-stop shop/OEM

AG90-F50 SERIES

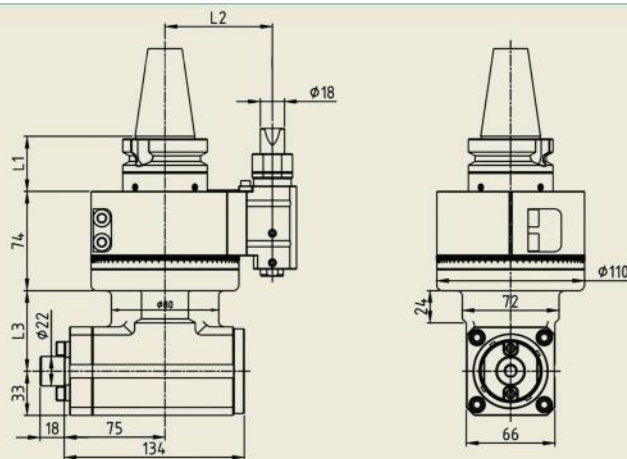


OPTIONAL TOOL HOLDER MODELS: BT, NT, CAT, DAT, HSK

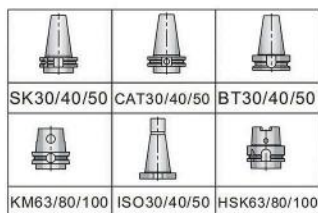


MODEL	OUT PUT	L1	L2	L3	POWER	RPM _{max}	T _{max}	GR
AG90-F50-50	FMB22	41/48	65/80	50	3KW	4000RPM	32NM	1:1
AG90-F50-110	FMB22	41/48	65/80	110	3KW	4000RPM	32NM	1:1
AG90-F50-170	FMB22	41/48	65/80	170	3KW	4000RPM	32NM	1:1

AG90-F63 SERIES

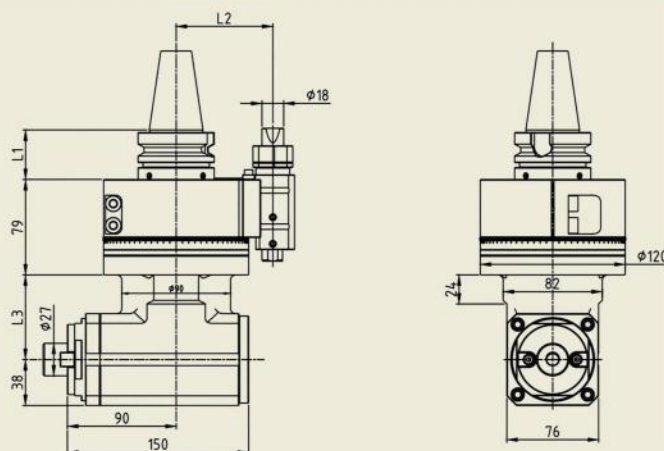


OPTIONAL TOOL HOLDER MODELS: BT, NT, CAT, DAT, HSK

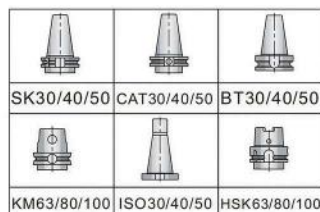


MODEL	OUT PUT	L1	L2	L3	POWER	RPM _{max}	T _{max}	GR
AG90-F63-60	FMB22	41/48	80/110	60	4KW	3500RPM	40NM	1:1
AG90-F63-130	FMB22	41/48	80/110	130	4KW	3500RPM	40NM	1:1
AG90-F63-200	FMB22	41/48	80/110	200	4KW	3500RPM	40NM	1:1

AG90-F80 SERIES

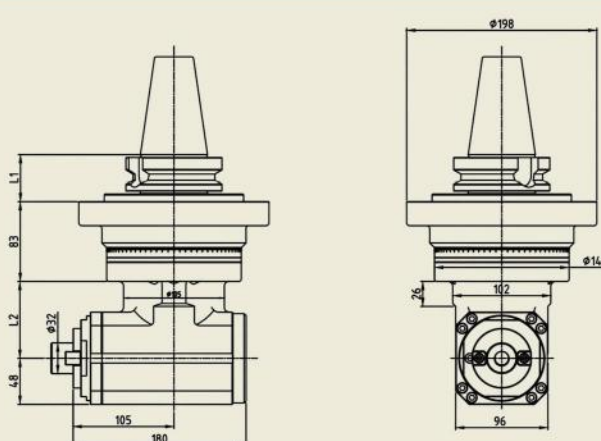


OPTIONAL TOOL HOLDER MODELS: BT, NT, CAT, DAT, HSK



MODEL	OUT PUT	L1	L2	L3	POWER	RPM _{max}	T _{max}	GR
AG90-F80-70	FMB27	41/48	80/110	70	6KW	3000RPM	75NM	1:1
AG90-F80-150	FMB27	41/48	80/110	150	6KW	3000RPM	75NM	1:1
AG90-F80-230	FMB27	41/48	80/110	230	6KW	3000RPM	75NM	1:1

AG90-F100 SERIES



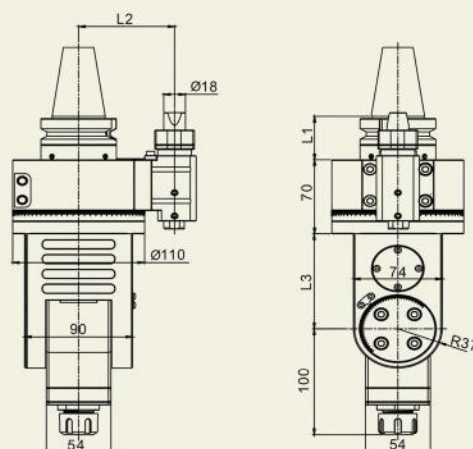
OPTIONAL TOOL HOLDER MODELS: BT, NT, CAT, DAT, HSK



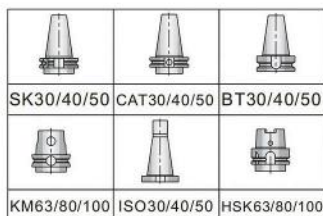
MODEL	OUT PUT	L1	L2	POWER	RPM _{max}	T _{max}	GR
AG90-F100-80	FMB32	41/48	80	6KW	3000RPM	100NM	1:1
AG90-F100-160	FMB32	41/48	160	6KW	3000RPM	100NM	1:1
AG90-F100-240	FMB32	41/48	240	6KW	3000RPM	100NM	1:1

One-stop shop/OEM

AGU-ER20 SERIES

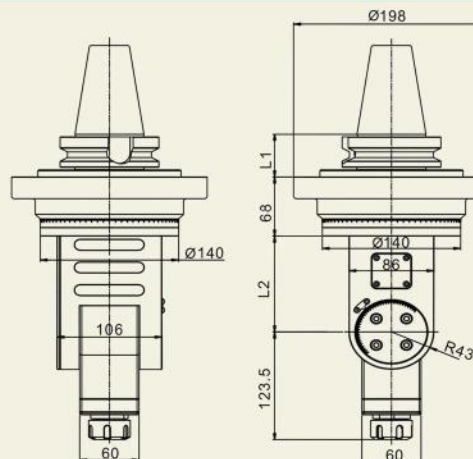


OPTIONAL TOOL HOLDER MODELS: BT, NT, CAT, DAT, HSK

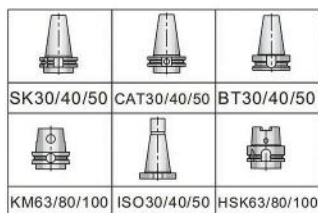


MODEL	OUT PUT	L1	L2	L3	POWER	RPM _{max}	T _{max}	GR
AGU-ER20-90	ER20	41/48	80/110	90	2KW	4000RPM	12NM	1:1
AGU-ER20-140	ER20	41/48	80/110	140	2KW	4000RPM	12NM	1:1
AGU-ER20-190	ER20	41/48	80/110	190	2KW	4000RPM	12NM	1:1

AGU-ER25 SERIES

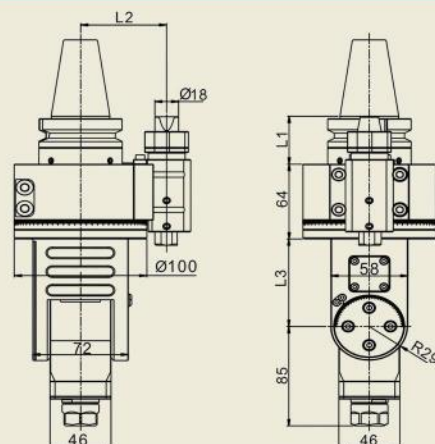


OPTIONAL TOOL HOLDER MODELS: BT, NT, CAT, DAT, HSK

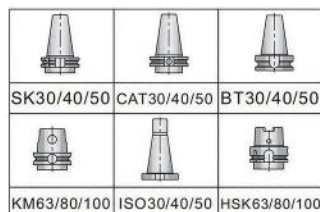


MODEL	OUT PUT	L1	L2	POWER	RPM _{max}	T _{max}	GR
AGU-ER25-110	ER25	41/48	110	2.5KW	3500RPM	25NM	1:1
AGU-ER25-170	ER25	41/48	170	2.5KW	3500RPM	25NM	1:1
AGU-ER25-230	ER25	41/48	230	2.5KW	3500RPM	25NM	1:1

AGU-ER16 SERIES

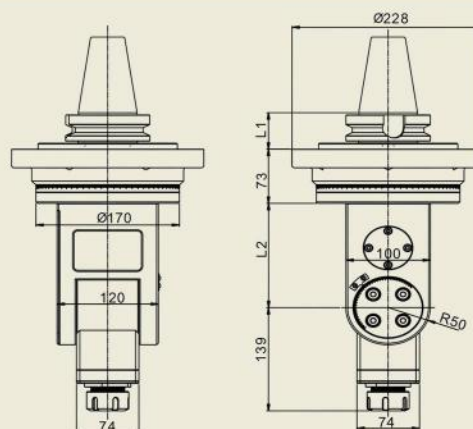


OPTIONAL TOOL HOLDER MODELS: BT、NT、CAT、DAT、HSK



MODEL	OUT PUT	L1	L2	L3	POWER	RPM _{max}	T _{max}	GR
AGU-ER16-75	ER16	41/48	65/80	75	1.5KW	4000RPM	10NM	1:1
AGU-ER16-125	ER16	41/48	65/80	125	1.5KW	4000RPM	10NM	1:1
AGU-ER16-175	ER16	41/48	65/80	175	1.5KW	4000RPM	10NM	1:1

AGU-ER32 SERIES



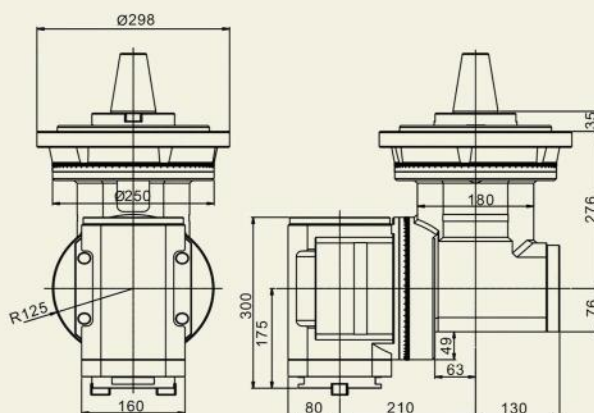
OPTIONAL TOOL HOLDER MODELS: BT、NT、CAT、DAT、HSK



MODEL	OUT PUT	L1	L2	POWER	RPM _{max}	T _{max}	GR
AGU-ER32-140	ER32	41/48	140	3KW	3000RPM	35NM	1:1
AGU-ER32-220	ER32	41/48	220	3KW	3000RPM	35NM	1:1
AGU-ER32-300	ER32	41/48	300	3KW	3000RPM	35NM	1:1

One-stop shop/OEM

AGU-BT50 SERIES



THIS SERIES OF PRODUCTS IS ONLY AVAILABLE WITH FLANGE CONNECTION.
OPTIONAL TOOL HOLDER MODELS: BT, NT, CAT, DAT, HSK

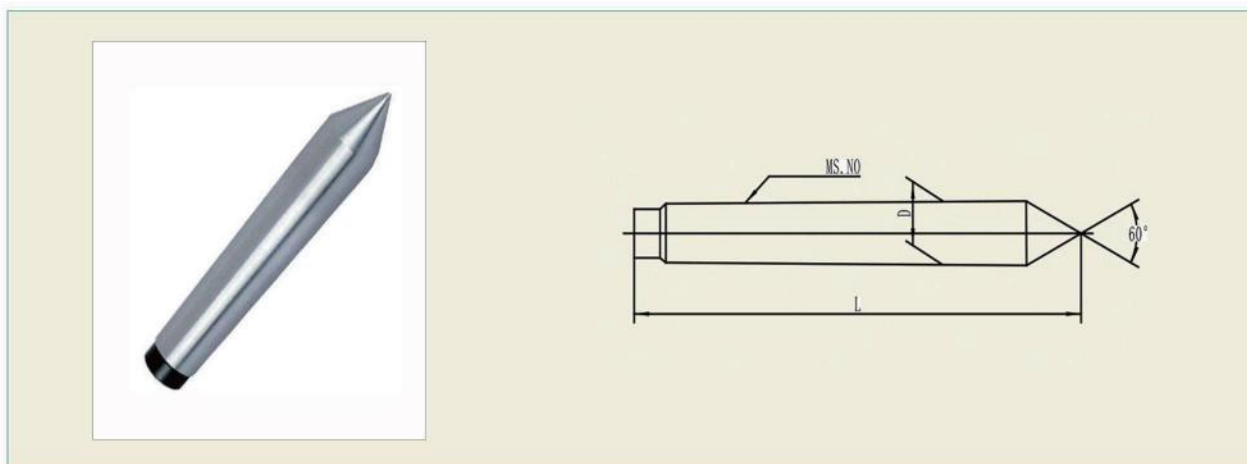


MODEL	OUT PUT	POWER	RPM _{max}	T _{max}	GR
AGU-BT50	BT50	12KW	2000RPM	200NM	1 : 1



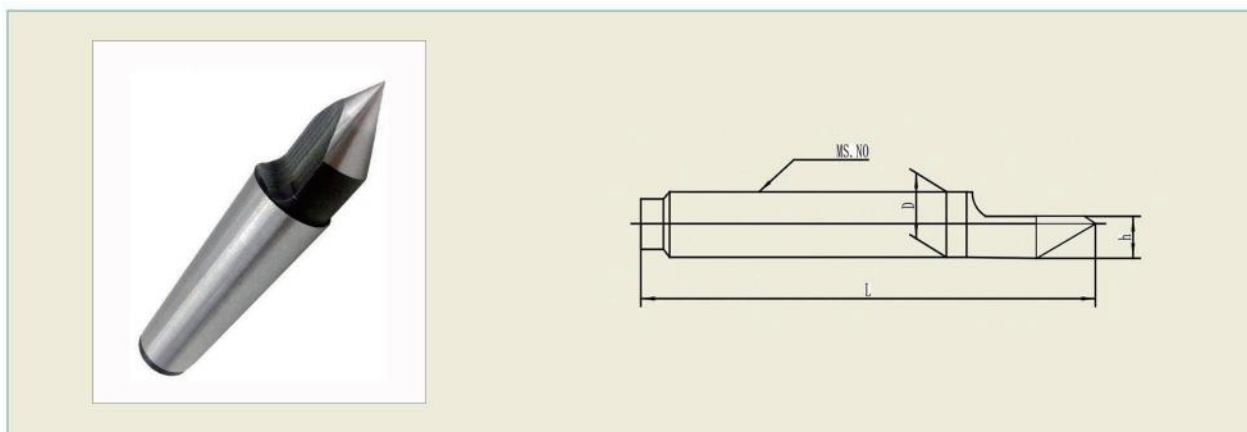
CENTER SERIES

固定顶尖 DEAD CENTER



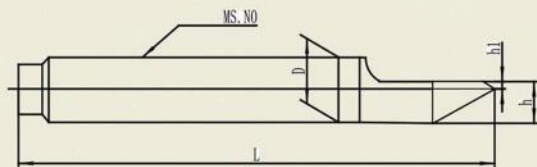
订单号 Order No.	MS.NO.	D mm	L mm	重量 Wt (kg)	精度 Accuracy (mm)
DG1	MS1	12.065	80	0.057	0.010
DG2	MS2	17.780	100	0.150	
DG3	MS3	23.825	125	0.334	
DG4	MS4	31.267	160	0.746	
DG5	MS5	44.399	200	1.862	
DG6	MS6	63.348	270	4.925	
DG7	MS7	83.061	360	8.620	

半缺顶尖 HALF-NOTCHED CENTER



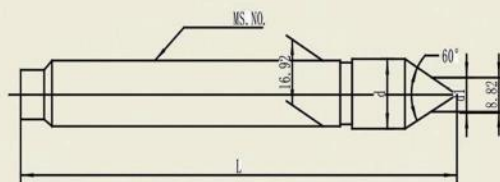
订单号 Order No.	MS.NO.	D mm	h mm	L mm	重量 Wt (kg)	精度 Accuracy (mm)
DH1	MS1	12.065	7.6	80	0.057	0.010
DH2	MS2	17.780	11	100	0.150	
DH3	MS3	23.825	15	125	0.334	
DH4	MS4	31.267	20.8	160	0.746	
DH5	MS5	44.399	29	200	1.862	
DH6	MS6	63.348	41.9	270	4.925	
DH7	MS7	83.061	53.78	360	8.620	

硬质合金半缺顶尖 CARBIDE HALF-NOTCHED CENTER



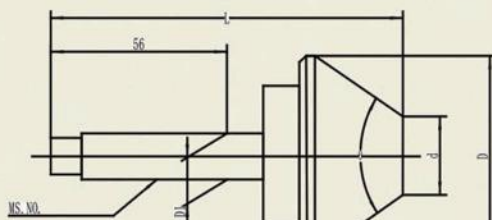
订单号 Order No.	MS.NO.	h1 mm	h mm	D mm	L mm	重量 Wt (kg)	精度 Accuracy (mm)
DHE1	MS1	1.5	5.5	12.065	80	0.06	0.010
DHE2	MS2	2	6	17.780	100	0.15	
DHE3	MS3	3	9	23.825	125	0.34	
DHE4	MS4	5	12.5	31.267	160	0.71	
DHE5	MS5	7	16	44.399	200	1.78	
DHE6	MS6	10	22	63.348	270	5.00	
DHE7	MS7	12	24	83.061	360	8.30	

硬质合金顶尖 CARBIDE CENTER



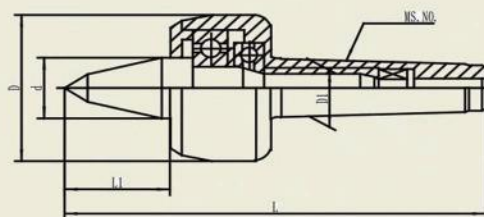
订单号 Order No.	MS.NO.	D mm	L mm	d mm	d1 mm	重量 Wt (kg)	精度 Accuracy (mm)
DE1	MS1	12.065	80	12.2	8	0.057	0.010
DE2	MS2	17.780	100	18	8	0.151	
DE3	MS3	23.825	125	24.1	12	0.335	
DE4	MS4	31.267	160	31.6	15	0.746	
DE5	MS5	44.399	200	44.7	18	1.826	
DE6	MS6	63.348	270	63.8	24	5.230	
DE7	MS7	83.061	360	83.555	24	9.190	

伞形顶尖 BULL NOSE CENTER



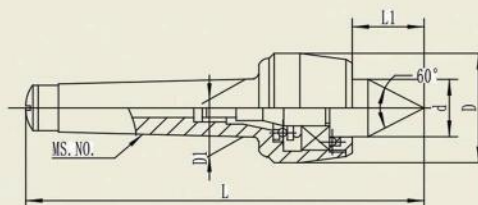
订单号 Order No.	MS.NO	L	L ₁	D	D ₁	d	α
DS2×60(60°)	MS2	132	64	60	17.780	20	60°
DS2×61.9(70°)	MS2	135	64	61.9	17.780	12.7	70°
DS3×76.2(70°)	MS3	152	81	76.2	23.825	19	70°
DS3×100(60°)	MS3	170	81	100	23.825	30	60°
DS3×100(75°)	MS3	164	81	100	23.825	32	75°
DS4×160(60°)	MS4	232	102.5	160	31.267	40	60°
DS4×160(75°)	MS4	225	102.5	160	31.267	35	75°
DS5×200(75°)	MS5	252	129.5	200	44.399	40	75°
DS5×250(75°)	MS5	281	129.5	250	44.399	57	75°
DS6×200(75°)	MS6	320	182	200	63.348	40	75°
DS6×250(75°)	MS6	355	182	250	63.348	57	75°

M11型精密回转顶尖 PRECISION LIVE CENTER



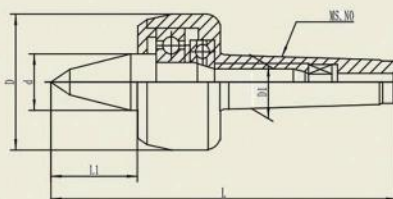
订单号 Order No.	MS. NO.	L mm	D mm	L ₁ mm	d mm	D ₁ mm	最大载荷 (kg) Max Load	极限转速 (rpm) Max Speed	精度 (mm) Accuracy
M11/101	MS1	124	36	27	15	12.065	80	7000	0.01
M11/102	MS2	139	45	34	20	17.780	140	7000	0.005
M11/106	MS3	176.5	60	47	25	23.825	400	5000	0.005
M11/108	MS4	217	70	53	32	31.267	500	3800	0.005
M11/110	MS5	273	90	65	40	44.399	1200	3000	0.005
M11/114	MS6	354.5	105	78	50	63.348	2500	2600	0.01

精密轻型回转顶尖 PRECISION LIGHT-DUTY LIVE CENTER



订单号 Order No.	MS. NO.	L mm	D mm	L ₁ mm	d mm	D ₁ mm	径向载荷 (N) Max Radial Load	极限转速 (rpm) Max Speed	精度 (mm) Accuracy
DM311	MS1	115	34	20.3	18	12.065	320	5000	0.005
DM312	MS2	129.6	45	28.6	25	17.780	400	5000	0.006
DM313	MS3	160.2	52	32	28	23.825	800	4500	0.006
DM314	MS4	191.7	60	36.5	32	31.267	1250	3500	0.006
DM315	MS5	244.5	80	50.8	45	44.399	1500	3000	0.006
DM316	MS6	350	130	74.8	75	63.348	1800	2500	0.006
DM317	MS7	423.5	130	74.8	75	83.061	2200	2000	0.006

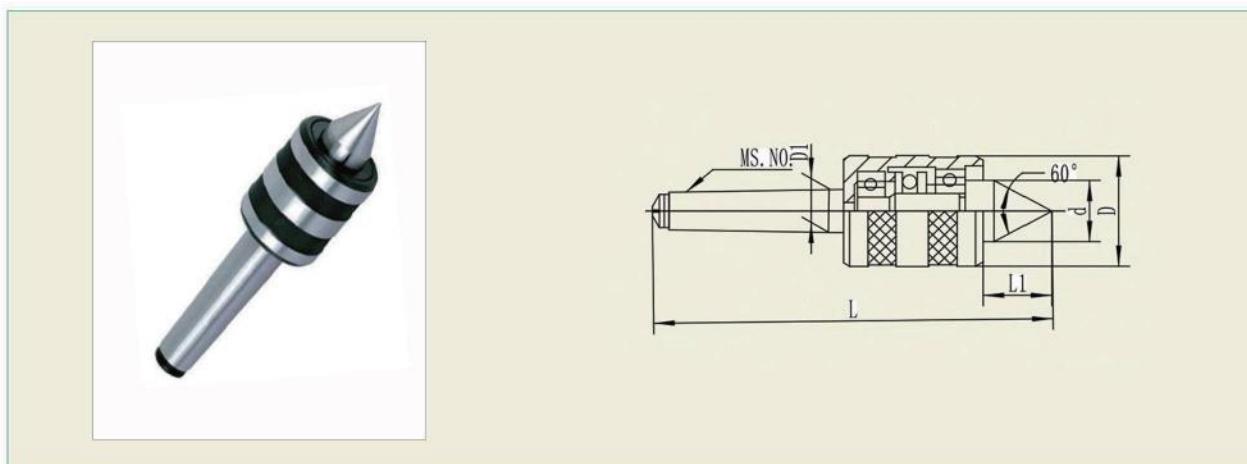
604H型精密回转顶尖 604H PRECISION LIVE CENTER



订单号 Order No.	MS. NO.	L mm	D mm	L ₁ mm	d mm	D ₁ mm	最大载荷 (N) Max Load	极限转速 (rpm) Max Speed	精度 (mm) Accuracy
604H/101	MS1	114	36	17	15	12.065	100	7000	0.010
604H/102	MS2	129	45	24	20	17.780	200	7000	0.005
604H/104	MS3	151.5	50	27.5	22	23.825	400	6300	0.005
604H/106	MS3	160.5	60	31	25	23.825	500	5000	0.005
604H/108	MS4	205	70	41	32	31.267	800	3800	0.005
604H/110	MS5	258.5	90	50.5	40	44.399	2000	3000	0.005
604H/114	MS6	334	105	57.5	50	63.348	3500	2600	0.010
604H/116	MS6	378	140	67	60	63.348	4500	1500	0.010
604H/116E	ME80	392	140	68	60	80	7500	1500	0.015

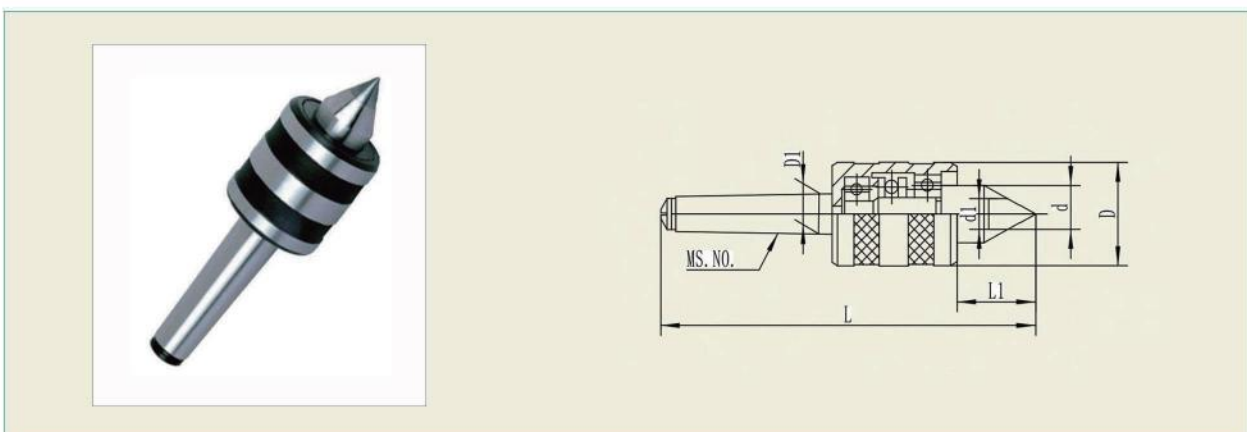
One-stop shop/OEM

中型回转顶尖 MEDIUM DUTY LIVE CENTER



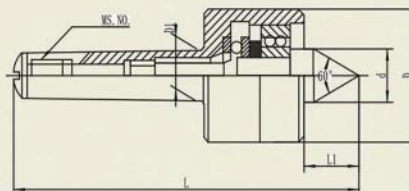
订单号 Order No.	MS. NO.	L mm	L1 mm	D mm	D1 mm	d mm	径向载荷(N) Max Radial Load	极限转速 (rpm) Max Speed	重量 Wt (kg)	精度 (mm) Accuracy
D411.	MS1.	115	20	34	12.065.	18.	900	5000.	0.29	0.01
D412.	MS2.	145	26	45	17.780.	25.	1500	5000.	0.70	0.01
D413.	MS3.	170	30	52	23.825.	28.	2000	4200.	0.93	0.01
D414.	MS4.	205.7	34.7	60	31.267.	32.	3200	3200.	1.70	0.01
D415.	MS5.	254	45	77	44.399.	45.	6300	2400.	3.39	0.0150.
D416.	MS6.	362	68.5	125	63.348.	75.	10000	1600.	12.00	015
D411L.	MS1.	125	30	34	12.065.	18.	900	5000.	0.31	0.01
D412L.	MS2.	155	36	45	17.780.	25.	1500	5000.	0.74	0.01
D413L.	MS3.	183	43	52	23.825.	28.	2000	4200.	0.99	0.01
D414L.	MS4.	222	51	60	31.267.	32.	3200	3200.	1.80	0.01
D415L.	MS5.	272	63	77	44.399.	45.	6300	2400.	3.62	0.0150.
D416L.	MS6.	382	88.5	125	63.348	75	10000	1600	12.69	015

硬质合金中型回转顶尖 CARBIDE MEDIUM-DUTY LIVE CENTER



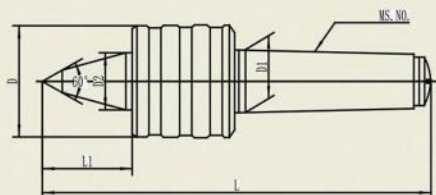
订单号 Order No.	MS. NO.	L mm	L1 mm	d mm	D mm	D1 mm	d ₁ mm	最大载荷(N) Max Load	极限转速 (rpm) Max Speed	精度 (mm) Accuracy
D412A	MS2	145	26	25	45	17.780	12	1500	5000	0.010
D413A	MS3	170	30	28	52	23.825	15	2000	4200	0.010
D414A	MS4	205.7	34.7	32	60	31.267	18	3200	3200	0.010
D415A	MS5	254	45	45	77	44.399	24	6300	2000	0.015
D416A	MS6	362	68.5	75	125	63.348	40	10000	1600	0.015

精密重型回转顶尖 PRECISION HEAVY LIVE CENTER



订单号 Order No.	MS. NO.	L mm	D mm	L ₁ mm	d mm	D ₁ mm	径向载荷 (N) Max Radial Load	极限转速 (rpm) Max Speed	重量 Wt (kg)	精度 (mm) Accuracy
DM511	MS1	109.6	38	18.5	16	12.065	1400	3600	0.29	0.008
DM512	MS2	128.5	48	24	22	17.780	3500	3400	0.39	0.01
DM513	MS3	156	58	28.5	25	23.825	5500	3200	1.09	0.01
DM514	MS4	192.5	68	31.5	28	31.267	8000	3000	1.69	0.01
DM515	MS5	245	90	45	41	44.399	10000	2500	4.00	0.012
DM516	MS6	342.5	130	64	63	63.348	15000	1500	11.61	0.015

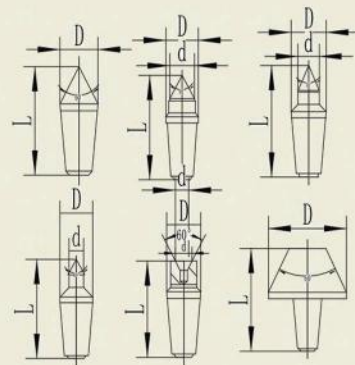
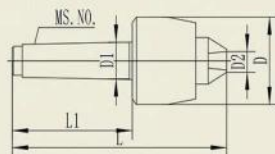
中型回转顶尖(加长型) MEDIUM-DUTY LIVE CENTER (EXTENDED)



订单号 Order No.	MS. NO.	L ₁ mm	D mm	D ₁ mm	D ₂ mm	L mm	重量 Wt (kg)
D412B.	MS2.	28.5	40	17.780	18.	141	0.84
D413B.	MS3.	36.5	45	23.825	22.	168	0.91
D414B.	MS4.	36.5	45	31.267	22.	190	1.62
D415B.	MS5.	62	78	44.399	40.	267.5	3.43
D416B	MS6	75	102	63.348	50	346.5	11

高速插入式回转顶尖

HIGH-SPEED MEDIUM-DUTY MULTI-PURPOSE LIVE CENTER

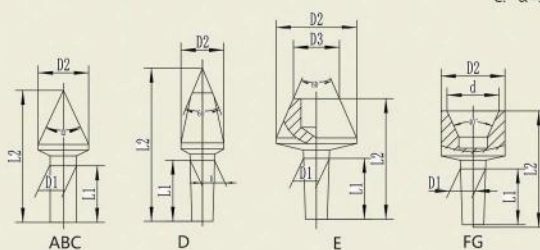
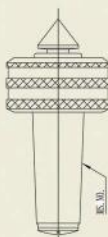


订单号 Order No.	MS.NO.	D mm	D1 mm	L1 mm	L mm
HD432	MS2	48	17.780	69	127
HD433	MS3	54	23.825	86	153
HD434	MS4	63	31.367	109	182
HD435	MS5	83	44.399	136	217

MS.NO.	A		B			C			D			E			F	
	L	D	L	D	d	L	D	d	L	D	d	L	D	d	L	D
2	26	10.2	28.5	10.2	8	29	10.2	6.5	27.5	10.2	5	25	10.2	5.3	30	28
3	32	12.75	35	12.75	10	36	12.75	8	34	12.75	6	31	12.75	6.7	37	34
4																
5	39	15.7	44	15.7	12	45	15.7	10	42	15.7	8	43	15.7	8.5	48	40

插入式回转顶尖

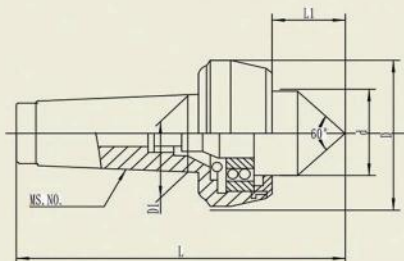
MEDIUM-DUTY MULTI-PURPOSE LIVE CENTER



A: $\alpha=60^\circ$
B: $\alpha=75^\circ$
C: $\alpha=90^\circ$

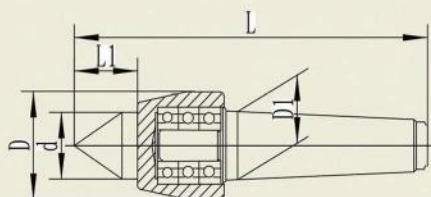
订单号 Order No.	MS. NO.	D1	L1	A		B		C		D		E		F		G		重量 Wt. (kg)
				D ₂	L ₂	D ₂	L ₂	D ₂	L ₂	D ₂	L ₂	D ₂	² D ₂	L ₂	D ₂	L ₂	d	
D432	MS2	10	20	16	39	16	35.5	16	33	16	46	25	10	40	16	36	10	0.95
D433	MS3	12	24	20	48	20	43.5	20	40.5	18	56	35	15	50	22	42	18	1.87
D434	MS4	15	30	28	61.5	28	55.5	28	51.5	26	73	55	30	61.5	40	55	35	2.42
D435	MS5	20	40	36	80	36	72.45	36	66.8	36	101	70	41	78	60	81	50	4.12
D436	MS6	30	55	55	117	55	113	55	108	50	138	90	50	107.5	75	110	60	7.83

高速精密回转顶尖 HIGH-SPEED LIVE CENTER



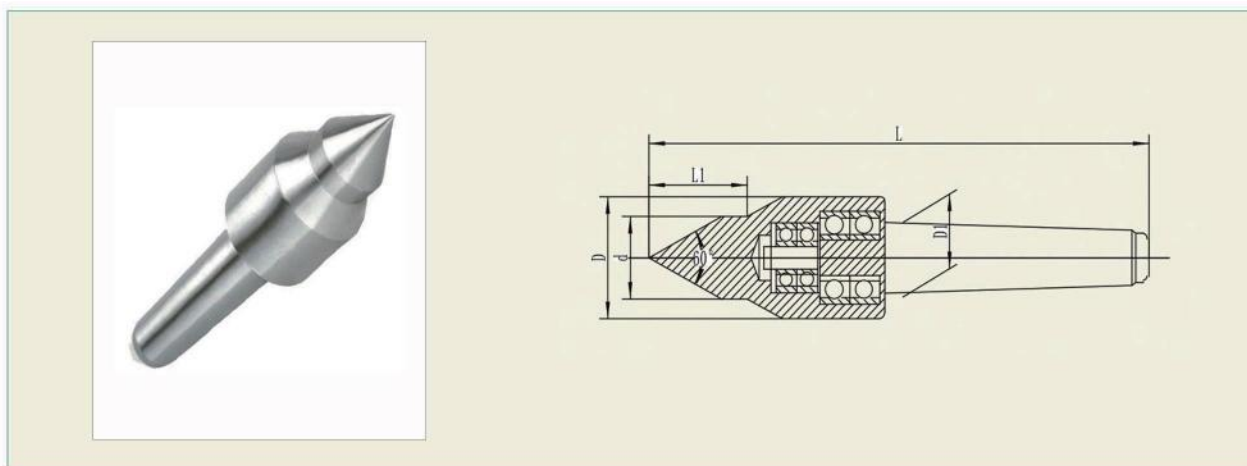
订单号 Order No.	MS NO.	L	D	L1	d	D1	最大载荷 Max.Load	极限转速 Max.Speed	精度 Accuracy
HD313	MS3	180	53	39	30	23.825	500kg	5000	±0.003
HD314	MS4	208	63	42	32	31.267	800kg	4500	±0.003
HD315	MS5	256	83	49	40	44.399	1600kg	3500	±0.003

外回旋顶尖A型 VERSA-TURN LIVE CENTER A



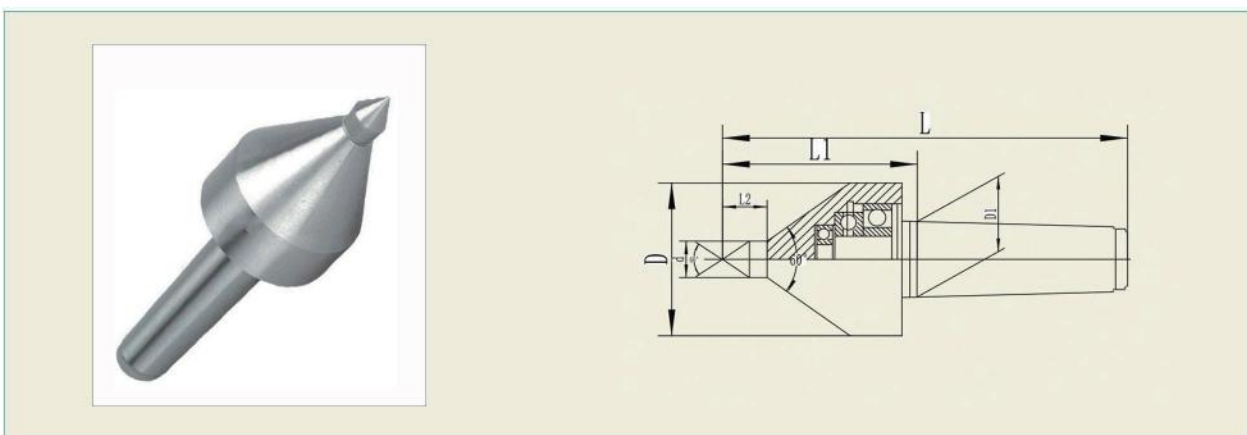
订单号 Order No.	L mm	D mm	L1 mm	d mm	D1 mm	径向载荷 (kg) Max Radial Load	极限转速 Max.Speed	精度 Accuracy
WX-MT1A	108	32	21	16	12.065	40	4000	0.005
WX-MT2A	132	40	26	22	17.780	120	3500	0.005
WX-MT3A	164	45	32	26	23.825	250	3000	0.005
WX-MT4A	188	48	34	30	31.267	350	2500	0.008
WX-MT5A	248	68	50	45	44.399	500	2000	0.008

外回旋顶尖B型 VERSA-TURN LIVE CENTER B



订单号 Order No.	L mm	D mm	L1 mm	d mm	D1 mm	径向载荷 (kg) Max Radial Load	极限转速 (rpm) Max Speed	精度 (mm) Accuracy
WX-MT2B	145.5	42	31	28	17.780	200	3500	0.005
WX-MT3B	169.5	46	33	32	23.825	300	2000	0.005
WX-MT4B	205	52	40	40	31.267	400	2500	0.008
WX-MT5B	259.5	68	50	50	44.399	600	2000	0.008

外回旋顶尖C型 VERSA-TURN LIVE CENTER C



订单号 Order No.	L mm	D mm	L1 mm	L2 mm	d mm	D1 mm	径向载荷 (kg) Max Radial Load	极限转速 (rpm) Max Speed	精度 (mm) Accuracy
WX-MT2C	136	48	72	15	11	17.780	150	3500	0.005
WX-MT3C	162	54	81	19	13	23.825	300	2000	0.005
WX-MT4C	198	64	95.5	22	16	31.267	500	2500	0.005
WX-MT5C	245	88	115.5	28	20	44.399	800	2000	0.005

导套

TOOL NHOLDER BUSHING



TOOL HOLDER BUSHING TYPE "B"



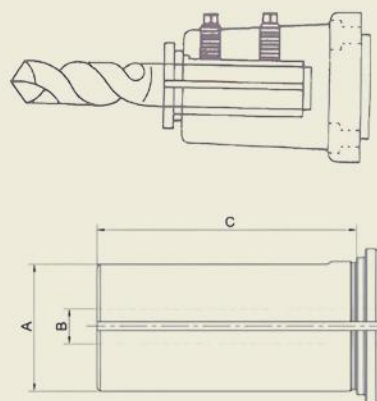
TOOL HOLDER BUSHING TYPE "C"



REDUCTION SLEEVE FOR BORING BAR
HOLDER

B型导套

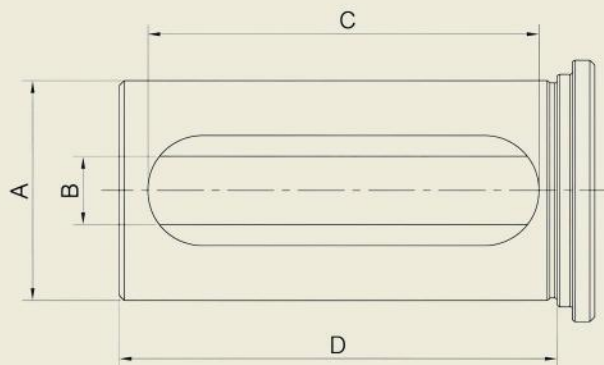
TOOL HOLDER BUSHING TYPE "B"



型号 MODEL	BUSH DIA.		STANDARD BORE SIZES STOCKED		SPECIAL BORE SIZES AVAILABLE		LENGTH UNDER HEAD
	A				MIN	MAX	C
	IN	MM	IN	MM			
CNC-01B	$\frac{3}{4}$	20	$\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{1}{2}$	6, 8, 10, 12	$\frac{3}{16}$	$\frac{5}{8}$	1-1/2
CNC-02B	1	25	$\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$	10, 12, 16, 20	$\frac{3}{16}$	$\frac{7}{8}$	1-3/4
CNC-12B	$1\frac{1}{4}$	32	$\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1	10, 12, 16, 20, 25	$\frac{3}{16}$	1	2-1/8
CNC-03B	$1\frac{1}{2}$	40	$\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$	10, 12, 16, 20, 25, 32	$\frac{3}{16}$	1-1/4	2-1/2
CNC-04B	$1\frac{3}{4}$	45	$\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$	10, 12, 16, 20, 25, 32, 40	$\frac{1}{4}$	1-1/2	3
CNC-05B	2	50	$\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$	12, 16, 20, 25, 32, 40	$\frac{1}{2}$	1-3/4	3-1/2
CNC-06B	$2\frac{1}{2}$	65	$\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2 , $2\frac{1}{4}$	20, 25, 32, 40, 45, 50	$\frac{1}{2}$	2-1/4	4
CNC-07B	3	80	$1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2 , $2\frac{1}{4}$, $2\frac{1}{2}$	25, 32, 40, 45, 50, 60, 65	$\frac{5}{8}$	2-1/2	4-1/2
CNC-08B	$3\frac{1}{2}$	90	$1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2 , $2\frac{1}{4}$, $2\frac{1}{2}$, 3	25, 32, 40, 45, 50, 60, 65	$\frac{5}{8}$	3	5-1/4

C型导套

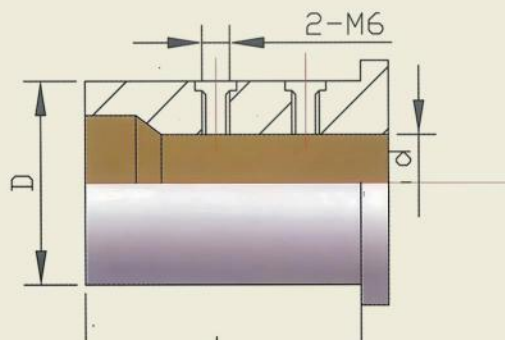
TOOL HOLDER BUSHING TYPE "C"



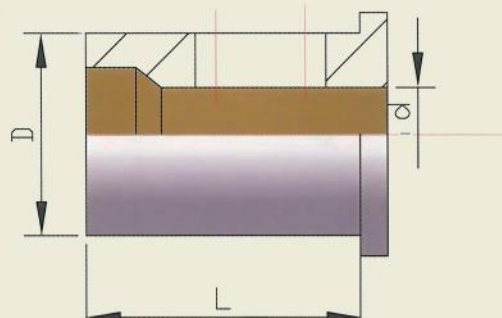
型号 MODEL	BUSH DIA.		STANDARD BORE SIZES STOCKED		LENGTH OF SLOT	LENGTH UNDER HEAD	NUMBER OF SLOTS
	A		B		C	D	
	IN	MM	INCH	MM			
CNC-10C	$\frac{3}{4}$	20	$\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{1}{2}$	6, 8, 10, 12	1-1/2	2	1
CNC-11C	1	25	$\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$	8, 10, 12, 16, 20	2-3/8	2-3/4	1
CNC-12C	1 1/4	32	$\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1	10, 12, 16, 20, 25	2-3/4	3-1/4	1
CNC-13C	1 1/2	40	$\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, 1-1/4	10, 12, 16, 20, 25, 32	3	3-3/8	1
CNC-14C	1 3/4	45	$\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, 1-1/4, 1-1/2	12, 16, 20, 25, 32, 40	3-1/8	3-1/2	1
CNC-15C	2	50	$\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, 1, 1-1/4, 1-1/2, 1-3/4	12, 16, 20, 25, 32, 40, 45	3-5/8	4	1
CNC-16C	2 1/2	65	$\frac{3}{4}$, 1, 1-1/4, 1-1/2, 1-3/4, 2, 2-1/4	20, 25, 32, 40, 45, 50	4-1/8	4-1/2	1 OR 2*
CNC-17C	3	80	1, 1-1/4, 1-1/2, 1-3/4, 2, 2-1/4, 2-1/2	25, 32, 40, 45, 50, 60, 65	4-5/8	5	1 OR 2*
CNC-18C	3 1/2	90	1, 1-1/4, 1-1/2, 1-3/4, 2, 2-1/4, 2-1/2, 3	25, 32, 40, 45, 50, 60, 65	5	5-3/4	1 OR 2*

镗刀减径套

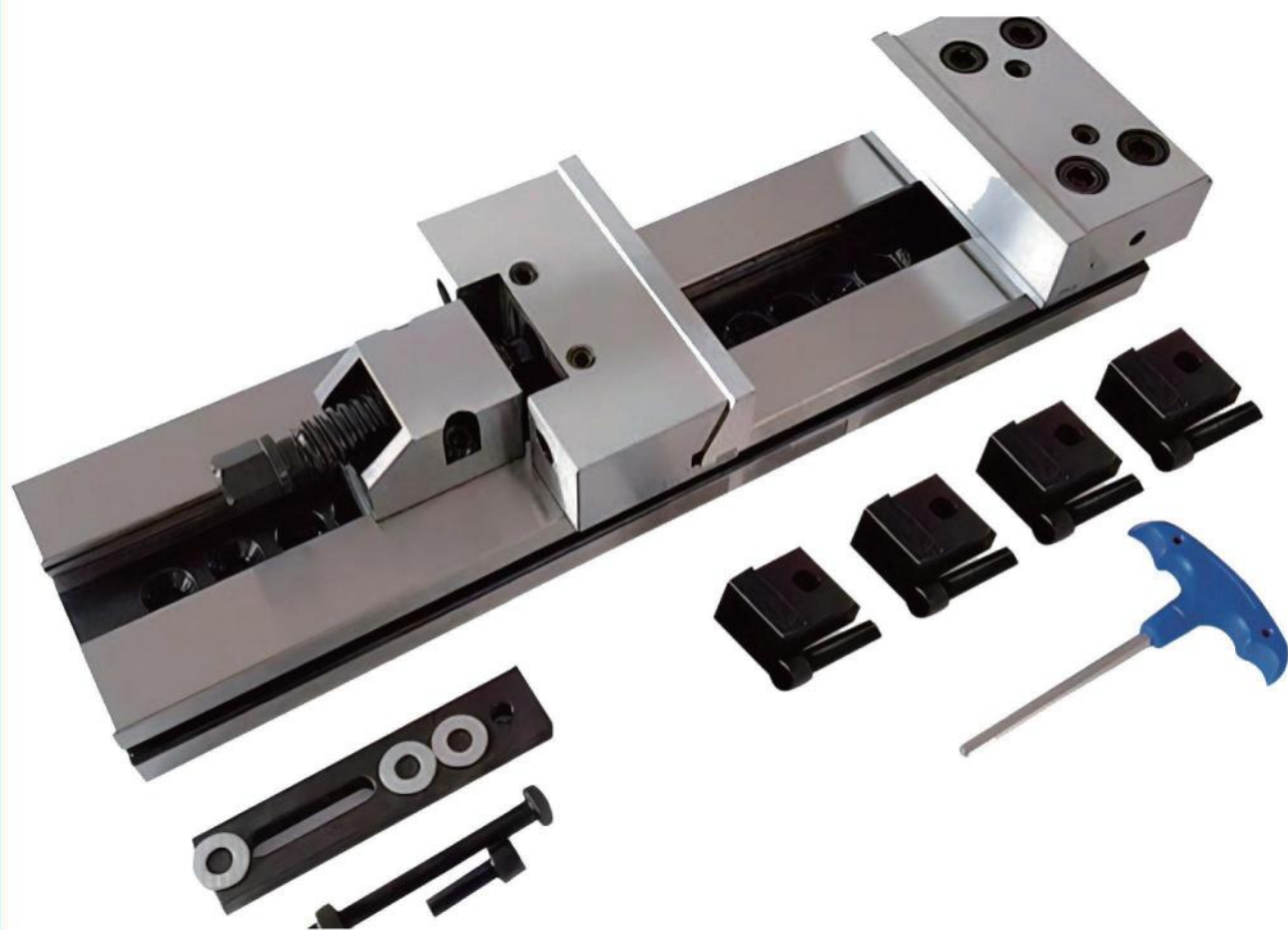
REDUCTION SLEEVE FOR BORING BAR HOLDER



型号 MODEL	MODEL	d	D	L
SL2506	25-06	6	25	46
SL2508	25-08	8	25	46
SL2510	25-10	10	25	46
SL2512	25-12	12	25	46
SL3206	32-06	6	32	56
SL3208	32-08	8	32	56
SL3210	32-10	10	32	56
SL3212	32-12	12	32	56
SL4006	40-06	6	40	71
SL4008	40-08	8	40	70
SL4010	40-10	10	40	71
SL4012	40-12	12	40	71



型号 MODEL	MODEL	d	D	L
SL2516	25-16	16	25	46
SL2520	25-20	20	25	46
SL3216	32-16	16	32	56
SL3220	32-20	20	32	56
SL3225	32-25	25	32	56
SL4016	40-16	16	40	71
SL4020	40-20	20	40	71
SL4025	40-25	25	40	71
SL4032	40-32	32	40	71



GT VISE



QGG



QKG

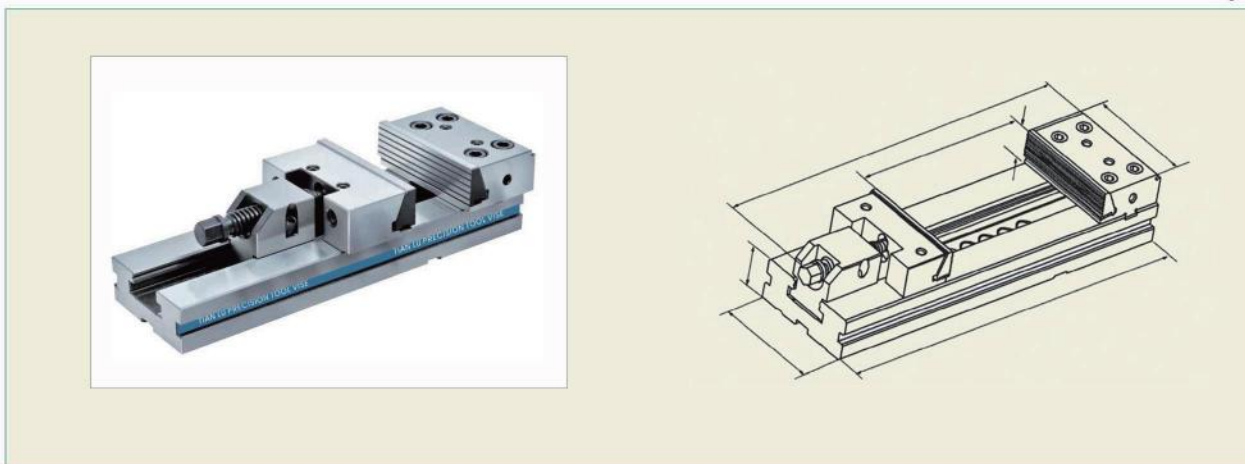


QSC

平口钳系列
VISE

标准平口钳系列 GT VISE SERIES

QZ



平口钳系列

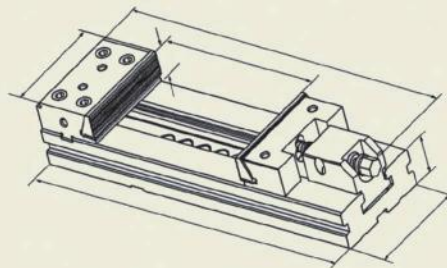
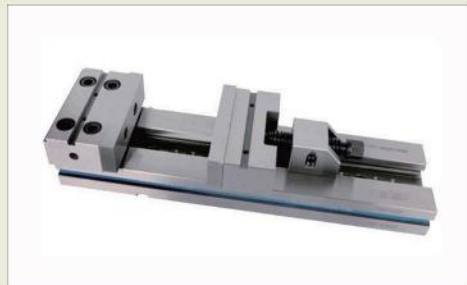
VISE SERIES

订单号 Order No.	钳口宽A JAW HEIGHT	钳口高B JAW HEIGHT	开口度C JAW OPEN	钳体长D BASE LENGTH	整钳长E BASE LENGTH	钳体高F BASE HEIGHT	钳体款G BASE WIDTH	重量KG VISE WEIGHT	夹紧力KN CLAMPNG FORCE
QZ100-1	100	30	100	270	320	35	75	7	16
QZ125-1	125	40	150	345	402	40	95	13	25
QZ150A-1	150	50	200	420	500	50	125	26	30
QZ150B-1			300	520	600			29	
QZ175A-1	175	60	200	455	530	58	145	37	30
QZ175B-1			300	555	630			42	
QZ175C-1			400	655	730			47	
QZ175D-1			500	755	830			52	
QZ200A-1	200	65	200	495	580	70	175	64	40
QZ200B-1			300	595	680			69	
QZ200C-1			400	695	780			74	
QZ200D-1			500	795	880			79	
QZ200E-1			600	895	980			84	
QZ300A-1	300	80	200	535	630	78	195	95	40
QZ300B-1			300	635	730			105	
QZ300C-1			400	735	830			115	
QZ300D-1			500	835	930			125	
QZ300E-1			600	935	1030			135	
QZ300F-1			700	1035	1130			145	
QZ300G-1			800	1135	1230			155	

- MADE OF HIGH-QUALITY ALLOY STEEL WITH CARBURIZING TREATMENT.
- HARDNESS HRC 62, PARALLELISM 0.005MM/100MM, PERPENDICULARITY 0.005MM.
- FAST CLAMPING, FLEXIBLE OPERATION, HIGH PRECISION.SUITABLE FOR MILLING, BORING, DRILLING, GRINDING ON CNC & MACHINE TOOLS.

快换平口钳系列 QUICK CHANGE MODULAR VISES

QZ



单位: mm

订单号 Order No.	钳口宽A JAW HEIGHT	钳口高B JAW HEIGHT	开口度C JAW OPEN	钳体长D BASE LENGTH	整钳长E VISE LENGTH	钳体高F BASE HEIGHT	钳体款G BASE WIDTH	重量KG VISE WEIGHT	夹紧力KN CLAMPNG FORCE
QZ100-2	100	30	100	270	320	35	75	7	16
QZ125-2	125	40	150	345	402	40	95	13	25
QZ150A-2	150	50	200	420	500	50	125	26	30
QZ150B-2			300	520	600			29	
QZ175A-2	175	60	200	455	530	58	145	37	30
QZ175B-2			300	555	630			42	
QZ175C-2			400	655	730			47	
QZ175D-2			500	755	830			52	
QZ200A-2	200	65	200	495	580	70	175	64	40
QZ200B-2			300	595	680			69	
QZ200C-2			400	695	780			74	
QZ200D-2			500	795	880			79	
QZ200E-2			600	895	980			84	
QZ300A-2	300	80	200	535	630	78	195	95	40
QZ300B-2			300	635	730			105	
QZ300C-2			400	735	830			115	
QZ300D-2			500	835	930			125	
QZ300E-2			600	935	1030			135	
QZ300F-2			700	1035	1130			145	
QZ300G-2			800	1135	1230			155	

专利号:202322175686.5

专利设计, 仿冒必究

THIS PAIR OF PLERSIS CONNECTED BY SPECIAL STUCTURES SUCH AS COMB TETH.THE PRECISION OF THE COMB TEETH REACHES 0.005MM,WBICH CAN BETTER ENSURE THE QUALITY OF THE VISE CLAMPING ACURACY AND STRENGTH, BETTER PREVENTING THE OCCURRENCE OF UPWARD MOVEMENT OF THE JAWS, CONVENIENT FOR CUSTOMERS TO REPLACE JAWS AND ENSURE FACTORY ACCURACY.

One-stop shop/OEM

标准平口钳配件系列 ACCESSORIES FOR STD VISES

QZP



QZP-1
圆转盘
Swivel base



QZP-2
增宽钳口
Widened jaw



QZP-3
增高钳口
Elevated jaw



QZP-4
增高钳口
Elevated jaw



QZP-5
双相增高钳口
Double elevated jaw



QZP-6
浮动钳口
Floating jaw



QZP-7
动钳口延伸板
Dynamic jaw extension plate



QZP-8
双相增高钳口
Double elevated jaw



QZP-9
V型钳口
V-shaped jaw



QZP-10
定钳口延伸板
Fixed jaw extension plate



QZP-11
V型动钳口
V-shaped movable jaw



QZP-12
光面钳口
Smooth jaw



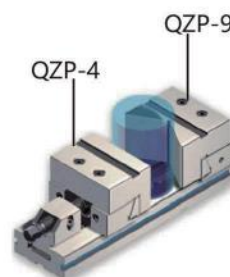
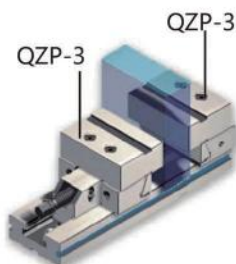
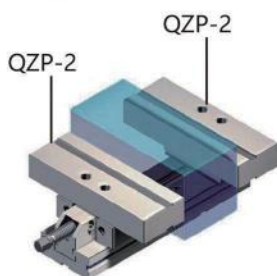
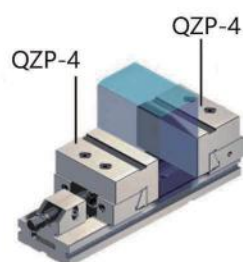
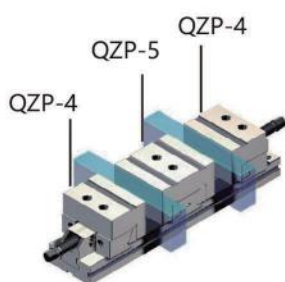
QZP-13
台阶转接动钳口
Step transfer movable jaw



QZP-14
V型转接动钳口
V-shaped transfer movable jaw



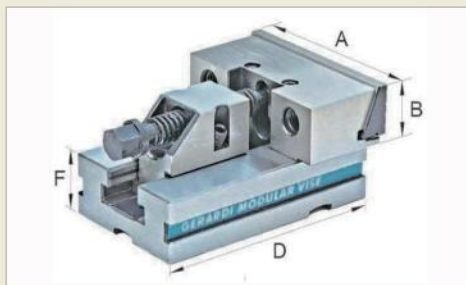
QZP-15
转接动钳口
Transfer movable jaw



短钳系列平口钳 MODULAR ELEMENTS

QZD-2, QZD-3, QZS-2

QZD-2
动钳组件
MOVABLE JAW SECTION



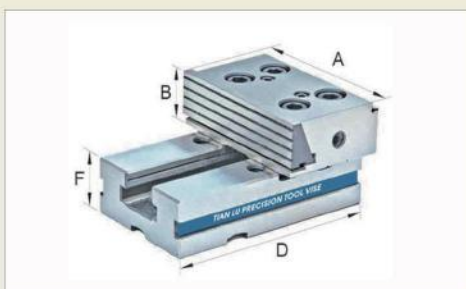
技术参数 TABLE DIMMENSION

单位:mm

订单号 Order No.	钳口宽A JAW WIDTH	钳口高B JAW HEIGHT	钳体长D BASE LENGTH	钳体高F BASE HEIGHT	重量KG VISE WEIGHT	夹紧力KN CLAMPING FORCE
QZD100-2	100	30	140	35	3.4	16
QZD125-2	125	40	160	40	6.3	25
QZD150-2	150	50	230	50	14.2	30
QZD175-2	175	60	240	58	20.8	30
QZD200-2	200	65	300	70	35	40
QZD300-2	300	80	350	78	60	40

定钳组件 FLXED JAW SECTION

QZD-3



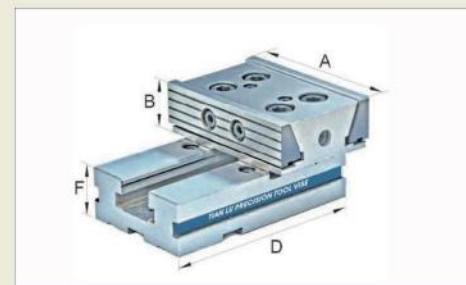
技术参数 TABLE DIMMENSION

单位:mm

订单号 Order No.	钳口宽A JAW WIDTH	钳口高B JAW HEIGHT	钳体长D BASE LENGTH	钳体高F BASE HEIGHT	重量KG VISE WEIGHT	夹紧力KN CLAMPING FORCE
QZD100-3	100	30	140	35	3.3	16
QZD125-3	125	40	160	40	5.8	25
QZD150-3	150	50	230	50	12.6	30
QZD175-3	175	60	240	58	17.8	30
QZD200-3	200	65	300	70	29.8	40
QZD300-3	300	80	350	78	50.5	40

双向定钳组件 DOUBLE FIXED JAW SECTION

QZS-2



技术参数 TABLE DIMMENSION

单位:mm

订单号 Order No.	钳口宽A JAW WIDTH	钳口高B JAW HEIGHT	钳体长D BASE LENGTH	钳体高F BASE HEIGHT	重量KG VISE WEIGHT	夹紧力KN CLAMPING FORCE
QZS100-2	100	30	140	35	3.4	16
QZS125-2	125	40	160	40	6.3	25
QZS150-2	150	50	230	50	14.2	30
QZS175-2	175	60	240	58	20.8	30
QZS200-2	200	65	300	70	35	40
QZS300-2	300	80	350	78	60	40

MODULAR ELEMENTS ARE A SOLUTION FOR BIG WORKPIECE WITH THE MANY REFERENCE POINTS AVAILABLE, AND A PERFECT COMPLEMENT OR ALTERNATIVE TO SINGLE OR DOUBLE VISES.

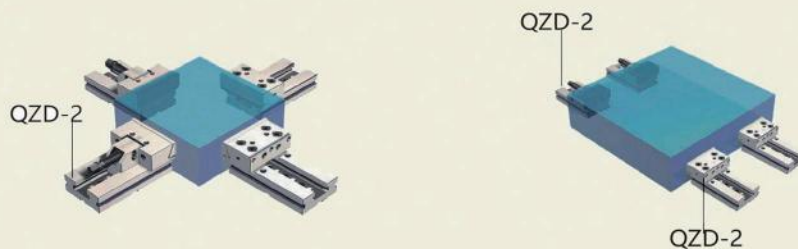
One-stop shop/OEM

短钳系列平口钳 MODULAR ELEMENTS

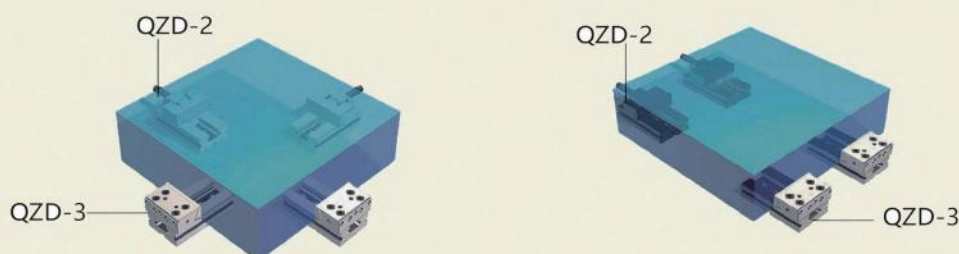
QZD-2, QZD-3, QZS-2

平口钳系列

VISE SERIES



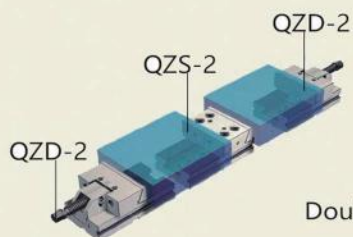
四件动钳组件，将较大工件压紧于机床工作台上
Huge workpiece clamped on the machine table



动钳组件与定钳组件配合使用，将工件压紧于钳体面上
Medium size workpiece clamped on the vise sections



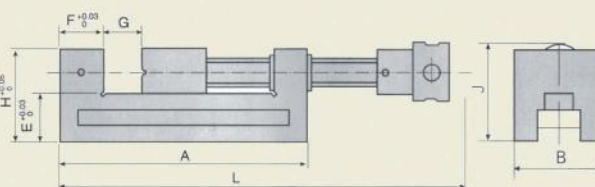
动钳组件与标准钳配合使用
In order to get a movable vise section it is enough to remove from vise Art.1



动钳口组件与双向定钳口组件配合使用
Double fixed vise section + 2 movable vise sections

QGG精密平口钳 PRECISION TOOL VISE

QGG



QGG手转工具万力规格如下:

Unit: mm

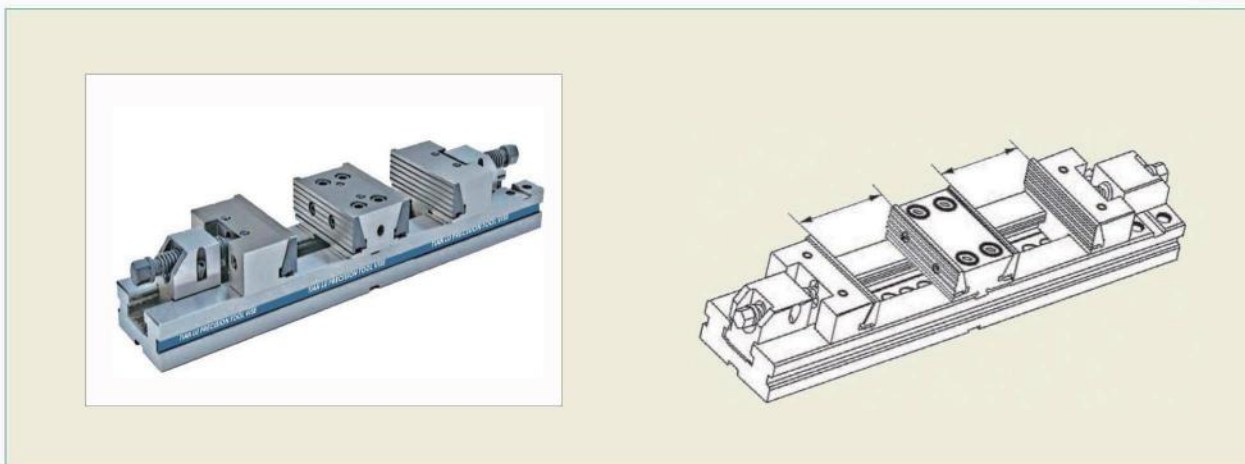
订单号 Order No.	L	A	B	J	H	E	F	G	N.W.
QGG38	170	115	38	48	48	23	23	0-36	1.8kg
QGG50	215	150	50	51.5	50	25	23	0-67	2.67kg
QGG63	250	185	63	63	63	31	28	0-87	3.73kg
QGG73	280	205	73	70	70	35	28	0-102	5.32kg
QGG80	290	215	80	80	80	40	33	0-102	6.54kg
QGG88	320	245	88	80	80	40	33	0-127	8.13kg
QGG100	330	255	100	90	90	45	38	0-127	11.15kg
QGG125	344	295	125	100	100	50	38	0-160	18.31kg
QGG150	364	315	150	100	100	50	40	0-170	20.0kg
QGG200	399	350	200	110	110	55	45	0-200	35.0kg

- MADE OF HIGH-QUALITY ALLOY STEEL WITH CARBURIZING TREATMENT.
- HARDNESS HRC 62, PARALLELISM 0.005MM/100MM, PERPENDICULARITY 0.005MM. FAST CLAMPING, FLEXIBLE OPERATION
- SUITABLE FOR PRECISION MEASUREMENT, INSPECTION, PRECISION GRINDING AND EDM.
- IT MAINTAINS HIGH PRECISION WHEN USED HORIZONTALLY, VERTICALLY OR FLAT.

One-stop shop/OEM

双向夹紧长钳 DOUBLE ACTION VISES

QZS



技术参数 TABLE DIMENSION

单位: mm

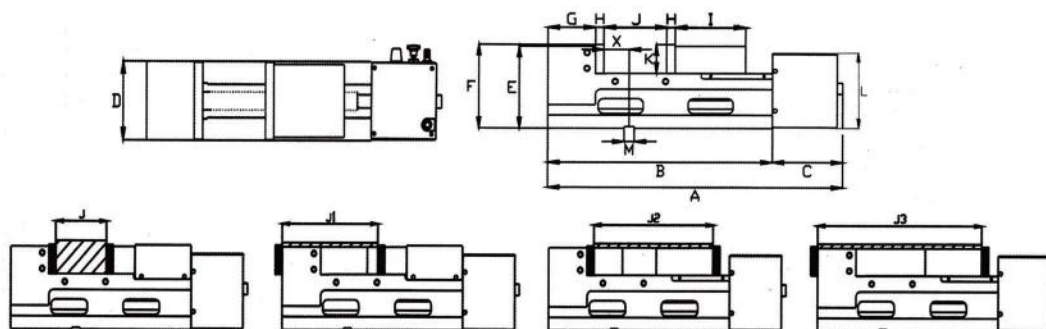
订单号 Order No.	钳口宽A JAW WIDTH	钳口高B JAW HEIGHT	钳体长D BASE LENGTH	钳体高F BASE HEIGHT	重量KG VISE WEIGHT	夹紧力KN CLAMPNG FORCE
QZS100x90-1	100	30	90	460	14	16
QZS125x100-1	125	40	100	520	20	25
QZS150x110-1	150	50	110	580	38	30
QZS150x160-1			160	680	42	
QZS175x120-1	175	60	120	666	58	30
QZS175x170-1			170	766	63	
QZS175x220-1			220	866	68	
QZS175x270-1			270	966	73	
QZS200x150-1	200	65	150	805	95	40
QZS200x200-1			200	905	101	
QZS200x250-1			250	1005	107	

长钳系列平口钳是一种二合一的平口钳可作双向钳用(超长开口度),也可作双向钳用(双工位开口度),为用户节约开支,增强加工能力。

XL vises enable to have 2 vises in 1 because they can quickly change from double vise to single vise with very large opening.

BR气动油压精密快速虎钳

BR PRECISION SUPER HI-PRESSURE RAPID VISE

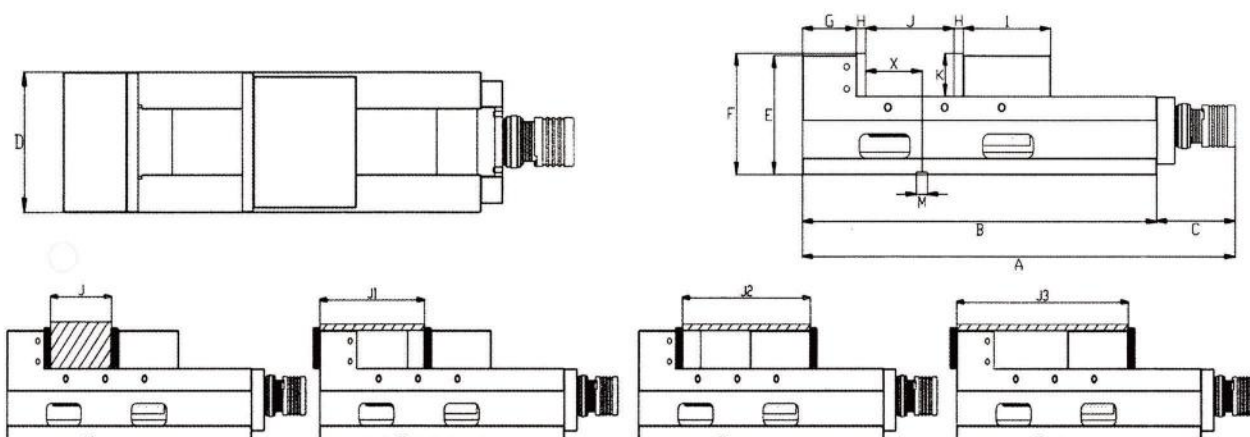


MODEL	A	B	C	D	E	F	G	H	I	J	J1	J2	J3	K	L	M	X	夹持力 (kgf)	净重 (kg)	CARTON
WPV-130D	525	400	125	130	157	160	85	15	125	0-150	95-250	125-285	210-370	55	145	18	45	6000	41	605*220*210
WPV-160D	545	420	125	160	160	163	85	15	138	0-160	95-260	140-305	225-390	58	130	18	45	6000	53	625*250*210
WPV-160DL	635	510	125	160	160	163	85	15	138	0-250	95-350	140-395	225-495	58	130	18	89	6000	58	715*250*210
WPV-160XL	665	540	125	160	160	163	85	19	115	0-300	95-380	140-425	225-525	58	130	18	89	6000	65	745*250*210
WPV-200D	735	610	125	200	187	190	100	19	115	0-350	100-470	116-465	216-585	70	153	18	71	6000	92	820*270*250

BR精密油压虎钳

BR POWER MACHINE VISE-HYDRAULIC TYPE

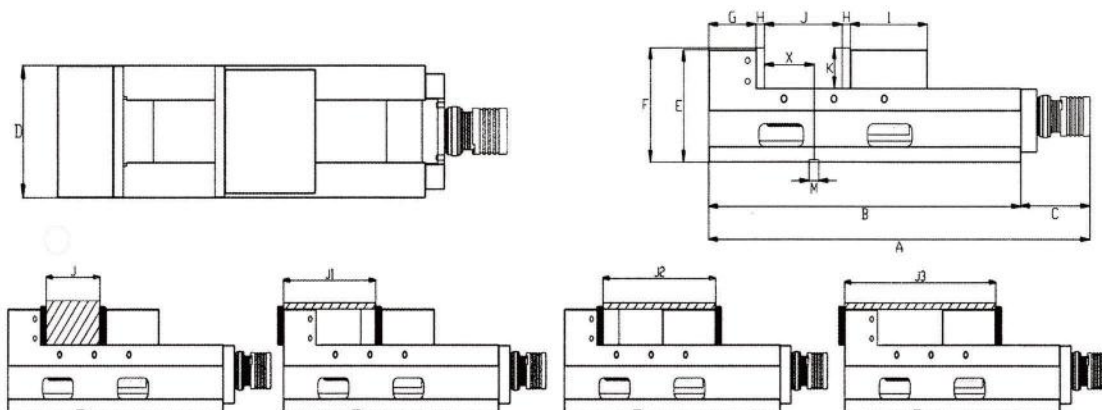
精密油压虎钳
POWER MACHINE VISE-HYDRAULIC TYPE



MODEL	A	B	C	D	E	F	G	H	I	J	J1	J2	J3	K	M	X	夹持力 (kgf)	净重 (kg)	CARTION
WHV-100D	475	340	135	102	130	133	65	15	110	0-130	65-210	110-240	175-305	48	18	45	4000	26	530*150*185
WHV-130D	550	415	135	130	147	150	75	15	138	0-180	75-270	125-305	213-393	55	18	65	4500	38	600*180*200
WHV-160D	650	515	135	160	160	163	85	15	138	0-240	85-320	138-358	223-443	58	18	99	4500	58	705*210*215
WHV-160DL	695	560	135	160	160	163	85	15	138	0-300	85-400	138-438	223-523	58	18	99	4500	61	750*210*215
WHV-200D	745	610	135	200	187	190	100	19	130	0-340	100-458	130-395	230-570	70	18	70	5000	90	800*250*240

BR倍力增压精密虎钳

BR PRECISION POWER VISE-MECHANICALLY



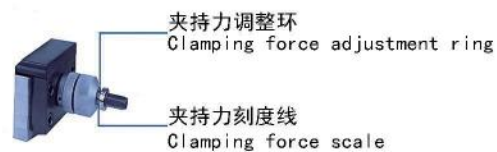
MODEL	A	B	C	D	E	F	G	H	I	J	J1	J2	J3	K	M	X	夹持力 (kgf)	净重 (kg)	CARTION
WGV-100D	464	340	124	102	130	133	65	15	110	0-130	65-210	110-240	175-305	48	18	45	4000	25	530*150*185
WGV-130D	539	415	124	130	147	150	75	15	138	0-180	75-270	125-305	213-393	55	18	65	4500	36	600*180*200
WGV-160D	639	515	124	160	160	163	85	15	138	0-240	85-320	138-358	223-443	58	18	99	4500	55	705*210*215
WGV-160DL	684	560	124	160	160	163	85	15	138	0-300	85-400	138-438	223-523	58	18	99	4500	58	750*210*215
WGV-200D	734	610	124	200	187	190	100	19	130	0-340	100-458	130-395	230-570	70	18	70	5000	89	800*250*240

BR精密定量式增压虎钳

BR MULTI-POWER SUPER TYPE

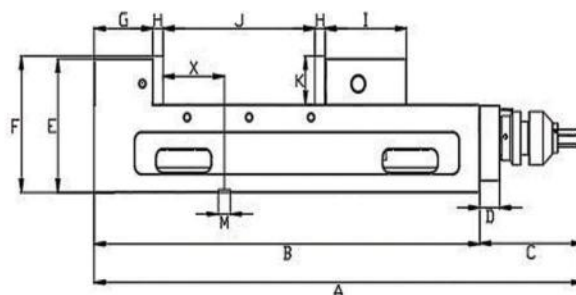
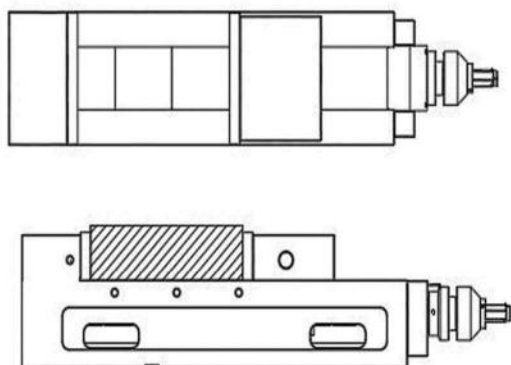
精密定量式增压虎钳

MULTI-POWER SUPER TYPE



调整夹持力调压环，可预调所需夹持力，操作简单，能确保每次加持力一致。

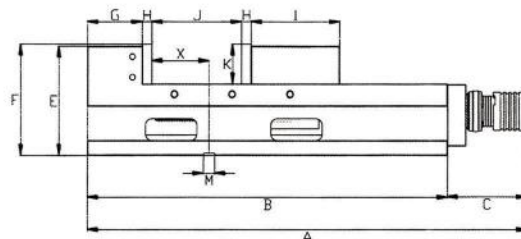
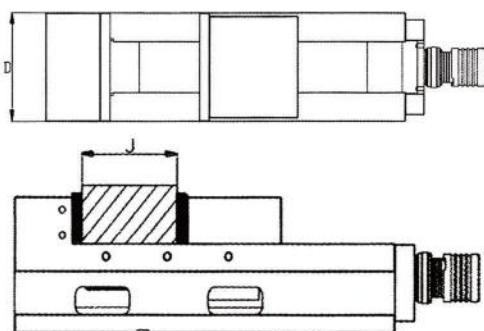
Adjusting stop ring: this simple and effective presetting device enables to preset each desired clamping force and it guarantees to repeat each clamping operation at the same clamping force.



MODEL	A	B	C	D	E	F	G	H	I	J	K	M	X	夹持力 (kgf)	毛重 (kg)	CARTION
WKV-100D	491	340	151	29	130	133	65	15	88	0-140	48	18	65	4500	30	530*150*185
WKV-130D	566	415	151	29	147	150	75	15	105	0-180	55	18	55	4500	40	600*180*200
WKV-160D	711	560	151	29	160	163	85	15	118	0-300	58	18	89	4500	63	705*210*215
WKV-200D	761	610	151	29	187	190	100	18	115	0-340	70	18	70	5000	90	800*250*240

BR分体式精密增压虎钳

BR PRECISION POWER VISE



MODEL	A	B	C	D	E	G	I	J	K	M	夹持力 (kgf)	毛重 (kg)	CARTION
WQV-100D	464	340	124	100	130	70	70	0-140	45	18	4500	27	530*150*185
WQV-130D	539	415	124	130	147	90	97	0-200	52	18	4500	38	600*180*200
WQV-160D	639	515	124	160	160	100	97	0-300	55	18	4500	58	705*210*215
WQV-200D	734	610	124	200	187	115	115	0-350	67	18	5000	84	800*250*240



CHUCKS SERIES



KM11A德标
KM11A DIN Standard



k11(DG)系列
K11(DG) Series



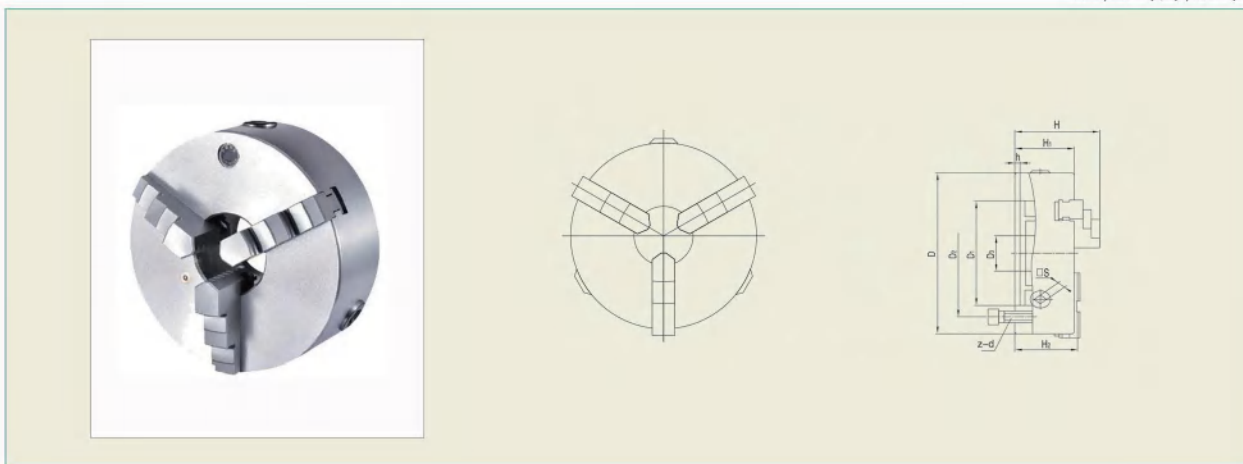
K72系列
K72 Series



K72重型钢体
K72 Heavy Steel Body

三爪自定心卡盘 THREE-JAW SELF-CENTERING CHUCKS

K11, K11 (QT), K11 (G)



订单号 Order No.	D1	D2	D3	H	H ₁	H ₂	h	S	Z-d	最大输入扭矩Nm Max input torque	极限转速r/minMax.spee			净重 kg Net WT.
											k11	k11 (QT)	K11(G)	
80	55	66	16	66	50	—	3.5	8	3-M6	40	4000	5000	6600	1.9
100	72	84	22	74.5	55	—	3.5	8	3-M8	60	3500	4500	6000	3.2
125	95	108	30	84	58	—	4	10	3-M8	100	3000	3800	4900	5
130	100	115	30	86	60	—	3.5	10	3-M8	100	3000	3800	4900	5.6
160	130	142	40	95	65	—	5	10	3-M8	160	2500	3000	3800	8.8
160A	130	142	40	109	65	71	5	10	3-M8	160	2500	3000	3800	8.3
165	130	145	40	96.5	66.5	—	4.5	12	3-M8	160	2500	3000	3800	9.5
190	155	172	55	105	75	—	5	12	3-M10	250	2000	2500	3000	13.8
200	165	180	65	109	75	—	5	12	3-M10	250	2000	2500	3000	15.5
200C	165	180	65	122	75	78	5	12	3-M10	250	2000	2500	3000	14.1
200A	165	180	65	122	75	80	5	12	3-M10	250	2000	2500	3000	14.1
240	195	215	70	120	80	—	8	12	3-M12	320	1600	2000	2400	24
240C	195	215	70	130	80	84	8	12	3-M12	320	1600	2000	2400	20
250	206	226	80	120	80	—	5	12	3-M12	320	1600	2000	2400	25.7
250C	206	226	80	130	80	84	5	12	3-M12	320	1600	2000	2400	23
250A	206	226	80	136	80	86	5	12	3-M12	320	1600	2000	2400	23
315	260	285	100	147	90	—	6	14	3-M16	400	1200	1500	1900	47
315A	260	285	100	153	90	95	6	14	3-M16	400	1200	1500	1900	41
320	270	290	100	152.5	95	—	11	13	3-M16	400	1200	1500	1900	47.5
320C	270	290	100	153.5	95	101.5	11	13	3-M16	400	1200	1500	1900	42
325	272	296	100	153.5	96	—	12	13	3-M16	400	1200	1500	1900	49
325C	272	296	100	154.5	96	102.5	12	13	3-M16	400	1200	1500	1900	44
325A	272	296	100	169.5	96	105.5	12	13	3-M16	400	1200	1500	1900	46
380	325	350	135	155.7	98	—	6	14	3-M16	500	1000	1200	1500	65
380C	325	350	135	156.5	98	104.5	6	14	3-M16	500	1000	1200	1500	60
380A	325	350	135	171.5	98	107.5	6	14	3-M16	500	1000	1200	1500	62
400	340	368	138	158	100	—	6	17	3-M16	500	1000	1200	1500	74
400D	340	368	138	172	100	108	6	17	3-M16	500	1000	1200	1500	71
500	440	465	210	184	115	—	6	17	6-M16	630	800	1000	1200	124
500D	440	465	210	202	115	126	6	17	6-M16	630	800	1000	1200	117.6
500A	440	465	210	202	115	126	6	17	6-M16	630	800	1000	1200	119
630	560	595	270	214	133.5	—	7	19	6-M16	800	600	800	1000	217
630D	560	595	270	218	133.5	142	7	19	6-M16	800	600	800	1000	208
630E	560	595	270	220.5	133.5	142	7	19	6-M16	800	600	800	1000	215
800D	710	760	385	250	161	170	8.5	21	6-M20	1000	500	600	800	250
800E	710	760	385	250	161	170	8.5	21	6-M20	1000	500	600	800	256
1000E	905	950	460	310	198	216	9	24	6-M24	1200	400	500	600	745.6
1250E	1060	1150	550	341	228	237	11	24	6-M30	1300	320	400	500	—
1600E	1340	1468	680	484	323	332	17	27	6-M36	1400	250	320	400	—
2000E	1258	1446	650	296.5	437.5	294.5	14	24	12-M24	—	—	—	—	4570

短锥三爪自定心卡盘

SHORT-TAPER THREE-JAW SELF-CENTERING CHUCKS

K11□/□



短锥卡盘性能参数

Short-taper Chucks Characteristic Parameters

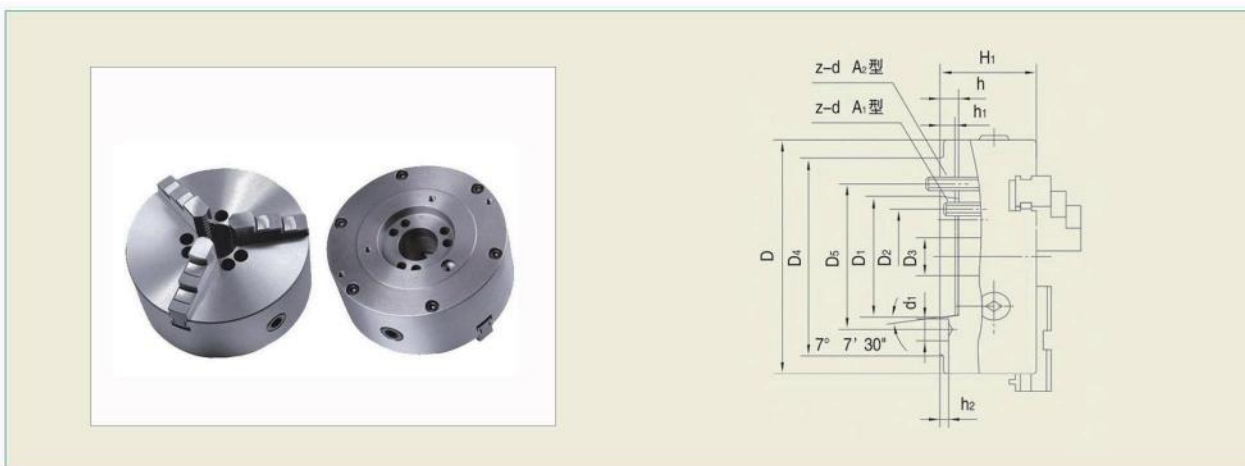
订单号 Order No.	最大输入扭矩Nm Max.input torque	极限转速 Max.speed r/min		
		灰铸铁 Gray cast iron	球墨铸铁 Nodular castiron	钢 Steel
125	100	3000	3800	4900
160	160	2500	3000	3800
200	250	2000	2500	3000
250	320	1600	2000	2400
315 325	400	1200	1500	1900
380 400	500	1000	1200	1500
500	630	800	1000	1200
630	800	600	800	1000
800	1000	500	600	800
1000	1200	400	500	600
1250	1300	320	400	500
1600	1400	250	320	400

短锥卡盘产品规格与主轴端部配套选择一览表

Selection Table for No. of Spindle Noses to Short-taper Chucks

卡盘规格 Size	系列 Series No.							
	I			II		III		
	连接形式 Mtg.fomm							
	A ₁	A ₂	C.D	A ₁	C.D	A ₁	A ₂	C.D
	主轴头号 Short-taper No.							
125	—	—	3	—	4	—	—	—
160	—	—	4	—	5	—	—	3
200	5	—	5	6	6	—	4	4
250	6	—	6	8	8	5	5	5
315	8	—	8	—	11	6	6	6
400	11	—	11	—	15	8	8	8
500	15	—	15	—	—	11	11	11
630	15	15	15	—	20	—	11	11
800	—	20	—	—	—	—	—	—
1000	—	20	—	—	—	—	—	—
1250	—	28	—	—	—	—	—	—
1600	—	28	—	—	—	—	—	—

短锥三爪自定心卡盘 SHORT-TAPER THREE-JAW SELF-CENTERING CHUCKS KSA型穿通螺钉连接FORM A MOUNTING FROM FRONT



A1型(内圈螺钉连接)
Form A1(Use Inner Tapped Holes)

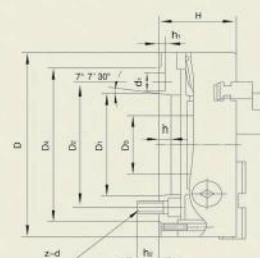
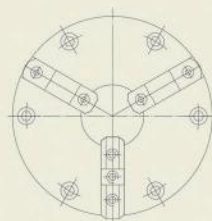
订单号 Order No.	D	D1	D2	D3	D4	D5	H ₁	h	h1	h2	d1	Z-d	净重 kg Net WT
200/A15 200C/A15 200A/A15	200	82.563	61.9	40	133	104.8	84	14.288	12	6.5	16.3	3-M10	17
250/A16 250C/A16 250A/A16	252	106.375	82.6	55	165	133.4	93	15.875	13	6.5	19.5	6-M12	31
325/A16 325C/A16 325A/A16	325	106.375	82.6	55	165	133.4	106	15.875	13	6.5	19.5	6-M12	52
325/A18 325C/A18 325A/A18	325	139.719	111.1	78	210	171.4	106	17.462	14	8	24.2	6-M16	52
380/A18 380C/A18 380A/A18	380	139.719	111.1	78	210	171.4	118	17.462	14	8	24.2	6-M16	53
500/A111	500	196.869	165.1	125	280	235	135	19.050	16	10	29.4	6-M20	159
500/A115	500	285.775	247.6	200	380	330.2	135	20.638	17	10	35.7	6-M24	159

A2型(内圈螺钉连接)
Form A2(Use Inner Tapped Holes)

订单号 Order No.	D	D1	D3	D4	D5	H ₁	h	h1	h2	d1	Z-d	净重 kg Net WT
200/A24 200C/A24 200A/A24	200	63.513	60	108	82.6	86	—	10	6.5	14.7	3-M10	17
500/A28	500	139.719	136	210	171.4	135	20	16	10	24.2	6-M16	159
500/A211	500	196.869	190	280	235	135	20	16	10	29.4	6-M20	159
630/A211	630	196.869	190	280	235	154	20	16	10	29.4	6-M20	312
630/A215	630	285.775	260	380	330.2	154	21	17	10	35.7	6-M24	312
800/A220	800	412.775	385	520	463.6	182	23	19	10	42.1	6-M24	—

短锥三爪自定心卡盘 SHORT-TAPER THREE-JAW SELF-CENTERING CHUCKS 2型 (过渡盘连接) FORM A2 (USE ADAPTER PLATE)

K11□/□



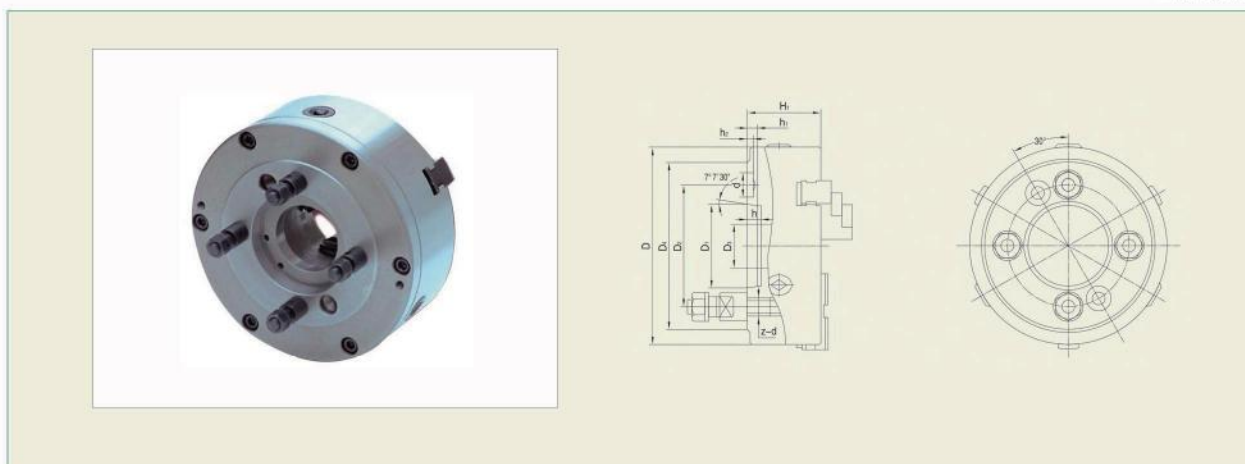
订单号 Order No.	D	D1	D2	D3	D4	d1	H	h	h1	h2	Z-d	净重 kg Net WT.
165/A25	165	82.563	104.8	40	133	16.3	82	13	7.5	21	6-M10	11
200/A25 200C/A25 200A/A25	200	82.563	104.8	65	165	19.5	95	16	8	23	6-M10	19
250/A26 250C/A26 250A/A26	252	106.375	133.4	80	165	19.5	105	14	8	20	6-M12	34
250/A28 250C/A28 250A/A28	252	139.719	171.4	80	210	24.2	105	16	10	25	6-M16	34
315/A28 315A/A28	315	139.719	171.4	100	210	24.2	120	16	8	22	6-M16	61
315/A211 315A/A211	315	196.869	235	100	280	29.4	120.5	16	10	31	6-M20	61
400D/A28	400	139.719	171.4	130	210	24.2	129	16	8	23	6-M16	47
400D/A211	400	196.869	235	130	280	29.4	130.5	16	10	27	6-M20	47
500D/A28	500	139.719	171.4	136	210	24.2	139	14.9	8	19	6-M16	159
500D/A211	500	196.869	235	192	280	29.4	139	16	10	24	6-M20	159
500D/A25 500A/A215	500	285.775	330.2	210	380	35.7	159.5	17	10	36	6-M24	159
630E/A211	630	196.869	235	191	280	29.4	174	16	10	27	6-M20	312
630E/A215	630	285.775	330.2	270	380	35.7	170	17	10	35	6-M24	312
630E/A220	630	412.775	463.6	318	520	42	174	19	10	11	6-M24	312
800E/A211	805	196.869	235	192.5	280	29.4	153	16	10	28	6-M20	—
800E/A215	800	285.775	330.2	281.5	380	35.7	149	17	10	30	6-M22	—
800E/A220	800	412.775	463.6	385	520	42	182	19	10	43	6-M24	—
1000E/A220	1000	412.775	463.6	385	520	42	214	19	10	33	6-M24	—

One-stop shop/OEM

短锥三爪自定心卡盘 SHORT-TAPER THREE-JAW SELF-CENTRING CHUCKS

C型: 拨盘、螺锁紧连 FORM C MOUNTING WITH STUDS AND LOCKNUTS

K11□/□

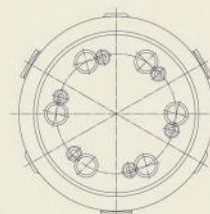
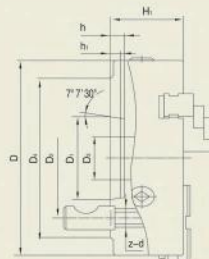


订单号 Order No.	D	D1	D2	D3	D4	H1	h	h1	h2	d1	Z-d	净重 kg Net WT.
125/C3	125	53.975	75	25	102	63	13	10	—	—	3-M10	30
125/C4	125	63.513	85	25	112	63	13	10	6.5	14.7	3-M10	30
160/C3 160A/C3	160	53.975	75	40	102	76	13	10	—	—	3-M10	10
160/C4 160A/C4	160	63.513	85	40	112	70	13	10	6.5	14.7	3-M10	10
160/C5 160A/C5	160	82.563	104.8	40	135	73	15	12	6.5	16.3	4-M10	10
200/C4 200C/C4 200A/C4	200	63.513	85	50	112	84	13	10	6.5	14.7	3-M10	17
200/C5 200C/C5 200A/C5	200	82.563	104.8	50	135	84	15	12	6.5	16.3	4-M10	17
200/C6 200C/C6 200A/C6	200	106.375	133.4	50	170	84	16	13	6.5	19.5	4-M12	17
250/C5 250C/C5 250A/C5	252	82.563	104.8	70	135	95	15	12	6.5	16.3	4-M10	30
250/C6 250C/C6 250A/C6	252	106.375	133.4	70	170	95	16	13	8	19.5	4-M12	30
250/C8 250C/C8 250A/C8	252	139.719	171.4	80	220	95	18	14	6.5	24.2	4-M16	30
325/C6 325C/C6 325A/C6	325	106.375	133.4	100	170	104	16	13	8	19.5	4-M12	53
325/C6 325C/C6 325A/C6	325	139.719	171.4	105	220	106	18	14	10	24.2	4-M16	53
325/C11 325C/C11 325A/C11	325	196.869	235	105	290	106	20	16	8	29.4	6-M20	53
380/C8 380C/C8 380A/C8	380	139.719	171.4	130	220	118	18	14	10	24.2	4-M16	79
380/C11 380C/C11 380A/C11	380	196.869	235	135	290	118	20	16	10	29.4	6-M20	79
500D/C11	500	196.869	235	190	290	135	20	16	10	29.4	6-M20	159
500D/C15	500	285.775	330.2	210	400	135	21	17	10	35.7	6-M24	159
630/C11	630	196.869	235	190	290	150	20	16	10	29.4	6-M20	312
630/C15	630	285.775	330.2	210	400	150	21	17	10	35.7	6-M24	312

短锥三爪自定心卡盘 SHORT-TAPER THREE-JAW SELF-CENTERING CHUCKS

D型: 拉杆、凸轮锁紧连FORM D MOUNTING WITH STUDS FOR CAMLOCKS

K11□/□



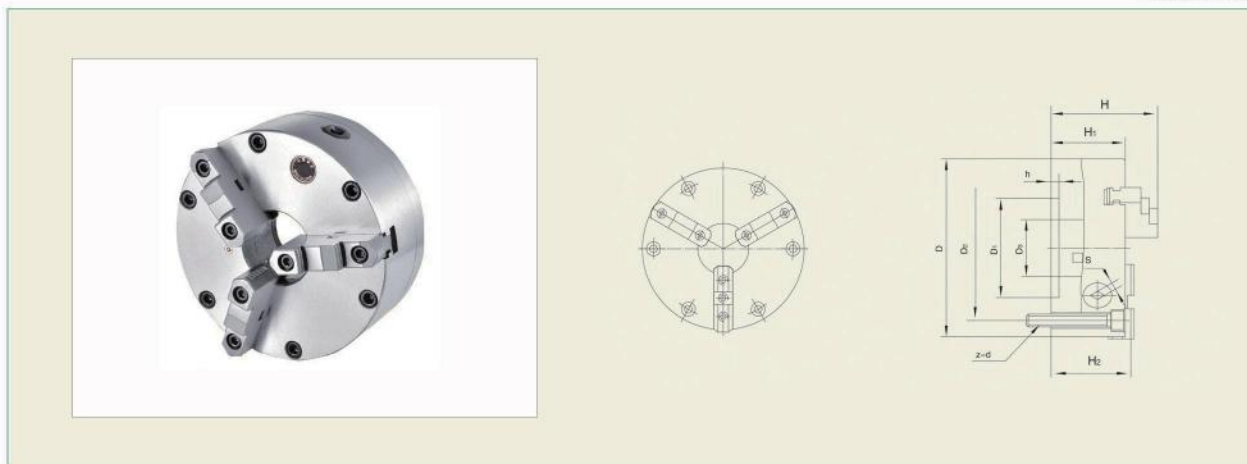
订单号 Order No.	D	D1	D2	D3	D4	H1	h	h1	Z-d	净重 kg Net WT
125/D3	125	53.975	70.6	25	92	63	13	10	3-M10×1	—
125/D3	125	63.513	82.6	25	117	63	13	10	3-M10×1	—
160/D3 160A/D3	160	53.975	70.6	40	92	76	13	10	3-M10×1	10
160/D4 160A/D4	160	63.513	82.6	40	117	70	13	10	3-M10×1	10
160/D5 160A/D5	160	82.563	105	40	146	73	15	12	6-M12×1	10
200/D4 200C/D4 200A/D4	200	63.513	82.6	50	117	86	13	10	3-M10×1	17
200/D5 200C/D5 200A/D5	200	82.563	105	50	146	86	15	12	6-M12×1	17
200/D6 200C/D6 200A/D6	200	106.375	133	50	181	86	16	13	6-M16×1.5	17
250/D5 250C/D5 250A/D5	252	82.563	105	70	146	95	15	12	6-M12×1	31
250/D6 250C/D6 250A/D6	252	106.375	133	70	181	98	16	13	6-M16×1.5	32
250/D8 250C/D8 250A/D8	252	139.719	171	80	225	98	18	14	6-M20×1.5	32
325/D6 325C/D6 325A/D6	325	106.375	133	100	181	103.5	16	13	6-M16×1.5	51
325/D8 325C/D8 325A/D8	325	139.719	171	105	225	103.5	18	14	6-M20×1.5	51
325/D11 325C/D11 325A/D11	325	196.869	235	105	298	103.5	20	16	6-M22×1.5	53
380/D8 380C/D8 380A/D8	380	139.719	171	130	225	118	18	14	6-M20×1.5	81
380/D11 380C/D11 380A/D11	380	196.869	235	135	298	118	20	16	6-M22×1.5	81
500A/D11	500	196.869	235	190	298	135	20	16	6-M22×1.5	159
500A/D15	500	285.775	330	210	403	135	21	17	6-M24×1.5	159
630/D11	630	196.869	235	190	298	150	20	16	6-M22×1.5	312
630/D15	630	285.775	330	210	403	150	21	17	6-M24×1.5	312

One-stop shop/OEM

短锥三爪自定心卡盘

SHORT-TAPER THREE-JAW SELF-CENTERING CHUCKS

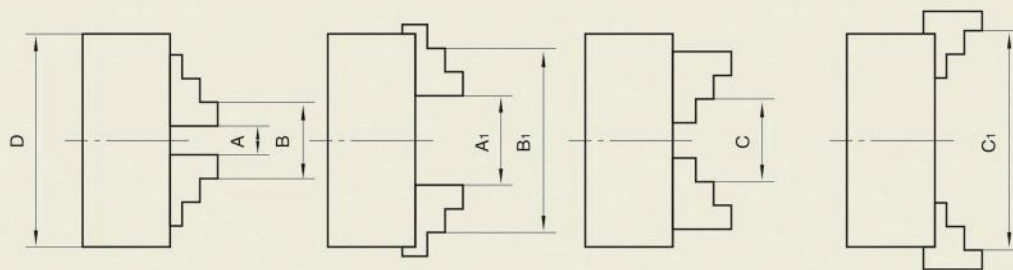
K21, K21 (G)



订单号 Order No.	D1	D2	D3	H	H1	H2	h	S	Z-d	最大输入扭矩Nm Max input torque	极限转速 r/min Max speed		净重 kg Net WT
											K21	K21(G)	
100	72	84	22	74.5	55	—	3.5	8	3-M8	60	3500	6000	3.2
125	95	108	30	84	58	—	4	10	3-M8	100	3000	4900	6
125A	95	108	30	97	58	62	4	10	3-M8	100	3000	4900	5.6
160	130	142	40	95	65	—	5	10	3-M8	160	2500	3800	8.8
160A	130	142	40	109	65	71	5	10	3-M8	160	2500	3800	8.3
165	130	145	40	96.5	66.5	—	4.5	12	3-M8	160	2500	3800	9.5
200	165	180	65	109	75	—	5	12	3-M10	250	2000	3000	15.5
200C	165	180	65	122	75	78	5	12	3-M10	250	2000	3000	14.1
200A	165	180	65	122	75	80	5	12	3-M10	250	2000	3000	14.1
250	206	226	80	120	80	—	5	12	3-M12	320	1600	2400	25.7
250C	206	226	80	130	80	84	5	12	3-M12	320	1600	2400	23
250A	206	226	80	136	80	86	5	12	3-M12	320	1600	2400	23
315	260	285	100	147	90	—	6	14	3-M16	400	1200	1900	47
315A	260	285	100	153	90	95	6	14	3-M16	400	1200	1900	41
380	325	350	135	155.7	98	—	6	14	3-M16	500	1000	1500	65
380C	325	350	135	156.5	98	104.5	6	14	3-M16	500	1000	1500	60
380A	325	350	135	171.5	98	107.5	6	14	3-M16	500	1000	1500	62
400	340	368	138	158	100	—	6	17	3-M16	500	1000	1500	74
400D	340	368	138	172	100	108	6	17	3-M16	500	1000	1500	71
500	440	465	210	184	115	—	6	17	6-M16	630	800	1200	124
500D	440	465	210	202	115	126	6	17	6-M16	630	800	1200	117.6
500A	440	465	210	202	115	126	6	17	6-M16	630	800	1200	119

三爪自定心卡盘 THREE-JAW SELF-CENTERING CHUCKS

K11, K11(QT), K11(G), K11□□, K15

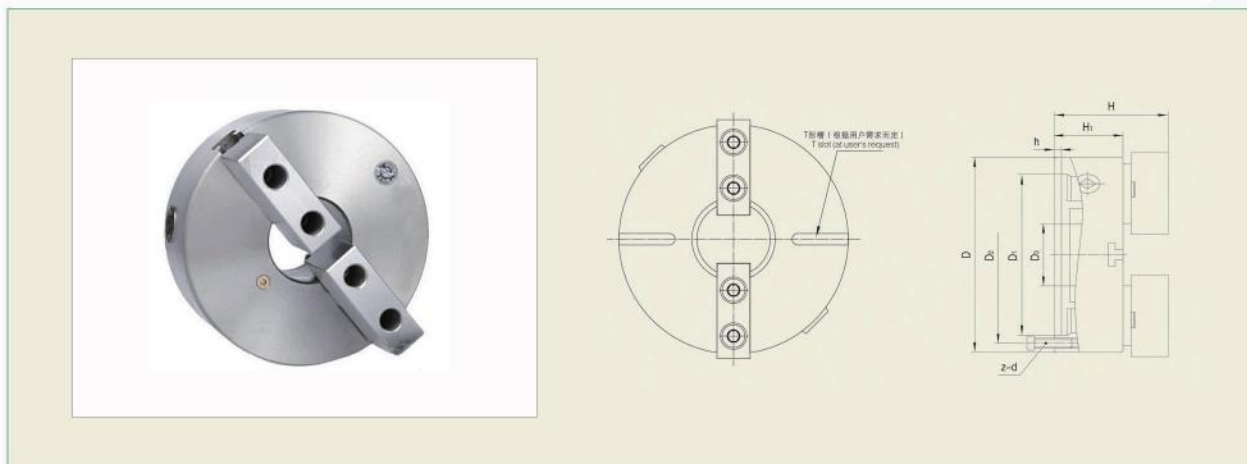


订单号 Order No.	正爪 Internal Jaw		反爪 External Jaw
	夹紧范围 Clamping range	撑紧范围 Jamming range	夹紧范围 Clamping range
	A-A1	B-B1	C-C1
80	2-22	25-70	22-63
100	2-30	30-90	30-80
125	2.5-40	38-125	38-110
130	3-40	40-130	40-120
160	3-55	50-160	55-145
165	4-60	52-165	55-150
190	4-70	65-190	65-190
200	4-85	65-200	65-200
240	6-100	80-250	90-250
250	6-100	80-250	60-250
315	10-140	95-315	100-315
320	11.5-145	95-320	110-320
325	11.5-165	95-350	110-340
380	11.5-210	95-400	110-400
400	15-210	120-400	120-400
500	25-280	150-400	150-500
630	50-350	170-630	170-630
800	120-450	300-800	300-800
1000	250-520	350-1000	400-1000
1250	320-600	420-1250	470-1250
1600	380-820	630-1600	550-1600

One-stop shop/OEM

二爪自定心卡盘 TWO-JAW SELF-CENTERING CHUCKS

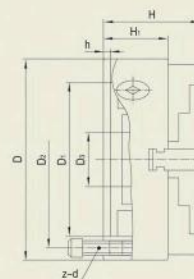
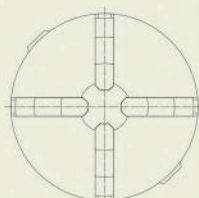
K10



订单号 Order No.	D1	D2	D3	H	H1	h	Z-d	净重 kg Net WT.
100F	72	84	22	88	55	3.5	3-M8	2.9
125F	95	108	30	97	58	4	3-M8	4.6
130F	100	115	30	99	60	3.5	3-M8	5.2
160F	130	142	40	115	65	5	3-M8	7.5
200F	165	180	65	132	75	5	3-M10	16
250F	206	226	80	146	80	5	3-M12	24
315F	260	285	100	163	90	6	3-M16	40
325F	272	296	100	184	96	12	3-M16	46
380F	325	350	135	186	98	6	3-M16	62
400F	340	368	130	189	100	6	3-M16	71
500F	440	465	210	210	115	6	6-M16	118
630F	560	595	270	226	133.5	7	6-M16	207
800F	710	760	385	300	161	8.5	6-M20	—
1000F	905	950	460	360	198	9	6-M24	—
1250F	1060	1150	550	391	228	11	6-M30	—
1600F	1340	1468	680	484	323	7	6-M36	—

四爪自定心卡盘 FOUR-JAW SELF-CENTERING CHUCKS

K12

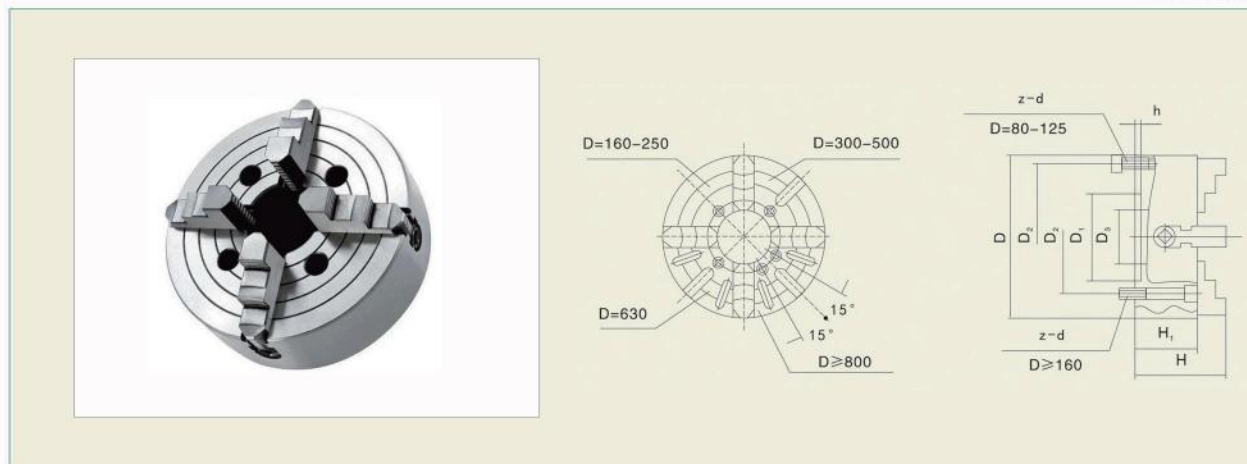


订单号 Order No.	D1	D2	D3	H	H1	h	Z-d	净重 kg Net Wt
80	55	66	16	66	50	3.5	4-M6	2
100	72	84	22	73	53.5	3.5	3-M8	3
125	95	108	30	84	58	4	3-M8	5
130	100	115	30	86	60	3.5	3-M8	5.6
160	130	142	40	95	65	5	3-M8	8.8
160A	130	142	40	109	65	5	3-M8	8.3
165	130	145	40	96.5	66.5	4.5	3-M8	9.8
190	155	172	55	105	75	5	3-M10	13.8
200	165	180	65	109	75	5	3-M10	15.5
200C	165	180	65	122	75	5	3-M10	14.1
200A	165	180	65	122	75	5	3-M10	14.1
240	195	215	70	120	80	8	3-M12	25
250	206	226	80	120	80	5	3-M12	26
250C	206	226	80	130	80	5	3-M12	23
250A	206	226	80	136	80	5	3-M12	23
325(325C)	272	296	100	153.5(154.5)	96	12	3-M16	50(45)
325A	272	296	100	169.5	96	12	3-M16	47
380(380C)	325	350	135	155.5(156.5)	98	6	3-M16	66(61)
380A	325	350	135	171.5	98	6	3-M16	63
400(400D)	340	368	138	158(172)	100	6	3-M16	75(72)
500(500A)	440	465	210	184(202)	115	6	6-M16	127(120)
630(630D)	560	595	270	214(218)	133.5	7	6-M16	219(210)
800D	710	760	285	250	161	8.5	6-M20	—
800E	710	760	385	250	161	8.5	6-M20	—
1000E	905	950	460	310	198	9	6-M24	—
1250E	1060	1150	550	341	228	11	6-M30	—
1600F	1340	1468	680	484	323	17	6-M36	—

One-stop shop/OEM

四爪单动卡盘 FOUR-JAW INDEPENDENT CHUCKS

K72, K72 (G)

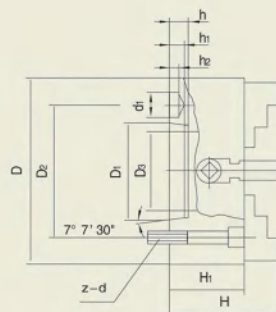


订单号 Order No.	D1	D2	D3	H	H1	h	Z-d	最大输入扭矩Nm Max input torque	极限转速 r/minMax speed		净重 kg Net WT.
									K72	K72(G)	
50	15	—	M14×1	54	40	4	—	—	—	—	—
80	55	66	22	56	42	3.5	4-M6	25	4000	4000	—
100	72	84	25	54	74	3.5	4-M8	30	3500	3500	3
125	95	108	30	78	56	4.5	4-M8	50	3000	3000	5
160	65	95	45	93	65	5	4-M10	70	2500	2500	9
200	80	112	56	107	75	6	4-M10	100	2000	2000	15
250	110	130	75	120	80	6	4-M12	150	1600	1600	23
300	152	130	75	134	90	6	4-M12	180	1200	1200	39
320	140	165	95	134	90	6	4-M16	200	1200	1200	40
350	130	168	95	134	90	6	4-M16	250	1200	1200	53
400	160	185	125	143	95	8	4-M16	280	1000	1000	55
450	180	205	140	147	100	8	4-M16	300	900	900	71
500	200	236	160	161	106	8	4-M20	350	800	800	102
630	220	258	180	180	118	10	4-M20	400	600	600	159
800	250	300	210	202	132	12	8-M20	500	500	500	255
1000	320	370	260	230	150	15	8-M20	600	400	400	418
1250	400	500	305	256	165	15	8-M20	700	300	300	—
1400	400	500	305	246	155	15	8-M20	800	260	260	—
1600	420	520	320	266	175	20	8-M24	900	200	200	—
2000	450	560	350	290	190	20	8-M30	1000	150	150	—

四爪单动卡盘

FOUR-JAW INDEPENDENT CHUCKS

K72□/□, K72□/□(G)

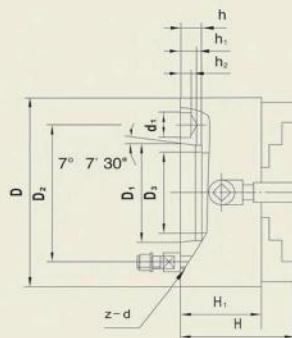


订单号 Order No.	主轴头号 Short taper No.	D1	D2	D3	H	H1	h	h1	h2	d1	Z-d	净重 kg Net WT
160	4	63.513	82.6	45	93	65	13	10	6.5	14.7	4-M10	9
200	4	63.513	82.6	56	107	75	13	10	6.5	14.7	4-M10	15
250	4	63.513	82.6	61	120	80	—	10	6.5	14.7	4-M10	23
320 350	4	63.513	82.6	61	134	90	—	10	6.5	14.7	4-M10	40, 53
200	5	82.563	104.8	56	107	75	15	12	6.5	16.3	4-M10	15
250	5	82.563	104.8	75	120	80	15	12	6.5	16.3	4-M10	23
320 350	5	82.563	104.8	79	134	90	—	12	6.5	16.3	4-M10	40, 53
400	5	82.563	104.8	79	143	95	—	12	6.5	16.3	4-M10	58
200	6	106.375	133.4	56	107	75	16	13	6.5	19.5	4-M12	15
250	6	106.375	133.4	75	120	80	16	13	6.5	19.5	4-M12	23
320 350	6	106.375	133.4	95	134	90	16	13	6.5	19.5	4-M12	40, 53
400	6	106.375	133.4	95	143	95	16	13	6.5	19.5	4-M12	58
500	6	106.375	133.4	103	161	106	—	13	6.5	19.5	4-M12	102
250	8	139.719	171.4	75	120	80	18	14	8	24.2	4-M16	23
320 350	8	139.719	171.4	95	134	90	18	14	8	24.2	4-M16	40, 53
400	8	139.719	171.4	125	143	95	18	14	8	24.2	4-M16	55
500	8	139.719	171.4	136	161	106	—	14	8	24.2	4-M16	102
320 350	11	196.869	235	95	134	90	20	16	10	29.4	4-M20	40, 53
400	11	196.869	235	125	143	95	20	16	10	29.4	4-M20	58
500	11	196.869	235	160	161	106	20	16	10	29.4	4-M20	102
630	11	196.869	235	180	180	118	20	16	10	29.4	4-M20	159
800	11	196.869	235	185	202	132	20	16	10	29.4	8-M20	255
1000	11	196.869	235	182	252.5	150	20	16	10	29.4	8-M20	—
500	15	285.775	330.2	160	161	106	21	17	10	35.7	4-M24	102
630	15	285.775	330.2	180	180	118	21	17	10	35.7	4-M24	159
800	15	285.775	330.2	210	202	132	21	17	10	35.7	8-M24	255
1000	15	285.775	330.2	280	230	150	21	17	10	35.7	8-M20	—
1000	15	285.775	330.2	280	230	150	21	17	10	35.7	8-M22	—
1000	15	285.775	330.2	280	230	150	21	17	10	35.7	8-M24	418
630	20	412.775	463.6	180	180	118	23	19	10	42.1	8-M24	159
800	20	412.775	463.6	305	360	132	23	19	10	42.1	8-M24	—
1000	20	412.775	463.6	305	360	150	23	19	10	42.1	8-M24	—
1250	20	412.775	463.6	305	360	165	23	19	10	42.1	8-M24	—
1400	20	412.775	463.6	305	360	155	23	19	10	42.1	8-M24	—
1600	20	412.775	463.6	305	360	175	23	19	10	42.1	8-M24	—
2000	20	412.775	463.6	305	290	190	23	19	10	42.1	8-M24	—

One-stop shop/OEM

四爪单动卡盘 FOUR-JAW INDEPENDENT CHUCKS

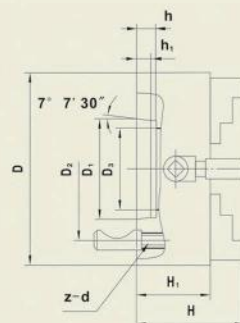
K72□/□, K72□/□(G)



订单号 Order No.	主轴头号 Short taper No.	D1	D2	D3	H	H1	h	h1	h2	d1	Z-d	净重 kg Net WT.
160	3	53.975	75	45	95	67	13	10	—	—	3-M10	9
200	3	53.975	75	51	107	75	—	10	—	—	3-M10	15
200	4	63.513	85	56	107	75	13	10	6.5	14.7	3-M10	15
250	4	63.513	85	61	120	80	—	10	6.5	14.7	3-M10	23
320 350	4	63.513	85	61	134	90	—	10	6.5	14.7	3-M10	40, 53
200	5	82.563	104.8	56	107	75	15	12	6.5	16.3	4-M10	15
250	5	82.563	104.8	75	120	80	15	12	6.5	16.3	4-M10	23
320 350	5	82.563	104.8	79	134	90	—	12	6.5	16.3	4-M10	40, 53
400	5	82.863	104.8	79	143	95	—	12	6.5	16.3	4-M10	55
200	6	106.375	133.4	56	107	75	16	13	6.5	19.5	4-M12	15
250	6	106.375	133.4	75	120	80	16	13	6.5	19.5	4-M12	23
320 350	6	106.375	133.4	95	134	90	16	13	6.5	19.5	4-M12	40, 53
400	6	106.375	133.4	95	143	95	16	13	6.5	19.5	4-M12	55
500	6	106.375	133.4	103	161	106	—	13	6.5	19.5	4-M12	102
250	8	139.719	171.4	75	120	80	18	14	8	24.2	4-M16	23
320 350	8	139.719	171.4	95	134	90	18	14	8	24.2	4-M16	40, 53
400	8	139.719	171.4	125	143	95	18	14	8	24.2	4-M16	55
500	8	139.719	171.4	135	161	106	—	14	8	24.2	4-M16	106
320 350	11	196.869	235	95	134	90	20	16	10	29.4	6-M20	40, 53
400	11	196.869	235	125	143	95	20	16	10	29.4	6-M20	68
500	11	196.869	235	160	161	106	20	16	10	29.4	6-M20	102
500	15	285.775	330.2	160	161	106	21	17	10	35.7	6-M24	102

四爪单动卡盘

FOUR-JAW INDEPENDENT CHUCKS

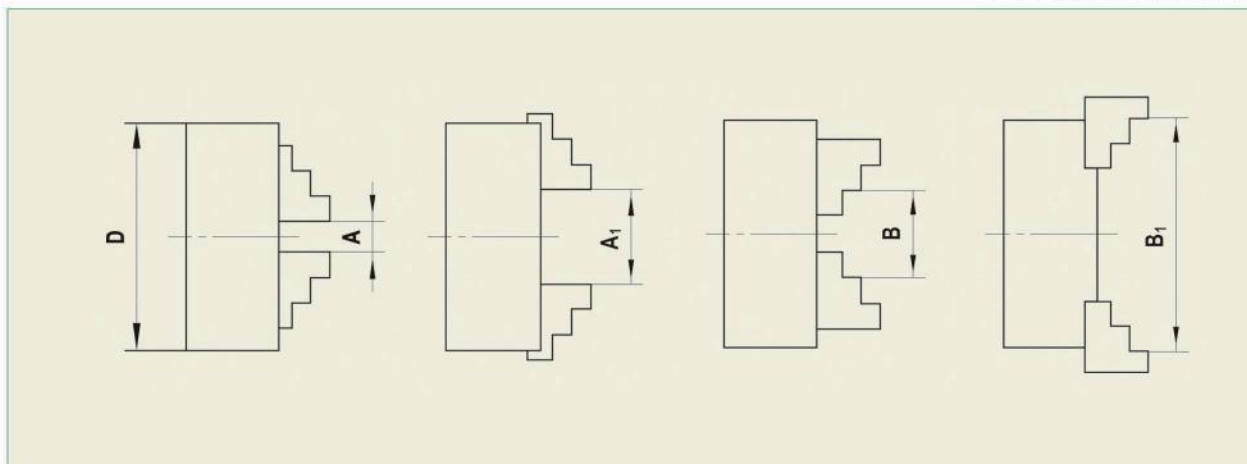


订单号 Order No.	主轴头号 Short taper No.	D1	D2	D3	H	H1	h	h1	Z-d	净重 kg Net WT.
160	3	53.975	70.6	45	95	67	13	10	3-M10×1	9
200	3	53.975	70.6	51	107	75	—	10	3-M10×1	15
200	4	63.513	82.6	56	107	75	13	10	3-M10×1	15
250	4	63.513	82.6	61	120	80	—	10	3-M10×1	23
320 350	4	63.513	82.6	61	134	90	—	10	3-M10×1	40, 53
200	5	82.563	104.8	56	107	75	15	12	6-M12×1	15
250	5	82.563	104.8	75	120	80	15	12	6-M12×1	23
320 350	5	82.563	104.8	79	134	90	—	12	6-M12×1	40, 53
400	5	82.563	104.8	79	143	95	—	12	6-M12×1	55
250	6	106.375	133.4	75	120	80	16	13	6-M16×1.5	23
320 350	6	106.375	133.4	95	134	90	16	13	6-M16×1.5	40, 53
400	6	106.375	133.4	95	143	95	16	13	6-M16×1.5	55
500	6	106.375	133.4	103	161	106	—	13	6-M16×1.5	102
320 350	6	139.719	171.4	95	134	90	18	14	6-M20×1.5	40, 53
400	8	139.719	171.4	125	143	95	18	14	6-M20×1.5	55
500	8	139.719	171.4	136	161	106	—	14	6-M20×1.5	106
400	11	196.869	235	125	143	95	20	16	6-M22×1.5	68
500	11	196.869	235	160	161	106	20	16	6-M22×1.5	102
630	11	196.869	235	180	180	118	20	16	6-M22×1.5	159
500	15	285.775	330.2	160	161	106	21	17	6-M24×1.5	106
630	15	285.775	330.2	180	180	118	21	17	6-M24×1.5	159

One-stop shop/OEM

四爪单动卡盘 FOUR-JAW INDEPENDENT CHUCKS

K72, K72(G), K72□/□, K72□/□(G)

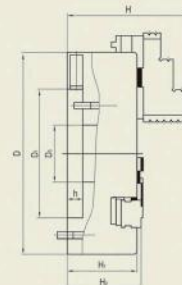
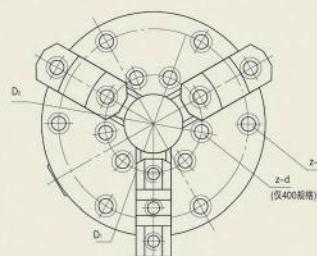


订单号 Order No.	正卡爪夹紧范围 Internal jaws clamping range	反卡爪夹紧范围 External jaws clamping range
	A-A ₁	B-B ₁
80	5-35	35-80
100	6-45	40-100
125	7-57	48-125
160	8-80	50-160
200	10-100	63-200
250	15-130	80-250
300	20-156	100-300
315	20-170	100-315
320	20-176	100-320
350	20-206	100-350
400	25-250	118-400
450	30-280	120-450
500	35-300	125-500
630	50-400	160-630
800	70-540	200-800
1000	100-680	250-1000
1250	200-750	400-1250
1400	200-800	400-1400
1600	250-850	500-1600
2000	300-900	600-2000

精密可调自定心卡盘

ADJUSTABLE PRECISION SELF-COMBINATION CHUCKS

KM31 (33) (DG)

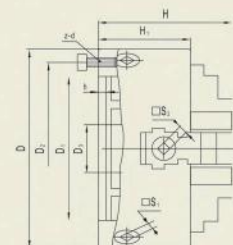
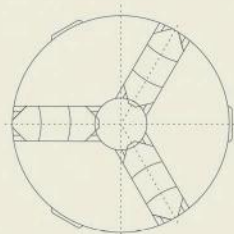


订单号 Order No.	D	D1	D2	D3	H	H1	H2	h	Z-d	极限转速 r/min Max speed	净重 kg Net WT
KM31125(5") A(DG)	125	55	108	35	100	60	64.8	15	3-M8	5500	6
KM31160(6") A(DG)	160	86	140	42	114.4	71	76	18	3-M10	4600	10
KM33160(6") A(DG)	160	86	140	42	114.4	71	76	18	3-M10	3200	10
KM31200(8") A(DG)	200	110	176	55	125.5	80.5	85.3	20	3-M10	4000	20
KM33200(8") A(DG)	200	110	176	55	125.5	80.5	85.3	20	3-M10	2800	21
KM31250(10") A(DG)	250	145	224	76	147.5	94.5	99.3	20	3-M12	3500	31
KM33250(10") A(DG)	250	145	224	76	147.5	94.5	99.3	20	3-M12	2400	33
KM31315(12") A(DG)	315	180	286	103	151.4	94.4	99.5	20	3-M16	2800	53
KM33315(12") A(DG)	315	180	286	103	151.4	94.5	99.5	20	3-M16	2400	55
KM31400(16") A(DG)	400	299.237	171.5	136	191.5	123	133	22	6-M16	2000	89
KM33400(16") A(DG)	400	299.237	171.5	136	191.5	123	133	22	6-M16	1400	92

One-stop shop/OEM

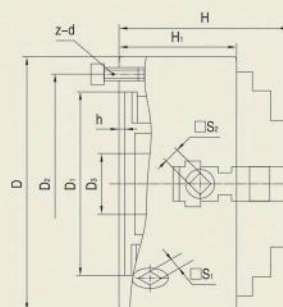
三爪复合卡盘 THREE-JAW COMBINATION CHUCKS

K61, K62



订单号 Order No.	D1	D2	D3	H1	H	h	S1	S2	Z-d	净重 kg Net WT
160	130	142	42	87	115	5	10	8	3-M8	11
200	165	180	65	97	127	5	12	10	3-M10	18
250	206	226	80	102	142	5	12	10	3-M12	29
325	272	296	100	120	163	6	13	12	3-M16	46
500	440	465	210	147	202.3	6	17	14	6-M16	—

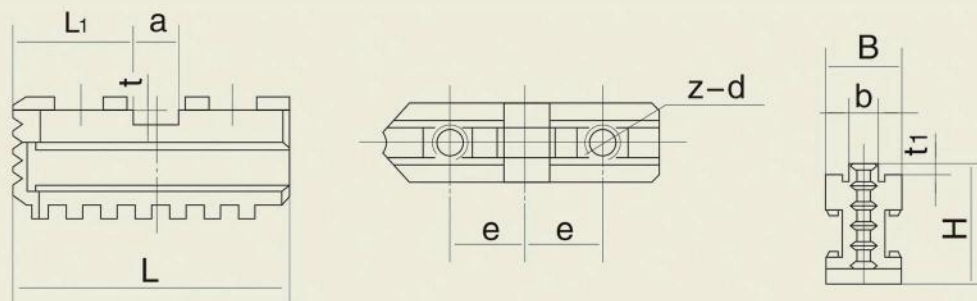
四爪复合卡盘 FOUR-JAW COMBINATION CHUCKS



订单号 Order No.	D1	D2	D3	H1	H	h	S1	S2	Z-d	净重 kg Net WT
160	130	142	42	87	115	5	10	8	3-M8	11
200	165	180	65	97	127	5	12	10	3-M10	18
250	206	226	80	102	142	5	12	10	3-M12	29
325	272	296	100	120	163	6	13	12	3-M16	46
500	440	465	210	147	202.3	6	17	14	6-M16	—

A型、D型分离爪

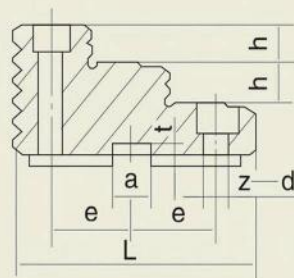
TWO-PIECE JAWS FOR FORM A, D



订单号 Order No.	160	200	250	315	325		380	400	500	630	800
L	64	80	98	108	108	114	114	114	15.2	195	260
L1	29	34.9	39.7	47.6	47.6	47.5	47.5	47.5	47.5	49.9	60
B	20	22	27	36	36	36	36	36	45	50	60
H	33	35	38	42	42	46	46	46	55	60	63
a	12.675	12.675	19.025	19.025	19.025		19.025	19.025	19.025	19.025	19.025
b	7.94	7.94	12.7	12.7	12.7		12.7	12.7	12.7	12.7	12.7
e	19	22.2	27	31.75	31.75	38.1	38.1	38.1	38.1	38.1	38.1
t	4	4.2	4.2	4.2	42	7	7	7	7	7	7
t1	3	3	3	3	3		3	3	3	3	3
z-d	2-M10	2-M10	2-M12	3-M12	3-M12	3-M16	3-M16	3-M16	4-M20	5-M20	6-M20

C型分离爪

TWO-PIECE JAWS FOR FORM C

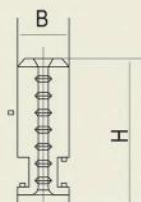
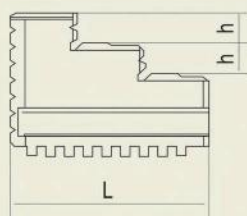
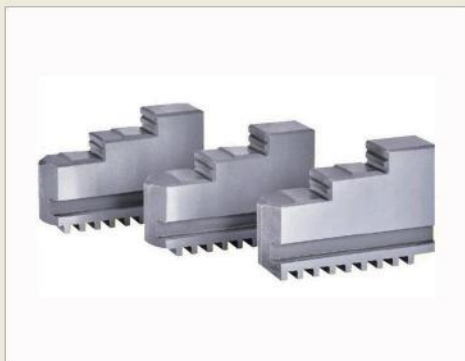


订单号 Order No.	L	B	H	h	a	b	e	t	t1	z-d
200	88	22	44	12	13	11	28	7	3	2-9
240	108	27	46	12	13	13	35	7	3	2-11
250	108	27	46	12	13	13	35	7	3	2-11

One-stop shop/OEM

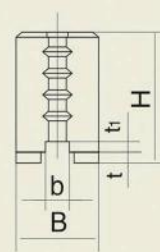
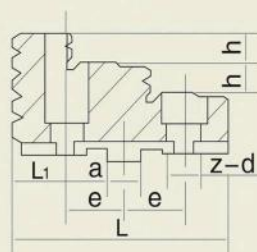
三爪自定心卡盘卡爪 THREE-JAW SELF-CENTERING CHUCK JAWS 整体爪 ONE-PIECE JAWS

K11, K11 (QT), K11 (G), K11□/□, K15



订单号 Order No.	80	100	125	130	160	165	190	200	240	250	315 325	320 380	400	500	630
L	32	42	56	56	70	70	72	85	105	105	130	130	130	172	210
B	12	15	16	16	18.5	18.5	22	22	27	27	36	36	36	45	50
H	33	38	45	45	54	54	57	61	69	69	91	91	91	110	127
h	6.5	7	9	9	12	12	12	12	12	12	18	18	18	22	22

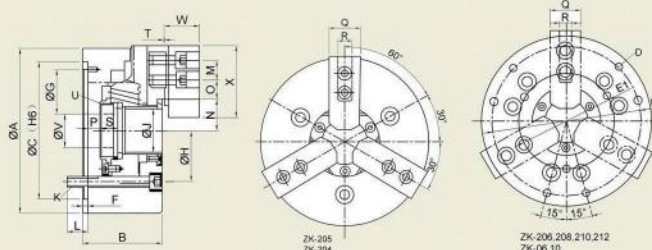
A型、D型分离爪 TWO-PIECE JAWS FOR FORM A, D



订单号 Order No.	160	200	250	315	325	385	400	500	630	800
L	67	67	95	110	110	130	130	132	132	145
L1	29	29	39.7	47.6	47.658	58	58	57	59	64
B	25	25	36	45	45	45	45	45	50	60
H	41	41	53	61	61.70	70	70	82	82	86
h	9	9	13.5	17.5	17.517	17	17	22	22	22
a	12.675	12.675	19.025	19.025	19.025	19.025	19.025	19.025	19.025	19.025
b	7.94	7.94	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
e	19	19	27	31.75	31.75 38.1	38.1	38.1	38.1	38.1	38.1
t	3	3	3	3	3 6	6	6	6	6	6
t1	4	4	4	4	4	4	4	4	4	4
z-d	2-11	2-11	2-13	2-13	2-13 2-18	2-18	2-18	2-22	2-22	2-22

ZK三爪高速中空液压卡盘

3-JAW HIGH SPEED HOLLOW POWER CHUCKS



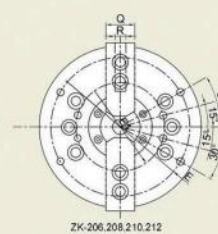
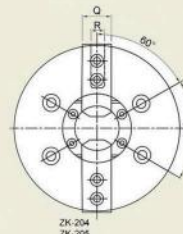
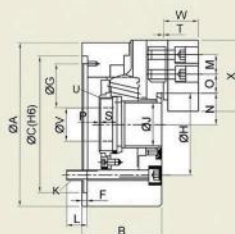
订单号 Order No.	A (mm)	B (mm)	C(H6) (mm)	D (mm)	E (mm)	E1 (mm)	F (mm)	G (mm)	H (mm)	J (mm)	K (mm)	L (mm)	M (mm)	N max (mm)
ZK-204	110	59	85				4	—	70.6	26	3-M10×1.5P	15	14	23
ZK-205	135	60	110				4	96	82.6	33	3-M10×1.5P	15	14	26.5
ZK-206	168	81	140	M8	145	85	5	116	104.8	45	6-M10×1.5P	16	20	32.0
ZK-208	210	91	170	M10	180	115	5	150	133.4	52	6-M12×1.75P	18	25	38.7
ZK-210	254	100	220	M10	225	140	5	190	171.4	75	6-M16×2P	19	30	51.0
ZK-212	304	110	220				6	190	171.4	91	6-M16×2P	25	30	61.3
ZK-215	381	133	300				6	260	235.0	117.5	6-M20×2.5P	28	43	82.7

订单号 Order No.	Nmin (mm)	Omax (mm)	Omin (mm)	Pmax (mm)	P min(mm)	Q (mm)	R (mm)	S (mm)	T (mm)	U (mm)	V (mm)	W (mm)	X (mm)
ZK-204	20.3	11	6	3.5	-3.5	23	10	17.5	2	M32×1.5P	12	24	52
ZK-205	23.80	19	6	1	-9	25	10	19.0	2	M40×1.5P	12	31.5	62
ZK-206	29.25	24	7	11	-1	31	12	19.0	2	M55×2P	20	37	73
ZK-208	35.00	30	10	14.5	-1.5	35	14	20.0	2	M60×2P	30	39	95
ZK-210	46.60	34	12	8.5	-10.5	40	16	25.0	2	M85×2P	40	43	110
ZK-212	56.00	46	12	8	-15	50	21	28.0	2	M100×2P	50	51	129
ZK-215	77.40	46	13	8	-15	62	22	42.5	5	M130×2P	60	66	165

订单号 Order No.	通孔直径 Thru-Hole (DIA. mm)	柱塞行程 Plunger Stroke	爪行程(直径) Jaw Stroke (DIA. mm)	最高回转速 Max Speed (min)	最大拉力 Max Pull Force kgf. (kN)	最大静夹持力 Max Gripping Force kgf. (kN)	匹配油缸型号 Matching Cylinder	夹持范围 Gripping Range		最高使用压力 Max Pressure kgf/cm ² (Mpa)	重量 Weight (kg)
								最大Max.	最小Min.		
ZK-204	26.0	10	5.4	8000	1400(13.7)	2900(28)	SH428	110	7	29(2.3)	4.0
ZK-205	33.0	10	5.4	7000	1730(17)	3550(35)	SH1036	135	10	29(2.8)	6.0
ZK-206	45.0	12	5.5	6000	2140(21)	5700(56)	SH1246	168	13	28(2.7)	12.5
ZK-208	52.0	16	7.4	4800	3350(33)	8350(82)	SH1552	210	16	26(2.5)	22.0
ZK-210	75.0	19	8.8	4200	4280(42)	11000(108)	SH1875	254	25	27(2.6)	33.6
ZK-212	91.0	23	10.6	3300	5500(55)	14300(140)	SH2091	304	23	27(2.6)	55.3
ZK-215	117.5	23	10.6	2500	7200(71)	18200(178)	SH2511	381	42	25(2.4)	106.8

One-stop shop/OEM

ZKL二爪高速中空液压卡盘 2-JAW HIGH SPEED HOLLOW POWER CHUCKS



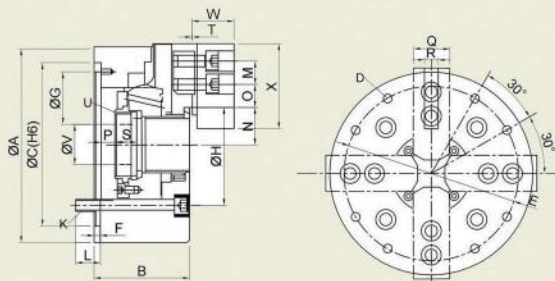
订单号 Order No.	A (mm)	B (mm)	C(H6) (mm)	D (mm)	E (mm)	E1 (mm)	F (mm)	G (mm)	H (mm)	J (mm)	K (mm)	L (mm)	M (mm)	N max (mm)
ZKL-204	110	59	85				4	-	70.6	26	4-M10×1.5P	15	14	23
ZKL-205	135	60	110				4	96	82.6	33	4-M10×1.5P	15	14	26.5
ZKL-206	168	81	140	M8	145	85	5	116	104.8	45	6-M10×1.5P	16	20	32.0
ZKL-208	210	91	170	M10	180	115	5	150	133.4	52	6-M12×1.75P	18	25	38.7
ZKL-210	254	100	220	M10	225	140	5	190	171.4	75	6-M16×2P	19	30	51.0
ZKL-212	304	110	220				6	190	171.4	91	6-M16×2P	25	30	61.3
ZKL-215	381	133	300				6	260	235.0	117.5	6-M20×2.5P	28	43	82.7

订单号 Order No.	Nmin (mm)	Omax (mm)	Omin (mm)	Pmax (mm)	P min (mm)	Q (mm)	R (mm)	S (mm)	T (mm)	U (mm)	V (mm)	W (mm)	X (mm)
ZKL-204	20.3	11	6	3.5	-3.5	23	10	17.5	2	M32×1.5P	12	24	52
ZKL-205	23.8	19	7	1	-9	25	10	19	2	M40×1.5P	12	31.5	62
ZKL-206	29.25	24	10	11	-1	31	12	19	2	M55×2P	20	37	73
ZKL-208	35	30	12	14.5	-1.6	36	14	20	2	M60×2P	30	39	95
ZKL-210	46.6	34	12	8.5	-10.5	40	16	25	2	M85×2P	40	43	110
ZKL-212	56	46	13	8	-15	50	21	28	2	M100×2P	50	51	129
ZKL-215	77.4	46		8	-15	62	22	42.5	5	M130×2P	60	66	165

订单号 Order No.	通孔直径 Thru-Hole (DIA:mm)	柱塞行程 Plunger Stroke	爪行程(直径) Jaw Stroke (DIA:mm)	最高回转速 Max.Speed (min)	最大拉力 Max.Pull Force kgf (KN)	最大静夹持力 Max.Gripping Force kgf (KN)	搭配油缸型号 Matching Cylinder	夹持范围 Gripping Range		最高使用压力 Max.Pressure kgf/cm²(Mpa)	重量 Weight (kg)
								最大Max.	最小Min.		
ZKL-205	33	10	5.4	7000	1100(11)	2430(23)	SH1036	135	12	18.5(1.8)	6.5
ZKL-206	45	12	5.5	6000	1400(14)	3750(37)	SH1246	168	14	18.5(1.8)	13
ZKL-208	52	16	7.4	4800	2200(22)	5700(56)	SH1552	210	16	17.0(1.7)	22.5
ZKL-210	75	19	8.8	4200	2800(27)	7420(73)	SH1875	254	31	18.0(1.8)	35.5
ZKL-212	91	23	10.6	3300	2680(26)	9680(95)	SH2091	304	34	18.0(1.8)	52
ZKL-215	117.5	23	10.6	2500	4700(46)	12100(119)	SH2511	381	37	17.0(1.7)	103.5

ZKS 四爪高速中空液压卡盘

4-JAW HIGH SPEED HOLLOW POWER CHUCKS



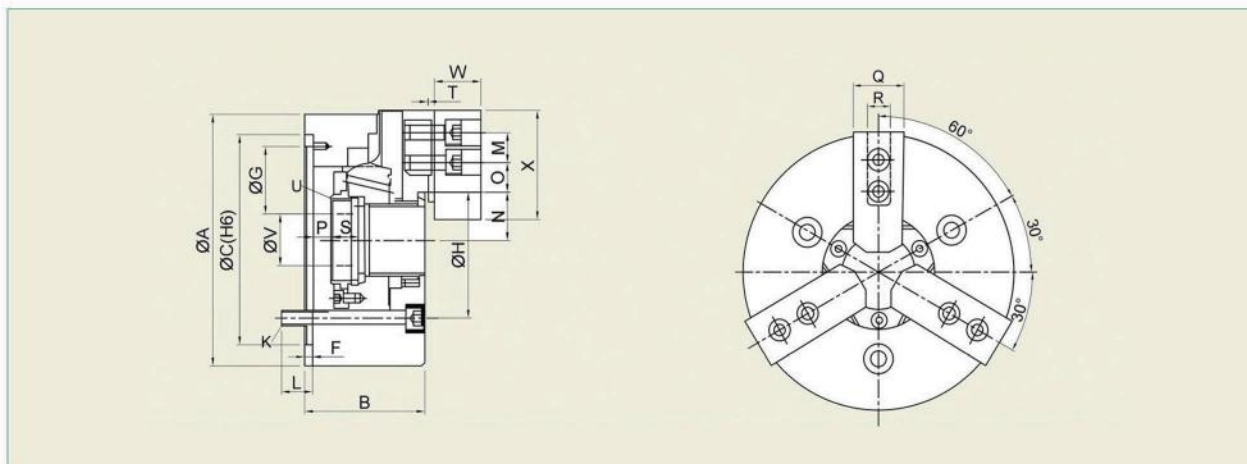
订单号 Order No.	A (mm)	B (mm)	C(H6) (mm)	D (mm)	E (mm)	E1 (mm)	F (mm)	G (mm)	H (mm)	J (mm)	K (mm)	L (mm)	M (mm)	N max (mm)
ZKS-205	135	60	110				4	96	82.6	33	4-M10×1.5P	15	14	28.5
ZKS-206	168	81	140	M8	145	85	5	116	104.8	45	4-M10×1.5P	16	20	32.0
ZKS-208	210	91	170	M10	180	115	5	150	133.4	52	4-M12×1.75P	18	25	38.7
ZKS-210	254	100	220	M10	225	140	5	190	171.4	75	4-M16×2P	19	30	51.0
ZKS-212	304	110	220				6	190	171.4	91	4-M16×2P	25	30	61.3
ZKS-215	381	133	300				6	260	235.0	117.5	4-M20×2.5P	28	43	82.7

订单号 Order No.	Nmin (mm)	Omax (mm)	Omin (mm)	Pmax (mm)	P min (mm)	Q (mm)	R (mm)	S (mm)	T (mm)	U (mm)	V (mm)	W (mm)	X (mm)
ZKS-205	23.80	19	6	1	-9	25	10	19.0	2	M40×1.5P	12	31.5	62
ZKS-206	29.25	24	7	11	-1	31	12	19.0	2	M55×2P	20	37	73
ZKS-208	35.00	30	10	14.5	-1.6	35	14	20.0	2	M60×2P	30	39	95
ZKS-210	46.60	34	12	8.5	-10.5	40	16	25.0	2	M85×2P	40	43	110
ZKS-212	56.00	46	12	8	-15	50	21	28.0	2	M100×2P	50	51	129
ZKS-215	77.40	46	13	8	-15	62	22	42.5	5	M130×2P	60	66	165

订单号 Order No.	通孔直径 Thru-Hole (DIA. mm)	柱塞行程 Plunger Stroke	爪行程(直径) Jaw Stroke (DIA. mm)	最高转速 Max. Speed (min)	最大拉力 Max. Pull Force kgf (KN)	最大静夹持力 Max. Gripping Force kgf (KN)	搭配油缸型号 Matching Cylinder	夹持范围 Gripping Range		最高使用压力 Max. Pressure kgf/cm² (Mpa)	重量 Weight (kg)
								最大Max	最小Min.		
ZKS-205	33.0	10	5.4	7000	1730 (17)	3550 (35)	SH1036	135	10	29 (2.8)	6.0
ZKS-206	45.0	12	5.5	4500	1630 (16)	41800 (41)	SH1246	168	22	28 (2.1)	14.2
ZKS-208	52.0	16	7.4	3600	2240 (24)	6000 (59)	SH1552	210	25	19 (1.9)	24.5
ZKS-210	75.0	19	8.8	3200	3160 (31)	8000 (78)	SH1875	254	26	20 (2.0)	38.0
ZKS-212	91.0	23	10.6	2500	4080 (40)	10400 (102)	SH2091	304	35	20 (2.0)	60.5
ZKS-215	117.5	23	10.6	1800	5400 (53)	13600 (133)	SH2511	381	63	19 (1.9)	111.5

One-stop shop/OEM

DTK大孔径中空卡盘 3-JAW LARGE THRU-HOLE POWER CHUCKS

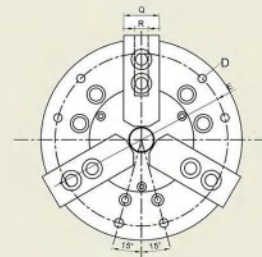
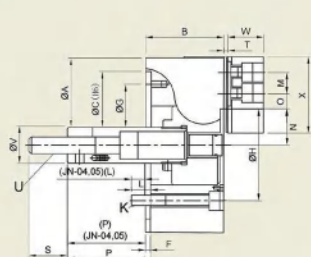


订单号 Order No.	A (mm)	B (mm)	C(H6) (mm)	F (mm)	G (mm)	H (mm)	J (mm)	K (mm)	L (mm)	M (mm)	N max (mm)
DTK-206	168	140	140	5	116	104.8	45	6-M10×1.5P	15	20	32.0
DTK-208	210	170	170	5	150	133.4	52	6-M12×1.75P	16	25	38.7
DTK-210	254	220	220	5	190	171.4	75	6-M16×2P	16	30	51.0

订单号 Order No.	Nmin (mm)	Omax (mm)	Omin (mm)	Pmax (mm)	P min (mm)	Q (mm)	R (mm)	S (mm)	T (mm)	U (mm)	V (mm)	W (mm)	X (mm)
DTK-206	29.25	24	7	11	-1	31	12	19.0	2	M60×2P	20	37	73
DTK-208	35.00	30	10	14.5	-1.6	35	14	20.0	2	M75×2P	30	39	95
DTK-210	46.60	34	12	8.5	-10.5	40	16	25.0	2	M95×2P	40	43	110

订单号 Order No.	通孔直径 Thru-Hole (DIA mm)	柱塞行程 Plunger Stroke	爪行程(直径) Jaw Stroke (DIA mm)	最高回转速 Max.Speed (min)	最大拉力 Max.Pull Force kgf (KN)	最大静夹持力 Max.Gripping Force kgf (KN)	搭配油缸型号 Matching Cylinder	夹持范围 Gripping Range		最高使用压力 Max.Pressure kgf/cm (Mpa)	重量 Weight (kg)
								最大Max.	最小Min.		
DTK-206	52.0	12	5.5	6000	2140 (21)	5700 (56)	SH1246	168	13	28 (2.7)	12.5
DTK-208	66.0	16	7.4	4800	3350 (33)	8350 (82)	SH1552	210	16	26 (2.5)	22.0
DTK-210	85.0	19	8.8	4200	4280 (42)	11000 (108)	SH1875	254	25	27 (2.6)	33.6

ZS三爪中实液压卡盘 3-JAW SOLID POWER CHUCKS



注1) ZS-21,ZS-24:60°
注2) ZS-21,ZS-24:0°

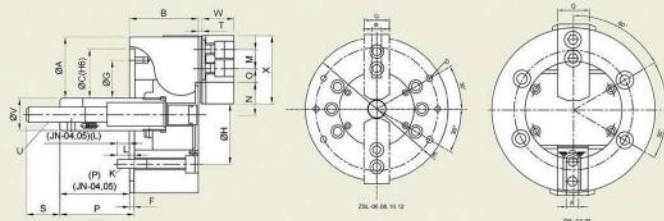
订单号 Order No.	A (mm)	B (mm)	C(H6) (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	K (mm)	L (mm)	M (mm)	N max (mm)	Nmin (mm)
ZS-04	110	52	60			6	—	80	3-M8	12	14	23.3	20.10
ZS-05	135	55	80			7	—	100	3-M8	14	14	30.4	27.20
ZS-06	165	74	140	M8	145	5	116	104.8	6-M10	14	20	37.8	33.55
ZS-08	210	85	170	M10	180	5	150	133.4	6-M12	18	25	46.3	41.90
ZS-10	254	89	220	M10	225	5	190	171.4	6-M16	20	30	51.4	47.00
ZS-12	304	106	220			6	190	171.4	6-M16	20	30	60.7	55.45
ZS-15	381	114	300			6	260	235	6-M20	30	43	77.5	69.50
ZS-18	450	114	300			6	260	235	6-M20	30	43	108.0	100.00
ZS-21	530	125	380			6	330.2	330.2	6-M20	31	60	86.0	78.00
ZS-24	610	125	380			6	330.2	330.2	6-M20	31	60	125.0	117.00

订单号 Order No.	Omax (mm)	Omin (mm)	Pmax (mm)	P min (mm)	Q (mm)	R (mm)	S (mm)	T (mm)	U (mm)	V (mm)	W (mm)	X (mm)
ZS-04	11.25	8.25	18	3.0	23	10.0	25	3	M10×1.5P	26	27	53
ZS-05	11.25	6.75	9	-6.0	25	10.0	35	3	M12×1.75P	28	31	62
ZS-06	18	7.5	101.5	81.5	31	12.0	36	4	M16×2.0P	34	39	73
ZS-08	22.5	9	127	106.0	35	14.0	36	5	M20×2.5P	38	42	95
ZS-10	37.5	10.5	158	133.0	40	16.0	36	5	M20×2.5P	45	46	110
ZS-12	47	11	163	133.0	50	18.0	36	5	M20×2.5P	50	54	130
ZS-15	48.75	23.25	104	69.0	62	25.5	55	2	M30×3.5P	60	62	165
ZS-18	48.75	23.25	92	57.0	62	25.5	55	2	M30×3.5P	60	62	165
ZS-21	93.5	27.5	97	62.0	65	25.0	55	3	M30×3.5P	60	70	180
ZS-24	93.5	27.5	97	62.0	65	25.0	55	3	M30×3.5P	60	70	180

订单号 Order No.	柱塞行程 Plunger Stroke	爪行程(直径) Jaw Stroke (DIA. mm)	最高回转速度 Max.Speed (min)	最大拉力 Max.Pull Force kgf (KN)	最大静夹持力 Max.Gripping Force kgf (KN)	搭配油缸型号 Matching Cylinder	夹持范围 Gripping Range		最高使用压力 Max Pressure kgf/cm ² (Mpa)	重量 Weight (kg)
							最大Max.	最小Min.		
ZS-04	15	6.4	5800	775(7.6)	2325(22.8)	J-Y0815	110	8	22(2.2)	4.1
ZS-05	15	6.4	5500	800(7.8)	2450(24)	J-Y0815	135	16	22(2.2)	6.2
ZS-06	20	8.5	5000	1730(17)	5200(51)	J-Y1020	165	19	27(2.6)	13.0
ZS-08	21	8.8	4600	2440(22)	7440(73)	J-Y1225	210	23	25(2.5)	25.0
ZS-10	25	8.8	4000	2850(28)	10810(106)	J-Y1225	254	24	29(2.8)	37.0
ZS-12	30	10.5	3200	4080(40)	15500(152)	J-Y1530	304	26	29(2.8)	57.3
ZS-15	35	16	2800	8260(81)	25290(248)	J-Y2035	381	72	32.5(3.2)	96.5
ZS-18	35	16	2700	8260(81)	25290(248)	J-Y2035	450	135	32.5(3.2)	124.5
ZS-21	35	16	1900	8260(81)	25290(248)	J-Y2035	530	70	32.5(3.2)	180
ZS-24	35	16	1750	8260(81)	25290(248)	J-Y2035	610	152	32.5(3.2)	223

One-stop shop/OEM

ZSL二爪中实液压卡盘 2-JAW SOLID POWER CHUCKS



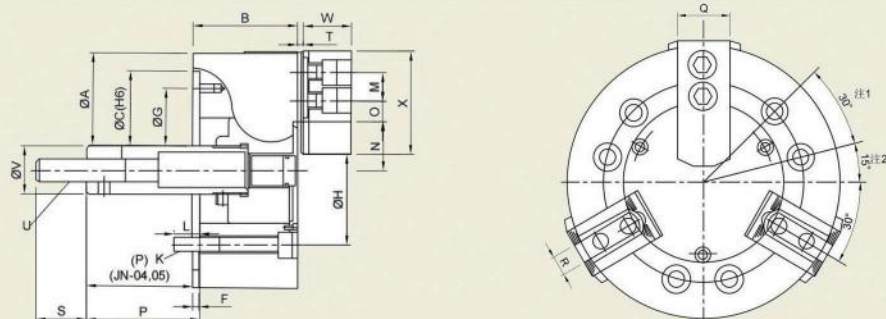
订单号 Order No.	A (mm)	B (mm)	C (H6) (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	K (mm)	L (mm)	M (mm)	N max (mm)	Nmin (mm)
ZSL-05	135	55	80			7	—	100	4-M8	14	14	30.4	27.20
ZSL-06	165	74	140	M8	145	5	116	104.8	6-M10	14	20	37.8	33.55
ZSL-08	210	85	170	M10	180	5	150	133.4	6-M12	18	25	46.3	41.90
ZSL-10	254	89	220	M10	225	5	190	171.4	6-M16	20	30	51.4	47.00
ZSL-12	304	106	220			6	190	171.4	6-M16	20	30	60.7	55.45

订单号 Order No.	Omax (mm)	Omin (mm)	Pmax (mm)	P min (mm)	Q (mm)	R (mm)	S (mm)	T (mm)	U (mm)	V (mm)	W (mm)	X (mm)
ZSL-05	11.25	6.75	9	-6.0	25	10.0	35	3	M12×1.75P	28	31	62
ZSL-06	18	7.5	101.5	81.5	31	12.0	36	4	M16×2.0P	34	39	73
ZSL-08	22.5	9	127	106	35	14.0	36	5	M20×2.5P	38	42	95
ZSL-10	37.5	10.5	158	133	40	16.0	36	5	M20×2.5P	45	46	110
ZSL-12	47	11	163	133	50	18.0	36	5	M20×2.5P	50	54	130

订单号 Order No.	柱塞行程 Plunger Stroke	爪行程(直径) Jaw Stroke (DIA. mm)	最高回转速 Max.Speed (min)	最大拉力 Max.Pull Force kgf (kN)	最大静夹持力 Max.Gripping Force kgf (kN)	搭配油缸型号 Matching Cylinder	夹持范围 Gripping Range		最高使用压力 Max.Pressure kgf/cm ² (Mpa)	重量 Weight (kg)
							最大Max.	最小Min.		
ZSL-05	15	6.4	5500	800 (7.8)	2450 (24)	J-Y0815	135	16	22 (2.2)	6.2
ZSL-06	20	8.5	5000	1220	3460	J-Y1020	165	22	19 (1.9)	12.5
ZSL-08	21	8.8	4000	1630	4990	J-Y1225	210	24	16 (1.6)	24.0
ZSL-10	25	8.8	3500	1930	7140	J-Y1225	254	27	19 (1.9)	35.5
ZSL-12	30	10.5	3000	2750	10300	J-Y1530	304	33	18.5 (1.8)	60.5

L 中实长行程卡盘

3-JAW LONG TRAVEL SOLID POWER CHUCKS



订单号 Order No.	A (mm)	B (mm)	C(H6) (mm)	F (mm)	G (mm)	H (mm)	K (mm)	L (mm)	M (mm)	N max (mm)	Nmin (mm)
L-06	165	74	140	5	116	104.8	6-M10	14	20	37.8	33.55
L-08	210	85	170	5	150	133.4	6-M12	18	25	46.3	41.90
L-10	254	89	220	5	190	171.4	6-M16	20	30	51.4	47.00

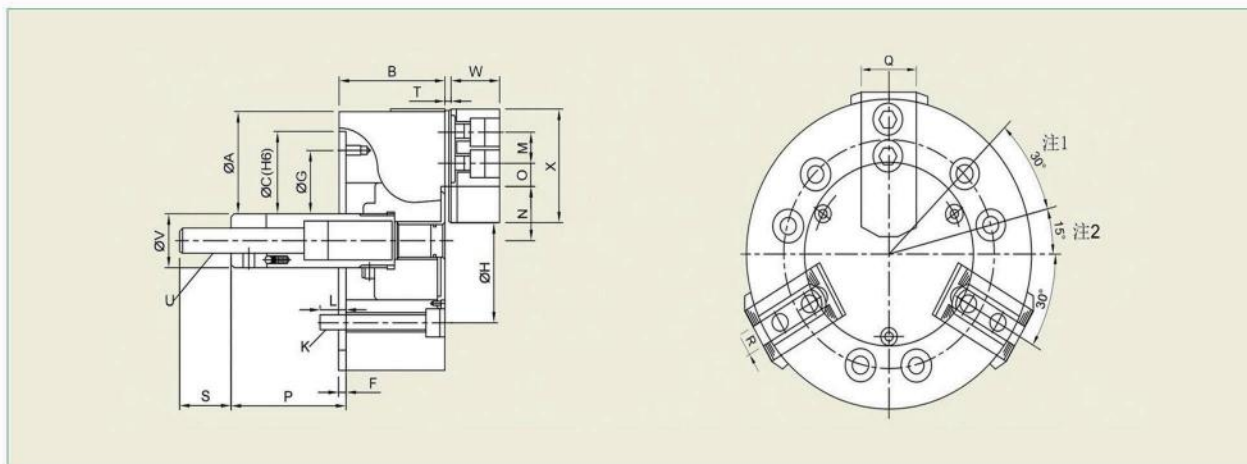
订单号 Order No.	Omax (mm)	Omin (mm)	Pmax (mm)	P min (mm)	Q (mm)	R (mm)	S (mm)	T (mm)	U (mm)	V (mm)	W (mm)	X (mm)
L-06	18	7.5	101.5	81.5	31	12.0	36	4	M16×2.0P	34	39	73
L-08	22.5	9	127	106.0	35	14.0	36	5	M20×2.5P	38	42	95
L-10	37.5	10.5	158	133.0	40	16.0	36	5	M20×2.5P	45	46	110

订单号 Order No.	柱塞行程 Plunger Stroke	爪行程(直径) Jaw Stroke (DIA.mm)	最高回转速 Max.Speed (min)	最大拉力 Max.Pull Force kgf (KN)	最大静夹持力 Max.Gripping Force kgf (KN)	搭配油缸型号 Matching Cylinder	夹持范围 Gripping Range		最高使用压力 Max.Pressure kgf/cm ² (Mpa)	重量 Weight (kg)
							最大Max.	最小Min.		
JLS-06	20	13	5000	1730 (17)	5200 (51)	J-Y1020	165	19	27 (2.6)	13.0
JLS-08	21	16.2	4600	2440 (22)	7440 (73)	J-Y1225	210	23	25 (2.5)	25.0
JLS-10	25	18.1	4000	2850 (28)	10810 (106)	J-Y1530	254	24	29 (2.8)	37.0

One-stop shop/OEM

JS超大行程三爪卡盘

3-JAW EXTRA LONG TRAVEL SOLID CHUCKS

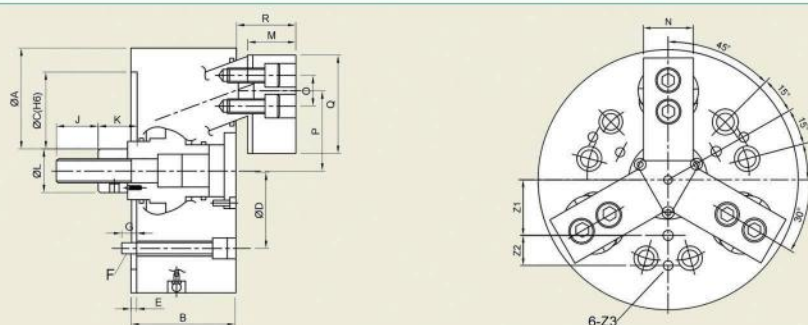


订单号 Order No.	A (mm)	B (mm)	C (H6) (mm)	F (mm)	G (mm)	H (mm)	K (mm)	L (mm)	M (mm)	N max (mm)	Nmin (mm)
JLS-06	165	80	140	5	116	104.8	6-M10	14	20	37.8	33.55
JLS-08	215	92	170	5	150	133.4	6-M12	18	25	46.3	41.90
JLS-10	254	115	220	5	190	171.4	6-M16	20	30	51.4	47.00

订单号 Order No.	Omax (mm)	Omin (mm)	Pmax (mm)	P min (mm)	Q (mm)	R (mm)	S (mm)	T (mm)	U (mm)	V (mm)	W (mm)	X (mm)
JLS-06	18	7.5	101.5	81.5	31	12.0	36	4	M16×2.0P	34	39	73
JLS-08	22.5	9	127	106.0	35	14.0	36	5	M20×2.5P	38	42	95
JLS-10	37.5	10.5	158	133.0	40	16.0	36	5	M20×2.5P	45	46	110

订单号 Order No.	柱塞行程 Plunger Stroke	爪行程(直径) Jaw Stroke (DIA. mm)	最高回转速度 Max.Speed (min)	最大拉力 Max.Pull Force kgf (KN)	最大静夹持力 Max.Gripping Force kgf (KN)	搭配油缸型号 Matching Cylinder	夹持范围 Gripping Range		最高使用压力 Max.Pressure kgf/cm ² (Mpa)	重量 Weight (kg)
							最大Max.	最小Min.		
JLS-06	20	26	5000	1730(17)	5200(51)	J-Y1020	165	19	27(2.6)	13.0
JLS-08	25	40	4600	2440(22)	7440(73)	J-Y1225	210	23	25(2.5)	25.0
JLS-10	30	50	4000	2850(28)	10810(106)	J-Y1530	254	24	29(2.8)	37.0

PBS三爪后拉式液压卡盘 3-JAW PULL BACK POWER CHUCKS



订单号 Order No.	A (mm)	B (mm)	C (H6) (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	J (mm)	N max (mm)	Nmin (mm)	L (mm)
PBS-06	165	85	140	104.8	5	6-M10	16	M16×2P	36	33	23	32
PBS-08	210	95	170	133.4	5	6-M10	18	M20×2.5P	36	38	28	38
PBS-10	254	110	220	171.4	5	6-M10	22	M24×3P	46	47	32	50

订单号 Order No.	M (mm)	N (mm)	O (mm)	Pmax (mm)	P min (mm)	Q (mm)	Rmax (mm)	Rmin (mm)	Z1 (mm)	Z2 (mm)	Z3 (mm)
PBS-06	30	35	—	56.65	54.0	70	45	35	35	20	M6
PBS-08	41	40	26	70.80	67.2	84	56	46	45	25	M8
PBS-10	46	50	32	85.00	79.6	100	65	50	55	30	M8

订单号 Order No.	柱塞行程 Plunger Stroke	爪行程(直径) Jaw Stroke (DIA.mm)	最高回转速 Max Speed (min)	最大拉力 Max Pull Force kgf (KN)	最大静夹持力 Max.Gripping Force kgf (KN)	搭配油缸型号 Matching Cylinder	夹持范围 Gripping Range		重量 Weight (kg)
							最大Max.	最小Min.	
PBS-06	10	5.3	3500	1360 (13.3)	3045 (29.8)	J-Y1020	30~160	22 (2.2)	15.0
PBS-08	10	7.2	3000	2500 (24.5)	4820 (48.2)	J-Y1225	40~210	25.5 (2.5)	26.0
PBS-10	15	10.8	2500	3500 (34)	6118 (60)	J-Y1225	50~254	34 (3.3)	45.5

One-stop shop/OEM

卡盘法兰盘 ADAPTOR PLATES

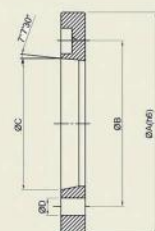


图1 (Fig. 1)

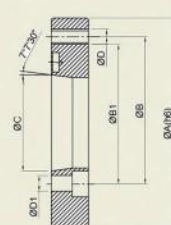


图2 (Fig. 2)

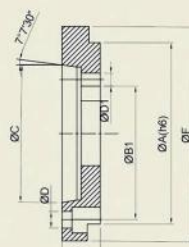
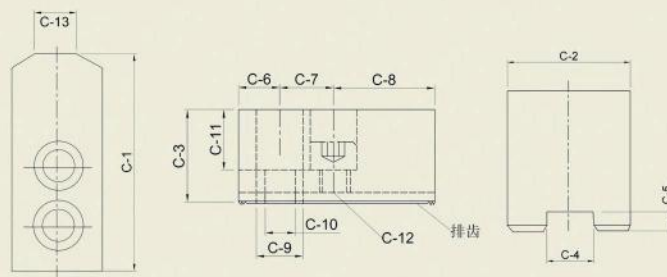


图3 (Fig. 3)

订单号 Order No.	主轴轴端	A(h6) (mm)	B (mm)	B1 (mm)	C (mm)	D (mm)	D1 (mm)	E (mm)	F (mm)	参考图	重量 Weight (kg)
JSA00504	A4	80	82.6	—	63.51	9	—	20	—	图1(Fig. 1)	0.55
JSA00604	A4	140	104.8	82.6	63.51	11	M10	20	—	图1(Fig. 2)	1.60
JSA00605	A5	140	104.8	—	82.56	11	—	15	—	图1(Fig. 1)	1.00
JSA00606	A6	140	104.8	133.4	106.38	13	M10	30	165	图1(Fig. 3)	3.50
JSA00805	A5	170	133.4	104.8	82.56	11	M12	24	—	图1(Fig. 2)	2.70
JSA00806	A6	170	133.4	—	106.38	13	—	17	—	图1(Fig. 1)	1.50
JSA00808	A8	170	133.4	171.4	139.72	17	M12	40	210	图1(Fig. 3)	6.20
JSA01006	A6	220	171.4	133.4	106.38	13	M16	28	—	图1(Fig. 2)	3.00
JSA01008	A8	220	171.4	—	139.72	17	—	18	—	图1(Fig. 1)	2.70
JSA01508	A8	300	235	171.4	139.72	17	M20	22	—	图1(Fig. 2)	8.50
JSA01511	A11	300	235	—	196.87	21	—	22	—	图1(Fig. 1)	6.50
JSA01515	A15	300	235	330.2	285.78	25	M20	50	380	图1(Fig. 3)	22.00
JSA02108	A8	380	330.2	171.4	139.72	17	M22	27	—	图1(Fig. 2)	21.00
JSA02111	A11	380	330.2	235	196.87	21	M22	27	—	图1(Fig. 2)	18.00
JSA02115	A15	380	330.2	—	285.78	23	—	27	—	图1(Fig. 1)	10.00
JSA02120	A20	380	330.2	463.6	412.78	27	M22	58	520	图1(Fig. 3)	55.00

油压软爪 STANDARD SOFT JAWS



订单号 Order No.	C-1 (mm)	C-2 (mm)	C-3 (mm)	C-4 (mm)	C-5 (mm)	C-6 (mm)	C-7 (mm)	C-8 (mm)	C-9 (mm)	C-10 (mm)	C-11 (mm)	C-12 (mm)	C-13 (mm)	锯齿状节距 (mm)	三爪重量 (kg)
JSR04	49.5	23	23	10	5	9	14	26.5	13.5	9	14	M8	3	1.5×60°	0.45
JSR05	54	25	30	10	5	9	14	31	13.5	9	21	M8	5	1.5×60°	0.70
JSR06	73	31	36	12	5	15	20	31	17	11	23	M10	14	1.5×60°	1.50
JSR08	95	35	37	14	5	25	25	46	19	13	22	M12	16	1.5×60°	2.40
JSR10	110	40	42	16	5	30	30	50	19	13	27	M12	18	1.5×60°	3.70
JSR12	130	50	50	21	5	39	30	61	25	17	30	M14	23	1.5×60°	6.20
JSR12-1	130	50	50	18	5	39	30	61	23	15	30	M16	23	1.5×60°	6.25
JSR15	165	62	62	22	8	37	43	85	32	21	38	M20	—	1.5×60°	12.80
JSR15-1	165	62	62	25.5	5	37	43	85	32	21	38	M20	—	1.5×60°	12.80
JSR24-1	180	65	70	25	9	40	60	80	32	21	45	M20	—	3.0×60°	16.00

One-stop shop/OEM



ZSL二爪中实液压卡盘
ZSL 2-Jaw Solid Hydraulic Lathe Chuck



ZS 三爪中实液压卡盘
ZS 3-Jaw Solid Hydraulic Lathe Chuck



ZKS 四爪高速中空液压卡盘
ZKS 4-Jaw High Speed Hollow Hydraulic Lathe Chuck



ZK 三爪高速中空液压卡盘
ZK 3-Jaw High Speed Hollow Hydraulic Lathe Chuck



ZKL二爪高速中空液压卡盘
ZKL 2-Jaw High Speed Hollow Hydraulic Lathe Chuck



三爪自定心卡盘
3-Jaw Self-Centering Lathe Chuck



短锥三爪自定心卡盘
Short Cone 3-Jaw Self-Centering Lathe Chuck



短锥三爪自定心卡盘
Short Cone 3-Jaw Self-Centering Lathe Chuck



短锥三爪自定心卡盘
Short Cone 3-Jaw Self-Centering Lathe Chuck



二爪自定心卡盘
2-Jaw Self-Centering Lathe Chuck



四爪自定心卡盘
4-Jaw Self-Centering Lathe Chuck



三爪自定心卡盘
3-Jaw Self-Centering Lathe Chuck



K61 四爪复合卡盘
K61 4-Jaw Composite Lathe Chuck



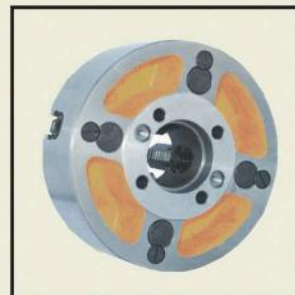
K62 四爪复合卡盘
K62 4-Jaw Composite Lathe Chuck



精密可调自定心卡盘
Precision Adjustable



四爪单动卡盘
4-Jaw Independent Lathe Chuck



四爪单动卡盘
4-Jaw Independent Lathe Chuck



ELECTRIC TAPPING MACHINE



PNEUMATIC TAPPING MACHINE



180° ROTATABLE HEAD



CUSTOMIZABLE WORKING TABLE

电动攻丝机

ELECTRIC TAPPING MACHINE

BR-M10C/M12C/M16C
M20C/M24HC/M30C底座, 上下支架臂, 伺服电机, 减速机
Base, Upper And Lower Support Arms, Servo Motor, Reducer扭力夹头GT12/TC820
Tap Holder GT12/TC820说明书, 电源线, 底座螺丝
Manual, Power Cord, Base Screw

可选配置

OPTIONAL ACCESSORIES

万向工作头
Universal Joint三节加长臂1500/1700mm
Three Section
Lengthening Arm
1500/1700mm加油功能
Refueling Function移动工作台
Moving Workbench磁座300KG/1000KG
Magnetic Base
300KG/1000KG

功能介绍

FUNCTIONINTRODUCTION

手动攻丝模式 Manual Tapping Mode.
自动攻丝模式 Automatic Tapping Mode
深孔加工模式 Deep Hole Machining Mode
工件储存功能 Workpiece Storage Function
万向水平攻丝 Universal Horizontal Tapping

外螺纹板牙攻丝 External Thread Die Tapping
倒角功能 Chamfer Function
丝锥延长杆攻丝 Tap Extension Rod Tapping
拧丝模式 Screw Mode

主要参数

MAIN PARAMETER

订单号 Order No.	BR-M10C	BR-M12C	BR-M16C	BR-M20C	BR-M24C	BR-M30C
输入电压 Input Voltage	220V/50HZ	220V/50HZ	220V/50HZ	220V/50HZ	220V/50HZ	220V/50HZ
额定功率 Rated Power	600W	600W	600W	600W	1200W	1200W
攻丝范围 Tapping Range	M3-M10	M3-M12	M3-M16	M3-M20	M4-M20	M6-M30
工作方式 Operation Mode	垂直/垂直水平 Vertica /vertical horizontal					
工作半径 Working Radius	1045mm	1045mm	1045mm	1045mm	1180mm	1180mm
最高转速 Maximum Speed	1200rpm	660rpm	375rpm	240rpm	550rpm	200rpm
包装尺寸 PACKAGE SIZE	700*660*220mm	700*660*220mm	700*660*220mm	700*660*220mm	810*770*220mm	810*770*220mm
设备重量EQUIPMENT WEIGHT	31kg	31kg	31kg	31kg	52.5kg	52.5kg

One-stop shop/OEM

电动攻丝机(升降款) ELECTRIC TAPPING MACHINE (LIFTING)

BR-M33C/M36C/M40C

机器系列

MACHINE SERIES



底座, 上下支架臂, 伺服电机, 减速机
Base, Upper And Lower Support Arms, Servo Motor, Reducer



扭力夹头TC820/TC1433
Tap Holder TC820/TC1433



说明书, 电源线, 底座螺丝
Manual, Power Cord, Base Screw

可选配置 OPTIONAL ACCESSORIES



万向工作头
Universal Joint



三节加长臂1700mm
Three Section Lengthening Arm 1700mm



加油功能
Refueling Function



移动工作台
Moving Workbench



磁座300KG/1000KG
Magnetic Base 300KG/1000KG

功能介绍 FUNCTIONINTRODUCTION

手动攻丝模式 Manual Tapping Mode.
自动攻丝模式 Automatic Tapping Mode
深孔加工模式 Deep Hole Machining Mode
工件储存功能 Workpiece Storage Function
万向水平攻丝 Universal Horizontal Tapping

外螺纹板牙攻丝 External Thread Die Tapping
倒角功能 Chamfer Function
丝锥延长杆攻丝 Tap Extension Rod Tapping
拧丝模式 Screw Mode

主要参数 MAIN PARAMETER

订单号 Order No.	BR-M33C	BR-M36C	BR-M40C
输入电压 Input Voltage	220V/50HZ	220V/50HZ	220V/50HZ
额定功率 Rated Power	1200W	1200W	1200W
攻丝范围 Tapping Range	M6-M33	M6-M36	M30-M36
工作方式 Operation Mode	垂直/垂直水平 Vertical/vertical horizontal		
工作半径 Working Radius	1180mm	1180mm	1180mm
最高转速 Maximum Speed	156rpm	125rpm	50rpm
包装尺寸 Package Size	810*770*220mm	810*770*220mm	810*770*220mm
设备重量 Equipment Weight	55.3kg	55.3kg	55.3kg

电动攻丝机(升降款) ELECTRIC TAPPING MACHINE (LIFTING)

BR-M48/M48S



底座, 上下支架臂, 伺服电机, 减速机
Base, Upper And Lower Support Arms, Servo Motor, Reducer



扭力夹头TC820/TC1433
Tap Holder TC820/TC1433



说明书, 电源线, 底座螺丝
Manual, Power Cord, Base Screw

可选配置

OPTIONAL ACCESSORIES



单速减速机/双档调节减速机
Single Speed Reducer/
Double Speed Adjusting Reducer



加油功能
Refueling Function



移动工作台
Moving Workbench



磁座2000KG
Magnetic Base 2000KG

功能介绍

FUNCTIONINTRODUCTION

手动攻丝模式 Manual Tapping Mode.
自动攻丝模式 Automatic Tapping Mode
深孔加工模式 Deep Hole Machining Mode
工件储存功能 Workpiece Storage Function
万向水平攻丝 Universal Horizontal Tapping

外螺纹板牙攻丝 External Thread Die Tapping
倒角功能 Chamfer Function
丝锥延长杆攻丝 Tap Extension Rod Tapping
拧丝模式 Screw Mode

主要参数

MAIN PARAMETER

订单号 Order No.	BR-M48	BR-M48S
输入电压 Input Voltage	220V/50HZ	220V/50HZ
额定功率 Rated Power	1200W	1200W
攻丝范围 Tapping Range	M33-M48	M12-M48
工作方式 Operation Mode	垂直/垂直水平 Vertical/vertical horizontal	
工作半径 Working Radius	1260mm	1260mm
最高转速 Maximum Speed	50rpm	250/50rpm
包装尺寸 Package Size	1200*1020*240mm	1200*1020*240mm
设备重量 Equipment Weight	121kg	129kg

One-stop shop/OEM

电动攻丝机 ELECTRIC TAPPING MACHINE

BR-M10D/M12D/
M16D/M20D

机器系列

MACHINE SERIES



底座, 上下支架臂, 伺服电机, 减速机
Base, Upper And Lower Support Arms, Servo Motor, Reducer



扭力夹头GT12
Tap Holder GT12



说明书, 电源线, 底座螺丝
Manual, Power Cord, Base Screw

可选配置

OPTIONAL ACCESSORIES



万向工作头 Universal Joint



三节加长臂1500mm
Three Section
Lengthening Arm 1500mm



移动工作台
Moving Workbench



磁座2000KG
Magnetic Base 2000KG

功能介绍

FUNCTIONINTRODUCTION

手动攻丝模式 Manual Tapping Mode.
自动攻丝模式 Automatic Tapping Mode
深孔加工模式 Deep Hole Machining Mode
工件储存功能 Workpiece Storage Function
万向水平攻丝 Universal Horizontal Tapping

外螺纹板牙攻丝 External Thread Die Tapping
倒角功能 Chamfer Function
丝锥延长杆攻丝 Tap Extension Rod Tapping
拧丝模式 Screw Mode

主要参数

MAIN PARAMETER

订单号 Order No.	BR-M10D	BR-M12D	BR-M16D	BR-M20D
输入电压 Input Voltage	220V/50HZ	220V/50HZ	220V/50HZ	220V/50HZ
额定功率 Rated Power	600W	600W	600W	600W
攻丝范围 Tapping Range	M3-M10	M3-M12	M3-M16	M3-M20
工作方式 Operation Mode	垂直/垂直水平 Vertical/vertical horizontal			
工作半径 Working Radius	1045mm	1045mm	1045mm	1045mm
最高转速 Maximum Speed	1200rpm	660rpm	375rpm	240pm
包装尺寸 Package Size	700*660*220mm	700*660*220mm	700*660*220mm	700*660*220mm
设备重量 Equipment Weight	31kg	31kg	31kg	31kg

气动攻丝机 PNEUMATIC TAPPING MACHINE

BR-16A/12A

机器系列

MACHINE SERIES



基本配置

STANDARD ACCESSORIES



关节展臂上下支架
Tapping Arm



气动马达250/400转/分
Pneumatic motor
250/400r/min



扭力夹头GT12 Tap Holder
GT12

可选配置

OPTIONAL ACCESSORIES



气动马达万向座
Universal Seat Of Pneumatic
Motor



移动工作台
Moving Workbench



磁座300KG
Magnetic Base 300KG



主要参数

MAIN PARAMETER

订单号 Order No.	BR-12A	BR-16A
攻丝范围 Tapping Range	M3-M12	M3-M16
工作方式 Operation Mode	1045mm	1045mm
工作半径 Working Radius	垂直/垂直水平 Vertical/vertical horizontal	
最高转速 Maximum Speed	400rpm	250rpm
包装尺寸 Package Size	620*380*165mm	620*380*165mm
设备重量 Equipment Weight	20kg	21.5kg

One-stop shop/OEM

铣刀研磨机 END MILL GRINDER

BR-X12

机器系列

MACHINE SERIES



筒夹定位规格

COLLET POSITIONING SPECIFICATION



2刃 筒夹定位圈规格

2F Collet positioning ring specifications

 $\phi 2 - \phi 3, \phi 4 - \phi 5, \phi 6, \phi 8, \phi 10 - \phi 12$ 

3刃 筒夹定位圈规格

3F Collet positioning ring specifications

 $\phi 2 - \phi 3, \phi 4 - \phi 5, \phi 6, \phi 8, \phi 10 - \phi 12$ 

4刃 筒夹定位圈规格

4F Collet positioning ring specifications

 $\phi 2 - \phi 3, \phi 4 - \phi 5, \phi 6, \phi 8, \phi 10 - \phi 12$ 

主要参数

MAIN PARAMETER

订单号 Order No.	BR-X12
输入电压 Input Voltage	220V/50HZ
额定功率 Rated Power	600W
马达转速 Motor Speed	6000rpm
研磨角度 Grinding Angle	$\phi 2 - \phi 12$
铣刀刃数 Milling Cutter Edges	2刃, 3刃, 4刃 2F/3F/4F
研磨角度 Grinding Angle	刀刃角 5° /前斜角 20° /后斜角 25° Blade Angle: 5° /Rake Angle: 20° Rake Angle: 25°
包装尺寸 Package Size	365*330*265mm
设备重量 Equipment Weight	12.1KG

铣刀研磨机 END MILL GRINDER

BR-X20



筒夹定位规格

COLLET POSITIONING SPECIFICATION



2刃 筒夹定位圈规格

2F Collet positioning ring specifications

 $\Phi 4 - \Phi 5$, $\Phi 6 - \Phi 8$, $\Phi 10 - \Phi 12$, $\Phi 14 - \Phi 16$,
 $\Phi 18 - \Phi 20$


3刃 筒夹定位圈规格

3F Collet positioning ring specifications

 $\Phi 4 - \Phi 5$, $\Phi 6 - \Phi 8$, $\Phi 10 - \Phi 12$, $\Phi 14 - \Phi 16$,
 $\Phi 18 - \Phi 20$


4刃 筒夹定位圈规格

4F Collet positioning ring specifications

 $\Phi 4 - \Phi 5$, $\Phi 6 - \Phi 8$, $\Phi 10 - \Phi 12$, $\Phi 14 - \Phi 16$,
 $\Phi 18 - \Phi 20$


主要参数

MAIN PARAMETER

订单号 Order No.	BR-X20
输入电压 Input Voltage	220V/50HZ
额定功率 Rated Power	600W
马达转速 Motor Speed	6000rpm
研磨角度 Grinding Angle	$\Phi 4 - \Phi 20$
铣刀刀数 Milling Cutter Edges	2刃, 3刃, 4刃 2F/3F/4F
研磨角度 Grinding Angle	刀刃角 5° /前斜角 20° /后斜角 25° Blade Angle: 5° /Rake Angle: 20° /Rake Angle: 25°
包装尺寸 Package Size	370*330*300mm
设备重量 Equipment Weight	18.5KG

One-stop shop/OEM

钻头研磨机 DRILL BITS GRINDER

BR-Z13

机器系列

MACHINE SERIES



主要参数

MAIN PARAMETER

订单号 Order No.	BR-Z13
输入电压 Input Voltage	220V/50HZ
额定功率 Rated Power	600W
马达转速 Motor Speed	6000rpm
研磨范围 Grinding Range	φ2- φ13
研磨角度 Grinding Angle	90° -140°
夹头数量 Number Of Collets	11pcs
包装尺寸 Package Size	365*250*300mm
设备重量 Equipment Weight	9.5KG

钻头研磨机 DRILL BITS GRINDER

BR-Z20



研磨效果

DRILL GRINDER



钻头机砂轮

Drill wheel



Z20机型选配薄板钻砂轮后为B13机型

Z20 Model Is B13 Model After it Is Equipped with Thin Plate Drilling wheel!

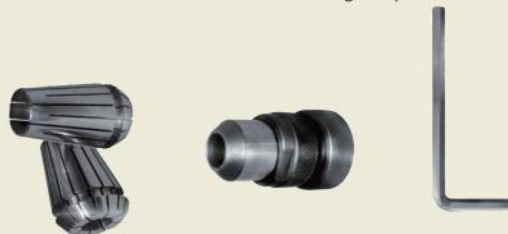
薄板钻砂轮区分

Differentiation of Thin Plate Drill Grinding Wheel

B1: $\phi 3$ - $\phi 5.9$ B2: $\phi 6$ - $\phi 9.9$ B3: $\phi 10$ - $\phi 13$

ER夹头, 夹头套, 内六角扳手

ER Collet, Collet Sleeve, Inner Hexagon spanner



主要参数

MAIN PARAMETER

订单号 Order No.	BR-Z20
输入电压 Input Voltage	220V/50HZ
额定功率 Rated Power	600W
马达转速 Motor Speed	6000rpm
研磨范围 Grinding Range	$\phi 3$ - $\phi 20$
研磨角度 Grinding Angle	90° - 140°
夹头数量 Number Of Collets	18pcs
包装尺寸 Package Size	370*250*300mm
设备重量 Equipment Weight	10.5KG

One-stop shop/OEM

薄板钻头研磨机 SHEET BIT GRINDER

BR-B13

机器系列

MACHINE SERIES

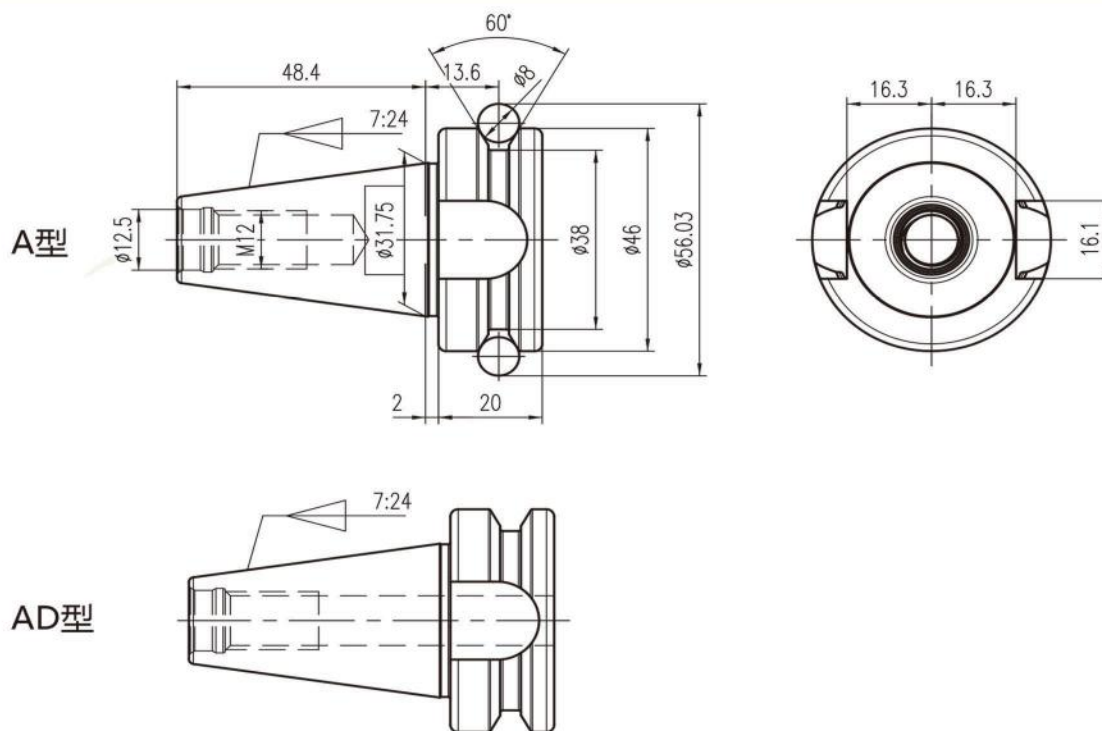


主要参数 MAIN PARAMETER

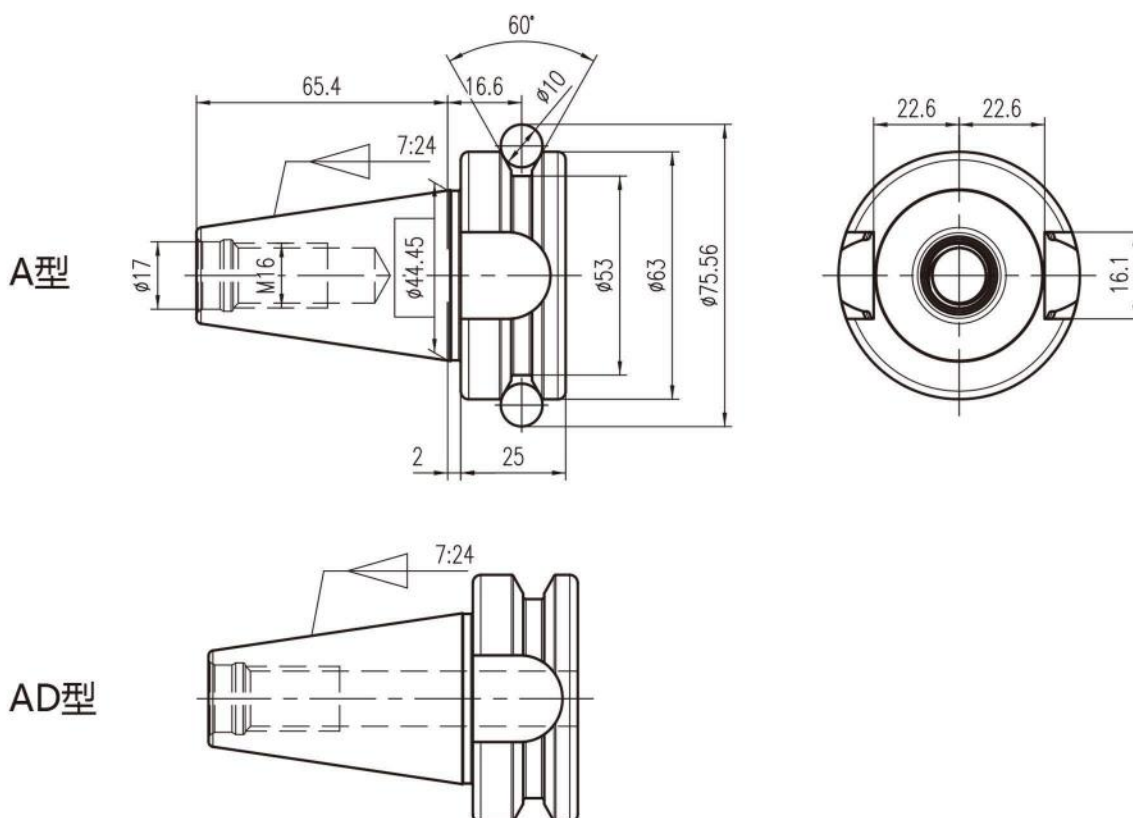
订单号 Order No.	BR-B13
输入电压 Input Voltage	220V/50HZ
额定功率 Rated Power	600W
马达转速 Motor Speed	6000rpm
研磨范围 Grinding Range	$\Phi 3$ - $\Phi 13$
研磨角度 Grinding Angle	118°
夹头数量 Number Of Collets	11pcs
包装尺寸 Package Size	370*250*300mm
设备重量 Equipment Weight	10.5KG

锥柄标准 锥柄型式 (MAS 403 BT/JIS B 6339)

BT30 A/AD

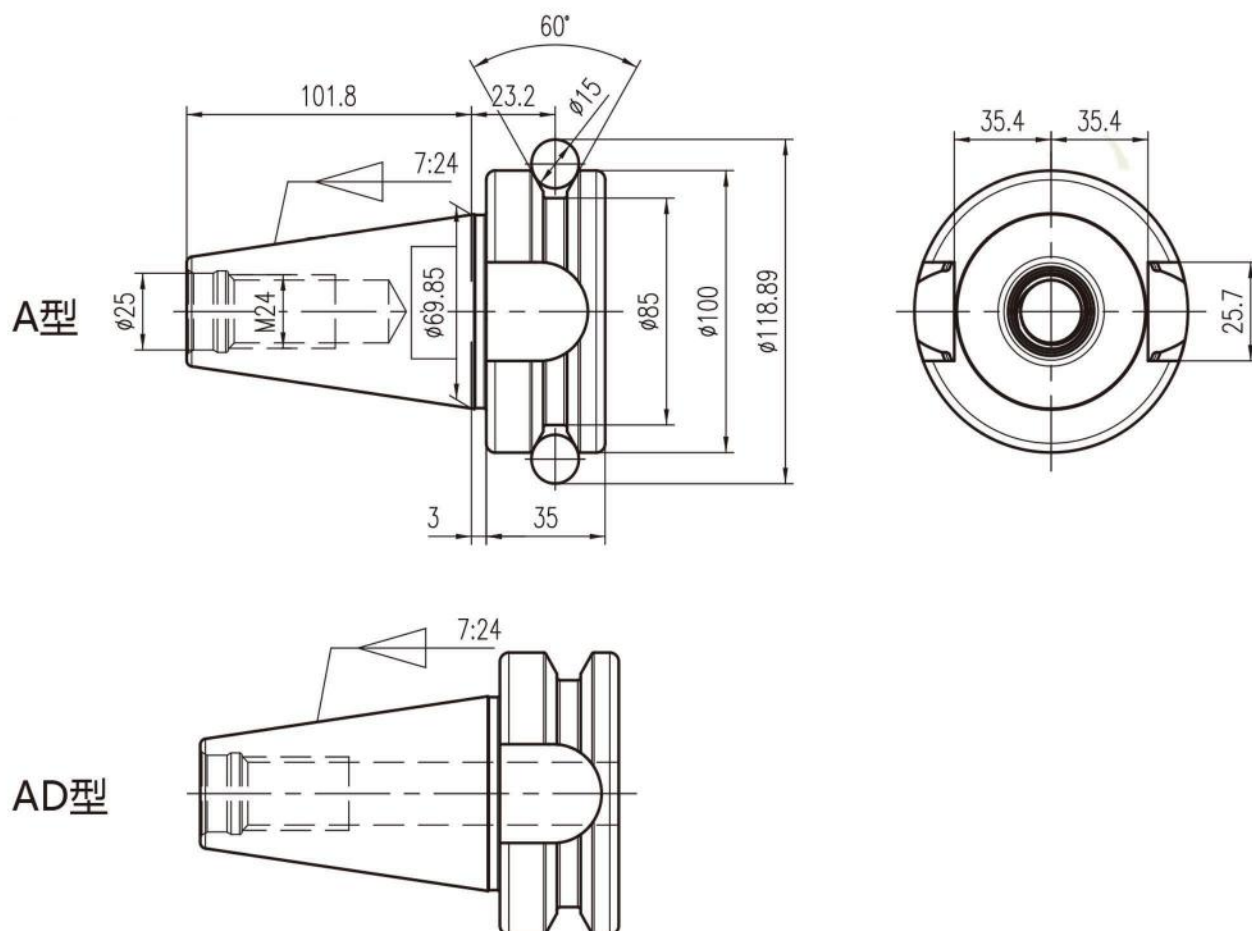


BT40 A/AD



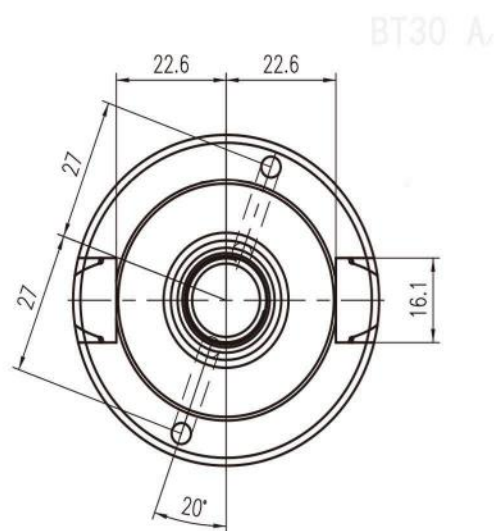
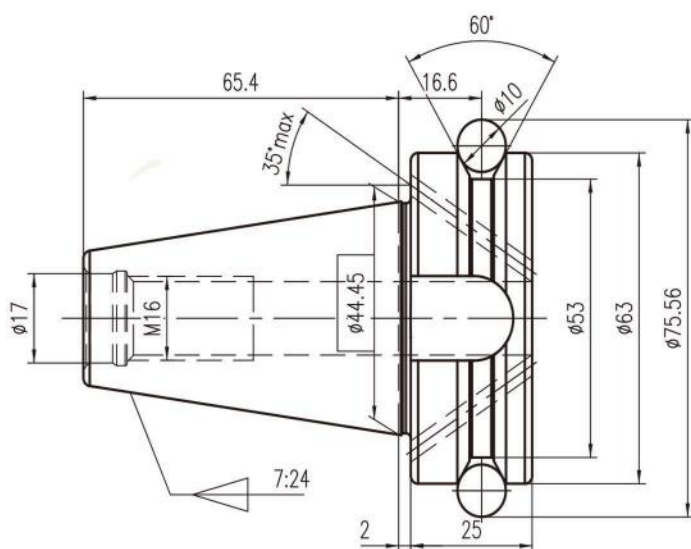
锥柄标准
锥柄型式 (MAS 403 BT/JIS B 6339)

BT50 A/AD

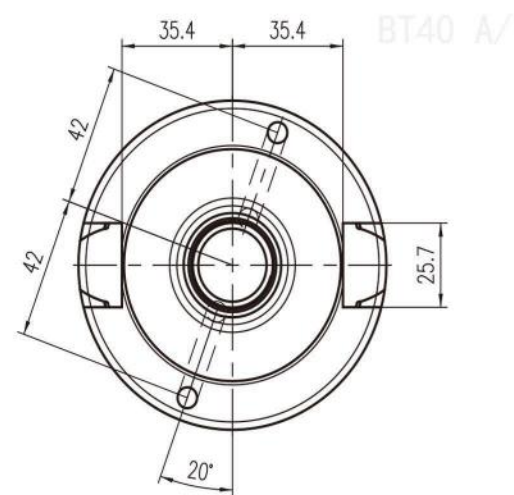
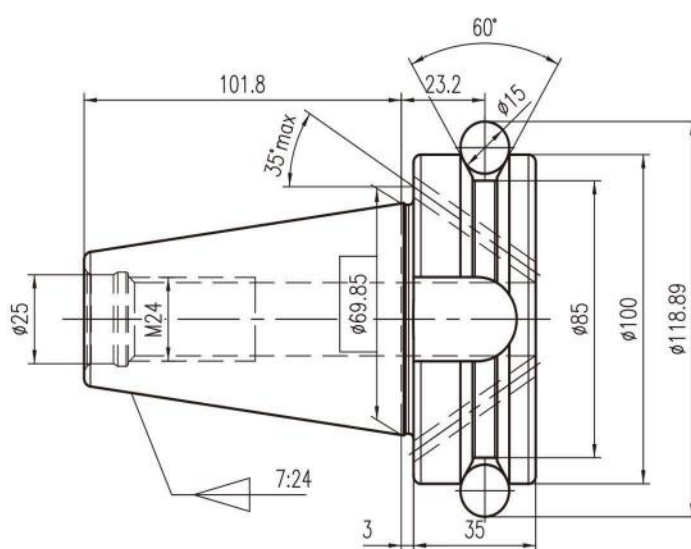


锥柄标准 锥柄型式 (MAS 403 BT/JIS B 6339)

BT40 B

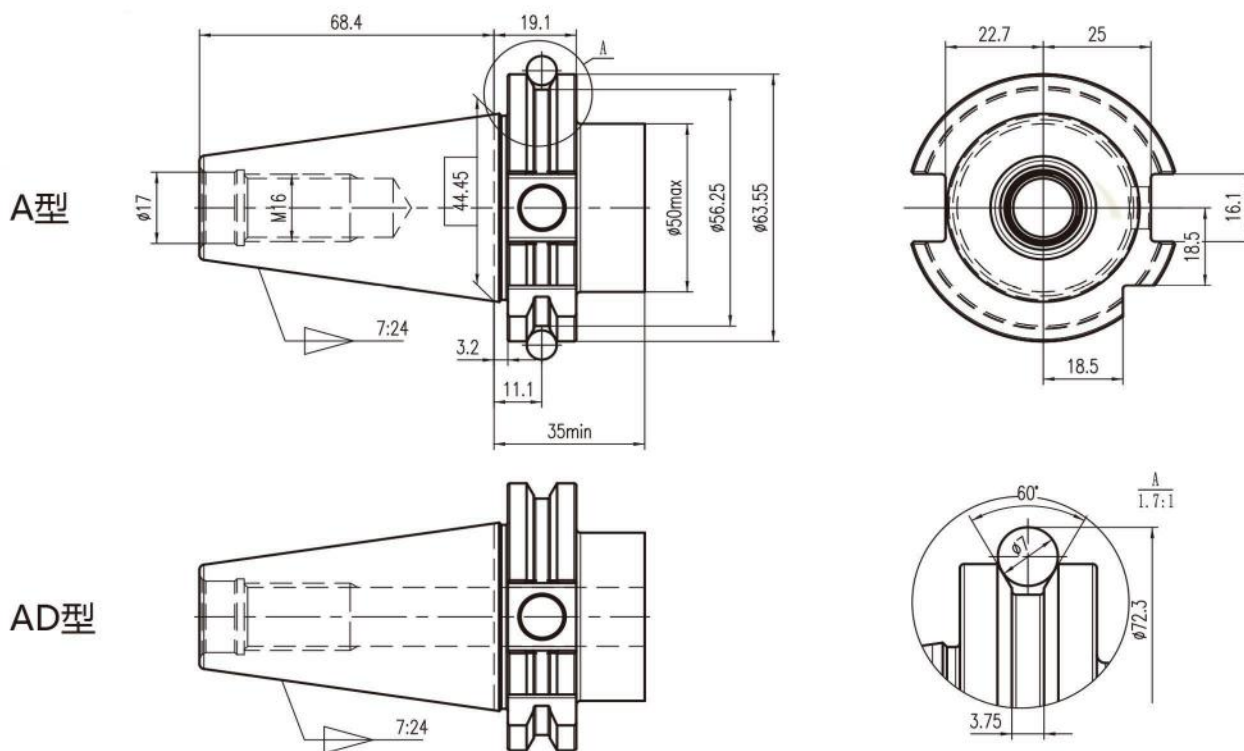


BT50 B

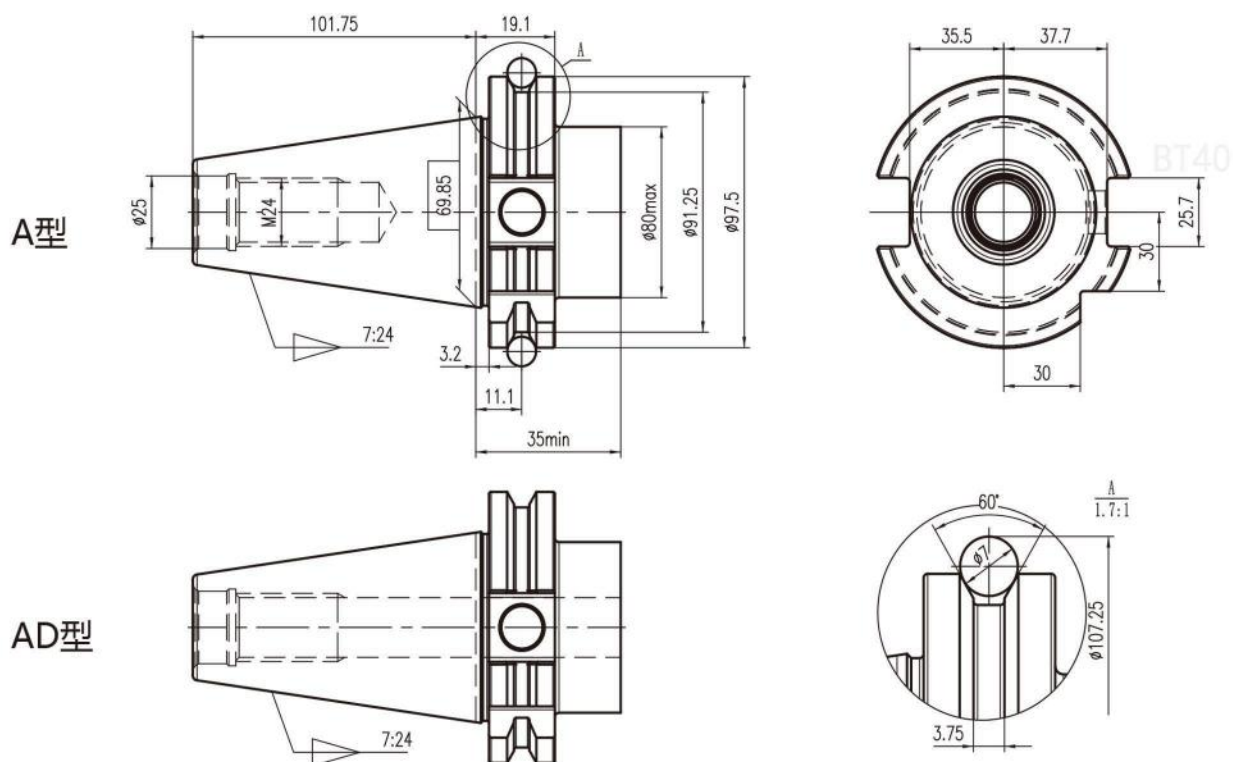


锥柄标准
锥柄型式 (DIN69871-A)

SK40 A/AD

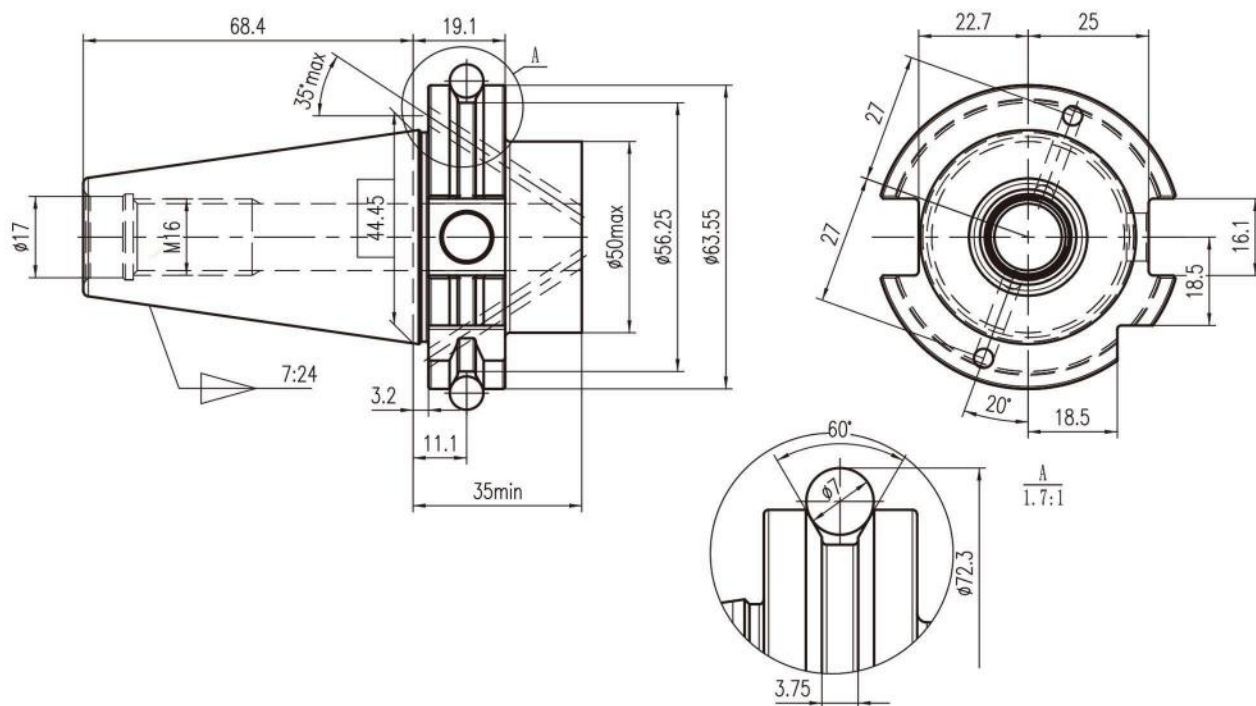


SK50 A/AD

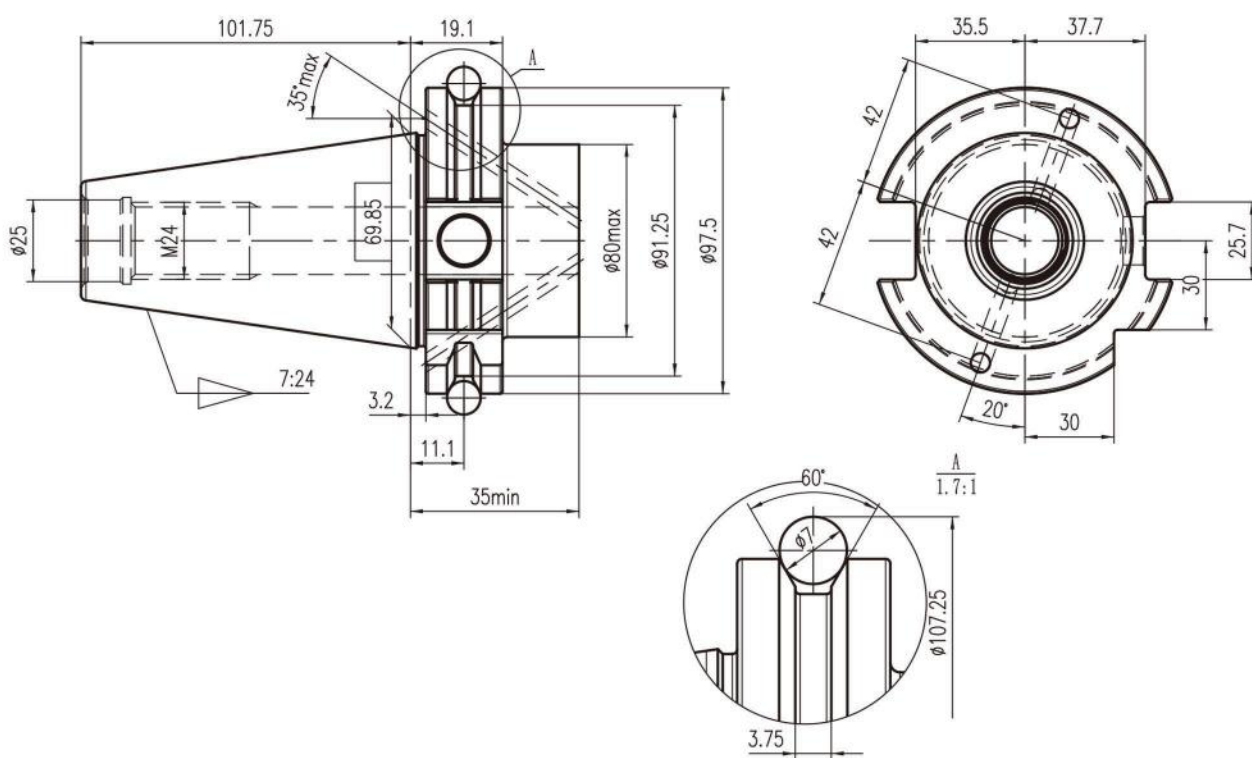


锥柄标准 锥柄型式 (DIN69871-B)

SK40 B

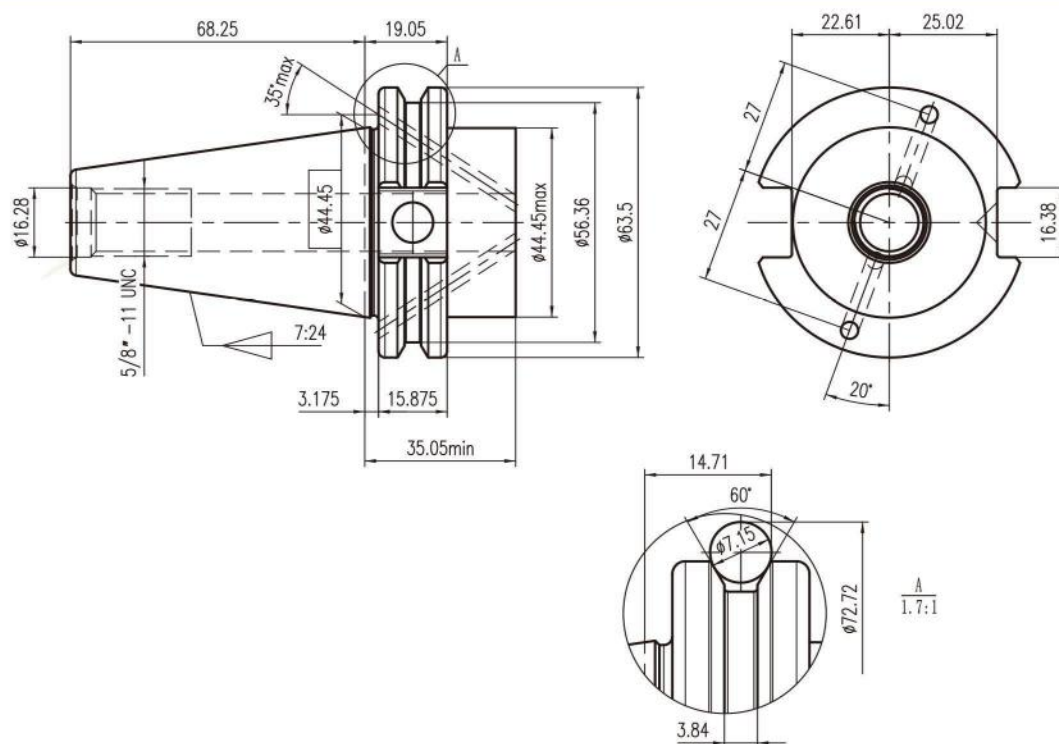


SK50 B

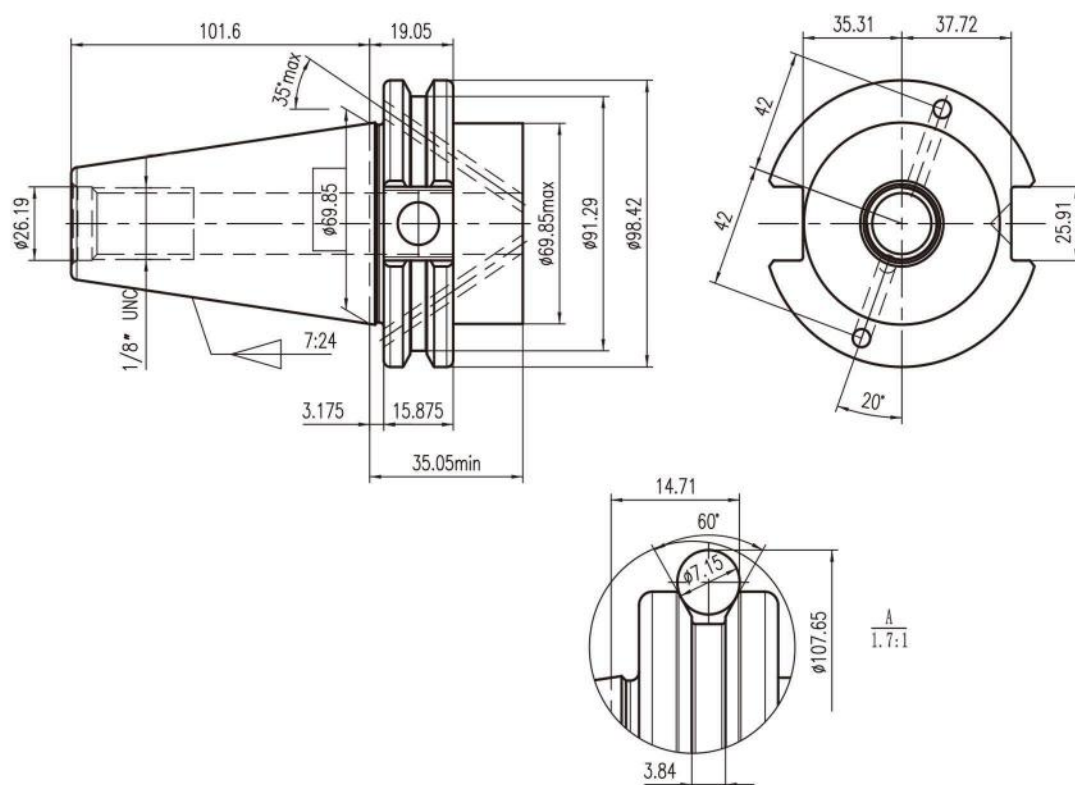


锥柄标准
锥柄型式 (ANSI B5.50 CAT)

CAT40 B

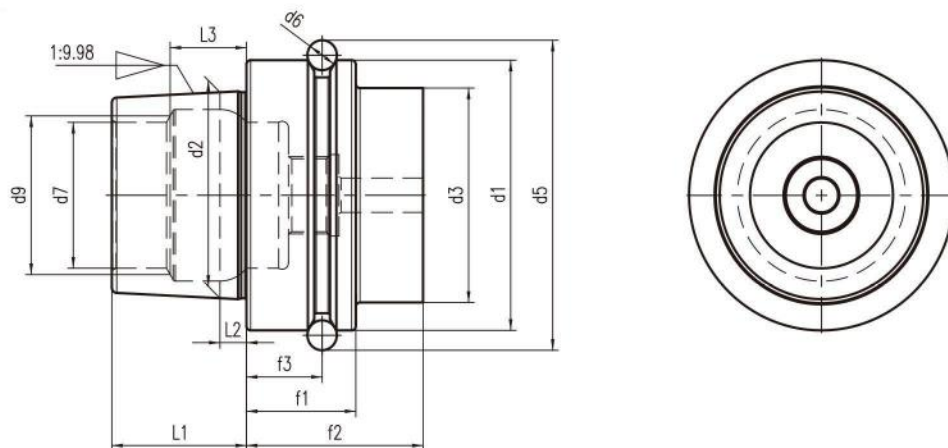


CAT50 B



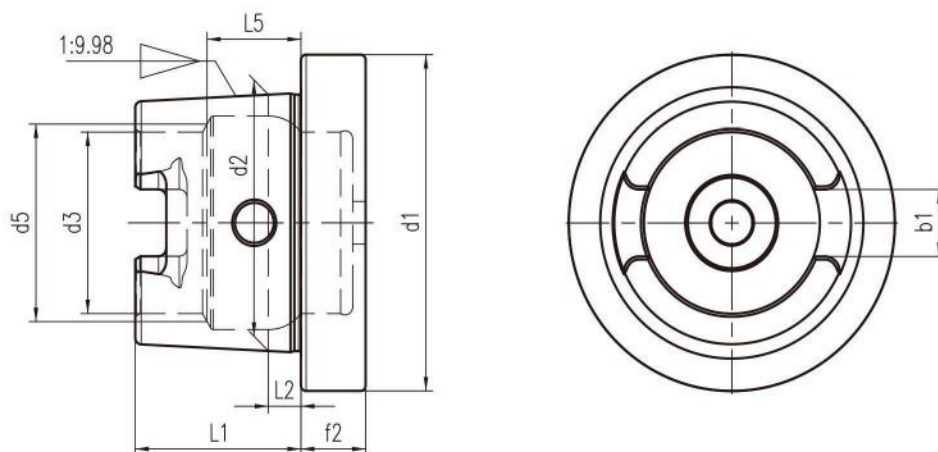
锥柄标准 锥柄型式 (HSK短锥型式)

HSK-A



型号 MODEL	尺寸SIZE (mm)															
	b1	b2	b3	d1	d2	d3	d5	d9	d11	d12	f1	f2	f3	L1	L2	L5
HSK-A32	7.05	7	9	32	24.007	17	19	26	37	4	20	35	16	16	3.2	8.92
HSK-A40	8.05	9	11	40	30.007	21	23	34	45	4	20	35	16	20	4	11.42
HSK-A50	10.54	12	14	50	38.009	26	29	42	59.3	7	26	42	18	25	5	14.13
HSK-A63	12.54	16	18	63	48.01	34	37	53	72.3	7	26	42	18	32	6.3	18.13
HSK-A100	20.02	20	22	100	75.013	53	58	88	109.75	7	29	45	20	50	10	28.56

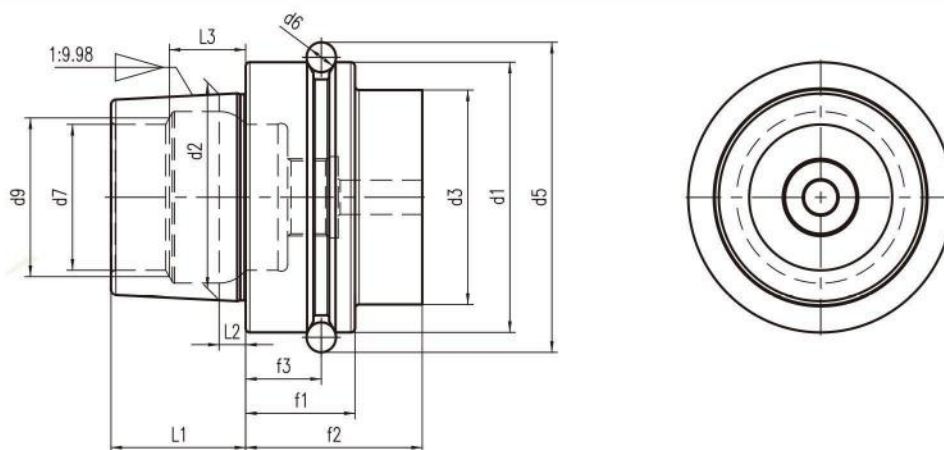
HSK-C



型号 MODEL	尺寸SIZE (mm)								
	b1	d1	d2	d3	d5	f2	L1	L2	L5
HSK-C32	7.05	32	24.007	17	19	10	16	3.2	8.92
HSK-C40	8.05	40	30.007	21	23	10	20	4	11.42
HSK-C50	10.54	50	38.009	26	29	12.5	25	5	14.13
HSK-C63	12.54	63	48.01	34	37	12.5	32	6.3	18.13
HSK-C100	20.02	100	75.013	53	58	16	50	10	28.56

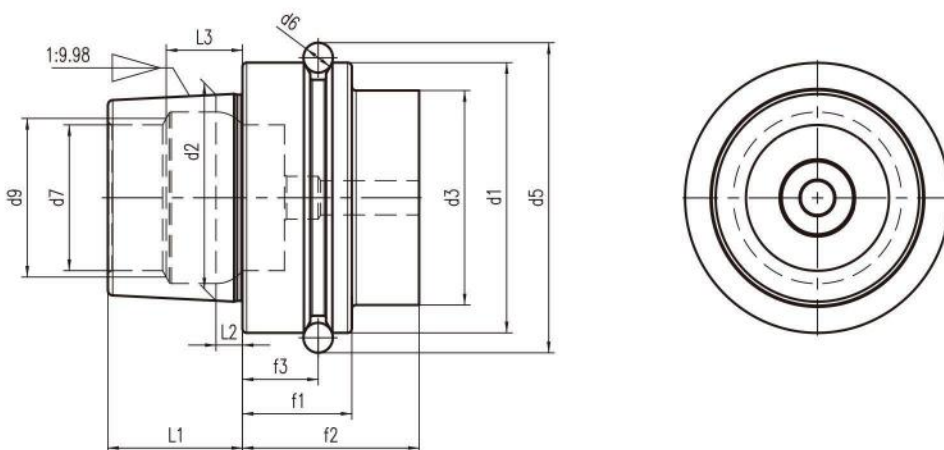
锥柄标准 锥柄型式 (HSK短锥型式)

HSK-E



型号 MODEL	尺寸SIZE (mm)												
	d1	d2	d7	d9	d3	d5	d6	f1	f2	f3	L1	L2	L3
HSK-E32	32	24.007	17	19	26	37	4	20	35	16	16	3.2	8.92
HSK-E40	40	30.007	21	23	34	45	4	20	35	16	20	4	11.42
HSK-E50	50	38.009	26	29	42	59.3	7	26	42	18	25	5	14.13
HSK-E63	63	48.01	34	37	53	72.3	7	26	42	18	32	6.3	18.13

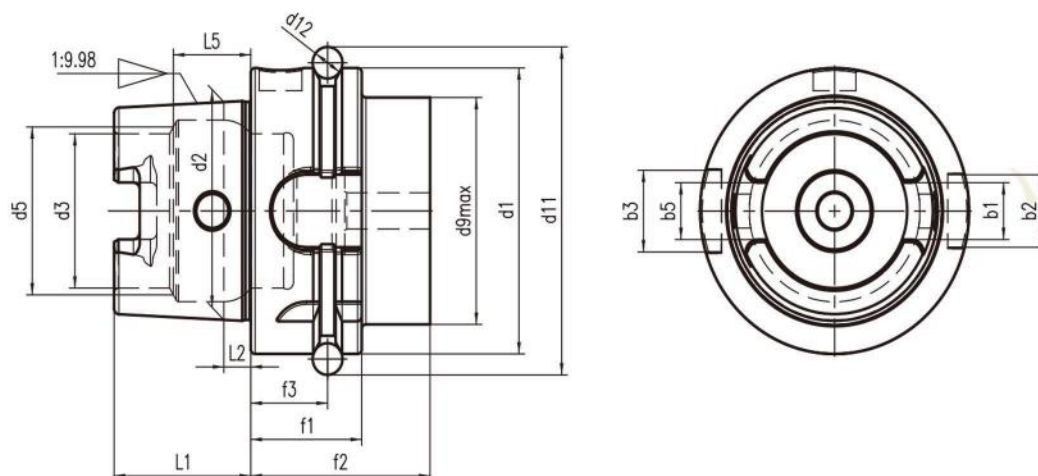
HSK-F



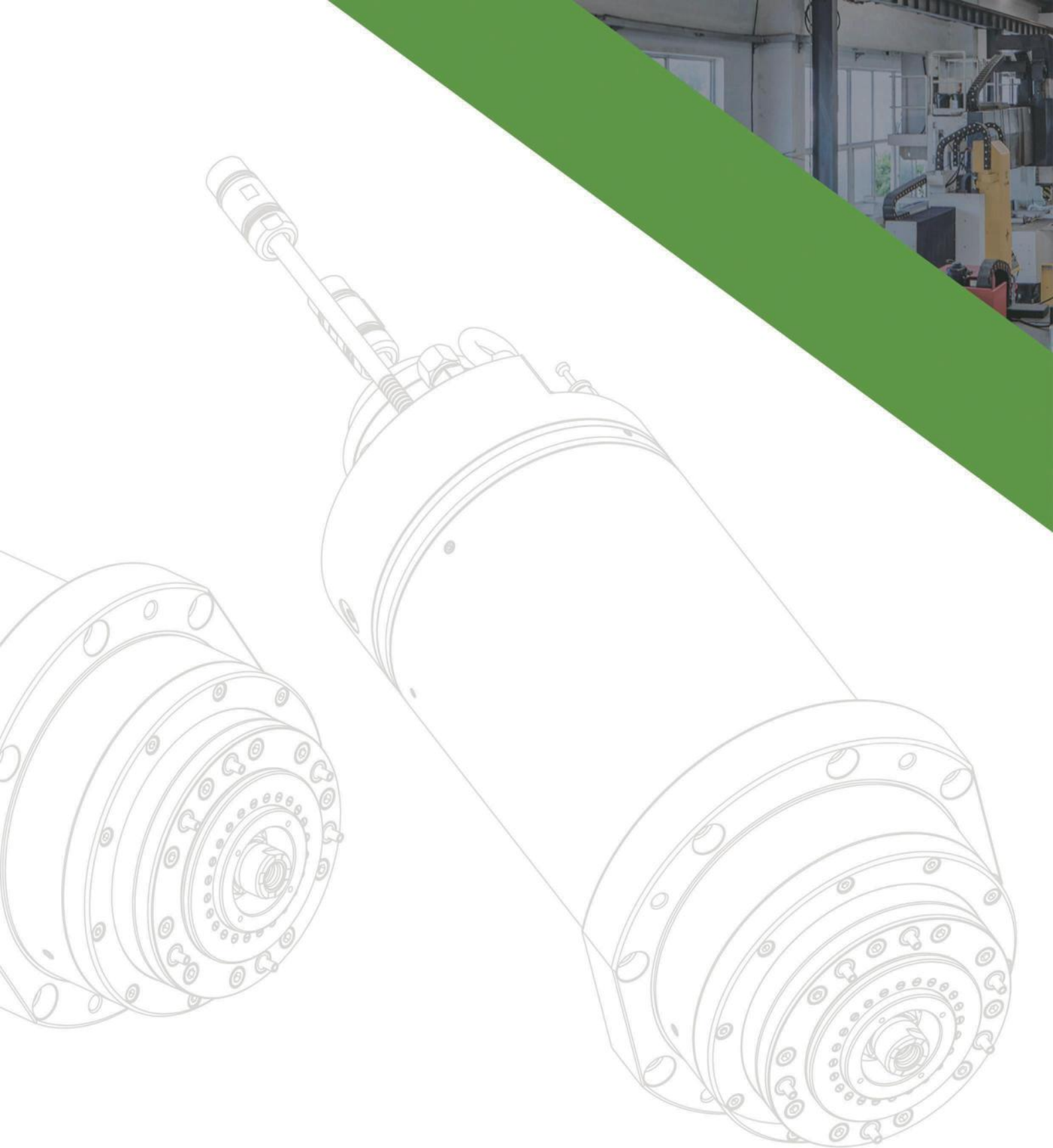
型号 MODEL	尺寸SIZE (mm)												
	d1	d2	d7	d9	d3	d5	d6	f1	f2	f3	L1	L2	L3
HSK-F50	50	30.007	21	23	42	59.3	7	26	42	18	20	4	11.42
HSK-F63	63	38.009	26	29	53	72.3	7	26	42	18	25	5	14.13
HSK-F80	50	48.01	34	37	68	88.8	7	26	42	18	32	6.3	18.13

锥柄标准 锥柄型式 (HSK短锥型式)

HSK-T



型号 MODEL	尺寸SIZE (mm)																
	b1	b5	b2	b3	d1	d2	d3	d5	d9	d11	d12	f1	f2	f3	L1	L2	L5
HSK-T32	7.05	6.932	7	9	32	24.007	17	19	31	37	4	20	23	16	16	3.2	8.92
HSK-T40	8.05	7.932	9	11	40	30.007	21	23	39	45	4	20	23	16	20	4	11.42
HSK-T50	10.54	10.425	12	14	50	38.009	26	29	49	59.3	7	26	30	18	25	5	14.13
HSK-T63	12.54	12.425	16	18	63	48.01	34	37	62	72.3	7	26	30	18	32	6.3	18.13
HSK-T100	20.02	19.91	20	22	100	75.013	53	58	99	109.75	7	29	34	20	50	10	28.56



德州博瑞精工有限公司
DEZHOU BORUI PRECISION CO.,LTD

Tel: 0534-786-3118

Web: www.borui-tools.com

Shop: www.borui-tools.com

Email: yang@borui-tools.com

Add: Xingyuan RD 117#,Pingyuan
County,Shandong Province



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