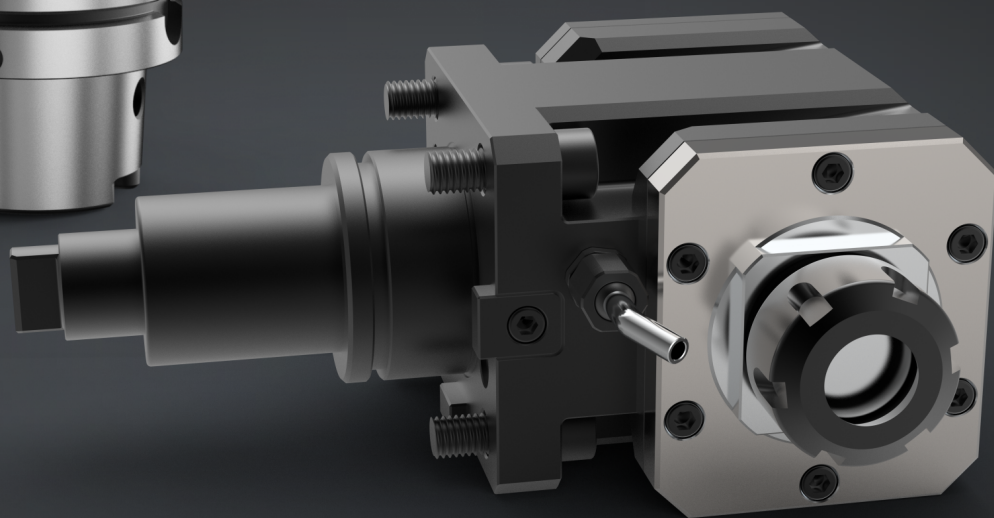


Motion tools

运动刀具

EGNC
森泰英格

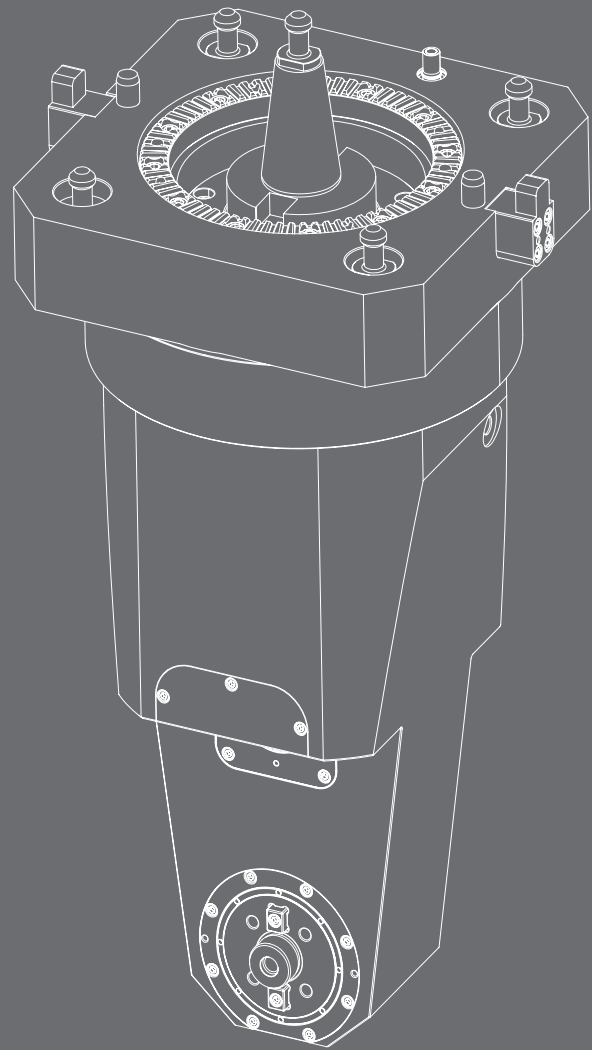
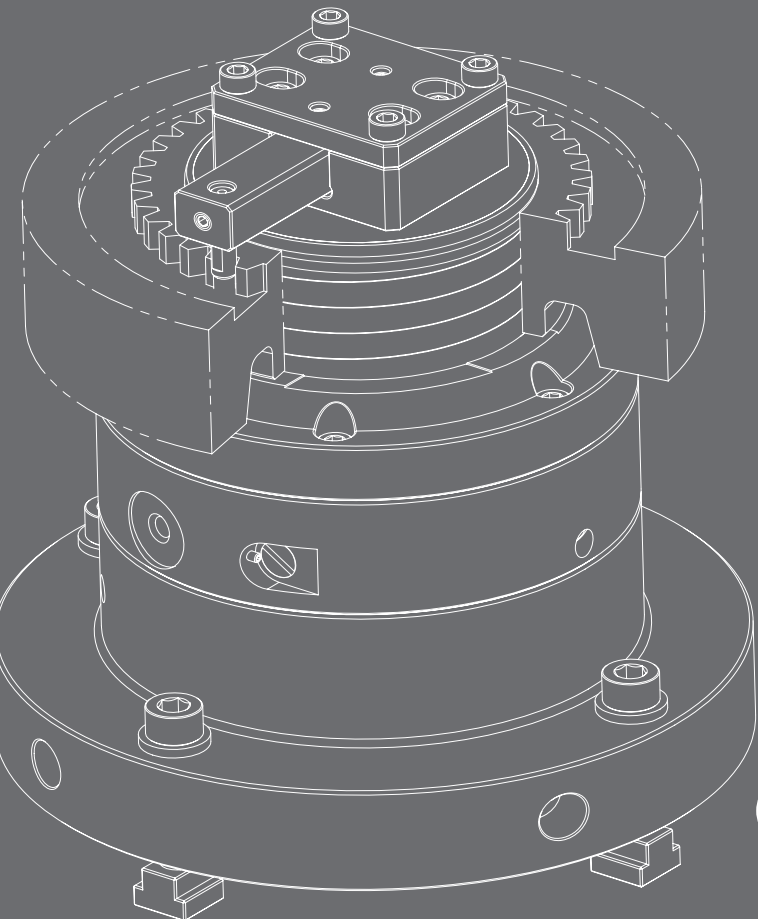


森泰英格（成都）数控刀具股份有限公司

CENTECH-EG CO.,LTD.

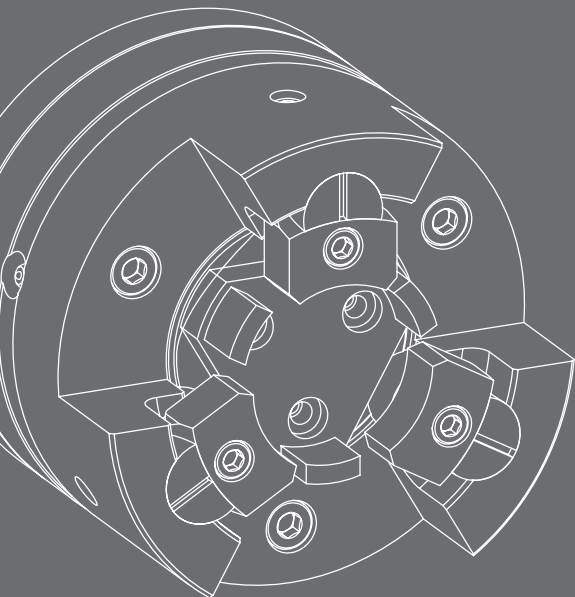
Driven Tools

运动刀具



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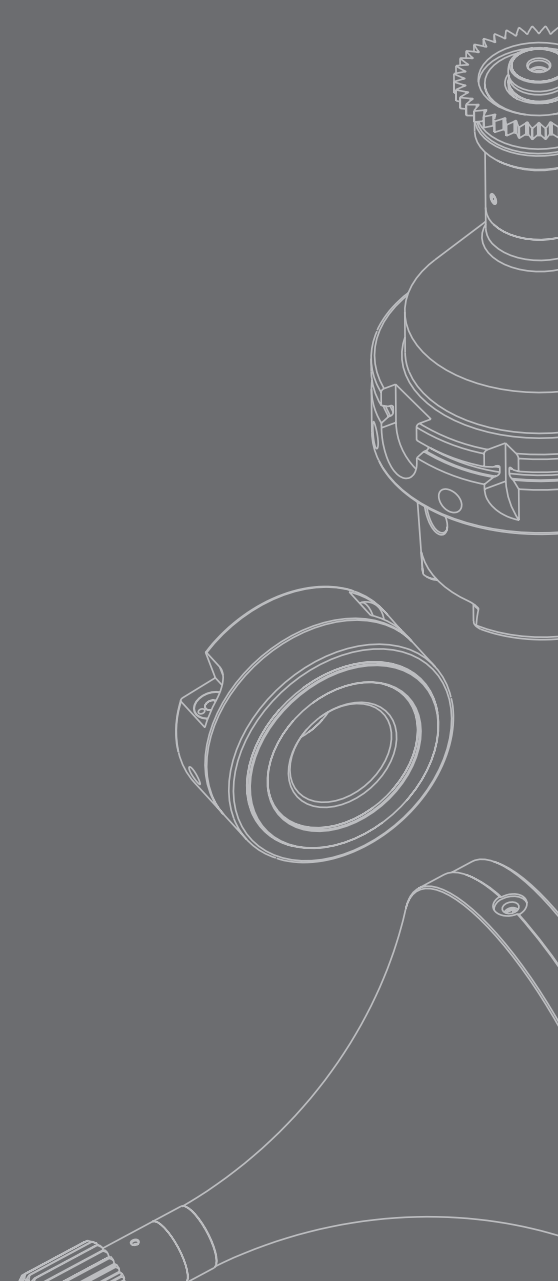
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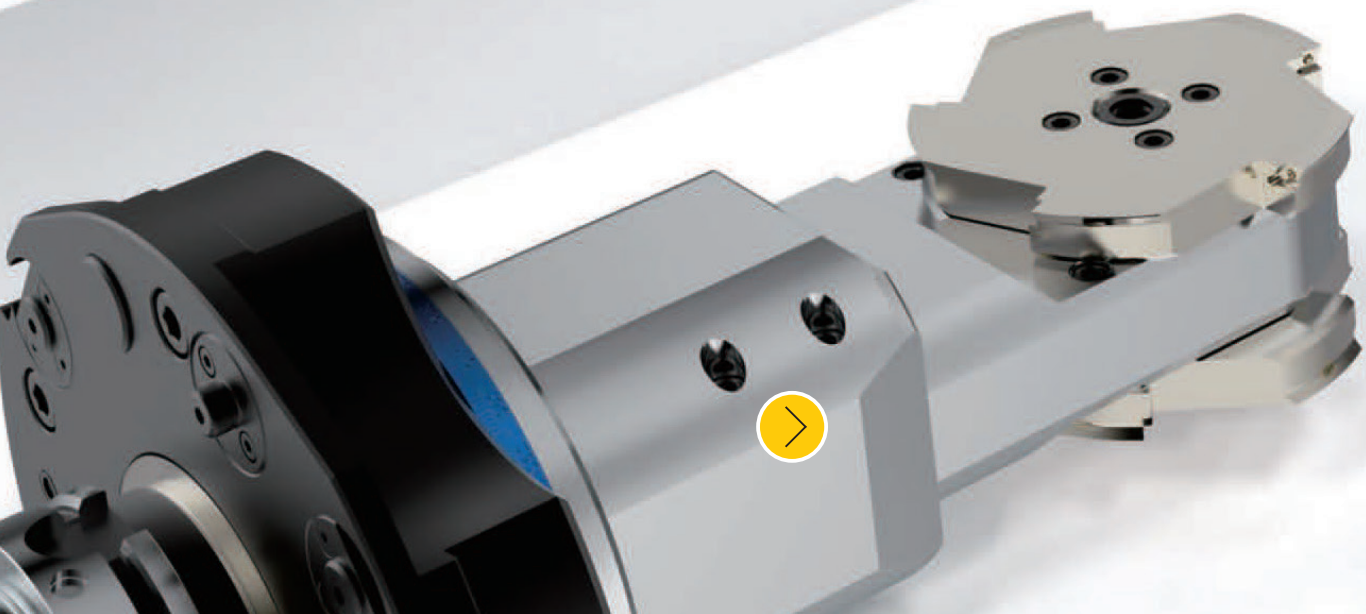


Angle Heads 角度头

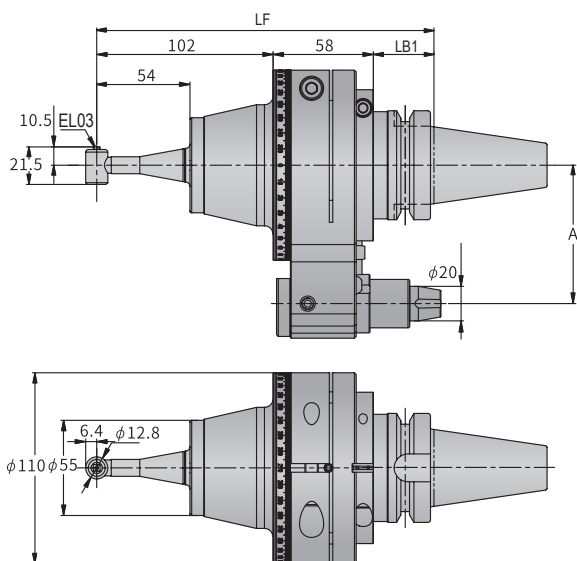


定制化服务 Tailored Solutions















我们将按照您的需求提供角度头定制化服务,解决您的加工工艺难题。
If customised angle heads are required, please contact us.



ESB90°系列迷你型角度头 ESB90° Mini Angle Head



最大转速 /rpm Max RPM	最大扭矩 /N·m Max Torque	最小干涉直径 /mm Min. Interference Diameter	输出接口 Output Interface	功率 /KW Power	传动比 Transmission Ratio
10000	1	23	EL03	0.8	1:1(反向)

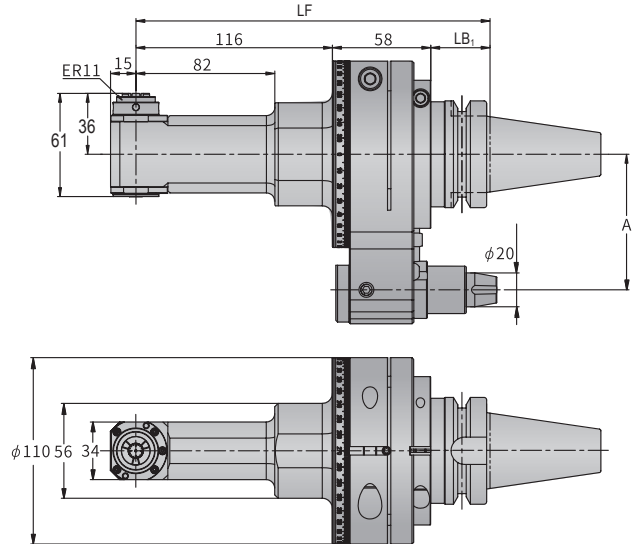
型号 Model	库存 Stock	驱动柄 Drive arbo	夹持直径 Clamping diameter	LF	LB1	A	重量 Weight/kg	螺母 Nut	扳手 Wrench
BT40-ESB90-EL03-195	○	 MAS-403	3	195	35	65,80	4.5	-	YEL03
BT50-ESB90-EL03-207	○	 MAS-403		207	47	80,110	7.5	-	YEL03
JT40-ESB90-EL03-195	○	 DIN 69871		195	35	65,80	4.5	-	YEL03
JT50-ESB90-EL03-195	○	 DIN 69871		195	35	80,110	7.5	-	YEL03
CAT40-ESB90-EL03-195	○	 ANSI ASMEB5.50CAT		195	35	65,80	4.5	-	YEL03
CAT50-ESB90-EL03-195	○	 ANSI ASMEB5.50CAT		195	35	80,110	7.5	-	YEL03
HSK63A-ESB90-EL03-202	○	 DIN-69893		202	42	65,80	4.0	-	YEL03
HSK80A-ESB90-EL03-202	○	 DIN-69893		202	42	65,80	5.5	-	YEL03
HSK100A-ESB90-EL03-205	○	 DIN-69893		205	45	80,110	6.5	-	YEL03
PSC5-ESB90-EL03-198	○	 ISO-26623		198	38	65,80	4.8	-	YEL03
PSC6-ESB90-EL03-198	○	 ISO-26623		198	38	65,80	5.5	-	YEL03
PSC8-ESB90-EL03-200	○	 ISO-26622		200	40	80,110	6.5	-	YEL03
KM50-ESB90-EL03-200	○	 ISO-26622		200	40	65,80	4.0	-	YEL03
KM63-ESB90-EL03-200	○	 ISO-26622		200	40	65,80	4.5	-	YEL03

*角度头安装至机床上时需使用定位块，定位块资料参见 E166。

●标准库存 ○订单生产

* A positioning block is required when mounting on machines and must be ordered separately, see E166.

ESB90°系列标准型角度头 (ER11) ESB90° Standard Angle Head



最大转速 /rpm Max RPM	最大扭矩 /N·m Max Torque	最小干涉直径 /mm Min. Interference Diameter	输出接口 Output Interface	功率 /KW Power	传动比 Transmission Ratio
8000	8	64.5	ER11	1.5	1:1(反向)

型号 Model	库存 Stock	驱动柄 Drivearbo	夹持直径 Clamping diameter	LF	LB ₁	A	重量 Weight/kg	螺母 Nut	扳手 Wrench
BT40-ESB90-ER11-209	●		3-7	209	35	65,80	4.7	CN11AX	ZER11
BT50-ESB90-ER11-221	●			221	47	80,110	7.7	CN11AX	ZER11
JT40-ESB90-ER11-209	○			209	35	65,80	4.7	CN11AX	ZER11
JT50-ESB90-ER11-209	○			209	35	80,110	7.7	CN11AX	ZER11
CAT40-ESB90-ER11-209	○			209	35	65,80	4.7	CN11AX	ZER11
CAT50-ESB90-ER11-209	○			209	35	80,110	7.7	CN11AX	ZER11
HSK63A-ESB90-ER11-216	●			216	42	65,80	4.7	CN11AX	ZER11
HSK80A-ESB90-ER11-216	○			216	42	65,80	6.0	CN11AX	ZER11
HSK100A-ESB90-ER11-219	●			219	45	80,110	6.7	CN11AX	ZER11
PSC5-ESB90-ER11-212	○			212	38	65,80	6.0	CN11AX	ZER11
PSC6-ESB90-ER11-212	○			212	38	65,80	6.7	CN11AX	ZER11
PSC8-ESB90-ER11-214	○			214	40	80,110	7.0	CN11AX	ZER11
KM50-ESB90-ER11-214	○			214	40	65,80	4.7	CN11AX	ZER11
KM63-ESB90-ER11-214	○			214	40	65,80	5.5	CN11AX	ZER11

*角度头安装至机床上时需使用定位块, 定位块资料参见 E166.

*附件需单独订购.

* A positioning block is required when mounting on machines and must be ordered separately, see E166.

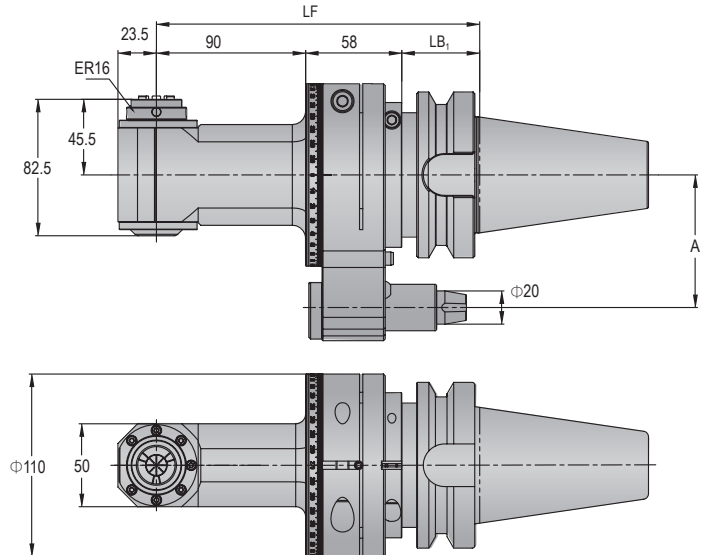
* Accessories ordered separately.

●标准库存 ○订单生产

附件 Accessories	ER11	ER16	ER20	ER25	ER32	ER40
卡簧 Collet	ER11	-	-	-	-	-

ESB90°系列标准型角度头 (ER16)

ESB90° Standard Angle Head



最大转速 /rpm Max RPM	最大扭矩 /N·m Max Torque	最小干涉直径 /mm Min. Interference Diameter	输出接口 Output Interface	功率 /KW Power	传动比 Transmission Ratio
6000	18	89	ER16	2.5	1:1(反向)

型号 Model	库存 Stock	驱动柄 Drive arbo	夹持直径 Clamping diameter	LF	LB ₁	A	重量 Weight/kg	螺母 Nut	扳手 Wrench
BT40-ESB90-ER16-183	●	MAS-403	3-10	183	35	65,80	5.0	CN16AX	ZER16
BT50-ESB90-ER16-195	●			195	47	80,110	8.0	CN16AX	ZER16
JT40-ESB90-ER16-183	○	DIN 69871		183	35	65,80	5.0	CN16AX	ZER16
JT50-ESB90-ER16-183	○			183	35	80,110	8.0	CN16AX	ZER16
CAT40-ESB90-ER16-183	○	ANSI ASMEB5.50CAT		183	35	65,80	5.0	CN16AX	ZER16
CAT50-ESB90-ER16-183	○			183	35	80,110	8.0	CN16AX	ZER16
HSK63A-ESB90-ER16-190	●	DIN-69893		190	42	65,80	5.0	CN16AX	ZER16
HSK80A-ESB90-ER16-190	○			190	42	65,80	6.0	CN16AX	ZER16
HSK100A-ESB90-ER16-193	●			193	45	80,110	7.0	CN16AX	ZER16
PSC5-ESB90-ER16-186	○			ISO-26623	186	38	65,80	6.0	CN16AX
PSC6-ESB90-ER16-186	○	186			38	65,80	7.0	CN16AX	ZER16
PSC8-ESB90-ER16-188	○	188			40	80,110	7.5	CN16AX	ZER16
KM50-ESB90-ER16-188	○	ISO-26622			188	40	65,80	5.0	CN16AX
KM63-ESB90-ER16-188	○			188	40	65,80	5.5	CN16AX	ZER16

*角度头安装至机床上时需使用定位块，定位块资料参见 E166 页。

*附件需单独订购。

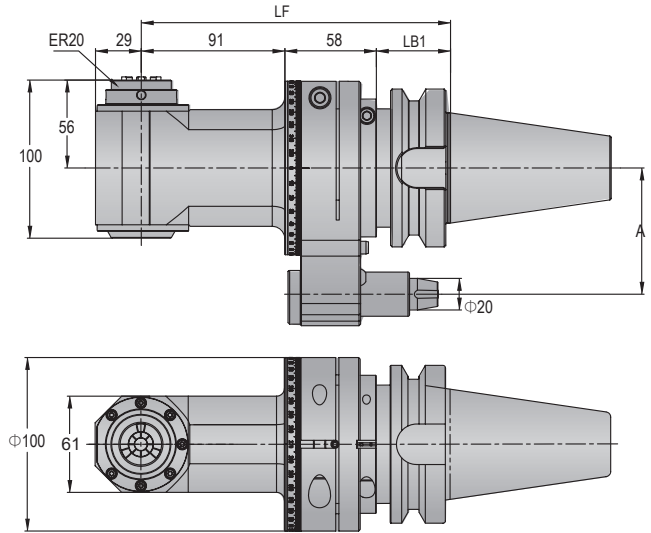
* A positioning block is required when mounting on machines and must be ordered separately, see E166.

* Accessories ordered separately.

●标准库存 ○订单生产

附件 Accessories	ER11	ER16	ER20	ER25	ER32	ER40
卡簧 Collet	-	ER16	-	-	-	-

ESB90°系列标准型角度头 (ER20) ESB90° Standard Angle Head



最大转速 /rpm Max RPM	最大扭矩 /N·m Max Torque	最小干涉直径 /mm Min. Interference Diameter	输出接口 Output Interface	功率 /KW Power	传动比 Transmission Ratio
6000	25	108	ER20	4	1:1(反向)

型号 Model	库存 Stock	驱动柄 Drive arbo	夹持直径 Clamping diameter	LF	LB ₁	A	重量 Weight/kg	螺母 Nut	扳手 Wrench
BT40-ESB90-ER20-184Z	●	MAS-403	3-13	184	35	65,80	6.0	CN20AX	ZER20
BT50-ESB90-ER20-196Z	●			196	47	80,110	9.0	CN20AX	ZER20
JT40-ESB90-ER20-184Z	○	DIN 69871		184	35	65,80	6.0	CN20AX	ZER20
JT50-ESB90-ER20-184Z	○			184	35	80,110	9.0	CN20AX	ZER20
CAT40-ESB90-ER20-184Z	○	ANSI ASMEB5.50CAT		184	35	65,80	6.0	CN20AX	ZER20
CAT50-ESB90-ER20-184Z	○			184	35	80,110	9.0	CN20AX	ZER20
HSK63A-ESB90-ER20-191Z	●	DIN-69893		191	42	65,80	5.8	CN20AX	ZER20
HSK80A-ESB90-ER20-191Z	○			191	42	65,80	6.5	CN20AX	ZER20
HSK100A-ESB90-ER20-194Z	●			194	45	80,110	7.6	CN20AX	ZER20
PSC5-ESB90-ER20-187Z	○	ISO-26623		187	38	65,80	6.5	CN20AX	ZER20
PSC6-ESB90-ER20-187Z	○			187	38	65,80	8.0	CN20AX	ZER20
PSC8-ESB90-ER20-189Z	○			189	40	80,110	8.5	CN20AX	ZER20
KM50-ESB90-ER20-189Z	○			ISO-26622	189	40	65,80	6.0	CN20AX
KM63-ESB90-ER20-189Z	○	189			40	65,80	6.5	CN20AX	ZER20

*角度头安装至机床上时需使用定位块，定位块资料参见 E166。

●标准库存 ○订单生产

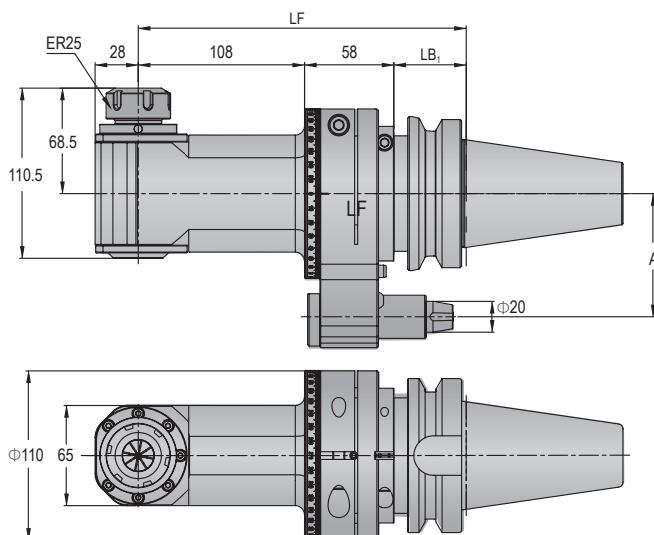
*附件需单独订购。

* A positioning block is required when mounting on machines and must be ordered separately, see E166.

* Accessories ordered separately.

附件 Accessories	ER11	ER16	ER20	ER25	ER32	ER40
卡簧 Collet	-	-	ER20	-	-	-

ESB90°系列标准型角度头 (ER25) ESB90° Standard Angle Head



最大转速 /rpm Max RPM	最大扭矩 /N·m Max Torque	最小干涉直径 /mm Min. Interference Diameter	输出接口 Output Interface	功率 /KW Power	传动比 Transmission Ratio
6000	35	119	ER25	5	1:1(反向)

型号 Model	库存 Stock	驱动柄 Drive arbo	夹持直径 Clamping diameter	LF	LB ₁	A	重量 Weight/kg	螺母 Nut	扳手 Wrench
BT40-ESB90-ER25-201Z	●	MAS-403	3-16	201	35	65,80	7.0	CN25B	ZER25
BT50-ESB90-ER25-213Z	●			213	47	80,110	9.7	CN25B	ZER25
JT50-ESB90-ER25-201Z	○	DIN 69871		201	35	80,110	9.7	CN25B	ZER25
CAT50-ESB90-ER25-201Z	○	ANSI ASMEB5.50CAT		201	35	80,110	9.7	CN25B	ZER25
HSK63A-ESB90-ER25-208Z	●	DIN-69893		208	42	65,80	7.0	CN25B	ZER25
HSK80A-ESB90-ER25-208Z	○			208	42	65,80	7.5	CN25B	ZER25
HSK100A-ESB90-ER25-211Z	●			211	45	80,110	8.3	CN25B	ZER25
PSC8-ESB90-ER25-206Z	○			ISO-26623	206	40	80,110	8.5	CN25B

*角度头安装至机床上时需使用定位块，定位块资料参见 E166。

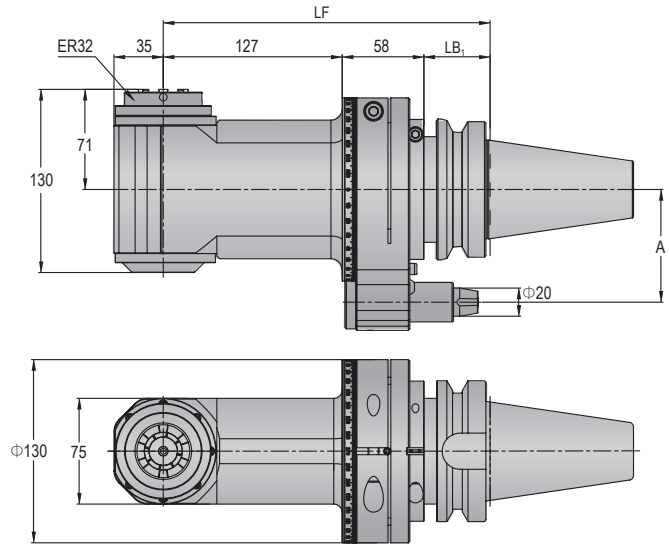
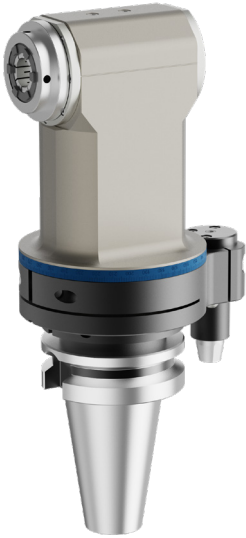
●标准库存 ○订单生产

*附件需单独订购。

* A positioning block is required when mounting on machines and must be ordered separately, see E166.

* Accessories ordered separately.

ESB90°系列标准型角度头 (ER32) ESB90° Standard Angle Head



最大转速 /rpm Max RPM	最大扭矩 /N·m Max Torque	最小干涉直径 /mm Min. Interference Diameter	输出接口 Output Interface	功率 /KW Power	传动比 Transmission Ratio
6000	45	138	ER32	6	1:1(反向)

型号 Model	库存 Stock	驱动柄 Drive arbo	夹持直径 Clamping diameter	LF	LB ₁	A	重量 Weight/kg	螺母 Nut	扳手 Wrench
BT50-ESB90-ER32-232Z	●	MAS-403	3-20	232	47	80,110	12.8	CN32AX	ZER32
JT50-ESB90-ER32-220Z	○	DIN 69871		220	35	80,110	12.8	CN32AX	ZER32
CAT50-ESB90-ER32-220Z	○	ANSI ASMEB5.50CAT		220	35	80,110	12.8	CN32AX	ZER32
HSK80A-ESB90-ER32-227Z	○	DIN-69893		227	42	65,80	10.5	CN32AX	ZER32
HSK100A-ESB90-ER32-230Z	●	DIN-69893		230	45	80,110	11.5	CN32AX	ZER32
PSC8-ESB90-ER32-225Z	○	ISO-26623		225	40	80,110	12.0	CN32AX	ZER32

*角度头安装至机床上时需使用定位块, 定位块资料参见 E166.

●标准库存 ○订单生产

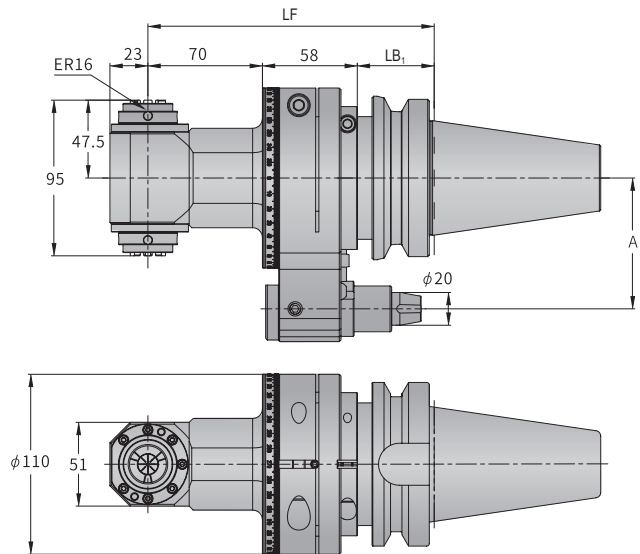
*附件需单独订购。

* A positioning block is required when mounting on machines and must be ordered separately, see E166.

* Accessories ordered separately.

附件 Accessories	ER11	ER16	ER20	ER25	ER32	ER40
卡簧 Collet	ER11	-	-	-	-	-

EDB90°系列双向型角度头 (ER16) EDB 90 Dual-Output Angle Head



最大转速 /rpm Max RPM	最大扭矩 /N·m Max Torque	最小干涉直径 /mm Min. Interference Diameter	输出接口 Output Interface	功率 /KW Power	传动比 Transmission Ratio
6000	18	97	ER16	2.5	1:1(反向)

型号 Model	库存 Stock	驱动柄 Drive arbo	夹持直径 Clamping diameter	LF	LB ₁	A	重量 Weight/kg	螺母 Nut	扳手 Wrench		
BT40-EDB90-ER16-163	○		3-10	163	35	65,80	4.8	CN16AX	ZER16		
BT50-EDB90-ER16-175	○			MAS-403	175	47	80,110	7.8	CN16AX	ZER16	
JT40-EDB90-ER16-163	○			DIN 69871	163	35	65,80	4.8	CN16AX	ZER16	
JT50-EDB90-ER16-163	○			ANSI ASMEB5.50CAT	163	35	80,110	7.8	CN16AX	ZER16	
CAT40-EDB90-ER16-163	○				163	35	65,80	4.8	CN16AX	ZER16	
CAT50-EDB90-ER16-163	○				163	35	80,110	7.8	CN16AX	ZER16	
HSK63A-EDB90-ER16-170	○				DIN-69893	170	42	65,80	4.8	CN16AX	ZER16
HSK80A-EDB90-ER16-170	○					170	42	65,80	5.8	CN16AX	ZER16
HSK100A-EDB90-ER16-173	○			173		45	80,110	6.8	CN16AX	ZER16	
PSC5-EDB90-ER16-166	○			ISO-26623	166	38	65,80	5.8	CN16AX	ZER16	
PSC6-EDB90-ER16-166	○	166	38		65,80	6.8	CN16AX	ZER16			
PSC8-EDB90-ER16-168	○	168	40		80,110	7.3	CN16AX	ZER16			
KM50-EDB90-ER16-168	○	ISO-26622	168		40	65,80	4.8	CN16AX	ZER16		
KM63-EDB90-ER16-168	○		168		40	65,80	5.3	CN16AX	ZER16		

*角度头安装至机床上时需使用定位块，定位块资料参见 E166.

*附件需单独订购。

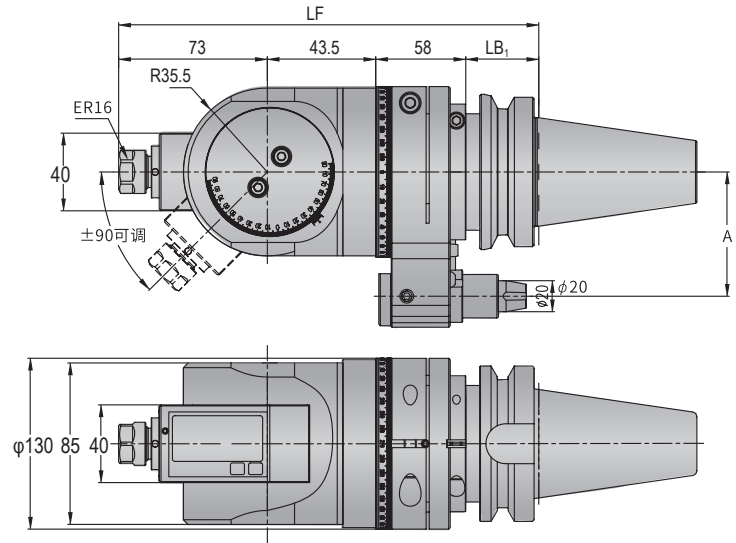
* A positioning block is required when mounting on machines and must be ordered separately, see E166.

* Accessories ordered separately.

●标准库存 ○订单生产

附件 Accessories	ER11	ER16	ER20	ER25	ER32	ER40
卡簧 Collet	-	ER16	-	-	-	-

EUB90°系列万向型角度头 (ER16) EUB90°Universal Angle Head



最大转速 /rpm Max RPM	最大扭矩 /N·m Max Torque	最小干涉直径 /mm Min. Interference Diameter	输出接口 Output Interface	功率 /KW Power	传动比 Transmission Ratio
6000	25	—	ER16	3	1:1(反向)

型号 Model	库存 Stock	驱动柄 Drive arbo	夹持直径 Clamping diameter	LF	LB ₁	A	重量 Weight/kg	螺母 Nut	扳手 Wrench
BT40-EUB90-ER16-209.5	○		MAS-403	209.5	35	65,80	8.5	CN16HS	ZER16
BT50-EUB90-ER16-221.5	○			221.5	47	80,110	11.5	CN16HS	ZER16
JT40-EUB90-ER16-209.5	○		DIN 69871	209.5	35	65,80	8.5	CN16HS	ZER16
JT50-EUB90-ER16-209.5	○			209.5	35	80,110	11.5	CN16HS	ZER16
CAT40-EUB90-ER16-209.5	○		ANSI ASMEB5.50CAT	209.5	35	65,80	8.5	CN16HS	ZER16
CAT50-EUB90-ER16-209.5	○			209.5	35	80,110	11.5	CN16HS	ZER16
HSK63A-EUB90-ER16-216.5	○			216.5	42	65,80	8.5	CN16HS	ZER16
HSK80A-EUB90-ER16-216.5	○		DIN-69893	216.5	42	65,80	9.5	CN16HS	ZER16
HSK100A-EUB90-ER16-219.5	○			219.5	45	80,110	10.5	CN16HS	ZER16
PSC5-EUB90-ER16-212.5	○			212.5	38	65,80	9.5	CN16HS	ZER16
PSC6-EUB90-ER16-212.5	○		ISO-26623	212.5	38	65,80	10.5	CN16HS	ZER16
PSC8-EUB90-ER16-214.5	○			214.5	40	80,110	11.0	CN16HS	ZER16
KM50-EUB90-ER16-214.5	○		ISO-26622	214.5	40	65,80	8.5	CN16HS	ZER16
KM63-EUB90-ER16-214.5	○			214.5	40	65,80	9.0	CN16HS	ZER16

*角度头安装至机床上时需使用定位块, 定位块资料参见 E166.

●标准库存 ○订单生产

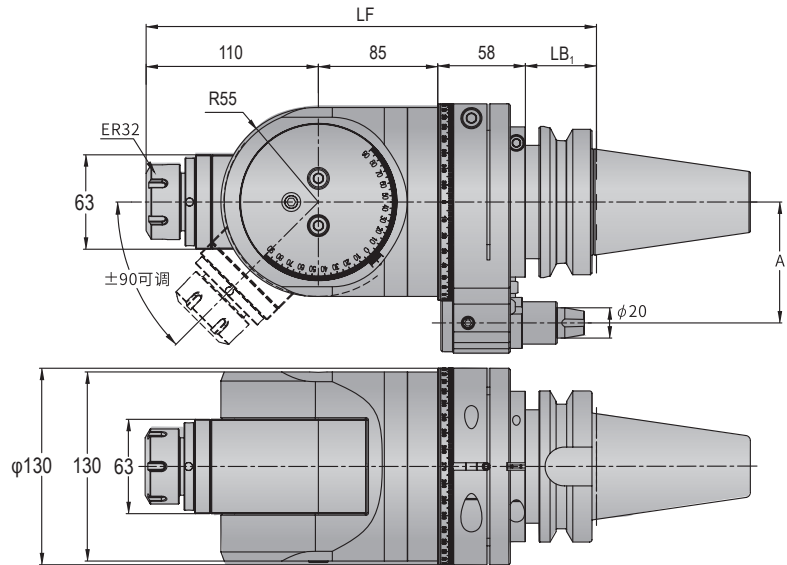
*附件需单独订购。

* A positioning block is required when mounting on machines and must be ordered separately, see E166.







* Accessories ordered separately.

附件 Accessories	ER11	ER16	ER20	ER25	ER32	ER40
卡簧 Collet	-	ER16	-	-	-	-

EUB90°系列万向型角度头 (ER32) EUB90°Universal Angle Head



最大转速 /rpm Max RPM	最大扭矩 /N·m Max Torque	最小干涉直径 /mm Min. Interference Diameter	输出接口 Output Interface	功率 /KW Power	传动比 Transmission Ratio
5000	55	—	ER32	4	1:1(反向)

型号 Model	库存 Stock	驱动柄 Drive arbo	夹持直径 Clamping diameter	LF	LB ₁	A	重量 Weight/kg	螺母 Nut	扳手 Wrench
BT50-EUB90-ER32-300Z	○	 MAS-403	3-20	300	47	80,110	15.5	CN32B	ZER32
JT50-EUB90-ER32-288Z	○	 DIN 69871		288	35	80,110	15.5	CN32B	ZER32
CAT50-EUB90-ER32-288Z	○	 ANSI ASMEB5.50CAT		288	35	80,110	15.5	CN32B	ZER32
HSK80A-EUB90-ER32-295Z	○	 DIN-69893		295	42	65,80	13.5	CN32B	ZER32
HSK100A-EUB90-ER32-298Z	○	 DIN-69893		298	45	80,110	14.5	CN32B	ZER32
PSC8-EUB90-ER32-293Z	○	 ISO-26623		293	40	80,110	15	CN32B	ZER32

*角度头安装至机床上时需使用定位块，定位块资料参见 E166。

●标准库存 ○订单生产

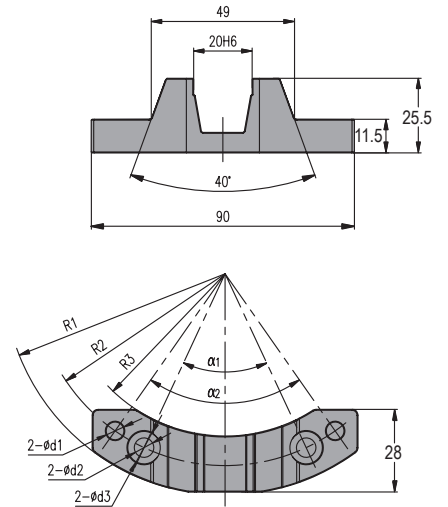
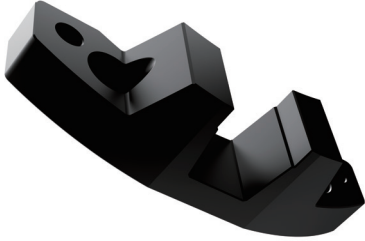
*附件需单独订购。

* A positioning block is required when mounting on machines and must be ordered separately, see E166.

* Accessories ordered separately.

附件 Accessories	ER11	ER16	ER20	ER25	ER32	ER40
 卡簧 Collet	-	-	-	-	ER32	-

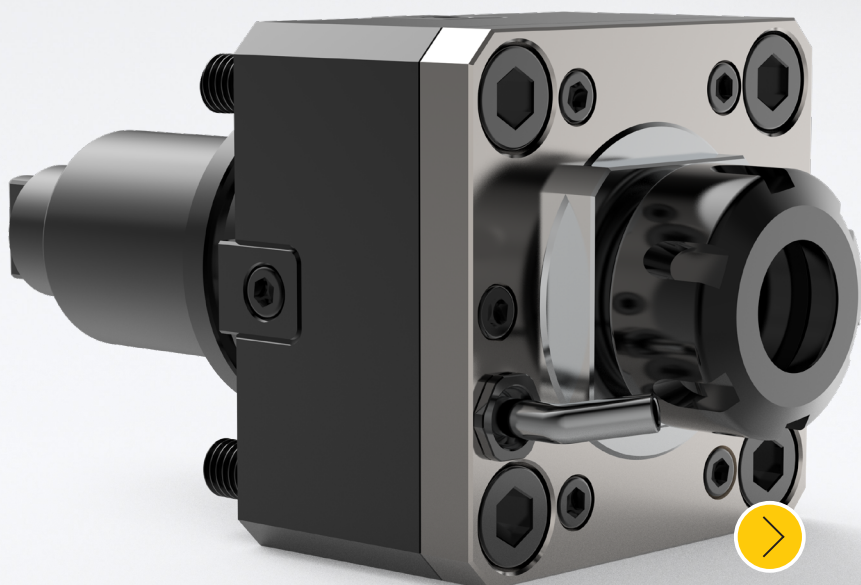
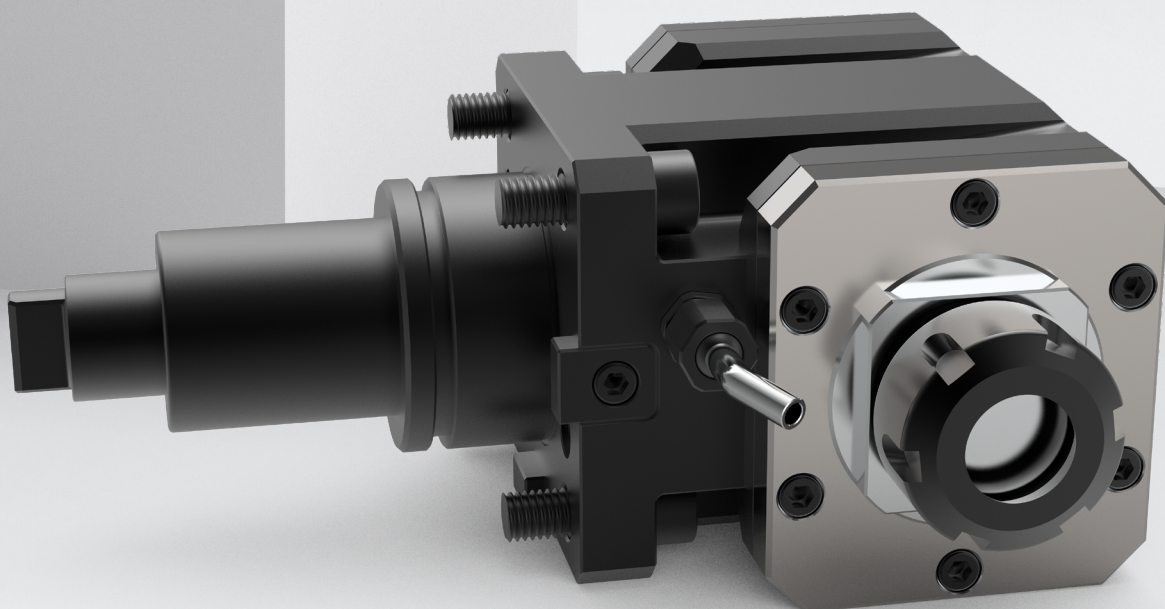
定位块 Positioning Block



型号 Model	库存 Stock	尺寸 Dimension/mm							
		R1	R2	R3	d1	d2	d3	$\alpha 1$	$\alpha 2$
SB065-055075X	○	75	65	55	6	6.6	11	50	70
SB080-070090X	○	90	80	70	6	6.6	11	50	70
SB110-100120X	○	120	110	100	6	6.6	11	40	60

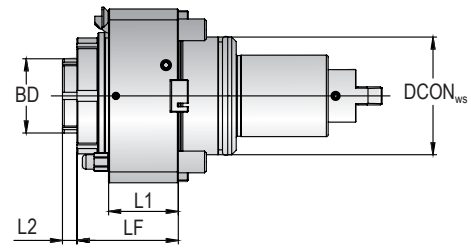
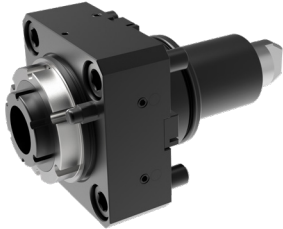
●标准库存 ○订单生产

Live Tool Holders 动力刀座



EA0 动力刀座 (外冷)

EA0 Live Tool Holder(External coolant)



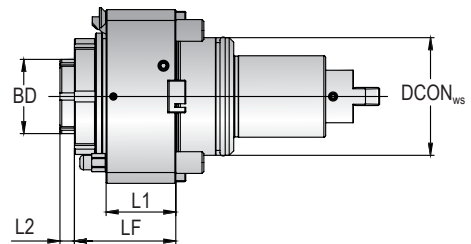
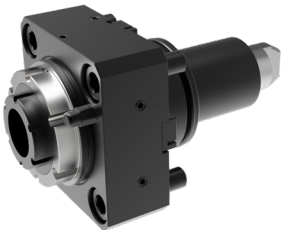
型号 Model	库存 Stock	输入接口 Input Interface	尺寸 Dimension/mm						最大转速 Max. rpm /min	扭矩 Torque /N.m	传动比 Transmission Ratio n1:n2	螺母 Nut	扳手 Wrench	卡簧 Collet	固定扳手 Wrench
			DCON _{MS}	DCON _{WS}	BD	LF	L1	L2							
BMT45-EA0-ER25-47	○	BMT45	45	3-16	32	47	33	8	6000	35	1:1(同向)	CN25B-QR	ZER25	ER25	PW-BMT45
BMT55-EA0-ER25-48	○	BMT55	55	3-16	32	48	35	8	6000	50	1:1(同向)	CN25B-QR	ZER25	ER25	PW-BMT55
BMT65-EA0-ER32-57	○	BMT65	65	3-20	41	57	38.5	8	5000	80	1:1(同向)	CN32B-QR	ZER32	ER32	PW-BMT65
BMT75-EA0-ER40-70	○	BMT75	75	3-26	59	70	49	9	4000	150	1:1(同向)	CN40B-QR	ZER40	ER40	PW-BMT75
BMT85-EA0-ER50-90	○	BMT85	85	3-34	64	90	62	17	3000	210	1:1(同向)	CN50B-QR	ZER50	ER50	PW-BMT85

* ER 卡簧资料参见 D247, 螺母资料参见 D260。
 * 附件需单独订购。
 * For collets ,see D247,for nuts,see D260.
 * Accessories ordered separately.

●标准库存 ○订单生产

EA0 动力刀座 (内冷)

EA0 Live Tool Holder(Internal coolant)

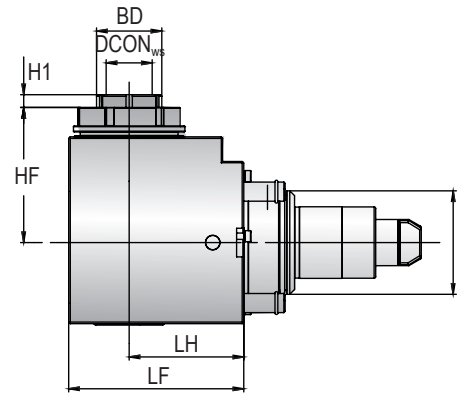


型号 Model	库存 Stock	输入接口 Input Interface	尺寸 Dimension/mm						最大转速 Max. rpm /min	扭矩 Torque /N.m	传动比 Transmission Ratio n1:n2	螺母 Nut	扳手 Wrench	卡簧 Collet	固定扳手 Wrench
			DCON _{MS}	DCON _{WS}	BD	LF	L1	L2							
BMT45-EA0-ER25-47C	○	BMT45	45	3-16	32	47	33	8	6000	35	1:1(同向)	CN25B-QR	ZER25	ER25	PW-BMT45
BMT55-EA0-ER25-48C	○	BMT55	55	3-16	32	48	35	8	6000	50	1:1(同向)	CN25B-QR	ZER25	ER25	PW-BMT55
BMT65-EA0-ER32-57C	○	BMT65	65	3-20	41	57	38.5	8	5000	80	1:1(同向)	CN32B-QR	ZER32	ER32	PW-BMT65
BMT75-EA0-ER40-70C	○	BMT75	75	3-26	59	70	49	9	4000	150	1:1(同向)	CN40B-QR	ZER40	ER40	PW-BMT75
BMT85-EA0-ER50-90C	○	BMT85	85	3-34	64	90	62	17	3000	210	1:1(同向)	CN50B-QR	ZER50	ER50	PW-BMT85

* ER 卡簧资料参见 D247, 螺母资料参见 D260。
 * 附件需单独订购。
 * For collets ,see D247,for nuts,see D260.
 * Accessories ordered separately.

●标准库存 ○订单生产

ESB90°动力刀座 (外冷) ESB90° Live Tool Holder(External coolant)



型号 Model	库存 Stock	输入接口 Input Interface	尺寸 Dimension/mm								最大转速 Max. rpm /min	扭矩 Torque /N.m	传动比 Transmission Ratio n1:n2	螺母 Nut	扳手 Wrench	卡簧 Collet	固定扳手 Wrench
			DCON _{MS}	DCON _{WS}	BD	LF	LH	HF	H1								
BMT45-ESB90-ER25-65	○	BMT45	45	3-16	32	95	65	69	8	6000	35	1:1 (同向)	CN25B-QR	ZER25	ER25	PW-BMT45	
BMT55-ESB90-ER25-70	○	BMT55	55	3-16	32	104	70	74	8	6000	50	1:1 (同向)	CN25B-QR	ZER25	ER25	PW-BMT55	
BMT55-ESB90-ER25-85	○	BMT55	55	3-16	32	119	85	74	8	6000	50	1:1 (同向)	CN25B-QR	ZER25	ER25	PW-BMT55	
BMT65-ESB90-ER32-72	○	BMT65	65	3-20	41	110	72	88	8	5000	80	1:1 (同向)	CN32B-QR	ZER32	ER32	PW-BMT65	
BMT65-ESB90-ER32-100	○	BMT65	65	3-20	41	138	100	88	8	5000	80	1:1 (同向)	CN32B-QR	ZER32	ER32	PW-BMT65	
BMT75-ESB90-ER40-60	○	BMT75	75	3-26	59	106	60	97	9	4000	150	1:1 (同向)	CN40B-QR	ZER40	ER40	PW-BMT75	
BMT85-ESB90-ER50-85	○	BMT85	85	3-34	64	141	85	125	17	3000	210	1:1 (同向)	CN50B-QR	ZER50	ER50	PW-BMT85	

* ER 卡簧资料参见 D247, 螺母资料参见 D260.

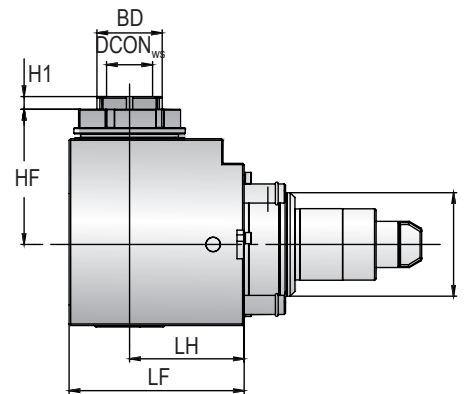
* 附件需单独订购。

* For collets ,see D247,for nuts,see D260.

* Accessories ordered separately.

●标准库存 ○订单生产

ESB90°动力刀座 (内冷) ESB90° Live Tool Holder(Internal coolant)



型号 Model	库存 Stock	输入接口 Input Interface	尺寸 Dimension/mm								最大转速 Max. rpm /min	扭矩 Torque /N.m	传动比 Transmission Ratio n1:n2	螺母 Nut	扳手 Wrench	卡簧 Collet	固定扳 手 Wrench
			DCON _{MS}	DCON _{WS}	BD	LF	LH	HF	H1								
BMT45-ESB90-ER25-65C	○	BMT45	45	3-16	32	95	65	69	8	6000	35	1:1 (同向)	CN25B-QR	ZER25	ER25	PW-BMT45	
BMT55-ESB90-ER25-70C	○	BMT55	55	3-16	32	104	70	74	8	6000	50	1:1 (同向)	CN25B-QR	ZER25	ER25	PW-BMT55	
BMT55-ESB90-ER25-85C	○	BMT55	55	3-16	32	119	85	74	8	6000	50	1:1 (同向)	CN25B-QR	ZER25	ER25	PW-BMT55	
BMT65-ESB90-ER32-72C	○	BMT65	65	3-20	41	110	72	88	8	5000	80	1:1 (同向)	CN32B-QR	ZER32	ER32	PW-BMT65	
BMT65-ESB90-ER32-100C	○	BMT65	65	3-20	41	138	100	88	8	5000	80	1:1 (同向)	CN32B-QR	ZER32	ER32	PW-BMT65	
BMT75-ESB90-ER40-60C	○	BMT75	75	3-26	59	106	60	97	9	4000	150	1:1 (同向)	CN40B-QR	ZER40	ER40	PW-BMT75	
BMT85-ESB90-ER50-85C	○	BMT85	85	3-34	64	141	85	125	17	3000	210	1:1 (同向)	CN50B-QR	ZER50	ER50	PW-BMT85	

* ER 卡簧资料参见 D247, 螺母资料参见 D260.

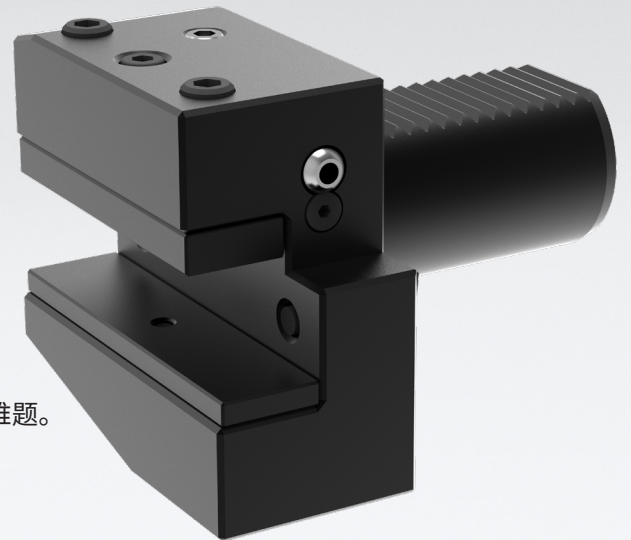
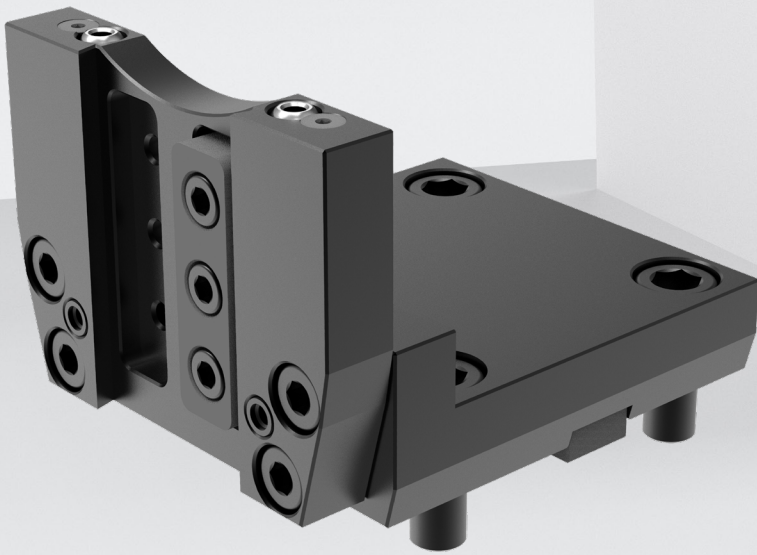
* 附件需单独订购。

* For collets ,see D247,for nuts,see D260.

* Accessories ordered separately.

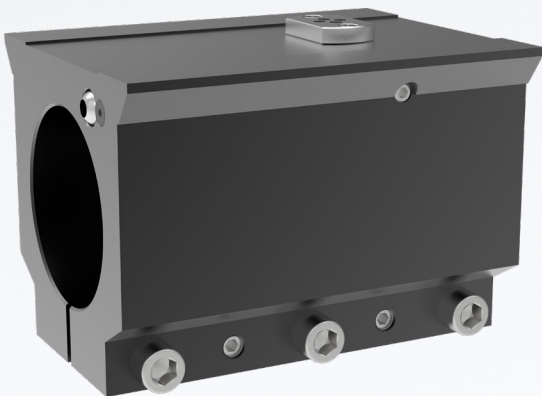
●标准库存 ○订单生产

Tool Holders 固定刀座

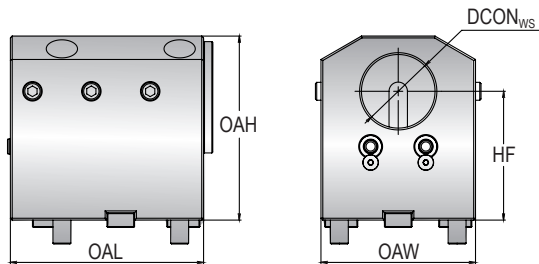


定制化服务 Tailored Solutions

我们将按照您的需求提供固定刀座定制化服务,解决您的加工工艺难题。
If customised tool holders are required, please contact us.



内孔刀座 Boring Bar Tool Holder



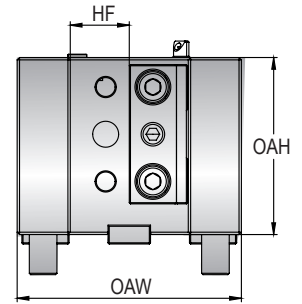
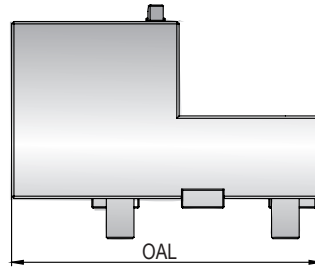
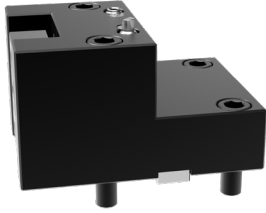
型号 Model	库存 Stock	尺寸 Dimension/mm				
		DCON _{ws}	HF	OAL	OAW	OAH
BMT45-BTK32-65	●	32	65	95	75	88
BMT45-BTK32-85	●	32	85	95	75	108
BMT45-BTK40-65	○	40	65	95	75	95
BMT45-BTK40-90	○	40	90	100	75	118
BMT55-BTK25-70	○	25	70	105	84	98
BMT55-BTK32-60	●	32	60	105	84	90
BMT55-BTK32-70	○	32	70	105	84	100
BMT55-BTK40-60	●	40	60	105	84	90
BMT55-BTK40-70	●	40	70	105	84	100
BMT55-BTK40-85	○	40	85	105	84	117
BMT65-BTK40-72	●	40	72	127	95	102
BMT65-BTK50-72	●	50	72	127	95	107
BMT65-BTK50-100	○	50	100	127	95	140
BMT75-BTK50-90	○	50	90	137	112	130
BMT75-BTK50-100	○	50	100	137	112	140
BMT75-BTK50-110	○	50	110	137	112	140
BMT75-BTK60-90	○	60	90	120	112	135
BMT75-BTK60-110	○	60	110	137	112	154
BMT85-BTK60-95	○	60	95	161	125	142
BMT85-BTK80-110	○	80	110	161	130	162

*可按客户要求定制内冷型内孔刀座。

●标准库存 ○订单生产

* Internal coolant tool holder available upon request.

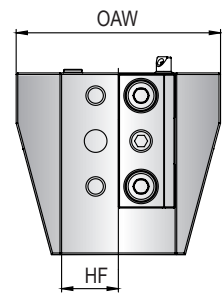
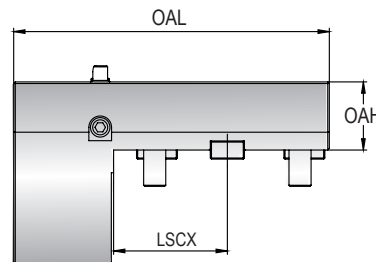
外径刀座 OD Turning Tool Holder



型号 Model	库存 Stock	尺寸 Dimension/mm			
		HF	OAL	OAW	OAH
BMT45-BWY20-60	○	20	102	75	60
BMT45-BWY25-60	●	25	111	75	60
BMT55-BWY20-70	○	20	113	86	70
BMT55-BWY25-70	●	25	125	86	70
BMT55-BWY25-80	●	25	125	86	85
BMT65-BWY25-75	●	25	131	95	75
BMT65-BWY32-100	○	32	137.5	98	100
BMT75-BWY25-100	○	25	148	115	100
BMT75-BWY32-85	○	32	150.5	115	85
BMT75-BWY32-100	○	32	150.5	115	100
BMT85-BWY32-90	○	32	173	135	90
BMT85-BWY32-120	○	32	173	135	120

●标准库存 ○订单生产

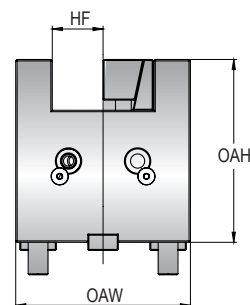
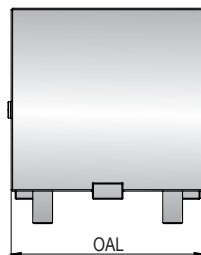
外径刀座 (后缩式) OD Turning Tool Holder (Retractable)



型号 Model	库存 Stock	尺寸 Dimension/mm				
		HF	OAL	OAW	OAH	LSCX
BMT45-HWY20-30x45.1	○	20	102	75	30	45.1
BMT45-HWY25-40x45.1	●	25	111	75	40	45.1
BMT55-HWY20-30x50.1	○	20	125	86	30	50.1
BMT55-HWY25-30x50.1	●	25	125	86	30	50.1
BMT65-HWY25-40x55.5	○	25	131	95	40	55.5
BMT75-HWY32-40x58	○	32	137.5	98	40	58
BMT75-HWY32-50x58	○	32	150.5	115	50	58
BMT85-HWY32-50x70	○	32	173	135	50	70

●标准库存 ○订单生产

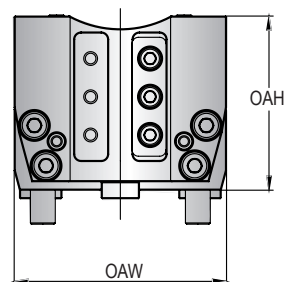
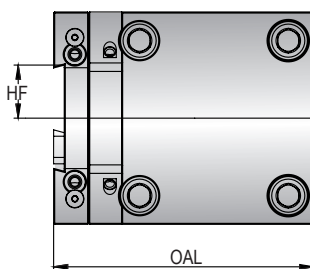
端面刀座 Face Turning Tool Holder



型号 Model	库存 Stock	尺寸 Dimension/mm			
		HF	OAL	OAW	OAH
BMT45-BDM20-60	○	20	85	75	60
BMT45-BDM20-80	●	20	85	75	80
BMT55-BDM20-70	○	20	95	86	70
BMT55-BDM25-60	○	25	95	86	60
BMT55-BDM25-80	●	25	95	85	80
BMT55-BDM25-90	○	25	95	86	90
BMT65-BDM25-70	○	25	100	95	70
BMT65-BDM25-95	●	25	105	95	95
BMT65-BDM25-120	○	25	105	95	120
BMT75-BDM25-70	○	32	115	115	70
BMT75-BDM32-70	○	32	115	115	70
BMT75-BDM32-122	○	32	120	115	122
BMT75-BDM32-135	○	32	120	115	135
BMT85-BDM32-72	○	32	156	125	72
BMT85-BDM32-107	○	32	125	125	107
BMT85-BDM40-110	○	40	168	135	110

●标准库存 ○订单生产

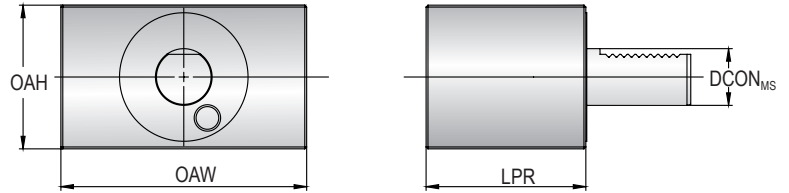
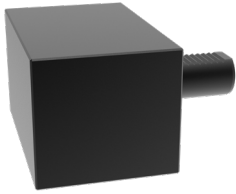
切断刀座 Cutting Tool Holder



型号 Model	库存 Stock	尺寸 Dimension/mm			
		HF	OAL	OAW	OAH
BMT45-BQD26x81	○	21.5	115	100	81
BMT45-BQD26x90	○	21.5	115	100	90
BMT55-BQD26x75	○	21.5	120	100	75
BMT55-BQD32x82	○	25	124.5	100	82
BMT65-BQD32x82	○	25	122.5	100	82
BMT65-BQD32x119	○	25	126	100	119

●标准库存 ○订单生产

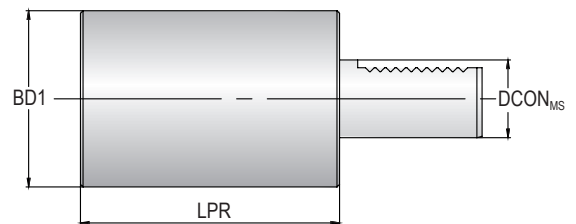
半成品刀座 (A1 型) Blank Tool Holder (A1 Type)



型号 Model	库存 Stock	尺寸 Dimension/mm			
		DCON _{MS}	LPR	OAW	OAH
VDI16-A1-44x78x44	●	16	44	78	44
VDI20-A1-65x100x60	●	20	65	100	60
VDI25-A1-75x100x60	●	25	75	100	60
VDI30-A1-85x130x76	●	30	85	130	76
VDI40-A1-100x151x96	●	40	100	151	96
VDI50-A1-125x160x120	○	50	125	160	120
VDI60-A1-160x165x125	○	60	160	165	125
VDI80-A1-200x220x160	○	80	200	220	160

●标准库存 ○订单生产

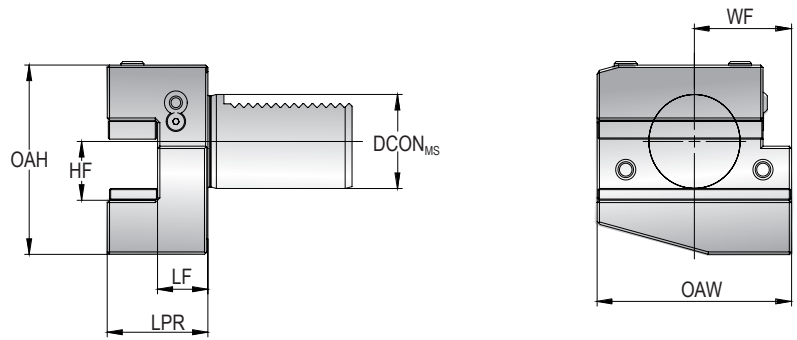
半成品刀座 (A2 型) Blank Tool Holder (A2 Type)



型号 Model	库存 Stock	尺寸 Dimension/mm		
		DCON _{MS}	BD1	LPR
VDI16-A2-40x60	●	16	40	60
VDI20-A2-50x70	●	20	50	70
VDI25-A2-58x80	●	25	58	80
VDI25-A2-58x200	●	25	58	200
VDI30-A2-68x100	●	30	68	100
VDI30-A2-68x240	●	30	68	240
VDI40-A2-83x120	●	40	83	120
VDI40-A2-83x320	●	40	83	320
VDI50-A2-98x135	○	50	98	135
VDI50-A2-98x400	○	50	98	400
VDI60-A2-123x150	○	60	123	150
VDI60-A2-123x480	○	60	123	480
VDI60-A2-158x500	○	80	158	500

●标准库存 ○订单生产

径向刀座 (B 型) OD Tool Holder (B Type)

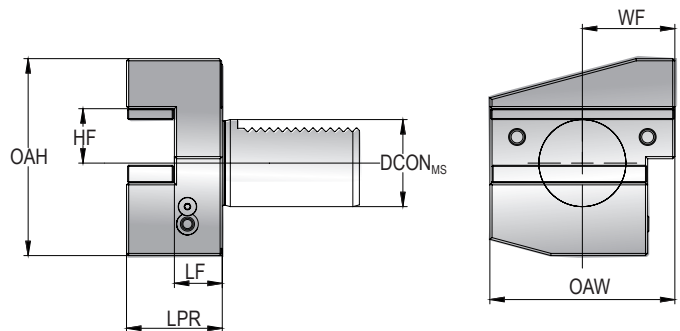
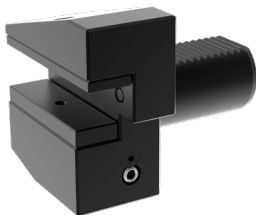


图例为右刀 Right hand style shown

型号 Model		库存 Stock		尺寸 Dimension/mm						
右刀座 Right holder	左刀座 Left holder	R	L	DCON _{MS}	LPR	LF	WF	HF	OAW	OAH
VDI16-B1-12x24	VDI16-B2-12x24	●	●	16	24	13	23	12	42	42
VDI16-B1-12x34	VDI16-B2-12x34	●	●	16	34	23	23	12	42	42
VDI20-B1-16x30	VDI20-B2-16x30	●	●	20	30	16	30	16	55	55
VDI20-B1-16x40	VDI20-B2-16x40	●	●	20	40	26	30	16	55	55
VDI25-B1-16x30	VDI25-B2-16x30	●	●	25	30	16	30	16	55	55
VDI25-B1-16x40	VDI25-B2-16x40	●	●	25	40	26	30	16	55	55
VDI30-B1-20x40	VDI30-B2-20x40	●	●	30	40	22	35	20	70	66
VDI40-B1-25x44	VDI40-B2-25x44	●	●	40	44	22	42.5	25	85	80.5
VDI50-B1-32x55	VDI50-B2-32x55	○	○	50	55	30	50	32	100	95
VDI60-B1-32x60	VDI60-B2-32x60	○	○	60	60	30	62.5	32	125	105
VDI80-B1-40x75	VDI80-B2-40x75	○	○	80	75	40	80	40	160	135

●标准库存 ○订单生产

径向刀座 (B 型) OD Tool Holder (B Type)

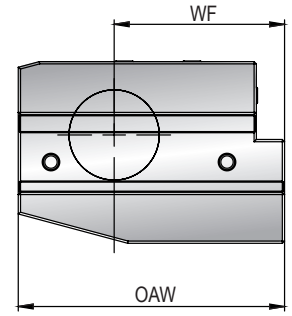
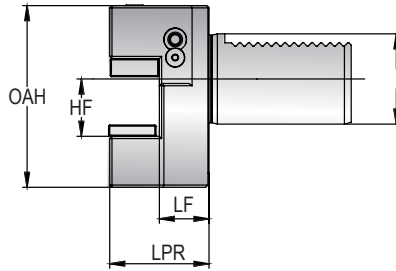


图例为右刀 Right hand style shown

型号 Model		库存 Stock		尺寸 Dimension/mm						
右刀座 Right holder	左刀座 Left holder	R	L	DCON _{MS}	LPR	LF	WF	HF	OAW	OAH
VDI16-B3-12x24	VDI16-B4-12x24	●	●	16	24	13	23	12	42	42
VDI16-B3-12x34	VDI16-B4-12x34	●	●	16	34	23	23	12	42	42
VDI20-B3-16x30	VDI20-B4-16x30	●	●	20	30	16	30	16	55	55
VDI20-B3-16x40	VDI20-B4-16x40	●	●	20	40	26	30	16	55	55
VDI25-B3-16x30	VDI25-B4-16x30	●	●	25	30	16	30	16	55	55
VDI25-B3-16x40	VDI25-B4-16x40	●	●	25	40	26	30	16	55	55
VDI30-B3-20x40	VDI30-B4-20x40	●	●	30	40	22	35	20	70	73
VDI40-B3-25x44	VDI40-B4-25x44	●	●	40	44	22	42.5	25	85	90.5
VDI50-B3-32x55	VDI50-B4-32x55	○	○	50	55	30	50	32	100	110
VDI60-B3-32x60	VDI60-B4-32x60	○	○	60	60	30	62.5	32	125	125
VDI80-B3-40x75	VDI80-B4-40x75	○	○	80	75	40	80	40	160	160

●标准库存 ○订单生产

径向刀座 (B 型、加长型) OD Tool Holder (B Type,long)

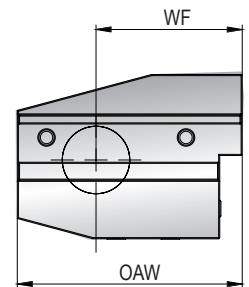
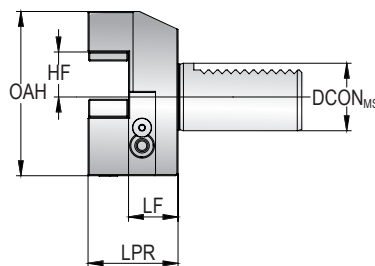


图例为右刀 Right hand style shown

型号 Model		库存 Stock		尺寸 Dimension/mm						
右刀座 Right holder	左刀座 Left holder	R	L	DCON _{MS}	LPR	LF	WF	HF	OAW	OAH
VDI16-B5-12x24	VDI16-B6-12x24	●	●	16	24	13	39	12	58	42
VDI16-B5-12x34	VDI16-B6-12x34	●	●	16	34	23	39	12	58	42
VDI20-B5-16x30	VDI20-B6-16x30	●	●	20	30	16	50	16	75	55
VDI20-B5-16x40	VDI20-B6-16x40	●	●	20	40	26	50	16	75	55
VDI25-B5-16x30	VDI25-B6-16x30	●	●	25	30	16	50	16	75	55
VDI25-B5-16x40	VDI25-B6-16x40	●	●	25	40	26	50	16	75	55
VDI30-B5-20x40	VDI30-B6-20x40	●	●	30	40	22	65	20	100	66
VDI40-B5-25x44	VDI40-B6-25x44	●	●	40	44	22	75.5	25	118	80.5
VDI50-B5-32x55	VDI50-B6-32x55	○	○	50	55	30	80	32	130	95
VDI60-B5-32x60	VDI60-B6-32x60	○	○	60	60	30	82.5	32	145	105
VDI80-B5-40x75	VDI80-B6-40x75	○	○	80	75	40	110	40	190	135/133

●标准库存 ○订单生产

径向刀座 (B 型、加长型) OD Tool Holder (B Type long)

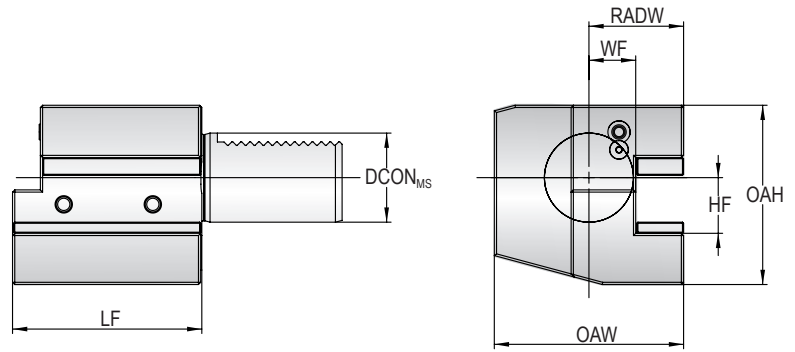
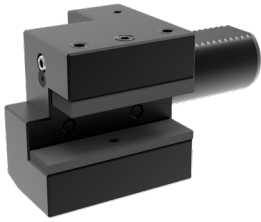


图例为右刀 Right hand style shown

型号 Model		库存 Stock		尺寸 Dimension/mm						
右刀座 Right holder	左刀座 Left holder	R	L	DCON _{MS}	LPR	LF	WF	HF	OAW	OAH
VDI16-B7-12x24	VDI16-B8-12x24	●	●	16	24	13	39	12	58	42
VDI16-B7-12x34	VDI16-B8-12x34	●	●	16	34	23	39	12	58	42
VDI20-B7-16x30	VDI20-B8-16x30	●	●	20	30	16	50	16	75	55
VDI20-B7-16x40	VDI20-B8-16x40	●	●	20	40	26	50	16	75	55
VDI25-B7-16x30	VDI25-B8-16x30	●	●	25	30	16	50	16	75	55
VDI25-B7-16x40	VDI25-B8-16x40	●	●	25	40	26	50	16	75	55
VDI30-B7-20x40	VDI30-B8-20x40	●	●	30	40	22	65	20	100	66/73
VDI40-B7-25x44	VDI40-B8-25x44	●	●	40	44	22	75.5	25	118	80.5/90.5
VDI50-B7-32x55	VDI50-B8-32x55	○	○	50	55	30	80	32	130	95/110
VDI60-B7-32x60	VDI60-B8-32x60	○	○	60	60	30	82.5	32	145	105/125
VDI80-B7-40x75	VDI80-B8-40x75	○	○	80	75	40	110	40	190	135/160

●标准库存 ○订单生产

轴向刀座 (C 型) ID Tool Holder (C Type)

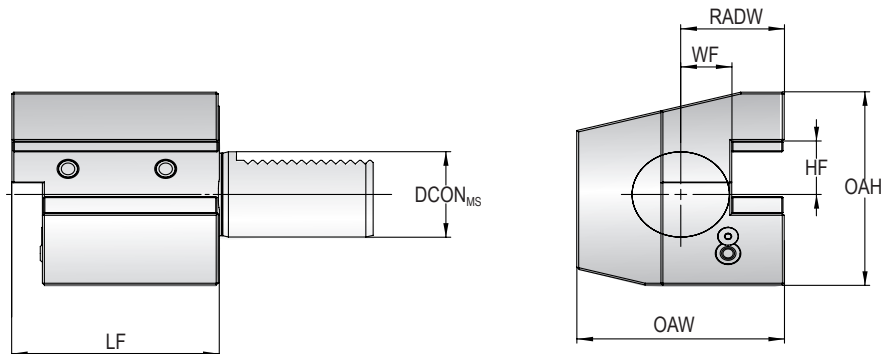


图例为右刀 Right hand style shown

型号 Model		库存 Stock		尺寸 Dimension/mm						
右刀座 Right holder	左刀座 Left holder	R	L	DCON _{MS}	LF	WF	HF	OAW	OAH	RADW
VDI16-C1-12x44	VDI16-C2-12x44	●	●	16	44	13	12	43	42	24
VDI20-C1-16x55	VDI20-C2-16x55	●	●	20	55	13	16	52	55	27/40
VDI20-C1-16x50	VDI20-C2-16x50	●	●	20	50	26	16	65	55	40
VDI25-C1-16x55	VDI25-C2-16x55	●	●	25	55	19	16	58	55	33
VDI30-C1-20x70	VDI30-C2-20x70	●	●	30	70	17	20	70	66	35/41
VDI40-C1-25x85	VDI40-C2-25x85	●	●	40	85	21	25	85	80.5	42.5/47.5
VDI50-C1-32x100	VDI50-C2-32x100	○	○	50	100	26	32	100	95	50/55
VDI60-C1-32x125	VDI60-C2-32x125	○	○	60	125	33	32	125	105	62.5
VDI80-C1-40x160	VDI80-C2-40x160	○	○	80	160	42	40	160	135	80/78

●标准库存 ○订单生产

轴向刀座 (C 型) ID Tool Holder (CType)

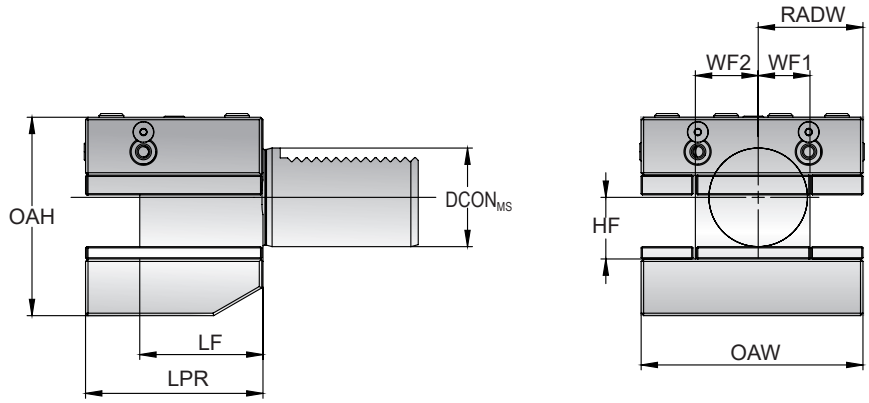


图例为右刀 Right hand style shown

型号 Model		库存 Stock		尺寸 Dimension/mm						
右刀座 Right holder	左刀座 Left holder	R	L	DCON _{MS}	LF	WF	HF	OAW	OAH	RADW
VDI16-C3-12x44	VDI16-C4-12x44	●	●	16	44	13	12	43	42	24
VDI20-C3-16x55	VDI20-C4-16x55	●	●	20	55	13	16	52	55	27/40
VDI20-C3-16x50	VDI20-C4-16x50	●	●	20	50	26	16	65	55	40
VDI25-C3-16x55	VDI25-C4-16x55	●	●	25	55	19	16	58	55	33
VDI30-C3-20x70	VDI30-C4-20x70	●	●	30	70	17	20	70	73	35/41
VDI40-C3-25x85	VDI40-C4-25x85	●	●	40	85	21	25	85	90.5	42.5/47.5
VDI50-C3-32x100	VDI50-C4-32x100	○	○	50	100	26	32	100	110	50/55
VDI60-C3-32x125	VDI60-C4-32x125	○	○	60	125	33	32	125	125	62.5
VDI80-C3-40x160	VDI80-C4-40x160	○	○	80	160	42	40	160	160	80/78

●标准库存 ○订单生产

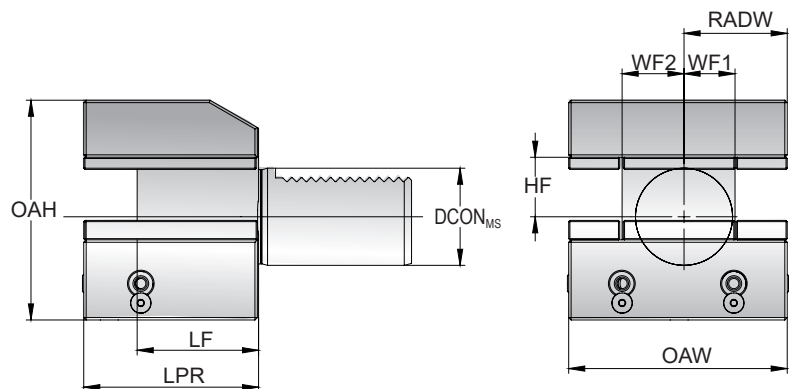
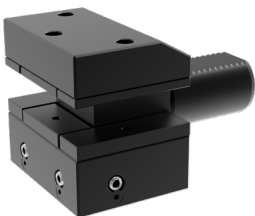
组合刀座 (D1 型) Modular Tool Holder (D1 Type)



型号 Model	库存 Stock	尺寸 Dimension/mm								
		DCON _{MS}	LPR	LF	WF1	WF2	HF	OAW	OAH	RADW
VDI25-D1-16x48	●	25	48	34	19	19	16	66	55	33
VDI30-D1-20x60	●	30	60	42	17	23	20	76	66	35
VDI40-D1-25x72	●	40	72	50	20.5	25.5	25	90	80.5	42.5
VDI50-D1-32x85	○	50	85	60	25.5	30.5	32	105	95	50
VDI60-D1-32x110	○	60	110	85	32.5	32.5	32	115	105	57.5
VDI80-D1-40x140	○	80	140	105	41	41	40	152	135	76

●标准库存 ○订单生产

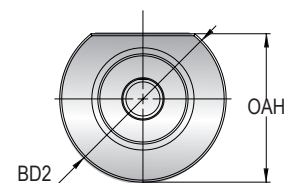
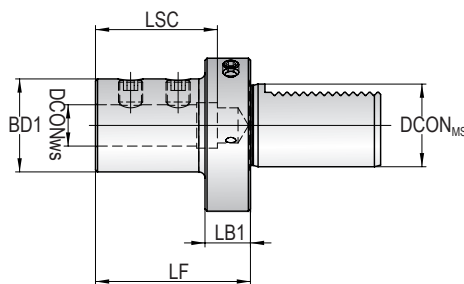
组合刀座 (D2 型) Modular Tool Holder (D2 Type)



型号 Model	库存 Stock	尺寸 Dimension/mm								
		DCON _{MS}	LPR	LF	WF1	WF2	HF	OAW	OAH	RADW
VDI25-D2-16x48	●	25	48	34	19	19	16	66	55	33
VDI30-D2-20x60	●	30	60	42	17	23	20	76	73	35
VDI40-D2-25x72	●	40	72	50	20.5	25.5	25	90	90.5	42.5
VDI50-D2-32x85	○	50	85	60	25.5	30.5	32	105	110	50
VDI60-D2-32x110	○	60	110	85	32.5	32.5	32	115	125	57.5
VDI80-D2-40x140	○	80	140	105	41	41	40	152	160	76

●标准库存 ○订单生产

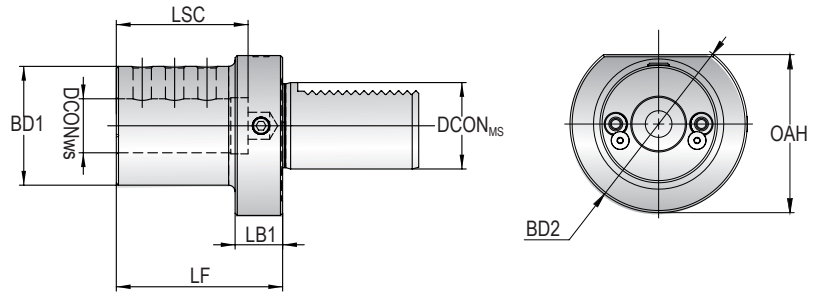
侧固式刀座 (E1 型) Side Lock Tool Holder (E1 Type)



型号 Model	库存 Stock	尺寸 Dimension/mm							
		DCON _{MS}	DCON _{WS}	BD1	BD2	LF	LB1	LSC	OAH
VDI20-E1-20x67	●	20	20	40	50	67	18	54	48
VDI20-E1-25x71	●	20	25	45	50	71	18	59	48
VDI25-E1-20x67	●	25	20	40	58	67	18	54	54
VDI25-E1-25x71	●	25	25	45	58	71	18	59	54
VDI30-E1-20x67	●	30	20	40	68	67	22	54	62
VDI30-E1-25x71	●	30	25	45	68	71	22	59	62
VDI30-E1-32x75	●	30	32	52	68	75	22	63	62
VDI30-E1-40x90	●	30	40	65	68	90	22	75	62
VDI30-E1-20x67	●	40	20	40	83	67	22	54	74
VDI40-E1-25x75	●	40	25	45	83	75	22	59	74
VDI40-E1-32x75	●	40	32	52	83	75	22	63	74
VDI40-E1-40x90	●	40	40	65	83	90	22	73	74
VDI50-E1-20x67	○	50	20	40	98	67	30	54	84
VDI50-E1-25x80	○	50	25	45	98	80	30	59	84
VDI50-E1-32x80	○	50	32	52	98	80	30	63	84
VDI50-E1-40x90	○	50	40	65	98	90	30	73	84
VDI50-E1-50x100	○	50	50	75	98	100	30	83	84
VDI60-E1-20x80	○	60	20	40	123	80	30	54	104
VDI60-E1-25x80	○	60	25	45	123	80	30	59	104
VDI60-E1-32x80	○	60	32	52	123	80	30	63	104
VDI60-E1-40x90	○	60	40	65	123	90	30	73	104
VDI60-E1-50x100	○	60	50	75	123	100	30	83	104
VDI80-E1-20x80	○	80	20	40	158	80	40	54	134
VDI80-E1-25x80	○	80	25	45	158	80	40	59	134
VDI80-E1-32x80	○	80	32	52	158	80	40	63	134
VDI80-E1-40x90	○	80	40	65	158	90	40	73	134
VDI80-E1-50x100	○	80	50	75	158	100	40	83	134

●标准库存 ○订单生产

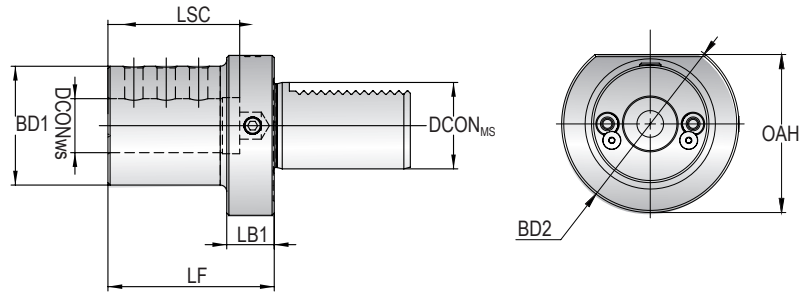
侧固式刀座 (E2 型) Side Lock Tool Holder (E2 Type)



型号 Model	库存 Stock	尺寸 Dimension/mm							
		DCON _{MS}	DCON _{WS}	BD1	BD2	LF	LB1	LSC	OAH
VDI16-E2-06x44	●	16	6	32	40	44	13	34	38
VDI16-E2-08x44	●	16	8	32	40	44	13	34	38
VDI16-E2-10x44	●	16	10	32	40	44	13	34	38
VDI16-E2-12x44	●	16	12	40	40	44	13	34	38
VDI16-E2-16x44	●	16	16	40	40	44	13	34	38
VDI20-E2-08x50	●	20	8	40	50	50	18	41	-
VDI20-E2-10x50	●	20	10	40	50	50	18	41	-
VDI20-E2-12x50	●	20	12	40	50	50	18	41	-
VDI20-E2-16x50	●	20	16	40	50	50	18	41	-
VDI20-E2-20x50	●	20	20	45	50	50	18	41	-
VDI20-E2-25x60	●	20	25	45	50	60	18	51	-
VDI25-E2-08x50	●	25	8	40	58	50	18	41	54
VDI25-E2-10x50	●	25	10	40	58	50	18	41	54
VDI25-E2-12x50	●	25	12	40	58	50	18	41	54
VDI25-E2-16x50	●	25	16	40	58	50	18	41	54
VDI25-E2-20x50	●	25	20	58	58	50	18	41	54
VDI25-E2-25x60	●	25	25	58	58	60	18	51	54
VDI32-E2-08x60	●	30	8	55	68	60	22	51	62
VDI32-E2-10x60	●	30	10	55	68	60	22	51	62
VDI32-E2-12x60	●	30	12	55	68	60	22	51	62
VDI32-E2-16x60	●	30	16	55	68	60	22	51	62
VDI32-E2-20x60	●	30	20	55	68	60	22	51	62
VDI32-E2-25x60	●	30	25	55	68	60	22	51	62
VDI32-E2-32x75	●	30	32	62	68	75	22	61	62
VDI40-E2-08x75	●	40	8	55	83	75	22	61	74
VDI40-E2-10x75	●	40	10	55	83	75	22	61	74
VDI40-E2-12x75	●	40	12	55	83	75	22	61	74

●标准库存 ○订单生产

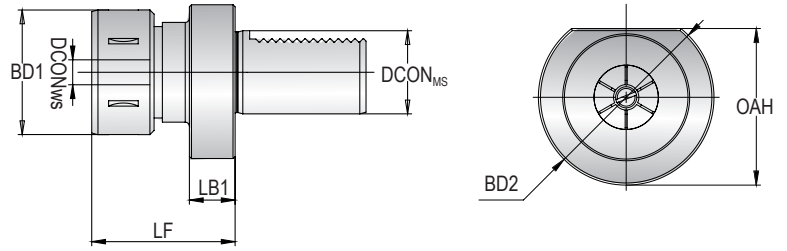
侧固式刀座 (E2 型) Side Lock Tool Holder (E2 Type)



型号 Model	库存 Stock	尺寸 Dimension/mm							
		DCON _{MS}	DCON _{WS}	BD1	BD2	LF	LB1	LSC	OAH
VDI40-E2-16x75	●	40	16	55	83	75	22	61	74
VDI40-E2-20x75	●	40	20	55	83	75	22	61	74
VDI40-E2-25x75	●	40	25	55	83	75	22	61	74
VDI40-E2-32x75	●	40	32	70	83	75	22	61	74
VDI40-E2-40x90	●	40	40	70	83	90	22	76	74
VDI50-E2-08x90	○	50	8	62	98	90	30	76	84
VDI50-E2-10x90	○	50	10	62	98	90	30	76	84
VDI50-E2-12x90	○	50	12	62	98	90	30	76	84
VDI50-E2-16x90	○	50	16	62	98	90	30	76	84
VDI50-E2-20x90	○	50	20	62	98	90	30	76	84
VDI50-E2-25x90	○	50	25	62	98	90	30	76	84
VDI50-E2-32x90	○	50	32	62	98	90	30	76	84
VDI50-E2-40x90	○	50	40	80	98	90	30	76	84
VDI50-E2-50x100	○	50	50	80	98	100	30	86	84
VDI60-E2-10x90	○	60	10	68	123	90	30	76	104
VDI60-E2-12x90	○	60	12	68	123	90	30	76	104
VDI60-E2-16x90	○	60	16	68	123	90	30	76	104
VDI60-E2-20x90	○	60	20	68	123	90	30	76	104
VDI60-E2-25x90	○	60	25	68	123	90	30	76	104
VDI60-E2-32x90	○	60	32	68	123	90	30	76	104
VDI60-E2-40x90	○	60	40	98	123	90	30	76	104
VDI60-E2-50x100	○	60	50	98	123	100	30	86	104
VDI80-E2-20x100	○	80	20	68	158	100	30	86	134
VDI80-E2-25x100	○	80	25	68	158	100	30	86	134
VDI80-E2-32x100	○	80	32	68	158	100	30	86	134
VDI80-E2-40x100	○	80	40	98	158	100	30	86	134
VDI80-E2-50x100	○	80	50	98	158	100	30	86	134

●标准库存 ○订单生产

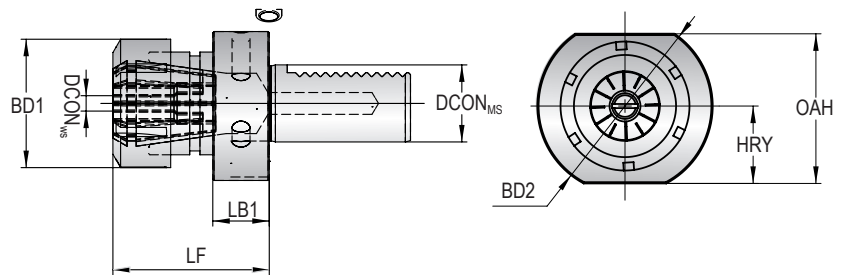
弹簧夹头刀座 (E3 型) Collet Chuck Holder (E3 Type)



型号 Model	库存 Stock	尺寸 Dimension/mm							
		DCON _{MS}	DCON _{WS}		BD2	BD1	LB1	LF	OAH
			Form A	Form B					
VDI16-E3-12x45.5	●	16	1-12		40	43	13	45.5	38
VDI20-E3-16x57	●	20	2-16	5-16	50	43	18	57	43
VDI20-E3-20x62	●	20	2-20	6-20	50	50	18	62	43
VDI25-E3-16x57	●	25	2-16	5-16	58	43	18	57	54
VDI25-E3-20x62	●	25	2-20	6-20	58	50	18	62	54
VDI30-E3-25x75	●	30	2-25	6-25	68	60	22	75	62
VDI40-E3-25x75	●	40	2-25	6-25	83	60	22	75	74
VDI40-E3-32x90	●	40	4-32	10-32	83	72	22	90	74
VDI50-E3-25x75	○	50	2-25	6-25	98	60	30	75	84
VDI50-E3-32x90	○	50	4-32	10-32	98	72	30	90	84
VDI60-E3-32x90	○	60	4-32	10-32	123	72	30	90	104
VDI80-E3-40x100	○	80	6-29.5	30-40	158	85	30	100	134

●标准库存 ○订单生产

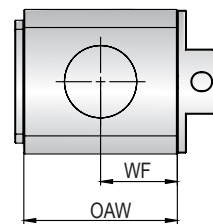
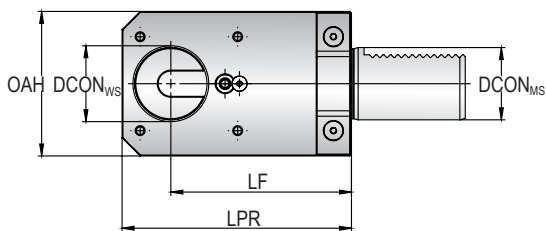
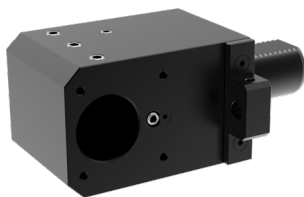
弹簧夹头刀座 (E4 型) Collet Chuck Holder(E4 Type)



型号 Model	库存 Stock	尺寸 Dimension/mm								
		DCON _{MS}	DCON _{WS}	BD1	BD2	LF	LB1	OAH	HRV	卡簧
VDI16-E4-ER16x40	●	16	3-10	28	40	40	13	36	18	ER16
VDI16-E4-ER20x44	●	16	3-13	34	40	44	13	36	18	ER20
VDI20-E4-ER25x50	●	20	3-16	42	50	50	18	48	23	ER25
VDI20-E4-ER32x62	●	20	3-20	50	50	62	18	48	23	ER32
VDI25-E4-ER25x57	●	25	3-16	42	58	57	18	50	25	ER25
VDI25-E4-ER32x62	●	25	3-20	50	58	62	18	50	25	ER32
VDI30-E4-ER25x57	●	30	3-16	42	68	57	22	58	30	ER25
VDI30-E4-ER32x62	●	30	3-20	50	68	62	22	58	30	ER32
VDI40-E4-ER25x62	●	40	3-16	42	83	62	22	74	-	ER25
VDI40-E4-ER32x62	●	40	3-20	50	83	62	22	74	-	ER32
VDI40-E4-ER40x75	●	40	3-26	63	83	75	22	74	-	ER40
VDI50-E4-ER40x75	○	50	3-26	63	98	75	30	84	-	ER40
VDI60-E4-ER40x75	○	60	3-26	63	123	75	30	104	-	ER40

●标准库存 ○订单生产

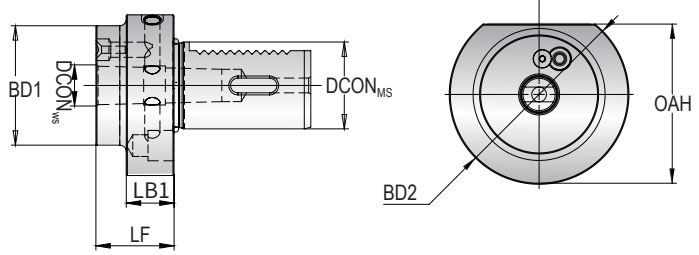
内孔刀座 (E6 型) Boring Bar Tool Holder (E6 Type)



型号 Model	库存 Stock	尺寸 Dimension/mm						
		DCON _{MS}	DCON _{WS}	LPR	LF	WF	OAW	OAH
VDI20-E6-25x70C	○	20	25	90	70	25	50	50
VDI30-E6-32x65C	○	30	32	90	65	31	62	65
VDI30-E6-32x85C	○	30	32	108	85	31	62	65
VDI30-E6-32x100C	○	30	32	123	100	31	62	65
VDI30-E6-32x120C	○	30	32	143	120	31	62	65
VDI30-E6-40x85C	○	30	40	112	85	31	62	65
VDI30-E6-50x85C	○	30	50	123	85	31	62	80
VDI40-E6-32x85C	○	40	32	112	85	42.5	85	80
VDI40-E6-40x85C	○	40	40	112	85	42.5	85	80
VDI40-E6-40x100C	○	40	40	127	100	42.5	85	80
VDI40-E6-40x120C	○	40	40	147	120	42.5	85	80
VDI50-E6-40x100C	○	50	40	137	100	50	100	90
VDI50-E6-50x100C	○	50	50	137	100	50	100	90
VDI50-E6-60x110C	○	50	60	152	110	50	100	98
VDI60-E6-50x100C	○	60	50	142	100	60	120	90
VDI60-E6-50x135C	○	60	50	177	135	60	120	90
VDI60-E6-60x100C	○	60	60	142	100	60	120	108
VDI60-E6-60x135C	○	60	60	182	135	60	120	108

●标准库存 ○订单生产

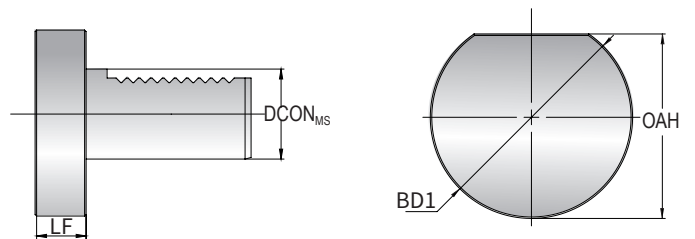
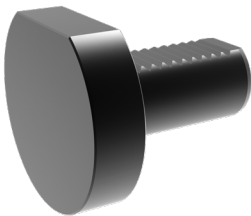
莫氏孔刀座 (F 型) Morse Taper Tool Holder (F Type)



型号 Model	库存 Stock	尺寸 Dimension/mm							
		DCON _{MS}	BD2	DCON _{MS}	莫氏锥度	BD1	LF	LB1	OAH
VDI20-F-M1x23	●	20	50	12.065	MT1	-	23	-	-
VDI25-F-M1x23	●	25	58	12.065	MT1	-	23	-	54
VDI25-F-M2x27	●	25	58	17.780	MT2	-	27	-	54
VDI30-F-M1x27	●	30	68	12.065	MT1	-	27	-	59
VDI30-F-M2x27	●	30	68	17.780	MT2	-	27	-	59
VDI30-F-M3x45	●	30	68	23.825	MT3	-	45	-	59
VDI40-F-M2x36	●	40	83	17.780	MT2	55	36	22	74
VDI40-F-M3x36	●	40	83	23.825	MT3	58	36	22	74
VDI40-F-M4x80	●	40	83	31.267	MT4	68	80	22	74
VDI50-F-M2x36	○	50	98	17.780	MT2	55	36	30	84
VDI50-F-M3x36	○	50	98	23.825	MT3	58	36	30	84
VDI50-F-M4x50	○	50	98	31.267	MT4	68	50	30	84
VDI50-F-M5x72	○	50	98	44.399	MT5	75	72	30	84
VDI60-F-M3x36	○	60	123	23.825	MT3	58	36	30	104
VDI60-F-M4x50	○	60	123	31.267	MT4	68	50	30	104
VDI60-F-M5x63	○	60	123	44.399	MT5	98	63	30	104
VDI80-F-M4x50	○	80	158	31.267	MT4	68	50	40	134
VDI80-F-M5x50	○	80	158	44.399	MT5	98	50	40	134

●标准库存 ○订单生产

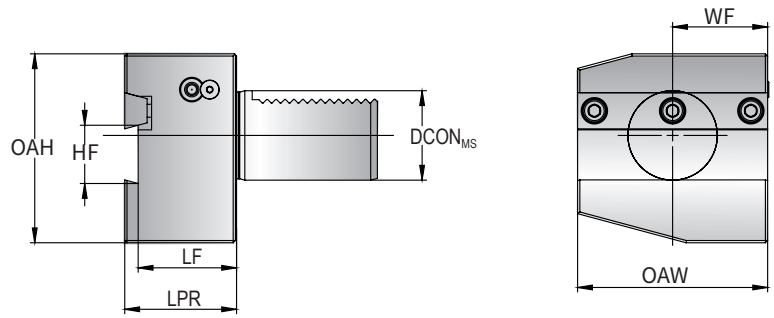
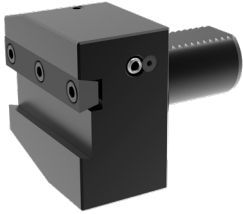
空位刀座 (Z 型) Blank Tool Holder (Z Type)



型号 Model	库存 Stock	尺寸 Dimension/mm			
		DCON _{MS}	BD1	LF	OAH
VDI16-Z2-40x13	●	16	40	13	38
VDI20-Z2-50x16	●	20	50	16	48
VDI25-Z2-58x16	●	25	58	16	54
VDI30-Z2-68x16	●	30	68	16	62
VDI40-Z2-83x20	●	40	83	20	74
VDI50-Z2-98x20	○	50	98	20	84
VDI60-Z2-123x20	○	60	123	20	104
VDI80-Z2-158x20	○	80	158	20	134

●标准库存 ○订单生产

切断刀座 (Q 型) Cutting Tool Holder(Q Type)

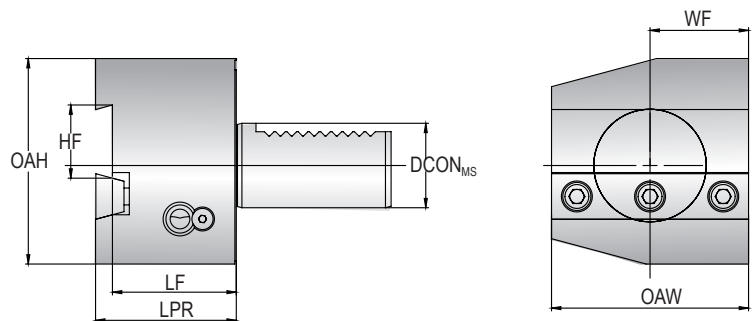
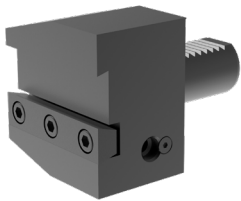


图例为右刀 Right hand style shown

型号 Model		库存 Stock		尺寸 Dimension/mm						
右刀座 Right holder	左刀座 Left holder	R	L	DCON _{MS}	LPR	LF	WF	HF	OAW	OAH
VDI25-Q1-26x50	VDI25-Q2-26x50	○	○	25	50	44	30	26	60	64
VDI30-Q1-26x50	VDI30-Q2-26x50	○	○	30	50	44	35	26	70	70
VDI40-Q1-26x50	VDI40-Q2-26x50	○	○	40	50	44	42.5	26	85	75
VDI40-Q1-32x50	VDI40-Q2-32x50	○	○	40	50	44	42.5	32	85	75
VDI50-Q1-26x50	VDI50-Q2-26x50	○	○	50	50	44	50	26	100	80
VDI50-Q1-32x50	VDI50-Q2-32x50	○	○	50	50	44	50	32	100	80
VDI60-Q1-32x50	VDI60-Q2-32x50	○	○	60	50	44	62.5	32	125	103

●标准库存 ○订单生产

切断刀座 (Q 型) Cutting Tool Holder(Q Type)

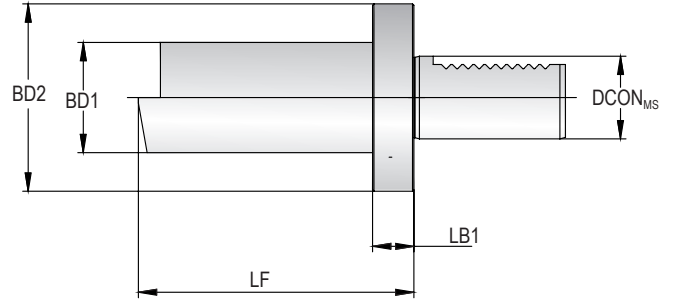
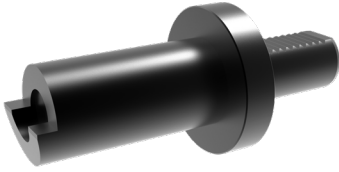


图例为右刀 Right hand style shown

型号 Model		库存 Stock		尺寸 Dimension/mm						
右刀座 Right holder	左刀座 Left holder	R	L	DCON _{MS}	LPR	LF	WF	HF	OAW	OAH
VDI25-Q3-26x50	VDI25-Q4-26x50	○	○	25	50	44	30	26	60	64
VDI30-Q3-26x50	VDI30-Q4-26x50	○	○	30	50	44	35	26	70	70
VDI40-Q3-26x50	VDI40-Q4-26x50	○	○	40	50	44	42.5	26	85	75
VDI40-Q3-32x50	VDI40-Q4-32x50	○	○	40	50	44	42.5	32	85	75
VDI50-Q3-26x50	VDI50-Q4-26x50	○	○	50	50	44	50	26	100	80
VDI50-Q3-32x50	VDI50-Q4-32x50	○	○	50	50	44	50	32	100	80
VDI60-Q3-32x50	VDI60-Q4-32x50	○	○	60	50	44	62.5	32	125	103

●标准库存 ○订单生产

测试棒 Alignment Bar

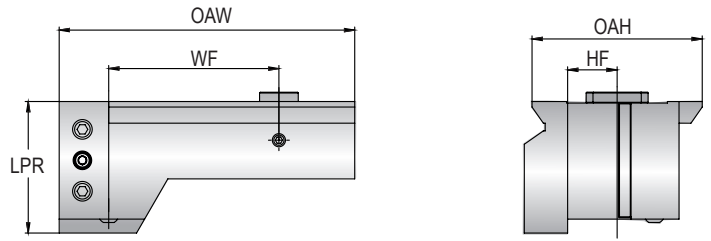


型号 Model	库存 Stock	尺寸 Dimension/mm				
		DCON _{MS}	BD1	BD2	LF	LB1
VDI20xJZB40x100	●	20	40	50	100	15
VDI25xJZB40x100	●	25	40	58	100	15
VDI30xJZB40x100	●	30	40	68	100	15
VDI40xJZB40x100	●	40	40	83	100	15
VDI50xJZB40x100	○	50	40	98	100	15
VDI60xJZB40x100	○	60	40	123	100	15
VDI80xJZB40x100	○	80	40	158	100	15

●标准库存 ○订单生产

径向刀座 (A 型)
OD Tool Holder (A Type)

DIN 69881



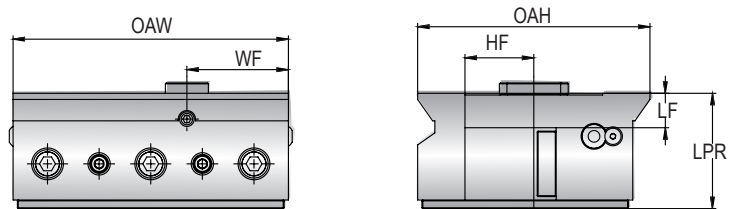
图例为右刀 Right hand style shown

型号 Model		库存 Stock		尺寸 Dimension/mm					
右刀座 Right holder	左刀座 Left holder	R	L	LPR	WF	HF	OAW	OAH	
DIN 69881									
A1-56x16x94	A2-56x16x94	○	○	50	49	16	94	56	
A1-72x20x110	A2-72x20x110	○	○	63	49	20	110	72	
A1-90x25x138	A2-90x25x138	○	○	72	73	25	138	90	
A1-115x32x191	A2-115x32x191	○	○	85	112	32	191	115	
A1-140x40x209	A2-140x40x209	○	○	110	115	40	209	140	

●标准库存 ○订单生产

轴向刀座 (B 型)
ID Tool Holder (B Type)

DIN 69881



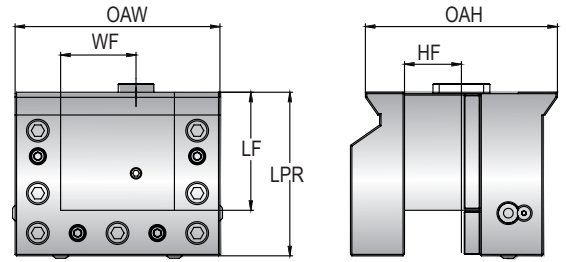
图例为右刀 Right hand style shown

型号 Model		库存 Stock		尺寸 Dimension/mm					
右刀座 Right holder	左刀座 Left holder	R	L	LPR	LF	WF	HF	OAW	OAH
DIN 69881									
B1-56x16x94	B2-56x16x94	○	○	39	16	31	16	94	56
B1-72x20x110	B2-72x20x110	○	○	47	16	39	20	110	72
B1-90x25x118	B2-90x25x118	○	○	49	18	39	25	118	90
B1-115x32x123	B2-115x32x123	○	○	56	18	49	32	123	115
B1-140x40x160	B2-140x40x160	○	○	67	20	59	40	160	140

●标准库存 ○订单生产

组合刀座 (C 型) Modular Tool Holder(C Type)

DIN 69881



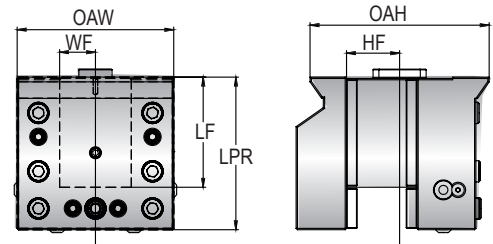
图例为右刀 Right hand style shown

型号 Model		库存 Stock		尺寸 Dimension/mm					
右刀座 Right holder	左刀座 Left holder	R	L	LPR	LF	WF	HF	OAW	OAH
DIN 69881									
C1-56x16x84	C2-56x16x84	○	○	60	46	39	16	84	56
C1-72x20x98	C2-72x20x98	○	○	81	59	37	20	98	72
C1-90x25x108	C2-90x25x108	○	○	88	62	43	25	108	90
C1-115x32x118	C2-115x32x118	○	○	94	68	43	32	118	115
C1-140x40x144	C2-140x40x144	○	○	115	83	53	40	144	140

●标准库存 ○订单生产

组合对称刀座 (C3 型) Symmetrical Modular Tool Holder (C3 Type)

DIN 69881

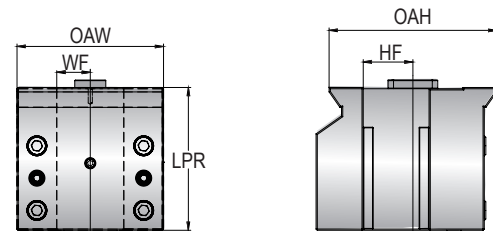


型号 Model	库存 Stock	尺寸 Dimension/mm					
DIN 69881		LPR	LF	WF	HF	OAW	OAH
C3-56x16x62	○	60	46	17	16	62	56
C3-72x20x78	○	81	59	17	20	78	72
C3-90x25x98	○	88	62	23	25	98	90
C3-115x32x98	○	94	68	23	32	98	115
C3-140x40x118	○	115	83	27	40	118	140

●标准库存 ○订单生产

组合对称刀座 (C4 型) Symmetrical Modular Tool Holder(C4 Type)

DIN 69881

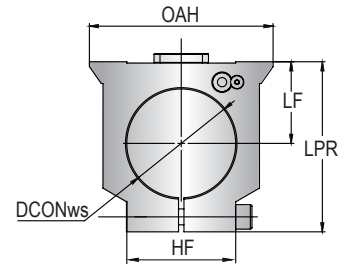
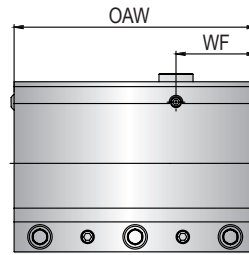
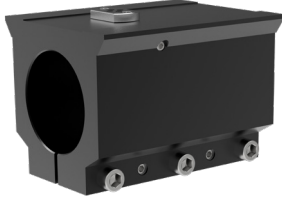


型号 Model	库存 Stock	尺寸 Dimension/mm				
DIN 69881		LPR	WF	HF	OAW	OAH
C4-56x16x68	○	60	16	16	68	56
C4-72x20x78	○	81	20	20	78	72
C4-90x25x78	○	88	25	25	78	90
C4-115x32x98	○	94	25	32	98	115
C4-140x40x118	○	115	25	40	118	140

●标准库存 ○订单生产

镗刀刀座 (D 型) Boring Tool Holder (D Type)

DIN 69881

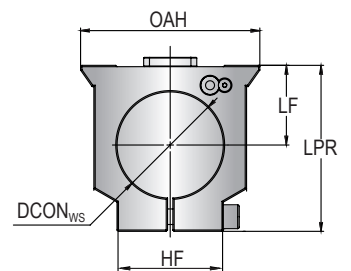
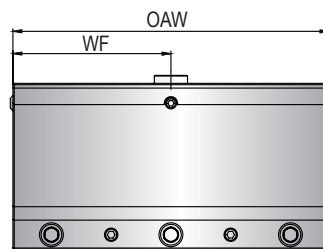


型号 Model		库存 Stock		尺寸 Dimension/mm						
右刀座 Right holder	左刀座 Left holder	R	L	DCON _{ws}	LPR	LF	WF	HF	OAW	OAH
DIN 69881										
D1-56x32x94	D2-56x32x94	○	○	32	65	30	31	56	94	56
D1-56x40x94	D2-56x40x94	○	○	40	65	30	31	56	94	56
D1-72x40x110	D2-72x40x110	○	○	40	76	35	39	72	110	72
D1-72x50x110	D2-72x50x110	○	○	50	76	35	39	72	110	72
D1-90x50x138	D2-90x50x138	○	○	50	94	45	39	90	138	90
D1-90x60x138	D2-90x60x138	○	○	60	94	45	39	90	138	90
D1-115x60x148	D2-115x60x148	○	○	60	94	45	49	93	148	115
D1-115x80x148	D2-115x80x148	○	○	80	115	55	49	115	148	115
D1-140x80x178	D2-140x80x178	○	○	80	125	60	59	115	178	140
D1-140x100x178	D2-140x100x178	○	○	100	145	70	59	140	178	140

●标准库存 ○订单生产

镗孔对称刀座 (D3 型) Symmetrical Boring Tool Holder(D3 Type)

DIN 69881



型号 Model	库存 Stock	尺寸 Dimension/mm							
DIN 69881		DCON _{ws}	LPR	LF	WF	HF	OAW	OAH	
D3-56x32x94	○	32	65	30	31	56	94	56	
D3-56x40x94	○	40	65	30	31	56	94	56	
D3-72x40x110	○	40	76	35	39	72	110	72	
D3-72x50x110	○	50	76	35	39	72	110	72	
D3-90x50x138	○	50	94	45	39	90	138	90	
D3-90x60x138	○	60	94	45	39	90	138	90	
D3-115x60x148	○	60	94	45	49	93	148	115	
D3-115x80x148	○	80	115	55	49	115	148	115	
D3-140x80x178	○	80	125	60	59	115	178	140	
D3-140x100x178	○	100	145	70	59	140	178	140	

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角度头及动力刀座使用注意事项



错误的使用可能会导致危险情况的发生。

为了防止意外情况的发生，请务必认真阅读使用说明。

使用前

使用前确认角度头及动力刀座安装合格，无干涉现象，运转及换刀动作正常
装夹刀具时，请用锁紧扳手和输出轴固定扳手同时施力锁紧刀具，严禁用单一扳手锁紧刀具，请勿将手直接与刀刃接触，防止将手划伤；
确认机床主轴与刀具旋向，避免刀具异常折断

使用中

加工过程中，如出现噪音增大或温度过高，需停机取下角度头或动力刀座检查确认，必要时返厂维修，严禁私自拆卸；
严禁超转速或超扭矩使用角度头及动力刀座；
内冷角度头或动力刀座，在使用前须先开启冷却液，严禁干切
如遇干式切削工况，须尽可能避免粉尘、微粒进入本体；若湿式切削，则冷却液应对准刀尖喷射，严禁喷射密封部位；

使用后

使用后，将角度头或动力刀座上的切屑清理干净，切削液甩净吹干，并进行适当防锈处理；
若长期不使用，请将角度头或动力刀座从机床上拆卸下来，取下刀具，做好定位基准及刃口部位防护，并防锈储存；
角度头应定期返厂维护保养，以延长角度头使用寿命，严禁私自拆卸。

ISO 13399 标准规定的切削刀具参数

Cutting tool parameters according to ISO 13399

所有切削刀具都由 ISO 13399 标准规定的若干个参数定义。您可以在该列表中找到切削刀具参数及其定义。

All cutting tools are defined by a number of parameters according to the standard ISO 13399, such as depth of cut or cutting diameter. You find both the cutting tool parameter and its definition in this list.

参数	定义	Definition
ADINTMS	机床侧适配接口	Adaptive interface machine direction
ADINTWS	工件侧适配接口	Adaptive interface workpiece direction
AERMx	最大切宽与刀具直径比	Working engagement ratio maximum
ALP	轴向后角	Axial clearance angle
AN	主后角	Clearance angle major
ANN	副后角	Clearance angle minor
APMx	最大切削深度	Depth of cut maximum
AXGSUP	轴向槽支撑方向	Axial groove support direction
AZ	最大插铣深度	Maximum plunge depth
B	刀柄宽度	Shank width
BAMS	机床侧的刀体角度	Machine side body angle
BAWS	工件侧刀体角度	Workpiece side body angle
BBD	通过设计平衡	Balanced by design
BBR	通过旋转测试平衡	Balanced by rotational test
BD	刀体直径	Body diameter
BHTA	刀体半锥角	Body half taper angle
BLMC	平衡方法代码	Balancing method code
BMC	本体材料代码	Body material code
BN	刀面刃带宽度	Face land width
BS Wiper	修光刃) 长度	Wiper edge length
BSG	基本标准组	Identifier for the standard defining the tool design
BSR	修光刃半径	Wiper edge radius
CBMD	断屑器制造商名称	Chip breaker manufacturer's designation
CCC	中央切削能力	Center cutting capability
CCONWS	工件侧连接数	Workpiece side connection count
CDX	最大切削深度	Cutting depth maximum
CEDC	切削刃数	Cutting edge count
CGX	用于重心位置的 X 组件	X-component for center of gravity location
CGY	用于重心位置的 Y 组件	Y-component for center of gravity location
CGZ	用于重心位置的 Z 组件	Z-component for center of gravity location
CHW	刀尖倒角宽度	Corner chamfer width
CICT	切削部件数	Cutting item count
CND	冷却液入口直径	Coolant entry diameter
CNSC	冷却液入口型式代码	Coolant entry style code
CNT	冷却液入口螺纹尺寸	Coolant entry thread size
COATING	涂层	Coating
CONARWS	工件侧连接布置	Connection arrangement workpiece side
CP	冷却液压力	Coolant pressure
CPDF	切削分度差异	Cutting pitch differential
CRKS	连接固定旋钮螺纹型号	Connection retention knob thread size
CTPT	工序类型	Operation type

CUTDIA	最大工件切断直径	Work piece parting diameter maximum
CUTINT_MASTER	切削部件接口标识符第 2 部分	Part two of two identifiers of cutting item interface
CUTINT_SIZESHAPE	刀片尺寸和形状	Insert size and shape
CW	切削宽度	Cutting width
CWTOLL	切削宽度公差下限	Cutting width lower tolerance
CWTOLU	切削宽度公差上限	Cutting width upper tolerance
CXSC	冷却液出口型式代码	Coolant exit style code
CXST	冷却液出口供应类型	Coolant exit supply type
CZC	连接型号代码	Connection size code
CZC MS	机床侧连接型号代码	MS Connection size code machine side
CZC WS	工件侧连接型号代码	WS Connection size code workpiece side
D1	固定孔直径	Fixing hole diameter
DAH	检修孔直径	Diameter access hole
DAXIN	轴向槽最小内径	Axial groove inside diameter minimum
DAXN	轴向槽最小外径	Minimum axial groove outside diameter
DAXX	轴向槽最大外径	Maximum axial groove outside diameter
DBC	螺栓环直径	Diameter bolt circle
DC	切削直径	Cutting diameter
DCB	连接孔直径	Connection bore diameter
DCBN	最小连接孔直径	Connection bore diameter minimum
DCBX	最大连接孔直径	Connection bore diameter maximum
DCF	刀面接触切削直径	Cutting diameter face contact
DCN	最小切削直径	Minimum cutting diameter
DCON	连接直径	Connection diameter
DCONMS	机床侧接口直径	Connection diameter machine side
DCONWS	工件侧连接直径	Connection diameter workpiece side
DCP	数据芯片口袋	Data chip pocket
DCPS	数据芯片口袋尺寸	Data chip pocket size
DCSFMS	机床侧接触表面直径	Contact surface diameter machine side
DCSFWS	工件侧接触表面直径	Contact surface diameter workpiece side
DCTOLL	切削直径公差下限	Lower cutting diameter tolerance
DCTOLU	切削直径公差上限	Upper cutting diameter tolerance
DCX	最大切削直径	Maximum cutting diameter
DFC	作用直径	Functional diameter
DHUB	毂直径	Hub diameter
DIX	换刀器最大干涉直径	Tool changer interference diameter maximum
DMIN	最小孔径	Minimum bore diameter
DMM	刀柄直径	Shank diameter
DN	颈部直径	Neck diameter
DPC	减振性能	Damping property
DSGN	设计	Design
FHA	容屑槽螺旋角	Flute helix angle
FLGT	法兰厚度	Flange thickness
FTDZ	螺纹直径尺寸	For thread diameter size
GAMF	径向前角	Radial rake angle
GAMO	垂直前角	Orthogonal rake angle
GAMP	轴向前角	Axial rake angle
GAN	刀片前角	Insert rake angle
GB	面刃带角	Face land angle

GRADE	材质	The brand name for grade
H	刀柄高度	Shank height
HAND	旋向	Hand
HBL	切削头底部偏置长度	Head bottom offset length
HDD	切削头直径	Head diameter
HEAD_TYPE	切削头类型	Type of head
HF	工作高度	Functional height
HRY	参考平面的最低点	Lowest point from reference plain
HTB	刀体高度	Body height
HTH	高度	Height
HTY	孔型	Hole type
IC	内切圆直径	Inscribed circle diameter
IEP	间断切削刃特性	Interrupted edge property
IFS	刀片座类型代码	Insert mounting style code
INSL	刀片长度	Insert length
IZC	刀片型号代码	Insert size code
KAP	κ (绕 z 轴旋转)	Kappa (z-axis rot)
KAPR	刀具切削刃角	Tool cutting edge angle
KCH	刀尖倒角	Corner chamfer
KGRP_INT	按键夹紧接口	Key grip interface
KGRPS	从动部件规格	Size of driven part
KGRPTP	从动部件几何特性	Geometrical characteristic driven part
KRINS	主切削刃角	Major cutting edge angle
L	切削刃长度	Cutting edge length
LAMS	刃倾角	Inclination angle
LB	刀体长度	Body length
LCF	容屑槽长度	Chip flute length
LE	切削刃有效长度	Cutting edge effective length
LF	功能长度	Functional length
LGR	重新研磨长度	Regrind length
LH	切削头长度	Head length
LIG	刃口干涉长度	Insert gauge length
LOCAP	定位辅助特性	Location aid property
LPR	伸出长度	Protruding length
LS	刀柄长度	Shank length
LSC	夹紧长度	Clamping length
LSCN	最小夹紧长度	Clamping length minimum
LSCX	最大夹紧长度	Clamping length maximum
LSD	刀柄绝对长度	Dead shank length
LU	有效长度 (最大推荐值)	Usable length
MHD	安装孔距离	Mounting hole distance
MIID	主刀片标识	Master insert identification
MMCC	预调扭矩代码	Code for preset torque
MMCX	切削扭矩	Maximum cutting torque
MRAT	刀具主旋转角	Main rotation angle of tool
MTP	夹紧类型代码	Clamping type code
NOF	容屑槽数	Flute count
NORGMX	最大重新研磨次数	Maximum regrinds
OAH	总高	Overall height

OAL	总长	Overall length
OAW	总宽	Overall width
OHN	最小悬伸	Minimum overhang
OHX	最大悬伸	Maximum overhang
PHD	预加工孔直径	Premachined hole diameter
PHDX	最大预加工孔直径	Maximum premachined hole diameter
PHT	预加工孔类型	Premachined hole type
PL	顶尖长度	Point length
PRFRAD	轮廓半径	Profile radius
PRSPC	轮廓规格	Profile specification
PSIR	刀具导程角	Tool lead angle
PSIRL	左手主切削刃角	Major left hand cutting edge angle
PSIRR	右手主切削刃角	Major right hand cutting edge angle
RADH	径向刀体高度	Radial body height
RADW	径向刀体宽度	Radial body width
RE	刀尖半径	Corner radius
REEQ	刀尖圆角半径等值	Corner radius equivalent
REL	左侧圆角半径	Corner radius left
RER	右侧圆角半径	Corner radius right
RETOLL	刀尖半径公差下限	Corner radius lower tolerance
RETOLU	刀尖半径公差上限	Corner radius upper tolerance
RIDOP	反转旋转方向输出侧	Reversed rotation direction output side
RMPX	最大坡走铰角度	Maximum ramping angle
RPMX	最大转速	Rotational speed maximum
S	刀片厚度	Insert thickness
SC	刀片形状代码	Insert shape code
SCREW_TYPE	螺钉类型	Screw type
SDL	台阶直径长度	Step diameter length
SEAL	密封性能	Sealing property
SEP	传感器嵌入式属性	Sensor embedded property
SIG	外刃顶角	Point angle
SPA	球形轮廓角	Sphere profile angle
SSC	刀片座尺寸代码	Insert seat size code
STA	台阶夹角	Step included angle
SUBSTRATE	基体	Substrate
TA	丝锥角度	Taper angle
TCDC	切削直径公差等级	Tolerance class cutting diameter
TCDCON	刀柄直径公差	Connection diameter tolerance
TCDMM	刀柄直径公差	Shank diameter tolerance
TCHA	可达到的孔公差	Achievable hole tolerance
TCL	螺纹加工倒角长度	Tap chamfer length
TCT	刀具公差等级	Tolerance class tool
TCTR	螺纹公差等级	Thread tolerance class
TD	螺纹直径	Thread diameter
TDZ	螺纹直径尺寸	Thread diameter size
TFLA	丝锥前部浮动长度	Tap floating length ahead
TFLB	丝锥后部浮动长度	Tap floating length behind
TG	丝锥梯度	Taper gradient
THBTP	螺纹背锥特性	Thread back taper property

THCA	螺纹螺旋校正角度	Thread helix correction angle
THCHT	螺纹加工倒角类型	Threading chamfer type
THDH	螺纹旋向	Thread hand
THFT	形式类型	Form type
THL	螺纹长度	Threading length
THLGTH	螺纹长度	Thread length
THUB	轮毂厚度	Hub thickness
TP	螺纹螺距	Thread pitch
TPI	每英寸螺纹数	Threads per inch
TPIN	每英寸最小螺纹数	Threads per inch minimum
TPIX	每英寸最大螺纹数	Threads per inch maximum
TPN	最小螺距	Thread pitch minimum
TPX	最大螺距	Maximum thread pitch
TQ	扭矩	Torque
TSYC	刀具类型代码	Tool style code
ULDR	有用长度直径比	Usable length diameter ratio
W1	刀片宽度	Insert width
WB	刀体宽度	Body width
WEP	修光刃特性	Wiper edge property
WF	工作宽度	Functional width
WSC	夹紧宽度	Clamping width
WT	部件重量	Weight of item
XYPFEEDIRXY	平面进给方向	XY-plane feed direction
ZEFF	表面有效切削刃数	Number of cutting edges that are effective on the face of a tool
ZEFP	周边有效切削刃数	Peripheral effective cutting edge count
ZWX	Wiper (修光刃) 刀片的最大数量	Maximum number of Wiper inserts

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