

ACCESSORIES

附件

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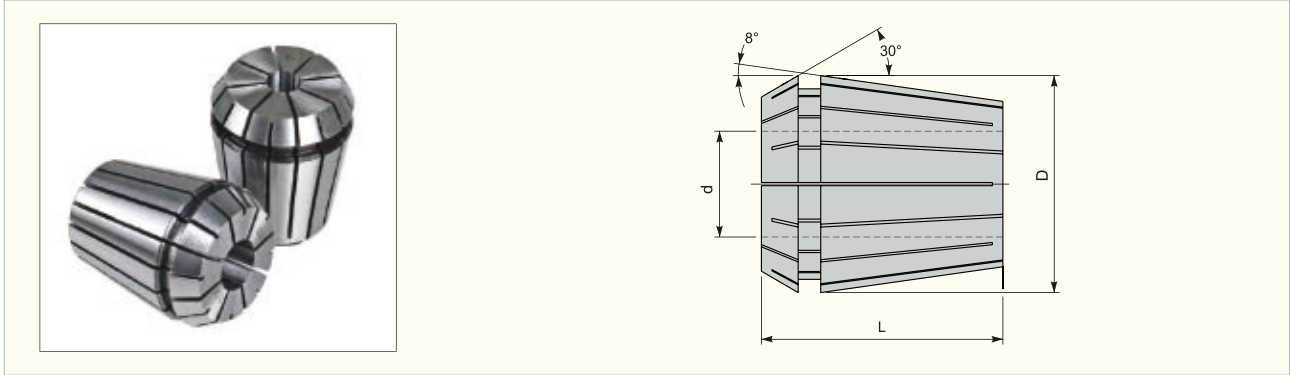
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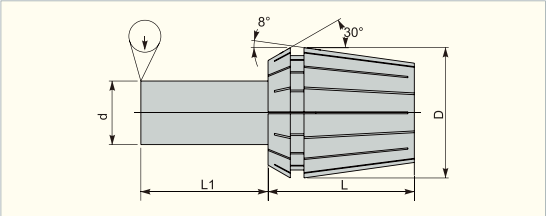
ACCESSORIES 附件

标准 ER 筒夹
Standard ER Collet



ER16		ER20		ER25		ER32		ER40	
规格型号 Designation	夹持范围 Clamping range	规格型号 Designation	夹持范围 Clamping range	规格型号 Designation	夹持范围 Clamping range	规格型号 Designation	夹持范围 Clamping range	规格型号 Designation	夹持范围 Clamping range
ER16-D1	1-0.5	ER20-D2	2-1.5	ER25-D2	2-1.5	ER32-D3	3-2	ER40-4	4-3
ER16-D1.5	1.5-1	ER20-D2.5	2.5-2	ER25-D2.5	2.5-2	ER32-D4	4-3	ER40-5	5-4
ER16-D2	2-1.5	ER20-D3	3-2	ER25-D3	3-2	ER32-D5	5-4	ER40-6	6-5
ER16-D2.5	2.5-2	ER20-D4	4-3	ER25-D4	4-3	ER32-D6	6-5	ER40-7	7-6
ER16-D3	3-2	ER20-D5	5-4	ER25-D5	5-4	ER32-D7	7-6	ER40-8	8-7
ER16-D4	4-3	ER20-D6	6-5	ER25-D6	6-5	ER32-D8	8-7	ER40-9	9-8
ER16-D5	5-4	ER20-D7	7-6	ER25-D7	7-6	ER32-D9	9-8	ER40-10	10-9
ER16-D6	6-5	ER20-D8	8-7	ER25-D8	8-7	ER32-D10	10-9	ER40-11	11-10
ER16-D7	7-6	ER20-D9	9-8	ER25-D9	9-8	ER32-D11	11-10	ER40-12	12-11
ER16-D8	8-7	ER20-D10	10-9	ER25-D10	10-9	ER32-D12	12-11	ER40-13	13-12
ER16-D9	9-8	ER20-D11	11-10	ER25-D11	11-10	ER32-D13	13-12	ER40-14	14-13
ER16-D10	10-9	ER20-D12	12-11	ER25-D12	12-11	ER32-D14	14-13	ER40-15	15-14
-	-	ER20-D13	13-12	ER25-D13	13-12	ER32-D15	15-14	ER40-16	16-15
-	-	-	-	ER25-D14	14-13	ER32-D16	16-15	ER40-17	17-16
-	-	-	-	ER25-D15	15-14	ER32-D17	17-16	ER40-18	18-17
-	-	-	-	ER25-D16	16-15	ER32-D18	18-17	ER40-19	19-18
-	-	-	-	-	-	ER32-D19	19-18	ER40-20	20-19
-	-	-	-	-	-	ER32-D20	20-19	ER40-21	21-20
-	-	-	-	-	-	-	-	ER40-22	22-21
-	-	-	-	-	-	-	-	ER40-23	23-22
-	-	-	-	-	-	-	-	ER40-24	24-23
-	-	-	-	-	-	-	-	ER40-25	25-24
-	-	-	-	-	-	-	-	ER40-26	26-25

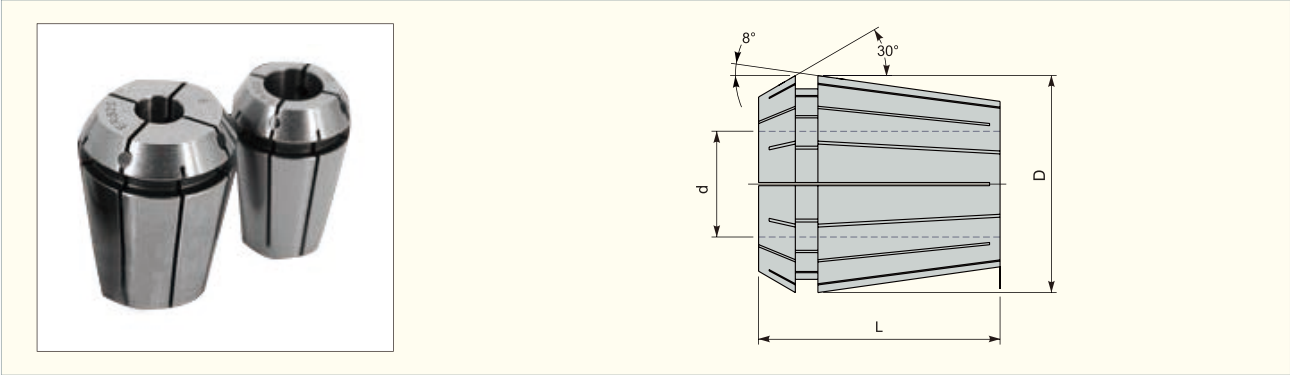
- 标准 ER 筒夹分普通 ER 筒夹和高精度 ER 筒夹；
- 高精度 ER 筒夹在规格型号后加 “AA” ；
- 订购示例：1 件 ER16-D10； 5 件 ER32-D8 AA。
- There are two styles of standard ER collet, one is general and the other is with high precision.
- There is “AA” at the end of the model# shows that if it is high precision ER collet.
- Ordering sample: 1 PC ER16-D10; 5 PCS ER32-D8 AA.



规格型号 Designation	D	d	L	L1	跳动 Run-out	
					普通 ER 筒夹 General ER collet	高精度 ER 筒夹 High accuracy ER collet
ER16	17	1.6-3.0	27	10	0.015	0.01
ER20	21	3.0-6.0	31	16	0.015	0.005
ER25	26	6.0-10.0	35	25	0.015	0.005
ER32	33	10.0-18.0	40	40	0.015	0.005
ER40	40	18.0-26.0	46	50	0.015	0.005

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内冷式 ER 筒夹
ER Collet with Coolant



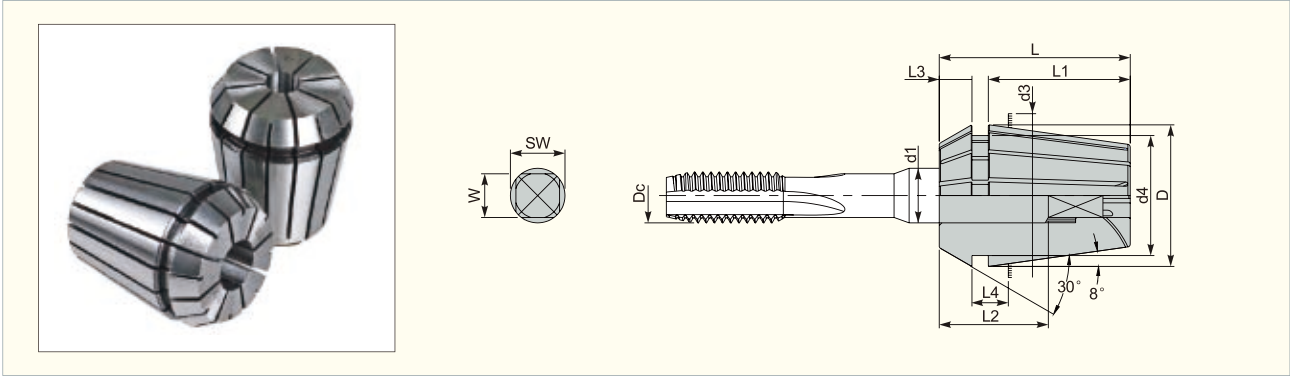
ER16C		ER20C		ER25C		ER32C		ER40C	
规格型号 Designation	夹持范围 Clamping range	规格型号 Designation	夹持范围 Clamping range	规格型号 Designation	夹持范围 Clamping range	规格型号 Designation	夹持范围 Clamping range	规格型号 Designation	夹持范围 Clamping range
ER16-D3.C	3-2.9	ER20-D3.C	3-2.9	ER25-D3.C	3-2.9	ER32-D3.C	3-2.9	ER40-D4.C	4-3.9
ER16-D4.C	4-3.9	ER20-D4.C	4-3.9	ER25-D4.C	4-3.9	ER32-D4.C	4-3.9	ER40-D5.C	5-4.9
ER16-D5.C	5-4.9	ER20-D5.C	5-4.9	ER25-D5.C	5-4.9	ER32-D5.C	5-4.9	ER40-D6.C	6-5.9
ER16-D6.C	6-5.5	ER20-D6.C	6-5.5	ER25-D6.C	6-5.5	ER32-D6.C	6-5.9	ER40-D7.C	7-6.9
ER16-D7.C	7-6.5	ER20-D7.C	7-6.5	ER25-D7.C	7-6.5	ER32-D7.C	7-6.9	ER40-D8.C	8-7.9
ER16-D8.C	8-7.5	ER20-D8.C	8-7.5	ER25-D8.C	8-7.5	ER32-D8.C	8-7.5	ER40-D9.C	9-8.9
ER16-D9.C	9-8.5	ER20-D9.C	9-8.5	ER25-D9.C	9-8.5	ER32-D9.C	9-8.5	ER40-D10.C	10-9.5
ER16-D10.C	10-9.5	ER20-D10.C	10-9.5	ER25-D10.C	10-9.5	ER32-D10.C	10-9.5	ER40-D11.C	11-10.5
-	-	ER20-D11.C	11-10.5	ER25-D11.C	11-10.5	ER32-D11.C	11-10.5	ER40-D12.C	12-11.5
-	-	ER20-D12.C	12-11.5	ER25-D12.C	12-11.5	ER32-D12.C	12-11.5	ER40-D13.C	13-12.5
-	-	ER20-D13.C	13-12.5	ER25-D13.C	13-12.5	ER32-D13.C	13-12.5	ER40-D14.C	14-13.5
-	-	-	-	ER25-D14.C	14-13.5	ER32-D14.C	14-13.5	ER40-D15.C	15-14.5
-	-	-	-	ER25-D15.C	15-14.5	ER32-D15.C	15-14.5	ER40-D16.C	16-15.5
-	-	-	-	ER25-D16.C	16-15.5	ER32-D16.C	16-15.5	ER40-D17.C	17-16.5
-	-	-	-	-	-	ER32-D17.C	17-16.5	ER40-D18.C	18-17.5
-	-	-	-	-	-	ER32-D18.C	18-17.5	ER40-D19.C	19-18.5
-	-	-	-	-	-	ER32-D19.C	19-18.5	ER40-D20.C	20-19.5
-	-	-	-	-	-	ER32-D20.C	20-19.5	ER40-D21.C	21-20.5
-	-	-	-	-	-	-	-	ER40-D22.C	22-21.5
-	-	-	-	-	-	-	-	ER40-D23.C	23-22.5
-	-	-	-	-	-	-	-	ER40-D24.C	24-23.5
-	-	-	-	-	-	-	-	ER40-D25.C	25-24.5
-	-	-	-	-	-	-	-	ER40-D26.C	26-25.5

- 标准 ER 筒夹分普通 ER 筒夹和高精度 ER 筒夹；
- 高精度 ER 筒夹在规格型号后加 “AA” ；
- 订购示例：1 件 ER16-D10.C； 5 件 ER32-D8.C AA；
- 利用沟槽差异，达到周围止水，仅中心出水的功能；
- 适用于夹持有中心出水孔的刀具；
- 可承受水压 7Mpa。
- There are two styles of standard ER collet, one is general and the other is with high precision.
- There is “AA” at the end of the model# shows that if it is high precision ER collet.
- Ordering sample: 1 PC ER16-D10.C; 5 PCS ER32-D8.C AA.
- Differences in the use of grooves to reach around the sealing.
- Central water feature only applies to folders to hold the water hold tool.
- Canwithstand water pressure 7Mpa.

ACCESSORIES 附件

攻丝 ER 筒夹

ER Collet for Tapping Chuck



规格型号 Designation	D	d3	d4	L	L1	L3	L4	Capacity	Kg
ER16-G	16.74	16	13.8	27.5	20.8	4	6.26	M3-M10	0.03
ER20-G	20.74	20	17.4	31.5	23.9	4.8	6.36	M3-M17	0.04
ER25-G	25.74	25	22	34	25.9	5	6.66	M3-M22	0.06
ER32-G	32.74	32	29.2	40	31.8	5.5	7.16	M3-M27	0.10
ER40-G	40.74	40	36.2	46	35.5	7	7.66	M3-M27	0.25

ER16-G

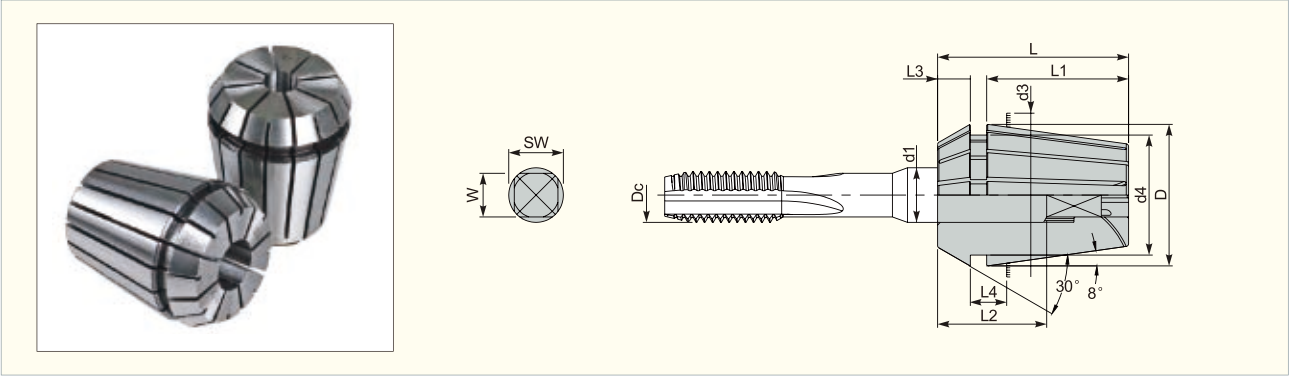
规格型号 Designation	d1	SW	W	通用标准 Dc General Standard				L2	在庫 Stock
				ISO	JIS	DIN371	DIN376		
ER16-G2.24	2.24	2	1.8	M3	-	-	-	15	○
	2.5	2.2	2.1	-	-	-	M3.5	15	○
ER16-G2.5	2.5	2.2	2	M3.5	-	-	-	15	○
	2.8	2.6	2.1	-	-	-	M4	15	○
ER16-G2.8	2.8	2.6	2.1	-	-	-	M4	15	○
ER16-G3	3	2.8	2.5	-	M2	-	-	18	○
ER16-G3.15	3.15	2.9	2.5	M3,M4	-	-	-	18	○
ER16-G3.5	3.5	3.3	2.7	-	-	M3	M5	18	○
ER16-G3.55	3.55	3.3	2.8	M3.5,M4.5	-	-	-	18	○
ER16-G4	4	3.8	3	-	-	M3.5	-	18	○
	4	3.8	3.1	-	M3	-	-	18	○
ER16-G4.5	4.5	4.3	3.4	-	-	M4	M6	18	○
	4.5	4.3	3.55	M6	-	-	-	18	○
ER16-G5	5	4.7	4	M5	M4,M4.5	-	-	18	○
ER16-G5.5	5.5	4.37	4.3	-	-	-	M7	18	○
	5.5	4.37	4.5	-	M5	-	-	18	○
ER16-G6	6	5.09	4.5	-	M6	-	-	18	○
	6	5.09	4.9	-	-	M5,M6	M8	18	○
ER16-G6.2	6.2	5.21	5	-	M7,M8	-	-	18	○
ER16-G6.3	6.3	5.21	5	M6,M8	-	-	-	18	○
ER16-G7	7	5.84	5.5	-	M9,M10	-	M10	18	○
ER16-G8	8	6.88	6	-	M11	-	-	22	○
	8	6.88	6.2	-	-	M8	M11	22	○
ER16-G8.5	8	6.88	6.3	M8,M10	-	-	-	22	○
	8.5	7.14	6.5	-	M12	-	-	22	○
ER16-G9	9	7.95	7	-	-	-	M12	22	○
	9	7.95	7.1	M12	-	-	-	22	○
ER16-G10	10	9.16	8	M10	-	M10	-	25	○

- 请根据 D,d1,W 尺寸选择相对应的攻丝 ER 筒夹
- 订货示例：1 件 ER16-G2.24 ISO
- Select the proper ER collet for tapping chuck according to the size of D,d1,W
- Ordering sample: 1 PC ER16-G2.24 ISO

ACCESSORIES 附件

攻丝 ER 筒夹

ER Collet for Tapping Chuck



ER20-G

规格型号 Designation	d1	SW	W	通用标准 Dc General Standard				L2	在庫 Stock
				ISO	JIS	DIN371	DIN376		
ER20-G2.24	2.24	2	1.8	M3	-	-	-	15	○
ER20-G2.5	2.5	2.2	2.1	-	-	-	M3.5	15	○
	2.5	2.2	2	M3.5	-	-	-	15	○
ER20-G2.8	2.8	2.6	2.1	-	-	-	M4	15	○
ER20-G3	3	2.8	2.5	-	M2	-	-	18	○
ER20-G3.15	3.15	2.9	2.5	M3,M4	-	-	-	18	○
ER20-G3.5	3.5	3.3	2.7	-	-	M3	M5	18	○
ER20-G3.55	3.55	3.3	2.8	M3.5,M4.5	-	-	-	18	○
ER20-G4	4	3.8	3	-	-	M3.5	-	18	○
	4	3.8	3.1	-	M3	-	-	18	○
ER20-G4.5	4.5	4.3	3.4	-	M4,M5	-	-	18	○
	4.5	4.3	3.55	M6	-	-	-	18	○
ER20-G5	5	4.7	4	M5	M4,M4.5	-	-	18	○
ER20-G5.5	5.5	4.37	4.3	-	-	-	M7	18	○
	5.5	4.37	4.5	-	M5	-	-	18	○
ER20-G6	6	5.09	4.5	-	M6	-	-	18	○
	6	5.09	4.9	-	-	M5,M6	M8	18	○
ER20-G6.2	6.2	5.21	5	-	M7,M8	-	-	18	○
ER20-G6.3	6.3	5.21	5	M6,M8	-	-	-	18	○
ER20-G7	7	5.84	5.5	-	M9,M10	-	M10	18	○
ER20-G8	8	6.88	6	-	M11	-	-	22	○
	8	6.88	6.2	-	-	M8	-	22	○
ER20-G8.5	8	6.88	6.3	M8,M10	-	-	-	22	○
	8.5	7.14	6.5	-	M12	-	-	22	○
ER20-G9	9	7.95	7	-	-	-	M12	22	○
	9	7.95	7.1	M12	-	-	-	22	○
ER20-G10	10	9.16	8	M10	-	M10	-	25	○
ER20-G10.5	10.5	9.16	8	-	M14,M15	-	-	25	○
ER20-G11	11	10.53	9	-	-	-	M14	25	○
ER20-G11.2	11.2	10.53	9	M14	-	-	-	25	○
ER20-G12	12	10.53	9	-	-	-	M16	25	○
ER20-G12.5	12.5	11.91	10	M16	M16	-	-	25	○
ER20-G13	13	11.91	10	-	M17	-	-	25	○

- 请根据 D,d1,W 尺寸选择相对应的攻丝 ER 筒夹
- 订货示例：1 件 ER16-G2.24 ISO
- Select the proper ER collet for tapping chuck according to the size of D, d1, W
- Ordering sample: 1 PC ER16-G2.24 ISO

● 标准库存
Item in stock

● 半标准库存 (订货时, 请确认交货期)
Item of short delivery time
(please confirm delivery time when ordering it)

○ 无库存 (订货时, 请确认交货期)
Order on demand
(please confirm delivery time when ordering it)

● 标准库存
Item in stock

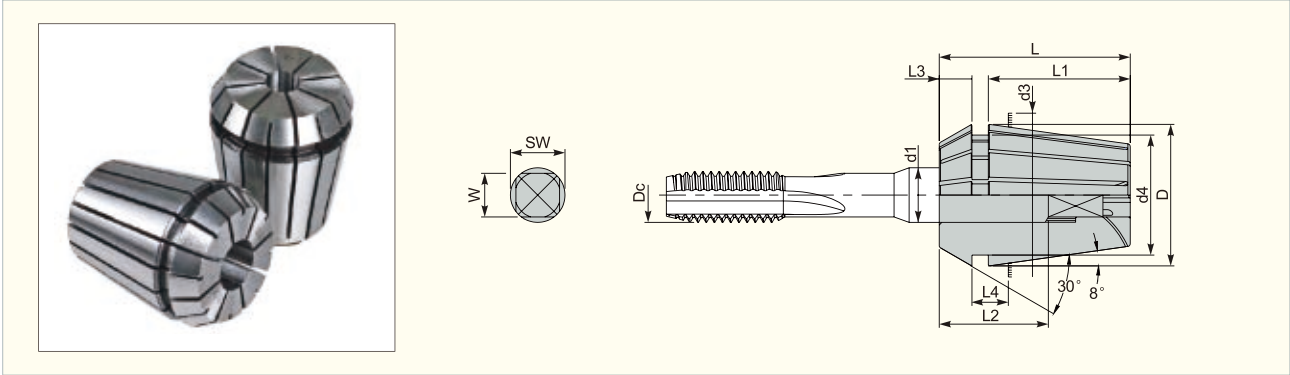
● 半标准库存 (订货时, 请确认交货期)
Item of short delivery time
(please confirm delivery time when ordering it)

○ 无库存 (订货时, 请确认交货期)
Order on demand
(please confirm delivery time when ordering it)

ACCESSORIES 附件

攻丝 ER 筒夹

ER Collet for Tapping Chuck



ER25-G

规格型号 Designation	d1	SW	W	通用标准 Dc General Standard				L2	在庫 Stock
				ISO	JIS	DIN371	DIN376		
ER25-G2.24	2.24	2	1.8	M3	-	-	-	15	○
ER25-G2.5	2.5	2.2	2.1	-	-	-	M3.5	15	○
	2.5	2.2	2	M3.5	-	-	-	15	○
ER25-G2.8	2.8	2.6	2.1	-	-	-	M4	15	○
ER25-G3	3	2.8	2.5	-	M2	-	-	18	○
ER25-G3.15	3.15	2.9	2.5	M3,M4	-	-	-	18	○
ER25-G3.5	3.5	3.3	2.7	-	-	M3	M5	18	○
ER25-G3.55	3.55	3.3	2.8	M3.5,M4.5	-	-	-	18	○
ER25-G4	4	3.8	3	-	-	M3.5	-	18	○
	4	3.8	3.1	-	M3	-	-	18	○
	4	3.8	3.15	M4,M5	-	-	-	18	○
ER25-G4.5	4.5	4.3	3.4	-	-	M4	M6	18	○
	4.5	4.3	3.55	M6	-	-	-	18	○
ER25-G5	5	4.7	4	M5	M4,M4.5	-	-	18	○
ER25-G5.5	5.5	4.37	4.3	-	-	-	M7	18	○
	5.5	4.37	4.5	-	M5	-	-	18	○
ER25-G6	6	5.09	4.5	-	M6	-	-	18	○
	6	5.09	4.9	-	-	M5,M6	M8	18	○
ER25-G6.2	6.2	5.21	5	-	M7,M8	-	-	18	○
ER25-G6.3	6.3	5.21	5	M6,M8	-	-	-	18	○
ER25-G7	7	5.84	5.5	-	M9,M10	-	M10	18	○
ER25-G8	8	6.88	6	-	M11	-	-	22	○
	8	6.88	6.2	-	-	M8	-	22	○
	8	6.88	6.3	M8,M10	-	-	-	22	○
ER25-8.5	8.5	7.14	6.5	-	M12	-	-	22	○
ER25-G9	9	7.95	7	-	-	-	M12	22	○
	9	7.95	7.1	M12	-	-	-	22	○
ER25-G10	10	9.16	8	M10	-	M10	-	25	○
ER25-G10.5	10.5	9.16	8	-	M14,M15	-	-	25	○
ER25-G11	11	10.53	9	-	-	-	M14	25	○
ER25-G11.2	11.2	10.53	9	M14	-	-	-	25	○
ER25-G12	12	10.53	9	-	-	-	M16	25	○
ER25-G12.5	12.5	11.91	10	M16	M16	-	-	25	○
ER25-G13	13	11.91	10	-	M17	-	-	25	○
ER25-G14	14	12.97	11	-	M18	-	M18	28	○
	14	12.97	11.2	M18,M20	-	-	-	28	○
ER25-G15	15	14.06	12	-	M20	-	-	28	○
ER25-G16	16	14.06	12	-	-	-	M20	28	○
	16	14.06	12.5	M22	-	-	-	28	○

- 请根据 D,d1,W 尺寸选择相对应的攻丝 ER 筒夹
- 订货示例: 1 件 ER25-G2.24 ISO
- Select the proper ER collet for tapping chuck according to the size of D. d1. W
- Ordering sample: 1 PC ER25-G2.24 ISO

● 标准库存
Item in stock

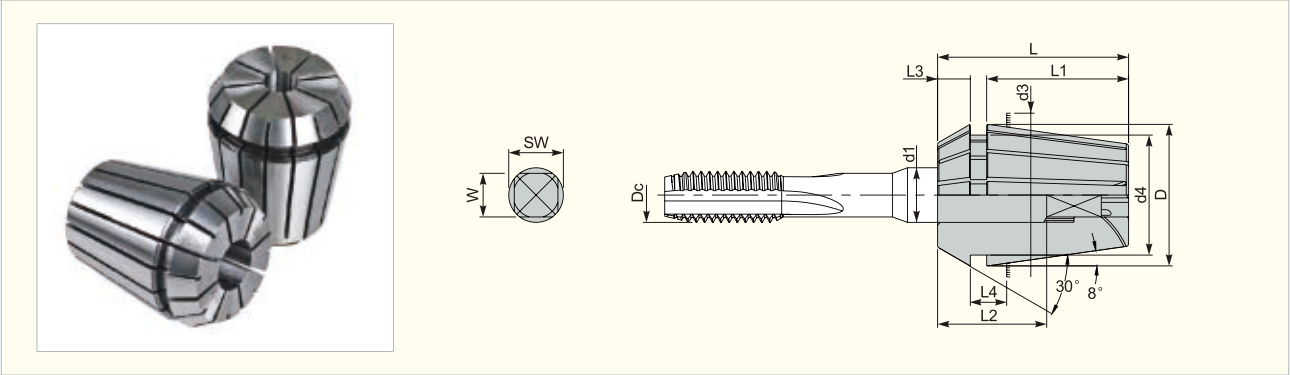
● 半标准库存 (订货时, 请确认交货期)
Item of short delivery time
(please confirm delivery time when ordering it)

○ 无库存 (订货时, 请确认交货期)
Order on demand
(please confirm delivery time when ordering it)

ACCESSORIES 附件

攻丝 ER 筒夹

ER Collet for Tapping Chuck



ER32-G

规格型号 Designation	d1	SW	W	通用标准 Dc General Standard				L2	在庫 Stock
				ISO	JIS	DIN371	DIN376		
ER32-G2.24	2.24	2	1.8	M3	-	-	-	15	○
ER32-G2.5	2.5	2.2	2.1	-	-	-	M3.5	15	○
	2.5	2.2	2	M3.5	-	-	-	15	○
ER32-G2.8	2.8	2.6	2.1	-	-	-	M4	15	○
ER32-G3	3	2.8	2.5	-	M2	-	-	18	○
ER32-G3.15	3.15	2.9	2.5	M3,M4	-	-	-	18	○
ER32-G3.5	3.5	3.3	2.7	-	-	M3	M5	18	○
ER32-G3.55	3.55	3.3	2.8	M3.5,M4.5	-	-	-	18	○
ER32-G4	4	3.8	3	-	-	M3.5	-	18	○
	4	3.8	3.1	-	M3	-	-	18	○
	4	3.8	3.15	M4,M5	-	-	-	18	○
ER32-G4.5	4.5	4.3	3.4	-	-	M4	M6	18	○
	4.5	4.3	3.55	M6	-	-	-	18	○
ER32-G5	5	4.7	4	M5	M4,M4.5	-	-	18	○
ER32-G5.5	5.5	4.37	4.3	-	-	-	M7	18	○
	5.5	4.37	4.5	-	M5	-	-	18	○
ER32-G6	6	5.09	4.5	-	M6	-	-	18	○
	6	5.09	4.9	-	-	M5,M6	M8	18	○
ER32-G6.2	6.2	5.21	5	-	M7,M8	-	-	18	○
ER32-G6.3	6.3	5.21	5	M6,M8	-	-	-	18	○
ER32-G7	7	5.84	5.5	-	M9,M10	-	M10	18	○
ER32-G8	8	6.88	6	-	M11	-	-	22	○
	8	6.88	6.2	-	-	M8	-	22	○
	8	6.88	6.3	M8,M10	-	-	-	22	○
ER32-8.5	8.5	7.14	6.5	-	M12	-	-	22	○
ER32-G9	9	7.95	7	-	-	-	M12	22	○
	9	7.95	7.1	M12	-	-	-	22	○
ER32-G10	10	9.16	8	M10	-	M10	-	25	○
ER32-G10.5	10.5	9.16	8	-	M14,M15	-	-	25	○
ER32-G11	11	10.53	9	-	-	-	M14	25	○
ER32-G11.2	11.2	10.53	9	M14	-	-	-	25	○
ER32-G12	12	10.53	9	-	-	-	M16	25	○
ER32-G12.5	12.5	11.91	10	M16	M16	-	-	25	○
ER32-G13	13	11.91	10	-	M17	-	-	25	○
ER32-G14	14	12.97	11	-	M18	-	M18	28	○
	14	12.97	11.2	M18,M20	-	-	-	28	○
ER32-G15	15	14.06	12	-	M20	-	-	28	○
ER32-G16	16	14.06	12	-	-	-	M20	28	○
	16	14.06	12.5	M22	-	-	-	28	○
ER32-G17	17	15.44	13	-	M22	-	-	33	○
ER32-G18	18	17.52	14.5	-	-	-	M22,M24	33	○
	18	17.52	14	M24	-	-	-	33	○
ER32-G19	19	18.22	15	-	M24,M25	-	-	33	○
ER32-G20	20	19.61	15	-	M26,M27	-	-	33	○

- 请根据 D,d1,W 尺寸选择相对应的攻丝 ER 筒夹
- 订货示例: 1 件 ER32-G2.24 ISO
- Select the proper ER collet for tapping chuck according to the size of D. d1. W
- Ordering sample: 1 PC ER32-G2.24 ISO

● 标准库存
Item in stock

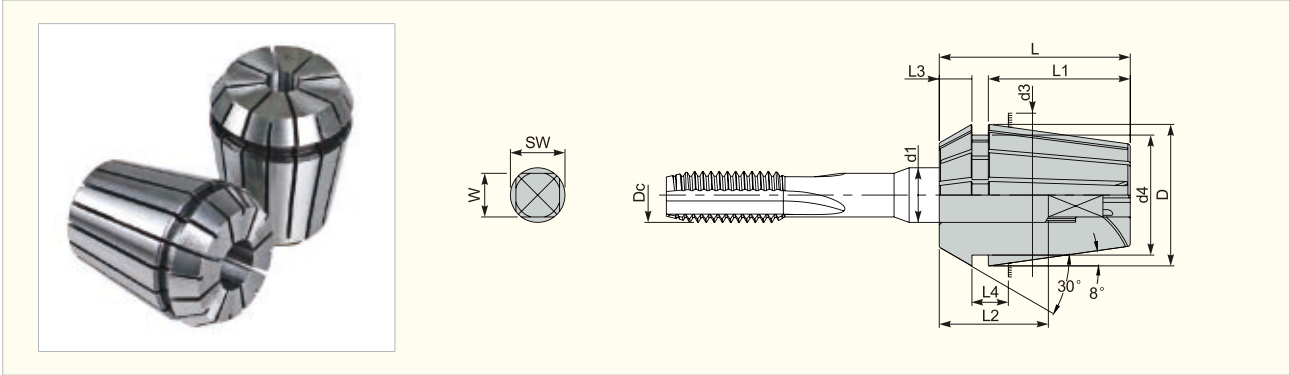
● 半标准库存 (订货时, 请确认交货期)
Item of short delivery time
(please confirm delivery time when ordering it)

○ 无库存 (订货时, 请确认交货期)
Order on demand
(please confirm delivery time when ordering it)

ACCESSORIES 附件

攻丝 ER 筒夹

ER Collet for Tapping Chuck



ER40-G

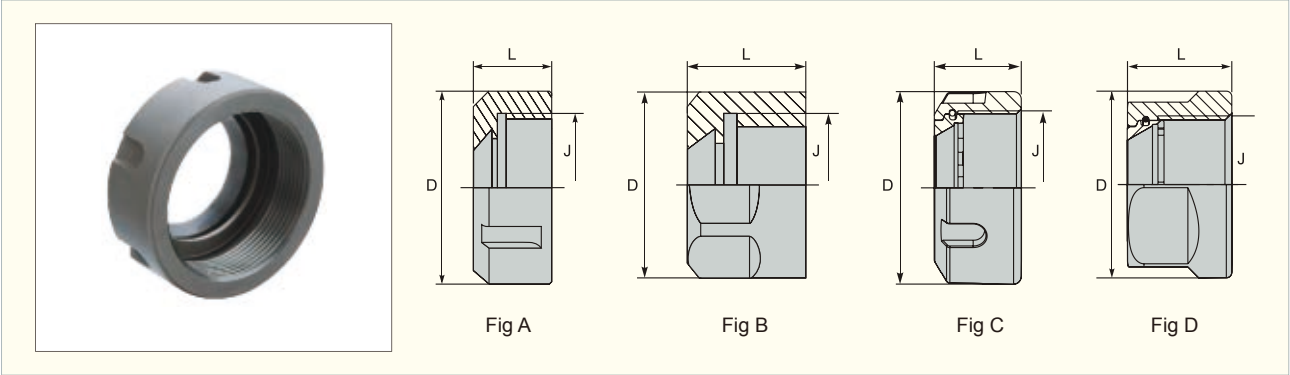
规格型号 Designation	d1	SW	W	通用标准 Dc General Standard				L2	在庫 Stock
				ISO	JIS	DIN371	DIN376		
ER40-G2.24	2.24	2	1.8	M3	-	-	-	15	○
ER40-G2.5	2.5	2.2	2.1	-	-	-	M3.5	15	○
	2.5	2.2	2	M3.5	-	-	-	15	○
ER40-G2.8	2.8	2.6	2.1	-	-	-	M4	15	○
ER40-G3	3	2.8	2.5	-	M2	-	-	18	○
ER40-G3.15	3.15	2.9	2.5	M3,M4	-	-	-	18	○
ER40-G3.5	3.5	3.3	2.7	-	-	M3	M5	18	○
ER40-G3.55	3.55	3.3	2.8	M3.5,M4.5	-	-	-	18	○
ER40-G4	4	3.8	3	-	-	M3.5	-	18	○
	4	3.8	3.1	-	M3	-	-	18	○
ER40-G4.5	4	3.8	3.15	M4,M5	-	-	-	18	○
	4.5	4.3	3.4	-	-	M4	M6	18	○
ER40-G5	4.5	4.3	3.55	M6	-	-	-	18	○
	5	4.7	4	M5	M4,M4.5	-	-	18	○
ER40-G5.5	5.5	4.37	4.3	-	-	-	M7	18	○
	5.5	4.37	4.5	-	M5	-	-	18	○
ER40-G6	6	5.09	4.5	-	M6	-	-	18	○
	6	5.09	4.9	-	-	M5,M6	M8	18	○
ER40-G6.2	6.2	5.21	5	-	M7,M8	-	-	18	○
ER40-G6.3	6.3	5.21	5	M6,M8	-	-	-	18	○
ER40-G7	7	5.84	5.5	-	M9,M10	-	M10	18	○
ER40-G8	8	6.88	6	-	M11	-	-	22	○
	8	6.88	6.2	-	-	M8	-	22	○
ER40-G8.5	8	6.88	6.3	M8,M10	-	-	-	22	○
	8.5	7.14	6.5	-	M12	-	-	22	○
ER40-G9	9	7.95	7	-	-	-	M12	22	○
	9	7.95	7.1	M12	-	-	-	22	○
ER40-G10	10	9.16	8	M10	-	M10	-	25	○
ER40-G10.5	10.5	9.16	8	-	M14,M15	-	-	25	○
ER40-G11	11	10.53	9	-	-	-	M14	25	○
ER40-G11.2	11.2	10.53	9	M14	-	-	-	25	○
ER40-G12	12	10.53	9	-	-	-	M16	25	○
ER40-G12.5	12.5	11.91	10	M16	M16	-	-	25	○
ER40-G13	13	11.91	10	-	M17	-	-	25	○
ER40-G14	14	12.97	11	-	M18	-	M18	28	○
	14	12.97	11.2	M18,M20	-	-	-	28	○
ER40-G15	15	14.06	12	-	M20	-	-	28	○
ER40-G16	16	14.06	12	-	-	-	M20	28	○
	16	14.06	12.5	M22	-	-	-	28	○

- 请根据 D,d1,W 尺寸选择相对应的攻丝 ER 筒夹
- 订货示例: 1 件 ER40-G2.24 ISO
- Select the proper ER collet for tapping chuck according to the size of D. d1. W
- Ordering sample: 1 PC ER40-G2.24 ISO

ACCESSORIES 附件

ER 螺帽

ER NUT



形式 Style		规格型号 Designation	D	L	J	Fig
普通型 General style (Standard style & Hexagon style)	六角型 Hex style	NUT ER16	28	17.5	M22x1.5	B
		NUT ER20	34	19	M25x1.5	
	标准型 Standard style	NUT ER25	42	20	M32x1.5	A
		NUT ER32	50	22.5	M40x1.5	
		NUT ER40	63	25.5	M50x1.5	
高精度型 High precision (Standard style & Hexagon style)	六角型 Hex style	NUT ER16.TOP	28	17.5	M22x1.5	D
		NUT ER20.TOP	34	19	M25x1.5	
	标准型 Standard style	NUT ER25.TOP	42	20	M32x1.5	C
		NUT ER32.TOP	50	22.5	M40x1.5	
		NUT ER40.TOP	63	25.5	M50x1.5	

- TOP 螺帽不推荐装夹攻丝 ER 筒夹
- Select the proper ER collet for tapping chuck according to the size

小径 ER 螺母

ER Nut with Small Diameter

形式 Style		规格型号 Designation	D	L	J	Fig
普通型 General style (Standard style & Hexagon style)	标准型 Hex style	NUT ER16-M	22	18	M19x1.0	A
		NUT ER20-M	28	19	M24x1.0	
	标准型 Standard style	NUT ER25-M	35	20	M30x1.0	A

- 标准库存
Item in stock
- 半标准库存 (订货时, 请确认交货期)
Item of short delivery time
(please confirm delivery time when ordering it)
- 无库存 (订货时, 请确认交货期)
Order on demand
(please confirm delivery time when ordering it)

ACCESSORIES 附件

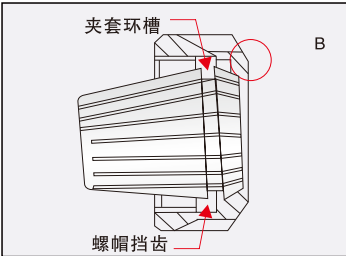
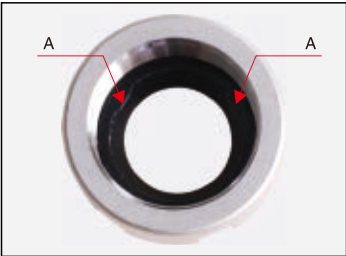
高精度型 ER 螺帽
High Precision ER Nut

螺帽说明 Description

摩擦轴承 ER 螺帽具有独特的双摩擦结构的设计，可实现径向和角度方向的自定心功能。
Friction bearing ER nut with a unique two piece exclusive friction mechanism,combining radial and angular self-centering movements.

特征 Features

- 独特的双摩擦轴承；
- 径向和角度的浮动设计，可获得更好的同心度；
- 独特的摩擦轴承结构可获得具有更高的夹持力，对比于标准 ER 螺帽其夹持力可增加 50~100%；
- 螺帽内端面其独特的挡齿设计，在高的转速下保持更好的平稳性；
- 紧凑结构设计—与标准螺帽一致的尺寸规格；
- 可装夹密封型筒夹；
- Unique two-piece friction bearing.
- Radial and angular float for better concentricity.
- Powerful gripping force, 50-100% higher than the standard ER nut, due to the friction bearing mechanism.
- Balanced for higher spindle spin due to unique extractor teeth design.
- Compact design-general dimensions and size range are the same as the standard nut.
- Designed for use with sealed collets.

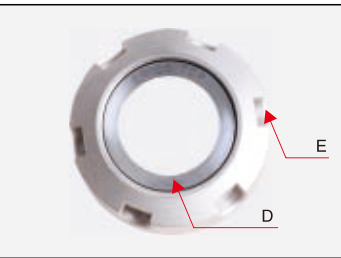


注意 Notes

- 禁止将筒夹平行装入螺帽。否则将造成螺帽挡齿的破损。
- 当松开螺帽时，通过 螺帽上的挡齿作用，筒夹可自动与刀柄联结的内锥孔分开。
- Never insert the collet parade to the extractor ring. Doing this will chip or break the extractor' s teeth.
- When unclamping the nut, the collet will self-release from the chuck by means of extractor teeth.

拆卸顺序 Extraction procedure

- 旋转螺帽，使螺帽的任意锁紧槽（E）对准筒夹端面上的菱形图标；
- 将此时的螺帽、筒夹扣放在水平、洁净的工作台上；
- 将螺丝刀对正图示 (D) 菱形图标位置，垂直插入螺帽和筒夹之间；
- 将螺丝刀向外扳，同时沿内侧方向（F）按住筒夹后端，卸开筒夹。
- Align the engraved diamond shape which is on the silver ring (D), with any of the key slots (E) of the nut.
- Place the nut with the collet facing down on a clean and horizontal work surface.
- Insert a screwdriver vertically between the nut slots and the collet on the reverse side of the engraved diamond shape (D).
- Tilt the screwdriver outwards, while helping the extraction by pushing the collet' s back end in the opposite direction (F).



推荐扭矩 – 对于标准弹簧夹头（标准筒夹与前端螺帽）
Recommended clamping torque for standard ER & ER-top clamping nut.

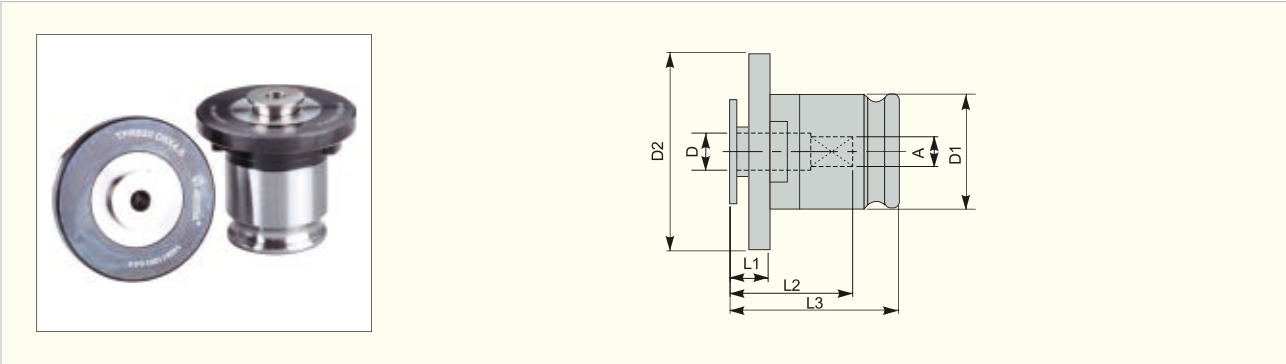
装夹顺序 Insertion Procedure

- 将筒夹倾斜插入螺帽内，并使螺帽的挡齿（A）卡在筒夹的环槽（B）内。
- 将上述两者部件一起放置在清洁、水平的工作台上。
- 用拇指向下压筒夹直到卡入螺帽内（C）。
- Insert the collet at an angle, fitting the two extractor teeth which picture (A) into th ecollet' s groove (B).
- Place the two parts on a clean and horizontal work surface.
- Press down with your thumb on the back end of the collet until it clicks into place (C).

螺帽必须先装入筒夹后，再安装在弹簧夹头刀柄上
Always assemble the collet into the nut before mounting onto the collet chuck.

ACCESSORIES 附件

丝锥快换夹头—不带过载保护
Quick Change Chuck without Overload Protection



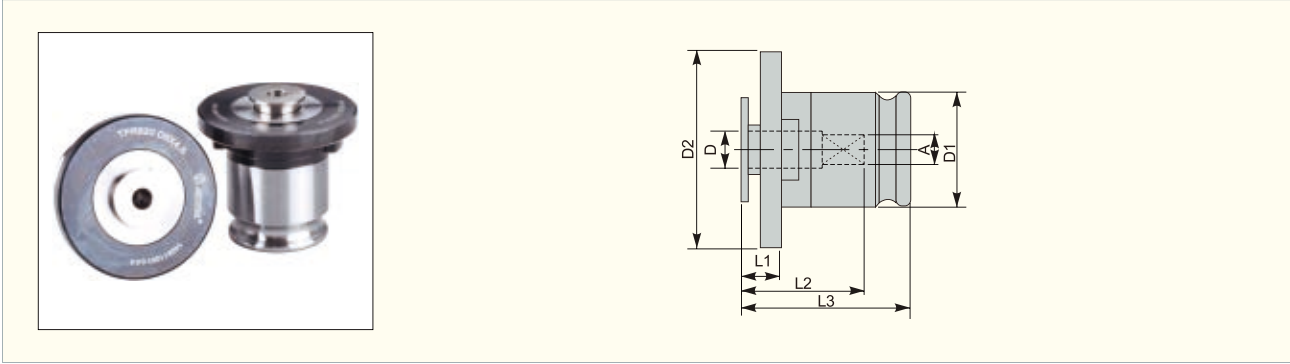
规格型号 Designation	D	A	D1	D2	L1	L2	L3	Kg						在库 Stock
									A	B	C	D	E	
									ISO529	ISO529/ISO2283	JISNB4430	DIN371	DIN374/DIN376	
TPR412 D2.8x2.1	2.8	2.1	19	36	11	25	33	0.1	-	-	-	M2-M2.5	M4	○
TPR412 D3.15x2.5	3.15	2.5	19	36	12	26	34	0.1	M3	M4	-	-	-	○
TPR412 D3.55x2.8	3.55	2.8	19	36	12	26	34	0.1	M3.5	M4.5	-	M3	M4.5-M5	○
TPR412 D4x3.15	4	3.15	19	36	12	27	34	0.1	M4	M5	-	M3.5	-	○
TPR412 D4.5x3.55	4.5	3.55	19	36	12	27	34	0.1	M4.5	M6	-	M4	M6	○
TPR412 D5x4	5	4	19	36	12	28	34	0.1	M5	-	M4-M4.5	-	-	○
TPR412 D5.5x4.5	5.5	4.5	19	36	11	27	34	0.1	-	-	M5	-	-	○
TPR412 D6x4.5	6	4.5	19	36	12	28	34	0.1	-	-	M6	-	-	○
TPR412 D6x4.9	6	4.9	19	36	12	29	34	0.1	-	-	-	M4.5-M6	M8	○
TPR412 D6.3x5	6.3	5	19	36	12	29	34	0.1	M6	M8	M7-M8	-	-	○
TPR412 D7x5.5	7	5.5	19	36	12	29	34	0.1	-	-	M9-M10	M7	M10	○
TPR412 D8x6.3	8	6.3	19	36	12	30	34	0.1	M8	M10-M11	-	M8	-	○
TPR412 D8.5x6.5	8.5	6.5	19	36	12	30	34	0.1	-	-	M12	-	-	○
TPR412 D9x7.1	9	7.1	19	36	12	30	34	0.1	M9	M12	-	-	M12	○
TPR412 D10x8	10	8	19	36	12	33	34	0.1	M10	-	-	M10	-	○
TPR820 D6x4.9	6	4.9	31	53.5	10	30	46	0.2	-	-	-	M4.5-M6	M8	○
TPR820 D6.3x5	6.3	5	31	53.5	11	31	46	0.2	M6	M8	M7-M8	-	-	○
TPR820 D7x5.5	7	5.5	31	53.5	10	30	46	0.2	-	-	M9-M10	M7	M10	○
TPR820 D8x6.3	8	6.3	31	53.5	10	31	46	0.2	M8	M10-M11	-	M8	-	○
TPR820 D8.5x6.5	8.5	6.5	31	53.5	10	31	46	0.2	-	-	M12	-	-	○
TPR820 D9x7.1	9	7.1	31	53.5	11	32	46	0.2	M9	M12	-	-	M12	○
TPR820 D10x8	10	8	31	53.5	10	33	46	0.2	M10	-	-	M10	-	○
TPR820 D10.5x8	10.5	8	31	53.5	11	43	46	0.2	-	-	M14	-	-	○
TPR820 D11.2x9	11.2	9	31	53.5	11	43	46	0.2	-	M13-M15	-	-	M14	○
TPR820 D12x9	12	9	31	53.5	11	45	46	0.2	-	-	-	-	M16	○
TPR820 D12.5x10	12.5	10	31	53.5	11	45	46	0.2	-	M16-M17	M16	-	-	○
TPR820 D14x11.2	14	11.2	31	53.5	11	45	46	0.2	-	M18-M21	M18	-	M18	○
TPR820 D15x12	15	12	31	53.5	11	45	46	0.2	-	-	M20	-	-	○
TPR820 D16x12	16	12	31	53.5	11	45	46	0.2	-	-	-	-	M20	○
TPR1433 D10.5x8	10.5	8	48	78	11	43	67	0.8	-	-	M14	-	-	○
TPR1433 D11.2x9	11.2	9	48	78	11	43	67	0.8	-	M13-M15	-	-	M14	○
TPR1433 D12x9	12	9	48	78	11	43	67	0.8	-	-	-	-	M16	○
TPR1433 D12.5x10	12.5	10	48	78	11	44	67	0.8	-	M16-M17	M16	-	-	○
TPR1433 D14x11.2	14	11.2	48	78	11	45	67	0.8	-	M18-M21	M18	-	M18	○
TPR1433 D15x12	15	12	48	78	11	46	67	0.8	-	-	M20	-	-	○
TPR1433 D16x12	16	12	48	78	11	46	67	0.8	-	-	-	-	M20	○
TPR1433 D16x12.5	16	12.5	48	78	11	52	67	0.8	-	M22-M23	-	-	-	○
TPR1433 D17x13	17	13	48	78	11	53	67	0.8	-	-	M22	-	-	○
TPR1433 D18x14	18	14	48	78	11	56	67	0.8	-	M24-M26	-	-	-	○
TPR1433 D18x14.5	18	14.5	48	78	11	52	67	0.8	-	-	-	-	M22-M26	○
TPR1433 D19x15	19	15	48	78	11	56	67	0.8	-	-	M22	-	-	○
TPR1433 D20x15	20	15	48	78	11	56	67	0.8	-	-	M27	-	-	○
TPR1433 D20x16	20	16	48	78	11	57	67	0.8	-	M27-M30	-	-	M27	○
TPR1433 D22.4x18	22.4	18	48	78	11	58	67	0.7	-	M31-M33	-	-	M29-M32	○
TPR1433 D23x17	23	17	48	78	11	57	67	0.7	-	-	M30	-	-	○
TPR1433 D25x19	25	19	48	78	11	58	67	0.7	-	-	M33	-	-	○
TPR1433 D25x20	25	20	48	78	11	60	67	0.7	-	-	-	-	M33	○

- 标准库存
Item in stock
- 半标准库存（订货时，请确认交货期）
Item of short delivery time
(please confirm delivery time when ordering it)
- 无库存（订货时，请确认交货期）
Order on demand
(please confirm delivery time when ordering it)

ACCESSORIES 附件

丝锥快换夹头—不带过载保护

Quick Change Chuck without Overload Protection



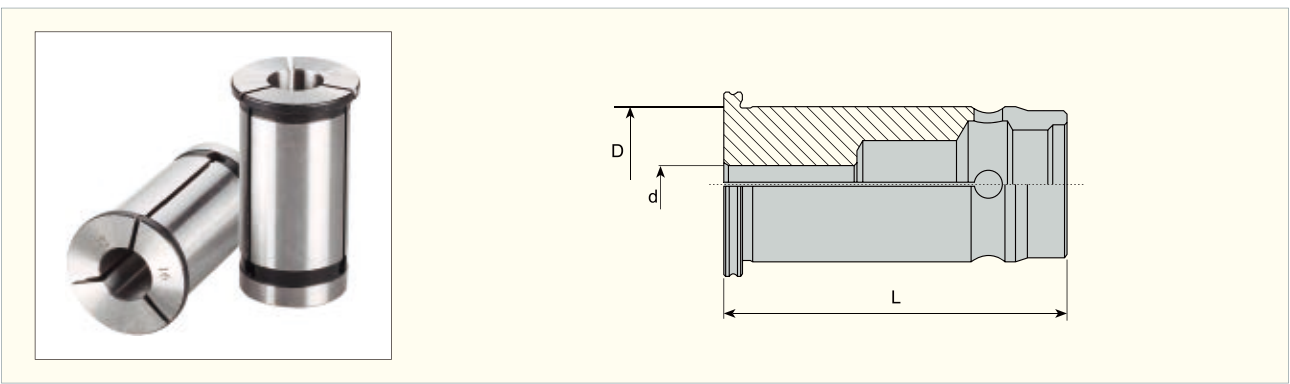
规格型号 Designation	D	A	D1	D2	L1	L2	L3	Kg	A	B	C	D	E	在庫 Stock
									ISO529	ISO529/ISO2283	JISNB4430	DIN371	DIN374/DIN376	
TPR2248 D16x12.5	16	12.5	60	96	16	53	80	1.6	-	M22-M23	-	-	-	○
TPR2248 D17x13	17	13	60	96	16	53	80	1.6	-	-	M22	-	-	○
TPR2248 D18x14	18	14	60	96	16	53	80	1.6	-	M24-M26	-	-	-	○
TPR2248 D18x14.5	18	14.5	60	96	16	54	80	1.6	-	-	-	-	M22-M26	○
TPR2248 D19x15	19	15	60	96	16	54	80	1.5	-	-	M24	-	-	○
TPR2248 D20x15	20	15	60	96	16	54	80	1.5	-	-	M27	-	-	○
TPR2248 D20x16	20	16	60	96	16	57	80	1.6	-	M27-M30	-	-	M27	○
TPR2248 D22.4x18	22.4	18	60	96	16	58	80	1.5	-	M31-M33	-	-	M29-M32	○
TPR2248 D23x17	23	17	60	96	16	56	80	1.5	-	-	M30	-	-	○
TPR2248 D25x19	25	19	60	96	16	59	80	1.5	-	-	M33	-	-	○
TPR2248 D25x20	25	20	60	96	16	60	80	1.5	-	-	-	-	M33	○
TPR2248 D28x21	28	21	60	96	22	73	86	1.5	-	-	M36	-	-	○
TPR2248 D28x22	28	22	60	96	22	74	86	1.5	-	-	-	-	M34-M38	○
TPR2248 D28x22.4	28	22.4	60	96	22	75	86	1.5	-	M37-M42	-	-	-	○
TPR2248 D30x23	30	23	60	96	22	75	86	1.5	-	-	M39	-	-	○
TPR2248 D31.5x25	31.5	25	60	96	22	77	86	1.5	-	M44-M50	-	-	-	○
TPR2248 D32x24	32	24	60	96	22	76	86	1.5	-	-	-	-	M39-M42	○
TPR2248 D32x26	32	26	60	96	22	79	86	1.5	-	-	M42	-	-	○
TPR2248 D35x26	35	26	60	96	22	79	86	1.5	-	-	M45	-	-	○
TPR2248 D36x29	36	29	60	96	22	81	86	1.5	-	-	-	-	M44-M50	○
TPR2248 D38x29	38	29	60	96	22	81	86	1.5	-	-	M48	-	-	○

- 每个尺寸的丝锥都需要一个快换件，按照 D,A 订购；
- 订货示例：1 件 TPR820 D9x7.1
- A,D 为粗柄普通通螺纹丝锥；
- B,E 为细柄普通粗牙螺纹丝锥；
- C 为等径普通粗牙螺纹丝锥。
- Each tap has its own corresponded quick change chuck, please refer to order as figure D, A
- Ordering sample: 1 PC TPR820 D9x7.1
- A, D The taps with ordinary pitch and thick shank
- B, E The taps with ordinary coarse pitch and thin shank
- C The taps with ordinary coarse pitch and equal dia.

ACCESSORIES 附件

强力刀柄直筒夹

Straight Collet for Power Chuck Chuck Adaptor

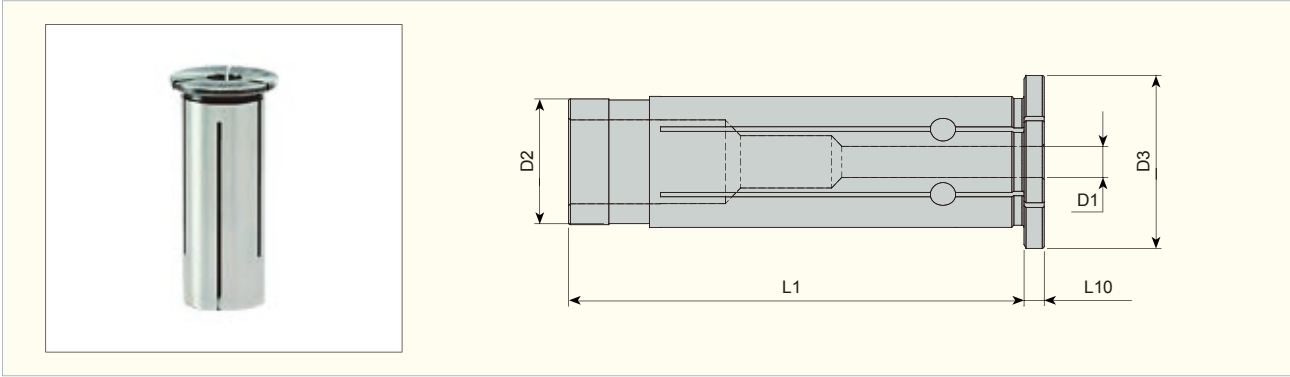


规格型号 Designation	D	d	L
C32-D4	32	4	70
C32-D6	32	6	70
C32-D8	32	8	70
C32-D10	32	10	70
C32-D12	32	12	70
C32-D15	32	15	70
C32-D16	32	16	70
C32-D19	32	19	70
C32-D20	32	20	70
C32-D22	32	22	70
C32-D24	32	24	70
C32-D25	32	25	70

ACCESSORIES 附件

液压刀柄变径套

Reduction Sleeve for Hydraulic Chuck Adaptor

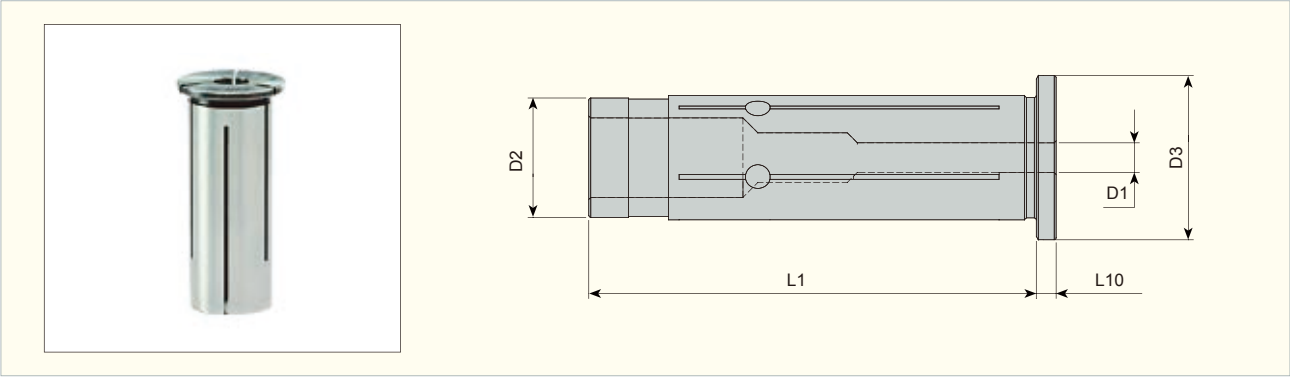


规格型号 Designation	D1	D2	D3	L1	L10	kg
HC12-3	3	12	16.5	45	2	0.1
HC12-4	4	12	16.5	45	2	0.1
HC12-5	5	12	16.5	45	2	0.1
HC12-6	6	12	16.5	45	2	0.1
HC12-8	8	12	16.5	45	2	0.1
HC20-3	3	20	24.5	50.5	2	0.1
HC20-4	4	20	24.5	50.5	2	0.1
HC20-5	5	20	24.5	50.5	2	0.1
HC20-6	6	20	24.5	50.5	2	0.1
HC20-7	7	20	24.5	50.5	2	0.1
HC20-8	8	20	24.5	50.5	2	0.1
HC20-9	9	20	24.5	50.5	2	0.1
HC20-10	10	20	24.5	50.5	2	0.1
HC20-11	11	20	24.5	50.5	2	0.1
HC20-12	12	20	24.5	50.5	2	0.1
HC20-13	13	20	24.5	50.5	2	0.1
HC20-14	14	20	24.5	50.5	2	0.1
HC20-15	15	20	24.5	50.5	2	0.1
HC20-16	16	20	24.5	50.5	2	0.1
HC32-6	6	32	36.5	60.5	3	0.3
HC32-8	8	32	36.5	60.5	3	0.3
HC32-10	10	32	36.5	60.5	3	0.3
HC32-12	12	32	36.5	60.5	3	0.3
HC32-14	14	32	36.5	60.5	3	0.3
HC32-16	16	32	36.5	60.5	3	0.3
HC32-18	18	32	36.5	60.5	3	0.3
HC32-20	20	32	36.5	60.5	3	0.3
HC32-25	25	32	36.5	60.5	3	0.3

ACCESSORIES 附件

液压刀柄变径套 – 内冷型

Reduction Sleeve with Coolant for Hydraulic Chuck Adaptor

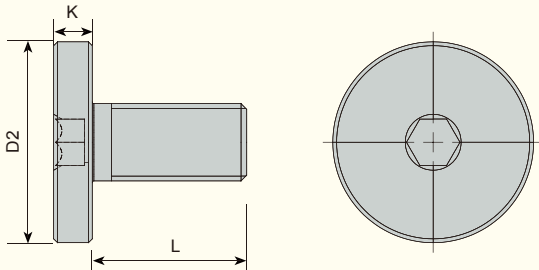


规格型号 Designation	D1	D2	D3	L1	L10	kg
HC12-3.C	3	12	16.5	45	2	0.1
HC12-4.C	4	12	16.5	45	2	0.1
HC12-5.C	5	12	16.5	45	2	0.1
HC12-6.C	6	12	16.5	45	2	0.1
HC12-8.C	8	12	16.5	45	2	0.1
HC20-3.C	3	20	24.5	50.5	2	0.1
HC20-4.C	4	20	24.5	50.5	2	0.1
HC20-5.C	5	20	24.5	50.5	2	0.1
HC20-6.C	6	20	24.5	50.5	2	0.1
HC20-7.C	7	20	24.5	50.5	2	0.1
HC20-8.C	8	20	24.5	50.5	2	0.1
HC20-9.C	9	20	24.5	50.5	2	0.1
HC20-10.C	10	20	24.5	50.5	2	0.1
HC20-11.C	11	20	24.5	50.5	2	0.1
HC20-12.C	12	20	24.5	50.5	2	0.1
HC20-13.C	13	20	24.5	50.5	2	0.1
HC20-14.C	14	20	24.5	50.5	2	0.1
HC20-15.C	15	20	24.5	50.5	2	0.1
HC20-16.C	16	20	24.5	50.5	2	0.1
HC32-6.C	6	32	36.5	60.5	3	0.3
HC32-8.C	8	32	36.5	60.5	3	0.3
HC32-10.C	10	32	36.5	60.5	3	0.3
HC32-12.C	12	32	36.5	60.5	3	0.3
HC32-14.C	14	32	36.5	60.5	3	0.3
HC32-16.C	16	32	36.5	60.5	3	0.3
HC32-18.C	18	32	36.5	60.5	3	0.3
HC32-20.C	20	32	36.5	60.5	3	0.3
HC32-25.C	25	32	36.5	60.5	3	0.3

ACCESSORIES 附件

大圆头螺钉
Truss Head Screw



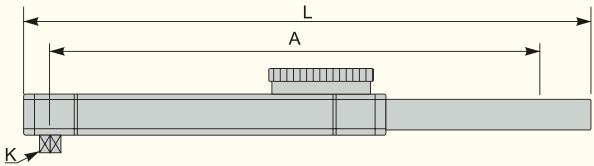


规格型号 Designation	D1	D2	K	L
SRB22-M10	M10	28	9	25
SRB27-M12	M12	35	10	30
SRB32-M16	M16	42	11	35
SRB40-M20	M20	52	12	40

ACCESSORIES 附件

单臂扭矩扳手
Torque Wrench

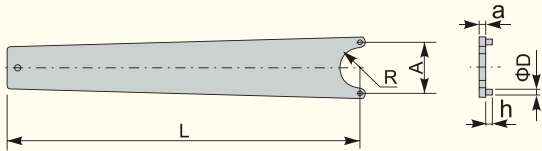




规格型号 Designation	扭矩 (N.M) Torque	测量范围 Range	K	L	A	附带转换套筒 Sleeve
KEY50 N12	1-12	M4-M6	6.3	305	260	S6-6.3A 型
KEY50 N50	5-50	M8-M12	9.5	355	290	S10-10A 型
KEY50 N200	20-200	M14-M22	12.5	495	420	S18-12.5A 型
KEY50 N1000	100-1000	M24-M48	25.4	1330	1260	S27-25/S34-25

调节扳手
Adjustable Wrench

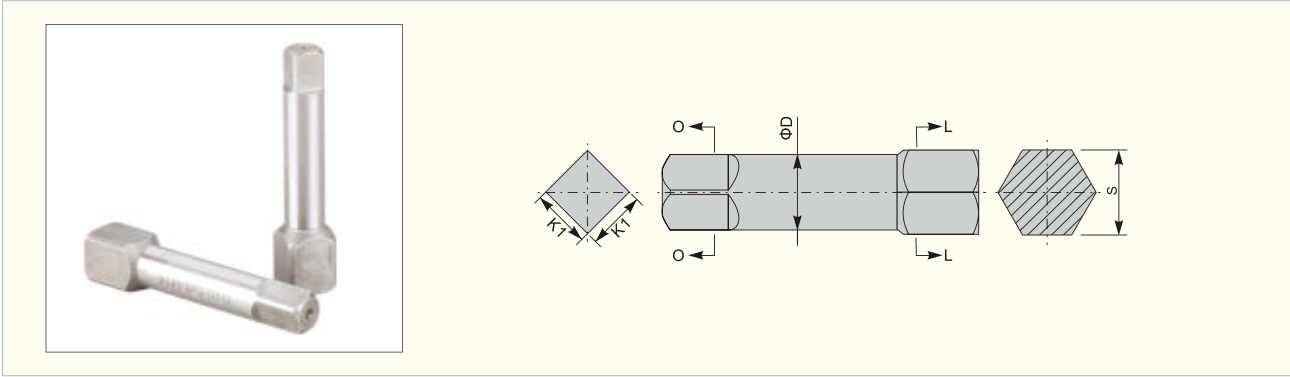




规格型号 Designation	R mm	ΦD mm	A mm	L mm	a mm	h mm	用于快换件 Quick change chuck	重量 kg
KEY51 A412	9	3	23	200	5	5	TPS412	0.18
KEY51 A820	14.5	4	37	260	5	5	TPS820	0.36
KEY51 A1433	22	5	55	260	5	5	TPS1433	0.45
KEY51 A2248	30	6	72	260	5	5	TPS2248	0.53

ACCESSORIES 附件

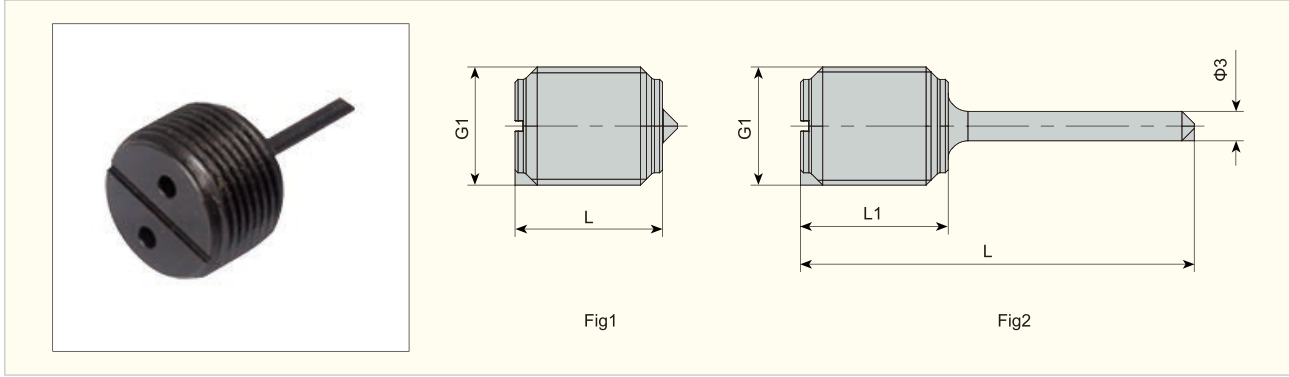
方头螺栓
Coach Bolt



规格型号 Designation	适用扭矩扳手 Torque wrench	适用转换套筒 Sleeve	S	D	K1
KEY52 D2.8x2.1	KEY50 N12	S6-6.3	6	2.8	2.1
KEY52 D3.15x2.5	KEY50 N12	S6-6.3	6	3.15	2.5
KEY52 D3.55x2.8	KEY50 N12	S6-6.3	6	3.55	2.8
KEY52 D4x3.15	KEY50 N12	S6-6.3	6	4	3.15
KEY52 D4.5x3.55	KEY50 N12	S6-6.3	6	4.5	3.55
KEY52 D5x4	KEY50 N12	S6-6.3	6	5	4
KEY52 D5.5x4.5	KEY50 N12	S6-6.3	6	5.5	4.5
KEY52 D6x4.5	KEY50 N12	S6-6.3	6	6	4.5
KEY52 D6.4.9	KEY50 N12	S6-6.3	6	6	4.9
KEY52 D6.3x5	KEY50 N50	S10-10	10	6.3	5
KEY52 D7x5.5	KEY50 N50	S10-10	10	7	5.5
KEY52 D8x6.3	KEY50 N50	S10-10	10	8	6.3
KEY52 D8.5x6.5	KEY50 N50	S10-10	10	8.5	6.5
KEY52 D9x7.1	KEY50 N50	S10-10	10	9	7.1
KEY52 D10x8	KEY50 N50	S10-10	10	10	8
KEY52 D10.5x8	KEY50 N200	S18-12.5	18	10.5	8
KEY52 D11.2x9	KEY50 N200	S18-12.5	18	11.2	9
KEY52 D12x9	KEY50 N200	S18-12.5	18	12	9
KEY52 D12.5x10	KEY50 N200	S18-12.5	18	12.5	10
KEY52 D15x12	KEY50 N200	S18-12.5	18	15	12
KEY52 D16x12	KEY50 N200	S18-12.5	18	16	12
KEY52 D16x12.5	KEY50 N200	S18-12.5	18	16	12.5
KEY52 D17x13	KEY50 N200	S18-12.5	18	17	13
KEY52 D18x14.5	KEY50 N200	S18-12.5	18	18	14.5
KEY52 D18x14	KEY50 N1000	S27-25	27	19	14
KEY52 D19x15	KEY50 N1000	S27-25	27	20	15
KEY52 D20x15	KEY50 N1000	S27-25	27	20	15
KEY52 D20x16	KEY50 N1000	S27-25	27	22.4	16
KEY52 D22.4x18	KEY50 N1000	S27-25	27	23	18
KEY52 D23x17	KEY50 N1000	S27-25	27	25	17
KEY52 D25x19	KEY50 N1000	S27-25	27	25	19
KEY52 D25x20	KEY50 N1000	S27-25	27	28	20
KEY52 D28x21	KEY50 N1000	S34-25	34	28	21
KEY52 D28x22	KEY50 N1000	S34-25	34	28	22
KEY52 D28x22.4	KEY50 N1000	S34-25	34	28	22.4
KEY52 D30x23	KEY50 N1000	S34-25	34	30	23
KEY52 D31.5x25	KEY50 N1000	S34-25	34	31.5	25
KEY52 D32x24	KEY50 N1000	S34-25	34	32	24
KEY52 D32x26	KEY50 N1000	S34-25	34	32	26
KEY52 D35x26	KEY50 N1000	S34-25	34	35	26
KEY52 D36x29	KEY50 N1000	S34-25	34	36	29
KEY52 D38x29	KEY50 N1000	S34-25	34	38	29

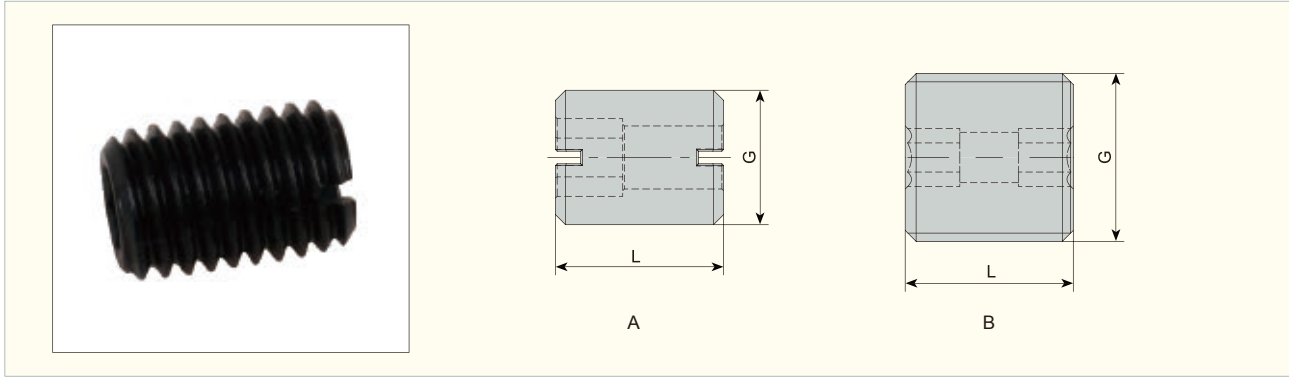
ACCESSORIES 附件

ER 刀柄后定位螺钉
Backstop Screw for ER Collet Chuck



规格型号 Designation	G1	L	G	Fig
SRB ER-M8	M8	15	-	Fig1
SRB ER-M10	M10	15	-	Fig1
SRB ER-M12	M12	15	-	Fig1
SRB ER-M12L	M12	40	15	Fig2
SRB ER-M16	M16	15	-	Fig1
SRB ER-M16L	M16	40	15	Fig2
SRB ER-M18x1.5	M18x1.5	15	-	Fig1
SRB ER-M18x1.5L	M18x1.5	40	15	Fig2
SRB ER-M22x1.5	M22x1.5	15	-	Fig1
SRB ER-M22x1.5L	M22x1.5	40	15	Fig2
SRB ER-M28x1.5	M28x1.5	15	-	Fig1

轴向调节螺钉
Axial adjusting screw

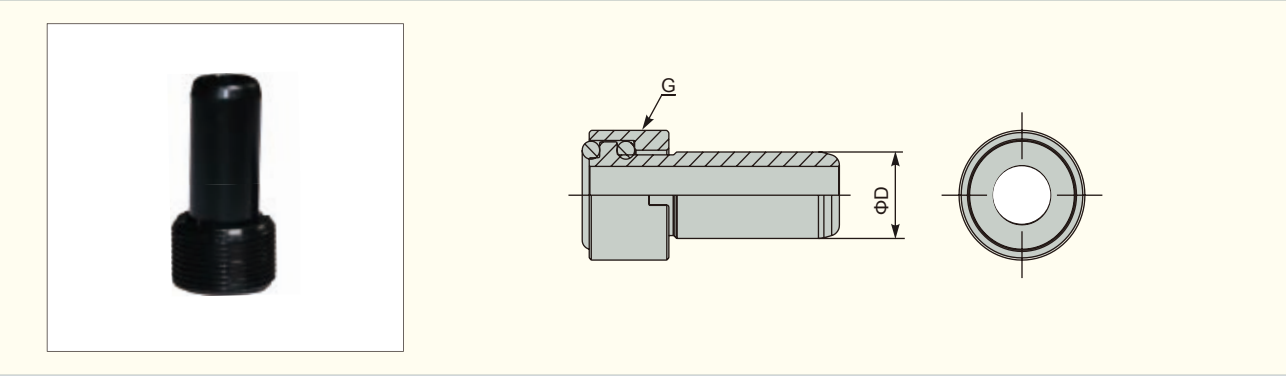


规格型号 Designation	G	L	适配扳手 Wrench	Fig
SR50 M12X18.BC	M12	18	KEY01 M6	A
SR50 M16X20.BC	M16	20	KEY01 M8	A
SR50 M20X20-X.BC	M20X2	20	KEY01 M6	B

ACCESSORIES 附件

HSK-A 型冷却管

HSK Type A Coolant Tube

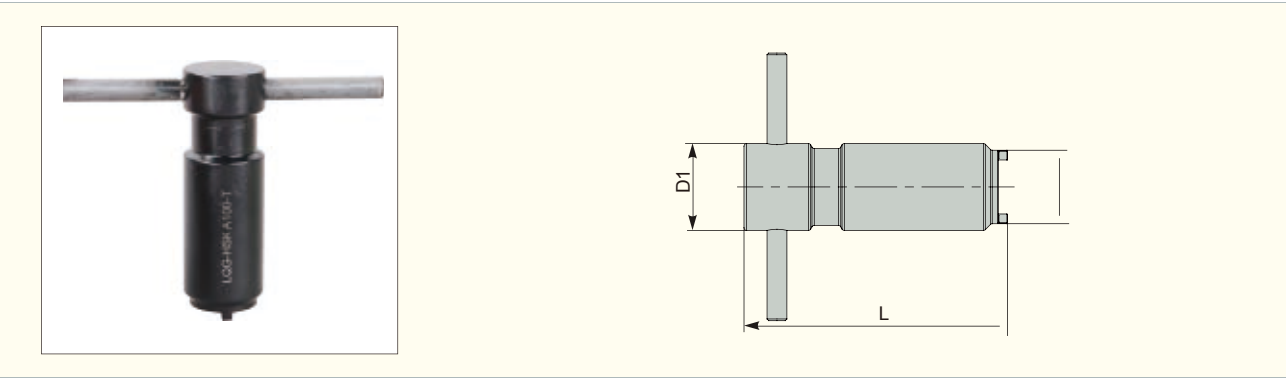


规格型号 Designation	D	G	O 型圈 (内径 x 线径) Size
LQG-HSK A63	12	M18x1	FT91 D10x2.5
LQG-HSK A100	16	M24x1.5	FT91 D15x3

- 订货示例：1 件 LQG-HSK A63
- Ordering sample: 1 PC LQG-HSK A63-T

HSK-A 型冷却管扳手

Allen key for HSK Type A Coolant Tube



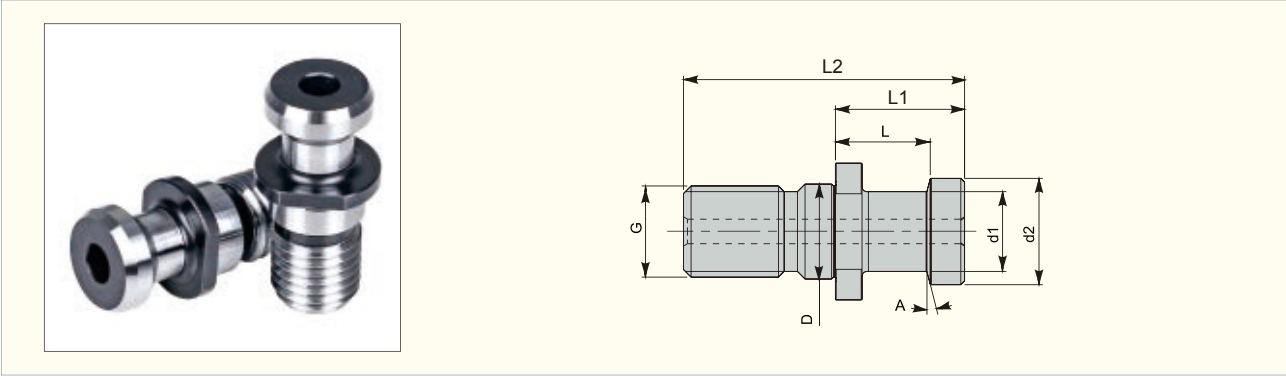
规格型号 Designation	D	D1	L
LQG-HSK A63-T	16.5	20	70
LQG-HSK A100-T	22	26	80

- 订货示例：1 件 LQG-HSK A63-T
- Ordering sample: 1 PC LQG-HSK A63-T

ACCESSORIES 附件

ISO7388/2 A 型 / GB10945 A 型

1507388/2 A style /GB10945 A style

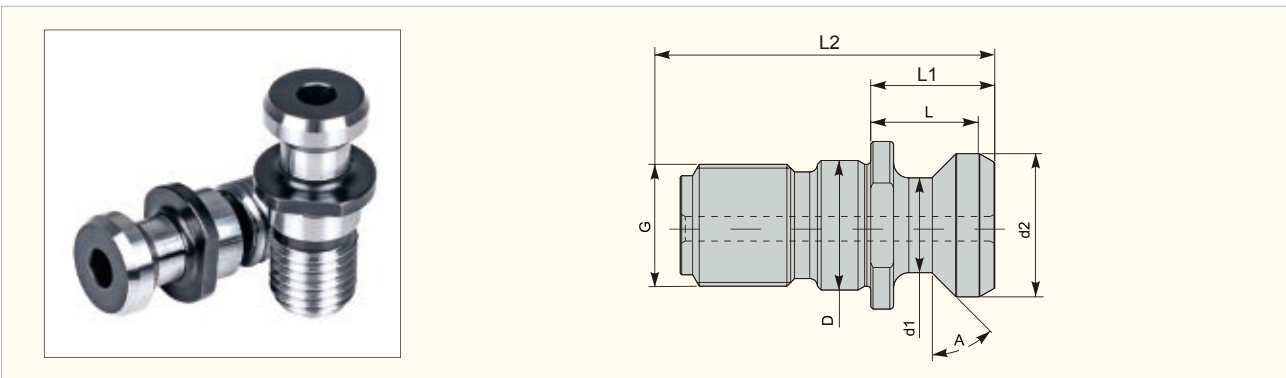


规格型号 Designation	尺寸 (mm) Dimension								重量 (kg) Weight
	G	D	d1	d2	L	L1	L2	A	
PS SK30 15 ISO7388-A.C	M12	13	8	12	19	24	44	15°	0.04
PS SK40 15 ISO7388-A.C	M16	17	14	19	20	26	54	15°	0.08
PS SK50 15 ISO7388-A.C	M24	25	21	28	25	34	74	15°	0.25

- 型号尾部带有 .C 字样的表示带有冷孔。
- Code 'C' at the end of designation indicates internal coolant hole with pull stu

ISO7388/2 B 型 / GB10945 B 型

1507388/2 B style /GN10945 B style

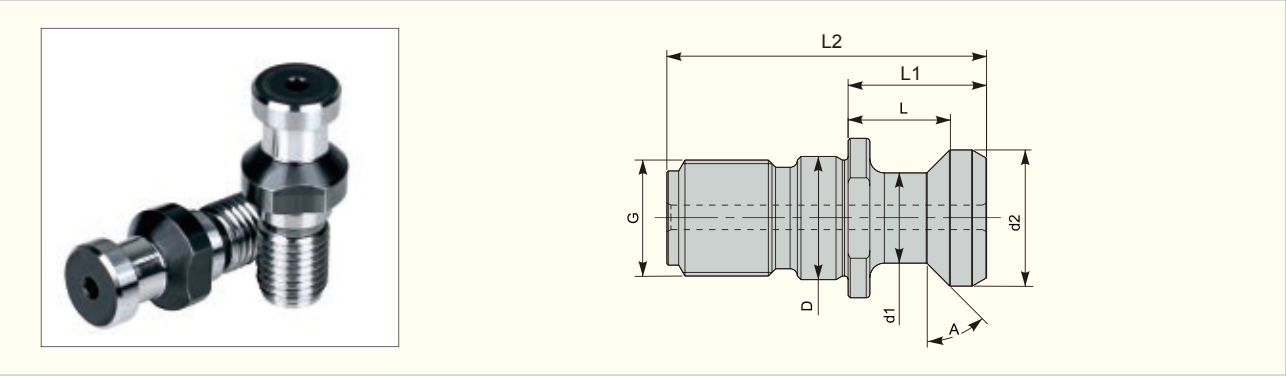


规格型号 Designation	尺寸 (mm) Dimension								重量 (kg) Weight
	G	D	d1	d2	L	L1	L2	A	
PS SK30 45 ISO7388-B.C	M12	13	9.3	13.3	8.15	11.8	27	45°	0.04
PS SK40 45 ISO7388-B.C	M16	17	12.95	18.95	11.15	16.4	44.5	45°	0.07
PS SK50 45 ISO7388-B.C	M24	25	19.6	29.1	17.95	25.55	65.5	45°	0.22

- 型号尾部带有 .C 字样的表示带有冷孔。
- Code 'C' at the end of designation indicates internal coolant hole with pull stu

ACCESSORIES 附件

MAZAK-BT/JIS 6339

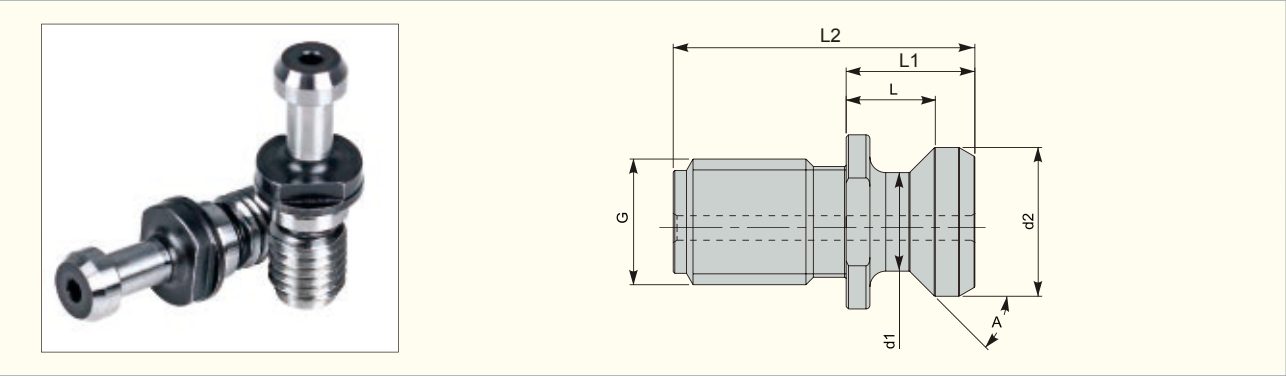


规格型号 Designation	尺寸 (mm) Dimension								重量 (kg) Weight
	G	D	d1	d2	L	L1	L2	A	
PS BT40 45 MAZAK.C	M16	17	12.45	18.8	14.02	19.1	44.1	45°	0.05
PS BT50 45 MAZAK.C	M24	25	20.83	29	17.7	25.2	65.2	45°	0.19
PS BT30 15 JIS B	M12	12.5	8	12	18.4	23.4	43	15°	0.04
PS BT40 15 JIS B	M16	17	14	19	23	29	54	15°	0.08
PS BT50 15 JIS B	M24	25	21	28	25	34	74	15°	0.25

- 型号尾部带有 .C 字样的表示带有冷孔。
- Code 'C' at the end of designation indicates internal coolant hole with pull stu

ANSI B5.50 标准

ANSI B5.50 Standard



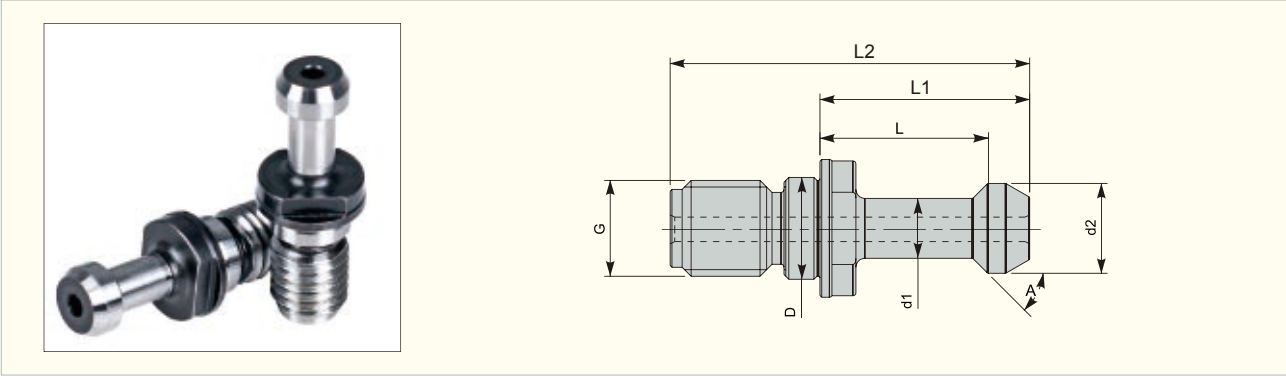
规格型号 Designation	尺寸 (mm) Dimension								重量 (kg) Weight
	G	D	d1	d2	L	L1	L2	A	
PS CAT30 45 ANSI	1/2"-13	-	0.385	0.52	0.32	0.46	1.1	45°	0.03
PS CAT30 45 ANSI.CI	1/2"-13	-	0.385	0.52	0.32	0.46	1.1	45°	0.03
PS CAT40 45 ANSI	5/8"-11	-	0.49	0.74	0.44	0.64	1.5	45°	0.04
PS CAT40 45 ANSI.CI	5/8"-11	-	0.49	0.74	0.44	0.64	1.5	45°	0.03
PS CAT50 45 ANSI	1"-8	-	0.82	1.14	0.7	1	2	45°	0.17
PS CAT50 45 ANSI.CI	1"-8	-	0.82	1.14	0.7	1	2	45°	0.15

- 型号尾部带有 .C 字样的表示带有冷孔。
- Code 'C' at the end of designation indicates internal coolant hole with pull stu

ACCESSORIES 附件

BT MAS 403 标准型拉钉

BT MAS 403 Standard Pull Stud

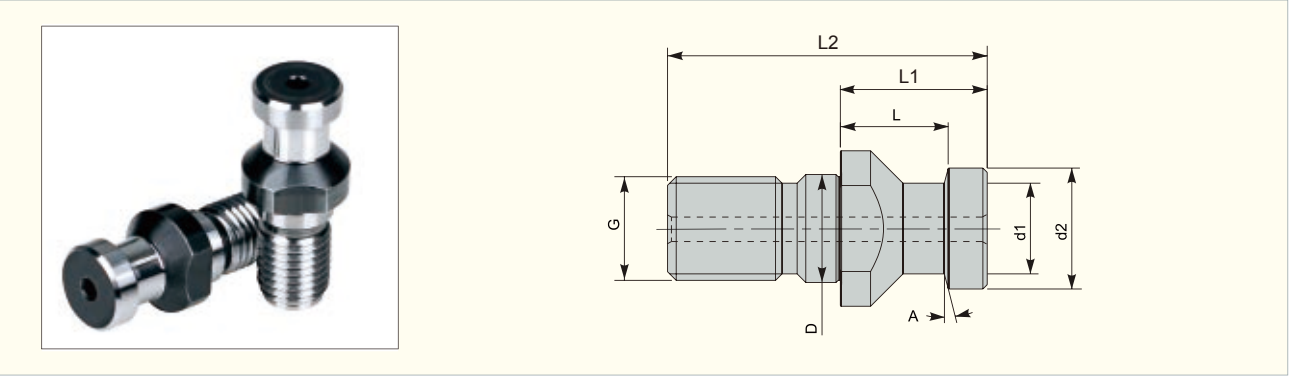


规格型号 Designation	尺寸 (mm) Dimension								重量 (kg) Weight
	G	D	d1	d2	L	L1	L2	A	
PS BT30 45 MAS1	M12	12.5	7	11	18	23	43	45°	0.04
PS BT30 45 MAS1.C	M12	12.5	7	11	18	23	43	45°	0.03
PS BT30 60 MAS2	M12	12.5	7	11	18	23	43	60°	0.04
PS BT30 60 MAS2.C	M12	12.5	7	11	18	23	43	60°	0.03
PS BT30 90 MAS3	M12	12.5	7	11	18	23	43	90°	0.04
PS BT30 90 MAS3.C	M12	12.5	7	11	18	23	43	90°	0.03
PS BT40 45 MAS1	M16	17	10	15	28	35	60	45°	0.09
PS BT40 45 MAS1.C	M16	17	10	15	28	35	60	45°	0.08
PS BT40 60 MAS2	M16	17	10	15	28	35	60	60°	0.09
PS BT40 60 MAS2.C	M16	17	10	15	28	35	60	60°	0.08
PS BT40 90 MAS3	M16	17	10	15	28	35	60	90°	0.09
PS BT40 90 MAS3.C	M16	17	10	15	28	35	60	90°	0.08
PS BT50 45 MAS1	M24	25	17	23	35	45	85	45°	0.28
PS BT50 45 MAS1.C	M24	25	17	23	35	45	85	45°	0.24
PS BT50 60 MAS2	M24	25	17	23	35	45	85	60°	0.28
PS BT50 60 MAS2.C	M24	25	17	23	35	45	85	60°	0.24
PS BT50 90 MAS3	M24	25	17	23	35	45	85	90°	0.28
PS BT50 90 MAS3.C	M24	25	17	23	35	45	85	90°	0.24

- 型号尾部带有 .C 字样的表示带有冷孔。
- Code 'C' at the end of designation indicates internal coolant hole with pull stu

ACCESSORIES 附件

DIN69872 标准
DIN69872 Standard

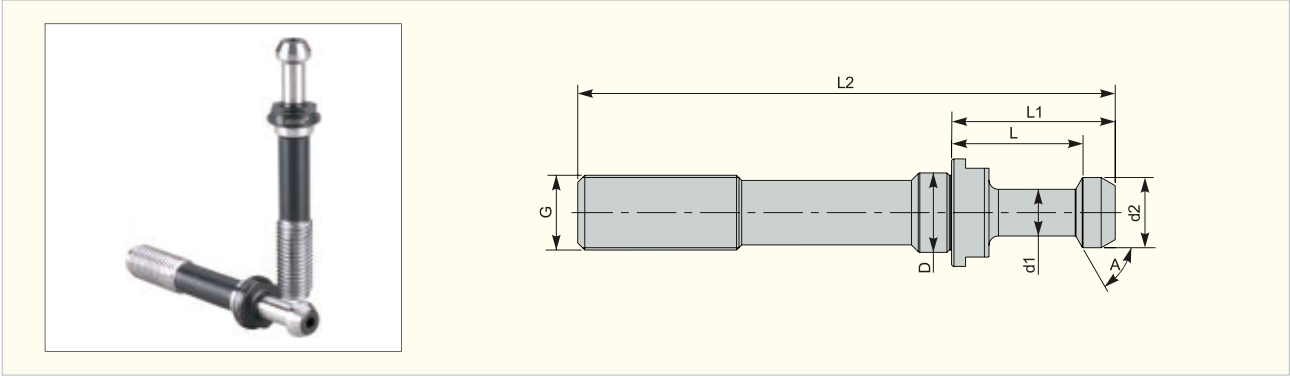


规格型号 Designation	尺寸 (mm) Dimension								重量 (kg) Weight
	G	D	d1	d2	L	L1	L2	A	
PS SK30 15 DIN69872	M12	13	9	13	19	24	44	15°	0.05
PS SK30 15 DIN69872.C	M12	13	9	13	19	24	44	15°	0.04
PS SK30 15 DIN69872.BC	M12	13	9	13	19	24	44	15°	0.04
PS SK40 15 DIN69872	M16	17	14	19	20	26	54	15°	0.07
PS SK40 15 DIN69872.C	M16	17	14	19	20	26	54	15°	0.06
PS SK40 15 DIN69872.BC	M16	17	14	19	20	26	54	15°	0.06
PS SK50 15 DIN69872	M24	25	21	28	25	34	74	15°	0.28
PS SK50 15 DIN69872.C	M24	25	21	28	25	34	74	15°	0.21
PS SK50 15 DIN69872.BC	M24	25	21	28	25	34	74	15°	0.21
PS SK60 15 DIN69872	M30	32	30	40	30	40	90	15°	0.52
PS SK60 15 DIN69872.C	M30	32	30	40	30	40	90	15°	0.5
PS SK60 15 DIN69872.BC	M30	32	30	40	30	40	90	15°	0.5

- 型号尾部带有 .C 字样的表示带有冷孔。
- 型号尾部带有 .BC 字样的表示带有内冷孔以及密封圈
- Code 'C' at the end of designation indicates internal coolant hole with pull stud.
- Code 'BC' at the end of designation indicates internal coolant hole and sealing ring with pull stud.

ACCESSORIES 附件

MTB 刀柄用拉钉
Pull Stud for MTB Adaptor

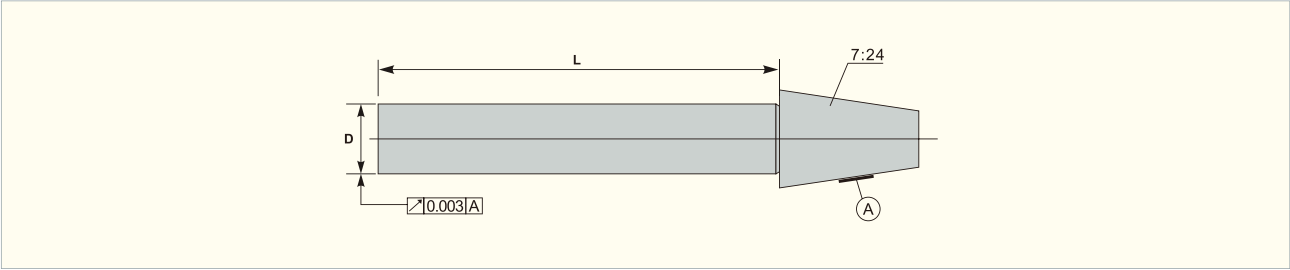


规格型号 Designation	尺寸 (mm) Dimension								重量 (kg) Weight
	G	D	d1	d2	L	L1	L2	A	
PS BT40 45 MAS1.MTB4	M16	17	10	15	28	35	115	45°	0.15
PS BT40 45 MAS1.MTB4.C	M16	17	10	15	28	35	115	45°	0.15
PS BT40 60 MAS2.MTB4	M16	17	10	15	28	35	115	60°	0.15
PS BT40 60 MAS2.MTB4.C	M16	17	10	15	28	35	115	60°	0.15
PS BT40 90 MAS3.MTB4	M16	17	10	15	28	35	115	90°	0.15
PS BT40 90 MAS3.MTB4.C	M16	17	10	15	28	35	115	90°	0.15
PS BT50 45 MAS1.MTB5	M20	25	17	23	35	45	170	45°	0.47
PS BT50 45 MAS1.MTB5.C	M20	25	17	23	35	45	170	45°	0.47
PS BT50 60 MAS2.MTB5	M20	25	17	23	35	45	170	60°	0.47
PS BT50 60 MAS2.MTB5.C	M20	25	17	23	35	45	170	60°	0.47
PS BT50 60 MAS3.MTB5	M20	25	17	23	35	45	170	90°	0.47
PS BT50 60 MAS3.MTB5.C	M20	25	17	23	35	45	170	90°	0.47
PS BT40 15 DIN69872.MTB4	M16	17	14	19	20	26	116	75°	0.44
PS BT40 15 DIN69872.MTB4.C	M16	17	14	19	20	26	116	75°	0.44
PS BT40 15 DIN69872.MTB4.BC	M16	17	14	19	20	26	116	75°	0.44
PS BT50 15 DIN69872.MTB5	M20	25	21	28	25	34	116	75°	0.44
PS BT50 15 DIN69872.MTB5.C	M20	25	21	28	25	34	116	75°	0.44
PS BT50 15 DIN69872.MTB5.BC	M20	25	21	28	25	34	116	75°	0.44

- 型号尾部带有 .C 字样的表示带有冷孔。
- 型号尾部带有 .BC 字样的表示带有内冷孔以及密封圈
- Code 'C' at the end of designation indicates internal coolant hole with pull stud.
- Code 'BC' at the end of designation indicates internal coolant hole and sealing ring with pull stud.

标准测量棒

Standard Measuring Bar



规格型号 Designation	D	L	精度 Precisuon
ISO30 TSB230	30	230	0.003
ISO40 TSB300	40	300	0.003
ISO50 TSB300	50	300	0.003

ACCESSORIES 附件

寻边器
Edge Sensor

光电式寻边器
Electronic Edge Sensor



规格型号 Designation	柄径 Shank diameter	总长度 Total length	测头 Probe
SOE-20S	20	120	Φ10

机械偏心式寻边器
Mechanical Edge Sensor



规格型号 Designation	柄径 Shank diameter	总长度 Total length	测头 Probe
SME-610	10	65	Φ6

- 转速选择 S400-S600rpm
- Rotated speed is S400-S600rpm

ACCESSORIES 附件

Z 轴设定器
Z-Axial Setter

光电式 Z 轴设定器
Electronic Z-Axial Setter



规格 Designation	形式 Style	总长度 Chief height
ZOP-50	光电式 Electronic	50

机械式 Z 轴设定器
Mechanical Z-Axial Setter



规格 Designation	形式 Style	总长度 Chief height
SD GD008	机械式 Mechanical	50

ACCESSORIES 附件

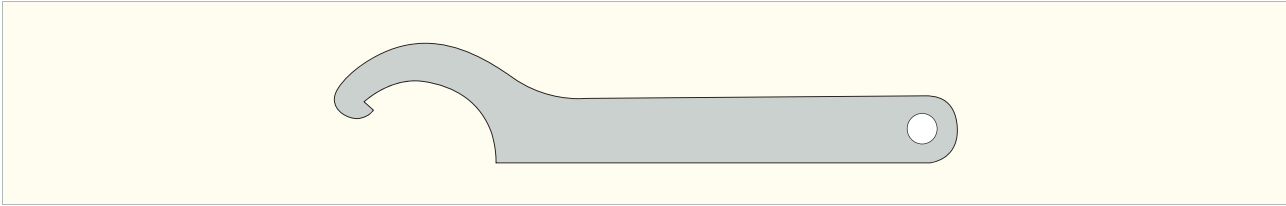
主轴清洁棒
Spindle Taper Cleaner



规格 Designation	斜度 Slant angle	重量 Weight	规格（羊毛皮） Specification(woolfell)
W30	ISO30	0.03	W30S
W40	ISO40	0.04	W40S
W50	ISO50	0.07	W50S
W63	HSK A63	0.1	W63S
W100	HSK A100	0.15	W100S

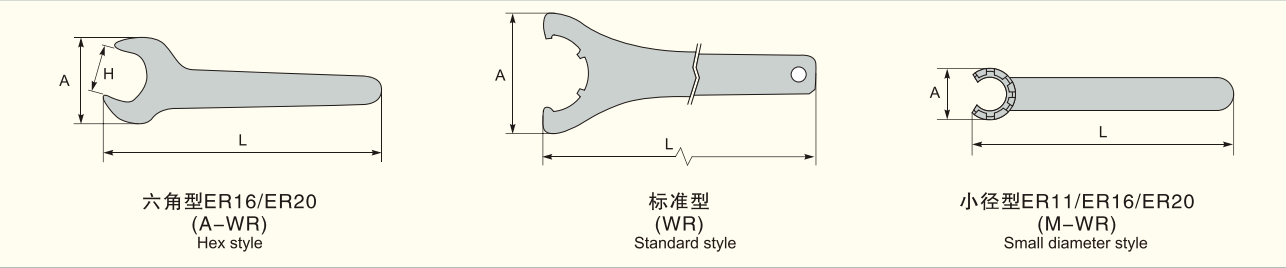
ACCESSORIES 附件

强力夹头刀柄专用钩形扳手
Wrench for Power Chuck Adaptor



规格 Designation	适用刀柄 Adaptor
SD C20 WR	DMG20
SD C32 WR	DMG32

ER 扳手
ER Wrench



形式 Style	规格型号 Designation	A	H	L
标准型 WR Standard style	SDER 25-WR	70	-	207
	SDER 32-WR	78	-	255
	SDER 40-WR	95	-	285
六角型 (A-WR) Hex style	SDER 16-A-WR	42	25	143
	SDER 20-A-WR	54	30	172
小径型 (M-WR) Small diameter style	SDER 11-M-WR	16.8	-	95
	SDER 16-M-WR	22.5	-	117
	SDER 20-M-WR	28	-	128
	SDER 25-M-WR	36	-	130

立卧两用锁刀座（图 A）
Assembly Device-Figure A



图 A

规格 Designation	适用刀柄 Adaptor
SDZ-BT30	BT30
SDZ-BT40	BT40
SDZ-BT50	BT50
SDZ-DIN69871 30	DIN69871 30
SDZ-DIN69871 40	DIN69871 40
SDZ-DIN69871 50	DIN69871 50
SDZ-HSK A63	HSK A63
SDZ-HSK A100	HSK A100

刀具管理车（图 B）
Trolley for Tools-Figure B



图 B

规格 Designation	适用刀柄 Adaptor	储存刀柄数量 Amount
TOOLS-ISO30x36	BT30/DIN69871 30	36
TOOLS-ISO40x28	BT40/DIN69871 40	28
TOOLS-ISO50x20	BT50/DIN69871 50	20