

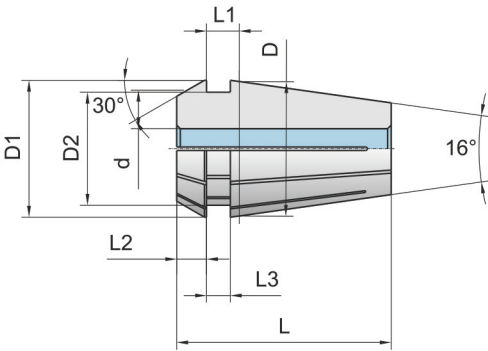
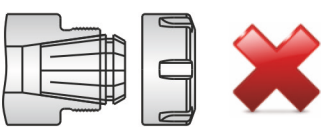


ER卡簧 ER Collet

正确刀具安装 Correct way to install



错误刀具安装 wrong way to install

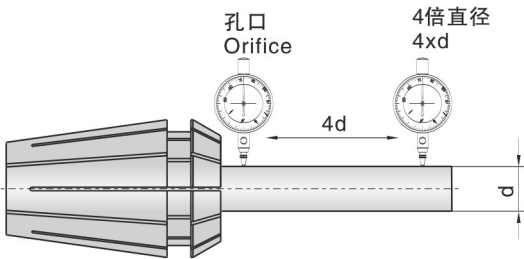


型 号 type	D	L	件数/套 Qty/set	d
ER11	11.5	18	13	1 1.5 2 2.5 3 3.5 4 4.5 5 5.5 6 6.5 7
			9	3 3.5 4 4.5 5 5.5 6 6.5 7
ER16	17	27	10	1 2 3 4 5 6 7 8 9 10
			8	3 4 5 6 7 8 9 10
ER20	21	31	12	2 3 4 5 6 7 8 9 10 11 12 13
			10	4 5 6 7 8 9 10 11 12 13
ER25	26	35	15	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
			8	4 5 6 8 10 12 14 16
ER32	33	40	18	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
			10	4 5 6 8 10 12 14 16 18 20
ER40	41	46	23	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26
			10	4 5 6 8 10 12 14 16 18 20 22 25 26

D

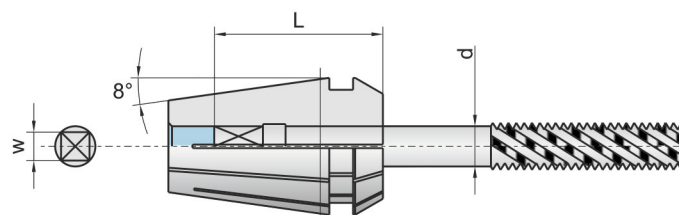
ER卡簧 ER Collet

夹持精度 Clamping accuracy



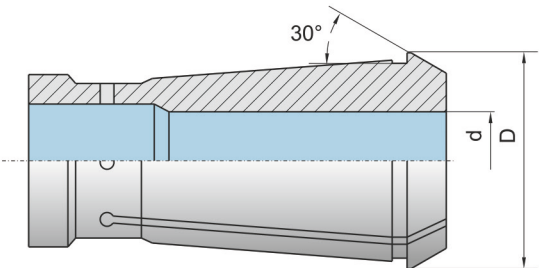
夹持直径 Clamping diameter	径向跳动Radial jump		
	一般精度 Ordinary accuracy	高精度A high accuracy	精密级P micron
1.0~1.4	0.015	0.01	0.005
1.5~2.9	0.015	0.01	0.005
3.0~5.9	0.015	0.01	0.005
6.0~9.9	0.015	0.01	0.005
10.0~17.9	0.02	0.01	0.005
18.0~26.9	0.02	0.01	0.005
27.0~34.0	0.02	0.01	0.005

型号Type											
ER11		ER16		ER20		ER25		ER32		ER40	
规格 Specification	夹持范围 (mm) Clamping range	规格 Specification	夹持范围 (mm) Clamping range	规格 Specification	夹持范围 (mm) Clamping range	规格 Specification	夹持范围 (mm) Clamping range	规格 Specification	夹持范围 (mm) Clamping range	规格 Specification	夹持范围 (mm) Clamping range
ER11-1	1.0-0.5	ER16-1	1.0-0.5	ER20-2	2.0-1.0	ER25-2	2.0-1.0	ER32-3	3.0-2.0	ER40-4	4.0-3.0
ER11-1.5	1.5-1.0	ER16-2	2.0-1.0	ER20-3	3.0-2.0	ER25-3	3.0-2.0	ER32-4	4.0-3.0	ER40-5	5.0-4.0
ER11-2	2.0-1.5	ER16-3	3.0-2.0	ER20-4	4.0-3.0	ER25-4	4.0-3.0	ER32-5	5.0-4.0	ER40-6	6.0-5.0
ER11-2.5	2.5-2.0	ER16-4	4.0-3.0	ER20-5	5.0-4.0	ER25-5	5.0-4.0	ER32-6	6.0-5.0	ER40-7	7.0-6.0
ER11-3	3.0-2.5	ER16-5	5.0-4.0	ER20-6	6.0-5.0	ER25-6	6.0-5.0	ER32-7	7.0-6.0	ER40-8	8.0-7.0
ER11-3.5	3.5-3.0	ER16-6	6.0-5.0	ER20-7	7.0-6.0	ER25-7	7.0-6.0	ER32-8	8.0-7.0	ER40-9	9.0-8.0
ER11-4	4.0-3.5	ER16-7	7.0-6.0	ER20-8	8.0-7.0	ER25-8	8.0-7.0	ER32-9	9.0-8.0	ER40-10	10.0-9.0
ER11-4.5	4.5-4.0	ER16-8	8.0-7.0	ER20-9	9.0-8.0	ER25-9	9.0-8.0	ER32-10	10.0-9.0	ER40-11	11.0-10.0
ER11-5	5.0-4.5	ER16-9	9.0-8.0	ER20-10	10.0-9.0	ER25-10	10.0-9.0	ER32-11	11.0-10.0	ER40-12	12.0-11.0
ER11-5.5	5.5-5.0	ER16-10	10.0-9.0	ER20-11	11.0-10.0	ER25-11	11.0-10.0	ER32-12	12.0-11.0	ER40-13	13.0-12.0
ER11-6	6.0-5.5			ER20-12	12.0-11.0	ER25-12	12.0-11.0	ER32-13	13.0-12.0	ER40-14	14.0-13.0
ER11-6.5	6.5-6.0			ER20-13	13.0-12.0	ER25-13	13.0-12.0	ER32-14	14.0-13.0	ER40-15	15.0-14.0
ER11-7	7.0-6.5					ER25-14	14.0-13.0	ER32-15	15.0-14.0	ER40-16	16.0-15.0
						ER25-15	15.0-14.0	ER32-16	16.0-15.0	ER40-17	17.0-16.0
						ER25-16	16.0-15.0	ER32-17	17.0-16.0	ER40-18	18.0-17.0
								ER32-18	18.0-17.0	ER40-19	19.0-18.0
								ER32-19	19.0-18.0	ER40-20	20.0-19.0
								ER32-20	20.0-19.0	ER40-21	21.0-20.0
										ER40-22	22.0-21.0
										ER40-23	23.0-22.0
										ER40-24	24.0-23.0
										ER40-25	25.0-24.0
										ER40-26	26.0-25.0



型号type						d	W	L	丝锥标准Tap standard	
ER16	ER20	ER25	ER32	ER40	ER50				ISO	JIS
ER16-2.24-B1.8	ER20-2.24-B.18	ER25-2.24-B.18	ER32-2.24-B.18	ER40-2.24-B.18	-	2.24	1.8	15	M3	
ER16-2.5-B2	ER20-2.5-B2	ER25-2.5-B2	ER32-2.5-B2	ER40-2.5-B2	-	2.5	2		M3.5	
ER16-3-B2.5	ER20-3-B2.5	ER25-3-B2.5	ER32-3-B2.5	ER40-3-B2.5	-	3	2.5			M2
ER16-3.15-B2.5	ER20-3.15-B2.5	ER25-3.15-B2.5	ER32-3.15-B2.5	ER40-3.15-B2.5	-	3.15	2.5		M3,M4	
ER16-3.55-B2.8	ER20-3.55-B2.8	ER25-3.55-B2.8	ER32-3.55-B2.8	ER40-3.55-B2.8	-	3.55	2.8		M3.5,M4.5	
ER16-4-B3.1	ER20-4-B3.1	ER25-4-B3.1	ER32-4-B3.1	ER40-4-B3.1	-	4	3.1	18		M3
ER16-4-B3.15	ER20-4-B3.15	ER25-4-B3.15	ER32-4-B3.15	ER40-4-B3.15	-	4	3.15		M4,M5	
ER16-4.5-B3.55	ER20-4.5-B3.55	ER25-4.5-B3.55	ER32-4.5-B3.55	ER40-4.5-B3.55	-	4.5	3.55		M6	
ER16-5-B4	ER20-5-B4	ER25-5-B4	ER32-5-B4	ER40-5-B4	-	5	4		M5	M4,M4.5
ER16-5.5-B4.5	ER20-5.5-B4.5	ER25-5.5-B4.5	ER32-5.5-B4.5	ER40-5.5-B4.5	-	5.5	4.5			M5,M5.5
ER16-6-B4.5	ER20-6-B4.5	ER25-6-B4.5	ER32-6-B4.5	ER40-6-B4.5	ER50-6-B4.5	6	4.5	22		M6
ER16-6.2-B5	ER20-6.2-B5	ER25-6.2-B5	ER32-6.2-B5	ER40-6.2-B5	ER50-6.2-B5	6.2	5			M6,M8
ER16-6.3-B5	ER20-6.3-B5	ER25-6.3-B5	ER32-6.3-B5	ER40-6.3-B5	ER50-6.3-B5	6.3	5		M6,M8	
ER16-7-B5.5	ER20-7-B5.5	ER25-7-B5.5	ER32-7-B5.5	ER40-7-B5.5	ER50-7-B5.5	7	5.5			M9,M10
ER16-8-B6	ER20-8-B6	ER25-8-B6	ER32-8-B6	ER40-8-B6	ER50-8-B6	8	6			M11
ER16-8-B6.3	ER20-8-B6.3	ER25-8-B6.3	ER32-8-B6.3	ER40-8-B6.3	ER50-8-B6.3	8	6.3	25	M8,M10	
ER16-8.5-B6.5	ER20-8.5-B6.5	ER25-8.5-B6.5	ER32-8.5-B6.5	ER40-8.5-B6.5	ER50-8.5-B6.5	8.5	6.5			M12
ER16-9-B7.1	ER20-9-B7.1	ER25-9-B7.1	ER32-9-B7.1	ER40-9-B7.1	ER50-9-B7.1	9	7.1		M12	
ER16-10-B8	ER20-10-B8	ER25-10-B8	ER32-10-B8	ER40-10-B8	ER50-10-B8	10	8		M10	
	ER20-10.5-B8	ER25-10.5-B8	ER32-10.5-B8	ER40-10.5-B8	ER50-10.5-B8	10.5	8			M14,M15
	ER20-11.2-B9	ER25-11.2-B9	ER32-11.2-B9	ER40-11.2-B9	ER50-11.2-B9	11.2	9	28	M14	
	ER20-12.5-B10	ER25-12.5-B10	ER32-12.5-B10	ER40-12.5-B10	ER50-12.5-B10	12.5	10		M16	M16
	ER20-13-B10	ER25-13-B10	ER32-13-B10	ER40-13-B10	ER50-13-B10	13	10			M17
		ER25-14-B11	ER32-14-B11	ER40-14-B11	ER50-14-B11	14	11			M18
		ER25-14-B11.2	ER32-14-B11.2	ER40-14-B11.2	ER50-14-B11.2	14	11.2		M18,M20	
		ER25-15-B12	ER32-15-B12	ER40-15-B12	ER50-15-B12	15	12	33		M20
		ER25-16-B12.5	ER32-16-B12.5	ER40-16-B12.5	ER50-16-B12.5	16	12.5		M22	
			ER32-17-B13	ER40-17-B13	ER50-17-B13	17	13			M22
			ER32-18-B14	ER40-18-B14	ER50-18-B14	18	14		M24	
			ER32-19-B15	ER40-19-B15	ER50-19-B15	19	15			M24,M25
			ER32-20-B15	ER40-20-B15		20	15	40		M26,M27
					ER50-20-B15	20	15			M26,M27
					ER50-21-B17	21	17			M28
					ER50-22.4-B18	22.4	18		M33	
					ER50-23-B17	23	17			M30
					ER50-25-B19	25	19			M33
					ER50-25-B20	25	20		M36	
					ER50-28-B21	28	21			M36

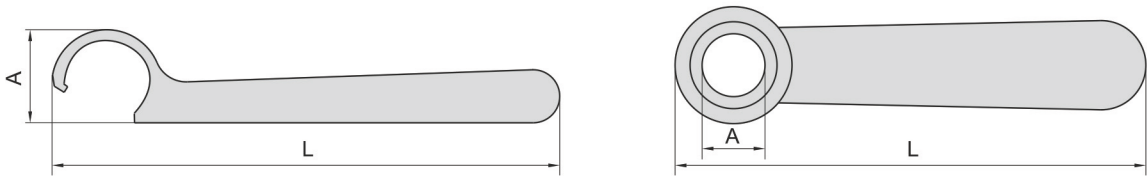
LT卡簧 LT Collet



型号 Type	D	常用d Ordinary	L
LT06	12.1	2、3、4、5、6	19
LT08	15.1	3、4、6、8	25
LT10	17.3	3、4、6、8、10	30
LT16	26.4	4、6、8、10、12、16	30
LT20	31	8、10、12、16、20	23
LT25	33.3	12、16、20、25	27

型号 Type	D	常用d Ordinary	L
LT06	12.1	2.5、3.2、3.3、3.5、4.2、4.5、5.5	40.6
LT10	17.3	2、5、7、9 2.5、3.2、3.3、3.5、4.2、4.5、5.2、5.5、6.2、6.35、6.5、6.8、7.94、8.5、10.3	46.5
LT16	26.4	5、9、11、13、14、6、10.3、12.5	60
LT25	33.33	8、10、11、13、14、15、17、18、19、21、22、23、24	70

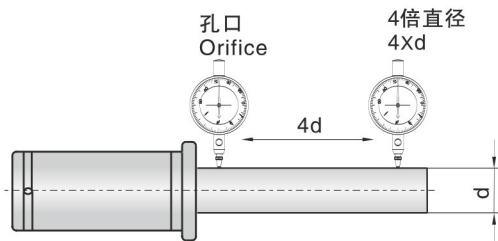
LT扳手 LT Wrench



型号 Type	安装形式 Model	L	A
LTB06	A	160	20
LTB08	A	170	25
LTB10	A	200	35
LTB10-S	A	180	30
LTB10	B	190	36
LTB16	B	235	43.5
LTB20	B	250	45
LTB25	B	259	47



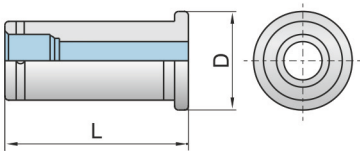
强力夹头刀柄卡簧 Power Chuck Collet



夹持精度Clamping accuracy

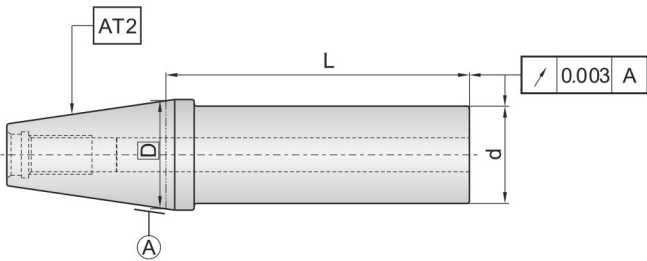
夹持直径 Clamping diameter	径向跳动 Radial jump		
	一般精度General accuracy	高精度A High precision A	精密级P Precision grade P
<10	0.01	0.005	-
10~20	0.01	0.005	-
>20	0.01	0.005	-

D



普通卡簧 Common Spring	夹持范围 Clamping range	尺寸Diameter	
		D	L
C20	6,8,10,12,16	26	55.1
C25	6,8,10,12,16,20	30	63
C32	4,5,6,8,10,12,14,16,18,20,25	38	70
C42	6,8,10,12,16,20,25,32	48	75

BT测试棒 BT Test Rod



型 号 Type	锥柄型式 Taper type	尺 寸(mm) Dimension			重量 (kg) Weight 
		D	d	L	
30-D30-250	30	44.45	30	250	1.50
40-D35-300	40	57.15	35	300	2.90
50-D40-350	50	69.85	40	350	5.80

●库存 stock item
○准库存 under preparing for stock