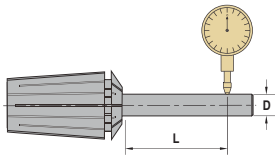


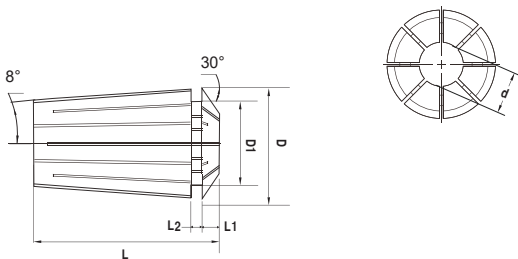
ER DIN6499(ISO115488)

COLLET 筒夹

ER COLLET RUNOUT

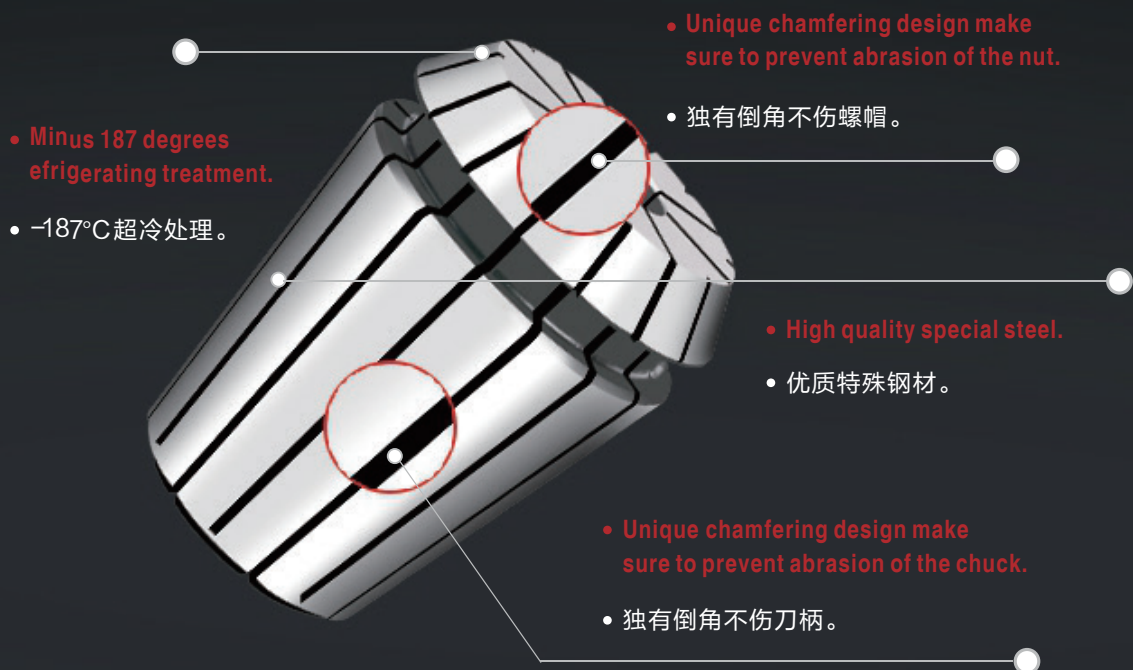


- RUNOUT(AA) ≤ 8μm ● 跳准精度(AA) ≤ 8 μ m
- RUNOUT(UP) ≤ 5μm ● 跳准精度(UP) ≤ 5 μ m



- RRust on collets reduces the lifetime of your tools and leads to significant loss of precision. Therefore, we have now developed INSIGHTProtect: A pioneering new technology which protects collets from corrosion in the long term.
- 夹头生锈会缩短工具和导线的使用寿命并会很大程度上影响精度。因此，我们开创了insight protect技术：在长期腐蚀下可以很好保护夹头。

订货编号 Order NO.	D	D1	L	L1	L2
ER08	8.50	6.50	13.50	1.50	1.20
ER11	11.50	9.50	18.00	2.50	2.00
ER16	17.00	12.80	27.50	4.00	2.70
ER20	21.00	17.40	31.50	4.80	2.80
ER25	26.00	22.00	34.00	5.00	3.10
ER32	33.00	29.20	40.00	5.50	3.60



订货编号 Order NO.	夹持范围 Range(d)	允许夹持范围 Allow the clamping Quantity
ER08	1~5	0.5/0.1
ER11	1~7	
ER16	1~10	
ER20	1~13	
ER25	1~16	
ER32	1~20	

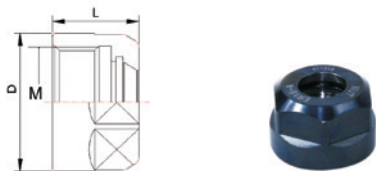
Test conditions 检测条件		Beat accuracy 跳动精度	
D	L	AA	UP
1.0~1.4	6.00	0.008	0.005
1.5~2.9	10.00	0.008	0.005
3.0~5.9	16.00	0.008	0.005
6.0~9.9	25.00	0.008	0.005
10.0~17.9	40.00	0.008	0.005
18.0~26.9	50.00	0.008	0.005

● When ordering please indicate the precision grade “AA” “UP”

● 订购时请注明精度等级 “AA” “UP”

A/AS-Type nut

A/AS型螺帽



订货编号 Order NO.	D	L	M
ER8A	12	10.8	M10*0.75
ER11A	19	0.8	M14*0.75
ER16A	28	18.0	M22*1.5
ER20A	34	19.1	M25*1.5
ER11AS	19	0.8	M13*0.75
ER16AS	28	18	M19*1.0
ER20AS	34	19.1	M24*1.0

M-Type nut

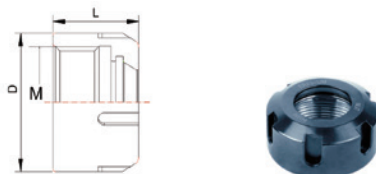
M型螺帽



订货编号 Order NO.	D	L	M
ER8M	12	10.8	M10*0.75
ER11M	19	0.8	M14*0.75
ER16M	28	18.0	M22*1.5
ER20M	34	19.1	M25*1.5

UM-Type nut

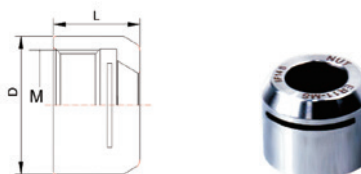
UM型螺帽



订货编号 Order NO.	D	L	M
ER25UM	42	20	M32*1.5
ER32UM	50	23.5	M40*1.5

MS-Type nut

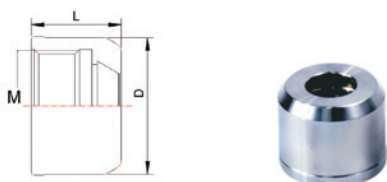
MS型螺帽



订货编号 Order NO.	D	L	M
ER11MS	16	12 / 15	M13*0.75
ER16MS	22	19.0	M19*1.0
ER20MS	28	20	M24*1.0

GER-Type nut

GER型螺帽

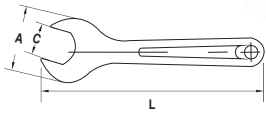


订货编号 Order NO.	D	L	M
GER11	19.5	13	M14*0.75
GER16	27.5 / 30	18.0	M22*1.5
GER20	34 / 35	19	M25*1.5
GER25	40 / 42	20	M32*1.5
GER32	50	23.5	M40*1.5

SPANNER 扳手

Nut Wrench A-Type

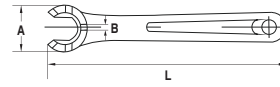
A型螺母扳手



Order Code 订购编号	A	C	L	Applicable Nut 适用螺母
ER11A	37	17	125	ER11-A
ER16A	50	25	168	ER16-A
ER20A	56	30	182	ER20-A

Nut Wrench M-Type

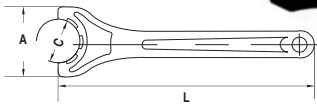
M型螺母扳手



Order Code 订购编号	A	B	L	Applicable Nut 适用螺母
ER8M	12	2.5	77	ER8M
ER11M	16	2.5	97	ER11M
ER16M	22	4	118	ER16M
ER20M	28	4.5	128	ER20M
ER25M	36	4.5	140	ER25M

Nut Wrench UM-Type

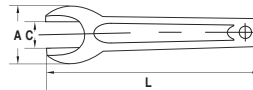
UM型螺母扳手



Order Code 订购编号	A	C	L	Applicable Nut 适用螺母
ER25UM	63	37	210	ER25UM
ER32UM	73	45	250	ER32UM
ER40UM	90	58	290	ER40UM

Nut Wrench MS-Type

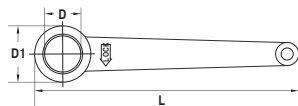
MS型螺母扳手



Order Code 订购编号	A	C	L	Applicable Nut 适用螺母
ER11MS	22	10	100	ER11-MS
ER16MS	34	15	135	ER16-MS
ER20MS	45	18	160	ER20-MS
ER25MS	60	23	180	ER25-MS

Bearing Wrench

轴承扳手



订货编号 Order NO.	D	D1	L	Applicable Nut 适用螺母
GER11-W19.5	19.5	34	140	ER11
GER16-W27.5	27.5	45.0	160	ER16
GER20-W35	35	54	210	ER20
GER25-W40	40	60	240	ER25
GER32-W50	60	72	270	ER32