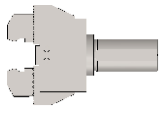




Accessories for Precision Tool Holders & Tapping Chucks

INDEX

Sr. No.	Contents		Page No.
1	Revolving Centre		207-208
2	Bar Puller		209-211
3	Precision Keyless Drill Chuck & Arbor (DIN 228 B)		212
4	ER Nuts & Spanners • ER Series Nuts for Collet Chucks • ER Series Spanners Collet Chucks • ER Series Sealed Nuts	  	213-214 215-216 217-218
5	Sealing Disc for ER Series Sealed Nuts		219-226
6	Accessories for HSK Holders • Coolant Tube for HSK-A • Spanner for HSK-A • Sealing Plug for HSK-A	  	227
7	Heat Shrink Machine		228

INDEX

Sr. No.	Contents		Page No.
8	Collets • Collet ER (DIN 6499) • Tap Collet ER-G • Collet DMC • Reduction Sleeve (RS) • Quick Change Tap Collet with only Expansion (ERT)	   	229-235 236-240 241 242 243-251
9	Quick Change Tap Adaptor • KWE • KWEK • KWES.. / B • KWESK.. / B • KWRE	    	253-262 263-266 267-284 285-288 289
10	Technical Information • Tap Shank Dimensions (ISO 529 / DIN / ANSI) • Recommended Torque Values		290 291-292
11	Pull Studs BT / ISO / MAZAK / SK		293-295



Revolving Centre

▣ Features :

- Three bearings construction Life long lubricated with special grease Isoflex NBU15
- Operator friendly design for dismantling & assembling. The user can change the bearings after long use or wear within few hours, all details are shown in schematic drawing.
- Easy to replace centres of standard angle to, 30 degrees angle to pipe centre.
- Main body & sleeve hardened & ground.

▣ Available In Mounting :

- MT3 Revolving Centre with Internal MT1 Taper
- MT4 Revolving Centre with Internal MT2 Taper
- MT5 Revolving Centre with Internal MT3 Taper

▣ Maximum Permissible RPM :

- For MT3 Revolving Centre : 3000 RPM
- For MT4 Revolving Center : 3000 RPM
- For MT5 Revolving Centre : 3000 RMP

▣ Axial Load :

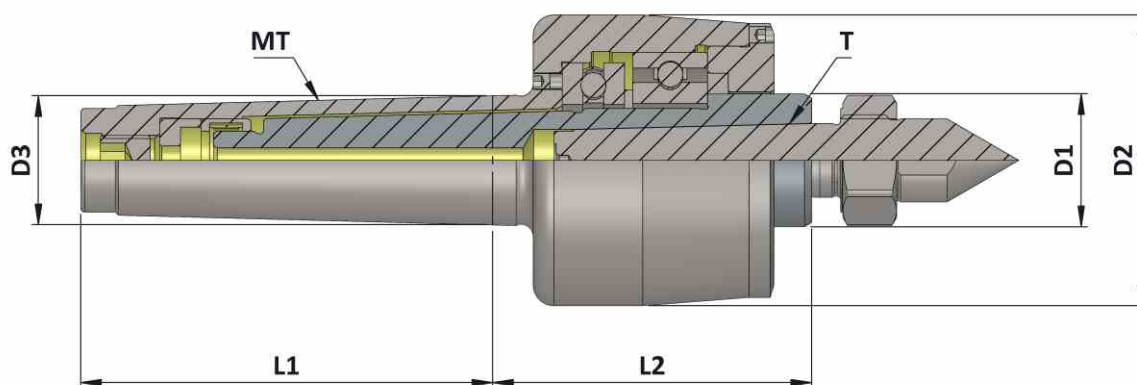
Admissible axial load at 1000 RPM for,

- MT3 Revolving Centre = 260 daN
- MT4 Revolving Centre = 450 daN
- MT5 Revolving Centre = 695 daN

▣ Accuracy :

On master mandrell within 0.010 MM MAX.

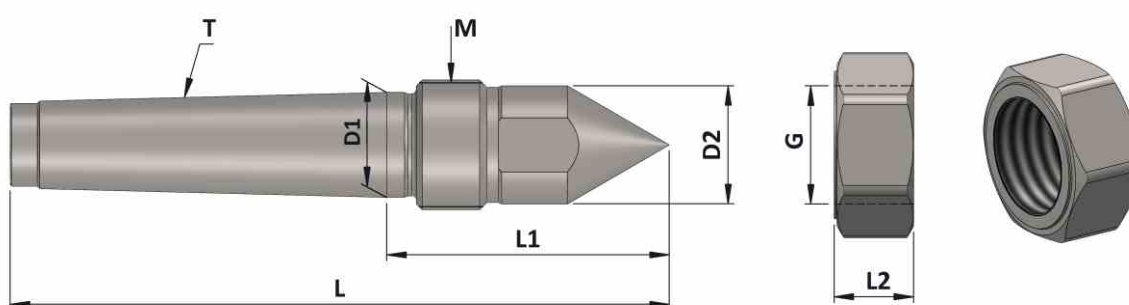




Revolving Centre

Item Name	Item Code	D1	D2	D3	T	L1	L2
MT 3 REVOLVING CENTRE WITH INTERNAL MT1 TAPER	K10142290306127	25	60	23.85	MT 1	81	60
MT 4 REVOLVING CENTRE WITH INTERNAL MT2 TAPER	K10143290303127	32	70	31.27	MT 2	102.5	73.5
MT 5 REVOLVING CENTRE WITH INTERNAL MT3 TAPER	K10144290299127	40	87.5	44.40	MT 3	129.5	94

Centre for Revolving Center with Extractor



Item Name	Item Code	D1	D2	T	M / G	L	L1	L2
CENTRE MT 1	K10147364301127	12.07	17.5	MT 1	M16 X 1.5p	100	48	15.5
CENTRE MT 2	K10147365301127	17.78	20	MT 2	M22 x 1.5p	112	48	15.5
CENTRE MT 3	K10147366301127	23.85	24	MT 3	M27 x 1.5p	138	57	17.5

Note: All Dimensions are in mm



Bar Puller

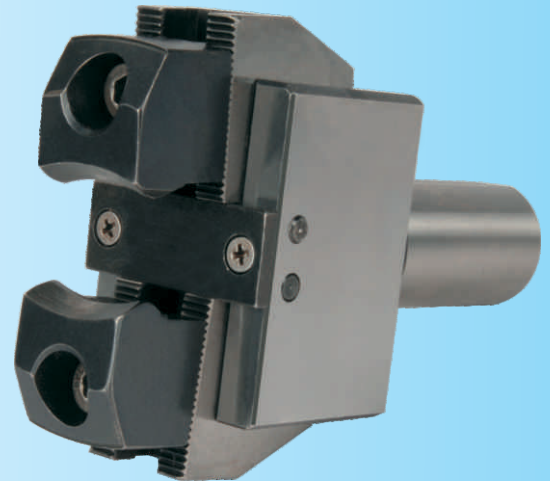
▣ Features :

- 'KTA' Bar Puller is unique with bar pulling capacity from 6.0 mm to 50.0 mm.
- This occupies only one station in the Turret.
- This is very good for small to medium sizes batch production.
- In many cases you can avoid bar feeders which occupies lot of space.
- Most suitable for CNC Lathes; CNC Turn-Mill Centers.

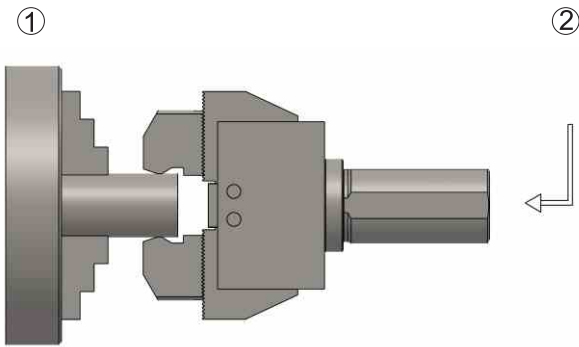
▣ Available In Mountings :

Standard Cylindrical Dia. 20, 25, 32 & 40 mm
(As per Din 1835 B+E)
(VDI & spl mounting on request).

- Please go through the schematic diagram which shows the simplicity of the holder function.

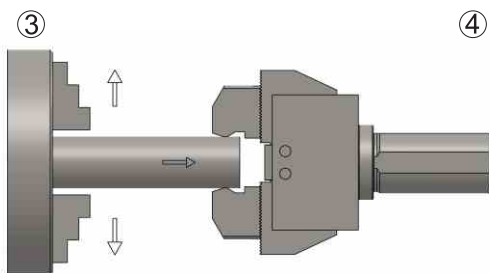


Operating Manual For Bar Puller



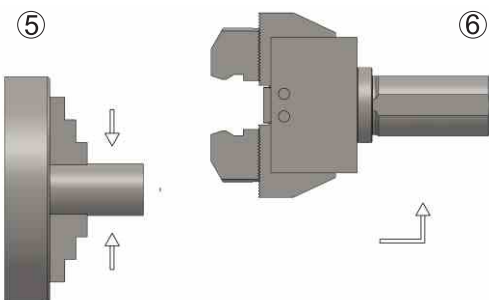
1) The self-centering chuck stops.

2) After positioning the jaws, 3 to 5 mm less than the size of the bar diameter then clamp the bar.



3) The self-centering chuck opens.

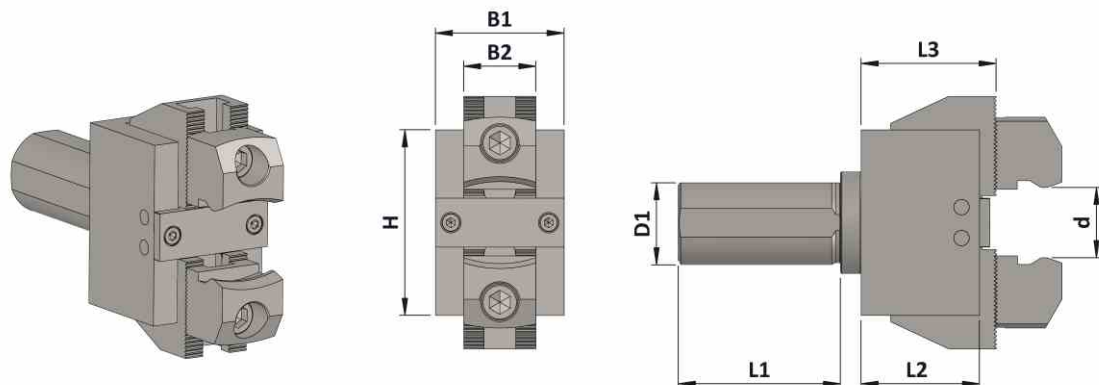
4) The bar puller pulls the bar.



5) The self-centering chuck holds the bar.

6) The bar puller comes out.

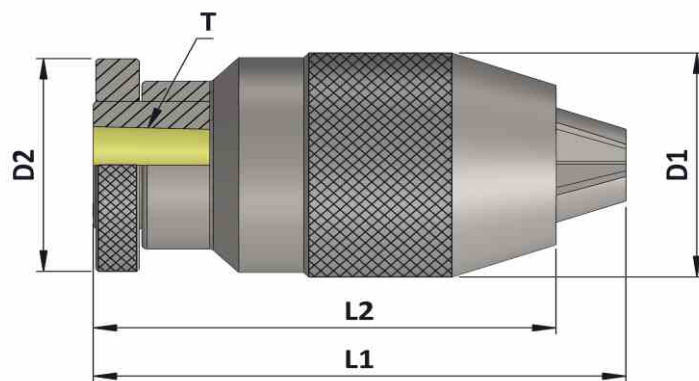
7) The job cycle continue.



Bar Puller (For CNC Lathes)

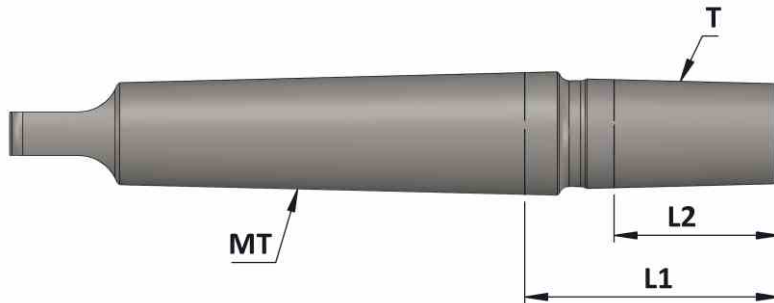
Item Name	Item Code	d	D1	B1	B2	H	L1	L2	L3
DIA25 BAR PULLER	K10161367301127	6 - 50	25	50	28	72	55	46	51
DIA32 BAR PULLER	K10162367301127	6 - 50	32	50	28	72	55	46	51

Note: All Dimensions are in mm



Precision Key Less Drill Chuck

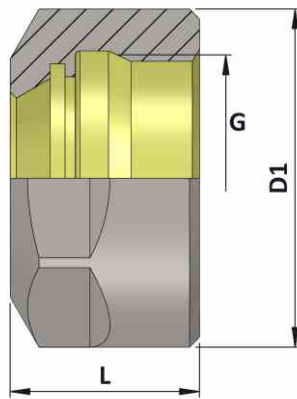
Item Name	Item Code	D1	D2	T	L1	L2
DC 0 - 6.5 B12	K10150246301127	34	34	B12	68	61.5
DC 0 - 6.5 J1	K10150247301127	34	34	J1	68	61.5
DC 0 - 6.5 J2a	K10150248301127	34	34	J2a	68	61.5
DC 1 - 13 B16	K10151249301127	50	48	B16	103	90.5
DC 1 - 13 J6	K10151160301127	50	48	J6	103	90.5



Precision Arbor (DIN 228 B)

Item Name	Item Code	T	Morse Tapre (MT)	L1	L2
ARBOR MT1B J1	K10198496318127	J1	MT 1	27.7	16.7
ARBOR MT2B J1	K10198373318127	J1	MT 2	29.5	16.7
ARBOR MT2B J2a	K10198373518127	J2a	MT 2	29	19
ARBOR MT2B J6	K10198373319127	J6	MT 2	38.5	25.4
ARBOR MT3B J6	K10198374319127	J6	MT 3	39	25.4
ARBOR MT4B J6	K10198375319127	J6	MT 4	40.5	25.4
ARBOR MT5B J6	K10198376319127	J6	MT 5	40.8	25.4

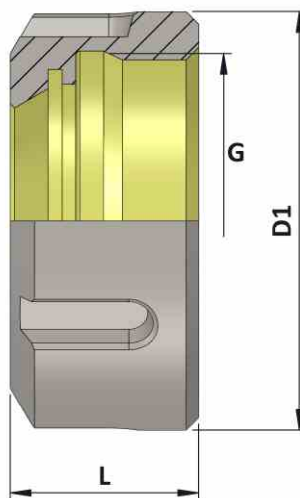
Note: All Dimensions are in mm



Hex. Nut ER

Item Name	Item Code	D1	G	L	Suitable Spanner
UM ER 11 HEX	K10183273271139	19	M14 x 0.75p	11.3	GS 17
UM ER 16 HEX	K10183273272139	28	M22 x 1.50p	17.5	GS 25
UM ER 20 HEX	K10183150541127	34	M25 x 1.50 p	19	GS 30

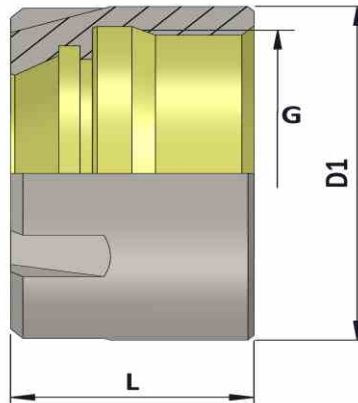
UM ER Slotted Nut



UM ER Slotted Nut

Item Name	Item Code	D1	G	L	Suitable Spanner
UM ER 16 SLOTTED	K10183273272134	32	M22 x 1.5 p	17.5	E16
UM ER 20 SLOTTED	K10183273273134	35	M25 x 1.5 p	19	E20
UM ER 25 SLOTTED	K10183273274134	42	M32 x 1.5 p	20	E25
UM ER 32 SLOTTED	K10183273275134	50	M40 x 1.5 p	22.3	E32
UM ER 40 SLOTTED	K10183273276134	63	M50 x 1.5 p	25.3	E40
UM ER 50 SLOTTED	K10183273277134	78	M64 x 2 p	35.3	E50

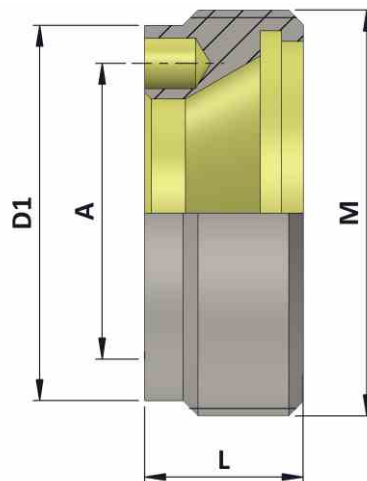
Note: All Dimensions are in mm



UM ER M Slotted Nut

Item Name	Item Code	D1	G	L	Suitable Spanner
UM ER 8 M	K10183273270136	12	M10 x 0.75 p	10.8	E8M
UM ER 11 M	K10183273271136	16	M13 x 0.75 p	11.3	E11M
UM ER 16 M	K10183273272136	22	M19 x 1.0 p	17	E16M
UM ER 20 M	K10183273273136	28	M24 x 1.0 p	19	E20M
UM ER 25 M	K10183273274136	35	M30 x 1.0 p	20	E25M

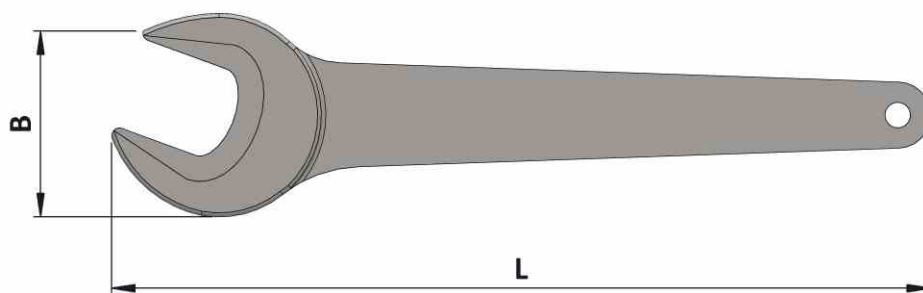
UM ER A Nut



UM ER A Nut

Item Name	Item Code	D1	A	M	L	Suitable Spanner
UM ER 25 A	K10183243301127	29.5	23.6	M32 x 1.5 p	12.5	E25A
UM ER 32 A	K10183244301127	37	31.85	M40 x 1.5 p	18.5	E32A

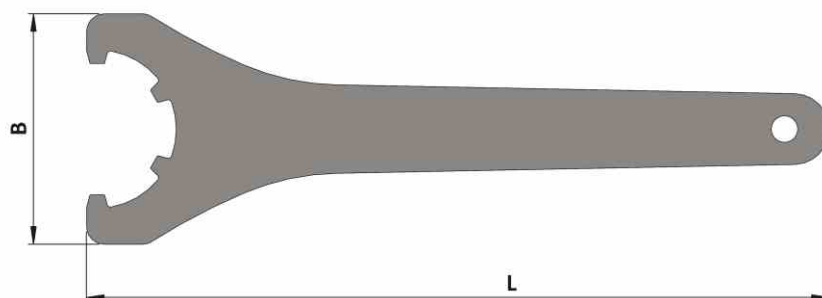
Note: All Dimensions are in mm



Spanner Type GS

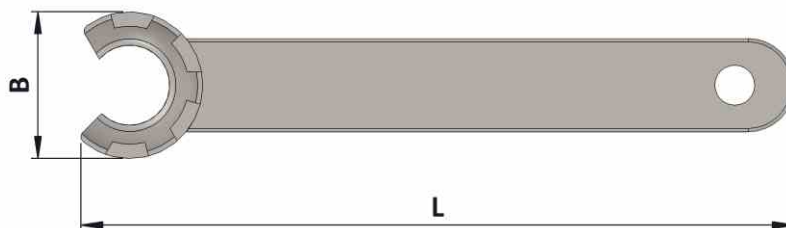
Item Name	Item Code	B	L	Suitable Nut
SPANNER GS 17	K10184361301127	36	155	UM/ER11
SPANNER GS 25	K10184362301127	50	218	UM/ER16
SPANNER GS 30	K10184363301127	63	265	UM/ER20

Spanner Type (E)



Item Name	Item Code	B	L	Suitable Nut
SPANNER E16	K10184355301127	50	160	UM/ER16
SPANNER E20	K10184356301127	55	180	UM/ER20
SPANNER E25	K10184357301127	65	210	UM/ER25
SPANNER E32	K10184358301127	75	250	UM/ER32
SPANNER E40	K10184359301127	90	290	UM/ER40
SPANNER E50	K10184360301127	110	350	UM/ER50

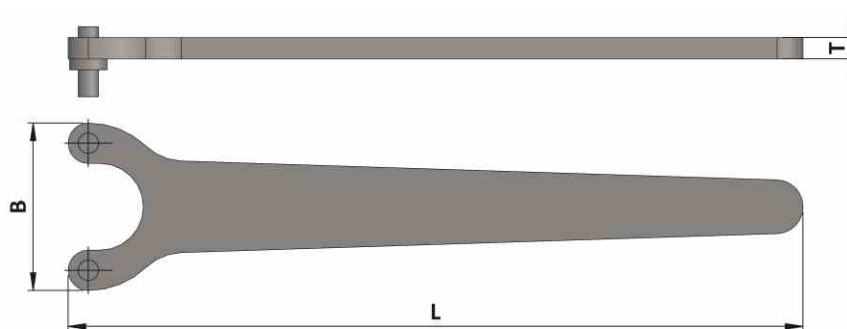
Note: All Dimensions are in mm



Spanner Type (EM) (Mini)

Item Name	Item Code	B	L	Suitable Nut
SPANNER E 8M	K10184398301127	12.4	70	UM/ER8M
SPANNER E11M	K10184399301127	16.8	90	UM/ER11M
SPANNER E16M	K10184400301127	22.5	110	UM/ER16M
SPANNER E20M	K10184401301127	29	120	UM/ER20M
SPANNER E25M	K10184402301127	36	130	UM/ER25M

Spanner Type (ER A)



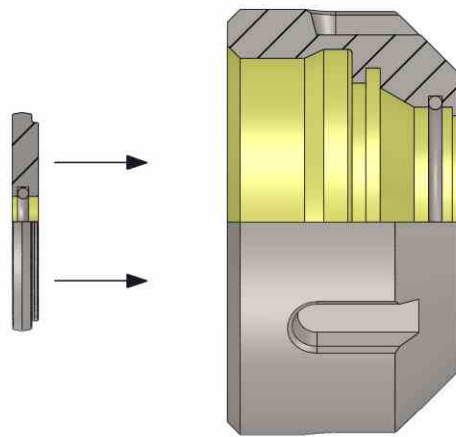
Spanner Type (ER A)

Item Name	Item Code	T	B	L	Suitable Nut
SPANNER E25 A	K10184487301127	4	31	130	UM/ER25A
SPANNER E32 A	K10184488301127	5	42	150	UM/ER32A

Note: All Dimensions are in mm



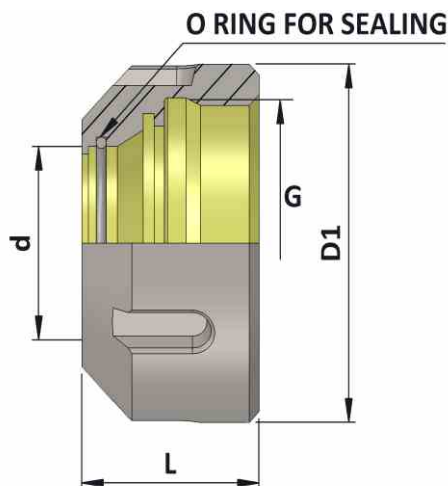
Technical Information : For Sealing Disc & Sealed Nut



Technical Information :

Sealing Nuts along with Sealing Disc has a compact design with very short extension of clamping nuts which gives the following benefits.

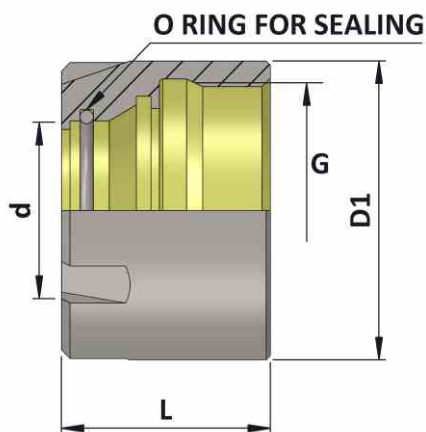
- 1) It protects against all kind of dirt and chips entering the slots of the collet.
- 2) Coolant through tools can be used, which gives improved cooling and lubrication of tools and hence increases the tool life.
- 3) Improved chip removal.
- 4) Sealing Disc are available from $\varnothing 3.0$ mm in range of 0.5mm. Hence easy changing of Sealing Disk according to required application.
- 5) No need of expensive sealed collets. Regular collets are best suitable.



UM ER Sealed Nut

Item Name	Item Code	d	D1	G	L	Suitable Spanner
UM ER 16 S	K10183273272135	13	32	M22 x 1.5 p	22.5	E16
UM ER 20 S	K10183273273135	16	35	M25 x 1.5 p	24	E20
UM ER 25 S	K10183273274135	21	42	M32 x 1.5 p	25	E25
UM ER 32 S	K10183273275135	27	50	M40 x 1.5 p	27.5	E32
UM ER 40 S	K10183273276135	33.5	63	M50 x 1.5 p	30.5	E40
UM ER 50 S	K10183273277135	43.5	78	M64 x 2 p	42.4	E50

UM ER M Sealed Nut



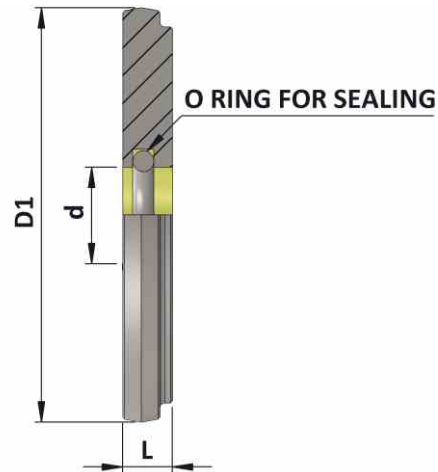
UM ER M Sealed Nut

Item Name	Item Code	d	D1	G	L	Suitable Spanner
UM ER 16 MS	K10183273272137	13	22	M19 x 1.0 p	22	E16M
UM ER 20 MS	K10183273273137	16	28	M24 x 1.0 p	24	E20M
UM ER 25 MS	K10183273274137	21	35	M30 x 1.0 p	25	E25M

Note: All Dimensions are in mm

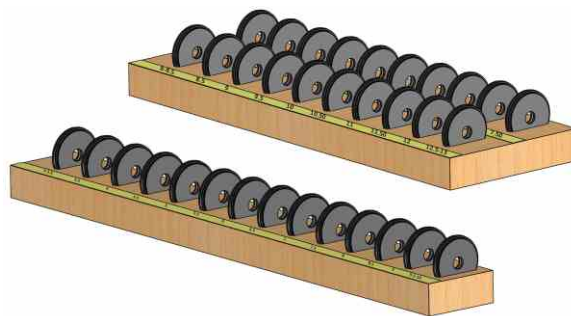


Sealing Disc Technical Information



Technical Information

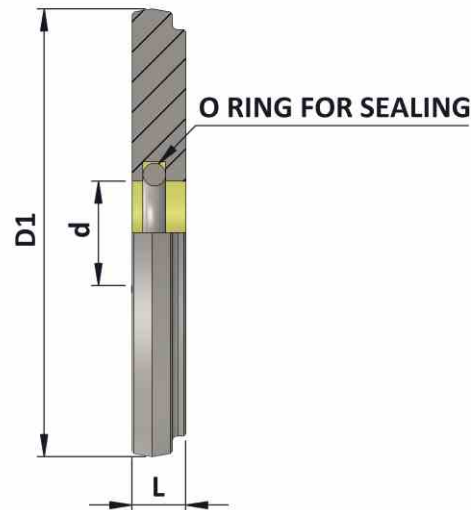
Item Name	D1	Holding Rang (d)	L
SEALING DISC ER 16	13	3.0 - 10	4
SEALING DISC ER 20	16	3.0 - 13	4
SEALING DISC ER 25	21	3.0 - 16	4
SEALING DISC ER 32	27	3.0 - 20	4
SEALING DISC ER 40	33	3.0 - 26	4
SEALING DISC ER 50	43.5	6 - 32.5	4.5



Set Of Sealing Disc

Item Name	Item Code	Clamping Range	PCS / SET
SET OF SEALING DISC ER 16 3.0 - 10MM	K10256149294127	3.0 - 10	14 Nos
SET OF SEALING DISC ER 20 3.0 - 13MM	K10256150295127	3.0 - 13	20 Nos
SET OF SEALING DISC ER 25 3.0 - 16MM	K10256151296127	3.0 - 16	26 Nos
SET OF SEALING DISC ER 32 3.0 - 20MM	K10256152297127	3.0 - 20	34 Nos
SET OF SEALING DISC ER 40 3.0 - 26MM	K10256153298127	3.0 - 26	46 Nos

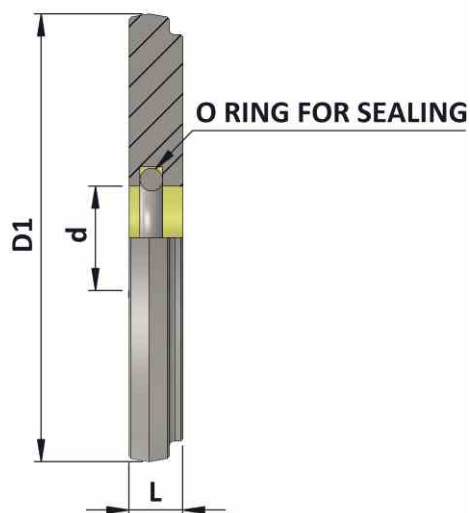
Note: All Dimensions are in mm



Sealing Disc ER 16

Item Name	Item Code	Suitable Nut	d	D1	L	'O' Ring Size
SEALING DISC ER 16 3.00 - 3.50	K10152149185127	ER 16 S / ER 16 MS	3.00 - 3.50	13	4	2.80X1.50
SEALING DISC ER 16 3.50 - 4.00	K10152149186127	ER 16 S / ER 16 MS	3.50 - 4.00	13	4	3.30X1.50
SEALING DISC ER 16 4.00 - 4.50	K10152149187127	ER 16 S / ER 16 MS	4.00 - 4.50	13	4	3.80X1.50
SEALING DISC ER 16 4.50 - 5.00	K10152149188127	ER 16 S / ER 16 MS	4.50 - 5.00	13	4	4.30X1.50
SEALING DISC ER 16 5.00 - 5.50	K10152149189127	ER 16 S / ER 16 MS	5.00 - 5.50	13	4	4.80X1.50
SEALING DISC ER 16 5.50 - 6.00	K10152149190127	ER 16 S / ER 16 MS	5.50 - 6.00	13	4	5.30X1.50
SEALING DISC ER 16 6.00 - 6.50	K10152149191127	ER 16 S / ER 16 MS	6.00 - 6.50	13	4	5.80X1.50
SEALING DISC ER 16 6.50 - 7.00	K10152149192127	ER 16 S / ER 16 MS	6.50 - 7.00	13	4	6.30X1.50
SEALING DISC ER 16 7.00 - 7.50	K10152149193127	ER 16 S / ER 16 MS	7.00 - 7.50	13	4	6.80X1.50
SEALING DISC ER 16 7.50 - 8.00	K10152149194127	ER 16 S / ER 16 MS	7.50 - 8.00	13	4	7.30X1.50
SEALING DISC ER 16 8.00 - 8.50	K10152149195127	ER 16 S / ER 16 MS	8.00 - 8.50	13	4	7.80X1.50
SEALING DISC ER 16 8.50 - 9.00	K10152149196127	ER 16 S / ER 16 MS	8.50 - 9.00	13	4	8.30X1.50
SEALING DISC ER 16 9.00 - 9.50	K10152149197127	ER 16 S / ER 16 MS	9.00 - 9.50	13	4	8.80X1.0
SEALING DISC ER 16 9.50 - 10.00	K10152149198127	ER 16 S / ER 16 MS	9.50 - 10.00	13	4	9.30X1.0

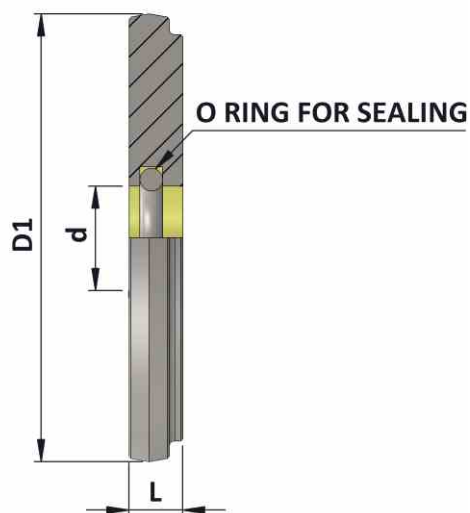
Note: All Dimensions are in mm



Sealing Disc ER 20

Item Name	Item Code	Suitable Nut	d	D1	L	'O' Ring Size
SEALING DISC ER 20 3.00 - 3.50	K10152150185127	ER 20 S / ER 20 MS	3.00 - 3.50	16	4	2.80X1.50
SEALING DISC ER 20 3.50 - 4.00	K10152150186127	ER 20 S / ER 20 MS	3.50 - 4.00	16	4	3.30X1.50
SEALING DISC ER 20 4.00 - 4.50	K10152150187127	ER 20 S / ER 20 MS	4.00 - 4.50	16	4	3.80X1.50
SEALING DISC ER 20 4.50 - 5.00	K10152150188127	ER 20 S / ER 20 MS	4.50 - 5.00	16	4	4.30X1.50
SEALING DISC ER 20 5.00 - 5.50	K10152150189127	ER 20 S / ER 20 MS	5.00 - 5.50	16	4	4.80X1.50
SEALING DISC ER 20 5.50 - 6.00	K10152150190127	ER 20 S / ER 20 MS	5.50 - 6.00	16	4	5.30X1.50
SEALING DISC ER 20 6.00 - 6.50	K10152150191127	ER 20 S / ER 20 MS	6.00 - 6.50	16	4	5.80X1.50
SEALING DISC ER 20 6.50 - 7.00	K10152150192127	ER 20 S / ER 20 MS	6.50 - 7.00	16	4	6.30X1.50
SEALING DISC ER 20 7.00 - 7.50	K10152150193127	ER 20 S / ER 20 MS	7.00 - 7.50	16	4	6.80X1.50
SEALING DISC ER 20 7.50 - 8.00	K10152150194127	ER 20 S / ER 20 MS	7.50 - 8.00	16	4	7.30X1.50
SEALING DISC ER 20 8.00 - 8.50	K10152150195127	ER 20 S / ER 20 MS	8.00 - 8.50	16	4	7.80X1.50
SEALING DISC ER 20 8.50 - 9.00	K10152150196127	ER 20 S / ER 20 MS	8.50 - 9.00	16	4	8.30X1.50
SEALING DISC ER 20 9.00 - 9.50	K10152150197127	ER 20 S / ER 20 MS	9.00 - 9.50	16	4	8.80X1.50
SEALING DISC ER 20 9.50 - 10.00	K10152150198127	ER 20 S / ER 20 MS	9.50 - 10.00	16	4	9.30X1.50
SEALING DISC ER 20 10.00 - 10.50	K10152150199127	ER 20 S / ER 20 MS	10.00 - 10.50	16	4	9.80X1.50
SEALING DISC ER 20 10.50 - 11.00	K10152150200127	ER 20 S / ER 20 MS	10.50 - 11.00	16	4	10.30X1.50
SEALING DISC ER 20 11.00 - 11.50	K10152150201127	ER 20 S / ER 20 MS	11.00 - 11.50	16	4	10.80X1.50
SEALING DISC ER 20 11.50 - 12.00	K10152150202127	ER 20 S / ER 20 MS	11.50 - 12.00	16	4	11.30X1.50
SEALING DISC ER 20 12.00 - 12.50	K10152150203127	ER 20 S / ER 20 MS	12.00 - 12.50	16	4	11.80X1.0
SEALING DISC ER 20 12.50 - 13.00	K10152150204127	ER 20 S / ER 20 MS	12.50 - 13.00	16	4	12.30X1.0

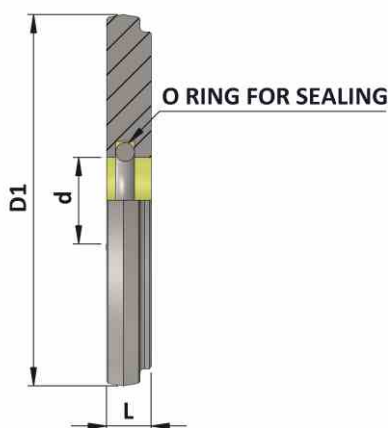
Note: All Dimensions are in mm



Sealing Disc ER 25

Item Name	Item Code	Suitable Nut	d	D1	L	'O' Ring Size
SEALING DISC ER 25 3.00 - 3.50	K10152151185127	ER 25 S / ER 25 MS	3.00 - 3.50	21	4	2.80X1.50
SEALING DISC ER 25 3.50 - 4.00	K10152151186127	ER 25 S / ER 25 MS	3.50 - 4.00	21	4	3.30X1.50
SEALING DISC ER 25 4.00 - 4.50	K10152151187127	ER 25 S / ER 25 MS	4.00 - 4.50	21	4	3.80X1.50
SEALING DISC ER 25 4.50 - 5.00	K10152151188127	ER 25 S / ER 25 MS	4.50 - 5.00	21	4	4.30X1.50
SEALING DISC ER 25 5.00 - 5.50	K10152151189127	ER 25 S / ER 25 MS	5.00 - 5.50	21	4	4.80X1.50
SEALING DISC ER 25 5.50 - 6.00	K10152151190127	ER 25 S / ER 25 MS	5.50 - 6.00	21	4	5.30X1.50
SEALING DISC ER 25 6.00 - 6.50	K10152151191127	ER 25 S / ER 25 MS	6.00 - 6.50	21	4	5.80X1.50
SEALING DISC ER 25 6.50 - 7.00	K10152151192127	ER 25 S / ER 25 MS	6.50 - 7.00	21	4	6.30X1.50
SEALING DISC ER 25 7.00 - 7.50	K10152151193127	ER 25 S / ER 25 MS	7.00 - 7.50	21	4	6.80X1.50
SEALING DISC ER 25 7.50 - 8.00	K10152151194127	ER 25 S / ER 25 MS	7.50 - 8.00	21	4	7.30X1.50
SEALING DISC ER 25 8.00 - 8.50	K10152151195127	ER 25 S / ER 25 MS	8.00 - 8.50	21	4	7.80X1.50
SEALING DISC ER 25 8.50 - 9.00	K10152151196127	ER 25 S / ER 25 MS	8.50 - 9.00	21	4	8.30X1.50
SEALING DISC ER 25 9.00 - 9.50	K10152151197127	ER 25 S / ER 25 MS	9.00 - 9.50	21	4	8.80X1.50
SEALING DISC ER 25 9.50 - 10.00	K10152151198127	ER 25 S / ER 25 MS	9.50 - 10.00	21	4	9.30X1.50
SEALING DISC ER 25 10.00 - 10.50	K10152151199127	ER 25 S / ER 25 MS	10.00 - 10.50	21	4	9.80X1.50
SEALING DISC ER 25 10.50 - 11.00	K10152151200127	ER 25 S / ER 25 MS	10.50 - 11.00	21	4	10.30X1.50
SEALING DISC ER 25 11.00 - 11.50	K10152151201127	ER 25 S / ER 25 MS	11.00 - 11.50	21	4	10.80X1.50
SEALING DISC ER 25 11.50 - 12.00	K10152151202127	ER 25 S / ER 25 MS	11.50 - 12.00	21	4	11.30X1.50
SEALING DISC ER 25 12.00 - 12.50	K10152151203127	ER 25 S / ER 25 MS	12.00 - 12.50	21	4	11.80X1.50
SEALING DISC ER 25 12.50 - 13.00	K10152151204127	ER 25 S / ER 25 MS	12.50 - 13.00	21	4	12.30X1.50
SEALING DISC ER 25 13.00 - 13.50	K10152151305127	ER 25 S / ER 25 MS	13.00 - 13.50	21	4	12.80X1.50
SEALING DISC ER 25 13.50 - 14.00	K10152151205127	ER 25 S / ER 25 MS	13.50 - 14.00	21	4	13.30X1.50
SEALING DISC ER 25 14.00 - 14.50	K10152151206127	ER 25 S / ER 25 MS	14.00 - 14.50	21	4	13.80X1.50
SEALING DISC ER 25 14.50 - 15.00	K10152151207127	ER 25 S / ER 25 MS	14.50 - 15.00	21	4	14.30X1.50
SEALING DISC ER 25 15.00 - 15.50	K10152151208127	ER 25 S / ER 25 MS	15.00 - 15.50	21	4	14.80X1.50
SEALING DISC ER 25 15.50 - 16.00	K10152151209127	ER 25 S / ER 25 MS	15.50 - 16.00	21	4	15.30X1.50

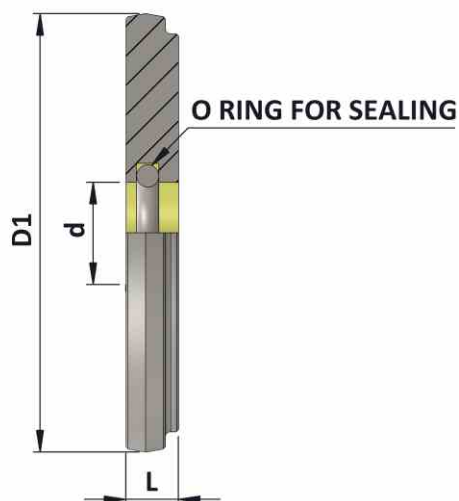
Note: All Dimensions are in mm



Sealing Disc ER 32

Item Name	Item Code	Suitable Nut	d	D1	L	'O' Ring Size
SEALING DISC ER 32 3.00 - 3.50	K10152152185127	ER 32 S	3.00 - 3.50	27	4	2.80X1.50
SEALING DISC ER 32 3.50 - 4.00	K10152152186127	ER 32 S	3.50 - 4.00	27	4	3.30X1.50
SEALING DISC ER 32 4.00 - 4.50	K10152152187127	ER 32 S	4.00 - 4.50	27	4	3.80X1.50
SEALING DISC ER 32 4.50 - 5.00	K10152152188127	ER 32 S	4.50 - 5.00	27	4	4.30X1.50
SEALING DISC ER 32 5.00 - 5.50	K10152152189127	ER 32 S	5.00 - 5.50	27	4	4.80X1.50
SEALING DISC ER 32 5.50 - 6.00	K10152152190127	ER 32 S	5.50 - 6.00	27	4	5.30X1.50
SEALING DISC ER 32 6.00 - 6.50	K10152152191127	ER 32 S	6.00 - 6.50	27	4	5.80x1.50
SEALING DISC ER 32 6.50 - 7.00	K10152152192127	ER 32 S	6.50 - 7.00	27	4	6.30x1.50
SEALING DISC ER 32 7.00 - 7.50	K10152152193127	ER 32 S	7.00 - 7.50	27	4	6.80x1.50
SEALING DISC ER 32 7.50 - 8.00	K10152152194127	ER 32 S	7.50 - 8.00	27	4	7.30X1.50
SEALING DISC ER 32 8.00 - 8.50	K10152152195127	ER 32 S	8.00 - 8.50	27	4	7.80X1.50
SEALING DISC ER 32 8.50 - 9.00	K10152152196127	ER 32 S	8.50 - 9.00	27	4	8.30X1.50
SEALING DISC ER 32 9.00 - 9.50	K10152152197127	ER 32 S	9.00 - 9.50	27	4	8.80X1.50
SEALING DISC ER 32 9.50 - 10.00	K10152152198127	ER 32 S	9.50 - 10.00	27	4	9.30X1.50
SEALING DISC ER 32 10.00 - 10.50	K10152152199127	ER 32 S	10.00 - 10.50	27	4	9.80X1.50
SEALING DISC ER 32 10.50 - 11.00	K10152152200127	ER 32 S	10.50 - 11.00	27	4	10.30X1.50
SEALING DISC ER 32 11.00 - 11.50	K10152152201127	ER 32 S	11.00 - 11.50	27	4	10.80X1.50
SEALING DISC ER 32 11.50 - 12.00	K1015215220212	ER 32 S	11.50 - 12.00	27	4	11.30X1.50
SEALING DISC ER 32 12.00 - 12.50	K10152152203127	ER 32 S	12.00 - 12.50	27	4	11.80X1.50
SEALING DISC ER 32 12.50 - 13.00	K10152152204127	ER 32 S	12.50 - 13.00	27	4	12.30X1.50
SEALING DISC ER 32 13.00 - 13.50	K10152152305127	ER 32 S	13.00 - 13.50	27	4	12.80X1.50
SEALING DISC ER 32 13.50 - 14.00	K10152152205127	ER 32 S	13.50 - 14.00	27	4	13.30X1.50
SEALING DISC ER 32 14.00 - 14.50	K10152152206127	ER 32 S	14.00 - 14.50	27	4	13.80X1.50
SEALING DISC ER 32 14.50 - 15.00	K10152152207127	ER 32 S	14.50 - 15.00	27	4	14.30X1.50
SEALING DISC ER 32 15.00 - 15.50	K10152152208127	ER 32 S	15.00 - 15.50	27	4	14.80X1.50
SEALING DISC ER 32 15.50 - 16.00	K10152152209127	ER 32 S	15.50 - 16.00	27	4	15.30X1.50
SEALING DISC ER 32 16.00 - 16.50	K10152152210127	ER 32 S	16.00 - 16.50	27	4	15.80X1.50
SEALING DISC ER 32 16.50 - 17.00	K10152152211127	ER 32 S	16.50 - 17.00	27	4	16.30X1.50
SEALING DISC ER 32 17.00 - 17.50	K10152152212127	ER 32 S	17.00 - 17.50	27	4	16.80X1.50
SEALING DISC ER 32 17.50 - 18.00	K10152152213127	ER 32 S	17.50 - 18.00	27	4	17.30X1.50
SEALING DISC ER 32 18.00 - 18.50	K10152152214127	ER 32 S	18.00 - 18.50	27	4	17.80X1.50
SEALING DISC ER 32 18.50 - 19.00	K10152152215127	ER 32 S	18.50 - 19.00	27	4	18.30X1.50
SEALING DISC ER 32 19.00 - 19.50	K10152152216127	ER 32 S	19.00 - 19.50	27	4	18.80X1.50
SEALING DISC ER 32 19.50 - 20.00	K10152152217127	ER 32 S	19.50 - 20.00	27	4	19.30X1.50

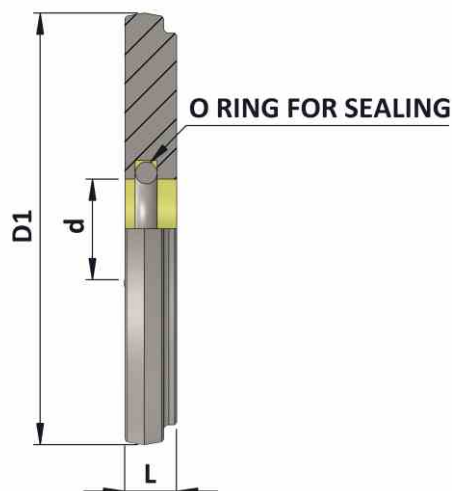
Note: All Dimensions are in mm



Sealing Disc ER 40

Item Name	Item Code	Suitable Nut	d	D1	L	'O' Ring Size
SEALING DISC ER 40 3.00 - 3.50	K10152153185127	ER 40 S	3.00 - 3.50	33	4	2.80X1.50
SEALING DISC ER 40 3.50 - 4.00	K10152153186127	ER 40 S	3.50 - 4.00	33	4	3.30X1.50
SEALING DISC ER 40 4.00 - 4.50	K10152153187127	ER 40 S	4.00 - 4.50	33	4	3.80X1.50
SEALING DISC ER 40 4.50 - 5.00	K10152153188127	ER 40 S	4.50 - 5.00	33	4	4.30X1.50
SEALING DISC ER 40 5.00 - 5.50	K10152153189127	ER 40 S	5.00 - 5.50	33	4	4.80X1.50
SEALING DISC ER 40 5.50 - 6.00	K10152153190127	ER 40 S	5.50 - 6.00	33	4	5.30X1.50
SEALING DISC ER 40 6.00 - 6.50	K10152153191127	ER 40 S	6.00 - 6.50	33	4	5.80X1.50
SEALING DISC ER 40 6.50 - 7.00	K10152153192127	ER 40 S	6.50 - 7.00	33	4	6.30X1.50
SEALING DISC ER 40 7.00 - 7.50	K10152153193127	ER 40 S	7.00 - 7.50	33	4	6.80X1.50
SEALING DISC ER 40 7.50 - 8.00	K10152153194127	ER 40 S	7.50 - 8.00	33	4	7.30X1.50
SEALING DISC ER 40 8.00 - 8.50	K10152153195127	ER 40 S	8.00 - 8.50	33	4	7.80X1.50
SEALING DISC ER 40 8.50 - 9.00	K10152153196127	ER 40 S	8.50 - 9.00	33	4	8.30X1.50
SEALING DISC ER 40 9.00 - 9.50	K10152153197127	ER 40 S	9.00 - 9.50	33	4	8.80X1.50
SEALING DISC ER 40 9.50 - 10.00	K10152153198127	ER 40 S	9.50 - 10.00	33	4	9.30X1.50
SEALING DISC ER 40 10.00 - 10.50	K10152153199127	ER 40 S	10.00 - 10.50	33	4	9.80X1.50
SEALING DISC ER 40 10.50 - 11.00	K10152153200127	ER 40 S	10.50 - 11.00	33	4	10.30X1.50
SEALING DISC ER 40 11.00 - 11.50	K10152153201127	ER 40 S	11.00 - 11.50	33	4	10.80X1.50
SEALING DISC ER 40 11.50 - 12.00	K10152153202127	ER 40 S	11.50 - 12.00	33	4	11.30X1.50
SEALING DISC ER 40 12.00 - 12.50	K10152153203127	ER 40 S	12.00 - 12.50	33	4	11.80X1.50
SEALING DISC ER 40 12.50 - 13.00	K10152153204127	ER 40 S	12.50 - 13.00	33	4	12.30X1.50
SEALING DISC ER 40 13.00 - 13.50	K10152153305127	ER 40 S	13.00 - 13.50	33	4	12.80X1.50
SEALING DISC ER 40 13.50 - 14.00	K10152153205127	ER 40 S	13.50 - 14.00	33	4	13.30X1.50
SEALING DISC ER 40 14.00 - 14.50	K10152153206127	ER 40 S	14.00 - 14.50	33	4	13.80X1.50
SEALING DISC ER 40 14.50 - 15.00	K10152153207127	ER 40 S	14.50 - 15.00	33	4	14.30X1.50
SEALING DISC ER 40 15.00 - 15.50	K10152153208127	ER 40 S	15.00 - 15.50	33	4	14.80X1.50
SEALING DISC ER 40 15.50 - 16.00	K10152153209127	ER 40 S	15.50 - 16.00	33	4	15.30X1.50
SEALING DISC ER 40 16.00 - 16.50	K10152153210127	ER 40 S	16.00 - 16.50	33	4	15.80X1.50
SEALING DISC ER 40 16.50 - 17.00	K10152153211127	ER 40 S	16.50 - 17.00	33	4	16.30X1.50

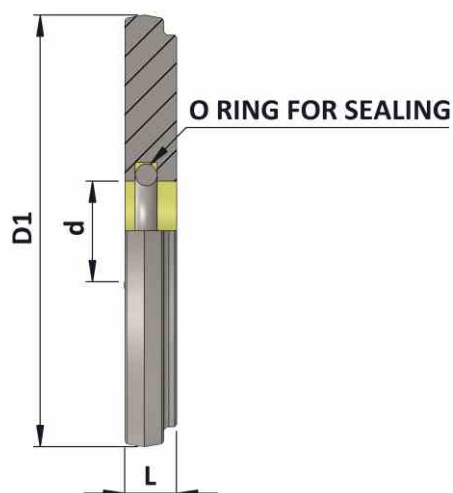
Note: All Dimensions are in mm



Sealing Disc ER 40

Item Name	Item Code	Suitable Nut	d	D1	L	'O' Ring Size
SEALING DISC ER 40 17.00 - 17.50	K10152153212127	ER 40 S	17.00 - 17.50	33	4	16.80X1.50
SEALING DISC ER 40 17.50 - 18.00	K10152153213127	ER 40 S	17.50 - 18.00	33	4	17.30X1.50
SEALING DISC ER 40 18.00 - 18.50	K10152153214127	ER 40 S	18.00 - 18.50	33	4	17.80X1.50
SEALING DISC ER 40 18.50 - 19.00	K10152153215127	ER 40 S	18.50 - 19.00	33	4	18.30X1.50
SEALING DISC ER 40 19.00 - 19.50	K10152153216127	ER 40 S	19.00 - 19.50	33	4	18.80X1.50
SEALING DISC ER 40 19.50 - 20.00	K10152153217127	ER 40 S	19.50 - 20.00	33	4	19.30X1.50
SEALING DISC ER 40 20.00 - 20.50	K10152153218127	ER 40 S	20.00 - 20.50	33	4	19.80X1.50
SEALING DISC ER 40 20.50 - 21.00	K10152153219127	ER 40 S	20.50 - 21.00	33	4	20.30X1.50
SEALING DISC ER 40 21.00 - 21.50	K10152153220127	ER 40 S	21.00 - 21.50	33	4	20.80X1.50
SEALING DISC ER 40 21.50 - 22.00	K10152153221127	ER 40 S	21.50 - 22.00	33	4	21.30X1.50
SEALING DISC ER 40 22.00 - 22.50	K10152153222127	ER 40 S	22.00 - 22.50	33	4	21.80X1.50
SEALING DISC ER 40 22.50 - 23.00	K10152153223127	ER 40 S	22.50 - 23.00	33	4	22.30X1.50
SEALING DISC ER 40 23.00 - 23.50	K10152153224127	ER 40 S	23.00 - 23.50	33	4	22.80X1.50
SEALING DISC ER 40 23.50 - 24.00	K10152153225127	ER 40 S	23.50 - 24.00	33	4	23.30X1.50
SEALING DISC ER 40 24.00 - 24.50	K10152153226127	ER 40 S	24.00 - 24.50	33	4	23.80X1.50
SEALING DISC ER 40 24.50 - 25.00	K10152153227127	ER 40 S	24.50 - 25.00	33	4	24.30X1.50
SEALING DISC ER 40 25.00 - 25.50	K10152153228127	ER 40 S	25.00 - 25.50	33	4	24.80X1.50
SEALING DISC ER 40 25.50 - 26.00	K10152153229127	ER 40 S	25.50 - 26.00	33	4	25.30X1.50

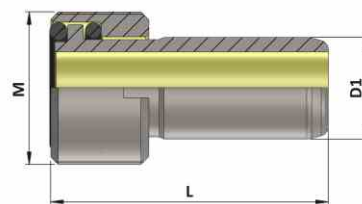
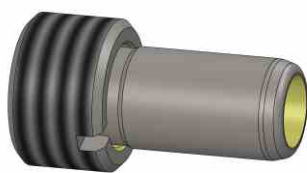
Note: All Dimensions are in mm



Sealing Disc ER 50

Item Name	Item Code	Suitable Nut	d	D1	L	'O' Ring Size
SEALING DISC ER 50 6.00 - 6.50	K10152154191127	ER 50 S	6.00 - 6.50	43.5	4.5	5.80X1.50
SEALING DISC ER 50 8.00 - 8.50	K10152154195127	ER 50 S	8.00 - 8.50	43.5	4.5	7.80X1.50
SEALING DISC ER 50 10.00 - 10.50	K10152154199127	ER 50 S	10.00 - 10.50	43.5	4.5	9.80X1.50
SEALING DISC ER 50 12.00 - 12.50	K10152154203127	ER 50 S	12.00 - 12.50	43.5	4.5	11.80X1.50
SEALING DISC ER 50 14.00 - 14.50	K10152154206127	ER 50 S	14.00 - 14.50	43.5	4.5	13.80X1.50
SEALING DISC ER 50 16.00 - 16.50	K10152154210127	ER 50 S	16.00 - 16.50	43.5	4.5	15.80X1.50
SEALING DISC ER 50 18.00 - 18.50	K10152154214127	ER 50 S	18.00 - 18.50	43.5	4.5	17.80X1.50
SEALING DISC ER 50 22.00 - 22.50	K10152154222127	ER 50 S	22.00 - 22.50	43.5	4.5	21.80X1.50
SEALING DISC ER 50 24.00 - 24.50	K10152154226127	ER 50 S	24.00 - 24.50	43.5	4.5	23.80X1.50
SEALING DISC ER 50 25.00 - 25.50	K10152154228127	ER 50 S	25.00 - 25.50	43.5	4.5	24.80X1.50
SEALING DISC ER 50 26.00 - 26.50	K10152154503127	ER 50 S	26.00 - 26.50	43.5	4.5	25.80X1.50
SEALING DISC ER 50 28.00 - 28.50	K10152154521127	ER 50 S	28.00 - 28.50	43.5	4.5	27.80X1.50
SEALING DISC ER 50 30.00 - 30.50	K10152154497127	ER 50 S	30.00 - 30.50	43.5	4.5	29.80X1.50
SEALING DISC ER 50 30.50 - 31.00	K10152154495127	ER 50 S	30.50 - 31.00	43.5	4.5	30.30x1.50
SEALING DISC ER 50 31.00 - 31.50	K10152154502127	ER 50 S	31.00 - 31.50	43.5	4.5	30.80X1.50
SEALING DISC ER 50 31.50 - 32.00	K10152154496127	ER 50 S	31.50 - 32.00	43.5	4.5	31.30X1.50
SEALING DISC ER 50 32.00 - 32.50	K10152154520127	ER 50 S	32.00 - 32.50	43.5	4.5	31.80X1.50

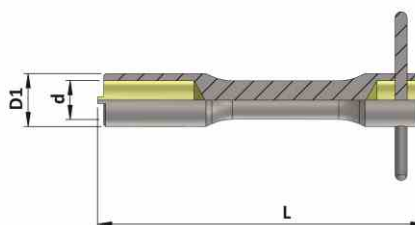
Note: All Dimensions are in mm



Coolant Tube

Item Name	Item Code	HSK-A	D1	M	L
HSK-A 50 COOLANT TUBE	K10166232301127	50	10	M16X1	33
HSK-A 63 COOLANT TUBE	K10167232301127	63	12	M18X1	34
HSK-A 100 COOLANT TUBE	K10168232301127	100	16	M24X1.5	44

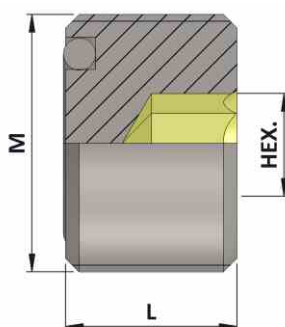
Spanner For HSK-A (DIN 69893-1) Coolant Tube



Spanner For HSK-A Coolant Tube

Item Name	Item Code	HSK-A	d	D1	L
HSK-A 50 COOLANT TUBE SPANNER	K10166233301127	50	10.5	14.5	90
HSK-A 63 COOLANT TUBE SPANNER	K10167233301127	63	12.2	16.5	136
HSK-A 100 COOLANT TUBE SPANNER	K10168233301127	100	16.2	22	136

HSK-A Sealing Plug



HSK-A Sealing Plug

Item Name	Item Code	M	L	Hex
HSK-A 50 SEALING PLUG	K10166234301127	M16 X 1	10	5
HSK-A 63 SEALING PLUG	K10167234301127	M18 X 1	12	6
HSK-A 100 SEALING PLUG	K10168234301127	M24 X 1.5	16	10

Note: All Dimensions are in mm

Ready To Use Solution (For 3 to 16mm)
From 'diebold' GERMANY & 'KTA' INDIA



K10295604301127 HEAT SHRINK MACHINE -ISG 1000

INTERCHANGABLE DISCS



Range
3.0 to 5.9mm
6.0 to 12.1mm
12.1 to 20mm

TOOL ADAPTORS

Range
SK 30/BT 30
SK 40/BT 40
SK 50/BT 50
HSK A 50
HSK A 63
HSK A 100



COOLING ADAPTORS



Range
3.0 to 5.0mm
6.0 to 9.0mm
9.1 to 12.0mm
12.1 to 16mm

COOLING STATION



TOOL TRAY FOR COOLING STATION

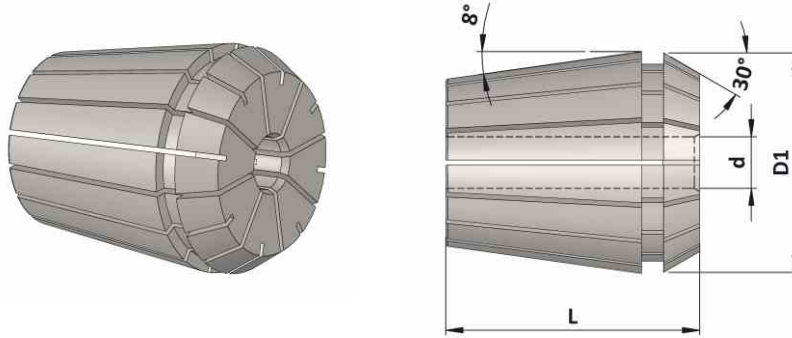


HAND GLOVES



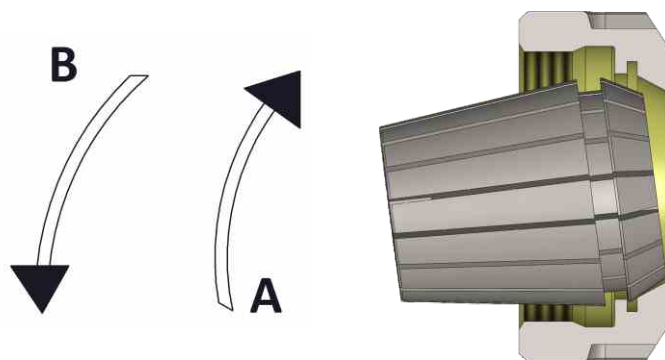


Technical Information : Collet ER (DIN 6499)



Technical Information (Class-1)

Item Name	Clamping Range (d)	Collet Collapse Range	D1	L	Run Out
Collet ER 11 Class-1	1 - 7	0.5 mm.	11.5	18	0.010 mm.
Collet ER 16 Class-1	1 - 10	1.0 mm.	17	27.5	0.010 mm.
Collet ER 20 Class-1	1 - 13	1.0 mm.	21	31.50	0.010 mm.
Collet ER 25 Class-1	1 - 16	1.0 mm.	26	34	0.010 mm.
Collet ER 32 Class-1	2 - 20	1.0 mm.	33	40	0.010 mm.
Collet ER 40 Class-1	3 - 26	1.0 mm.	41	46	0.010 mm.
Collet ER 50 Class-1	10 - 34	2.0 mm.	52	60	0.010 mm.



ER Collet & Nut Operating Method

The Collet must always be inserted into the nut before setting the tool into the collet.

The collet is fitted inside the nut by applying slight pressure **A**.

It is removed by applying Pressure **B** to the collet.

Never tighten the chuck without a correct size tool shank being present in the collet.

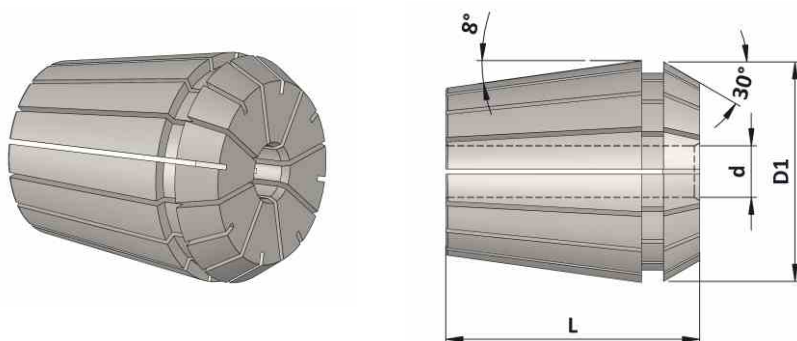
Note: All Dimensions are in mm



Collet Set ER (DIN 6499)

Item Name	Item Code	Clamping Range	PCS / SET
COLLET SET ER 11 (1 - 7 MM) 7 PIECES CLASS I	K10264148493207	1 - 7	7
COLLET SET ER 16 (1-10 MM) 10 PCS WITH BOX CLASS I	K10264149484207	1 - 10	10
COLLET SET ER 20 (2-13 MM)12 PCS WITH BOX CLASS I	K10264150535207	2 - 13	12
COLLET SET ER 25 (2- 16 MM) 15PCS WITH BOX CLASS I	K10264151514207	2 - 16	15
COLLET SET ER 32 (3-20 MM) 18 PCS WITH BOX CLASS I	K10264152485207	3 - 20	18
COLLET SET ER 40 (3-26 MM) 24 PCS WITH BOX CLASS I	K10264153494207	3 - 26	24

Note: All Dimensions are in mm



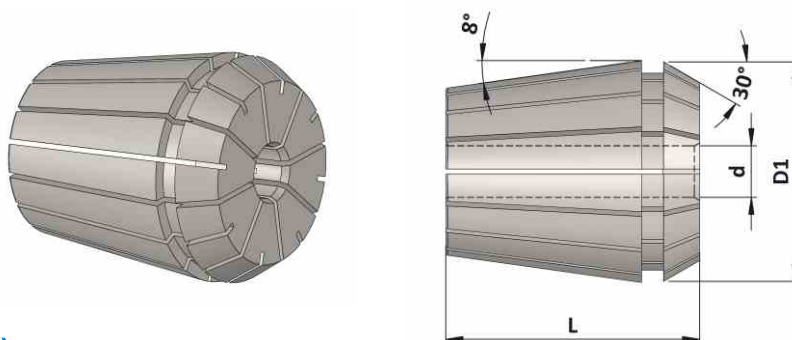
Collet ER 11 (Class-1)

Item Name	Item Code	Clamping Range (d)	D1	L
COLLET ER11 DIA 1.0 - 0.50 - CLASS I	K10154329301207	1.0 - 0.50	11.5	18
COLLET ER11 DIA 2.0 - 1.5 - CLASS I	K10154331301207	2.0 - 1.5	11.5	18
COLLET ER11 DIA 3.0 - 2.5 - CLASS I	K10154333301207	3.0 - 2.5	11.5	18
COLLET ER11 DIA 4.0 - 3.5 - CLASS I	K10154335301207	4.0 - 3.5	11.5	18
COLLET ER11 DIA 5.0 - 4.5 - CLASS I	K10154337301207	5.0 - 4.5	11.5	18
COLLET ER11 DIA 6.0 - 5.5 - CLASS I	K10154339301207	6.0 - 5.5	11.5	18
COLLET ER11 DIA 7.0 - 6.5 - CLASS I	K10154343301207	7.0 - 6.5	11.5	18

Collet ER 16 (Class-1)

Item Name	Item Code	Clamping Range (d)	D1	L
COLLET ER16 DIA 1.0 - 0.50 - CLASS I	K10155291301207	1.0 - 0.50	17	27.5
COLLET ER16 DIA 2 - 1 - CLASS I	K10155292301207	2 - 1	17	27.5
COLLET ER16 DIA 3 - 2 - CLASS I	K10155293301207	3 - 2	17	27.5
COLLET ER16 DIA 4 - 3 - CLASS I	K10155294301207	4 - 3	17	27.5
COLLET ER16 DIA 5 - 4 - CLASS I	K10155295301207	5 - 4	17	27.5
COLLET ER16 DIA 6 - 5 - CLASS I	K10155296301207	6 - 5	17	27.5
COLLET ER16 DIA 7 - 6 - CLASS I	K10155297301207	7 - 6	17	27.5
COLLET ER16 DIA 8 - 7 - CLASS I	K10155298301207	8 - 7	17	27.5
COLLET ER16 DIA 9 - 8 - CLASS I	K10155299301207	9 - 8	17	27.5
COLLET ER16 DIA 10 - 9 - CLASS I	K10155300301207	10 - 9	17	27.5

Note: All Dimensions are in mm



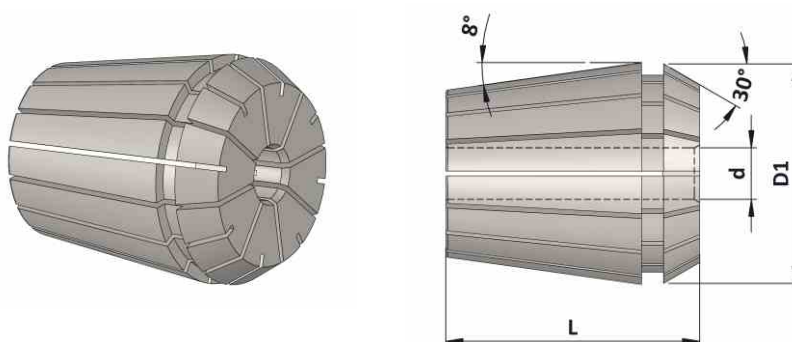
Collet ER 20 (Class-1)

Item Name	Item Code	Clamping Range (d)	D1	L
COLLET ER20 DIA 1.0 - 0.50 - CLASS I	K10156329301207	1.0 - 0.50	21	31.5
COLLET ER20 DIA 2 - 1 - CLASS I	K10156292301207	2 - 1	21	31.5
COLLET ER20 DIA 3 - 2 - CLASS I	K10156293301207	3 - 2	21	31.5
COLLET ER20 DIA 4 - 3 - CLASS I	K10156294301207	4 - 3	21	31.5
COLLET ER20 DIA 5 - 4 - CLASS I	K10156295301207	5 - 4	21	31.5
COLLET ER20 DIA 6 - 5 - CLASS I	K10156296301207	6 - 5	21	31.5
COLLET ER20 DIA 7 - 6 - CLASS I	K10156297301207	7 - 6	21	31.5
COLLET ER20 DIA 8 - 7 - CLASS I	K10156298301207	8 - 7	21	31.5
COLLET ER20 DIA 9 - 8 - CLASS I	K10156299301207	9 - 8	21	31.5
COLLET ER20 DIA 10 - 9 - CLASS I	K10156300301207	10 - 9	21	31.5
COLLET ER20 DIA 11 - 10 - CLASS I	K10156301301207	11 - 10	21	31.5
COLLET ER20 DIA 12 - 11 - CLASS I	K10156302301207	12 - 11	21	31.5
COLLET ER20 DIA 13 - 12 - CLASS I	K10156303301207	13 - 12	21	31.5

Collet ER 25 (Class-1)

Item Name	Item Code	Clamping Range (d)	D1	L
COLLET ER25 DIA 1.0 - 0.50 - CLASS I	K10157329301207	1.0 - 0.50	26	34
COLLET ER25 DIA 2 - 1 - CLASS I	K10157292301207	2 - 1	26	34
COLLET ER25 DIA 3 - 2 - CLASS I	K10157293301207	3 - 2	26	34
COLLET ER25 DIA 4 - 3 - CLASS I	K10157294301207	4 - 3	26	34
COLLET ER25 DIA 5 - 4 - CLASS I	K10157295301207	5 - 4	26	34
COLLET ER25 DIA 6 - 5 - CLASS I	K10157296301207	6 - 5	26	34
COLLET ER25 DIA 7 - 6 - CLASS I	K10157297301207	7 - 6	26	34
COLLET ER25 DIA 8 - 7 - CLASS I	K10157298301207	8 - 7	26	34
COLLET ER25 DIA 9 - 8 - CLASS I	K10157299301207	9 - 8	26	34
COLLET ER25 DIA 10 - 9 - CLASS I	K10157300301207	10 - 9	26	34
COLLET ER25 DIA 11 - 10 - CLASS I	K10157301301207	11 - 10	26	34
COLLET ER25 DIA 12 - 11 - CLASS I	K10157302301207	12 - 11	26	34
COLLET ER25 DIA 13 - 12 - CLASS I	K10157303301207	13 - 12	26	34
COLLET ER25 DIA 14 - 13 - CLASS I	K10157304301207	14 - 13	26	34
COLLET ER25 DIA 15 - 14 - CLASS I	K10157305301207	15 - 14	26	34
COLLET ER25 DIA 16 - 15 - CLASS I	K10157306301207	16 - 15	26	34

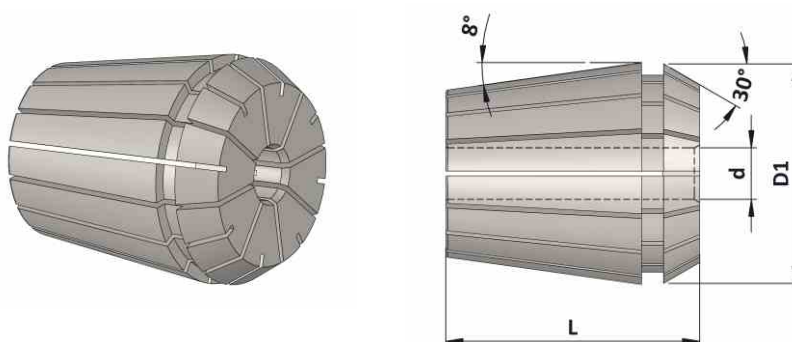
Note: All Dimensions are in mm



Collet ER 32 (Class-1)

Item Name	Item Code	Clamping Range (d)	D1	L
COLLET ER32 DIA 1.0 - 0.50 - CLASS I	K10158291301207	1.0 - 0.50	33	40
COLLET ER32 DIA 2 - 1 - CLASS I	K10158292301207	2 - 1	33	40
COLLET ER32 DIA 3 - 2 - CLASS I	K10158293301207	3 - 2	33	40
COLLET ER32 DIA 4 - 3 - CLASS I	K10158294301207	4 - 3	33	40
COLLET ER32 DIA 5 - 4 - CLASS I	K10158295301207	5 - 4	33	40
COLLET ER32 DIA 6 - 5 - CLASS I	K10158296301207	6 - 5	33	40
COLLET ER32 DIA 7 - 6 - CLASS I	K10158297301207	7 - 6	33	40
COLLET ER32 DIA 8 - 7 - CLASS I	K10158298301207	8 - 7	33	40
COLLET ER32 DIA 9 - 8 - CLASS I	K10158299301207	9 - 8	33	40
COLLET ER32 DIA 10 - 9 - CLASS I	K10158300301207	10 - 9	33	40
COLLET ER32 DIA 11 - 10 - CLASS I	K10158301301207	11 - 10	33	40
COLLET ER32 DIA 12 - 11 - CLASS I	K10158302301207	12 - 11	33	40
COLLET ER32 DIA 13 - 12 - CLASS I	K10158303301207	13 - 12	33	40
COLLET ER32 DIA 14 - 13 - CLASS I	K10158304301207	14 - 13	33	40
COLLET ER32 DIA 15 - 14 - CLASS I	K10158305301207	15 - 14	33	40
COLLET ER32 DIA 16 - 15 - CLASS I	K10158306301207	16 - 15	33	40
COLLET ER32 DIA 17 - 16 - CLASS I	K10158307301207	17 - 16	33	40
COLLET ER32 DIA 18 - 17 - CLASS I	K10158308301207	18 - 17	33	40
COLLET ER32 DIA 19 - 18 - CLASS I	K10158309301207	19 - 18	33	40
COLLET ER32 DIA 20 - 19 - CLASS I	K10158310301207	20 - 19	33	40

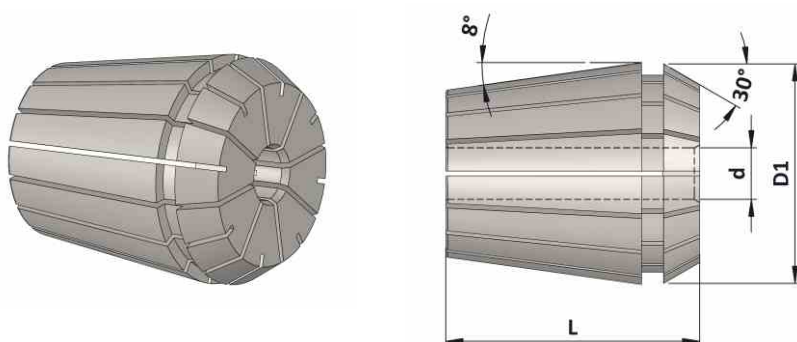
Note: All Dimensions are in mm



Collet ER 40 (Class-1)

Item Name	Item Code	Clamping Range (d)	D1	L
COLLET ER40 DIA 3 - 2 - CLASS I	K10159293301207	3 - 2	41	46
COLLET ER40 DIA 4 - 3 - CLASS I	K10159294301207	4 - 3	41	46
COLLET ER40 DIA 5 - 4 - CLASS I	K10159295301207	5 - 4	41	46
COLLET ER40 DIA 6 - 5 - CLASS I	K10159296301207	6 - 5	41	46
COLLET ER40 DIA 7 - 6 - CLASS I	K10159297301207	7 - 6	41	46
COLLET ER40 DIA 8 - 7 - CLASS I	K10159298301207	8 - 7	41	46
COLLET ER40 DIA 9 - 8 - CLASS I	K10159299301207	9 - 8	41	46
COLLET ER40 DIA 10 - 9 - CLASS I	K10159300301207	10 - 9	41	46
COLLET ER40 DIA 11 - 10 - CLASS I	K10159301301207	11 - 10	41	46
COLLET ER40 DIA 12 - 11 - CLASS I	K10159302301207	12 - 11	41	46
COLLET ER40 DIA 13 - 12 - CLASS I	K10159303301207	13 - 12	41	46
COLLET ER40 DIA 14 - 13 - CLASS I	K10159304301207	14 - 13	41	46
COLLET ER40 DIA 15 - 14 - CLASS I	K10159305301207	15 - 14	41	46
COLLET ER40 DIA 16 - 15 - CLASS I	K10159306301207	16 - 15	41	46
COLLET ER40 DIA 17 - 16 - CLASS I	K10159307301207	17 - 16	41	46
COLLET ER40 DIA 18 - 17 - CLASS I	K10159308301207	18 - 17	41	46
COLLET ER40 DIA 19 - 18 - CLASS I	K10159309301207	19 - 18	41	46
COLLET ER40 DIA 20 - 19 - CLASS I	K10159310301207	20 - 19	41	46
COLLET ER40 DIA 21 - 20 - CLASS I	K10159311301207	21 - 20	41	46
COLLET ER40 DIA 22 - 21 - CLASS I	K10159312301207	22 - 21	41	46
COLLET ER40 DIA 23 - 22 - CLASS I	K10159313301207	23 - 22	41	46
COLLET ER40 DIA 24 - 23 - CLASS I	K10159314301207	24 - 23	41	46
COLLET ER40 DIA 25 - 24 - CLASS I	K10159315301207	25 - 24	41	46
COLLET ER40 DIA 26 - 25 - CLASS I	K10159316301207	26 - 25	41	46

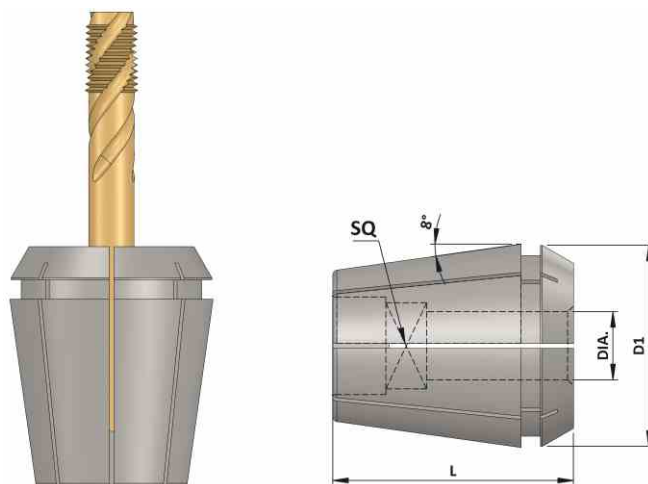
Note: All Dimensions are in mm



Collet ER 50 (Class-1)

Item Name	Item Code	Clamping Range (d)	D1	L
COLLET ER50 DIA 4 - 3 - CLASS I	K10196495301207	4 - 3	52	60
COLLET ER50 DIA 6 - 5 - CLASS I	K10196494301207	6 - 5	52	60
COLLET ER50 DIA 10 - 9 - CLASS I	K10196493301207	10 - 9	52	60
COLLET ER50 DIA 12 - 10 - CLASS I	K10196317301207	12 - 10	52	60
COLLET ER50 DIA 14 - 12 - CLASS I	K10196318301207	14 - 12	52	60
COLLET ER50 DIA 16 - 14 - CLASS I	K10196319301207	16 - 14	52	60
COLLET ER50 DIA 18 - 16 - CLASS I	K10196320301207	18 - 16	52	60
COLLET ER50 DIA 20 - 18 - CLASS I	K10196321301207	20 - 18	52	60
COLLET ER50 DIA 22 - 20 - CLASS I	K10196322301207	22 - 20	52	60
COLLET ER50 DIA 24 - 22 - CLASS I	K10196323301207	24 - 22	52	60
COLLET ER50 DIA 26 - 24 - CLASS I	K10196324301207	26 - 24	52	60
COLLET ER50 DIA 28 - 26 - CLASS I	K10196325301207	28 - 26	52	60
COLLET ER50 DIA 30 - 28 - CLASS I	K10196326301207	30 - 28	52	60
COLLET ER50 DIA 32 - 30 - CLASS I	K10196327301207	32 - 30	52	60
COLLET ER50 DIA 34 - 32 - CLASS I	K10196328301207	34 - 32	52	60

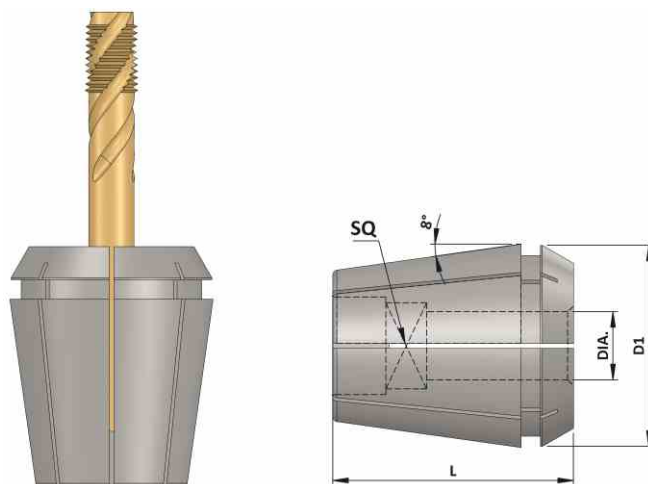
Note: All Dimensions are in mm



Tap Collet ER 16 G

Item Name	Item Code	Dia	Square	D1	L
TAP COLLET ER 16G 3.5 X 2.7	K10255479449127	3.50	2.70	17	27.5
TAP COLLET ER 16G 4.0 X 3.0	K10255479450127	4.00	3.00	17	27.5
TAP COLLET ER 16G 4.0 X 3.15	K10255479565127	4.00	3.15	17	27.5
TAP COLLET ER 16G 4.5 X 3.4	K10255479451127	4.50	3.40	17	27.5
TAP COLLET ER 16G 5.0 X 4.0	K10255479452127	5.00	4.00	17	27.5
TAP COLLET ER 16G 5.5 X 4.3	K10255479557127	5.50	4.30	17	27.5
TAP COLLET ER 16G 6.0 X 4.9	K10255479453127	6.00	4.90	17	27.5
TAP COLLET ER 16G 6.3 X 5.0	K10255479454127	6.30	5.00	17	27.5
TAP COLLET ER 16G 7.0 X 5.5	K10255479455127	7.00	5.50	17	27.5
TAP COLLET ER 16G 7.1 X 5.6	K10255479570127	7.10	5.60	17	27.5
TAP COLLET ER 16G 8.0 X 6.2	K10255479456127	8.00	6.20	17	27.5
TAP COLLET ER 16G 8.0 X 6.3	K10255479456225	8.00	6.30	17	27.5
TAP COLLET ER 16G 9.0 X 7.0	K10255479457127	9.00	7.00	17	27.5
TAP COLLET ER 16G 9.0 X 7.1	K10255479474127	9.00	7.10	17	27.5
TAP COLLET ER 16G 10.0 X 8.0	K10255479458127	10.00	8.00	17	27.5

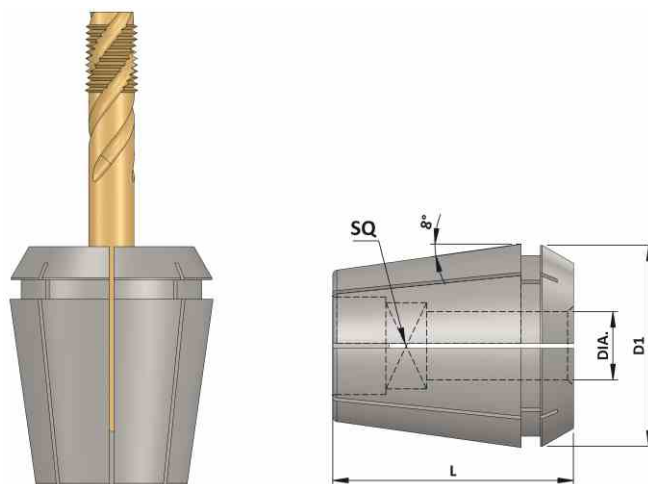
Note: All Dimensions are in mm



Tap Collet ER 20 G

Item Name	Item Code	Dia	Square	D1	L
TAP COLLET ER 20G 3.5 X 2.7	K10255480449127	3.50	2.70	21	31.5
TAP COLLET ER 20G 4.0 X 3.0	K10255480450127	4.00	3.00	21	31.5
TAP COLLET ER 20G 4.0 X 3.15	K10255480565127	4.00	3.15	21	31.5
TAP COLLET ER 20G 4.5 X 3.4	K10255480451127	4.50	3.40	21	31.5
TAP COLLET ER 20G 5.0 X 4.0	K10255480452127	5.00	4.00	21	31.5
TAP COLLET ER 20G 5.5 X 4.3	K10255480557127	5.50	4.30	21	31.5
TAP COLLET ER 20G 6.0 X 4.9	K10255480453127	6.00	4.90	21	31.5
TAP COLLET ER 20G 6.3 X 5.0	K10255480454127	6.30	5.00	21	31.5
TAP COLLET ER 20G 7.0 X 5.5	K10255480455127	7.00	5.50	21	31.5
TAP COLLET ER 20G 7.1 X 5.6	K10255480570127	7.10	5.60	21	31.5
TAP COLLET ER 20G 8.0 X 6.2	K10255480456127	8.00	6.20	21	31.5
TAP COLLET ER 20G 8.0 X 6.3	K10255480456225	8.00	6.30	21	31.5
TAP COLLET ER 20G 9.0 X 7.0	K10255480457127	9.00	7.00	21	31.5
TAP COLLET ER 20G 9.0 X 7.1	K10255480474127	9.00	7.10	21	31.5
TAP COLLET ER 20G 10.0 X 8.0	K10255480458127	10.00	8.00	21	31.5
TAP COLLET ER 20G 11.0 X 9.0	K10255480469127	11.00	9.00	21	31.5
TAP COLLET ER 20G 11.2 X 9.0	K10255480459127	11.20	9.00	21	31.5
TAP COLLET ER 20G 12.0 X 9.0	K10255480460127	12.00	9.00	21	31.5

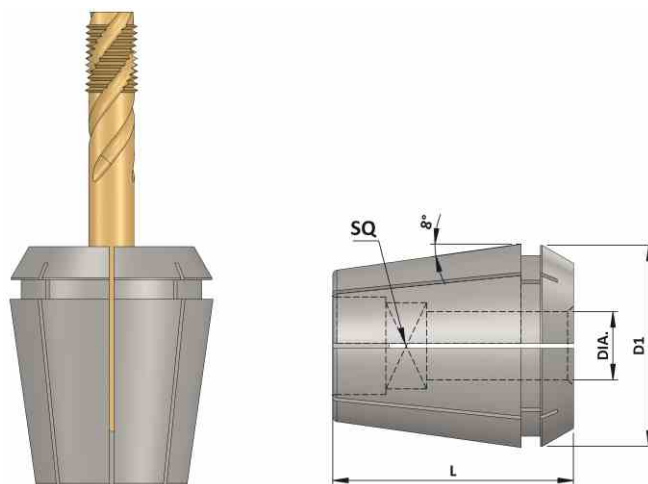
Note: All Dimensions are in mm



Tap Collet ER 25 G

Item Name	Item Code	Dia	Square	D1	L
TAP COLLET ER 25G 3.5 X 2.7	K10255151449127	3.50	2.70	26	34
TAP COLLET ER 25G 4.0 X 3.0	K10255481450127	4.00	3.00	26	34
TAP COLLET ER 25G 4.0 X 3.15	K10255481565127	4.00	3.15	26	34
TAP COLLET ER 25G 4.5 X 3.4	K10255481451127	4.50	3.40	26	34
TAP COLLET ER 25G 5.0 X 4.0	K10255481452127	5.00	4.00	26	34
TAP COLLET ER 25G 5.5 X 4.3	K10255481557127	5.50	4.30	26	34
TAP COLLET ER 25G 6.0 X 4.9	K10255481453127	6.00	4.90	26	34
TAP COLLET ER 25G 6.3 X 5.0	K10255481454127	6.30	5.00	26	34
TAP COLLET ER 25G 7.0 X 5.5	K10255481455127	7.00	5.50	26	34
TAP COLLET ER 25G 7.1 X 5.6	K10255481570127	7.10	5.60	26	34
TAP COLLET ER 25G 8.0 X 6.2	K10255481456127	8.00	6.20	26	34
TAP COLLET ER 25G 8.0 X 6.3	K10255481195127	8.00	6.30	26	34
TAP COLLET ER 25G 9.0 X 7.0	K10255481457127	9.00	7.00	26	34
TAP COLLET ER 25G 9.0 X 7.1	K10255481474127	9.00	7.10	26	34
TAP COLLET ER 25G 10.0 X 8.0	K10255481458127	10.00	8.00	26	34
TAP COLLET ER 25G 11.0 X 9.0	K10255481469127	11.00	9.00	26	34
TAP COLLET ER 25G 11.2 X 9.0	K10255481459127	11.20	9.00	26	34
TAP COLLET ER 25G 12.0 X 9.0	K10255481460127	12.00	9.00	26	34
TAP COLLET ER 25G 12.5 X 10.0	K10255481461127	12.50	10.00	26	34
TAP COLLET ER 25G 14.0 X 11.0	K10255481462127	14.00	11.00	26	34
TAP COLLET ER 25G 14.0 X 11.2	K10255481463127	14.00	11.20	26	34
TAP COLLET ER 25G 16.0 X 12.0	K10255481470127	16.00	12.00	26	34

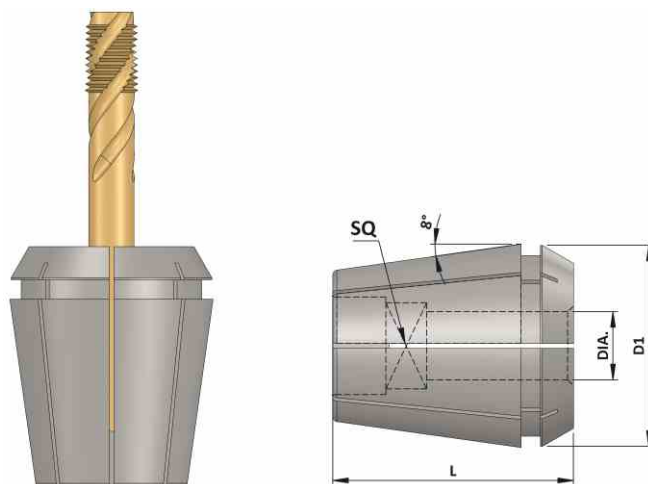
Note: All Dimensions are in mm



Tap Collet ER 32 G

Item Name	Item Code	Dia	Square	D1	L
TAP COLLET ER 32G 3.5 X 2.7	K10255482449127	3.50	2.70	33	40
TAP COLLET ER 32G 4.0 X 3.0	K10102173256127	4.00	3.00	33	40
TAP COLLET ER 32G 4.0 X 3.15	K10255482565127	4.00	3.15	33	40
TAP COLLET ER 32G 4.5 X 3.4	K10255482451127	4.50	3.40	33	40
TAP COLLET ER 32G 5.0 X 4.0	K10255482452127	5.00	4.00	33	40
TAP COLLET ER 32G 5.5 X 4.3	K10255482557127	5.50	4.30	33	40
TAP COLLET ER 32G 6.0 X 4.9	K10255482453127	6.00	4.90	33	40
TAP COLLET ER 32G 6.3 X 5.0	K10255482454127	6.30	5.00	33	40
TAP COLLET ER 32G 7.0 X 5.5	K10255482455127	7.00	5.50	33	40
TAP COLLET ER 32G 7.1 X 5.6	K10255482570127	7.10	5.60	33	40
TAP COLLET ER 32G 8.0 X 6.2	K10255482456127	8.00	6.20	33	40
TAP COLLET ER 32G 8.0 X 6.3	K10255482564127	8.00	6.30	33	40
TAP COLLET ER 32G 9.0 X 7.0	K10255482457127	9.00	7.00	33	40
TAP COLLET ER 32G 9.0 X 7.1	K10255482474127	9.00	7.10	33	40
TAP COLLET ER 32G 10.0 X 8.0	K10255482458127	10.00	8.00	33	40
TAP COLLET ER 32G 11.0 X 9.0	K10255482469127	11.00	9.00	33	40
TAP COLLET ER 32G 11.2 X 9.0	K10255482459127	11.20	9.00	33	40
TAP COLLET ER 32G 12.0 X 9.0	K10255482460127	12.00	9.00	33	40
TAP COLLET ER 32G 12.5 X 10.0	K10255482461127	12.50	10.00	33	40
TAP COLLET ER 32G 14.0 X 11.0	K10255482462127	14.00	11.00	33	40
TAP COLLET ER 32G 14.0 X 11.2	K10255482463127	14.00	11.20	33	40
TAP COLLET ER 32G 16.0 X 12.0	K10255482470127	16.00	12.00	33	40
TAP COLLET ER 32G 16.0 X 12.5	K10255482464127	16.00	12.50	33	40
TAP COLLET ER 32G 18.0 X 14.0	K10255152558127	18.00	14.00	33	40
TAP COLLET ER 32G 18.0 X 14.5	K10255482465127	18.00	14.50	33	40
TAP COLLET ER 32G 20.0 X 16.0	K10255482466127	20.00	16.00	33	40

Note: All Dimensions are in mm



Tap Collet ER 40 G

Item Name	Item Code	Dia	Square	D1	L
TAP COLLET ER 40G 3.5 X 2.7	K10255153449127	3.50	2.70	41	46
TAP COLLET ER 40G 4.0 X 3.0	K10255483450127	4.00	3.00	41	46
TAP COLLET ER 40G 4.5 X 3.4	K10255153451127	4.50	3.40	41	46
TAP COLLET ER 40G 6.0 X 4.9	K10255483453127	6.00	4.90	41	46
TAP COLLET ER 40G 6.3 X 5.0	K10255483454127	6.30	5.00	41	46
TAP COLLET ER 40G 7.0 X 5.5	K10255483455127	7.00	5.50	41	46
TAP COLLET ER 40G 7.1 X 5.6	K10255483570127	7.10	5.60	41	46
TAP COLLET ER 40G 8.0 X 6.2	K10255483456127	8.00	6.20	41	46
TAP COLLET ER 40G 8.0 X 6.3	K10255483456207	8.00	6.30	41	46
TAP COLLET ER 40G 9.0 X 7.0	K10255483457127	9.00	7.00	41	46
TAP COLLET ER 40G 9.0 X 7.1	K10255483474127	9.00	7.10	41	46
TAP COLLET ER 40G 10.0 X 8.0	K10255483458127	10.00	8.00	41	46
TAP COLLET ER 40G 11.0 X 9.0	K10255483469127	11.00	9.00	41	46
TAP COLLET ER 40G 11.2 X 9.0	K10255483459127	11.20	9.00	41	46
TAP COLLET ER 40G 12.0 X 9.0	K10255483460127	12.00	9.00	41	46
TAP COLLET ER 40G 12.5 X 10.0	K10255483461127	12.50	10.00	41	46
TAP COLLET ER 40G 14.0 X 11.0	K10255483462127	14.00	11.00	41	46
TAP COLLET ER 40G 14.0 X 11.2	K10255483463127	14.00	11.20	41	46
TAP COLLET ER 40G 16.0 X 12.0	K10255483470127	16.00	12.00	41	46
TAP COLLET ER 40G 16.0 X 12.5	K10255483464127	16.00	12.50	41	46
TAP COLLET ER 40G 18.0 X 14.0	K10255153558127	18.00	14.00	41	46
TAP COLLET ER 40G 18.0 X 14.5	K10255483465127	18.00	14.50	41	46
TAP COLLET ER 40G 20.0 X 16.0	K10255483466127	20.00	16.00	41	46
TAP COLLET ER 40G 22.0 X 18.0	K10255483467127	22.00	18.00	41	46
TAP COLLET ER 40G 22.4 X 18.0	K10255483575127	22.40	18.00	41	46
TAP COLLET ER 40G 25.0 X 20.0	K10255483468127	25.00	20.00	41	46

Note: All Dimensions are in mm