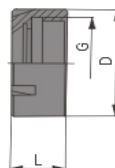


Standard



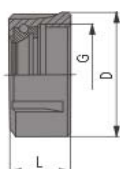
Mini

Standard

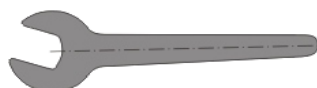
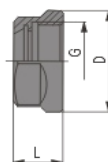
Ref. Nut	Ref. wren.	Ref. collet	Typ. Collet	D	L	G
MSERC16	KSERC16	426 E	ERC 16	32	17	M22x1,5
MSERC20	KSERC20	428 E	ERC 20	35	18,5	M25x1,5
MSERC25	KSERC25	430 E	ERC 25	42	20,0	M32x1,5
MSERC32	KSERC32	470 E	ERC 32	50	22,3	M40x1,5
MSERC40	KSERC40	472 E	ERC 40	63	25,3	M50x1,5

Mini

Ref. Nut	Ref. wren.	Ref. collet	Typ. Collet	D	L	G
MMERC8	KMERC8	4004 E	ERC 8	12	10,8	M10x0,75
MMERC11	KMERC11	4008 E	ERC 11	16	11,3	M13x0,75
MMERC16	KMERC16	426 E	ERC 16	22	18,0	M19x1
MMERC20	KMERC20	428 E	ERC 20	28	19,0	M24x1
MMERC25	KMERC25	430 E	ERC 25	35	20,0	M30x1



ball-bearing version



6X

ball-bearing version

Ref. Nut	Ref. wren.	Ref. collet	Typ. Collet	D	L	G
MLERC25	KLERC25	430 E	ERC 25	42	18,5	M32x1,5
MLERC32	KLERC32	470 E	ERC 32	50	22	M40x1,5
MLERC40	KLERC40	472 E	ERC 40	63	25	M50x1,5
MLERC50	KLERC50	477 E	ERC 50	78	26	M62x2

6X

Ref. Nut	Ref. wren.	Ref. collet	Typ. Collet	D	L	G
MVERC11	KVERC11	4008 E	ERC 11	19	11,3	M14x0,75
MVERC16	KVERC16	426 E	ERC 16	28	17,5	M22x1,5
MVERC20	KVERC20	428 E	ERC 20	34	19,0	M25x1,5

dimensions in mm

Collets for Lathes, Mills, Grinders, and Fixtures (Continued)

Collet	Style	Dimensions			Max. Capacity (inches)		
		Bearing Diam., A	Length, B	Thread, C	Round	Hex	Square
215	1	2.030	4.750	1.990 × 18 LH	1.750	1.500	1.219
315	1	3.687	5.500	3.622 × 16 LH	3.250	2.813	2.250
B3	7	0.650	3.031	0.437 × 20 RH	0.500	0.438	0.344
D5	7	0.780	3.031	0.500 × 20 RH	0.625	0.531	0.438
GTM	7	0.625	2.437	0.437 × 20 RH	0.500	0.438	0.344
J&L	9	0.999	4.375	None	0.750	0.641	0.516
JC	8	1.360	4.000	None	1.188	1.000	0.813
LB	10	0.687	2.000	None	0.500	0.438	0.344
RO	11	1.250	2.938	0.875 × 16 RH	1.125	0.969	0.781
RO	12	1.250	4.437	0.875 × 16 RH	0.800	0.688	0.563
RO	12	1.250	4.437	0.875 × 16 RH	1.125	0.969	0.781
RO	11	1.250	2.938	0.875 × 16 RH	0.800	0.688	0.563
R8	7	0.950	4.000	0.437 × 20 RH	0.750	0.641	0.531

^a Internal stop thread is 1.041 × 24 RH.^b Internal stop thread is 1.687 × 20 RH.

Dimensions in inches unless otherwise noted. Courtesy of Hardinge Brothers, Inc.

DIN 6388, Type B, and DIN 6499, ER Type Collets

ER Type		Type B			
Collet Standard	Type	Dimensions			
		B (mm)	L (mm)	A (mm)	C
Type B, DIN 6388	16	25.50	40	4.5–16	...
	20	29.80	45	5.5–20	...
	25	35.05	52	5.5–25	...
	32	43.70	60	9.5–32	...
ER Type, DIN 6499	ERA8	8.50	13.5	0.5–5	8°
	ERA11	11.50	18	0.5–7	8°
	ERA16	17	27	0.5–10	8°
	ERA20	21	31	0.5–13	8°
	ERA25	26	35	0.5–16	8°
	ERA32	33	40	2–20	8°
	ERA40	41	46	3–26	8°
		41	39	26–30	8°
	ERA50	52	60	5–34	8°