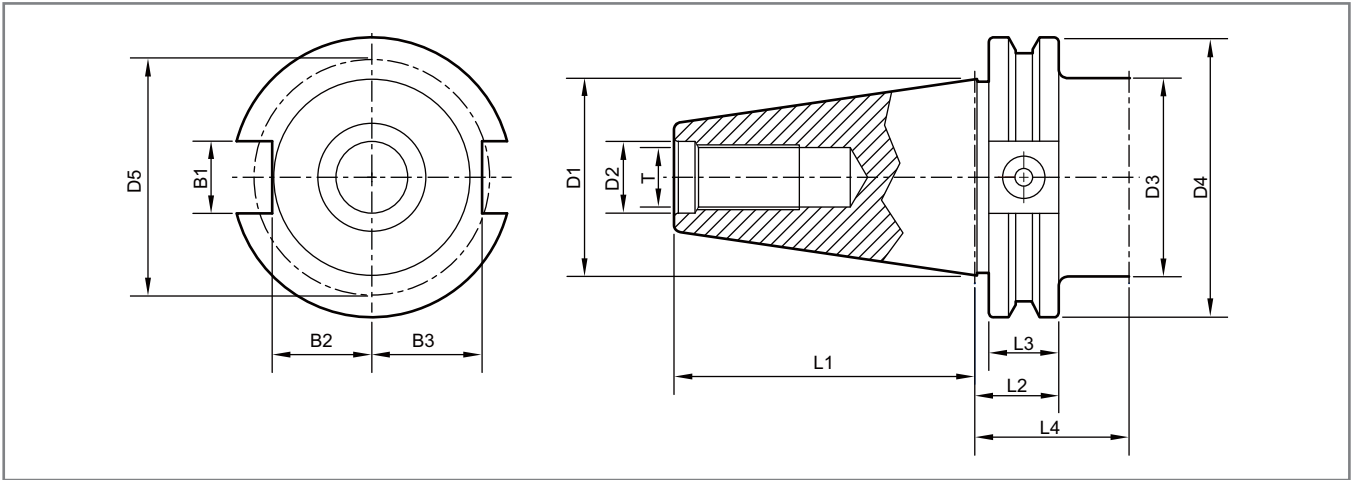


Specifications of ANSI B5.50 (inch)

Features:

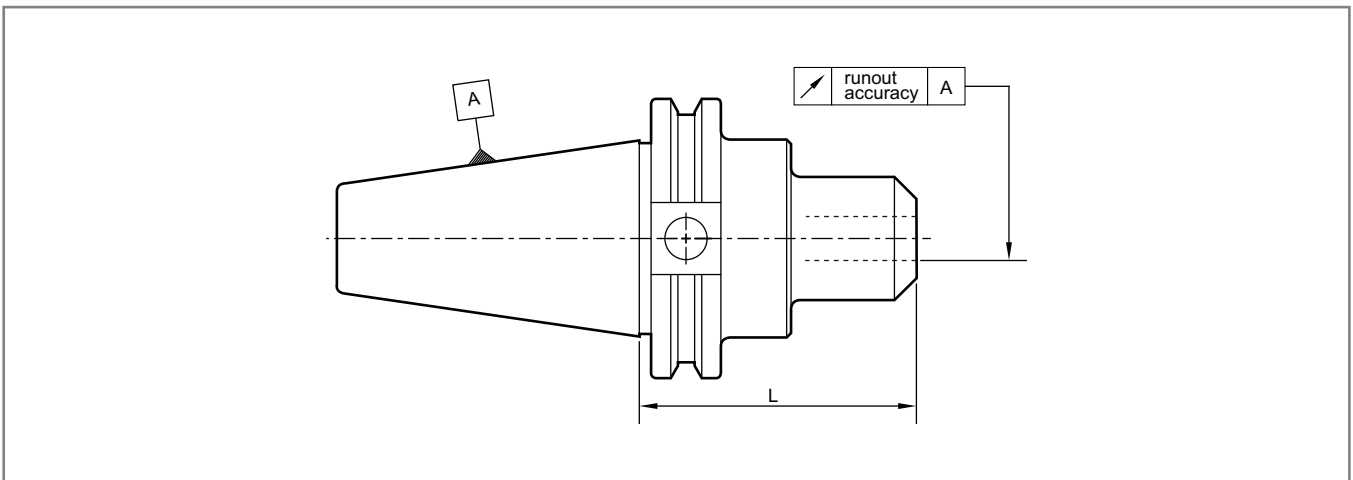
- Toolholders case-hardened 60 – 2 HRC
- Tensile strength in the core at least 950 N/mm²
- Taper in tolerance quality AT 3



INCH

Taper Size	D1	D2	D3 _{max.}	D4	D5	L1	L2	L3	L4 _{min.}	T	B1	B2	B3
CAT40	1.75	0.669	1.71	2.5	2.126	2.687	0.75	0.625	1.38	5/8"-11	0.646	0.89	0.894
CAT50	2.75	1.063	2.71	3.875	3.307	4.0	0.75	0.625	1.38	1"-8	1.02	1.39	1.484

Runout Accuracy



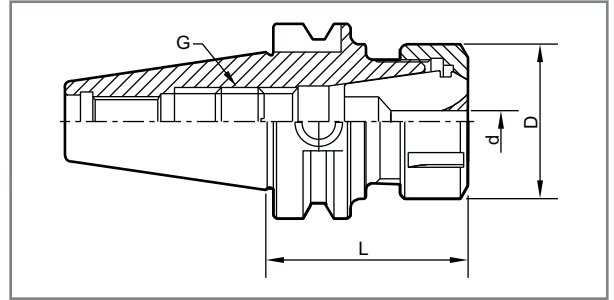
INCH

Gage Length A (inch)	L < 6.3"	L ≥ 6.3"
Collet chuck type ER	0.00012"	0.00016"
Face mill holder	0.00024"	0.00024"
Side lock holder	0.00012"	0.00016"

ER Collet Chuck

Features:

- The most popular collet chucks.
- One chuck can be used for end mills, drills, reamers and taps.
- Thread of the spring collet chuck and internal taper are precision ground.
- Thread of clamping nut is hardened and turned for achieving high clamping power.
- Back up screw is not included, please order as optional item.
- Pre-balanced G6.3 / 8000 r.p.m.



INCH

Taper Shank	Ordering Code	Type of Holder	L	D	d	G
CAT40	341100-3020	CAT40-ER16-2.76"	2.76"	1.102"	0.02"-0.40"	M10 x 1.5P
	-3040	-ER16-4"	4.00"			
	-4020	-ER20-2.76"	2.76"	1.339"	0.04"-0.51"	M12 x 1.75P
	-4040	-ER20-4"	4.00"			
	-5020	-ER25-2.76"	2.76"	1.654"	0.04"-0.63"	M16 x 2.0P
	-5040	-ER25-4"	4.00"			
	-6020	-ER32-2.76"	2.76"	1.969"	0.08"-0.79"	M16 x 2.0P
	-6040	-ER32-4"	4.00"			
	-7020	-ER40-3.15"	3.15"	2.480"	0.12"-1.02"	M20 x 2.0P
-7040	-ER40-4"	4.00"				
CAT50	351100-3020	CAT50-ER16-4"	4.00"	1.102"	0.02"-0.40"	M10 x 1.5P
	-3040	-ER16-6"	6.00"			
	-4020	-ER20-4"	4.00"	1.339"	0.04"-0.51"	M12 x 1.75P
	-4040	-ER20-6"	6.00"			
	-5020	-ER25-4"	4.00"	1.654"	0.04"-0.63"	M16 x 2.0P
	-5040	-ER25-6"	6.00"			
	-6020	-ER32-4"	4.00"	1.969"	0.08"-0.79"	M16 x 2.0P
	-6040	-ER32-6"	6.00"			
	-7020	-ER40-4"	4.00"	2.480"	0.12"-1.02"	M20 x 2.0P
-7040	-ER40-6"	6.00"				