

WON'T MAR SHAFT

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**> MATERIAL:**

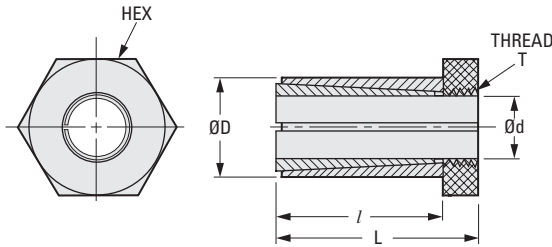
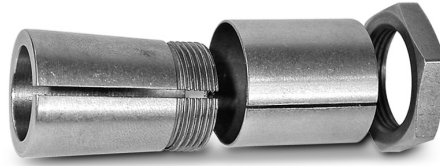
Stainless Steel

**> SPECIFICATIONS:**

O.D. Tolerance:  
 8 & 10 mm 0/-0.015  
 12 to 17 mm 0/-0.018  
 20 to 28 mm 0/-0.021

Bore Tolerance:  
 4 to 6 mm +0.012/0  
 7 to 10 mm +0.015/0  
 11 to 17 mm +0.018/0  
 19 & 20 mm +0.021/0

Tolerance for diameters are before slitting.



The projections shown are per ISO convention.

**METRIC COMPONENT**

Catalog Number	d Bore H7	D Dia. h7	l	L ± 0.1	Hex Across Flats	T	Max. Torque N • m (lb • in)
S99TBSM04	4 (.157)	8 (.315)	12.5 (.492)	15 (.591)	8 (.315)	M6x0.5	3 (26.6)
S99TBSM05	5 (.197)	10 (.394)	12.5 (.492)	15 (.591)	10 (.394)	M8x0.5	4 (35.4)
S99TBSM06	6 (.236)	10 (.394)	12.5 (.492)	15 (.591)	10 (.394)	M8x0.5	7 (62.0)
S99TBSM07	7 (.276)	12 (.472)	12 (.472)	15 (.591)	12 (.472)	M10x0.75	8 (70.8)
S99TBSM08	8 (.315)	14 (.551)	19 (.748)	22 (.866)	16 (.630)	M12x1	14 (123.9)
S99TBSM09	9 (.354)	14 (.551)	19 (.748)	22 (.866)	16 (.630)	M12x1	14 (123.9)
S99TBSM10	10 (.394)	17 (.669)	18.5 (.728)	22 (.866)	18 (.709)	M15x1	18 (159.3)
S99TBSM11	11 (.433)	17 (.669)	18.5 (.728)	22 (.866)	18 (.709)	M15x1	18 (159.3)
S99TBSM12	12 (.472)	17 (.669)	18.5 (.728)	22 (.866)	18 (.709)	M15x1	18 (159.3)
S99TBSM14	14 (.551)	20 (.787)	23 (.906)	28 (1.102)	20 (.787)	M17x1	24 (212.4)
S99TBSM15	15 (.591)	20 (.787)	23 (.906)	28 (1.102)	20 (.787)	M17x1	24 (212.4)
S99TBSM16	16 (.630)	23 (.906)	23 (.906)	28 (1.102)	26 (1.024)	M20x1	26 (230.1)
S99TBSM17	17 (.669)	23 (.906)	23 (.906)	28 (1.102)	26 (1.024)	M20x1	26 (230.1)
S99TBSM19	19 (.748)	25 (.984)	23 (.906)	28 (1.102)	27 (1.063)	M22x1	29 (256.7)
S99TBSM20	20 (.787)	28 (1.102)	23 (.906)	28 (1.102)	30 (1.181)	M25x1	31 (274.4)

NOTE: Dimensions in ( ) are inch.