

TABLE 5. SETB28 Slim Expanding Bushing, Capacities & Dimensional Data

Metric Series		Inch Series		Metric & Inch Dimensional Data													
Size	d1	Size	d1	Torque Cap. ft-lbs	D2	T	L1	L2	L3	d4	d5	Ps psi	Ph psi	Tightening Screws			Weight lbs
														Qty	Size	Ma (ft-lbs)	
15x24	0.591			123	0.945	0.002	0.630	1.457	1.693	1.587	1.732	35748	22342	4	M6x16	12	0.6
16x24	0.630			131	0.945	0.002	0.630	1.457	1.693	1.587	1.732	33513	22342	4	M6x16	12	0.6
18x26	0.709			148	1.024	0.002	0.709	1.535	1.772	1.665	1.850	26478	18331	4	M6x16	12	0.6
19x27	0.748	3/4	0.750	156	1.063	0.002	0.709	1.535	1.772	1.705	1.929	25097	17661	4	M6x16	12	0.7
20x28	0.787			164	1.102	0.002	0.709	1.535	1.772	1.744	1.969	23854	17038	4	M6x16	12	0.7
22x32	0.866	7/8	0.875	181	1.260	0.002	0.984	1.811	2.047	1.902	2.126	15619	10738	4	M6x16	12	0.8
24x34	0.945	15/16	0.9375	296	1.339	0.002	0.984	1.811	2.047	1.980	2.205	21470	15155	6	M6x16	12	0.9
25x34	0.984	1	1.000	308	1.339	0.002	0.984	1.811	2.047	1.980	2.205	20611	15155	6	M6x16	12	0.9
28x39	1.102	1-1/8	1.125	345	1.535	0.002	0.984	1.811	2.047	2.177	2.402	18411	13218	6	M6x16	12	1.0
30x41	1.181	1-3/16	1.1875	370	1.614	0.002	0.984	1.811	2.047	2.256	2.441	17180	12571	6	M6x16	12	1.1
32x43	1.260	1-1/4	1.250	526	1.693	0.002	0.984	1.811	2.047	2.335	2.559	21470	15978	8	M6x16	12	1.2
35x47	1.378	1-3/8	1.375	576	1.850	0.002	1.260	2.087	2.323	2.413	2.598	15331	11417	8	M6x16	12	1.4
38x50	1.496	1-7/16	1.4375	601	1.969	0.002	1.260	2.087	2.323	2.610	2.835	14696	10733	8	M6x16	12	1.5
		1-1/2	1.500	625	1.969	0.002	1.260	2.087	2.323	2.610	2.835	14122	10733	8	M6x16	12	1.5
		40x53	1.575	658	2.087	0.002	1.260	2.087	2.323	2.728	2.953	13414	10124	8	M6x16	12	1.6
42x55	1.654	1-5/8	1.625	691	2.165	0.002	1.260	2.087	2.323	2.807	3.071	12773	9754	8	M6x16	12	1.7
		1-11/16	1.6875	1303	2.323	0.002	1.772	2.756	3.071	3.161	3.386	16448	11947	8	M8x20	30	2.7
45x59	1.772	1-3/4	1.750	1369	2.323	0.002	1.772	2.756	3.071	3.161	3.386	15664	11947	8	M8x20	30	2.7
48x62	1.890	1-7/8	1.875	1460	2.441	0.002	1.772	2.756	3.071	3.201	3.425	14686	11370	8	M8x20	30	2.7
50x65	1.969	1-15/16	1.9375	1521	2.559	0.003	1.772	2.756	3.071	3.398	3.622	14097	10844	8	M8x20	30	3.1
		2	2.000	1738	2.795	0.003	2.165	3.189	3.504	3.634	3.858	12778	9145	9	M8x20	30	3.8
55x71	2.165	2-1/8	2.125	1881	2.795	0.003	2.165	3.189	3.504	3.634	3.858	11805	9145	9	M8x20	30	3.8
		2-3/16	2.1875	1901	3.031	0.003	2.165	3.189	3.504	3.870	4.094	11683	8431	9	M8x20	30	4.2
60x77	2.362	2-3/8	2.375	2053	3.031	0.003	2.165	3.189	3.504	3.870	4.094	10820	8431	9	M8x20	30	4.2
65x84	2.559	2-7/16	2.4375	2118	3.307	0.003	2.165	3.189	3.504	4.146	4.370	10484	7728	9	M8x20	30	4.9
		2-1/2	2.500	2224	3.307	0.003	2.165	3.189	3.504	4.146	4.370	9987	7728	9	M8x20	30	4.9
		2-5/8	2.625	3622	3.543	0.003	2.559	3.780	4.173	4.461	4.685	13078	9690	9	M10x25	60	6.8
70x90	2.756	2-3/4	2.750	3803	3.543	0.003	2.559	3.780	4.173	4.461	4.865	12457	9690	9	M10x25	60	6.7
		2-7/8	2.875	3967	3.740	0.003	2.559	3.780	4.173	4.697	4.961	11941	7179	9	M10x25	60	7.4
75x95	2.953	2-15/16	2.9375	3075	3.740	0.003	2.559	3.780	4.173	4.697	4.961	11626	7179	9	M10x25	60	7.3

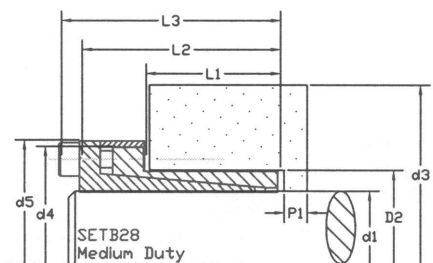


Fig. 16

SETB28 Slim Expanding Bushing with single taper design is “self-centering” and a good choice for applications requiring a long narrow bushing: shaft couplings, timing belt pulleys, sprockets, fan impellers etc.

T= Machining Tolerance. Ma = Screw Torque
P1= Hub Pilot Length = 25% of shaft diameters
Shaft Diameter = d1 +0/-T. Hub Bore = D2+T/-0
Ps= Shaft Contact Pressure, Ph = Hub Bore C.P.
See pages 24 and 25, for selection and sizing guides.