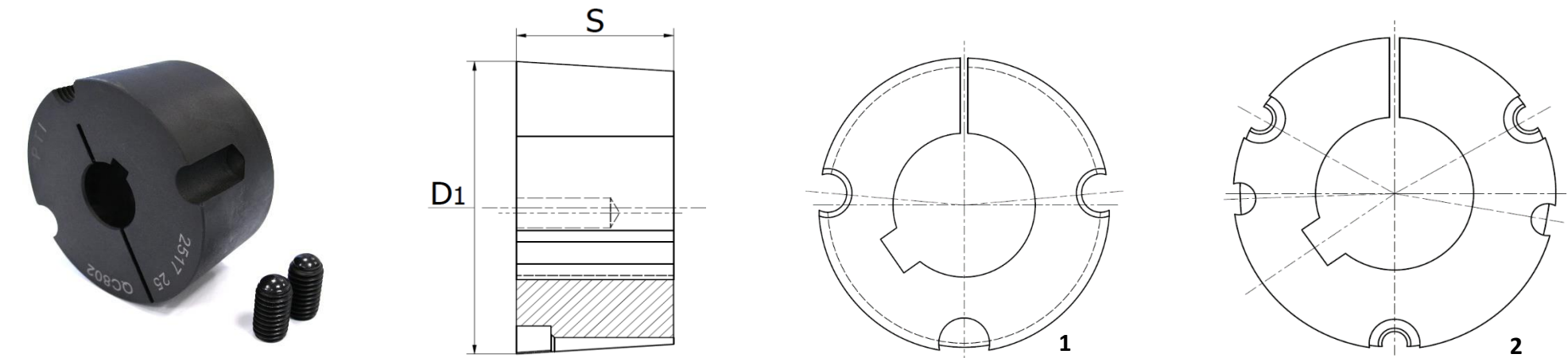




Taper Bushes

Taper Bushes makes assembly and disassembly of V-belt pulleys, sprockets, couplings, weld-on hubs and pulleys quick and easy.

Available in metric- and inch sizes. We offer certain sizes in a reinforced version of steel.



Standard metric bore series

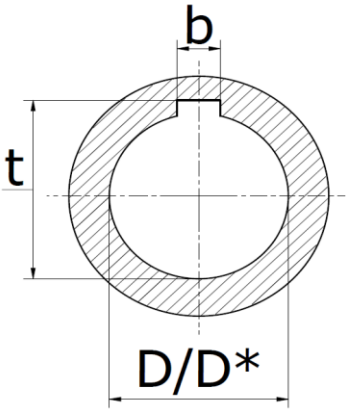
Material: Cast Iron (EN-GJL-250 UNI EN 1561)

Example of suffix : TB 1008-10

Bush type	Dimensions (mm)												D1	S	Type	Max. Torque (Nm)	Screws	Screw tightening torgue (Nm)	Weight (kg)					
	Bore (ISO E 8)																							
1008	9	10	11	12	14	15	16	18	19	20	22	24*	25*	35,0	22,3	1	136	1/4" x 1/2"	5,6	0,16				
1108	9	10	11	12	14	15	16	18	19	20	22	24	25	28*	38,0	22,3	1	147	1/4" x 1/2"	5,6	0,16			
1210	11	12	14	15	16	18	19	20	22	24	25	28	30	32	47,5	25,4	1	407	3/8" x 5/8"	19,6	0,32			
1215					14	19	20	24	25	28					47,5	38,1	1	407	3/8" x 5/8"	19,6	0,50			
1610	14	15	16	18	19	20	22	24	25	28	30	32	35	38	40	42*	57,0	25,4	1	486	3/8" x 5/8"	19,6	0,41	
1615	14	16	18	19	20	22	24	25	28	30	32	35	38	40	42*	57,0	38,1	1	486	3/8" x 5/8"	19,6	0,60		
2012	14	16	18	19	20	22	24	25	28	30	32	35	38	40	42	45	48	50	7/16" x 7/8"	30,4	0,75			
2517	16	18	19	20	22	24	25	28	30	32	35	38	40	42	45	48	50	55	60	65*	48,0	1,06		
3020	25	28	30	32	35	38	40	42	45	48	50	55	60	65	70	75	108,0	50,8	1	2710	5/8" x 1"1/4	90,0	2,50	
3030	35	38	40	42	45	48	50	55	60	65	70	75					108,0	76,2	1	2710	5/8" x 1"1/4	90,0	3,75	
3525	35	38	40	42	45	48	50	55	60	65	70	75	80	85	90			127,0	64,9	2	5060	1/2" x 1"1/2	112,0	4,20
3535	35	38	40	42	45	48	50	55	60	65	70	75	80	85	90			127,0	88,9	2	5060	1/2" x 1"1/2	112,0	5,13
4030	40	42	45	48	50	55	60	65	70	75	80	85	90	100				146,0	76,2	2	8740	5/8" x 1"3/4	169,0	6,75
4040	40	42	45	48	50	55	60	65	70	75	80	85	90	95	100			146,0	101,6	2	8740	5/8" x 1"3/4	169,0	7,68
4545	55				60	65	70	75	80	85	90	95	100					162,0	115,0	2	12400	3/4" x 2"	192,0	10,56
5040	55				60	65	70	75	80	85	90	95	100					177,6	101,6	2	14200	7/8" x 2"1/4	271,0	14,20
5050	70	75	80	85	90	95	100	105	110	115	120	125					177,6	127,0	2	14200	7/8" x 2"1/4	271,0	15,17	

Dimension of the keyways (UNI 6604 DIN 6885)

D	b	Js9	t
Over 10 to 12	4		D + 1,8
» 12 » 17	5	± 0,015	D + 2,3
» 17 » 22	6		D + 2,8
» 22 » 30	8		D + 3,3
» 30 » 38	10	± 0,018	D + 3,3
» 38 » 44	12		D + 3,3
» 44 » 50	14		D + 3,8
» 50 » 58	16	± 0,021	D + 4,3
» 58 » 65	18		D + 4,4
» 65 » 75	20		D + 4,9
» 75 » 85	22		D + 5,4
» 85 » 95	25	± 0,026	D + 5,4
» 95 » 110	28		D + 6,4
» 110 » 130	32	± 0,031	D + 7,4



D*	b	T
24*	8	D + 1,3
25*	8	D + 1,3
28*	8	D + 1,3
42*	12	D + 1,3
65*	18	D + 2,8

Shafts with a diameter tolerance of +0,05 / -0,125 mm are recommended. Best results are achieved with a ISO h6 tolerance. For shafts up to 100 mm diameter, an affordable forged h9 shaft can be used. To be used with or without key.