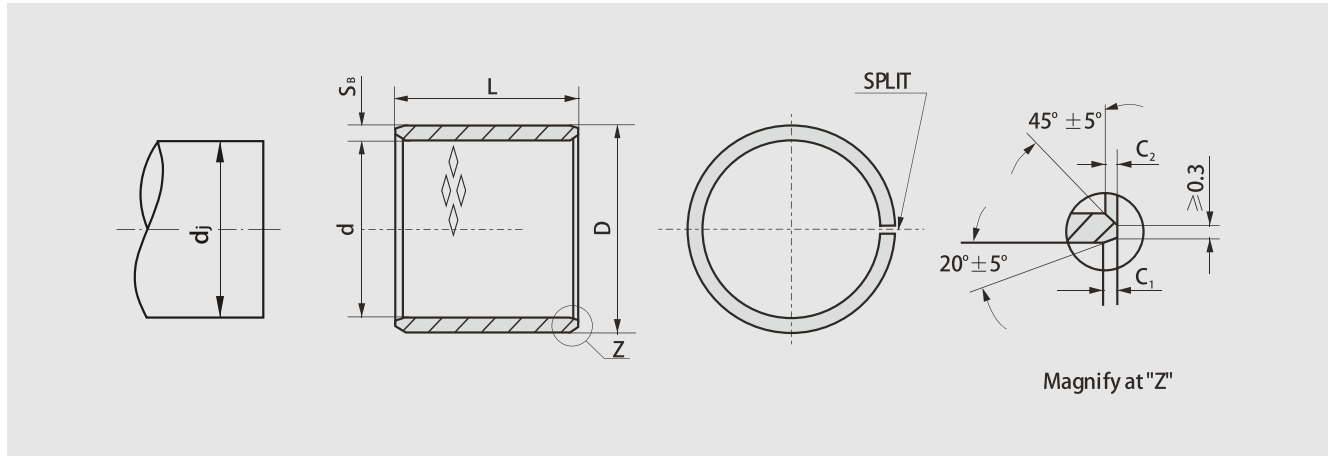


TCB90 Series Normal Metric Bushing



Designation	Shaft Dia. Ø d _j	Housing Ø D _H	Press in H7 housing I.D. Ø d	High L	O.D. Ø D
TCB90 □ 1010	10f7 ^{-0.013} / _{-0.028}	12H7 ^{+0.018} / ₀	10 ^{+0.036} / ₀	10±0.25	12 ^{+0.065} / _{+0.030}
TCB90 □ 1015				15±0.25	
TCB90 □ 1210	12f7 ^{-0.013} / _{-0.034}	14H7 ^{+0.018} / ₀	12 ^{+0.043} / ₀	10±0.25	14 ^{+0.065} / _{+0.030}
TCB90 □ 1215				15±0.25	
TCB90 □ 1410	14f7 ^{-0.016} / _{-0.034}	16H7 ^{+0.018} / ₀	14 ^{+0.043} / ₀	10±0.25	16 ^{+0.065} / _{+0.030}
TCB90 □ 1415				15±0.25	
TCB90 □ 1510	15f7 ^{-0.016} / _{-0.034}	17H7 ^{+0.018} / ₀	15 ^{+0.043} / ₀	10±0.25	17 ^{+0.065} / _{+0.030}
TCB90 □ 1515				15±0.25	
TCB90 □ 1520				20±0.25	
TCB90 □ 1610	16f7 ^{-0.016} / _{-0.034}	18H7 ^{+0.018} / ₀	16 ^{+0.043} / ₀	10±0.25	18 ^{+0.065} / _{+0.030}
TCB90 □ 1615				15±0.25	
TCB90 □ 1620				20±0.25	
TCB90 □ 1810	18f7 ^{-0.016} / _{-0.034}	21H7 ^{+0.021} / ₀	18 ^{+0.043} / ₀	10±0.25	21 ^{+0.075} / _{+0.035}
TCB90 □ 1815				15±0.25	
TCB90 □ 1820				20±0.25	
TCB90 □ 2010	20f7 ^{-0.020} / _{-0.041}	23H7 ^{+0.021} / ₀	20 ^{+0.052} / ₀	10±0.25	23 ^{+0.075} / _{+0.035}
TCB90 □ 2015				15±0.25	
TCB90 □ 2020				20±0.25	
TCB90 □ 2025				25±0.25	
TCB90 □ 2030				30±0.25	
TCB90 □ 2215	22f7 ^{-0.020} / _{-0.041}	25H7 ^{+0.021} / ₀	22 ^{+0.052} / ₀	15±0.25	25 ^{+0.075} / _{+0.035}
TCB90 □ 2220				20±0.25	
TCB90 □ 2225				25±0.25	
TCB90 □ 2230				30±0.25	
TCB90 □ 2515	25f7 ^{-0.020} / _{-0.041}	28H7 ^{+0.021} / ₀	25 ^{+0.052} / ₀	15±0.25	28 ^{+0.075} / _{+0.035}
TCB90 □ 2520				20±0.25	
TCB90 □ 2525				25±0.25	
TCB90 □ 2530				30±0.25	

TCB90 Series Normal Metric Bushing

Designation	Shaft Dia. $\varnothing d_j$	Housing $\varnothing D_H$	Press in H7 housing I.D. $\varnothing d$	High L	O.D. $\varnothing D$
TCB90 □ 2540	25f7 $\begin{matrix} -0.020 \\ -0.041 \end{matrix}$	28H7 $\begin{matrix} +0.021 \\ 0 \end{matrix}$	25 $\begin{matrix} +0.052 \\ 0 \end{matrix}$	40±0.25	28 $\begin{matrix} +0.075 \\ +0.035 \end{matrix}$
TCB90 □ 2815	28f7 $\begin{matrix} -0.020 \\ -0.041 \end{matrix}$	31H7 $\begin{matrix} +0.025 \\ 0 \end{matrix}$	28 $\begin{matrix} +0.052 \\ 0 \end{matrix}$	15±0.25	31 $\begin{matrix} +0.085 \\ +0.045 \end{matrix}$
TCB90 □ 2820				20±0.25	
TCB90 □ 2825				25±0.25	
TCB90 □ 2830				30±0.25	
TCB90 □ 3020	30f7 $\begin{matrix} -0.020 \\ -0.041 \end{matrix}$	34H7 $\begin{matrix} +0.025 \\ 0 \end{matrix}$	30 $\begin{matrix} +0.052 \\ 0 \end{matrix}$	20±0.25	34 $\begin{matrix} +0.085 \\ +0.045 \end{matrix}$
TCB90 □ 3030				30±0.25	
TCB90 □ 3040				40±0.25	
TCB90 □ 3520	35f7 $\begin{matrix} -0.025 \\ -0.050 \end{matrix}$	39H7 $\begin{matrix} +0.025 \\ 0 \end{matrix}$	35 $\begin{matrix} +0.062 \\ 0 \end{matrix}$	20±0.25	39 $\begin{matrix} +0.085 \\ +0.045 \end{matrix}$
TCB90 □ 3530				30±0.25	
TCB90 □ 3540				40±0.25	
TCB90 □ 3550				50±0.25	
TCB90 □ 4020	40f7 $\begin{matrix} -0.025 \\ -0.050 \end{matrix}$	44H7 $\begin{matrix} +0.025 \\ 0 \end{matrix}$	40 $\begin{matrix} +0.062 \\ 0 \end{matrix}$	20±0.25	44 $\begin{matrix} +0.085 \\ +0.045 \end{matrix}$
TCB90 □ 4030				30±0.25	
TCB90 □ 4040				40±0.25	
TCB90 □ 4530	45f7 $\begin{matrix} -0.025 \\ -0.050 \end{matrix}$	50H7 $\begin{matrix} +0.025 \\ 0 \end{matrix}$	45 $\begin{matrix} +0.062 \\ 0 \end{matrix}$	30±0.25	50 $\begin{matrix} +0.085 \\ +0.045 \end{matrix}$
TCB90 □ 4540				40±0.25	
TCB90 □ 4550				50±0.25	
TCB90 □ 5030	50f7 $\begin{matrix} -0.025 \\ -0.050 \end{matrix}$	55H7 $\begin{matrix} +0.030 \\ 0 \end{matrix}$	50 $\begin{matrix} +0.062 \\ 0 \end{matrix}$	30±0.25	55 $\begin{matrix} +0.100 \\ +0.055 \end{matrix}$
TCB90 □ 5040				40±0.25	
TCB90 □ 5050				50±0.25	
TCB90 □ 5525	55f7 $\begin{matrix} -0.030 \\ -0.060 \end{matrix}$	60H7 $\begin{matrix} +0.030 \\ 0 \end{matrix}$	55 $\begin{matrix} +0.074 \\ 0 \end{matrix}$	25±0.25	60 $\begin{matrix} +0.100 \\ +0.055 \end{matrix}$
TCB90 □ 5530				30±0.25	
TCB90 □ 5540	55f7 $\begin{matrix} -0.030 \\ -0.060 \end{matrix}$	60H7 $\begin{matrix} +0.030 \\ 0 \end{matrix}$	55 $\begin{matrix} +0.074 \\ 0 \end{matrix}$	40±0.25	60 $\begin{matrix} +0.100 \\ +0.055 \end{matrix}$
TCB90 □ 5550				50±0.25	
TCB90 □ 6030	60f7 $\begin{matrix} -0.030 \\ -0.060 \end{matrix}$	65H7 $\begin{matrix} +0.030 \\ 0 \end{matrix}$	60 $\begin{matrix} +0.074 \\ 0 \end{matrix}$	30±0.25	65 $\begin{matrix} +0.100 \\ +0.055 \end{matrix}$
TCB90 □ 6050				50±0.25	
TCB90 □ 6060				60±0.25	
TCB90 □ 6530	65f7 $\begin{matrix} -0.030 \\ -0.060 \end{matrix}$	70H7 $\begin{matrix} +0.030 \\ 0 \end{matrix}$	65 $\begin{matrix} +0.074 \\ 0 \end{matrix}$	30±0.25	70 $\begin{matrix} +0.100 \\ +0.055 \end{matrix}$
TCB90 □ 6550				50±0.25	
TCB90 □ 6560				60±0.25	
TCB90 □ 7030	70f7 $\begin{matrix} -0.030 \\ -0.060 \end{matrix}$	75H7 $\begin{matrix} +0.030 \\ 0 \end{matrix}$	70 $\begin{matrix} +0.074 \\ 0 \end{matrix}$	30±0.25	75 $\begin{matrix} +0.100 \\ +0.055 \end{matrix}$
TCB90 □ 7050				50±0.25	
TCB90 □ 7060				60±0.25	
TCB90 □ 7080				80±0.25	
TCB90 □ 7530	75f7 $\begin{matrix} -0.030 \\ -0.060 \end{matrix}$	80H7 $\begin{matrix} +0.035 \\ 0 \end{matrix}$	75 $\begin{matrix} +0.074 \\ 0 \end{matrix}$	30±0.25	80 $\begin{matrix} +0.100 \\ +0.055 \end{matrix}$
TCB90 □ 7550				50±0.25	
TCB90 □ 7560				60±0.25	
TCB90 □ 7580				80±0.25	
TCB90 □ 8040	80f7 $\begin{matrix} -0.036 \\ -0.071 \end{matrix}$	85H7 $\begin{matrix} +0.035 \\ 0 \end{matrix}$	80 $\begin{matrix} +0.087 \\ 0 \end{matrix}$	40±0.25	85 $\begin{matrix} +0.120 \\ +0.070 \end{matrix}$
TCB90 □ 8050				50±0.25	
TCB90 □ 8060				60±0.25	
TCB90 □ 8080				80±0.25	

TCB90 Series Normal Metric Bushing

Designation	Shaft Dia. Ø d _f	Housing Ø D _H	Press in H7 housing I.D. Ø d	High L	O.D. Ø D
TCB90 □ 8550	85f7 ^{-0.036} / _{-0.071}	90H7 ^{+0.035} / ₀	85 ^{+0.087} / ₀	50±0.50	90 ^{+0.120} / _{+0.070}
TCB90 □ 8560				60±0.50	
TCB90 □ 8580				80±0.50	
TCB90 □ 9050	90f7 ^{-0.036} / _{-0.071}	95H7 ^{+0.035} / ₀	90 ^{+0.087} / ₀	50±0.50	95 ^{+0.120} / _{+0.070}
TCB90 □ 9060				60±0.50	
TCB90 □ 9080				80±0.50	
TCB90 □ 90100				100±0.50	
TCB90 □ 9550	95f7 ^{-0.036} / _{-0.071}	100H7 ^{+0.035} / ₀	95 ^{+0.087} / ₀	50±0.50	100 ^{+0.120} / _{+0.070}
TCB90 □ 95100				100±0.50	
TCB90 □ 10050	100f7 ^{-0.036} / _{-0.071}	105H7 ^{+0.035} / ₀	100 ^{+0.087} / ₀	50±0.50	105 ^{+0.120} / _{+0.070}
TCB90 □ 100100				100±0.50	
TCB90 □ 10560	105f7 ^{-0.036} / _{-0.071}	110H7 ^{+0.035} / ₀	105 ^{+0.087} / ₀	60±0.50	110 ^{+0.120} / _{+0.070}
TCB90 □ 105100				100±0.50	
TCB90 □ 11060	110f7 ^{-0.036} / _{-0.071}	115H7 ^{+0.035} / ₀	110 ^{+0.087} / ₀	60±0.50	115 ^{+0.120} / _{+0.070}
TCB90 □ 11080				80±0.50	
TCB90 □ 110100				100±0.50	
TCB90 □ 11560	115f7 ^{-0.036} / _{-0.071}	120H7 ^{+0.040} / ₀	115 ^{+0.087} / ₀	60±0.50	120 ^{+0.120} / _{+0.070}
TCB90 □ 11580				80±0.50	
TCB90 □ 115100				100±0.50	
TCB90 □ 12060	120f7 ^{-0.043} / _{-0.083}	125H7 ^{+0.040} / ₀	120 ^{+0.100} / ₀	60±0.50	125 ^{+0.170} / _{+0.100}
TCB90 □ 12080				80±0.50	
TCB90 □ 120100				100±0.50	
TCB90 □ 125100	120f7 ^{-0.043} / _{-0.083}	130H7 ^{+0.040} / ₀	125 ^{+0.100} / ₀	100±0.50	130 ^{+0.170} / _{+0.100}
TCB90 □ 13060	130f7 ^{-0.043} / _{-0.083}	135H7 ^{+0.040} / ₀	130 ^{+0.100} / ₀	60±0.50	135 ^{+0.170} / _{+0.100}
TCB90 □ 130100				100±0.50	
TCB90 □ 13560	135f7 ^{-0.043} / _{-0.083}	140H7 ^{+0.040} / ₀	135 ^{+0.100} / ₀	60±0.50	140 ^{+0.170} / _{+0.100}
TCB90 □ 135100				100±0.50	
TCB90 □ 14060	140f7 ^{-0.043} / _{-0.083}	145H7 ^{+0.040} / ₀	140 ^{+0.100} / ₀	60±0.50	145 ^{+0.170} / _{+0.100}
TCB90 □ 140100				100±0.50	
TCB90 □ 14560	145f7 ^{-0.043} / _{-0.083}	150H7 ^{+0.040} / ₀	145 ^{+0.100} / ₀	60±0.50	150 ^{+0.170} / _{+0.100}
TCB90 □ 14580				80±0.50	
TCB90 □ 145100				100±0.50	
TCB90 □ 15060	150f7 ^{-0.043} / _{-0.083}	155H7 ^{+0.040} / ₀	150 ^{+0.100} / ₀	60±0.50	155 ^{+0.170} / _{+0.100}
TCB90 □ 150100				100±0.50	
TCB90 □ 15560	155f7 ^{-0.043} / _{-0.083}	160H7 ^{+0.040} / ₀	155 ^{+0.100} / ₀	60±0.50	160 ^{+0.170} / _{+0.100}
TCB90 □ 155100				100±0.50	
TCB90 □ 16060	160f7 ^{-0.043} / _{-0.083}	165H7 ^{+0.040} / ₀	160 ^{+0.100} / ₀	60±0.50	165 ^{+0.170} / _{+0.100}
TCB90 □ 160100				100±0.50	
TCB90 □ 16560	165f7 ^{-0.043} / _{-0.083}	170H7 ^{+0.040} / ₀	165 ^{+0.100} / ₀	60±0.50	170 ^{+0.170} / _{+0.100}
TCB90 □ 165100				100±0.50	
TCB90 □ 17060	170f7 ^{-0.043} / _{-0.083}	175H7 ^{+0.040} / ₀	175 ^{+0.100} / ₀	60±0.75	175 ^{+0.170} / _{+0.100}
TCB90 □ 170100				100±0.75	
TCB90 □ 17560	175f7 ^{-0.043} / _{-0.083}	180H7 ^{+0.040} / ₀	175 ^{+0.100} / ₀	60±0.75	180 ^{+0.170} / _{+0.100}

