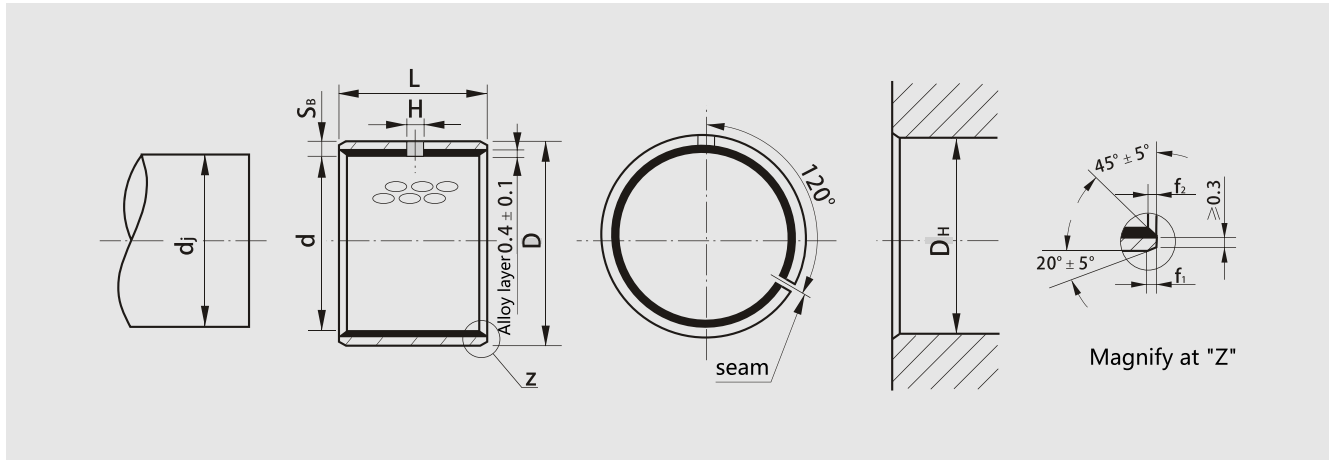


TCB301 Series Normal Metric Bushing



Designation	Shaft Dia Ø dj	Housing Ø DH	Installed Bushing I.D Ø d	High L	O.D. Ø D	Wall Thickness S _B	Oil hole Ø H
TCB301 1010	10 h8 _{-0.022} ⁰	12 H7 ₀ ^{+0.018}	10 ₀ ^{+0.145} / _{+0.010}	10±0.25	12 _{+0.030} ^{+0.065}	1 _{-0.065} ^{-0.005}	4
TCB301 1015				15±0.25			
TCB301 1020				20±0.25			
TCB301 1210	12 h8 _{-0.027} ⁰	14 H7 ₀ ^{+0.018}	12 ₀ ^{+0.148} / _{+0.010}	10±0.25	14 _{+0.030} ^{+0.065}	1 _{-0.065} ^{-0.005}	
TCB301 1215				15±0.25			
TCB301 1220				20±0.25			
TCB301 1225				25±0.25			
TCB301 1410	14 h8 _{-0.027} ⁰	16 H7 ₀ ^{+0.018}	14 ₀ ^{+0.148} / _{+0.010}	10±0.25	16 _{+0.030} ^{+0.065}	1 _{-0.065} ^{-0.005}	
TCB301 1415				15±0.25			
TCB301 1420				20±0.25			
TCB301 1425				25±0.25			
TCB301 1510	15 h8 _{-0.027} ⁰	17 H7 ₀ ^{+0.018}	15 ₀ ^{+0.148} / _{+0.010}	10±0.25	17 _{+0.030} ^{+0.065}	1 _{-0.065} ^{-0.005}	
TCB301 1515				15±0.25			
TCB301 1520				20±0.25			
TCB301 1525				25±0.25			
TCB301 1610	16 h8 _{-0.027} ⁰	18 H7 ₀ ^{+0.018}	16 ₀ ^{+0.148} / _{+0.010}	10±0.25	18 _{+0.030} ^{+0.065}	1 _{-0.065} ^{-0.005}	
TCB301 1615				15±0.25			
TCB301 1620				20±0.25			
TCB301 1625				25±0.25			
TCB301 1815	18 h8 _{-0.027} ⁰	20 H7 ₀ ^{+0.021}	18 ₀ ^{+0.151} / _{+0.010}	15±0.25	20 _{+0.035} ^{+0.075}	1 _{-0.065} ^{-0.005}	
TCB301 1820				20±0.25			
TCB301 1825				25±0.25			
TCB301 2010	20 h8 _{-0.033} ⁰	23 H7 ₀ ^{+0.021}	20 ₀ ^{+0.161} / _{+0.020}	10±0.25	23 _{+0.035} ^{+0.075}	1.5 _{-0.07} ^{-0.01}	
TCB301 2015				15±0.25			
TCB301 2020				20±0.25			
TCB301 2025				25±0.25			
TCB301 2030				30±0.25			
TCB301 2215	22 h8 _{-0.033} ⁰	25 H7 ₀ ^{+0.021}	22 ₀ ^{+0.161} / _{+0.020}	15±0.25	25 _{+0.035} ^{+0.075}	1.5 _{-0.07} ^{-0.01}	6

TCB301 Series Normal Metric Bushing

Designation	Shaft Dia $\varnothing dj$	Housing $\varnothing DH$	Installed Bushing I.D $\varnothing d$	High L	O.D. $\varnothing D$	Wall Thickness S_B	Oil hole $\varnothing H$
TCB301 2220	22 h8 $\begin{smallmatrix} 0 \\ -0.033 \end{smallmatrix}$	25 H7 $\begin{smallmatrix} +0.021 \\ 0 \end{smallmatrix}$	22 $\begin{smallmatrix} +0.161 \\ +0.020 \end{smallmatrix}$	20±0.25	25 $\begin{smallmatrix} +0.075 \\ +0.035 \end{smallmatrix}$	1.5 $\begin{smallmatrix} -0.01 \\ -0.07 \end{smallmatrix}$	6
TCB301 2225				25±0.25			
TCB301 2230				30±0.25			
TCB301 2515	25 h8 $\begin{smallmatrix} 0 \\ -0.033 \end{smallmatrix}$	28 H7 $\begin{smallmatrix} +0.021 \\ 0 \end{smallmatrix}$	25 $\begin{smallmatrix} +0.161 \\ +0.020 \end{smallmatrix}$	15±0.25	28 $\begin{smallmatrix} +0.075 \\ +0.035 \end{smallmatrix}$	1.5 $\begin{smallmatrix} -0.01 \\ -0.07 \end{smallmatrix}$	
TCB301 2520				20±0.25			
TCB301 2525				25±0.25			
TCB301 2530				30±0.25			
TCB301 2815	28 h8 $\begin{smallmatrix} 0 \\ -0.033 \end{smallmatrix}$	32 H7 $\begin{smallmatrix} +0.025 \\ 0 \end{smallmatrix}$	28 $\begin{smallmatrix} +0.185 \\ +0.040 \end{smallmatrix}$	15±0.25	32 $\begin{smallmatrix} +0.085 \\ +0.045 \end{smallmatrix}$	2 $\begin{smallmatrix} -0.02 \\ -0.08 \end{smallmatrix}$	
TCB301 2820				20±0.25			
TCB301 2825				25±0.25			
TCB301 2830				30±0.25			
TCB301 3015	30 h8 $\begin{smallmatrix} 0 \\ -0.033 \end{smallmatrix}$	34 H7 $\begin{smallmatrix} +0.025 \\ 0 \end{smallmatrix}$	30 $\begin{smallmatrix} +0.185 \\ +0.040 \end{smallmatrix}$	15±0.25	34 $\begin{smallmatrix} +0.085 \\ +0.045 \end{smallmatrix}$	2 $\begin{smallmatrix} -0.02 \\ -0.08 \end{smallmatrix}$	
TCB301 3020				20±0.25			
TCB301 3025				25±0.25			
TCB301 3030				30±0.25			
TCB301 3040				40±0.25			
TCB301 3220	32 h8 $\begin{smallmatrix} 0 \\ -0.039 \end{smallmatrix}$	36 H7 $\begin{smallmatrix} +0.025 \\ 0 \end{smallmatrix}$	32 $\begin{smallmatrix} +0.185 \\ +0.040 \end{smallmatrix}$	20±0.25	36 $\begin{smallmatrix} +0.085 \\ +0.045 \end{smallmatrix}$	2 $\begin{smallmatrix} -0.02 \\ -0.08 \end{smallmatrix}$	
TCB301 3230				30±0.25			
TCB301 3240				40±0.25			
TCB301 3520	35 h8 $\begin{smallmatrix} 0 \\ -0.039 \end{smallmatrix}$	39 H7 $\begin{smallmatrix} +0.025 \\ 0 \end{smallmatrix}$	35 $\begin{smallmatrix} +0.185 \\ +0.040 \end{smallmatrix}$	20±0.25	39 $\begin{smallmatrix} +0.085 \\ +0.045 \end{smallmatrix}$	2 $\begin{smallmatrix} -0.02 \\ -0.08 \end{smallmatrix}$	
TCB301 3530				30±0.25			
TCB301 3540				40±0.25			
TCB301 3550				50±0.25			
TCB301 4020	40 h8 $\begin{smallmatrix} 0 \\ -0.039 \end{smallmatrix}$	44 H7 $\begin{smallmatrix} +0.025 \\ 0 \end{smallmatrix}$	40 $\begin{smallmatrix} +0.185 \\ +0.040 \end{smallmatrix}$	20±0.25	44 $\begin{smallmatrix} +0.085 \\ +0.045 \end{smallmatrix}$	2 $\begin{smallmatrix} -0.02 \\ -0.08 \end{smallmatrix}$	
TCB301 4030				30±0.25			
TCB301 4040				40±0.25			
TCB301 4050				50±0.25			
TCB301 4530	45 h8 $\begin{smallmatrix} 0 \\ -0.039 \end{smallmatrix}$	50 H7 $\begin{smallmatrix} +0.025 \\ 0 \end{smallmatrix}$	45 $\begin{smallmatrix} +0.225 \\ +0.080 \end{smallmatrix}$	30±0.25	50 $\begin{smallmatrix} +0.085 \\ +0.045 \end{smallmatrix}$	2.5 $\begin{smallmatrix} -0.04 \\ -0.10 \end{smallmatrix}$	
TCB301 4540				40±0.25			
TCB301 4545				45±0.25			
TCB301 4550				50±0.25			

Label example			Wall Thickness S_B	Outside Chamfer f_1	Inner Chamfer f_2
Type	I.D.	High	1.0	0.6±0.3	Max0.4
TCB301	45	50	1.5	0.6±0.4	0.4±0.3
			2.0	1.2±0.4	0.6±0.3
			2.5	1.8±0.6	0.6±0.4