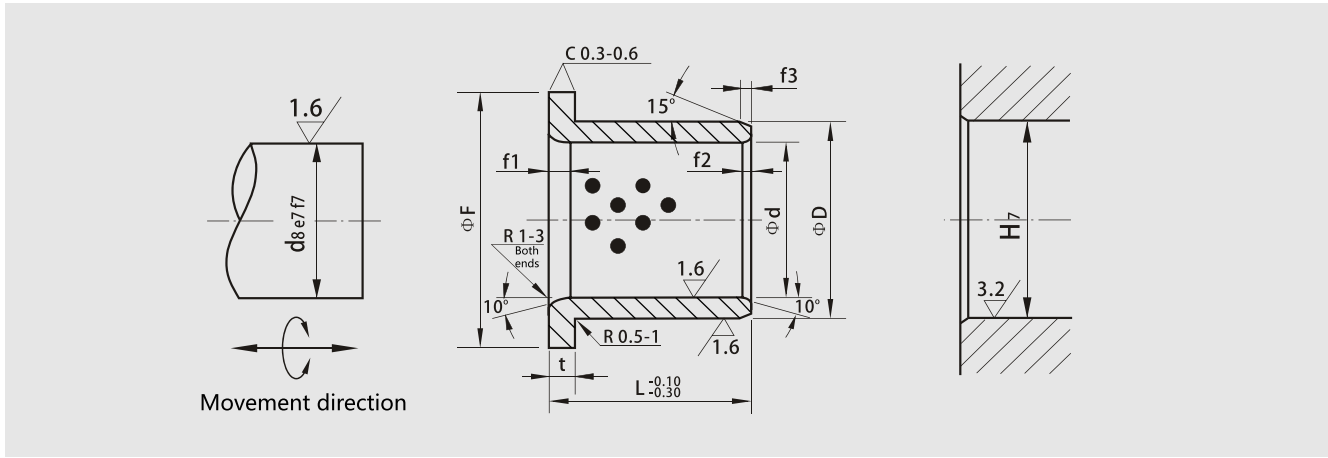


# TCB50F Series Normal Metric Flange Bearing



Designation	Shaft Dia.			Housing Bore	L <sup>-0.1</sup> / <sub>-0.3</sub>	I.D. Ø d	O.D. Ø D	F	t	f1	f2	f3
	Heavy Load	Low Load	high-precision									
	d8	e7	f7									
TCB50 □ F 253320	25 <sup>-0.065</sup> / <sub>-0.098</sub>	25 <sup>-0.040</sup> / <sub>-0.061</sub>	25 <sup>-0.020</sup> / <sub>-0.041</sub>	33 <sup>+0.025</sup> / <sub>0</sub>	20	25 <sup>+0.061</sup> / <sub>+0.040</sub>	33 <sup>+0.050</sup> / <sub>+0.034</sub>	45	5 <sup>0</sup> / <sub>-0.1</sub>	4	2	2
TCB50 □ F 253330					30							
TCB50 □ F 253340					40							
TCB50 □ F 253520	25 <sup>-0.065</sup> / <sub>-0.098</sub>	25 <sup>-0.040</sup> / <sub>-0.061</sub>	25 <sup>-0.020</sup> / <sub>-0.041</sub>	35 <sup>+0.025</sup> / <sub>0</sub>	20	25 <sup>+0.061</sup> / <sub>+0.040</sub>	35 <sup>+0.050</sup> / <sub>+0.034</sub>					
TCB50 □ F 253530					30							
TCB50 □ F 253540					40							
TCB50 □ F 253550					50							
TCB50 □ F 303820	30 <sup>-0.065</sup> / <sub>-0.098</sub>	30 <sup>-0.040</sup> / <sub>-0.061</sub>	30 <sup>-0.020</sup> / <sub>-0.041</sub>	38 <sup>+0.025</sup> / <sub>0</sub>	20	30 <sup>+0.061</sup> / <sub>+0.040</sub>	38 <sup>+0.050</sup> / <sub>+0.034</sub>					
TCB50 □ F 303830					30							
TCB50 □ F 303840					40							
TCB50 □ F 303850					50							
TCB50 □ F 304020	30 <sup>-0.065</sup> / <sub>-0.098</sub>	30 <sup>-0.040</sup> / <sub>-0.061</sub>	30 <sup>-0.020</sup> / <sub>-0.041</sub>	40 <sup>+0.025</sup> / <sub>0</sub>	20	30 <sup>+0.061</sup> / <sub>+0.040</sub>	40 <sup>+0.050</sup> / <sub>+0.034</sub>					
TCB50 □ F 304030					30							
TCB50 □ F 304040					40							
TCB50 □ F 304050					50							
TCB50 □ F 3154020	31.5 <sup>-0.080</sup> / <sub>-0.119</sub>	31.5 <sup>-0.050</sup> / <sub>-0.075</sub>	31.5 <sup>-0.025</sup> / <sub>-0.050</sub>	40 <sup>+0.025</sup> / <sub>0</sub>	20	31.5 <sup>+0.075</sup> / <sub>+0.050</sub>	40 <sup>+0.050</sup> / <sub>+0.034</sub>					
TCB50 □ F 3154030					30							
TCB50 □ F 3154040					40							
TCB50 □ F 354520	35 <sup>-0.080</sup> / <sub>-0.119</sub>	35 <sup>-0.050</sup> / <sub>-0.075</sub>	35 <sup>-0.025</sup> / <sub>-0.050</sub>	45 <sup>+0.025</sup> / <sub>0</sub>	20	35 <sup>+0.075</sup> / <sub>+0.050</sub>	45 <sup>+0.050</sup> / <sub>+0.034</sub>					
TCB50 □ F 354530					30							
TCB50 □ F 354540					40							
TCB50 □ F 354550					50							
TCB50 □ F 405020	40 <sup>-0.080</sup> / <sub>-0.119</sub>	40 <sup>-0.050</sup> / <sub>-0.075</sub>	40 <sup>-0.025</sup> / <sub>-0.050</sub>	50 <sup>+0.025</sup> / <sub>0</sub>	20	40 <sup>+0.075</sup> / <sub>+0.050</sub>	50 <sup>+0.050</sup> / <sub>+0.034</sub>					
TCB50 □ F 405030					30							
TCB50 □ F 405040					40							
TCB50 □ F 405060					60							
TCB50 □ F 455530	45 <sup>-0.080</sup> / <sub>-0.119</sub>	45 <sup>-0.050</sup> / <sub>-0.075</sub>	45 <sup>-0.025</sup> / <sub>-0.050</sub>	55 <sup>+0.030</sup> / <sub>0</sub>	30	45 <sup>+0.075</sup> / <sub>+0.050</sub>	55 <sup>+0.060</sup> / <sub>+0.041</sub>	70				

# TCB50F Series Normal Metric Flange Bearing

Designation	Shaft Dia.			Housing Bore	L $_{-0.3}^{-0.1}$	I.D. $\varnothing d$	O.D. $\varnothing D$	F	t	f1	f2	f3
	Heavy Load	Low Load	high-precision									
	d8	e7	f7									
TCB50 □ F 455540	45 $_{-0.119}^{-0.080}$	45 $_{-0.075}^{-0.050}$	45 $_{-0.050}^{-0.025}$	55 $_{0}^{+0.030}$	40	45 $_{+0.050}^{+0.075}$	55 $_{+0.041}^{+0.060}$	70	5 $_{-0.1}^{0}$	4	2	2
TCB50 □ F 455550					50							
TCB50 □ F 455560					60							
TCB50 □ F 506030	50 $_{-0.119}^{-0.080}$	50 $_{-0.075}^{-0.050}$	50 $_{-0.050}^{-0.025}$	60 $_{0}^{+0.030}$	30	50 $_{+0.050}^{+0.075}$	60 $_{+0.041}^{+0.060}$	75	5 $_{-0.1}^{0}$	4	3	3
TCB50 □ F 506040					40							
TCB50 □ F 506050					50							
TCB50 □ F 506060	55 $_{-0.146}^{-0.100}$	55 $_{-0.090}^{-0.060}$	55 $_{-0.060}^{-0.030}$	65 $_{0}^{+0.030}$	40	55 $_{+0.060}^{+0.090}$	65 $_{+0.041}^{+0.060}$	80	5 $_{-0.1}^{0}$	4	3	3
TCB50 □ F 556540					60							
TCB50 □ F 556560					60							
TCB50 □ F 557040	55 $_{-0.146}^{-0.100}$	55 $_{-0.090}^{-0.060}$	55 $_{-0.060}^{-0.030}$	70 $_{0}^{+0.030}$	40	55 $_{+0.060}^{+0.090}$	70 $_{+0.043}^{+0.062}$	80	5 $_{-0.1}^{0}$	4	3	3
TCB50 □ F 557060					60							
TCB50 □ F 607540					60 $_{-0.146}^{-0.100}$							
TCB50 □ F 607550	50											
TCB50 □ F 607560	60											
TCB50 □ F 607580	80											
TCB50 □ F 6375675	63 $_{-0.146}^{-0.100}$	63 $_{-0.090}^{-0.060}$	63 $_{-0.060}^{-0.030}$	75 $_{0}^{+0.030}$	67.5	63 $_{+0.060}^{+0.090}$	75 $_{+0.043}^{+0.062}$	95	7.5 $_{-0.1}^{0}$	6	4	4
TCB50 □ F 658040					40							
TCB50 □ F 658060					60							
TCB50 □ F 658080	65 $_{-0.146}^{-0.100}$	65 $_{-0.090}^{-0.060}$	65 $_{-0.060}^{-0.030}$	80 $_{0}^{+0.030}$	80	65 $_{+0.060}^{+0.090}$	80 $_{+0.043}^{+0.062}$	95	7.5 $_{-0.1}^{0}$	6	4	4
TCB50 □ F 708550					50							
TCB50 □ F 708580					80							
TCB50 □ F 759060	70 $_{-0.146}^{-0.100}$	70 $_{-0.090}^{-0.060}$	70 $_{-0.060}^{-0.030}$	85 $_{0}^{+0.035}$	50	70 $_{+0.060}^{+0.090}$	85 $_{+0.051}^{+0.073}$	105	10 $_{-0.1}^{0}$	8	5	5
TCB50 □ F 759080					80							
TCB50 □ F 8010050					75 $_{-0.146}^{-0.100}$							
TCB50 □ F 8010060	80											
TCB50 □ F 8010080	100											
TCB50 □ F 80100100	100											
TCB50 □ F 9011050	80 $_{-0.146}^{-0.100}$	80 $_{-0.090}^{-0.060}$	80 $_{-0.060}^{-0.030}$	100 $_{0}^{+0.035}$	50	80 $_{+0.060}^{+0.090}$	100 $_{+0.051}^{+0.073}$	120	10 $_{-0.1}^{0}$	8	5	5
TCB50 □ F 9011060					60							
TCB50 □ F 9011080					80							
TCB50 □ F 90110100					100							
TCB50 □ F 10012060	90 $_{-0.174}^{-0.120}$	90 $_{-0.107}^{-0.072}$	90 $_{-0.071}^{-0.036}$	110 $_{0}^{+0.035}$	50	90 $_{+0.072}^{+0.107}$	110 $_{+0.054}^{+0.076}$	130	10 $_{-0.1}^{0}$	8	5	5
TCB50 □ F 10012080					60							
TCB50 □ F 100120100					100							
TCB50 □ F 12014060	100 $_{-0.174}^{-0.120}$	100 $_{-0.107}^{-0.072}$	100 $_{-0.071}^{-0.036}$	120 $_{0}^{+0.035}$	60	100 $_{+0.072}^{+0.107}$	120 $_{+0.054}^{+0.076}$	150	10 $_{-0.1}^{0}$	8	5	5
TCB50 □ F 12014080					80							
TCB50 □ F 120140100					100							
TCB50 □ F 12014060	120 $_{-0.174}^{-0.120}$	120 $_{-0.107}^{-0.072}$	120 $_{-0.071}^{-0.036}$	140 $_{0}^{+0.040}$	60	120 $_{+0.072}^{+0.107}$	140 $_{+0.063}^{+0.088}$	170	10 $_{-0.1}^{0}$	8	5	5
TCB50 □ F 12014080					80							
TCB50 □ F 120140100					100							

Label mode

Type

TCB50 □ F

I.D.

120

O.D.

140

High

100



K303T No sign

F404 Sign B