

SP5B Oiles 500SP5 SL1 Ultrathin Bushings

NEW



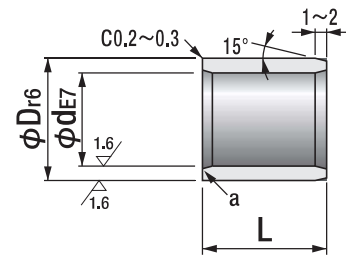
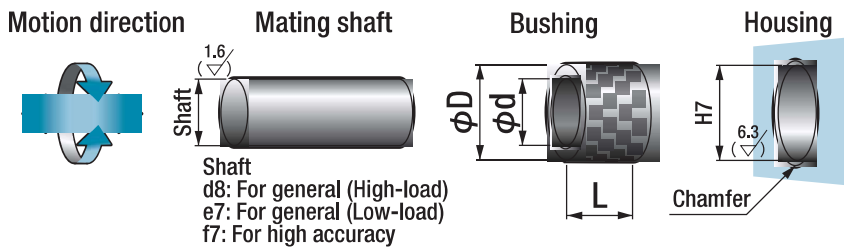
A long-life bearing with compact design and high durability.

Its wall thickness is 33-50% thinner comparing to #500SP1-SL1 "SPB series (P183)".

As it is made of OILES original metal material that has high strength and wear resistance, it has a long operating life inspite of possessing a thin wall.

Specify Part No. by required I.D., O.D. and Length.
(e.g.) I.D. is 10mm, O.D. is 12mm, and length is 15mm.

SP5B - 101215
Parts No.



a : Chamfer at I.D.

Below L20	R0.5
Over L20	Taper (10°, 2.5mm)

I.D.		O.D.		Thickness mm	Length L							Tolerance $\begin{matrix} -0.1 \\ -0.3 \end{matrix}$	I.D. tolerance after press fitting (reference)
ϕd	Tolerance	ϕD	Tolerance		8	10	12	15	16	20	25		
6	$\begin{matrix} +0.032 \\ +0.020 \end{matrix}$	8	$\begin{matrix} +0.028 \\ +0.019 \end{matrix}$	1.0	060808	060810	060812	060815	060816				$\begin{matrix} +0.016 \\ +0.004 \end{matrix}$
8	$\begin{matrix} +0.040 \\ +0.025 \end{matrix}$	10	$\begin{matrix} +0.028 \\ +0.019 \end{matrix}$	1.0	081008	081010	081012	081015	081016				$\begin{matrix} +0.024 \\ +0.009 \end{matrix}$
10	$\begin{matrix} +0.040 \\ +0.025 \end{matrix}$	12	$\begin{matrix} +0.034 \\ +0.023 \end{matrix}$	1.0		101210	101212	101215	101216				$\begin{matrix} +0.021 \\ +0.006 \end{matrix}$
12	$\begin{matrix} +0.050 \\ +0.032 \end{matrix}$	15	$\begin{matrix} +0.034 \\ +0.023 \end{matrix}$	1.5			121512	121515	121516	121520			$\begin{matrix} +0.031 \\ +0.013 \end{matrix}$
15	$\begin{matrix} +0.050 \\ +0.032 \end{matrix}$	18	$\begin{matrix} +0.034 \\ +0.023 \end{matrix}$	1.5			151812	151815	151816	151820			$\begin{matrix} +0.031 \\ +0.013 \end{matrix}$
16	$\begin{matrix} +0.050 \\ +0.032 \end{matrix}$	20	$\begin{matrix} +0.041 \\ +0.028 \end{matrix}$	2.0			162012	162015	162016	162020	162025		$\begin{matrix} +0.026 \\ +0.008 \end{matrix}$
20	$\begin{matrix} +0.061 \\ +0.040 \end{matrix}$	24	$\begin{matrix} +0.041 \\ +0.028 \end{matrix}$	2.0				202415	202416	202420	202425	202430	$\begin{matrix} +0.037 \\ +0.016 \end{matrix}$
25	$\begin{matrix} +0.061 \\ +0.040 \end{matrix}$	29	$\begin{matrix} +0.041 \\ +0.028 \end{matrix}$	2.0					252916	252920	252925	252930	$\begin{matrix} +0.037 \\ +0.016 \end{matrix}$

※The I.D. tolerance is reference value as press fitting into H7 housing.