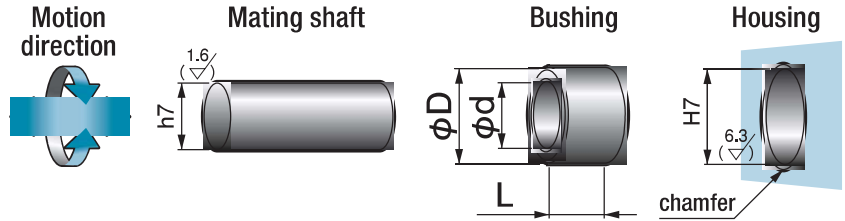


# 30B Oiles 300 Bushings



Specify Part No. by required I.D., O.D., and Length.  
(e.g.) I.D. is 25mm, O.D. is 37mm, and length is 20mm.

**30B - 253720**  
Parts No.

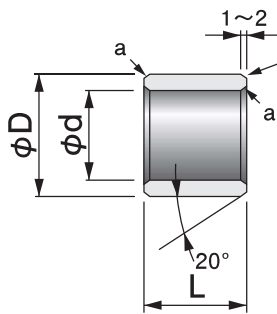


- Use Oiles 300 in lubrication oil or with periodic lubrication.

I.D.		O.D.		Length L													Tolerance $_{-0.2}^0$	I.D. tolerance after press fitting (reference)
φd	Tolerance	φD	Tolerance	5	6	8	10	12	15	16	20	25	30	35	40	50		
5	$+0.058$ $+0.040$	8	$+0.034$ $+0.019$	050805	050806	050808												$+0.030$ $+0.012$
6	$+0.058$ $+0.040$	10	$+0.034$ $+0.019$	061005	061006	061008	061010											$+0.030$ $+0.012$
8	$+0.068$ $+0.046$	12	$+0.041$ $+0.023$		081206	081208	081210	081212	081215									$+0.034$ $+0.012$
10	$+0.068$ $+0.046$	14	$+0.041$ $+0.023$		101406	101408	101410	101412	101415		101420							$+0.034$ $+0.012$
10	$+0.068$ $+0.046$	16	$+0.041$ $+0.023$		101606	101608	101610	101612	101615		101620							$+0.045$ $+0.023$
10	$+0.068$ $+0.046$	18	$+0.041$ $+0.023$			101808	101810	101812	101815		101820							$+0.045$ $+0.023$
12	$+0.068$ $+0.041$	18	$+0.041$ $+0.023$			121808	121810	121812	121815	121816	121820	121825						$+0.045$ $+0.018$
12	$+0.068$ $+0.041$	20	$+0.049$ $+0.028$				122010	122012	122015		122020	122025						$+0.040$ $+0.013$
14	$+0.068$ $+0.041$	20	$+0.049$ $+0.028$				142010	142012	142015		142020	142025						$+0.040$ $+0.013$
14	$+0.068$ $+0.041$	22	$+0.049$ $+0.028$				142210	142212	142215		142220	142225						$+0.040$ $+0.013$
15	$+0.068$ $+0.041$	22	$+0.049$ $+0.028$						152215	152216	152220	152225						$+0.040$ $+0.013$
16	$+0.068$ $+0.041$	22	$+0.049$ $+0.028$						162215	162216	162220	162225	162230	162235				$+0.040$ $+0.013$
16	$+0.068$ $+0.041$	25	$+0.049$ $+0.028$						162515		162520	162525	162530					$+0.040$ $+0.013$
18	$+0.068$ $+0.041$	25	$+0.049$ $+0.028$						182515		182520	182525	182530					$+0.040$ $+0.013$
18	$+0.068$ $+0.041$	28	$+0.049$ $+0.028$						182815		182820	182825	182830					$+0.040$ $+0.013$
20	$+0.088$ $+0.055$	28	$+0.049$ $+0.028$						202815	202816	202820	202825	202830	202835	202840			$+0.060$ $+0.027$
20	$+0.088$ $+0.055$	30	$+0.049$ $+0.028$								203020	203025	203030	203035	203040			$+0.060$ $+0.027$
22	$+0.088$ $+0.055$	30	$+0.049$ $+0.028$								223020	223025	223030		223040			$+0.060$ $+0.027$
22	$+0.088$ $+0.055$	32	$+0.059$ $+0.034$								223220	223225	223230		223240			$+0.054$ $+0.021$
25	$+0.088$ $+0.055$	33	$+0.059$ $+0.034$							253316	253320	253325	253330		253340	253350		$+0.054$ $+0.021$
25	$+0.088$ $+0.055$	35	$+0.059$ $+0.034$								253520	253525	253530	253535	253540	253550		$+0.054$ $+0.021$
25	$+0.088$ $+0.055$	37	$+0.059$ $+0.034$								253720		253730		253740			$+0.054$ $+0.021$
28	$+0.088$ $+0.055$	38	$+0.059$ $+0.034$									283825			283840			$+0.054$ $+0.021$
28	$+0.088$ $+0.055$	40	$+0.059$ $+0.034$									284025			284040			$+0.054$ $+0.021$
30	$+0.088$ $+0.055$	38	$+0.059$ $+0.034$								303820	303825	303830		303840	303850		$+0.054$ $+0.021$
30	$+0.088$ $+0.055$	40	$+0.059$ $+0.034$								304020	304025	304030	304035	304040	304050		$+0.054$ $+0.021$
30	$+0.088$ $+0.055$	42	$+0.059$ $+0.034$									304225	304230		304240			$+0.054$ $+0.021$
32	$+0.112$ $+0.073$	42	$+0.059$ $+0.034$										324230		324240			$+0.078$ $+0.039$
32	$+0.112$ $+0.073$	45	$+0.059$ $+0.034$										324530		324540			$+0.078$ $+0.039$

※The I.D. tolerance after press fitting is for reference only.

▲ The dimensional tolerances are the values measured at +25°C.



**a: Chamfering**

$\phi d$	~22	~95	100
a	C0.3	C0.5	C1※ (mm)

※C0.5 for 30B-10012080

I.D.		O.D.		Length L $_{-0.2}^0$				Length L $_{-0.4}^0$			I.D. tolerance after press fitting (reference)
$\phi d$	Tolerance	$\phi D$	Tolerance	30	40	50	60	80	100	120	
35	$+0.112$ $+0.073$	45	$+0.059$ $+0.034$	<b>354530</b>	<b>354540</b>	<b>354550</b>					$+0.078$ $+0.039$
35	$+0.112$ $+0.073$	48	$+0.059$ $+0.034$	<b>354830</b>	<b>354840</b>	<b>354850</b>					$+0.078$ $+0.039$
40	$+0.112$ $+0.073$	50	$+0.059$ $+0.034$	<b>405030</b>	<b>405040</b>	<b>405050</b>					$+0.078$ $+0.039$
40	$+0.112$ $+0.073$	55	$+0.073$ $+0.041$	<b>405530</b>	<b>405540</b>	<b>405550</b>					$+0.070$ $+0.031$
45	$+0.112$ $+0.073$	55	$+0.073$ $+0.041$		<b>455540</b>	<b>455550</b>					$+0.070$ $+0.031$
45	$+0.112$ $+0.073$	60	$+0.073$ $+0.041$		<b>456040</b>	<b>456050</b>					$+0.070$ $+0.031$
50	$+0.112$ $+0.073$	60	$+0.073$ $+0.041$		<b>506040</b>	<b>506050</b>	<b>506060</b>				$+0.070$ $+0.031$
50	$+0.112$ $+0.073$	65	$+0.073$ $+0.041$		<b>506540</b>	<b>506550</b>	<b>506560</b>				$+0.070$ $+0.031$
55	$+0.144$ $+0.098$	70	$+0.073$ $+0.041$			<b>557050</b>	<b>557060</b>				$+0.102$ $+0.056$
55	$+0.144$ $+0.098$	75	$+0.073$ $+0.041$			<b>557550</b>	<b>557560</b>				$+0.102$ $+0.056$
60	$+0.144$ $+0.098$	75	$+0.073$ $+0.041$			<b>607550</b>	<b>607560</b>	<b>607580</b>			$+0.102$ $+0.056$
60	$+0.144$ $+0.098$	80	$+0.073$ $+0.041$			<b>608050</b>	<b>608060</b>	<b>608080</b>			$+0.102$ $+0.056$
65	$+0.144$ $+0.098$	80	$+0.073$ $+0.041$				<b>658060</b>	<b>658080</b>			$+0.102$ $+0.056$
65	$+0.144$ $+0.098$	85	$+0.089$ $+0.051$				<b>658560</b>	<b>658580</b>			$+0.092$ $+0.046$
70	$+0.144$ $+0.098$	85	$+0.089$ $+0.051$				<b>708560</b>	<b>708580</b>			$+0.092$ $+0.046$
70	$+0.144$ $+0.098$	90	$+0.089$ $+0.051$				<b>709060</b>	<b>709080</b>			$+0.092$ $+0.046$
75	$+0.144$ $+0.098$	90	$+0.089$ $+0.051$				<b>759060</b>	<b>759080</b>			$+0.092$ $+0.046$
75	$+0.144$ $+0.098$	95	$+0.089$ $+0.051$				<b>759560</b>	<b>759580</b>			$+0.092$ $+0.046$
80	$+0.144$ $+0.098$	95	$+0.089$ $+0.051$				<b>809560</b>	<b>809580</b>	<b>8095100</b>		$+0.092$ $+0.046$
80	$+0.144$ $+0.098$	100	$+0.089$ $+0.051$				<b>801060</b>	<b>8010080</b>	<b>80100100</b>		$+0.092$ $+0.046$
85	$+0.188$ $+0.134$	100	$+0.089$ $+0.051$					<b>8510080</b>	<b>85100100</b>		$+0.136$ $+0.082$
85	$+0.188$ $+0.134$	105	$+0.089$ $+0.051$					<b>8510580</b>	<b>85105100</b>		$+0.136$ $+0.082$
90	$+0.188$ $+0.134$	110	$+0.089$ $+0.051$					<b>9011080</b>	<b>90110100</b>		$+0.136$ $+0.082$
90	$+0.188$ $+0.134$	115	$+0.089$ $+0.051$					<b>9011580</b>	<b>90115100</b>		$+0.136$ $+0.082$
95	$+0.188$ $+0.134$	115	$+0.089$ $+0.051$					<b>9511580</b>	<b>95115100</b>		$+0.136$ $+0.082$
95	$+0.188$ $+0.134$	120	$+0.089$ $+0.051$					<b>9512080</b>	<b>95120100</b>		$+0.136$ $+0.082$
100	$+0.188$ $+0.134$	120	$+0.089$ $+0.051$					<b>10012080</b>	<b>100120100</b>	<b>100120120</b>	$+0.136$ $+0.082$
100	$+0.188$ $+0.134$	125	$+0.108$ $+0.063$					<b>10012580</b>	<b>100125100</b>	<b>100125120</b>	$+0.123$ $+0.069$

※The I.D. tolerance after press fitting is for reference only.