



Engineered Plastic Solutions™

CJ Bearings Standard Wall — 1/8"

Only braided and RULON F tape lined bearings are available as standard sizes listed in this catalog. Knitted liners and other RULON tapes are available as special orders.

This series is designed to replace SAE sized porous powdered metal bearings below 3" ID.

Nominal I.D. x O.D.	I.D. (A)	O.D. (B)	Recommended Housing Bore	Press Fit	Recommended Shaft Size	Length* (L)	CJ Part Number
1/2 x 3/4	.5040	.7515	.7500	.0020	.4990	1/2	CJ08E12-4
	.5020	.7505	.7495	.0005	.4985	3/4	CJ08E12-6
						1	CJ08E12-8
5/8 x 7/8	.6290	.8765	.8750	.0020	.6240	1/2	CJ10E14-4
	.6270	.8755	.8745	.0005	.6235	3/4	CJ10E14-6
						1	CJ10E14-8
3/4 x 1	.7555	1.0025	1.0000	.0030	.7490	1/2	CJ12E16-4
	.7525	1.0005	.9995	.0005	.7485	3/4	CJ12E16-6
						1	CJ12E16-8
7/8 x 1 1/8	.8805	1.1275	1.1250	.0030	.8745	Up to 12"	CJ14E18-
	.8775	1.1255	1.1245	.0005	.8740		
1 x 1 1/4	1.0055	1.2525	1.2500	.0030	.9990	1/2	CJ16E20-4
	1.0025	1.2505	1.2495	.0005	.9985	5/8	CJ16E20-5
						3/4	CJ16E20-6
						1	CJ16E20-8
						1 1/4	CJ16E20-10
1 1/8 x 1 3/8	1.1335	1.3785	1.3750	.0040	1.1250	1/2	CJ18E22-4
	1.1305	1.3765	1.3745	.0015	1.1245	1	CJ18E22-8
						2	CJ18E22-16
1 1/4 x 1 1/2	1.2555	1.5025	1.5000	.0030	1.2490	1	CJ20E24-8
	1.2525	1.5005	1.4995	.0005	1.2485	1 1/2	CJ20E24-12
						2	CJ20E24-16
1 3/8 x 1 5/8	1.3830	1.6285	1.6250	.0040	1.3745	Up to 18"	CJ22E26-
	1.3790	1.6265	1.6245	.0015	1.3735		
1 1/2 x 1 3/4	1.5080	1.7535	1.7500	.0040	1.4995	1 1/2	CJ24E28-12
	1.5040	1.7515	1.7495	.0015	1.4990	2	CJ24E28-16
						3	CJ24E28-24
1 5/8 x 1 7/8	1.6330	1.8785	1.8750	.0040	1.6245	Up to 18"	CJ26E30-
	1.6290	1.8765	1.8745	.0015	1.6240		
1 3/4 x 2	1.7580	2.0035	2.0000	.0040	1.7495	Up to 18"	CJ28E32-
	1.7540	2.0015	1.9995	.0015	1.7490		
2 x 2 1/4	2.0080	2.2535	2.2505	.0040	1.9995	1 1/2	CJ32E36-12
	2.0040	2.2515	2.2495	.0010	1.9985	2	CJ32E36-16
						3	CJ32E36-24
2 1/4 x 2 1/2	2.2580	2.5040	2.5005	.0045	2.2490	Up to 18"	CJ36E40-
	2.2540	2.5020	2.4995	.0015	2.2485		
2 3/8 x 2 5/8	2.3850	2.6290	2.6255	.0045	2.3750		CJ38E42-
	2.3810	2.6270	2.6245	.0015	2.3740		
2 1/2 x 2 3/4	2.5100	2.7540	2.7505	.0045	2.4995	1 1/2	CJ40E44-12
	2.5060	2.7520	2.7495	.0015	2.4985	2	CJ40E44-16
						3	CJ40E44-24

*Length tolerance is +.005"/-.005" up to 2 1/2" I.D.; +.008"/-.007" on I.D. 2 1/2" and over. Sizes not listed above may be quoted upon request.



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CJ Bearings Standard Wall — 1/8" (continued)

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Nominal I.D. x O.D.	I.D. (A)	O.D. (B)	Recommended Housing Bore	Press Fit	Recommended Shaft Size	Length* (L)	CJ Part Number
2 5/8 x 2 7/8	2.6370	2.8790	2.8755	.0045	2.6245	Up to 18"	CJ42E46-
	2.6330	2.8770	2.8745	.0015	2.6235		
2 3/4 x 3	2.7620	3.0040	3.0005	.0050	2.7495	Up to 18"	CJ44E48-
	2.7580	3.0020	2.9990	.0015	2.7485		
3 x 3 1/4	3.0140	3.2540	3.2505	.0050	2.9995	Up to 18"	CJ48E52-
	3.0100	3.2520	3.2490	.0015	2.9985		
3 1/4 x 3 1/2	3.2640	3.5040	3.5010	.0050	3.2495	Up to 18"	CJ52E56-
	3.2600	3.5020	3.4990	.0010	3.2485		
3 1/2 x 3 3/4	3.5140	3.7540	3.7510	.0050	3.4995	Up to 18"	CJ56E60-
	3.5100	3.7520	3.7490	.0010	3.4985		
3 3/4 x 4	3.7640	4.0040	4.0010	.0050	3.7495	Up to 18"	CJ60E64-
	3.7600	4.0020	3.9990	.0010	3.7485		
4 x 4 1/4	4.0140	4.2540	4.2510	.0050	3.9995	Up to 18"	CJ64E68-
	4.0100	4.2520	4.2490	.0010	3.9985		
4 1/4 x 4 1/2	4.2640	4.5040	4.5010	.0050	4.2495	Up to 18"	CJ68E72-
	4.2600	4.5020	4.4990	.0015	4.2485		
4 1/2 x 4 3/4	4.5140	4.7540	4.7510	.0050	4.4995	Up to 18"	CJ72E76-
	4.5100	4.7520	4.7490	.0010	4.4985		
4 3/4 x 5	4.7640	5.0040	5.0010	.0050	4.7495	Up to 18"	CJ76E80-
	4.7600	5.0020	4.9990	.0010	4.7485		
5 x 5 1/4	5.0140	5.2540	5.2510	.0050	4.9995	Up to 18"	CJ80E84-
	5.0100	5.2520	5.2490	.0010	4.9985*		

*Length tolerance is +.005"/-.005" up to 2 1/2" I.D.; +.008"/-.007" on I.D. 2 1/2" and over. Sizes not listed above may be quoted upon request.