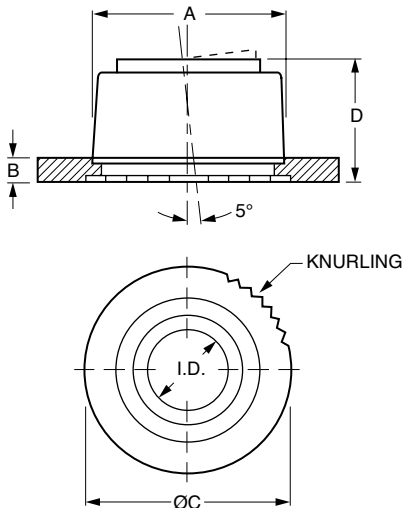


SDPSI**Self-Clinching PTFE Bronze Pressbearings**

Stock Drive Products/Sterling Instrument ■ Phone: 516-328-3300 ■ Fax: 516-326-8827

- EXTREME TEMPERATURE RANGE
- SELF-ALIGNING TO $\pm 5^\circ$
- SELF-LUBRICATING
- IDEAL FOR ALL TYPES OF ROTATING, OSCILLATING AND SLIDING MOTIONS



See next page for installation data

FEATURES:

- Knurling ensures secure self-clinching
- Simple quick installation
- Major assembly and production savings
- Mounting blocks not necessary

MATERIAL: Bearing – PTFE-Impregnated Porous Bronze
Retainer – Carbon Steel, Black Oxide Finish

OPERATING TEMPERATURE: -330°F to +380°F

Catalog Number	Nom I.D.	A Panel Hole Dia. +.003 -.000	B Min. Panel Thickness	C Knurl O.D.	D Height Along Centerline	Max. Speed rpm	Max. Radial Load lbf
A 7Z60-FSDU187	3/16	.500	.04	.55	.40	8040	360
A 7Z60-FSDU250	1/4	.625	.06	.67	.46	6020	430
A 7Z60-FSDU312	5/16	.625	.06	.67	.46	4820	430
A 7Z60-FSDU375	3/8	.812	.06	.87	.64	4010	600
A 7Z60-FSDU500	1/2	1.063		1.10	.77	3010	950
A 7Z60-FSDU625	5/8	1.250	.09	1.30	.89	2410	1150
A 7Z60-FSDU750	3/4	1.250		1.30	.87	2010	1150

SHAFT DIAMETERS

Nom. Shaft Diameter	Maximum Diameter	Minimum Diameter
3/16	.1865	.1858
1/4	.2490	.2481
5/16	.3115	.3106
3/8	.3740	.3731
1/2	.4990	.4980
5/8	.6240	.6230
3/4	.7491	.7479

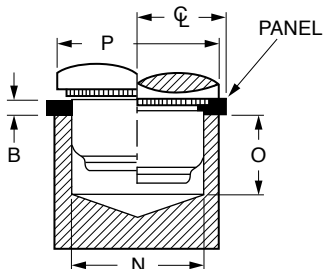
SHAFT RECOMMENDATIONS:

Any material, soft or hard, with a 16 μ m.
or finer finish.

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**INSTALLATION:**

1. Punch or drill and ream a hole of diameter **A** in panel as specified in the table below. Panel material R_b 65 max.
DO NOT DEBURR OR BREAK EDGE OF HOLE.
2. Place bearing assembly in hole. The slight interference fit assures centering in the mounting hole.
3. Using an anvil with diameter **N**, a minimum depth of **O** and a Press Tool diameter of **P**, install the bearing assembly into the panel by constantly applying a force of **F**, per the table, until the assembly is flush with the panel surface.

DO NOT USE HAMMER BLOWS!**TOOLING AND INSTALLATION DATA**

See previous page for product specifications

Nominal Shaft Diameter	A Panel Hole Dia. +.003 -.000	N Anvil Diameter +.005 -.000	O Minimum Anvil Depth	P Press Tool Min. Dia.	Q Min. Dist. Centerline to Panel Edge	F Install Force Cold-Rolled Steel tons
3/16	.500	.515	.60	.75	.375	5.0
1/4	.625	.640	.66	.87	.453	5.5
5/16	.625	.640	.66	.87	.453	5.5
3/8	.812	.827	.84	1.07	.500	
1/2	1.063	1.078	.97	1.30	.750	6.0
5/8	1.250	1.265	1.09	1.50	.750	
3/4	1.250	1.265	1.09	1.50	.800	

Did You Know?

...That Fairloc® hubbed components (see gears, pulleys, couplings and shaft extenders) allow unlimited retightening on the shaft without marring the shaft? They are especially suitable for applications requiring phase adjustment or frequent replacement.