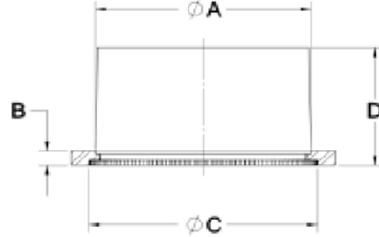




## SELF-CLINCHING, NON-ALIGNING NEEDLE-ROLLER BEARINGS



Spyraflo's self-clinching bearings are the economic solution when mounting Needle-Roller bearings into steel paneling. Removing the need for bearing mounting blocks the Spyraflo solution simply uses self-clinching technology to securely retain and size the bearing in place directly into the panel material.

Needle-Roller Bearings are an economic solution for medium load / high speed applications.

- Requires a hardened shaft.
- Suitable for rotational motion.
- Pre-Lubricated.
- The steel retainer absorbs the installation forces with zero with zero effect on the bearing.
- Flange-Mount option.

Refer to the Installation section on [www.spyraflo.com](http://www.spyraflo.com) for installation instructions.

Part Number	Shaft Dia. Min. Max.	Max. Load lbf/N	Max. Speed r.p.m.	Mounting Hole A	Min. Panel Thickness B	Min. CL to Edge	C	D	Weight oz/g
FSNN-125	0.1247 - 0.1250	360	31,500	0.375	0.040	0.25	0.42	0.31	0.10
FSNN-187	0.1872 - 0.1875	430	21,000	0.500	0.040	0.38	0.55	0.50	0.30
FSNN-250	0.2495 - 0.2500	430	44,000	0.625	0.060	0.45	0.67	0.44	0.40
FSNN-312	0.3120 - 0.3125	600	35,500	0.625	0.060	0.45	0.67	0.44	0.30
FSNN-375	0.3745 - 0.3750	600	29,500	0.812	0.060	0.50	0.87	0.44	0.60
FSNN-500	0.4995 - 0.5000	950	22,000	0.875	0.060	0.63	0.92	0.50	0.70
FSNN-625	0.6245 - 0.6250	1,830	17,600	1.063	0.075	0.75	1.10	0.62	1.30
FSNN-750	0.7495 - 0.7500	1,830	14,700	1.250	0.090	0.75	1.30	0.63	1.50
FSNN-4M	3.992 - 4.000	1,830	41,000	12.70	1.0	9.5	14.0	10.8	7
FSNN-6M	5.992 - 6.000	1,830	35,000	15.90	1.5	11.5	17.0	10.8	12
FSNN-8M	7.991 - 8.000	2,550	28,000	15.90	1.5	11.5	17.0	11.1	9
FSNN-10M	9.991 - 10.000	2,550	23,000	20.60	1.5	12.7	22.0	12.7	20
FSNN-12M	11.989 - 12.000	4,000	20,000	20.60	1.5	12.7	22.0	12.7	16
FSNN-15M	14.989 - 15.000	7,800	16,000	27.00	2.3	19.0	28.0	12.7	32
FSNN-16M	15.989 - 16.000	7,600	15,000	31.80	2.3	19.0	33.0	16.0	35
FSNN-18M	17.989 - 18.000	8,100	13,000	31.80	2.3	19.0	33.0	16.0	34

For more information about Spyraflo bearings visit [www.spyraflo.com](http://www.spyraflo.com).