



Air Cylinder Accessory

NJ Series

Alignment Coupler



Protects Against Cylinder Misalignment
Aligns Deflected Loads
Compact Design Allows High Loading
Reduces Installation Time

How To Order

NJ **5-40**

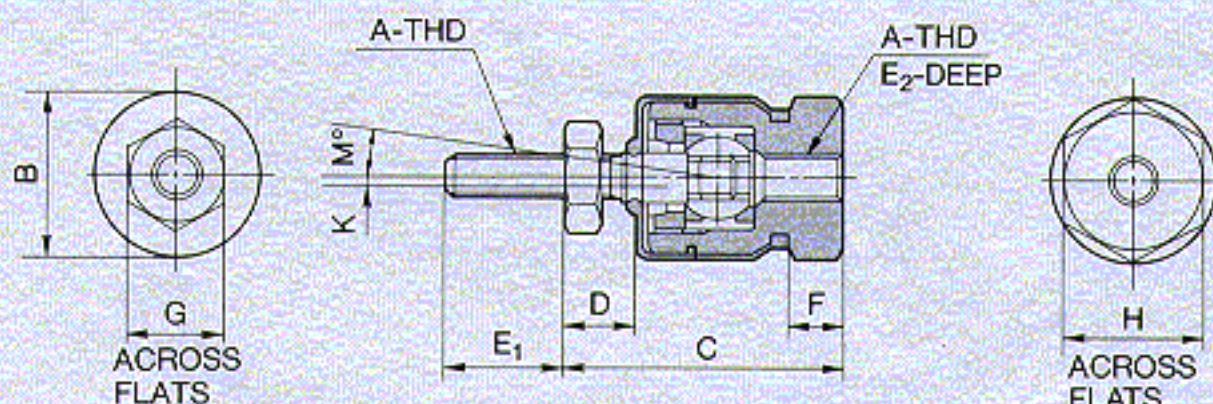
Floating Joint Thread Size

5-40	No.5-40UNC
6-40	No.6-40UNF
10-32	No.10-32UNF
04	1/4-28UNF
05	5/16-24UNF
07	7/16-20UNF
08	1/2-20UNF
12	3/4-16UNF

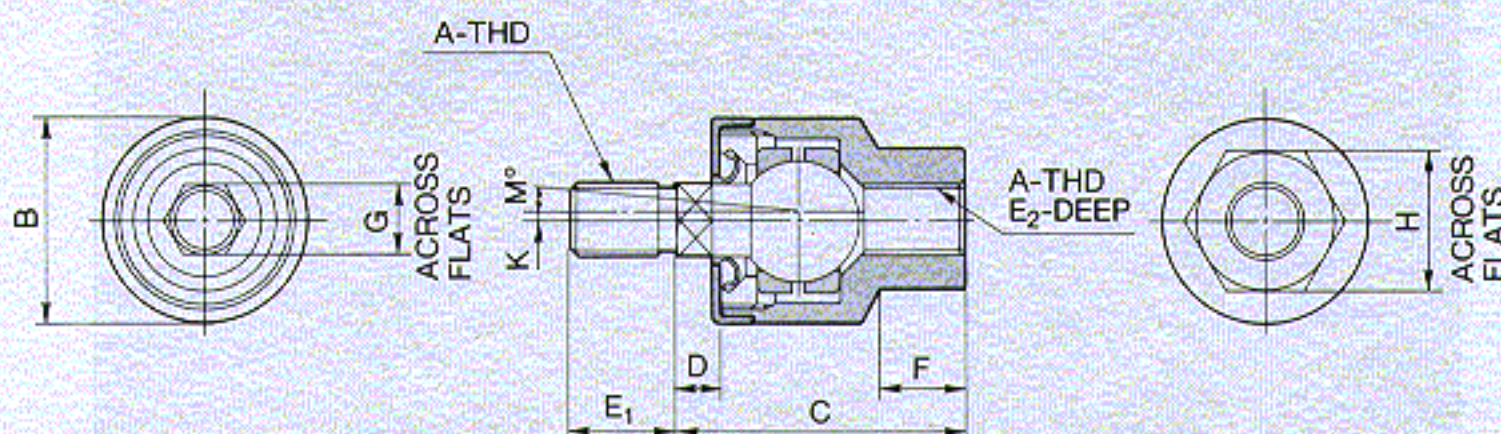
Model	Thread Size	Cylinder Max. Press.	Working Thrust (lbs)	Allowable eccentricity (inch)	Applicable SMC Cylinder(s)
NJ5-40	No. 5-40UNC	100PSI (7kgf/cm ²)	110	0.02	NCJ1 6
NJ6-40	No. 6-40UNF		140		NCJ1 10
NJ10-32	No. 10-32UNF		250		NCJ1 15
NJ04	1/4-28UNF	150PSI (9.9kgf/cm ²)	760	0.03	NCM075,088, NCG20
NJ05	5/16-24UNF		1200		NCM106 NCG 25
NJ07	7/16-20UNF		2600		NCM125/150 NCA1 150/200/250 NCG32/40
NJ08	1/2-20UNF		3500	0.06	NCG50 NCG63
NJ12	3/4-16UNF		8500		NCA1 325/400

Dimensions

NJ5-40
NJ6-40
NJ10-32



NJ04-NJ12



MODEL	A	B	C	D	E1	E2	F	G	H	K	M
NJ5-40	No.5-40UNC	0.47	0.82	0.22	0.38	0.27	0.21	0.31	0.31	0.02	5°
NJ6-40	No.6-40UNF										
NJ10-32	No.10-32UNF	0.63	1.16	0.23	0.63	0.5	0.22	0.38	0.38	0.02	
NJ04	1/4-28UNF	0.94	1.38	0.25	0.5		0.41	0.31	0.56	0.03	
NJ05	5/16-24UNF										
NJ07	7/16-20UNF	1.22	1.83	0.31	0.75		0.63	0.44	0.75	0.03	
NJ08	1/2-20UNF	1.61	2.11	0.31	0.75		0.63	0.5	1	0.06	
NJ12	3/4-16UNF	1.97	2.91	0.5	1.13		0.94	0.81	1.13	0.06	

Care and Maintenance

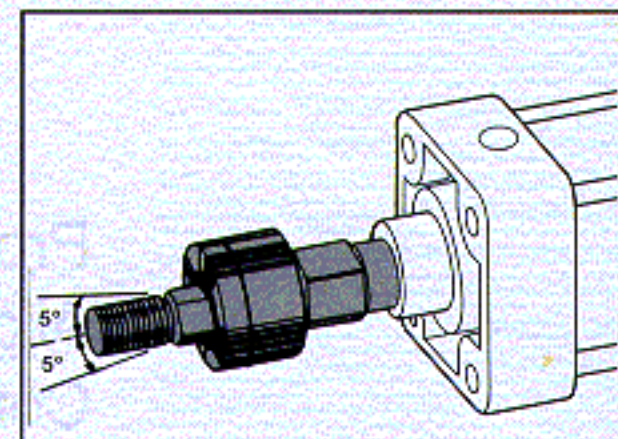
- For applications other than air cylinder consult factory.
- Joint is not suitable for rotation applications.
- Cannot be reused after dismantling.
- NJ floating joints are sealed and pre-lubricated.
- Ambient temperature range 40° to 140°F (5° to 60°C).
- Unscrew joint 1 or 2 turns from the end of the rod thread.
- Do not exceed an axial misalignment of 5°.
- Do not exceed an allowable eccentricity or the life of the joint could be shortened.



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Specifications Subject To Change Without Notice