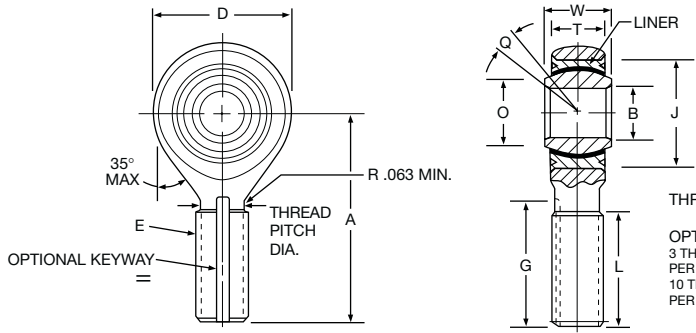


ROD END BEARINGS - SELF LUBRICATING

AS81935 Narrow – Male Thread



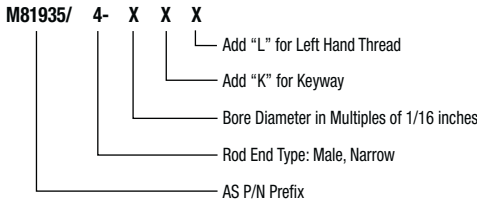
Notes:

- Bearings listed in the tables are approved for procurement to AS81935.
- Temperature: Operating temperature range per AS81935; -65° to 325°F . Broader temperature capabilities are achievable. Contact NHBB Applications Engineering.

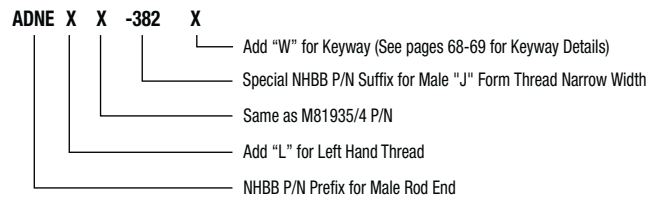
Δ For keyway details, refer to the engineering section, pages 68-69.

Part Number	MS Dash No.	(B) Bore Diameter	(D) Head Diameter	(W) Ball Width	(T) Body Width	(O) Shoulder Diameter	Ball Diameter	(A) Ball C/L to End	(E) Thread Size	(L) Complete Thread	(J) Housing I.D.	(G) Keyway Flat	(Q) Mis-alignment
		Inch	Inch	Inch	Inch	Inch	Inch	Inch		Inch	Inch	Inch	Ref.
		+0.000	+0.010	+0.000	+0.005	Min.	Ref.	+0.010		+0.031	Max.	+0.000	
M81935/4		-0.0005	-0.010	-0.002	-0.005			-0.010	UNJF-3A	-0.031		-0.020	
ADNE3-382	-3	.1900	.680	.281	.228	.293	.406	1.315	1/4-28	.775	.5625	.896	10°
ADNE4-382	-4	.2500	.827	.343	.260	.364	.500	1.443	1/4-28	.775	.6562	.896	10°
ADNE5-382	-5	.3125	.984	.375	.291	.419	.562	1.948	5/16-24	1.187	.7500	1.308	10°
ADNE6-382	-6	.3750	1.131	.406	.322	.475	.656	2.030	3/8-24	1.187	.8125	1.308	9°
ADNE7-382	-7	.4375	1.294	.437	.353	.530	.718	2.250	7/16-20	1.281	.9062	1.402	8°
ADNE8-382	-8	.5000	1.459	.500	.400	.600	.813	2.544	1/2-20	1.468	1.0000	1.589	8°
ADNE10-382	-10	.6250	1.763	.625	.510	.739	.968	2.832	5/8-18	1.562	1.1875	1.683	8°
ADNE12-382	-12	.7500	2.140	.750	.603	.920	1.187	3.193	3/4-16	1.687	1.4375	1.808	8°
ADNE14-382	-14	.8750	2.372	.875	.713	.980	1.312	3.677	7/8-14	2.000	1.5625	2.121	8°
ADNE16-382	-16	1.0000	2.681	1.000	.807	1.118	1.500	3.968	1-12	2.100	1.7500	2.221	9°

Aerospace Standard P/N - Narrow



NHBB P/N - Narrow



Materials

Part No.	Ball	Race	Liner	Body
Catalog No.	CRES 440C AMS 5630 Rc55-62	CRES 17-4PH AMS 5643 Rc28-37	TEFLON®/Fabric Bonded to Race I.D. No Lub. Required	4340 Alloy Steel AMS6415 Rc39-42 H.T. Cadmium Plated††
Catalog No. + CR†	CRES 440C AMS 5630 Rc55-62	CRES 17-4PH AMS 5643 Rc28-37	TEFLON®/Fabric Bonded to Race I.D. No Lub. Required	CRES 17-4PH AMS 5643 Rc39-44 Passivated

†† Body cadmium plated per AMS-QQ-P-416, Type II, CL. 2 on all surfaces including body bore.

† Stainless Steel Series is not available to Aerospace Standard, but may be ordered to NHBB Part Number as indicated. Example: ADNE4CRJ or ADNE4-382CR

TEFLON® is a Du Pont registered trademark

Performance Properties - Narrow

MS Dash No.	No Load Rotational Breakaway Torque	Ultimate Static Radial Load	Axial Static Proof Load	Fatigue Load	Approx. Weight	
						In-lbs.
M81935/4						
ADNE3-382	-3	.5-6	3000	150	1100	.045
ADNE4-382	-4	.5-6	5300	430	1500	.060
ADNE5-382	-5	1-15	8600	700	2400	.100
ADNE6-382	-6	1-15	13000	1100	3600	.135
ADNE7-382	-7	1-15	17800	1400	5000	.200
ADNE8-382	-8	1-15	24200	2040	6800	.285
ADNE10-382	-10	1-15	38500	2430	10800	.505
ADNE12-382	-12	1-15	56600	2940	16000	.830
ADNE14-382	-14	1-24	77400	3190	21900	1.235
ADNE16-382	-16	1-24	101400	3570	28600	1.725