

STEEL

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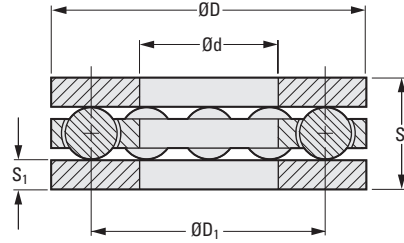
> MATERIAL:

- Balls** - S.A.E 1018 Steel, Hardened to HRC 60 Min.
- Retainer** - Molded Nylon, for 120°C Max.
- Washer** - CR1075 Steel, Hardened to HRC 59...61



**ADDITIONAL BEARING COMPONENTS
USED ON COMPLETE THRUST BEARING**

Reference (Complete Bearing Set)	Catalog Number	
	Retainer & Balls	Washer
A 7Z 7M0409	A 7M 7M0409	A 7Q 7M0409
A 7Z 7M0512	A 7M 7M0512	A 7Q 7M0512
A 7Z 7M0614	A 7M 7M0614	A 7Q 7M0614
A 7Z 7M0717	A 7M 7M0717	A 7Q 7M0717
A 7Z 7M0816	A 7M 7M0816	A 7Q 7M0816
A 7Z 7M1021	A 7M 7M1021	A 7Q 7M1021
A 7Z 7M1224	A 7M 7M1224	A 7Q 7M1224
A 7Z 7M1628	A 7M 7M1628	A 7Q 7M1628
A 7Z 7M1932	A 7M 7M1932	A 7Q 7M1932
A 7Z 7M2541	A 7M 7M2541	A 7Q 7M2541
A 7Z 7M2844	A 7M 7M2844	A 7Q 7M2844



METRIC COMPONENT

Catalog Number (Complete Bearing Set)	d		D		D ₁ Ball Circle	S ₁ Washer		S Total Bearing Thickness
	Bore	Tolerance	O.D.	Tolerance		Thk.	Tolerance	
A 7Z 7M0409	4	4.06...4.01	9	9.04...8.94	6.5	1.27	± 0.03	4.24...4.04
A 7Z 7M0512	5	5.21...5.08	12	11.96...11.78	8.7			
A 7Z 7M0614	6	6.20...6.07	14	13.97...13.79	10.3			
A 7Z 7M0717	7	7.18...7.06	17	16.97...16.79	11.9	1.57	+0.06/-0.05	5.02...4.82
A 7Z 7M0816	8	8.20...8.08	16	15.96...15.80	15.1			
A 7Z 7M1021	10	10.19...10.06	21	20.96...20.78	15.1			
A 7Z 7M1224	12	12.19...12.06	24	23.98...23.80	18.3	2.36	± 0.08	6.44...6.22
A 7Z 7M1628	16	16.26...16.07	28	27.97...27.74	22.2			
A 7Z 7M1932	19	19.25...19.08	32	31.98...31.75	25.4			
A 7Z 7M2541	25	25.30...25.07	41	40.97...40.69	33.3	3.18	+0.12/-0.13	11.36...10.86
A 7Z 7M2844	28	28.30...28.07	44	43.97...43.69	36.5			

Catalog Number Ref. (Complete Bearing Set)	No. of Balls	Size of Balls ± 0.0025	Load Rating N	
			15 rpm	100 rpm
A 7Z 7M0409	6	1.587	227	120
A 7Z 7M0512	7	2.38	560	311
A 7Z 7M0614	8		583	307
A 7Z 7M0717	9		605	320
A 7Z 7M0816	9	3.18	778	414
A 7Z 7M1021	6		894	472
A 7Z 7M1224	8		1116	592
A 7Z 7M1628	6	3.97	1303	689
A 7Z 7M1932	8		2042	1081
A 7Z 7M2541	10		2242	1188
A 7Z 7M2844	12	4.76		

NOTE: Load rating @ 900 rpm approximately 50% of those @ 100 rpm. Other data available.

