

STAINLESS STEEL

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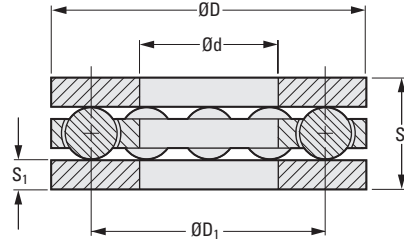
► MATERIAL:

- Balls - 440C Stainless Steel, Hardened to HRC 58...65
- Retainer - Molded Nylon, for 120°C Max.
- Washer - 410 Stainless Steel, Hardened to HRC 38...42



ADDITIONAL BEARING COMPONENTS
USED ON COMPLETE THRUST BEARING

Reference (Complete Bearing Set)	Catalog Number	
	Retainer & Balls	Washer
A 7Z 7M0409ST	A 7M 7M0409ST	A 7Y 7M0409
A 7Z 7M0512ST	A 7M 7M0512ST	A 7Y 7M0512
A 7Z 7M0614ST	A 7M 7M0614ST	A 7Y 7M0614
A 7Z 7M0717ST	A 7M 7M0717ST	A 7Y 7M0717
A 7Z 7M0816ST	A 7M 7M0816ST	A 7Y 7M0816
A 7Z 7M1021ST	A 7M 7M1021ST	A 7Y 7M1021
A 7Z 7M1224ST	A 7M 7M1224ST	A 7Y 7M1224
A 7Z 7M1628ST	A 7M 7M1628ST	A 7Y 7M1628
A 7Z 7M1932ST	A 7M 7M1932ST	A 7Y 7M1932
A 7Z 7M2541ST	A 7M 7M2541ST	A 7Y 7M2541
A 7Z 7M2844ST	A 7M 7M2844ST	A 7Y 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 7M0409ST	4	4.06...4.01	9	9.04...8.94	6.5	1.27	± 0.03	4.24...4.04
A 7Z 7M0512ST	5	5.21...5.08	12	11.96...11.78	8.7			
A 7Z 7M0614ST	6	6.20...6.07	14	13.97...13.79	10.3			
A 7Z 7M0717ST	7	7.18...7.06	17	16.97...16.79	11.9	1.57	+0.06/-0.05	5.02...4.82
A 7Z 7M0816ST	8	8.20...8.08	16	15.96...15.80	15.1			
A 7Z 7M1021ST	10	10.19...10.06	21	20.96...20.78	18.3	2.36	± 0.08	6.44...6.22
A 7Z 7M1224ST	12	12.19...12.06	24	23.98...23.80	22.2			
A 7Z 7M1628ST	16	16.26...16.07	28	27.97...27.74	25.4	3.18	+0.12/-0.13	8.88...8.56
A 7Z 7M1932ST	19	19.25...19.08	32	31.98...31.75	33.3			
A 7Z 7M2541ST	25	25.30...25.07	41	40.97...40.69	36.5			
A 7Z 7M2844ST	28	28.30...28.07	44	43.97...43.69				

Catalog Number Ref. (Complete Bearing Set)	No. of Balls	Size of Balls ± 0.0025	Load Rating N	
			15 rpm	100 rpm
A 7Z 7M0409ST	6	1.587	156	80
A 7Z 7M0512ST	7	2.38	391	218
A 7Z 7M0614ST	8		405	214
A 7Z 7M0717ST	9		423	222
A 7Z 7M0816ST	6	3.18	543	289
A 7Z 7M1021ST	8		623	329
A 7Z 7M1224ST	6		778	414
A 7Z 7M1628ST	8	3.97	912	480
A 7Z 7M1932ST	10		1428	756
A 7Z 7M2541ST	12		1566	832

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

