



DIMENSIONS			SCREWS		PERFORMANCES				WEIGHT kg
d x D mm	L1 mm	L mm	size	Ma Nm	Mt Nm	Fax kN	Ps MPa	Ph MPa	
24 x 55	40	46	M6	11,8	420	35,4	78	34	0,4
25 x 55	40	46	M6	11,8	440	35,4	75	34	0,4
28 x 55	40	46	M6	11,8	490	35,4	67	34	0,4
30 x 55	40	46	M6	11,8	530	35,4	63	34	0,4
32 x 60	54	60	M6	11,8	660	41,3	48	26	0,6
35 x 60	54	60	M6	11,8	720	41,3	44	26	0,6
38 x 75	54	62	M8	28,7	1.450	76,7	76	38	1,0
40 x 75	54	62	M8	28,7	1.530	76,7	72	38	1,0
42 x 75	54	62	M8	28,7	1.610	76,7	68	38	1,0
45 x 75	54	62	M8	28,7	1.720	76,7	64	38	0,9
48 x 80	66	74	M8	28,7	2.100	87,7	53	32	1,3
50 x 80	66	74	M8	28,7	2.190	87,7	51	32	1,2
55 x 85	66	74	M8	28,7	2.710	98,7	52	34	1,3
60 x 90	66	74	M8	28,7	3.290	109,0	53	35	1,4
65 x 95	66	74	M8	28,7	3.560	109,0	49	33	1,5
70 x 110	80	90	M10	58,0	6.270	179,0	58	37	2,8
75 x 115	80	90	M10	58,0	6.710	179,0	54	35	3,0
80 x 120	80	90	M10	58,0	7.880	197,0	56	37	3,1
85 x 125	80	90	M10	58,0	8.370	197,0	53	36	3,3
90 x 130	80	90	M10	58,0	9.600	215,0	54	38	3,5
95 x 135	80	90	M10	58,0	10.200	215,0	51	36	3,6
100 x 145	102	114	M12	100,0	14.400	289,0	53	36	5,6
110 x 155	102	114	M12	100,0	17.300	316,0	52	37	6,1
120 x 165	102	114	M12	100,0	22.100	368,0	56	41	6,5

Code

- Ma: screws tightening torque
- Mt: transmissible torque, with Fax=0 kN
- Fax: transmissible axial load, with Mt=0 Nm
- Ps: contact pressure on shaft
- Ph: contact pressure in hub bore

Features

- Transmissible torque from 420 to 22.100 Nm
- Self-centering, self-locking
- Two thrust rings with single taper design
- Lubrication: food grade oil FDA approved class H-1
- Tolerances: shaft h8; hub bore H8
- Shaft and hub bore surface finish $0.8 \leq Ra \leq 3.2 \mu m$

Composition

- Slotted front thrust ring, with integrated push-off tapped and clearance holes
- Slotted rear thrust ring
- Slotted outer ring, with integrated push-off tapped holes
- Set of socket head cap screws, grade A4-80

Listed performances are valid as long as shaft and hub are made of stainless steel. Should these parts be made of different materials, listed values might not apply. Please consult MAV Technical Dept. for advise.

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