



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

DIMENSIONS			SCREWS		PERFORMANCES					WEIGHT kg
d x D mm	L1 mm	L mm	size	Ma Nm	Mt Nm	Fax kN	Ps MPa	Ph MPa		
5 x 16	11	13,5	M2,5	0,6	3	1,3	43	13	0,012	
6 x 16	11	13,5	M2,5	0,6	4	1,3	36	13	0,012	
6,35 x 16	11	13,5	M2,5	0,6	4	1,3	34	13	0,012	
7 x 17	11	13,5	M2,5	0,6	4	1,3	31	13	0,013	
8 x 18	11	13,5	M2,5	0,6	5	1,3	27	12	0,015	
9 x 20	13	15,5	M2,5	0,6	8	1,7	28	13	0,020	
9,53 x 20	13	15,5	M2,5	0,6	8	1,7	27	13	0,020	
10 x 20	13	15,5	M2,5	0,6	8	1,7	25	13	0,019	
11 x 22	13	15,5	M2,5	0,6	9	1,7	23	12	0,023	
12 x 22	13	15,5	M2,5	0,6	10	1,7	21	12	0,022	
14 x 26	17	20,0	M3	1,1	20	2,9	22	12	0,039	
15 x 28	17	20,0	M3	1,1	21	2,9	21	11	0,044	
16 x 32	17	21,0	M4	2,6	41	5,1	34	17	0,066	
17 x 35	21	25,0	M4	2,6	43	5,1	28	13	0,092	
18 x 35	21	25,0	M4	2,6	46	5,1	26	13	0,087	
19 x 35	21	25,0	M4	2,6	48	5,1	25	13	0,084	
20 x 38	21	26,0	M5	5,1	80	8,0	37	19	0,10	
22 x 40	21	26,0	M5	5,1	88	8,0	33	18	0,11	
24 x 47	26	32,0	M6	8,8	140	11,8	35	18	0,20	
25 x 47	26	32,0	M6	8,8	140	11,8	34	18	0,19	
25,4 x 47	26	32,0	M6	8,8	150	11,8	33	18	0,19	
28 x 50	26	32,0	M6	8,8	240	17,8	45	25	0,22	
30 x 55	26	32,0	M6	8,8	260	17,8	42	23	0,27	
32 x 55	26	32,0	M6	8,8	280	17,8	39	23	0,25	
35 x 60	31	37,0	M6	8,8	410	23,7	39	23	0,36	
38 x 65	31	37,0	M6	8,8	450	23,7	36	21	0,43	
40 x 65	31	37,0	M6	8,8	470	23,7	34	21	0,40	
42 x 75	36	44,0	M8	21,4	690	32,9	38	22	0,69	
45 x 75	36	44,0	M8	21,4	740	32,9	36	22	0,63	
48 x 80	36	44,0	M8	21,4	1.050	43,9	45	27	0,74	
50 x 80	36	44,0	M8	21,4	1.090	43,9	43	27	0,70	

Features

- Transmissible torque from 3 to 1.090 Nm
- Self-centering, low self-locking
- Listed performances are valid as long as hub is free to move axially during tightening. Otherwise, reduced performances apply.
- Single taper design
- Lubrication: food grade oil FDA approved class H-1
- Tolerances: shaft h8; hub bore H8
- Shaft and hub bore surface finish $0.8 \leq Ra \leq 3.2 \mu\text{m}$

Composition

- Slotted inner ring
- Slotted outer ring, with integrated push-off tapped holes
- Set of socket head cap screws, grade A2-70

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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