



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	
18 x 47	42,0	48,0	M6	11,8	290	32,2	88	34	0,4
19 x 47	42,0	48,0	M6	11,8	306	32,2	83	34	0,4
20 x 47	42,0	48,0	M6	11,8	322	32,2	79	34	0,4
22 x 47	42,0	48,0	M6	11,8	355	32,2	72	34	0,3
24 x 50	43,0	49,0	M6	11,8	387	32,2	66	32	0,4
25 x 50	43,0	49,0	M6	11,8	403	32,2	63	32	0,4
28 x 55	43,0	49,0	M6	11,8	451	32,2	56	29	0,5
30 x 55	43,0	49,0	M6	11,8	484	32,2	53	29	0,5
32 x 60	43,0	49,0	M6	11,8	688	43,0	66	35	0,5
35 x 60	43,0	49,0	M6	11,8	752	43,0	60	35	0,5
38 x 65	43,0	49,0	M6	11,8	817	43,0	55	32	0,6
40 x 65	43,0	49,0	M6	11,8	860	43,0	53	32	0,5
42 x 75	50,5	58,5	M8	28,7	1.258	59,9	61	34	1,0
45 x 75	50,5	58,5	M8	28,7	1.347	59,9	56	34	0,9
48 x 80	50,5	58,5	M8	28,7	1.437	59,9	53	32	1,0
50 x 80	50,5	58,5	M8	28,7	1.497	59,9	51	32	1,0
55 x 85	50,5	58,5	M8	28,7	2.196	79,8	62	40	1,0
60 x 90	50,5	58,5	M8	28,7	2.395	79,8	56	38	1,1
63 x 95	50,5	58,5	M8	28,7	2.515	79,8	54	36	1,2
65 x 95	50,5	58,5	M8	28,7	2.595	79,8	52	36	1,2
70 x 110	60,0	70,0	M10	58,0	3.988	113,9	52	33	2,2
75 x 115	60,0	70,0	M10	58,0	4.273	113,9	48	32	2,4
80 x 120	60,0	70,0	M10	58,0	4.557	113,9	45	30	2,5
85 x 125	60,0	70,0	M10	58,0	5.534	130,2	49	33	2,7
90 x 130	60,0	70,0	M10	58,0	5.860	130,2	46	32	2,8
95 x 135	60,0	70,0	M10	58,0	7.731	162,8	55	38	2,9
100 x 145	71,0	83,0	M12	100,0	8.357	167,1	46	32	4,2
110 x 155	71,0	83,0	M12	100,0	9.193	167,1	42	30	4,1
120 x 165	71,0	83,0	M12	100,0	11.461	191,0	44	32	4,9
130 x 180	71,0	83,0	M12	100,0	15.520	238,8	51	37	5,9

Features

- Transmissible torque from 290 to 15.520 Nm
- Self-centering, self-locking
- Single taper design
- Fitting length larger than MAV 1062
- 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, with integrated push-off tapped holes
- Slotted outer ring
- 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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