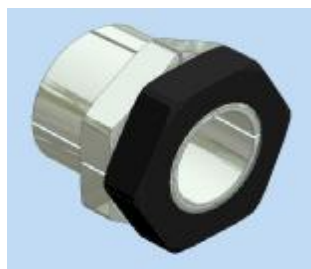


Locking assembly MAV 3905

rev. 0



Design with single locking nut and counter nut

Easy & quick installation and removal

Self-locking & self-centering

Max concentricity error 0,03 mm

Standard surface treatment for corrosion protection:

- inner & outer rings: zinc plated
- nut: phosphate treated

Max tolerances: shaft h9; hub bore H9

Shaft / hub bore roughness: $R_a \leq 3.2 \mu m$

Installation: shaft-locking unit and hub-locking unit
contact surfaces GREASE-FREE & DRY

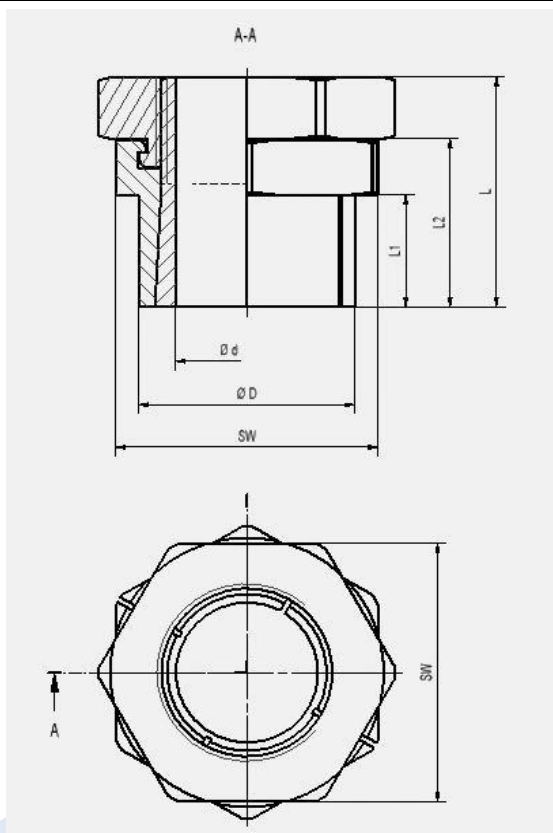
Ma: nut tightening torque

Mt: transmissible torque ($F_{ax}=0$)

Fax: transmissible axial load ($M_t=0$)

ps: shaft pressure

ph: hub pressure



Example of order: MAV3905 - 16 x 24 (d x D)

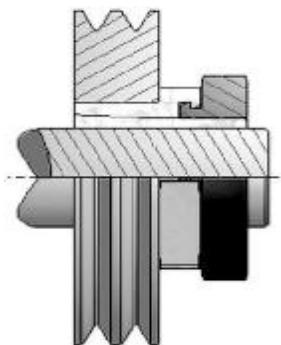
DIMENSIONS						NUT		PERFORMANCES				WEIGHT
d	x	D	L	L ₁	L ₂	SW	M _a	M _t	F _{ax}	P _s	P _h	kg
mm		mm	mm	mm	mm	mm	Nm	Nm	kN	N/mm ²	N/mm ²	
5	x	12	19	9	15	14	9,9	10	4,1	241	136	0,02
6	x	12	19	9	15	14	9,9	12	4,1	206	136	0,02
7	x	14	22	11	17	16	16,9	20	5,7	202	130	0,02
8	x	14	22	11	17	16	16,9	23	5,7	180	130	0,02
9	x	18	24	12	19	22	34,9	42	9,4	232	154	0,05
10	x	18	24	12	19	22	34,9	47	9,4	213	154	0,04
11	x	20	24	12	19	22	43,8	60	10,8	219	160	0,05
12	x	20	24	12	19	22	43,8	65	10,8	204	160	0,04
14	x	24	28	15	22	27	65	91	13,1	176	128	0,08
15	x	24	28	15	22	27	65	98	13,1	167	128	0,07
16	x	24	28	15	22	27	65	104	13,1	159	128	0,07
17	x	26	34	16	26	32	110	165	19,4	197	165	0,12
18	x	30	36	17	27	36	161	221	24,6	216	170	0,18
19	x	30	36	17	27	36	161	233	24,6	208	170	0,17
20	x	30	36	17	27	36	161	246	24,6	200	170	0,16
22	x	38	41	20	30	46	250	342	31,1	206	145	0,34
24	x	38	41	20	30	46	250	373	31,1	193	145	0,32
25	x	38	41	20	30	46	250	389	31,1	188	145	0,30
28	x	42	44	23	33	50	355	553	39,5	190	145	0,37
30	x	42	44	23	33	50	355	593	39,5	181	145	0,35
32	x	50	51	28	38	55	490	764	47,8	160	121	0,55
35	x	50	51	28	38	55	490	836	47,8	151	121	0,50
38	x	58	58	32	43	65	700	1127	59,3	158	113	0,85
40	x	58	58	32	43	65	700	1187	59,3	153	113	0,80
42	x	60	63	37	48	65	740	1245	59,3	125	94	0,84
45	x	60	63	37	48	65	740	1334	59,3	119	94	0,74

Information subject to change without prior notification, © MAV S.p.A.

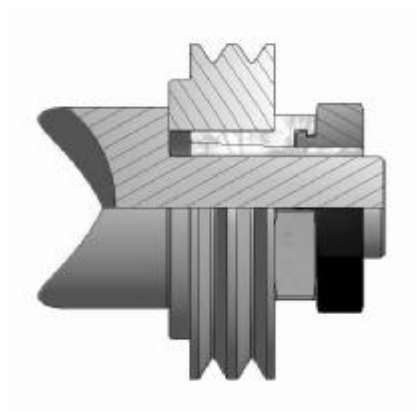
Locking assembly MAV 3905

rev. 0

Axial fixation of hub during tightening: yes / no



hub moves axially during tightening



hub fixed during tightening: M , F_{ax} , p_s , p_h derated to 60% of listed values