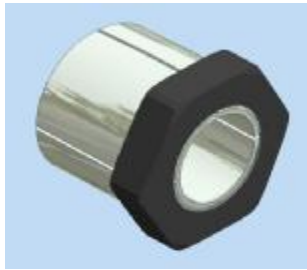


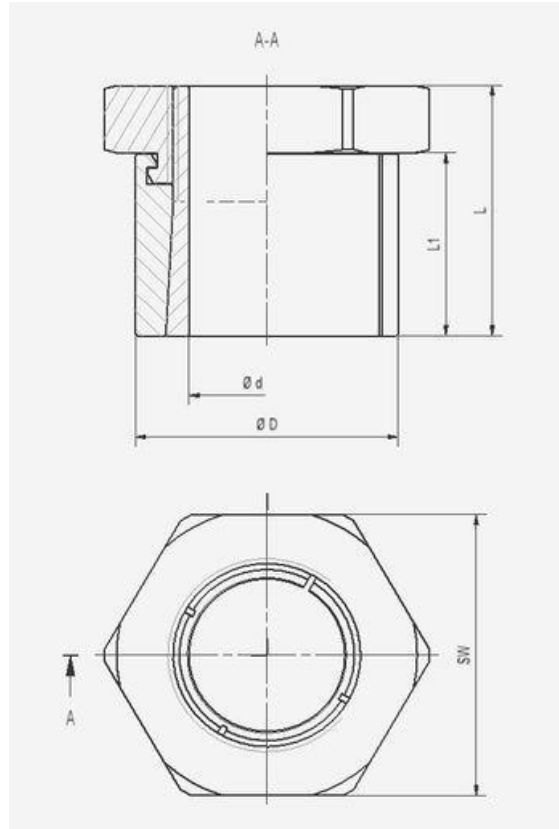
Locking assembly MAV 3805

rev. 1



- Design with single locking 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: $R_a \leq 3.2 \mu\text{m}$
- 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: MAV3805 - 16 x 26 (d x D)

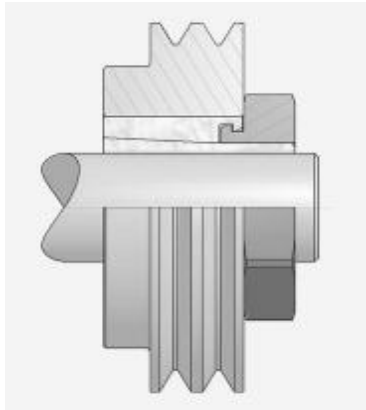
DIMENSIONS					NUT		PERFORMANCES				WEIGHT
d	x	D	L	L ₁	SW	M _a	M _t	F _{ax}	P _s	P _h	
mm		mm	mm	mm	mm	Nm	Nm	N	N/mm ²	N/mm ²	kg
5	x	14	19	15	14	9,9	10	4,1	241	95	0,02
6	x	14	19	15	14	9,9	12	4,1	206	95	0,02
7	x	16	22	17	16	16,9	20	5,7	202	96	0,03
8	x	16	22	17	16	16,9	23	5,7	180	96	0,02
9	x	20	24	19	22	34,9	44	9,7	239	118	0,05
10	x	20	24	19	22	34,9	48	9,7	219	118	0,04
11	x	22	24	19	22	43,8	60	10,8	219	120	0,05
12	x	22	24	19	22	43,8	65	10,8	204	120	0,05
14	x	26	28	22	27	65	92	13,2	178	106	0,08
15	x	26	28	22	27	65	99	13,2	169	106	0,08
16	x	26	28	22	27	65	105	13,2	161	106	0,07
17	x	32	34	26	32	110	165	19,4	197	113	0,15
18	x	35	36	27	36	161	223	24,7	218	125	0,21
19	x	35	36	27	36	161	235	24,7	209	125	0,20
20	x	35	36	27	36	161	247	24,7	201	125	0,19
22	x	42	41	30	46	250	352	32,0	211	122	0,35
24	x	42	41	30	46	250	384	32,0	198	122	0,33
25	x	42	41	30	46	250	400	32,0	193	122	0,32
28	x	47	44	33	50	355	563	40,2	193	126	0,40
30	x	47	44	33	50	355	603	40,2	184	126	0,37
32	x	55	51	38	55	490	764	47,8	160	102	0,63
35	x	55	51	38	55	490	836	47,8	151	102	0,57
38	x	62	58	43	65	700	1142	60,1	160	107	0,90
40	x	62	58	43	65	700	1202	60,1	155	107	0,84
42	x	65	63	48	65	740	1245	59,3	125	87	0,96
45	x	65	63	48	65	740	1334	59,3	119	87	0,86

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

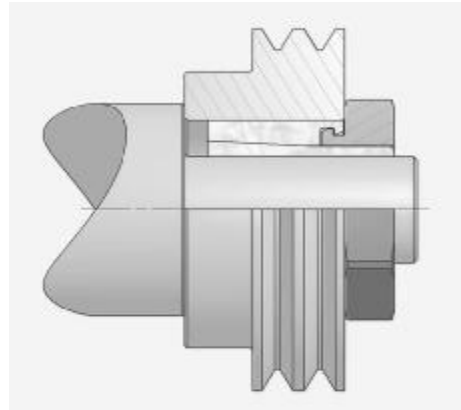
Locking assembly MAV 3805

rev. 1

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

