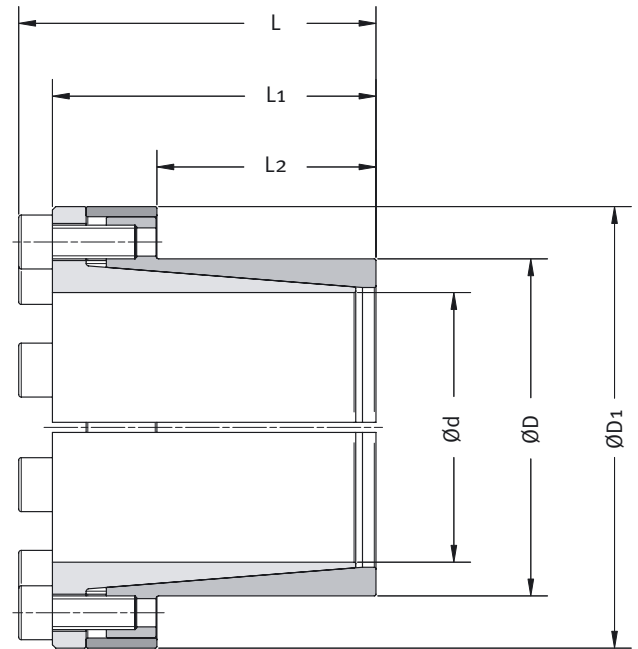




Example of order: MAV 5061 50 x 65

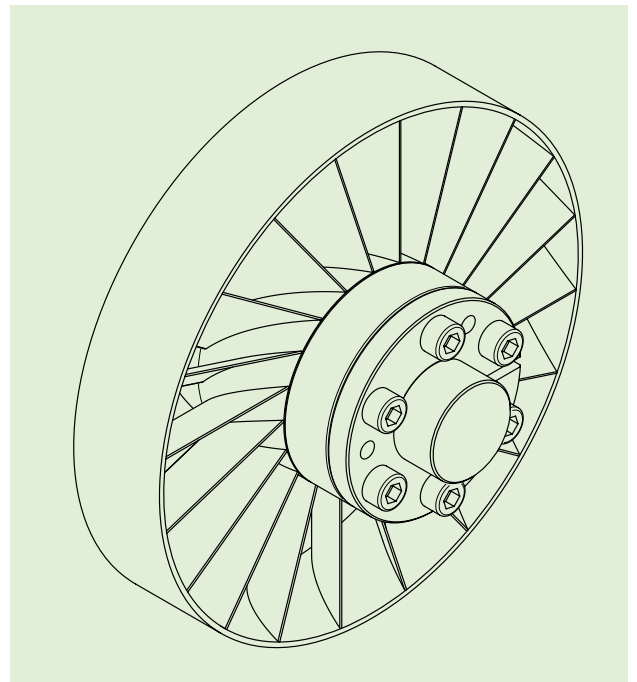
Features

- Medium capacity
- Self-centering, self-locking
- Fixed axial hub position during tightening
- Single taper design
- Well suited for connection of thin walled hubs
- Tolerances: shaft h7-h11; hub bore H7-H11
- Surface finish of shaft and hub bore $Ra < 3.2 \mu m$

Composition

- slotted inner ring, with integrated push-off threads
- Slotted outer ring
- Spacer
- Set of socket head cap screws, grade 12.9

Application examples



Connection of fan with thin walled hub

DIMENSIONS							SCREWS			PERFORMANCES				WEIGHT ^{kg}
d mm	x	D mm	D1 mm	L2 mm	L1 mm	L mm	size	Ma Nm	Mt Nm	Fax kN	Ps MPa	Ph MPa		
6	x	14	25	10	22,0	26,0	M 4 5		21	7	273	134	0,04	
7	x	15	27	12	25,0	29,0	M 4 5		25	7	199	104	0,04	
8	x	15	27	12	25,0	29,0	M 4 5		28	7	177	104	0,05	
9	x	16	29	14	27,0	31,0	M 4 5		42	9	182	112	0,06	
10	x	16	29	14	27,0	31,0	M 4 5		47	9	166	112	0,06	
11	x	18	32	14	27,5	31,5	M 4 5		52	9	149	99	0,07	
12	x	18	32	14	27,5	31,5	M 4 5		57	9	138	99	0,07	
13	x	23	38	14	27,5	31,5	M 4 5		61	9	122	78	0,11	
14	x	23	38	14	27,5	31,5	M 4 5		66	9	114	78	0,11	
15	x	24	44	16	36,5	42,5	M 6 17		130	17	167	115	0,20	
16	x	24	44	16	36,5	42,5	M 6 17		130	17	159	115	0,20	
17	x	17	45	18	39,5	45,5	M 6 17		190	22	179	131	0,20	
18	x	18	47	18	39,5	45,5	M 6 17		200	22	169	126	0,30	
19	x	19	49	18	39,5	45,5	M 6 17		210	22	160	122	0,30	
20	x	20	50	18	39,5	45,5	M 6 17		220	22	152	117	0,30	
22	x	22	54	25	47,0	53,0	M 6 17		250	22	100	74	0,40	
24	x	24	56	25	47,0	53,0	M 6 17		400	33	138	104	0,40	
25	x	25	56	25	47,0	53,0	M 6 17		420	33	133	104	0,40	
28	x	39	61	25	47,0	53,0	M 6 17		470	33	117	91	0,40	
30	x	41	62	25	47,0	53,0	M 6 17		500	33	109	86	0,40	
32	x	43	65	25	47,0	53,0	M 6 17		710	45	137	110	0,50	
35	x	47	68	32	54,0	60,0	M 6 17		780	45	99	79	0,50	
38	x	50	72	32	54,0	60,0	M 6 17		850	45	91	74	0,60	
40	x	53	75	32	54,0	60,0	M 6 17		890	45	86	70	0,70	
42	x	55	78	32	54,0	60,0	M 6 17		940	45	82	67	0,70	
45	x	59	86	45	70,0	78,0	M 8 41		1'900	82	102	82	1,10	
48	x	62	87	45	70,0	78,0	M 8 41		2'000	82	96	78	1,10	
50	x	65	92	45	70,0	78,0	M 8 41		2'100	82	91	75	1,30	
55	x	71	98	55	81,0	89,0	M 8 41		2'500	93	77	63	1,60	
60	x	77	104	55	81,0	89,0	M 8 41		2'800	93	70	58	1,80	
65	x	84	111	55	81,0	89,0	M 8 41		3'000	93	65	53	2,10	
70	x	90	119	65	96,0	106,0	M 10 83		5'300	152	84	69	2,80	
75	x	95	126	65	96,0	106,0	M 10 83		5'700	152	78	65	3,10	
80	x	100	131	65	96,0	106,0	M 10 83		8'100	203	98	83	3,20	
85	x	106	137	65	96,0	106,0	M 10 83		8'600	203	92	78	3,50	
90	x	112	144	65	96,0	106,0	M 10 83		9'100	203	87	74	3,90	
95	x	120	149	65	96,0	106,0	M 10 83		11'200	236	95	80	4,30	
100	x	125	160	70	107,0	119,0	M 12 145		15'100	303	108	92	5,50	
110	x	140	174	70	107,0	119,0	M 12 145		16'600	303	97	82	6,80	
120	x	155	198	90	128,0	140,0	M 12 145		24'200	404	93	77	9,90	
130	x	165	208	90	128,0	140,0	M 12 145		26'200	404	85	72	10,50	

Code:

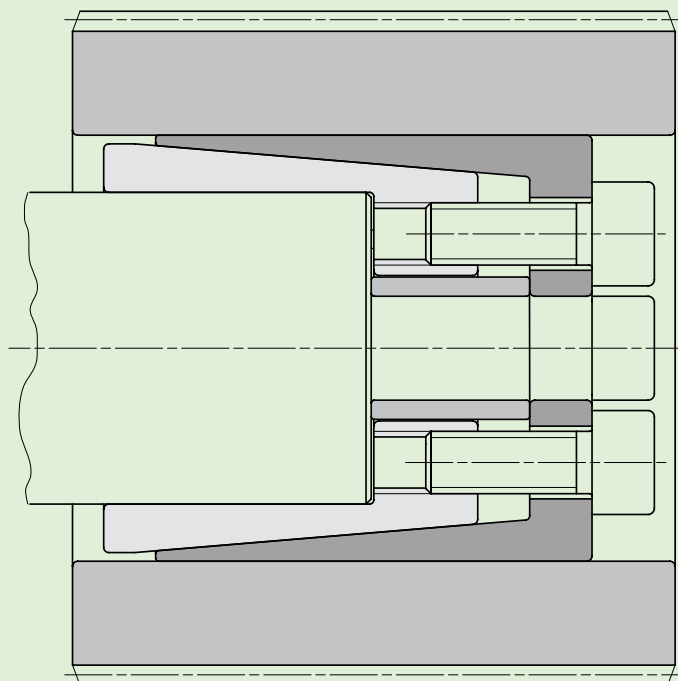
Ma: screws tightening torque

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



Special inverted MAV 5061 for connection of aluminum gear.

Components