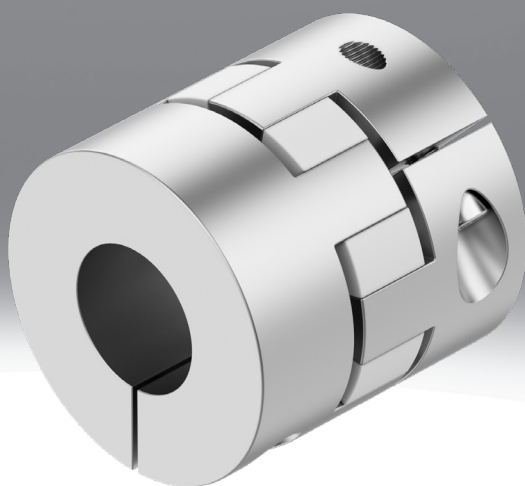


Clutch EAMC

FESTO



Characteristics

Coupling type	
[]	Annular gear coupling
	
Three-piece coupling with clamping hub, suitable for force-locked and back-lash-free transmission of medium and high torques between electric motors and axes.	Coupling hub and elastomer spider are suitable for the force-locked and back-lash-free transmission of small and medium torques between electric motors and axes with a coupling cam interface.

Type code

001	Series	
EAMC	Coupling	

002	Coupling type	
	Annular gear coupling	
H	Coupling hub	

003	Collar diameter [mm]	
10	10	
15	15	
16	16	
19	19	
20	20	
25	25	
30	30	
35	35	
40	40	
42	42	
56	56	
65	65	
67	67	

004	Length	
5	5 mm	
7	7 mm	
10	10 mm	
13	13 mm	
20	20 mm	
30	30 mm	
32	32 mm	
35	35 mm	
50	50 mm	
58	58 mm	
62	62 mm	
66	66 mm	
90	90 mm	

005	Interface elastomer spider	
	Not relevant	
GB5	GB5	
GB8	GB8	
GB16	GB16	

006	Inside diameter 1	
3	3 mm	
4	4 mm	
5	5 mm	
6	6 mm	
6.35	6.35 mm	
8	8 mm	
9	9 mm	
10	10 mm	
11	11 mm	
12	12 mm	
14	14 mm	
15	15 mm	
16	16 mm	
19	19 mm	
20	20 mm	
22	22 mm	
24	24 mm	
25	25 mm	
XX	Closing	

007	Inside diameter 2	
	Not relevant	
5	5 mm	
6	6 mm	
6.35	6.35 mm	
8	8 mm	
9	9 mm	
10	10 mm	
11	11 mm	
12	12 mm	
14	14 mm	
15	15 mm	
16	16 mm	
19	19 mm	
20	20 mm	
22	22 mm	
24	24 mm	
25	25 mm	
32	32 mm	

008	Hardness of elastomer insert	
	Standard	
U	64 Sh D	

Datasheet

General technical data EAMC-16 ...20

Size	16				19		20			
Nominal length	20						30			
Inside diameter 1	3 mm	4 mm	5 mm	6 mm	5 mm			6 mm		
Mass moment of inertia	0.28 kgmm ²				0.38 kgmm ²		1.06 kgmm ²			
Transmittable torque	0.2 Nm	0.7 Nm	1.1 Nm	1.6 Nm	1.1 Nm		2.2 Nm	2.3 Nm		
Max. rotational speed	10,000 rpm						9,000 rpm			
Mounting position	optional									
Product weight	8 g				9 g		20 g			

General technical data – EAMC-30

Size	30																
Nominal length	32						35										
Inside diameter 1	5 mm	6 mm	6.35 mm	8 mm	9 mm	10 mm	6 mm	6.35 mm	8 mm	12 mm							
Mass moment of inertia	5.87 kgmm ²						6.1 kgmm ²										
Transmittable torque	3.5 Nm	6.5 Nm		12.5 Nm			7.5 Nm		8.2 Nm	9.5 Nm							
Max. rotational speed	8,000 rpm																
Mounting position	optional																
Product weight	48 g	45 g, 48 g	48 g				45 g										

General technical data EAMC-40

Size	40																	
Nominal length	66																	
Inside diameter 1	10 mm		11 mm		12 mm		15 mm		20 mm									
Mass moment of inertia	42.3 kgmm ²																	
Transmittable torque	21 Nm																	
Max. rotational speed	6,500 rpm																	
Mounting position	optional																	
Product weight	139 g																	

General technical data EAMC-42

Size	42																	
Nominal length	50																	
Inside diameter 1	8 mm		9 mm	10 mm		11 mm		12 mm										
Inside diameter 2	16 mm	19 mm	12 mm		19 mm	12 mm	16 mm	12 mm	14 mm	16 mm	19 mm	20 mm						
Mass moment of inertia	34.8 kgmm ²																	
Transmittable torque ¹⁾	17 Nm					17 Nm; 21 Nm	21 Nm	17 Nm	17 Nm; 21 Nm									
Max. rotational speed	6,000 rpm																	
Mounting position	optional																	
Product weight	148 g	140 g	146 g	145 g	147 g	138 g, 146 g	150 g	138 g	142 g, 143 g	140 g, 141 g	138 g	135 g, 136 g						

1) The values apply to: EAMC-...; EAMC-...-U

General technical data EAMC-42

Size	42																
Nominal length	50									66							
Inside diameter 1	12 mm			14 mm	16 mm				19 mm	11 mm							
Inside diameter 2	22 mm	24 mm	16 mm			19 mm	20 mm	19 mm	12 mm								
Mass moment of inertia	34.8 kgmm ²									45.5 kgmm ²							
Transmittable torque ¹⁾	21 Nm	17 Nm	21 Nm							17 Nm							
Max. rotational speed	6,000 rpm																
Mounting position	optional																
Product weight	133 g	130 g	147 g	145 g	141 g	140 g	137 g	166 g									

1) The values apply to: EAMC-...; EAMC-...-U

Datasheet

General technical data EAMC-56

Size	56													
Nominal length	58													
Inside diameter 1	16 mm		19 mm						20 mm		22 mm		24 mm	25 mm
Inside diameter 2	22 mm	24 mm	19 mm	20 mm	22 mm	24 mm	25 mm	32 mm	22 mm	25 mm	24 mm	25 mm		
Mass moment of inertia	128 kgmm ²													
Transmittable torque	60 Nm							72 Nm	60 Nm	75 Nm	60 Nm			75 Nm
Max. rotational speed	5,500 rpm													
Mounting position	optional													
Product weight	298 g	294 g	285 g	284 g	283 g	277 g	275 g	271 g	281 g	275 g	274 g	272 g	265 g	266 g

General technical data EAMC-65... 67

Size	65		67		
Nominal length	90		62		
Inside diameter 1	15 mm	25 mm	24 mm		
Inside diameter 2	24 mm	32 mm	24 mm	25 mm	32 mm
Mass moment of inertia	417 kgmm ²		280 kgmm ²		
Transmittable torque	80 Nm	92 Nm	143 Nm		
Max. rotational speed	4,500 rpm				
Mounting position	optional				
Product weight	535 g		436 g	435 g	428 g

General technical data EAMC-H-10... 25

Size	10	15				15/25		
Nominal length	9.5	12.4				15.4		
Inside diameter 1	5 mm		6 mm	6.35 mm	8 mm	9 mm	11 mm	14 mm
Mass moment of inertia	0.022 kgmm ²	0.191 kgmm ²				1.04 kgmm ²		
Transmittable torque	0.6 Nm	1.5 Nm	2 Nm					
Max. rotational speed	10,000 rpm							
Mounting position	optional							
Product weight	2 g	5 g			4 g	13 g	12 g	11 g

General technical data EAMC-H-30... 35

Size	30							30/35
Nominal length	20.7							23.4
Inside diameter 1	6.35 mm	8 mm	9 mm	10 mm	11 mm	12 mm	14 mm	19 mm
Mass moment of inertia	3.2 kgmm ²							5.8 kgmm ²
Transmittable torque	6 Nm	7.5 Nm	8.5 Nm	9.5 Nm	10.5 Nm	11.5 Nm	13.5 Nm	15 Nm
Max. rotational speed	8,000 rpm							
Mounting position	optional							
Product weight	26 g		25 g			24 g	23 g	31 g

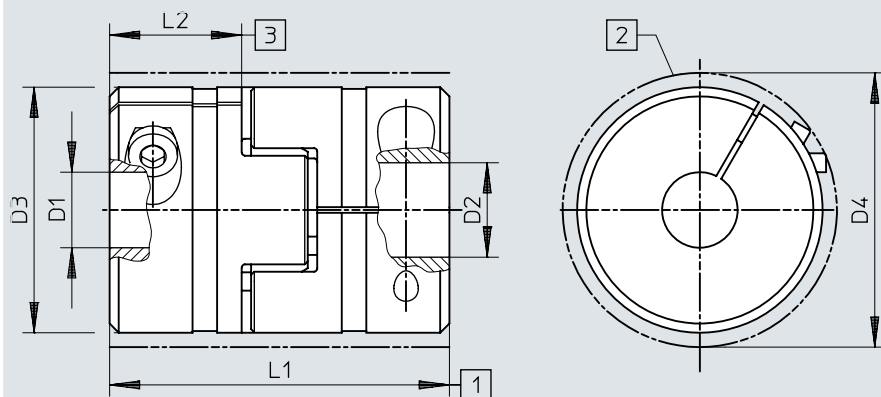
Operating and environmental conditions

Ambient temperature	-25 ... 60°C
Storage temperature	-25 ... 60°C
Relative air humidity	0 - 95%
LABS (PWIS) conformity	VDMA24364-B2-L
Note on materials	RoHS-compliant

Dimensions

Dimensions – Gear coupling EAMC-16 ... 30

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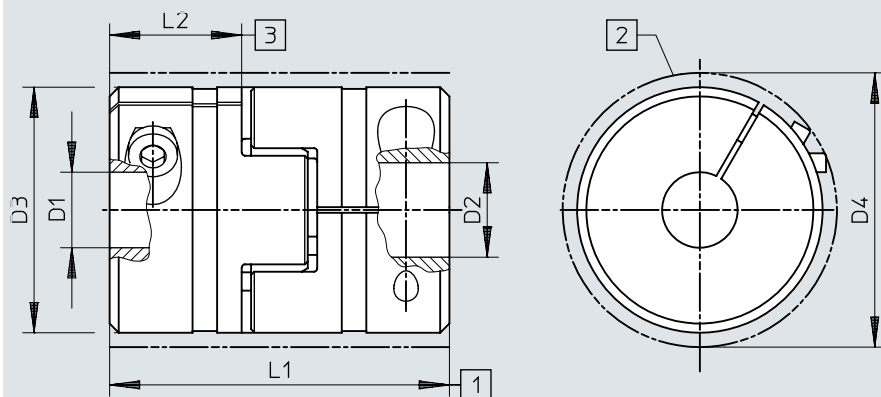
- [1] Nominal length with axial offset compensation
- [2] Min. installation $\varnothing$ (interfering contour of the clamping screw)
- [3] Insertion depth

Dimensions

	D1 Ø H7	D2 Ø H7	D3 Ø	D4 Ø	L1	L2
EAMC-16-20-3-5	3	5	16	17	20±1	6,5
EAMC-16-20-3-6	3	6	16	17	20±1	6,5
EAMC-16-20-3-8	3	8	16	17	20±1	6,5
EAMC-16-20-4-5	4	5	16	17	20±1	6,5
EAMC-16-20-4-6	4	6	16	17	20±1	6,5
EAMC-16-20-4-8	4	8	16	17	20±1	6,5
EAMC-16-20-5-5	5	5	16	17	20±1	6,5
EAMC-16-20-5-6	5	6	16	17	20±1	6,5
EAMC-16-20-5-8	5	8	16	17	20±1	6,5
EAMC-16-20-6-6	6	6	16	17	20±1	6,5
EAMC-16-20-6-8	6	8	16	17	20±1	6,5
EAMC-19-20-5-9	5	9	19	19	20±1	6,5
EAMC-20-30-5-6	5	6	20	24	30	10
EAMC-20-30-6-6	6	6	20	24	30	10
EAMC-20-30-6-10	6	10	20	24	30	10
EAMC-30-32-5-6	5	6	30	30	32±1	10,3
EAMC-30-32-5-8	5	8	30	30	32±1	10,3
EAMC-30-32-6-6	6	6	30	30	32±1	10,3
EAMC-30-32-6-6.35	6	6,35	30	30	32±1	10,3
EAMC-30-32-6-8	6	8	30	30	32±1	10,3
EAMC-30-32-6-9	6	9	30	30	32±1	10,3
EAMC-30-32-6-10	6	10	30	30	32±1	10,3
EAMC-30-32-6-11	6	11	30	30	32±1	10,3
EAMC-30-32-6-12	6	12	30	30	32±1	10,3
EAMC-30-32-6-14	6	14	30	31,4	32±1	10,3
EAMC-30-32-6.35-8	6,35	8	30	30	32±1	10,3
EAMC-30-32-6.35-10	6,35	10	30	30	32±1	10,3
EAMC-30-32-8-8	8	8	30	30	32±1	10,3
EAMC-30-32-8-9	8	9	30	30	32±1	10,3
EAMC-30-32-8-10	8	10	30	30	32±1	10,3
EAMC-30-32-8-11	8	11	30	30	32±1	10,3
EAMC-30-32-8-12	8	12	30	30	32±1	10,3
EAMC-30-32-8-14	8	14	30	31,4	32±1	10,3
EAMC-30-32-9-10	9	10	30	30	32±1	10,3
EAMC-30-32-10-10	10	10	30	30	32±1	10,3
EAMC-30-32-10-11	10	11	30	30	32±1	10,3
EAMC-30-32-10-14	10	14	30	31,4	32±1	10,3
EAMC-30-35-6-8	6	8	30	31,4	35±0,7	11
EAMC-30-35-6-10	6	10	30	31,4	35±0,7	11
EAMC-30-35-6-11	6	11	30	31,4	35±0,7	11
EAMC-30-35-6.35-8	6,35	8	30	31,4	35±0,7	11
EAMC-30-35-6.35-12	6,35	12	30	31,4	35±0,7	11
EAMC-30-35-8-8	8	8	30	31,4	35±0,7	11
EAMC-30-35-8-9	8	9	30	31,4	35±0,7	11
EAMC-30-35-8-10	8	10	30	31,4	35±0,7	11
EAMC-30-35-8-11	8	11	30	31,4	35±0,7	11
EAMC-30-35-8-12	8	12	30	31,4	35±0,7	11
EAMC-30-35-8-14	8	14	30	31,4	35±0,7	11
EAMC-30-35-12-12	12	12	30	31,4	35±0,7	11

Dimensions

Dimensions – Gear coupling EAMC-40 ... 67

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- [1] Nominal length with axial offset compensation
- [2] Min. installation $\varnothing$ (interfering contour of the clamping screw)
- [3] Insertion depth

Dimensions

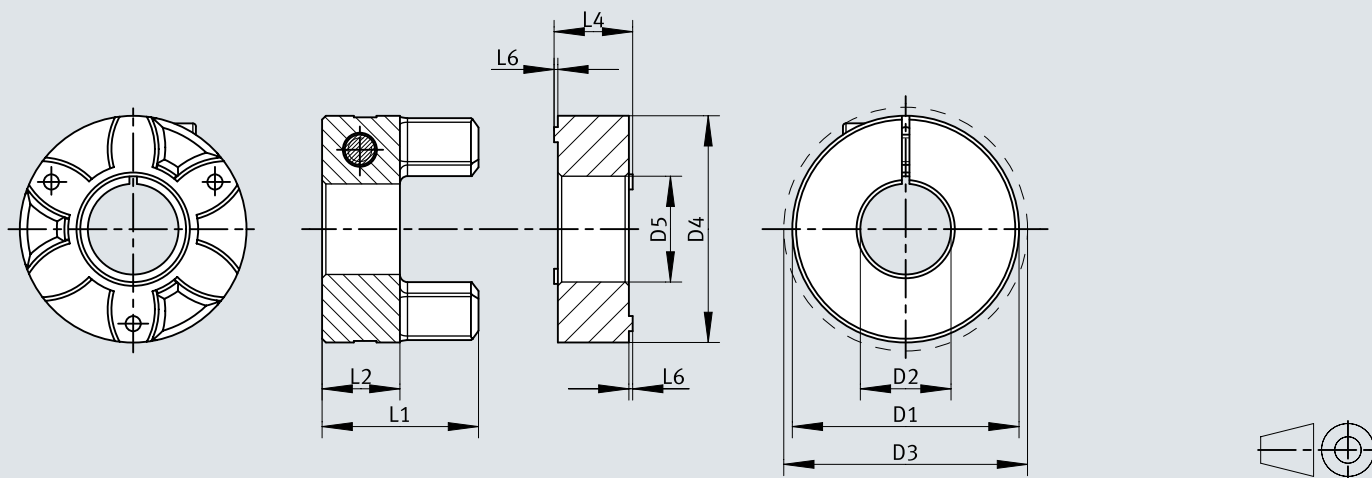
	D1 Ø H7	D2 Ø H7	D3 Ø	D4 Ø	L1	L2
EAMC-40-66-10-12	10	12	40	45,8	66±0,85	25
EAMC-40-66-11-11	11	11	40	45,8	66±0,85	25
EAMC-40-66-11-12	11	12	40	45,8	66±0,85	25
EAMC-40-66-11-14	11	14	40	45,8	66±0,85	25
EAMC-40-66-11-15	11	15	40	45,8	66±0,85	25
EAMC-40-66-12-14	12	14	40	45,8	66±0,85	25
EAMC-40-66-12-15	12	15	40	45,8	66±0,85	25
EAMC-40-66-12-20	12	20	40	45,8	66±0,85	25
EAMC-40-66-15-16	15	16	40	45,8	66±0,85	25
EAMC-40-66-15-19	15	19	40	45,8	66±0,85	25
EAMC-40-66-15-20	15	20	40	45,8	66±0,85	25
EAMC-40-66-15-22	15	22	40	45,8	66±0,85	25
EAMC-40-66-20-24	20	24	40	45,8	66±0,85	25
EAMC-40-66-XX-15	XX ¹⁾	15	40	45,8	66±0,85	25
EAMC-40-66-XX-20	XX ¹⁾	20	40	45,8	66±0,85	25
EAMC-42-50-8-16	8	16	42	44,5	50±2	17
EAMC-42-50-8-19	8	19	42	44,5	50±2	17
EAMC-42-50-9-12	9	12	42	44,5	50±2	17
EAMC-42-50-10-12	10	12	42	44,5	50±2	17
EAMC-42-50-10-19	10	19	42	44,5	50±2	17
EAMC-42-50-11-12	11	12	42	44,5	50±2	17
EAMC-42-50-11-16-U	11	16	42	44,5	50±2	17
EAMC-42-50-12-12	12	12	42	44,5	50±2	17
EAMC-42-50-12-14	12	14	42	44,5	50±2	17
EAMC-42-50-12-14-U	12	14	42	44,5	50±2	17
EAMC-42-50-12-16	12	16	42	44,5	50±2	17
EAMC-42-50-12-16-U	12	16	42	44,5	50±2	17
EAMC-42-50-12-19	12	19	42	44,5	50±2	17
EAMC-42-50-12-20	12	20	42	44,5	50±2	17
EAMC-42-50-12-24	12	24	42	44,5	50±2	17
EAMC-42-50-14-16-U	14	16	42	44,5	50±2	17
EAMC-42-50-16-16-U	16	16	42	44,5	50±2	17
EAMC-42-50-16-19-U	16	19	42	44,5	50±2	17
EAMC-42-50-16-20-U	16	20	42	44,5	50±2	17
EAMC-42-50-19-19-U	19	19	42	44,5	50±2	17
EAMC-42-66-11-12	11	12	42	44,5	66±2	25
EAMC-56-58-16-22	16	22	56	57	58±2	19,9
EAMC-56-58-16-24	16	24	56	57	58±2	19,9
EAMC-56-58-19-19	19	19	56	57	58±2	19,9
EAMC-56-58-19-20	19	20	56	57	58±2	19,9
EAMC-56-58-19-22	19	22	56	57	58±2	19,9
EAMC-56-58-19-24	19	24	56	57	58±2	19,9
EAMC-56-58-19-25	19	25	56	57	58±2	19,9
EAMC-56-58-19-32-U	19	32	56	57	58±2	19,9
EAMC-56-58-20-22	20	22	56	57	58±2	19,9
EAMC-56-58-20-25-U	20	25	56	57	58±2	19,9
EAMC-56-58-22-24	22	24	56	57	58±2	19,9
EAMC-56-58-22-25	22	25	56	57	58±2	19,9
EAMC-56-58-24-25	24	25	56	57	58±2	19,9
EAMC-56-58-25-25-U	25	25	56	57	58±2	19,9
EAMC-65-90-15-24	15	24	65	72,6	90±1,1	35
EAMC-65-90-25-32	25	32	65	72,6	90±1,1	35
EAMC-65-90-XX-25	XX ²⁾	25	65	72,6	90±1,1	35
EAMC-67-62-24-24	24	24	66,5	68	62±2	21,25
EAMC-67-62-24-25	24	25	66,5	68	62±2	21,25
EAMC-67-62-24-32	24	32	66,5	68	62±2	21,25

1) Hub pre-drilled to Ø 5 mm. Drilled hole max. 20 mm

2) Hub pre-drilled to Ø 9.5 mm. Drilled hole max. 38 mm

Dimensions

Dimensions – Coupling hub EAMC-H-10/-15/-30

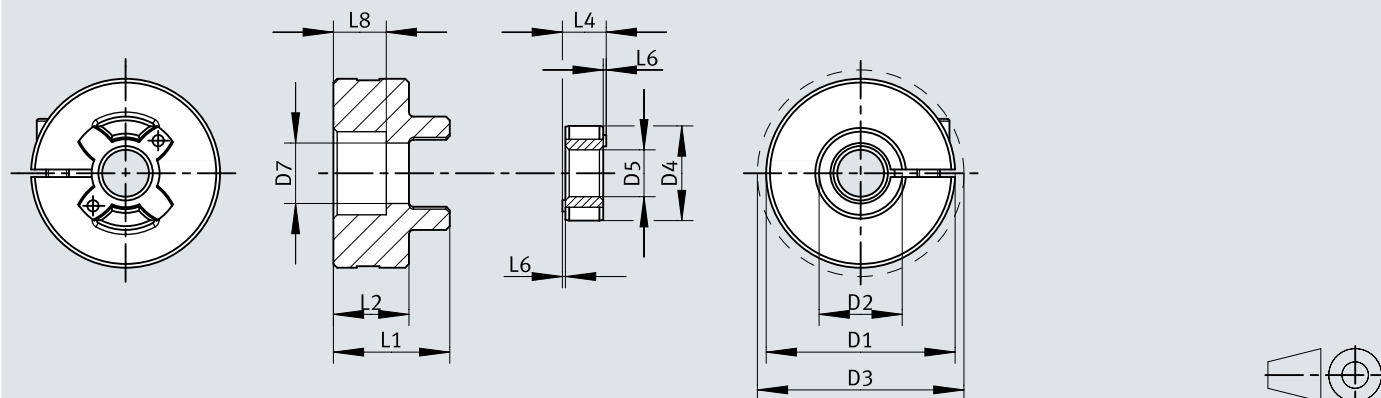
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	D1 ø h9	D2 ø H7	D3 ø	D4 ø	D5	L1	L2	L4	L6
EAMC-H-10-5-GB5-5	10,8	5	12,5	10	–	9,5	5	4,6	0,3
EAMC-H-15-7-GB8-5	17	5	19,4	15	6,2	12,4	7	5,8	0,4
EAMC-H-15-7-GB8-6	17	6	19,4	15	6,2	12,4	7	5,8	0,4
EAMC-H-15-7-GB8-6.35	17	6,35	19,4	15	6,2	12,4	7	5,8	0,4
EAMC-H-15-7-GB8-8	17	8	19,4	15	6,2	12,4	7	5,8	0,4
EAMC-H-30-10-GB16-6.35	30	6,35	32,9	30	14	20,7	10,3	10,4	0,5
EAMC-H-30-10-GB16-8	30	8	32,9	30	14	20,7	10,3	10,4	0,5
EAMC-H-30-10-GB16-9	30	9	32,9	30	14	20,7	10,3	10,4	0,5
EAMC-H-30-10-GB16-10	30	10	32,9	30	14	20,7	10,3	10,4	0,5
EAMC-H-30-10-GB16-11	30	11	32,9	30	14	20,7	10,3	10,4	0,5
EAMC-H-30-10-GB16-12	30	12	32,9	30	14	20,7	10,3	10,4	0,5
EAMC-H-30-10-GB16-14	30	14	32,9	30	14	20,7	10,3	10,4	0,5

Dimensions

Dimensions – Coupling hub EAMC-H-25/-35

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	D1 ø h9	D2 ø H7	D3 ø	D4 ø	D5	D7	L1	L2	L4	L6	L8
EAMC-H-25-10-GB8-9	25	9	27,6	25	6,2	–	15,4	10	5,8	0,4	–
EAMC-H-25-10-GB8-11	25	11	27,6	25	6,2	8	15,4	10	5,8	0,4	7
EAMC-H-25-10-GB8-14	25	14	27,6	25	6,2	8	15,4	10	5,8	0,4	7
EAMC-H-35-13-GB16-19	35	19	37,1	35	14	13	23,4	13	10,4	0,5	12

Ordering data

Gear coupling EAMC					
	Size	Nominal length	Inside diameter 1	Part no.	Type
	16	20 mm	3 mm	562672	EAMC-16-20-3-5
				2310368	EAMC-16-20-3-8
				562671	EAMC-16-20-3-6
			4 mm	562674	EAMC-16-20-4-5
				562675	EAMC-16-20-4-8
				562673	EAMC-16-20-4-6
			5 mm	562677	EAMC-16-20-5-8
				543419	EAMC-16-20-5-6
				562676	EAMC-16-20-5-5
			6 mm	543420	EAMC-16-20-6-6
				1232854	EAMC-16-20-6-8
	19		5 mm	8126386	EAMC-19-20-5-9
	20	30 mm	6 mm	558902	EAMC-20-30-5-6
				1451964	EAMC-20-30-6-10
				558901	EAMC-20-30-6-6
	30	32 mm	5 mm	561333	EAMC-30-32-5-6
				562678	EAMC-30-32-5-8
			6 mm	551003	EAMC-30-32-6-9
				551002	EAMC-30-32-6-6.35
				533708	EAMC-30-32-6-8
				1233256	EAMC-30-32-6-14
				8099435	EAMC-30-32-6-12
				558312	EAMC-30-32-6-6
				562681	EAMC-30-32-6-10
				3187577	EAMC-30-32-6-11
			6.35 mm	562679	EAMC-30-32-6.35-10
				543421	EAMC-30-32-6.35-8
			8 mm	551004	EAMC-30-32-8-11
				8115760	EAMC-30-32-8-12
				543422	EAMC-30-32-8-8
				562682	EAMC-30-32-8-14
				543423	EAMC-30-32-8-9
				558029	EAMC-30-32-8-10
			9 mm	562680	EAMC-30-32-9-10
			10 mm	562683	EAMC-30-32-10-14
				2310372	EAMC-30-32-10-10
				565008	EAMC-30-32-10-11
		35 mm	6 mm	123041	EAMC-30-35-6-8
				1453062	EAMC-30-35-6-10
				123843	EAMC-30-35-6-11
			6.35 mm	530088	EAMC-30-35-6.35-8
				550995	EAMC-30-35-6.35-12
			8 mm	123043	EAMC-30-35-8-12
				123044	EAMC-30-35-8-8
				557390	EAMC-30-35-8-9
				123050	EAMC-30-35-8-10
				123042	EAMC-30-35-8-11
				1453063	EAMC-30-35-8-14
			12 mm	123052	EAMC-30-35-12-12
	40	66 mm	10 mm	1452794	EAMC-40-66-10-12
			11 mm	530090	EAMC-40-66-11-11
				1452798	EAMC-40-66-11-14
				525864	EAMC-40-66-11-12
				550998	EAMC-40-66-11-15
			12 mm	123851	EAMC-40-66-12-20

Ordering data

Gear coupling EAMC					
	Size	Nominal length	Inside diameter 1	Part no.	Type
	40	66 mm	12 mm	1452803	EAMC-40-66-12-14
				123850	EAMC-40-66-12-15
			15 mm	123845	EAMC-40-66-15-20
				3307627	EAMC-40-66-15-22
				123846	EAMC-40-66-15-16
				123844	EAMC-40-66-15-19
			20 mm	176034	EAMC-40-66-20-24
			Closing	176037	EAMC-40-66-XX-20
				176036	EAMC-40-66-XX-15
	42	50 mm	8 mm	2310376	EAMC-42-50-8-19
				8186207	EAMC-42-50-8-16
			9 mm	1732001	EAMC-42-50-9-12
				2733794	EAMC-42-50-10-19
			10 mm	1455666	EAMC-42-50-10-12
				8086048	EAMC-42-50-11-12-U
				543424	EAMC-42-50-11-12
				8228281	EAMC-42-50-11-16-U
			12 mm	8099432	EAMC-42-50-12-14-U
				8099434	EAMC-42-50-12-22-U
				8101555	EAMC-42-50-12-19-U
				558314	EAMC-42-50-12-24
				551005	EAMC-42-50-12-19
				533709	EAMC-42-50-12-12
				1232880	EAMC-42-50-12-16
				2138701	EAMC-42-50-12-20
				8086049	EAMC-42-50-12-20-U
				1455671	EAMC-42-50-12-14
				8099433	EAMC-42-50-12-16-U
			14 mm	8228280	EAMC-42-50-14-16-U
			16 mm	8225422	EAMC-42-50-16-19-U
				8230707	EAMC-42-50-16-20-U
				8230706	EAMC-42-50-16-16-U
			19 mm	8225423	EAMC-42-50-19-19-U
		66 mm	11 mm	558313	EAMC-42-66-11-12
	56	58 mm	16 mm	8224386	EAMC-56-58-16-22
				8228283	EAMC-56-58-16-24
			19 mm	1485673	EAMC-56-58-19-19
				8099430	EAMC-56-58-19-22
				3181801	EAMC-56-58-19-20
				558315	EAMC-56-58-19-25
				1485674	EAMC-56-58-19-24
				8228600	EAMC-56-58-19-32-U
			20 mm	8203734	EAMC-56-58-20-25-U
				8134825	EAMC-56-58-20-22
			22 mm	8134826	EAMC-56-58-22-24
				8099431	EAMC-56-58-22-25
			24 mm	558316	EAMC-56-58-24-25
			25 mm	8203733	EAMC-56-58-25-25-U
	65	90 mm	15 mm	530940	EAMC-65-90-15-24
			25 mm	1745817	EAMC-65-90-25-32
			Closing	176038	EAMC-65-90-XX-25
	67	62 mm	24 mm	1485796	EAMC-67-62-24-32
				3187895	EAMC-67-62-24-25
				1451407	EAMC-67-62-24-24

Ordering data

Coupling hub EAMC-H					
	Size	Nominal length	Inside diameter 1	Part no.	Type
	10	9.5 mm	5 mm	8228646	EAMC-H-10-5-GB5-5
	15	12.4 mm		8228647	EAMC-H-15-7-GB8-5
			6 mm	8228648	EAMC-H-15-7-GB8-6
			6.35 mm	8228649	EAMC-H-15-7-GB8-6.35
			8 mm	8228650	EAMC-H-15-7-GB8-8
	30	20.7 mm	6.35 mm	8228654	EAMC-H-30-10-GB16-6.35
			8 mm	8228655	EAMC-H-30-10-GB16-8
			9 mm	8228656	EAMC-H-30-10-GB16-9
			10 mm	8228657	EAMC-H-30-10-GB16-10
			11 mm	8228658	EAMC-H-30-10-GB16-11
			12 mm	8228659	EAMC-H-30-10-GB16-12
			14 mm	8228660	EAMC-H-30-10-GB16-14
	15/25	15.4 mm	9 mm	8228651	EAMC-H-25-10-GB8-9
			11 mm	8228652	EAMC-H-25-10-GB8-11
			14 mm	8228653	EAMC-H-25-10-GB8-14
	30/35	23.4 mm	19 mm	8228661	EAMC-H-35-13-GB16-19