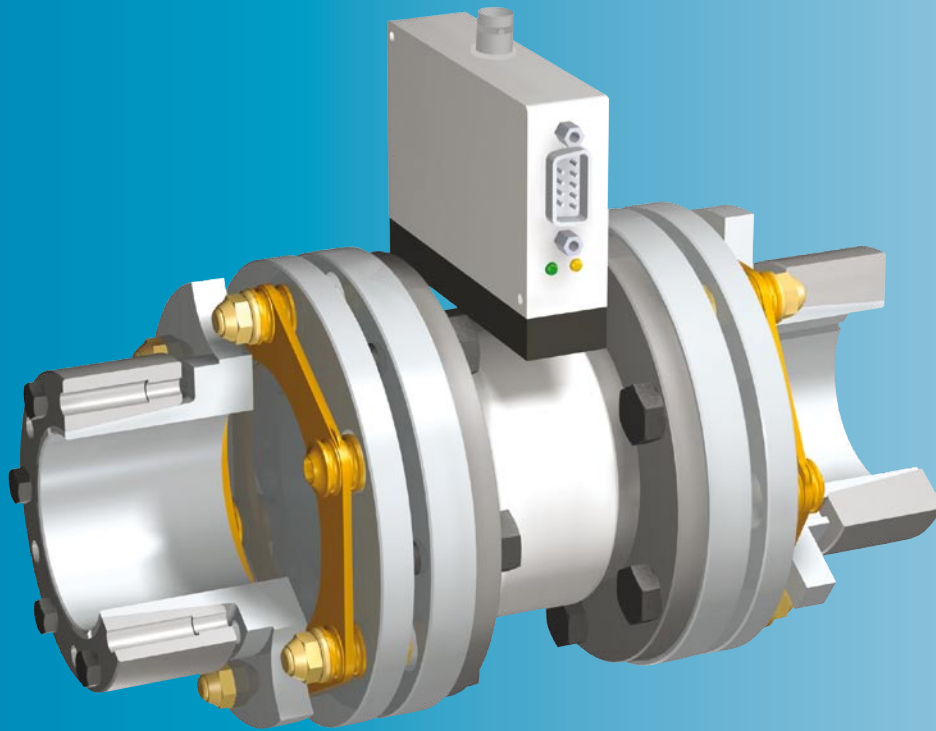


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Key hub

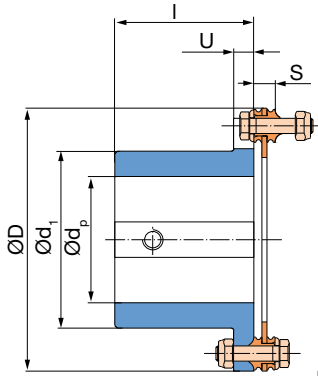


Fig. 3

Dimensions [mm]

Size	16	40	160
$d_{p \min}$	16	25	40
$d_{p \max}$	32	50	80
D	77	104	167
d_1	50	70	115
L	178,2	230,8	329,2
I	40	55	85
S	7,1	8,4	11,6
U	7	8	12

Mass moment of inertia J [10^{-3} kgm^2]

Size	16	40	160
Hub ¹⁾	0,27	1,16	12,51

Weight [kg]

Size	16	40	160
Hub ¹⁾	0,46	1,02	4,25

1) Mass moment of inertia and weight are valid for maximum bore.

Key hub large

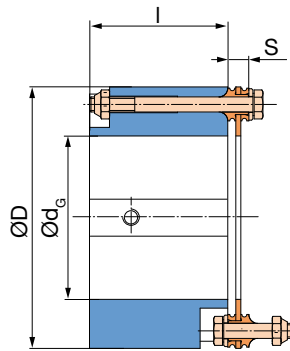


Fig. 4

Dimensions [mm]

Size	16	40	160
$d_{G \min}$	30	45	75
$d_{G \max}$	45	65	110
D	77	104	167
L	178,2	230,8	329,2
I	40	55	85
S	7,1	8,4	11,6

Mass moment of inertia J [10^{-3} kgm^2]

Size	16	40	160
Hub ¹⁾	0,86	3,89	36,00

Weight [kg]

Size	16	40	160
Hub ¹⁾	0,87	2,08	7,23

1) Mass moment of inertia and weight are valid for maximum bore.

Shrink disk hub/external clamping

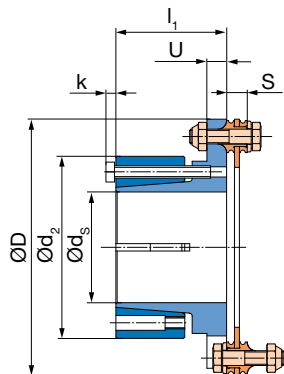


Fig. 5

Dimensions [mm]

Size	16	40	160
$d_{S \min}^{2)}$	14	25	40
$d_{S \max}^{2)}$	26	45	65
D	77	104	167
d_2	53	74	118
k	3,5	3,5	5,5
L	168,2	210,8	279,2
I_1	35	45	60
S	7,1	8,4	11,6
U	7	8	12

Mass moment of inertia J [10^{-3} kgm^2]

Size	16	40	160
Hub ¹⁾	0,27	1,15	11,14

Weight [kg]

Size	16	40	160
Hub ¹⁾	0,49	1,03	3,99

1) Mass moment of inertia and weight are valid for maximum bore.

2) Transmittable torques are dependent on bore, see page 6.

Shrink disk hub, large

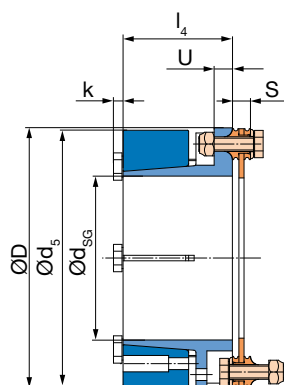


Fig. 6

Dimensions [mm]

Size	16	40	160
$d_{SG \min}^{2)}$	25	40	65
$d_{SG \max}^{2)}$	45	60	100
D	77	104	167
d_5	77	100	162
k	3,5	3,5	5,5
L	178,2	220,8	299,2
I_4	40	50	70
S	7,1	8,4	11,6
U	7	8	12

Mass moment of inertia J [10^{-3} kgm^2]

Size	16	40	160
Hub ¹⁾	0,78	2,88	27,35

Weight [kg]

Size	16	40	160
Hub ¹⁾	0,79	1,71	6,08

1) Mass moment of inertia and weight are valid for maximum bore.

2) Transmittable torques are dependent on bore, see page 6.

Clamping ring hub

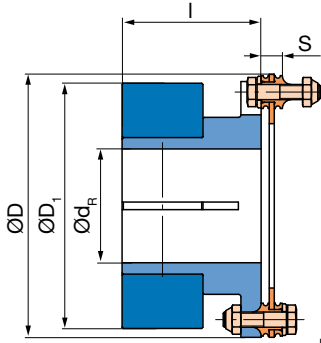


Fig. 7

Dimensions [mm]

Size	16	40	160
$d_{R \min}^{2)}$	20	25	40
$d_{R \max}^{2)}$	35	45	80
D	77	104	167
D ₁	73	97	158
L	178,2	230,8	329,2
l	40	55	85
S	7,1	8,4	11,6

Mass moment of inertia J [10⁻³ kgm²]

Size	16	40	160
Hub ¹⁾	0,63	2,84	28,71

Weight [kg]

Size	16	40	160
Hub ¹⁾	0,76	2,00	7,61

1) Mass moment of inertia and weight are valid for maximum bore.

2) Transmittable torques are dependent on bore, see page 6.

Clamping hub

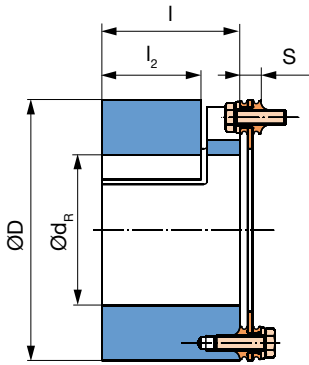


Fig.8

Dimensions [mm]

Size	16	40	160
$d_{R \min}^{2)}$	20	25	40
$d_{R \max}^{2)}$	45	60	100
D	77	104	167
L	178,2	230,8	329,2
l	40	55	85
l ₂	27	39,4	59
S	7,1	8,4	11,6

Mass moment of inertia J [10⁻³ kgm²]

Size	16	40	160
Hub ¹⁾	0,74	3,64	34,32

Weight [kg]

Size	16	40	160
Hub ¹⁾	0,73	2,05	6,94

1) Mass moment of inertia and weight are valid for maximum bore.

2) Transmittable torques are dependent on bore, see page 6.

Flange

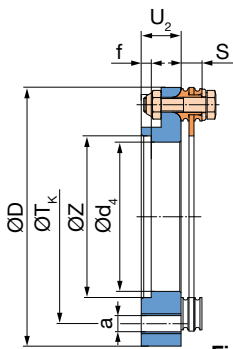


Fig. 9

Dimensions [mm]

Size	16	40	160
ZH7	45	65	105
a	6 x M8	6 x M10	6 x M14
D	77	104	167
d ₄	40	60	100
f	4	4	5
L	128,2	156,8	215,2
S	7,1	8,4	11,6
T _K	62	86	140
U ₂	15	18	28

Mass moment of inertia J [10⁻³ kgm²]

Size	16	40	160
Flange ¹⁾	0,23	0,89	9,48

Weight [kg]

Size	16	40	160
Flange ¹⁾	0,26	0,52	2,10

1) Mass moment of inertia and weight are valid for maximum bore.

Split clamping hub

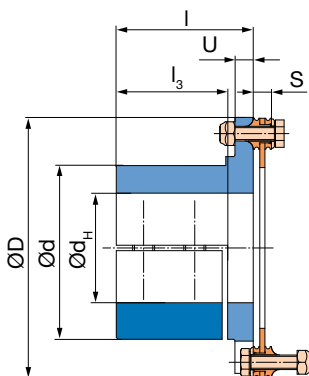


Fig. 10

Dimensions [mm]

Size	16	40	160
$d_{H \min}^{2) 3)}$	18	25	40
$d_{H \max}^{2) 3)}$	28	40	75
D	77	104	167
d	50	70	115
L	178,2	230,8	329,2
l	40	55	85
l ₃	31	43	69
S	7,1	8,4	11,6
U	7	8	12

Mass moment of inertia J [10⁻³ kgm²]

Size	16	40	160
Hub ¹⁾	0,25	1,20	12,49

Weight [kg]

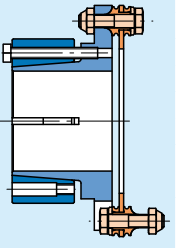
Size	16	40	160
Hub ¹⁾	0,47	1,21	4,45

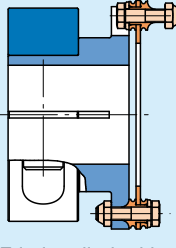
1) Mass moment of inertia and weight are valid for maximum bore.

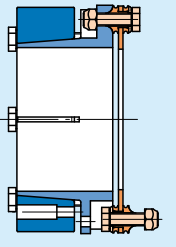
2) Transmittable torques are dependent on bore, see page 6.

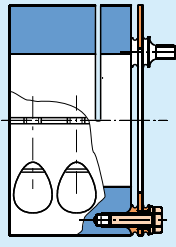
3) Design with optional keyway acc. DIN 6885 possible.

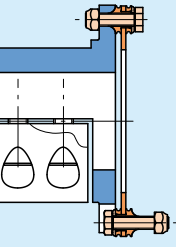
Transmittable torques on shrink disk hubs, clamping ring hubs, clamping hubs and split clamping hubs – dependent on bore

Shrink disk hubs		Bore	Size		
			16	40	160
 <p>Frictionally-locking transmittable torques</p> <p>Shrink disk hubs</p> <p>Valid for H7 / g6</p>	T _R [Nm]	Ø14	157	-	-
		Ø16	179	-	-
		Ø20	240	-	-
		Ø22	269	-	-
		Ø25	312	438	-
		Ø28	-	491	-
		Ø30	-	526	-
		Ø32	-	600	-
		Ø35	-	669	-
		Ø38	-	741	-
		Ø40	Observe!	796	1794
		Ø42	Please	852	1884
		Ø45	observe	932	2019
		Ø50	permitted	-	2400
		Ø55	impact torques	-	2680
		Ø60	on the coupling	-	2967
Ø65	sizes used	-	3263		

Clamping ring hubs		Bore	Size		
			16	40	160
 <p>Frictionally-locking transmittable torques</p> <p>Clamping ring hubs</p> <p>Valid for H7 / h6</p>	T _R [Nm]	Ø20	126	-	-
		Ø22	138	-	-
		Ø25	168	327	-
		Ø28	201	366	-
		Ø30	216	420	-
		Ø32	230	470	-
		Ø35	251	515	-
		Ø38	-	559	-
		Ø40	-	588	1256
		Ø45	-	661	1413
		Ø50	-	-	1680
		Ø55	Observe!	-	1940
		Ø60	Please observe	-	2117
		Ø65	permitted	-	2293
		Ø68	impact torques	-	2399
		Ø70	on the coupling	-	2470
Ø80	sizes used	-	2822		

Shrink disk hubs, large		Bore	Size		
			16	40	160
 <p>Frictionally-locking transmittable torques</p> <p>Shrink disk hubs large</p> <p>Valid for H7 / g6</p>	T _R [Nm]	Ø25	339	-	-
		Ø28	404	-	-
		Ø30	448	-	-
		Ø32	492	-	-
		Ø35	558	-	-
		Ø38	620	-	-
		Ø40	659	873	-
		Ø42	694	937	-
		Ø45	738	1036	-
		Ø48	-	1132	-
		Ø50	-	1195	-
		Ø52	-	1255	-
		Ø55	-	1338	-
		Ø60	-	1454	-
		Ø65	-	-	3246
		Ø70	Observe!	-	3618
Ø75	Please observe	-	3991		
Ø80	permitted	-	4353		
Ø85	impact torques	-	4695		
Ø90	on the coupling	-	5007		
Ø100	sizes used	-	5497		

Clamping hubs		Bore	Size		
			16	40	160
 <p>Frictionally-locking transmittable torques</p> <p>Clamping hubs</p> <p>Valid for H7 / h6</p>	T _R [Nm]	Ø20	183	-	-
		Ø22	202	-	-
		Ø25	229	604	-
		Ø28	257	677	-
		Ø30	275	725	-
		Ø32	293	773	-
		Ø35	321	846	-
		Ø38	348	918	-
		Ø40	367	967	1839
		Ø42	385	1015	1931
		Ø45	412	1087	2069
		Ø48	-	1160	2207
		Ø50	-	1208	2299
		Ø52	-	1257	2391
		Ø55	-	1329	2529
		Ø60	-	1450	2759
Ø65	-	-	2989		
Ø68	-	-	3127		
Ø70	-	-	3219		
Ø75	Observe!	-	3449		
Ø80	Please observe	-	3679		
Ø85	permitted	-	3909		
Ø90	impact torques	-	4139		
Ø95	on the coupling	-	4369		
Ø100	sizes used	-	4599		

Split clamping hubs		Bore	Size		
			16	40	160
 <p>Frictionally-locking transmittable torques</p> <p>Split clamping hubs</p> <p>Valid for H7 / g6</p>	T _R [Nm]	Ø18	130	-	-
		Ø20	144	-	-
		Ø22	158	-	-
		Ø25	180	326	-
		Ø28	202	365	-
		Ø30	-	391	-
		Ø32	-	418	-
		Ø35	-	457	-
		Ø38	-	496	-
		Ø40	-	522	1218
		Ø42	-	-	1279
		Ø45	-	-	1370
		Ø50	-	-	1522
		Ø55	-	-	1675
		Ø60	-	-	1827
		Ø65	-	-	1979
Ø68	-	-	2071		
Ø70	-	-	2131		
Ø75	-	-	2284		

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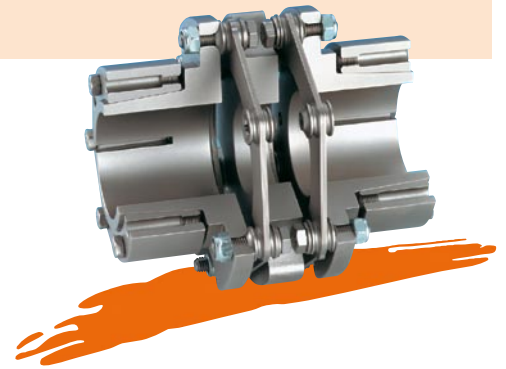
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