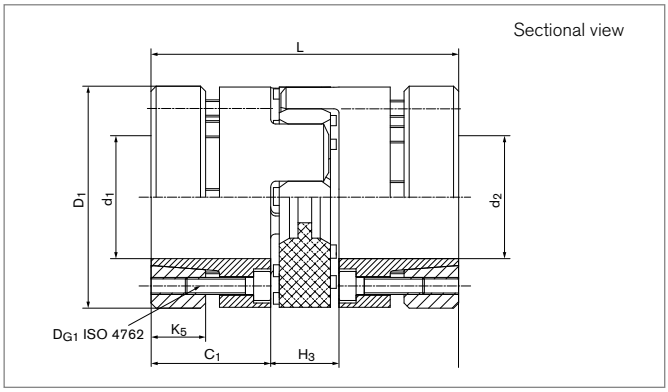
Elastomer Jaw Couplings
RINGFEDER® GWE 5112
Servo-Insert coupling with outer cone





Size	$d_1;d_2$ min-max	C_1	D_1	H_3	K_5	L
	mm	mm	mm	mm	mm	mm
14	6 - 14	18,5	32	13	8	50
19	8 - 20	25	40	16	10	66
24	11 - 25	30	55	18	13	78
28	15 - 36	35	65	20	16	90
38	20 - 41	45	80	24	22	114
42	25 - 50	50	95	26	25	126
48	28 - 55	56	105	28	28	140

Transmission of the couplings transmissible torque T can not longer be guaranteed for certain with borings < d_{min}. Types with borings < d_{min}, however, can be supplied.

Moment of inertia and weight (mass) are calculated with reference to the largest bore size.

Size	T	H_{es}	n_{max}	J	Gw	D_{G1}	T_{A1}
	Nm		1/min	$10^{-3}kgm^2$	kg	mm	Nm
14	12,5	98 SH A	25400	0,014	0,042	4 x M3	1,8
19	17	98 SH A	19000	0,063	0,158	6 x M4	3
24	60	98 SH A	13800	0,26	0,304	4 x M5	6
28	160	98 SH A	11700	0,63	0,505	8 x M5	6
38	325	98 SH A	9550	1,96	0,934	8 x M6	10
42	450	98 SH A	8050	6,43	3,8	4 x M8	35
48	525	98 SH A	7200	10,54	4,9	4 x M10	69

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Transmissible torque T [Nm]

Size	Ø6	Ø10	Ø11	Ø13	Ø14	Ø15	Ø17	Ø19	Ø20	Ø24	Ø25	Ø27	Ø30	Ø32	Ø36	Ø38	Ø42	Ø44	Ø48	Ø50	Ø55
	Nm																				
14	3,6	9	12,5	12,5	12,5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
19	---	17	17	17	17	17	17	17	17	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	22	37	46	56	60	60	60	60	60	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	56	68	114	134	160	160	160	160	160	160	---	---	---	---	---	---
38	---	---	---	---	---	---	---	---	134	230	261	325	325	325	325	325	---	---	---	---	---
42	---	---	---	---	---	---	---	---	---	---	260	329	450	450	450	450	450	450	450	450	---
48	---	---	---	---	---	---	---	---	---	---	---	326	450	525	525	525	525	525	525	525	525

Explanations

$d_1;d_{2min}$ = Min. bore diameter d_1/d_2
$d_1;d_{2max}$ = Max. bore diameter d_1/d_2
$d_{1k};d_{2kmin}$ = Min. bore diameter d_1/d_2 with keyway acc. to DIN 6885-1
$d_{1k};d_{2kmax}$ = Max. bore diameter d_1/d_2 with keyway acc. to DIN 6885-1
C_1 = Guided length in hub bore
D_1 = Outer diameter
H_3 = Length of damping module
K_5 = Width of clamping ring
L = Total length
T = Transmissible torque at given T_A
H_{es} = Hardness of the elastomeric spider
n_{max} = Max. rotation speed
J = Total moment of inertia
Gw = Weight
D_{G1} = Thread
T_{A1} = Tightened torque of clamping screw D_{G1}

Ordering example

Series Size	Bore diameter d_1	Bore diameter d_2	Spider hardness (optional) [1]	Spider bore d_{bz} (optional) [1]
GWE 5112-42	32	41	64 SH D	42

[1] If a different spider hardness is selected, the detailed technical data for the sprockets must be observed. See chapter „Elastomer Jaw Couplings RINGFEDER® GWE Technical description“ in Product Paper & Tech Paper „RINGFEDER® Elastomer Jaw Couplings“

Technical Information

- Hubs up to size 38 made of aluminum, from size 42 made of steel

Further information on
RINGFEDER® GWE 5112
on **www.ringfeder.com**

Disclaimer of liability
All technical details and notes are non-binding and cannot be used as a basis for legal claims. The user is obligated to determine whether the represented products meet his requirements. We reserve the right carry out modifications at any time in the interests of technical progress.

RINGFEDER POWER TRANSMISSION