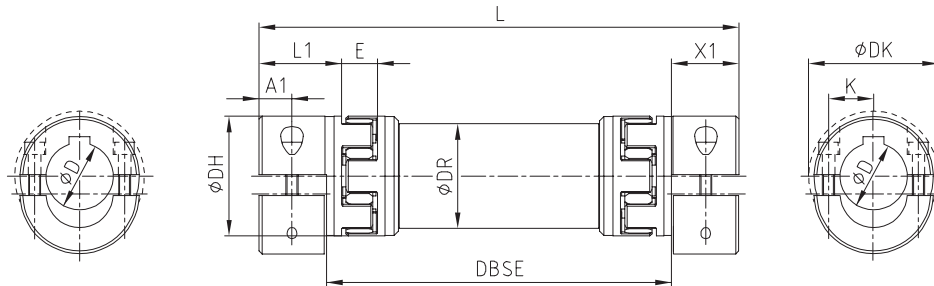
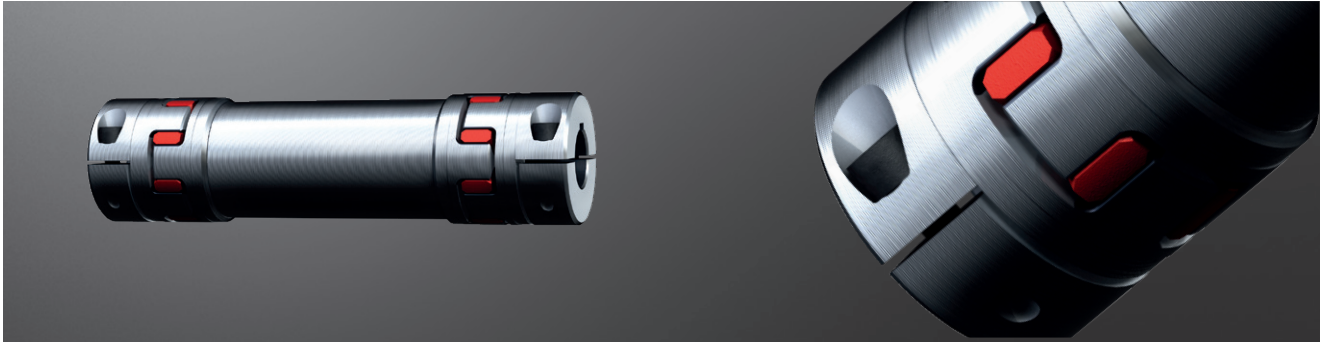


ROTEX® GS ZR3

Backlash-free intermediate shaft couplings

Intermediate shaft coupling with bonded aluminium pipe

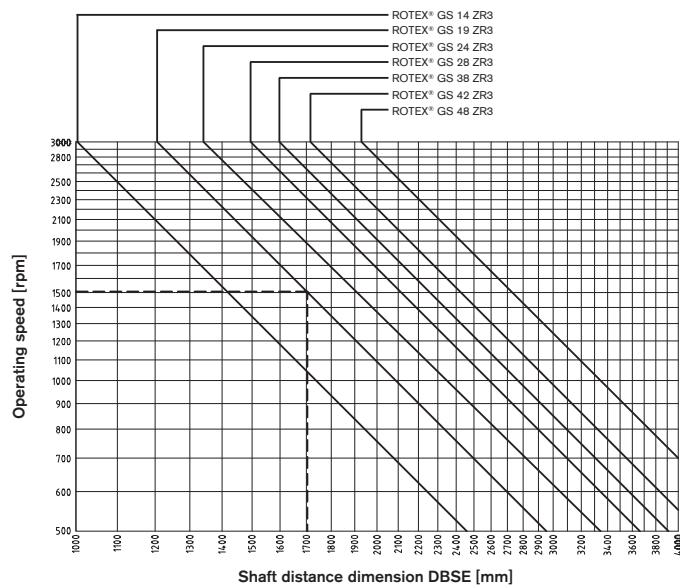


ROTEX® GS Type ZR3 - Hub material aluminium/intermediate pipe material aluminium

Size	Dimensions [mm]														Cap screws DIN EN ISO 4762	
	Max. finish bore D	DH	L1	X1	E	DBSE		L = DBSE + 2 • X1		DR	DK	A1	K	M	T _A [Nm]	
						min.	Max.	min.	Max.					M	T _A [Nm]	
14	15	30	18.5	14.5	13	72	2971	101	3000	28	33.3	7.5	10.5	M4	2.9	
19	20	40	25	17.5	16	98	2965	133	3000	40	46	8.0	14.5	M6	10	
24	30	55	30	22.0	18	121	3456	165	3500	50	57.5	10.5	20	M6	10	
28	38	65	35	25.0	20	137	3950	187	4000	60	73	11.5	25	M8	25	
38	45	80	45	33.0	24	169	3934	235	4000	70	83.5	15.5	30	M8	25	
42	50	95	50	36.5	26	180	3927	253	4000	80	93.5	18.0	32	M10	49	

With inquiries and orders please specify the shaft distance dimension DBSE along with the maximum speed to review the critical bending speed. The intermediate pipe can be combined with other hub types, but in that case it can no longer be radially disassembled. Please specify the required shaft distance dimension DBSE in your order.
 With vertical application a support washer has to be used (please specify in your order).
 Insertion dimension of shaft X1, to make sure the coupling can be radially assembled/disassembled.
 Straightness/concentricity of pipes according to DIN EN 755-1.

Diagramme of permissible operating speeds for type ZR3



Example:
 ROTEX® GS 19
 Operating speed: 1500 rpm
 Max. perm. shaft distance dimension: 1700 mm
 Operating speed = $n_{crit}/1.4$

Ordering example:

ROTEX® GS 24	ZR3	1200 mm	98 ShA-GS	7.5 - Ø24	7.5 - Ø24
Coupling size	Type	Shaft distance dimension (DBSE)	Spider hardness	Hub type	Finish bore
				Hub type	Finish bore