

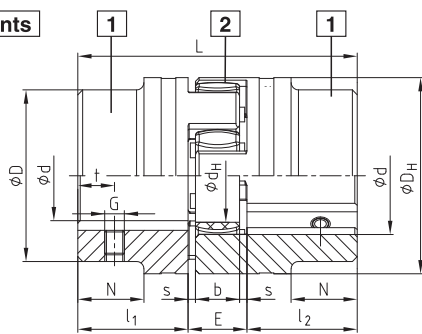
## Flexible jaw couplings

## Shaft coupling design

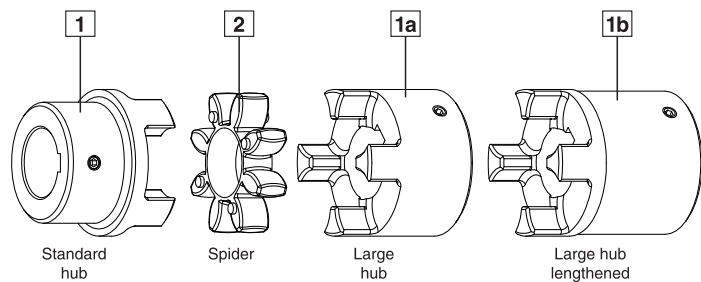


- Hubs from steel, specifically suitable for drive elements subject to high loads, e. g. steel mills, elevator drives, spline hubs, etc.)
- Torsionally flexible, maintenance-free, vibration-damping
- Axial plug-in, fail-safe
- Allow machining - good dynamic properties
- Compact design/small flywheel effect
- Finish bore according to ISO fit H7, feather keyway according to DIN 6885 sheet 1 - JS9

### Components



Steel (thread on the keyway)



		GRE steel																			
Size	Component	Spider Rated torque [Nm]			Finish bore d (min-max)	Dimensions [mm]												Spec. for steel		Thread for setscrews	
		92 Sh A	98 Sh A	64 Sh D		General								D	N	G	t	T <sub>A</sub> [Nm]			
						L	l <sub>1</sub> ; l <sub>2</sub>	E	b	s	D <sub>H</sub>	d <sub>H</sub>									
14	1a	7,5	12,5	16	0-16	35	11	13	10	1,5	30	10	30	-	M4	5	1,5				
	1b					50	18,5														
19	1a	10	17	21	0-25	66	25	16	12	2	40	18	40	-	M5	10	2				
	1b					90	37														
24	1a	35	60	75	0-35	78	30	18	14	2	55	27	55	-	M5	10	2				
	1b					118	50														
28	1a	95	160	200	0-40	90	35	20	15	2,5	65	30	65	-	M8	15	10				
	1b					140	60														
38	1	190	325	405	0-48	114	45	24	18	3	80	38	70	27	M8	15	10				
	1b					164	70						80	-							
42	1	265	450	560	0-55	126	50	26	20	3	95	46	85	28	M8	20	10				
	1b					176	75						95	-							
48	1	310	525	655	0-62	140	56	28	21	3,5	105	51	95	32	M8	20	10				
	1b					188	80						105	-							
55	1	410	685	825	0-74	160	65	30	22	4	120	60	110	37	M10	20	17				
	1b					210	90						120	-							
65	1	625	940	1175	0-80	185	75	35	26	4,5	135	68	115	47	M10	20	17				
	1b					235	100						135	-							
75	1	1280	1920	2400	0-95	210	85	40	30	5	160	80	135	53	M10	25	17				
	1b					260	110						160	-							
90	1	2400	3600	4500	0-110	245	100	45	34	5,5	200	100	160	62	M12	30	40				
	1b					295	125						200	-							

GRE 14 – 48 from stainless steel is available

### Order form:

GRE-38	St	92	1	–	Ø 45	1a	–	Ø 25
Coupling size	Material	Spider hardness Shore A]	Hub design		Finish bore	Hub design		Finish bore