

Spiders for Elastic Couplings, standard type, 92° Shore A

Material: Polyurethane, shore hardness 92°A (soft), yellow.

Spiders (plastic inserts) for elastic couplings (jaw couplings) like RN, RNG, RNI, RNR, RNT and foreign parts of the same kind from other suppliers. Soft type, for common usage. Temperature range -40°C to +90°C.

Ordering Details: e.g.: Product No. 605 092 07, Spider standard, 92°A, Size 7

Product No. yellow	Size	Ø mm	No. of teeth	Transmittable torque			Torsional angle		Weight g
				Nominal Nm	Peak Nm	Altern. Nm	T _{KN} °	T _{K max} °	
605 192 07	7	14	4	1,1	2,2	0,3	1,3	2	0,7
605 192 09	9	20	4	2,9	5,9	0,8	1,3	2	1,8
605 092 14	14	30	4	7,5	15	2,0	6,4	10	5
605 092 19	19	40	6	10	20	2,6	3,2	5	7
605 092 24	24	55	8	35	70	9,1	3,2	5	22
605 092 28	28	65	8	95	190	25	3,2	5	32
605 092 38	38	80	8	190	380	49	3,2	5	58
605 092 42	42	95	8	265	530	69	3,2	5	70
605 092 48	48	105	8	310	620	81	3,2	5	98
605 092 55	55	120	8	410	820	107	3,2	5	120
605 092 65	65	135	8	625	1250	163	3,2	5	210
605 092 75	75	160	10	1280	2560	333	3,2	5	340
605 092 90	90	200	10	2400	4800	624	3,2	5	700
605 092 95	100	225	10	3300	6600	858	3,2	5	900



T_{kN} = Nominal torque.

T_{K max} = Peak torque.

Spiders for Elastic Couplings, standard type, 98° Shore A

Material: Polyurethane, shore hardness 98°A (medium hard), red.

Spiders (plastic inserts) for elastic couplings (jaw couplings) like RN, RNG, RNI, RNR, RNT and foreign parts of the same kind from other suppliers. Medium hard type, for high torques. Temperature range -30°C to +100°C.

Ordering Details: e.g.: Product No. 605 098 14, Spider standard, 98°A, Size 14

Product No. red	Size	Ø mm	No. of teeth	Transmittable torque			Torsional angle		Weight g
				Nominal Nm	Peak Nm	Altern. Nm	T _{KN} °	T _{K max} °	
605 098 14	14	30	4	12,5	25	3,3	6,4	10	5
605 098 19	19	40	6	17	34	4,4	3,2	5	7
605 098 24	24	55	8	60	120	16	3,2	5	22
605 098 28	28	65	8	160	320	42	3,2	5	32
605 098 38	38	80	8	325	650	85	3,2	5	58
605 098 42	42	95	8	450	900	117	3,2	5	70
605 098 48	48	105	8	525	1050	137	3,2	5	98
605 098 55	55	120	8	685	1370	178	3,2	5	120
605 098 65	65*	135	8	940	1880	244	3,2	5	210
605 098 75	75*	160	10	1920	3840	499	3,2	5	340
605 098 90	90*	200	10	3600	7200	936	3,2	5	700
605 098 95	100*	225	10	4950	9900	1287	3,2	5	900

* From size 65 shore hardness 95° A.



T_{kN} = Nominal torque.

T_{K max} = Peak torque.

Spiders for Elastic Couplings, standard type, 64° Shore D

Material: Polyurethane, shore hardness 64°D (hard), green.

Spiders (plastic inserts) for elastic couplings (jaw couplings) like RN, RNG, RNI, RNR and foreign parts of the same kind from other suppliers. Hard type, for very high torques at small torsion angle. Temperature range -20°C to +100°C.

Ordering Details: e.g.: Product No. 605 064 14, Spider standard, 64°D, Size 14

Product No. green	Size	Ø mm	No. of teeth	Transmittable torque			Torsional angle		Weight g
				Nominal Nm	Peak Nm	Altern. Nm	T _{KN} °	T _{K max} °	
605 064 14	14	30	4	16	32	4,2	4,5	7,0	5
605 064 19	19	40	6	21	42	5,5	2,5	3,6	7
605 064 24	24	55	8	75	150	19,5	2,5	3,6	22
605 064 28	28	65	8	200	400	52	2,5	3,6	32
605 064 38	38	80	8	405	810	105	2,5	3,6	58
605 064 42	42	95	8	560	1120	146	2,5	3,6	70
605 064 48	48	105	8	655	1310	170	2,5	3,6	98
605 064 55	55	120	8	825	1650	215	2,5	3,6	120
605 064 65	65	135	8	1175	2350	306	2,5	3,6	210
605 064 75	75	160	10	2400	4800	624	2,5	3,6	340
605 064 90	90	200	10	4500	9000	1170	2,5	3,6	700
605 064 95	100	225	10	6185	12370	1608	2,5	3,6	900



Note: Spiders with hardness 64°D Shore are not recommended for taper couplings. At couplings made from aluminium, the effective torque should not be higher than the transmittable torque of the 98°A Shore spiders.

T_{kN} = Nominal torque.

T_{K max} = Peak torque.