

TC SERIES

FORGED STEEL
FLEXIBLE COUPLINGS

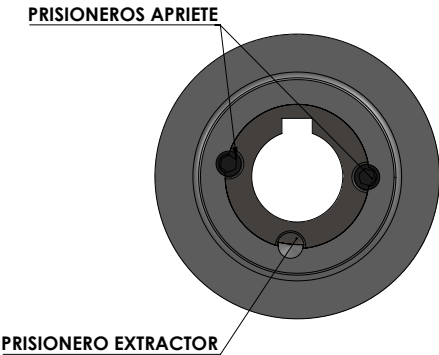
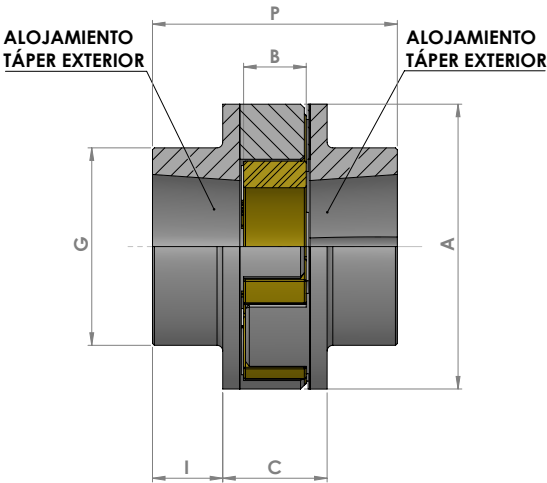
0-6,250 Nm

DESCRIPTION

- ◆ Torsion-flexible claw couplings with a compact and lightweight design. Forged steel guarantees a long service life and excellent performance.
- ◆ The couplings feature a nickel surface treatment, which provides protection against corrosion.
- ◆ For the same Spider size, all series are interchangeable, offering great versatility for any application.

FEATURES

- ◆ Torsion-flexible Spider couplings for Taper Lock.
- ◆ Taper Lock fastening available on the inside (TCI) or outside of the coupling (TC).



Reference	Spider A x B	Nominal Torque (Nm)						MAX R.P.M.	Taper Lock	P	G	I	C	Weight (kg)
		85°ShA	90°ShA	92°ShA	96°ShA	98°ShA	64°ShD							
TC-75	75x16	80	80	100	-	170	210	9.500	1.108	64	27	52	18,5	0.9
TC-90	90x20	160	160	210	-	370	460	8.000	1.210	74	32	64	21	1.4
TC-105	105x20	270	270	310	-	525	650	7.000	1.610	75	75	19,5	36	1,9
TC-120	120x20	400	400	420	-	695	860	6.000	2.012	87	38	89	24,5	2.8
TC-150	150x28	900	900	1.050	-	1.575	1.950	4.500	2.517	120	52	110	34	6.2
TC-200/30	200x30	1.00	-	1.900	-	-	-	3.500	3.020	150	60	138	45	12.5
TC-200/35	200x35	1.900	1.900	2.400	-	3.600	4.500	3.500	3.020	155	71	138	42	12.5
TC-200/40	200x40	3.050	3.050	3.300	4.125	-	-	3.500	3.020	160	70	138	45	10.8
TC-245	245x40	4.890	4.890	5.000	6.250	-	-	3.000	4.040	260	80	170	90	90

Taper Lock	Available shafts	Length	Set screws	Tightening torque (Nm)	Weight Ø Min (kg)
1108	11-12-14-15-16-17-18-19-20-21-22-24-25-28	22,5	1/4"	5,6	0,2
1210	12-14-15-16-17-18-19-20-21-22-24-25-28-30-32	25,5	3/8"	20	0.3
1610	14-15-16-17-18-19-20-21-22-24-25-28-30-32-35-38-40-42	25,5	3/8"	20	0.4
2012	15-16-17-18-19-20-21-22-24-25-28-30-32-35-38-40-42-45-48-50	32	7/16"	31	0.8
2517	19-20-21-22-24-25-28-30-32-35-38-40-42-45-48-50-55-60-65	45	1/2"	48	1.1
3020	25-28-30-32-35-38-40-42-45-48-50-55-60-65-70-75	45	5/8"	90	2.7
4040	40-42-45-48-50-55-60-65-70-75-80-85-90-95-100	51	5/8"	172	2.8

NOTES

Range of shafts in both metric and imperial sizes.