

TENARIS SWIVEL JOINT

Make up torque values

CTB33882/5

Before usage, please verify you have the latest version on Tenaris website www.tenaris.com

DIMENSIONS			MATERIAL GRADE											
Ø O.D.	Nominal Weight	Thickness	80 ksi			95 ksi			110 ksi			130 ksi		
			min	opt	max	min	opt	max	min	opt	max	min	opt	max
Inch mm	Lb/ft	Inch mm	Ft * lb N * m			Ft * lb N * m			Ft * lb N * m			Ft * lb N * m		
2.3/8"	4.6/4.7	0.190	1590	1740	1860	1690	1860	2046	1770	1930	2065	2310	2500	2690
		60.3	2160	2360	2520	2290	2520	2770	2400	2620	2915	3130	3390	3650
2.7/8"	6.4/6.5	0.217	2190	2410	2620	2380	2620	2880	2430	2680	2915	3050	3300	3550
		60.3	2970	3270	3550	3220	3550	3900	3300	3630	3950	4130	4470	4408
3.1/2"	9.2/9.3	0.254	3135	3430	3700	3390	3700	4000	3690	4030	4350	4115	4450	4790
		6.45	4250	4650	5020	4600	5020	5430	5000	5465	5900	5575	6030	6490
	9.2/9.3 TT (Torque Transmission)	0.254	4075	4460	4810							4500	4900	5250
		6.45	5525	6045	6526							6100	6650	7120
	10.2/10.3	0.289	3135	3430	3700	3390	3700	4000	3690	4030	4350	4115	4450	4790
		7.34	4250	4650	5020	4600	5020	5430	5000	5465	5900	5575	6030	6490
	10.2/10.3 TT (Torque Transmission)	0.289	4075	4460	4810							4500	4900	5250
		7.34	5525	6045	6526							6100	6650	7120
4"	10.9	0.262	4420	4735	5035	4570	5035	5540	4940	5270	5600			
		6.65	6000	6420	6830	6210	6830	7510	6700	7150	7600			
101.6	13.0	0.330	4420	4735	5035	4570	5035	5540	4940	5270	5600			
		8.38	6000	6420	6830	6210	6830	7510	6700	7150	7600			
4.1/2"	12.6/12.75	0.271	4445	4780	5090	4630	5090	5600	5235	5610	5975	6072	6497	6915
		6.88	6030	6480	6900	6270	6900	7590	7100	7610	8100	8225	8800	9366
	12.6/12.75 TT (Torque Transmission)	0.271	4445	4780	5090							6072	6497	6915
		6.88	6030	6480	6900							8225	8800	9366
	13.5	0.290	4445	4780	5090	4630	5090	5600	5235	5610	5975	6072	6497	6915
		7.37	6030	6480	6900	6270	6900	7590	7100	7610	8100	8225	8800	9366
	15.1/15.5	0.337	4445	4780	5090	4630	5090	5600	5235	5610	5975	6800	7340	7900
		8.56	6030	6480	6900	6270	6900	7590	7100	7610	8100	9210	9940	10700
5.1/2"	15.5	0.276	6910	7480	8040	7300	8040	8840	8090	8750	9400	8565	9265	9965
		7.00	9370	10145	10900	9900	10900	11990	10970	11865	12730	11600	12550	13500
	17.0	0.304	6910	7480	8040	7300	8040	8840	8090	8750	9400	8565	9265	9965
		7.72	9370	10145	10900	9900	10900	11990	10970	11865	12730	11600	12550	13500
	17.0 TT (Torque Transmission)	0.304	6910	7480	8040							8565	9265	9965
		7.72	9370	10145	10900							11600	12550	13500
	20.0	0.361	6910	7480	8040	7300	8040	8840	8090	8750	9400	8565	9265	9965
		9.17	9370	10145	10900	9900	10900	11990	10970	11865	12730	11600	12550	13500
20.0 TT (Torque Transmission)	0.361	7601	8228	8844							8900	9625	10340	
	9.17	10307	11160	11990							12060	13050	14000	
23.0	0.415	8292	8976	9648	8760	9648	10608	9708	10500	11280	10278	11118	11958	
	10.54	11244	12174	13080	11880	13080	14388	13164	14238	15276	13920	15060	16200	
23.0 TT (Torque Transmission)	0.415	9950	10771	11578							10278	11118	11958	
	10.54	13493	14609	15696							13920	15060	16200	
26.0	0.476	12.1							9708	10500	11280			
									13164	14238	15276			
7"	26.0	0.362	8600	9310	10010							11088	12000	12903
		9.19	11650	12610	13560							15018	16253	17476
	29.0	0.408	8600	9310	10010							11088	12000	12903
		10.36	11650	12610	13560							15018	16253	17476
	29.0 TT (Torque Transmission)	0.408	11625	12568	13587									
		10.36	15745	17023	18397									
32.0	0.453	11.51	8600	9310	10010									
			11650	12610	13560									
32.0 TT (Torque Transmission)	0.453	11.51							11620	12570	13590			
									15740	17020	18400			
7.5/8"	29.7	0.375	11700	12650	13600									
193.7		9.53	15850	17150	18400									