



STAINLESS STEEL – PHYSICAL STRENGTH TEST COMPARISON



<u>YIELD STRENGTH FOR:</u>	<u>#316-SS</u>	<u>#305-SS</u>	<u>TECH 7-SS</u>
(.169) #8 DIA. (LBS.)	1321 LBS.	1191 LBS.	1240 LBS.
(Nm.)	5880 Nm.	5300 Nm.	5520 Nm.
(.20) #10 DIA. (LBS.)	1488 LBS.	1366 LBS.	1528 LBS.
(Nm.)	6620 Nm.	6080 Nm.	6800 Nm.
 <u>SHEAR STRENGTH FOR:</u>	 <u>#316-SS</u>	 <u>#305-SS</u>	 <u>TECH 7-SS</u>
(.169) #8 DIA. (LBS.)	1321 LBS.	1206 LBS.	1246 LBS.
(Nm.)	5880 Nm.	5365 Nm.	5545 Nm.
(.20) #10 DIA. (LBS.)	1454 LBS.	1465 LBS.	1521 LBS.
(Nm.)	6470 Nm.	6520 Nm.	6770 Nm.
 <u>TORSIONAL STRENGTH FOR:</u>	 <u>#316-SS</u>	 <u>#305-SS</u>	 <u>TECH 7-SS</u>
(.169) #8 DIA. (IN. LBS.)	38 LBS.	37 LBS.	37 LBS.
(Nm.)	4.31 Nm.	4.12 Nm.	4.12 Nm.
(.20) #10 DIA. (IN. LBS.)	50 LBS.	50 LBS.	50 LBS.
(Nm.)	5.59 Nm.	5.59 Nm.	5.59 Nm.

Note (Nm.) – Newton Metric Force Load

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