



For additional information, assistance and orders
please contact us at:

Custom Machine & Tool Co., Inc.
22 Station Street, PO Box 40
E. Weymouth, MA 02189

tel (800) 355-5949
(781) 331-7770

fax (800) 355-4490
(781) 335-6784

info@cmtco.com
www.cmtco.com

Concentric Maxi Torque Maximum Transmission Torques (in-lbs)

CMT Part No.	Shaft Diameter in Inches																
	0.125	0.156	0.1875	0.25	0.3125	0.375	0.4375	0.5	0.5625	0.625	0.6875	0.75	0.8125	0.875	0.9375	1	1.1875
0606	35	51	61	82													
0609	40	56	68	90													
0909		62	80	106	133	159											
0912		137	145	168	210	252											
1212				168	210	252	294	336									
1216				230	288	345	403	575									
1616					290	247	405	581	653	726							
1620					389	468	530	698	752	875							
2020							531	698	755	879	975	1100					
2025							538	703	760	885	980	1120					
2530								1115	1327	1416	1504	1593	1875	2053	2200	2347	
3036										1512	1681	1770	1902	2255	2345	2433	2795

NOTE:

Chart torque is the maximum torque before slippage under ideal conditions.
Actual torque will vary based on operating conditions screw torque and shaft size.
Appropriate safety factors should be applied based on consideration of all operating conditions.

SERVICE FACTORS TO BE USED WITH THE ABOVE CHART:

- 1.0 - Light starting and intermittent running
- 1.2 - Light starting and steady running
- 1.5 - Light starting and uneven running
- 2.0 - Fairly heavy starting and steady or uneven running
- 2.5 - Light or heavy starting and moderate shock running
- 3.0 - Light or heavy starting and severe shock running, or reversing loads.