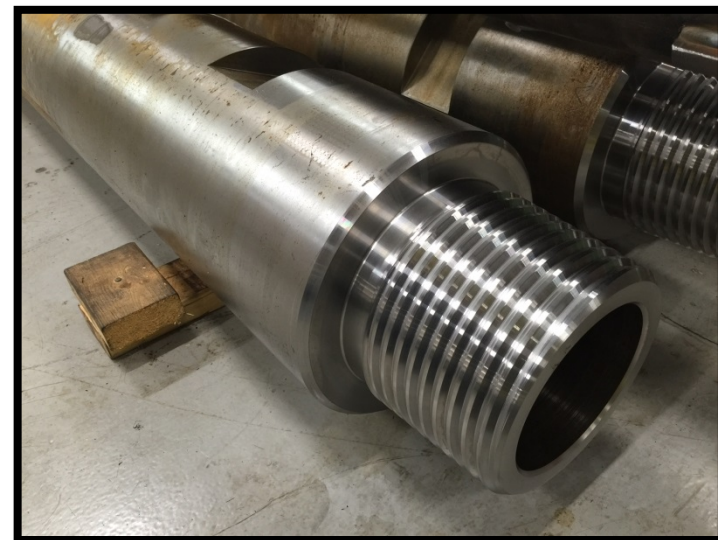


Matrix Dual Tube & Single Tube Drill Collar Data Table

Collar O.D.	Collar I.D.	Thread	RC Drill String	Weight/ft.	Flats
5.0"	1.5" - 2.5"	Per customer spec	N/A	51-61 lbs.	Per customer spec
6.0"	2.0" - 2.5"	Per customer spec	N/A	80-86 lbs.	Per customer spec
7.0"	2.0" - 3.0"	Per customer spec	N/A	107-121 lbs.	Per customer spec
7.75"	4.0"	6.75" DI-22	5.5" x 3"	120 lbs.	6.25" across, 3.0" tall, 12" from ends
8.0"	2.5" - 3.0"	Per customer spec	N/A	148-161 lbs.	Per customer spec
9.5"	3.25"	6.75" DI-22	5.5" x 3"	215 lbs.	6.75" across, 3.5" tall, 12" from ends
10.0"	3.0" - 4.0"	Per customer spec	N/A	224-244 lbs.	Per customer spec
10.0"	5.5"	8.25" DI-22	7" x 4"	190 lbs.	8.5" across, 4.0" tall, 14" from ends
10.75"	5.5"	8.25" DI-22	7" x 4"	230 lbs.	8.5" across, 4.0" tall, 14" from ends
11.0"	3.5" - 5.0"	Per customer spec	N/A	258-292 lbs.	Per customer spec
11.0"	7.25"	9.25" DI-22	11" x 5.5"	185 lbs.	9.25" across, 4.0" tall, 14" from ends
12.0"	4.5" - 6.0"	Per customer spec	N/A	290-335 lbs.	Per customer spec
12.0"	4.5"	9.25" DI-22	N/A	340 lbs.	Per customer spec
14.0"	5.0" - 8.0"	Per customer spec	N/A	355-471 lbs.	Per customer spec



Matrix manufactures dual tube and single tube drill collars in standard and custom configurations. Drill collars add weight to the bit and keep the drill string in tension. This results in straighter boreholes and minimizes dangerous compressive stresses in the drill string.

Lengths are available up to 30'.