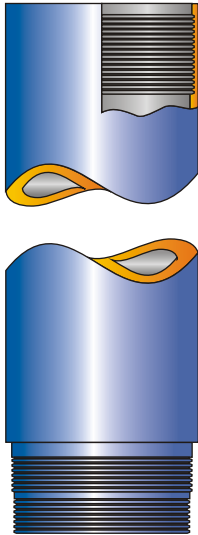




WASHPIPE



High torque strength flush-joint washpipe develops twice the torque load strength of ordinary joints for continued make and break usage.

2-Step, non-tapered thread profile

- No thread interference to cause galling
- Fast make-up
- Stable, 2-thread flank stabbing

Rugged 90° torque shoulders

- Provided by two square shoulders
- Torque shoulders make-up together and act as a unit
- Develops twice the torque strength of regular connections

Threads designed specifically for washpipe service

- Resistance to handling damage
- Shoulders like a tool joint for the repeated use requirements of washover operations.

CASING CONNECTION FOR WASHPIPE

			CONNECTION						CONNECTION		
SIZE O.D.	WEIGHT	WALL	YIELD	I.D.	DRIFT	SIZE O.D.	WEIGHT	WALL	YIELD	I.D.	DRIFT
INCHES	lbs/ft.	INCHES	TOQUE	NOMINAL	(API)	INCHES	lbs/ft.	INCHES	TOQUE	NOMINAL	(API)
			(N-80)	INCHES	INCHES	INCHES			(N-80)	INCHES	INCHES
			ft.-lbs						ft.-lbs		
3-1/2	9.2	.254	3,000	2.992	2.867	7-5/8	26.4	.328	20,000	6.969	6.844
3-3/4	9.5	.250	3,000	3.250	3.125	7-5/8	29.7	.375	23,000	6.875	6.750
4	11	.262	3,500	3.476	3.351	7-5/8	33.7	.430	27,000	6.765	6.640
4	11.6	.286	4,000	3.428	3.303	7-5/8	39	.500	32,000	6.625	6.500
4	14	.330	5,000	3.340	3.215	7-5/8	45.3	.595	39,000	6.435	6.310
4	15.7	.380	6,000	3.240	3.115	8	31	.375	24,000	7.250	7.125
4-1/2	13.5	.290	5,000	3.920	3.795	8-1/8	32	.370	24,000	7.385	7.260
4-1/2	15.1	.337	7,000	3.826	3.701	8-1/8	32.5	.375	25,000	7.375	7.250
4-3/4	16	.334	7,000	4.082	3.957	8-1/8	35.5	.420	30,000	7.285	7.160
5	15	.296	7,000	4.408	4.283	8-1/8	39.5	.470	35,000	7.185	7.060
5	18	.362	9,000	4.276	4.151	8-7/16	35.5	.406	30,000	7.625	7.501
5-3/8	19.5	.353	10,000	4.669	4.544	8-5/8	36	.400	30,000	7.825	7.700
5-1/2	17	.304	9,000	4.892	4.767	8-5/8	40	.450	35,000	7.725	7.600
5-1/2	20	.361	11,000	4.778	4.652	8-5/8	44	.500	40,000	7.625	7.500
5-1/2	23	.415	13,000	4.670	4.545	8-5/8	49	.557	55,000	7.511	7.386
5-1/2	26	.476	16,000	4.548	4.423	9	40	.425	35,000	8.348	8.223
5-3/4	18	.312	11,000	5.126	5.001	9-3/16	31	.326	26,000	8.532	8.407
6	20	.324	12,000	5.352	5.227	9-5/16	38	.389	35,000	8.535	8.410
6	23	.380	14,000	5.240	5.115	9-1/2	47	.483	48,000	8.537	8.412
6-1/4	20	.312	12,000	5.626	5.501	9-5/8	40	.395	40,000	8.835	8.679
6-3/8	24	.375	16,000	5.625	5.500	9-5/8	43.5	.435	45,000	8.655	8.599
6-3/8	28	.438	20,000	5.499	5.374	9-5/8	47	.472	50,000	8.681	8.525
6-5/8	24	.352	16,000	5.921	5.796	9-5/8	53.5	.545	60,000	8.535	8.379
6-5/8	28	.417	20,000	5.791	5.666	10-3/4	45.5	.400	50,000	9.950	9.794
6-3/4	35	.520	25,000	5.710	5.585	10-3/4	51	.450	60,000	9.850	9.694
7	26	.362	18,000	6.276	6.151	10-3/4	55.5	.495	65,000	9.760	9.604
7	29	.408	21,000	6.184	6.059	11-3/4	54	.435	65,000	10.880	10.724
7	32	.453	23,000	6.094	5.969	11-3/4	60	.489	80,000	10.772	10.616
7-3/8	29	.375	20,000	6.625	6.500	13-3/8	72	.514	110,000	12.347	12.191
						16	109	.656	188,000	14.688	14.532

NOTE : Connections are interchangeable with FJWP threads.

1. Recommended make-up torque are 25% of the connection yield torque.