



# Casing Minimum Performance Properties

## SPECIFICATIONS

OD	DIMENSIONS					MIN. COLLAPSE (PSI)				MIN. INTERNAL YIELD (PSI)				JOINT YIELD STRENGTH (1,000 LBS.)						
	Wt./ft.	Wall	ID	Drift	Cpl. od	H40	J55	N80	P110	H40	J55	N80	P110	SHORT THREAD			LONG THREAD			
4 1/2	9.50	.203	4.090	3.963	5.000	2770	3310	-	-	3190	4380	-	-	77	101	-	-	-	-	
4-1/2	11.60	.250	4.000	3.875	5.000	-	4960	6350	7560	-	5350	7780	10690	-	154	-	-	-	223	279
4-1/2	13.50	.290	3.920	3.795	5.000	-	-	8540	10670	-	-	9020	12410	-	-	-	-	162	270	338
4 1/2	15.10	.337	3.826	3.701	5.000	-	-	-	14320	-	-	-	14420	-	-	-	-	-	-	406
5	11.50	.220	4.560	4.435	5.563	-	3060	-	-	-	4240	-	-	-	133	-	-	-	-	-
5	13.00	.253	4.494	4.369	5.563	-	4140	-	-	-	4870	-	-	-	169	-	-	-	-	-
5	15.00	.296	4.408	4.283	5.563	-	5550	7250	8830	-	5700	8290	11400	-	207	-	-	182	311	388
5	18.00	.362	4.276	4.151	5.563	-	-	10490	13450	-	-	10140	13940	-	-	-	-	223	396	495
5-1/2	14.00	.244	5.012	4.887	6.050	2630	3120	-	-	3110	4270	-	-	130	172	-	-	-	-	-
5-1/2	15.50	.275	4.950	4.825	6.050	-	4040	-	-	-	4810	-	-	-	202	-	-	-	-	-
5-1/2	17.00	.304	4.892	4.767	6.050	-	4910	6280	7460	-	5320	7740	10640	-	229	-	-	217	348	445
5-1/2	20.00	.361	4.778	4.653	6.050	-	-	8830	11080	-	-	9190	12640	-	-	-	-	247	428	548
5-1/2	23.00	.415	4.670	4.545	6.050	-	-	11160	14520	-	-	9880	13580	-	-	-	-	-	502	643
6-5/8	20.00	.288	6.049	5.924	7.390	2520	2970	-	-	3040	4180	-	-	184	245	-	-	-	-	-
6-5/8	24.00	.352	5.921	5.796	7.390	-	4560	5760	6710	-	5110	7440	10230	-	314	-	-	266	481	641
6-5/8	28.00	.417	5.791	5.666	7.390	-	-	8170	10140	-	-	8810	12120	-	-	-	-	340	586	781
6-5/8	32.00	.475	5.675	5.550	7.390	-	-	10320	13200	-	-	10040	13800	-	-	-	-	-	677	904
7	17.00	.231	6.538	6.413	7.656	1450	-	-	-	2310	-	-	-	122	-	-	-	-	-	-
7	20.00	.272	6.456	6.331	7.656	1980	2270	-	-	2720	3740	-	-	176	234	-	-	-	-	-
7	23.00	.317	6.366	6.241	7.656	-	3270	3830	-	-	4360	6340	-	-	284	-	-	-	442	-
7	26.00	.362	6.276	6.151	7.656	-	4320	5410	6210	-	4980	7240	9960	-	334	-	-	313	519	693
7	29.00	.408	6.184	6.059	7.656	-	-	7020	8510	-	-	8160	11220	-	-	-	-	367	597	797
7	32.00	.453	6.094	5.969	7.656	-	-	8600	10760	-	-	9060	12460	-	-	-	-	-	672	897
7	35.00	.498	6.004	5.879	7.656	-	-	10180	13010	-	-	9240	12700	-	-	-	-	-	746	996
7	38.00	.540	5.920	5.795	7.656	-	-	11390	15110	-	-	9240	12700	-	-	-	-	-	814	1087
7-5/8	24.00	.300	7.025	6.900	8.500	2040	-	-	-	2750	-	-	-	212	-	-	-	-	-	-
7-5/8	26.40	.328	6.969	6.844	8.500	-	2890	3400	-	-	4140	6020	-	-	315	-	-	-	490	-
7-5/8	29.70	.375	6.875	6.750	8.500	-	-	4790	5340	-	-	6890	9470	-	-	-	-	346	575	769
7-5/8	33.70	.430	6.765	6.640	8.500	-	-	6560	7850	-	-	7900	10860	-	-	-	-	-	674	901
7-5/8	39.00	.500	6.625	6.500	8.500	-	-	8810	11060	-	-	9180	12620	-	-	-	-	-	798	1066
8-5/8	24.00	.264	8.097	7.972	9.625	-	1370	-	-	-	2950	-	-	-	244	-	-	-	-	-
8-5/8	28.00	.304	9.017	7.892	9.625	1640	-	-	-	2470	-	-	-	233	-	-	-	-	-	-
8-5/8	32.00	.352	7.921	7.796	9.625	2210	2530	-	-	2860	3930	-	-	279	372	-	-	-	-	-
8-5/8	36.00	.400	7.825	7.700	9.625	-	3450	4100	-	-	4460	6490	-	-	434	-	-	417	688	-
8-5/8	40.00	.450	7.725	7.600	9.625	-	-	5520	6380	-	-	7300	10040	-	-	-	-	486	788	1055
8-5/8	44.00	.500	7.625	7.500	9.625	-	-	6950	8400	-	-	8120	11160	-	-	-	-	-	887	1186
8-5/8	49.00	.557	7.511	7.386	9.625	-	-	8570	10720	-	-	9040	12430	-	-	-	-	-	997	1335
9-5/8	32.30	.312	9.001	8.845	10.625	1400	-	-	-	2270	-	-	-	254	-	-	-	-	-	-
9-5/8	36.00	.352	8.921	8.765	10.625	1740	2020	-	-	2560	3520	-	-	294	394	-	-	-	-	-
9-5/8	40.00	.395	8.835	8.679	10.625	-	2570	3090	-	-	3950	5750	-	-	452	-	-	453	737	-
9-5/8	43.50	.435	8.755	8.599	10.625	-	-	3810	4430	-	-	6330	8700	-	-	-	-	520	825	1106
9-5/8	47.00	.472	8.681	8.525	10.625	-	-	4750	5310	-	-	6870	9440	-	-	-	-	-	905	1213
9-5/8	53.50	.545	8.535	8.379	10.625	-	-	6620	7930	-	-	7930	10900	-	-	-	-	-	1062	1422
10-3/4	32.75	.279	10.192	10.036	11.750	870	-	-	-	1820	-	-	-	205	-	-	-	-	-	-
10-3/4	40.50	.350	10.050	9.894	11.750	1420	1580	-	-	2280	3130	-	-	314	420	-	-	-	-	-
10-3/4	45.50	.400	9.950	9.794	11.750	-	2090	-	-	-	3580	-	-	-	493	-	-	-	-	-
10-3/4	51.00	.450	9.850	9.694	11.750	-	2700	3220	3670	-	4030	5860	8060	-	565	804	1080	-	-	-
10-3/4	55.50	.495	9.760	9.604	11.750	-	-	4020	4630	-	-	6450	8860	-	-	895	1203	-	-	-
10-3/4	60.70	.545	9.660	9.504	11.750	-	-	-	5860	-	-	-	9760	-	-	-	1338	-	-	-
10-3/4	65.70	.595	9.560	9.404	11.750	-	-	-	7490	-	-	-	10650	-	-	-	1472	-	-	-
11-3/4	42.00	.333	11.084	10.928	12.750	1070	-	-	-	1980	-	-	-	307	-	-	-	-	-	-
11-3/4	47.00	.375	11.000	10.844	12.750	-	1510	-	-	-	3070	-	-	-	477	-	-	-	-	-
11-3/4	54.00	.435	10.880	10.724	12.750	-	2070	-	-	-	3560	-	-	-	568	-	-	-	-	-
11-3/4	60.00	.489	10.772	10.616	12.750	-	2660	3180	-	-	4010	5830	-	-	649	924	-	-	-	-
13-3/8	48.00	.330	12.715	12.559	14.375	740	-	-	-	1730	-	-	-	322	-	-	-	-	-	-
13-3/8	54.50	.380	12.615	12.459	14.375	-	1130	-	-	-	2730	-	-	-	514	-	-	-	-	-
13-3/8	61.00	.430	12.515	12.359	14.375	-	1540	-	-	-	3090	-	-	-	595	-	-	-	-	-
13-3/8	68.00	.480	12.415	12.259	14.375	-	1950	-	-	-	3450	-	-	-	675	-	-	-	-	-
13-3/8	72.00	.514	12.347	12.191	14.375	-	-	2670	-	-	-	5380	-	-	-	1040	-	-	-	-
16	65.00	.375	15.250	15.062	17.000	630	-	-	-	1640	-	-	-	439	-	-	-	-	-	-
16	75.00	.438	15.124	14.936	17.000	-	1020	-	-	-	2630	-	-	-	710	-	-	-	-	-
16	84.00	.495	15.010	14.822	17.000	-	1410	-	-	-	2980	-	-	-	817	-	-	-	-	-
18-5/8	87.50	.435	17.755	17.567	19.625	630	630	-	-	1630	2250	-	-	559	754	-	-	-	-	-
20	94.00	.438	19.124	18.936	21.000	520	520	-	-	1530	2110	-	-	581	784	-	-	907	-	-
20	106.50	.500	19.000	18.812	21.000	-	770	-	-	-	2410	-	-	-	913	-	-	1057	-	-
20	133.00	.635	18.730	18.542	21.000	-	1500	-	-	-	3060	-	-	-	1192	-	-	1380	-	-

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**Alpha Oil Tools** / 3044 Wichita Court / Fort Worth, TX / 76140 USA  
 Voice: 817-293-5192 World Wide Web: [www.alphaoiltools.com](http://www.alphaoiltools.com)

**Email:**  
 Sales or RFQ [sales@alphaoiltools.com](mailto:sales@alphaoiltools.com)  
 Field Support Questions: [fieldsupport@alphaoiltools.com](mailto:fieldsupport@alphaoiltools.com)  
 Engineering Support: [engineering@alphaoiltools.com](mailto:engineering@alphaoiltools.com)