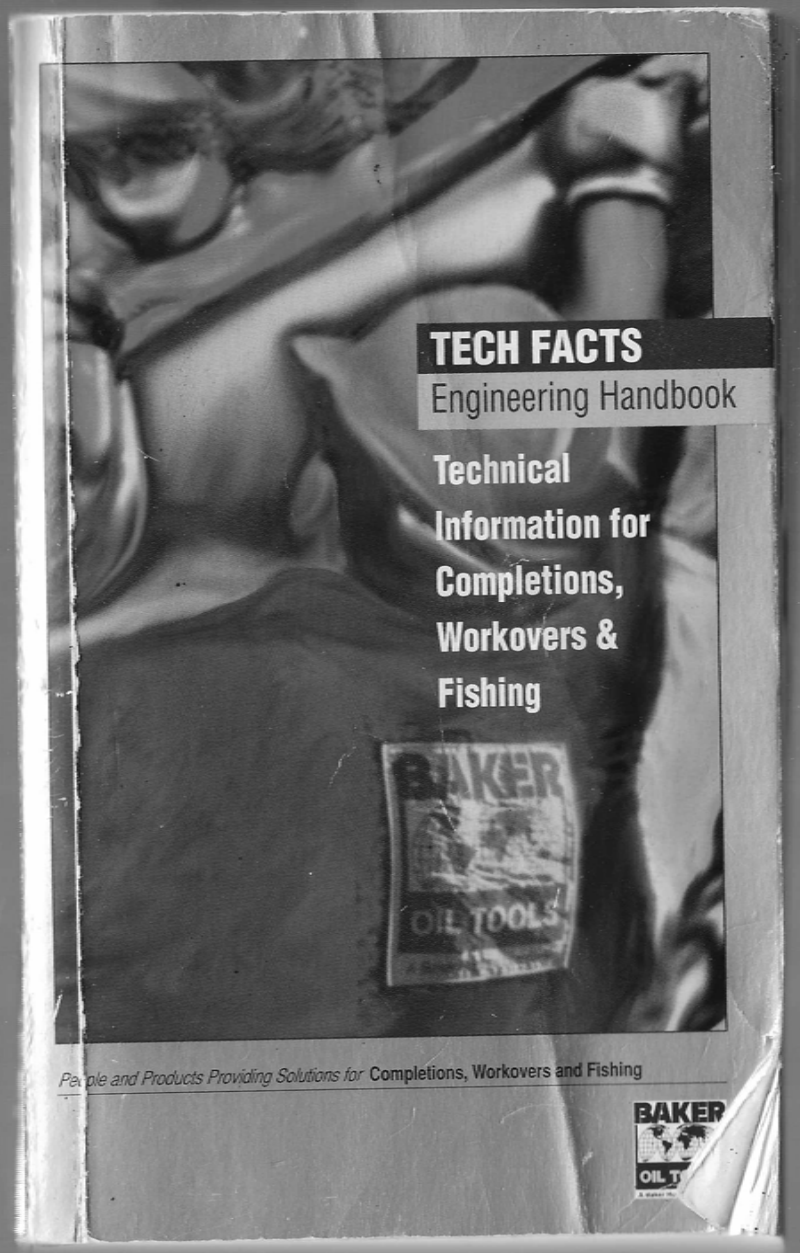


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Slu Wei (lb/g			
14.			
14.			
14.			
14.			
14.			
14.			
14.6	6.64	1.368	0.731
14.7	6.48	1.346	0.743
14.8	6.32	1.325	0.755
14.9	6.17	1.305	0.766
15.0	6.02	1.285	0.778
15.1	5.90	1.267	0.789
15.2	5.74	1.247	0.802
15.3	5.61	1.230	0.813
15.4	5.48	1.212	0.825
15.5	5.35	1.195	0.837
15.6	5.23	1.179	0.848
15.7	5.11	1.163	0.860
15.8	4.99	1.147	0.872
15.9	4.88	1.132	0.883
16.0	4.77	1.118	0.895
16.1	4.66	1.103	0.907
16.2	4.56	1.089	0.918
16.3	4.46	1.076	0.929
16.4	4.36	1.063	0.941
16.5	4.26	1.049	0.953
16.6	4.16	1.036	0.965
16.7	4.07	1.024	0.977
16.8	3.98	1.012	0.988
16.9	3.89	1.000	1.000

Bit and Casing Combinations

Casing OD	Weight (lb/ft)	Casing ID	Casing Drift	Bit Size	Standard Bit Pin Thread
4-1/2	9.5	4.090	3.965	3-7/8	2-3/8 API Regular
	10.5	4.052	3.927	3-7/8	
	11.6	4.000	3.875	3-7/8	
	13.5	3.920	3.795	3-3/4	
5	11.5	4.560	4.435	4-1/4	2-3/8 API Regular
	13.0	4.494	4.369	4-1/4	
	15.0	4.408	4.283	4-1/4	
	18.0	4.276	4.151	4-1/8	
5-1/2	13.0	5.044	4.919	4-3/4	2-7/8 API Regular
	14.0	5.012	4.887	4-3/4	
	15.5	4.950	4.825	4-3/4	
	17.0	4.892	4.767	4-3/4	
	20.0	4.778	4.653	4-5/8	
	23.0	4.670	4.545	4-1/2	2-3/8 API Regular
	26.0	4.548	4.423	4-3/8	
6	15.0	5.524	5.399	5-3/8	3-1/2 API Regular
	18.0	5.424	5.299	5-1/8	
	20.0	5.352	5.227	5-1/8	
	23.0	5.240	5.115	5-1/8	
6-5/8	17.0	6.135	6.010	6	3-1/2 API Regular
	20.0	6.049	5.924	5-7/8	
	24.0	5.921	5.796	5-5/8	
	28.0	5.791	5.666	5-5/8	
	32.00	5.675	5.550	5-3/8	
7	17.0	6.538	6.413	6-1/4	3-1/2 API Regular
	20.0	6.456	6.331	6-1/4	
	23.0	6.366	6.241	6-1/4	
	26.0	6.276	6.151	6-1/8	
	29.0	6.184	6.059	6	
	32.0	6.094	5.969	6	
	35.0	6.004	5.879	5-7/8	
	38.0	5.920	5.795	5-3/4	
7-5/8	20.0	7.125	7.000	6-3/4	3-1/2 API Regular
	24.0	7.025	6.900	6-3/4	
	26.4	6.969	6.844	6-3/4	
	29.7	6.875	6.750	6-3/4	
	33.7	6.765	6.640	6-5/8	
	39.0	6.625	6.500	6-1/2	

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Bit and Casing Combinations

Casing OD	Weight (lb/ft)	Casing ID	Casing Drift	Bit Size	Standard Bit Pin Thread
8-5/8	24.0	8.097	7.972	7-7/8	4-1/2 API Regular
	28.0	8.017	7.892	7-7/8	
	32.0	7.921	7.796	7-5/8	
	36.0	7.825	7.700	7-5/8	
	40.0	7.725	7.600	7-5/8	
	44.0	7.625	7.500	7-3/8	3-1/2 API Regular
	49.0	7.511	7.386	7-3/8	
9-5/8	29.3	9.063	8.907	8-3/4	4-1/2 API Regular
	32.3	9.001	8.845	8-3/4	
	36.0	8.921	8.765	8-3/4	
	40.0	8.835	8.679	8-5/8	
	43.5	8.755	8.599	8-5/8	
	47.0	8.681	8.525	8-1/2	
	53.5	8.535	8.379	8-3/8	
10-3/4	32.7	10.192	10.036	9-7/8	6-5/8 API Regular
	40.5	10.050	9.894	9-7/8	
	45.5	9.950	9.794	*9-3/4	
	51.0	9.850	9.694	*9-5/8	
	55.5	9.760	9.604	*9-5/8	
11-3/4	38.0	11.150	10.994	11	6-5/8 API Regular
	42.0	11.084	10.928	10-3/4	
	47.0	11.000	10.844	*10-3/4	
	54.0	10.880	10.724	*10-5/8	
	60.0	10.772	10.616	*10-5/8	
13-3/8	48.0	12.715	12.559	12-1/4	6-5/8 API Regular
	54.5	12.615	12.459	12-1/4	
	61.0	12.515	12.359	12-1/4	
	68.0	12.415	12.259	12-1/4	
	72.0	12.347	12.191	12	
16	55.0	15.375	15.188	15	6-5/8 API Regular
	65.0	15.250	15.062	15	
	75.0	15.125	14.938	14-3/4	
	84.0	15.010	14.822	14-3/4	
20	94.0	19.124	18.936	17-1/2	6-5/8 API Regular

*5-1/2 API Regular Thread optional

Area of Circles

D = Diameter Area = .785 D^2

Dec. Dia.	Frac. Dia.	Inches 0	1	2	3	4	5	6	7	8	Dec. Dia.	Frac. Dia.
0	0		.7854	3.1416	7.0686	12.566	19.635	28.274	38.485	50.266	0	0
.0156	1/64	.000192	.8101	3.1909	7.1424	12.665	19.753	28.422	38.656	50.462	.0156	1/64
.0312	1/32	.000767	.8352	3.2405	7.2166	12.763	19.881	28.570	38.829	50.659	.0312	1/32
.0468	3/64	.001726	.8607	3.2906	7.2912	12.863	20.005	28.718	39.002	50.856	.0468	3/64
.0625	1/16	.003068	.8866	3.3410	7.3662	12.962	20.129	28.866	39.175	51.054	.0625	1/16
.0781	5/64	.004794	.8929	3.3918	7.4415	13.062	20.253	29.015	39.348	51.252	.0781	5/64
.0937	3/32	.006903	.9306	3.4430	7.5173	13.162	20.378	29.165	39.522	51.450	.0937	3/32
.1093	7/64	.009396	.9668	3.4946	7.5934	13.263	20.503	29.315	39.696	51.649	.1093	7/64
.1250	1/8	.012227	.9940	3.5466	7.6699	13.364	20.629	29.465	39.871	51.849	.1250	1/8
.1406	9/64	.015533	1.0218	3.5989	7.7468	13.465	20.755	29.615	40.046	52.048	.1406	9/64
.1562	5/32	.019107	1.0500	3.6516	7.8241	13.567	20.881	29.766	40.222	52.248	.1562	5/32
.1718	11/64	.023070	1.0796	3.7048	7.9017	13.669	21.008	29.917	40.398	52.448	.1718	11/64
.1875	3/16	.027421	1.1075	3.7583	7.9798	13.772	21.135	30.069	40.574	52.649	.1875	3/16
.2031	13/64	.032140	1.1369	3.8121	8.0582	13.875	21.263	30.221	40.750	52.850	.2031	13/64
.2187	7/32	.037258	1.1666	3.8664	8.1370	13.978	21.391	30.374	40.927	53.052	.2187	7/32
.2343	15/64	.04314	1.1967	3.9211	8.2162	14.082	21.519	30.528	41.105	53.254	.2343	15/64

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