Coupling and Thread Dimensions for API-Casing（Buttress Thread）

1	2	3	4	5	6	7	8	9	10
Size O. D. in	Casing O. D. D in	Coupling O. D. W in	Length NL in	Diameter of Recess Q in	Width of Bearing Face b in	Hand-Tight Standoff A	End of Threads of Coupling Power-Tight Make-up J in	No. of Threads Per Inch	Weight lb
4-1/2	4.500	5.000	8-7/8	4.640	1/8	1/2	0.500	5	10.12
5	5.000	5.563	9-1/8	5.140	5/32	1	0.500	5	13.00
5-1/2	5.500	6.050	9-1/4	5.640	5/32	1	0.500	5	14.15
7	7.000	7.656	10	7.140	7/32	1	0.500	5	23.24
9-5/8	9.625	10.625	10-5/8	9.675	3/8	1	0.500	5	51.05
10-3/4	10.750	11.750	10-5/8	10.890	3/8	1	0.500	5	56.74
13-3/8	13.375	14.375	10-5/8	13.515	3/8	1	0.500	5	70.03
16	16.000	17.000	10-5/8	16.154	3/8	7/8	0.500	5	88.81
18-5/8	18.625	20.000	10-5/8	18.779	3/8	7/8	0.500	5	138.18
20	20.000	21.000	10-5/8	20.154	3/8	7/8	0.500	5	110.45

Coupling and Thread Dimensions for API-Casing（Round Thread）

1	2	3	4	5	6	7	8	9	10	11	12	13
Size O. D. in	Casing O. D. D in	Coupling O. D. W in	Length NL in Short	Length NL in Long	Diameter of Recess Q in	Depth of Recess q in	Width of Bearing Face b in	Hand-Tight Standoff A	End of Threads of Coupling Power-Tight Make-up J in	No. of Threads Per Inch	Weight lb Short	Weight lb Long
4-1/2	4.500	5.000	6 1/4	7	4 19/32	0.500	5/32	3	0.500	8	7.98	9.16
5	5.000	5.563	6 1/2	7 3/4	5 3/32	0.500	3/16	3	0.500	8	10.27	12.68
5-1/2	5.500	6.050	6 3/4	8	5 19/32	0.500	1/8	3	0.500	8	11.54	14.15
7	7.000	7.656	7 1/4	8 3/4	7 3/32	0.500	3/16	3	0.500	8	18.49	23.87
9-5/8	9.625	10.625	7 3/4	9	9 25/32	0.433	1/4	3 1/2	0.500	8	39.75	56.11
10-3/4	10.750	11.750	8	—	10 29/32	0.433	1/4	3 1/2	0.500	8	45.81	—
13-3/8	13.375	14.375	8	—	13 17/32	0.433	7/32	3 1/2	0.500	8	56.57	—
16	16.000	17.000	9	—	16 7/32	0.433	7/32	3 1/2	0.500	8	76.96	—
18-5/8	18.625	20.000	9	—	18 27/32	0.433	7/32	3 1/2	0.500	8	119.07	—
20	20.000	21.000	9	11 1/2	20 7/32	0.366	7/32	4	0.500	8	95.73	126.87