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Errata 1

Table corrections

Table 1: Values shall be updated as indicated within the red boxes:

Table 1—Casing Short-thread Dimensions

Size Designation	Major Diameter	Nominal Weight Thread and Coupling lb per ft	No. of Threads Per in.	Length: End of Pipe to Hand-tight Plane	Length: Effective Threads	Total Length: End of Pipe to Vanish Point	Pitch Diameter at Hand-tight Plane	End of Pipe to Center of Coupling, Power-tight Make-up	Length: Face of Coupling to Hand-tight Plane	Diameter of Coupling Recess	Depth of Coupling Recess	Hand-tight Standoff, Thread Turns	Minimum Length, Full Crest Threads from End of Pipe	Thread Crest Diameter at Face of Coupling	Thread Crest Diameter at End of Pin	Length End of Pipe to Gauge Plane	Pin Thread Crest Diameter at L ₁₀	Length: Face of Coupling to Gauge Plane	Box Thread Crest Diameter at M ₁₂
D	D ₄			L ₁	L ₂	L ₄	E ₁	J	M	Q	q	A	L ₂ ^a	C ₁₁	C ₉	L ₁₀	C ₁₀	M ₁₂	C ₁₂
4 1/2	4.500	9.50	8	0.921	1.715	2.000	4.40337	1.125	0.704	4 10/32	0.500	3	0.875	4.3791	4.4141	0.5625	4.4493	1.2045	4.3038
4 1/2	4.500	Others	8	1.546	2.340	2.625	4.40337	0.500	0.704	4 10/32	0.500	3	1.500	4.3791	4.3750	1.1675	4.4492	1.2045	4.3038
5	5.000	11.50	8	1.421	2.215	2.500	4.90337	0.750	0.704	5 3/32	0.500	3	1.375	4.8791	4.8628	1.0625	4.9492	1.2045	4.8038
5	5.000	Others	8	1.671	2.465	2.750	4.90337	0.500	0.704	5 3/32	0.500	3	1.625	4.8791	4.8672	1.3125	4.9492	1.2045	4.8038
5 1/2	5.500	All	8	1.796	2.590	2.875	5.40337	0.500	0.704	5 3/32	0.500	3	1.750	5.3791	5.3594	1.4375	5.4492	1.2045	5.3038
6 5/8	6.625	All	8	2.046	2.840	3.125	6.52837	0.500	0.704	6 23/32	0.500	3	2.000	6.5041	6.4687	1.6875	6.5742	1.2045	6.4288
7	7.000	17.00	8	1.296	2.090	2.375	6.90337	1.250	0.704	7 3/32	0.500	3	1.250	6.8791	6.8906	0.9375	6.9492	1.2045	6.8038
7	7.000	Others	8	2.046	2.840	3.125	6.90337	0.500	0.704	7 3/32	0.500	3	2.000	6.8791	6.8437	1.6875	6.9492	1.2045	6.8038
7 5/8	7.625	All	8	2.104	2.965	3.250	7.52418	0.500	0.709	7 25/32	0.433	3 1/2	2.125	7.5002	7.4609	1.8125	7.5742	1.2095	7.4246
8 5/8	8.625	24.00	8	1.854	2.715	3.000	8.52418	0.875	0.709	8 25/32	0.433	3 1/2	1.875	8.5002	8.4766	1.5625	8.5743	1.2095	8.4246
8 5/8	8.625	Others	8	2.229	3.090	3.375	8.52418	0.500	0.709	8 25/32	0.433	3 1/2	2.250	8.5002	8.4531	1.9375	8.5742	1.2095	8.4246
9 5/8 ^b	9.625	All	8	2.229	3.090	3.375	9.52418	0.500	0.709	9 25/32	0.433	3 1/2	2.250	9.5002	9.4531	1.9375	9.5742	1.2095	9.4246
9 5/8 ^c	9.625	All	8	2.162	3.090	3.375	9.51999	0.500	0.713	9 25/32	0.433	4	2.250	9.4963	9.4531	1.9375	9.5742	1.2095	9.4207
10 3/4 ^b	10.750	32.75	8	1.604	2.465	2.750	10.64918	1.250	0.709	10 23/32	0.433	3 1/2	1.625	10.6252	10.6172	1.3125	10.6992	1.2095	10.5496
10 3/4 ^b	10.750	Others	8	2.354	3.215	3.500	10.64918	0.500	0.709	10 23/32	0.433	3 1/2	2.375	10.6252	10.5703	2.0625	10.6992	1.2095	10.5496
10 3/4 ^c	10.750	Others	8	2.287	3.215	3.500	10.64499	0.500	0.713	10 23/32	0.433	4	2.375	10.6213	10.5703	2.0625	10.6992	1.2095	10.5457

(Table 1 continued below)

11 ^a / ₄ ^b	11.750	All	8	2.354	3.215	3.500	11.64918	0.500	0.709	11 ²⁹ / ₃₂	0.433	3 ¹ / ₂	2.375	11.6252	11.5703	2.0625	11.6992	1.2095	11.5496
11 ^a / ₄ ^c	11.750	All	8	2.287	3.215	3.500	11.64499	0.500	0.713	11 ²⁹ / ₃₂	0.433	4	2.375	11.6213	11.5703	2.0625	11.6992	1.2095	11.5457
13 ^a / ₈ ^b	13.375	All	8	2.354	3.215	3.500	13.27418	0.500	0.709	13 ¹⁷ / ₃₂	0.433	3 ¹ / ₂	2.375	13.2502	13.1953	2.0625	13.3242	1.2095	13.1746
13 ^a / ₈ ^c	13.375	All	8	2.287	3.215	3.500	13.26999	0.500	0.713	13 ¹⁷ / ₃₂	0.433	4	2.375	13.2463	13.1953	2.0625	13.3242	1.2095	13.1707
16	16.000	All	8	2.654	3.715	4.000	15.89918	0.500	0.709	16 ⁷ / ₃₂	0.366	3 ¹ / ₂	2.875	15.8752	15.7891	2.5625	15.9493	1.2095	15.7996
18 ^a / ₈	18.625	87.50	8	2.654	3.715	4.000	18.52418	0.500	0.709	18 ²⁷ / ₃₂	0.366	3 ¹ / ₂	2.875	18.5002	18.4141	2.5625	18.5743	1.2095	18.4246
20 ^d	20.000	All	8	2.654	3.715	4.000	19.89918	0.500	0.709	20 ⁷ / ₃₂	0.366	3 ¹ / ₂	2.875	19.8752	19.7891	2.5625	19.9493	1.2095	19.7996
20 ^e	20.000	All	8	2.787	3.715	4.000	19.89499	0.500	0.713	20 ⁷ / ₃₂	0.366	4	2.875	19.8713	19.7891	2.5625	19.9493	1.2095	19.7957

NOTE 1 All dimensions in inches, except as indicated. See Figure 5. For thread crest details, see Figures 6 and 7.

NOTE 2 Included taper on diameter (all sizes) of 0.0625 in. per inch.

NOTE 3 Hand-tight standoff "A" is the basic allowance for basic power make-up of the joint as shown in Figure 5.

NOTE 4 See 6.1.3 for additional information on crest diameter locations; these locations may be different from traditional diameters and locations, and new standards may be required.

- ^a L_c = L₄ - 1.125 in. for 8 round thread casing.
- ^b Applicable to coupling grades lower than P110.
- ^c Applicable to coupling grades P110 and higher.
- ^d Applicable to coupling grades lower than J55 and K55.
- ^e Applicable to coupling grades J55 and K55 and higher.

Table 2: Corrections shall be made as indicated within the red boxes:

Table 2—Tolerances on Buttress Casing Thread Dimensions (Continued)

Element	Tolerances
16 in. and larger (internal).....	+0.0100 in. -0.0000 in.
Single Dial Buttress Thread Form Gauge Tolerance ^{e, h}	
external threads	
< 8 ⁵ / ₈ in. OD.....	+0 in. (0.0 mm) -0.003 in. (0.08 mm)
≤ 8 ⁵ / ₈ in. OD	+0 in. (0.0 mm) -0.005 in. (0.13 mm)
internal threads	
all sizes.....	-0.001 in. (0.03 mm) -0.004 in. (0.10 mm)

Table 3: Values shall be updated as indicated within the red box:

Table 3—Line Pipe Thread Dimensions

Size Designation	Major Diameter	No. of Threads Per in.	Length: End of Pipe to Hand-tight Plane	Length: Effective Threads	Total Length: End of Pipe to Vanish Point	Pitch Diameter at Hand-tight Plane	End of Pipe to Center of Coupling, Power-tight Make-Up	Length: Face of Coupling to Hand-tight Plane	Diameter of Coupling Recess	Depth of Coupling Recess	Hand-Tight Standoff Thread Turns	Minimum Length: Full Crest Threads from End of Pipe
D	D ₄ ^a		L ₁	L ₂	L ₄	E ₁	J	M	Q	q	A	Lc ^b
1/8	0.405	27	0.1615	0.2639	0.3924	0.37360	0.1389	0.1198	0.468	0.0524	3	—
1/4	0.540	18	0.2278	0.4018	0.5946	0.49163	0.2179	0.2001	0.603	0.1206	3	—
3/8	0.675	18	0.2400	0.4078	0.6006	0.62701	0.2119	0.1938	0.738	0.1147	3	—
1/2	0.840	14	0.3200	0.5337	0.7815	0.77843	0.2810	0.2473	0.903	0.1582	3	—
3/4	1.050	14	0.3390	0.5457	0.7935	0.98887	0.2690	0.2403	1.113	0.1516	3	—
1	1.315	11 1/2	0.4000	0.6828	0.9845	1.23863	0.3280	0.3235	1.378	0.2241	3	0.3325
1 1/4	1.660	11 1/2	0.4200	0.7068	1.0085	1.58338	0.3665	0.3275	1.723	0.2279	3	0.3565
1 1/2	1.900	11 1/2	0.4200	0.7235	1.0252	1.82234	0.3498	0.3442	1.963	0.2439	3	0.3732
2	2.375	11 1/2	0.4360	0.7565	1.0582	2.29627	0.3793	0.3611	2.469	0.2379	3	0.4062
2 1/2	2.875	8	0.6820	1.1375	1.5712	2.76216	0.4913	0.6392	2.969	0.4915	2	0.6342
3	3.500	8	0.7860	1.2000	1.6337	3.38850	0.4913	0.6177	3.594	0.4710	2	0.6967
3 1/2	4.000	8	0.8210	1.2500	1.6837	3.88881	0.5038	0.6127	4.094	0.4662	2	0.7467
4	4.500	8	0.8440	1.3000	1.7337	4.38712	0.5163	0.6397	4.594	0.4920	2	0.7967
5	5.563	8	0.9370	1.4063	1.8400	5.44929	0.4725	0.6530	5.657	0.5047	2	0.9030
6	6.625	8	0.9580	1.5125	1.9462	6.50597	0.4913	0.7382	6.719	0.5861	2	1.0092
8	8.625	8	1.0630	1.7125	2.1462	8.50003	0.4788	0.8332	8.719	0.6768	2	1.2092
10	10.750	8	1.2100	1.9250	2.3587	10.62094	0.5163	0.8987	10.844	0.7394	2	1.4217
12	12.750	8D	1.3800	2.1250	2.5587	12.61781	0.5038	0.9487	12.844	0.7872	2	1.6217
14D	14.000	8	1.5620	2.2500	2.6837	13.87263	0.5038	0.8717	14.094	0.7136	2	1.7467
16D	16.000	8	1.8120	2.4500	2.8837	15.87575	0.4913	0.8217	16.094	0.6658	2	1.9467
18D	18.000	8	2.0000	2.6500	3.0837	17.87500	0.4788	0.8337	18.094	0.6773	2	2.1467
20D	20.000	8	2.1250	2.8500	3.2837	19.87031	0.5288	0.9087	20.094	0.7490	2	2.3467

Table 4: Values shall be updated as indicated within the red box:

Size Designation	Major Diameter	No. of Threads Per in.	Length: End of Pipe to Hand-tight Plane	Length: Effective Threads	Total Length: End of Pipe to Vanish Point	Pitch Diameter at Hand-tight Plane
D	D ₄		L ₁	L ₂	L ₄	E ₁
4 1/2	4.500	8	1.921	2.715	3.000	4.40337
5	5.000	8	2.296	3.090	3.375	4.90337
5 1/2	5.500	8	2.421	3.215	3.500	5.40337
6 5/8	6.625	8	2.796	3.590	3.875	6.52837
7	7.000	8	2.921	3.715	4.000	6.90337
7 5/8	7.625	8	2.979	3.840	4.125	7.52418
8 5/8	8.625	8	3.354	4.215	4.500	8.52418
9 5/8 ^b	9.625	8	3.604	4.465	4.750	9.52418
9 5/8 ^c	9.625	8	3.537	4.465	4.750	9.51999
20 ^d	20.000	8	4.104	4.965	5.250	19.89918
20 ^e	20.000	8	4.037	4.965	5.250	19.89499

Table 5: Values shall be updated as indicated within the red boxes:

Table 5—Buttress Casing Thread Dimensions

Length: Imperfect Threads	Length: Perfect Threads	Total Length: End of Pipe to Vanish Point	Pitch Diameter ^a	End of Pipe to Center of Coupling, Power-tight Make-up	End of Pipe to Center of Coupling, Hand-tight Make-up	Length: Face of Coupling to Plane E ₇	Length: End of Pipe to Triangle Stamp	Hand-Tight Standoff Thread Turns	Diameter of Counterbore in Coupling	Minimum Length, Full Crest Threads from End of Pipe	Thread Crest Diameter at Face of Coupling	Thread Crest Diameter at End of Pin	Length: End of Pipe to Gauge Plane	Thread Crest Diameter at L ₁₀	Length: Face of Coupling to Gauge Plane	Thread Crest Diameter at M ₁₂
g	L ₇	L ₄	E ₇	J	J _n	M	A ₁	A	Q	Lc ^b	C ₁₁	C ₉	L ₁₀	C ₁₀	M ₁₂	C ₁₂
1.984	1.6535	3.6375	4.454	0.500	0.900	1.884	3 ¹⁵ / ₁₆	1/2	4.640	1.2535	4.5098	4.4127	0.9410	4.4715	1.8845	4.3920
1.984	1.7785	3.7625	4.954	0.500	1.000	1.784	4 ¹ / ₁₆	1	5.140	1.3785	5.0035	4.9048	1.0860	4.9714	1.7845	4.8920
1.984	1.8410	3.8250	5.454	0.500	1.000	1.784	4 ¹ / ₈	1	5.640	1.4410	5.5035	5.4009	1.1285	5.4714	1.7845	5.3920
1.984	2.0285	4.0125	6.579	0.500	1.000	1.784	4 ⁵ / ₁₆	1	6.765	1.6285	6.6285	6.5142	1.3160	6.5965	1.7845	6.5170
1.984	2.2180	4.2000	6.954	0.500	1.000	1.784	4 ¹ / ₂	1	7.140	1.8160	7.0035	6.8775	1.5035	6.9715	1.7845	6.8920
1.984	2.4035	4.3875	7.579	0.500	1.000	1.784	4 ¹¹ / ₁₆	1	7.765	2.0035	7.6285	7.4908	1.6910	7.5965	1.7845	7.5170
1.984	2.5285	4.5125	8.579	0.500	1.000	1.784	4 ¹³ / ₁₆	1	8.765	2.1285	8.6285	8.4830	1.8160	8.5965	1.7845	8.5170
1.984	2.5285	4.5125	9.579	0.500	1.000	1.784	4 ¹³ / ₁₆	1	9.765	2.1285	9.6285	9.4830	1.8160	9.5965	1.7845	9.5170
1.984	2.5285	4.5125	10.704	0.500	1.000	1.784	4 ¹³ / ₁₆	1	10.890	2.1285	10.7535	10.6080	1.8160	10.7215	1.7845	10.6420
1.984	2.5285	4.5125	11.704	0.500	1.000	1.784	4 ¹³ / ₁₆	1	11.890	2.1285	11.7535	11.6080	1.8160	11.7215	1.7845	11.6420
1.984	2.5285	4.5125	13.329	0.500	1.000	1.784	4 ¹³ / ₁₆	1	13.615	2.1285	13.3785	13.2330	1.8160	13.3465	1.7845	13.2670
1.488	3.1245	4.6125	15.938	0.500	0.875	1.313	4 ¹³ / ₁₆	7/8	16.154	2.7245	15.9822	15.7412	2.4120	15.9422	1.3425	15.8703
1.488	3.1245	4.6125	18.563	0.500	0.875	1.313	4 ¹³ / ₁₆	7/8	18.779	2.7245	18.6072	18.3662	2.4120	18.5672	1.3425	18.4953
1.488	3.1245	4.6125	19.938	0.500	0.875	1.313	4 ¹³ / ₁₆	7/8	20.154	2.7245	19.9822	19.7412	2.4120	19.9422	1.3425	19.8703

Table 6: Corrections shall be made as indicated within the red boxes:

Table 6—Non-upset Tubing Thread Dimensions

Size Designation	Major Diameter	No. of Threads Per in.	Length: End of Pipe to Hand-tight Plan	Length: Effective Threads	Total Length: End of Pipe to Vanish Point	Pitch Diameter at Hand-tight Plane	End of Pipe to Center of Coupling, Power-tight Make-up	Length Face of Coupling, to Hand-Tight Plane	Diameter of Coupling Recess	Depth of Coupling Recess	Hand-Tight Standoff Thread Turns	Minimum Length, Full Crest Threads from End of Pipe	Thread Crest Diameter at Face of Coupling	Thread Crest Diameter at End of Pin	Length End of Pipe to Gauge Plane	Thread Crest Diameter at L10	Length: Face of Coupling to Gauge Plane	Thread Crest Diameter at M12
D	D ₄		L ₁	L ₂	L ₄	E ₁	J	M	Q	q	A	L _c ^a	C ₁₁	C ₉	L ₁₀	C ₁₀	M ₁₂	C ₁₂
1.050	1.050	10	0.448	0.925	1.094	0.98828	0.500	0.448	1.113	5/16	2	0.300	NA	NA	NA	NA	NA	NA
1.315	1.315	10	0.479	0.958	1.125	1.25328	0.500	0.448	1.378	5/16	2	0.300	NA	NA	NA	NA	NA	NA
1.680	1.680	10	0.604	1.081	1.250	1.59828	0.500	0.448	1.723	5/16	2	0.350	NA	NA	NA	NA	NA	NA
1.900	1.900	10	0.729	1.208	1.375	1.83828	0.500	0.448	1.963	5/16	2	0.475	NA	NA	NA	NA	NA	NA
2 3/8	2.375	10	0.979	1.458	1.625	2.31328	0.500	0.448	2.438	5/16	2	0.725	NA	NA	NA	NA	NA	NA
2 7/8	2.875	10	1.417	1.894	2.063	2.81328	0.500	0.448	2.938	5/16	2	1.163	NA	NA	NA	NA	NA	NA
3 1/2	3.500	10	1.667	2.144	2.313	3.43828	0.500	0.448	3.563	5/16	2	1.413	NA	NA	NA	NA	NA	NA
4	4.000	8	1.591	2.140	2.375	3.91395	0.500	0.534	4.063	3/8	2	1.375	3.8791	3.8828	1.0625	3.9492	1.0345	3.8144
4 1/2	4.500	8	1.779	2.328	2.563	4.41395	0.500	0.534	4.563	3/8	2	1.583	4.3791	4.3710	1.2505	4.4492	1.0345	4.3144

NOTE 1 All dimensions in inches, except as indicated. See Figure 8 and Figure 11–13.

NOTE 2 Included taper on diameter (all sizes) of 0.0625 in. per inches.

NOTE 3 Hand-tight standoff "A" is the basic allowance for basic power make-up of the joint as shown in Figure 8.

NOTE 4 See 6.1.3 for additional information on crest diameter locations; these locations may be different from traditional diameters and locations, and new standards may be required.

^a L_c = L₄ – 0.900 in. for 10-thread tubing, but not less than 0.300, and L₄ – 1.000 for 8-thread tubing.

Table 7: Values shall be updated as indicated within the red boxes:

Table 7—External-upset Tubing Thread Dimensions

Size Designation	Major Diameter	No. of Threads Per in.	Length: End of Pipe to Hand-tight Plan	Length: Effective Threads	Total Length: End of Pipe to Vanish Point	Pitch Diameter at Hand-tight Plane	End of Pipe to Center of Coupling, Power-tight Make-Up	Length Face of Coupling, to Hand-tight Plane	Diameter of Coupling Recess	Depth of Coupling Recess	Hand-tight Standoff Thread Turns	Minimum Length, Full Crest Threads from End of Pipe
D	D ₄		L ₁	L ₂	L ₄	E ₁	J	M	Q	q	A	L _c ^a
1.050	1.315	10	0.479	0.956	1.125	1.25328	0.500	0.446	1.378	⁵ / ₁₆	2	0.300
1.315	1.469	10	0.604	1.081	1.250	1.40708	0.500	0.446	1.531	⁵ / ₁₆	2	0.350
1.660	1.812	10	0.729	1.206	1.375	1.75079	0.500	0.446	1.875	⁵ / ₁₆	2	0.475
1.900	2.094	10	0.792	1.269	1.438	2.03206	0.500	0.446	2.156	⁵ / ₁₆	2	0.538
2 ³ / ₈	2.594	8	1.154	1.703	1.938	2.50775	0.500	0.534	2.656	³ / ₈	2	0.938
2 ⁷ / ₈	3.094	8	1.341	1.890	2.125	3.00775	0.500	0.534	3.156	³ / ₈	2	1.125
3 ¹ / ₂	3.750	8	1.591	2.140	2.375	3.66395	0.500	0.534	3.813	³ / ₈	2	1.375
4	4.250	8	1.716	2.265	2.500	4.16395	0.500	0.534	4.313	³ / ₈	2	1.500
4 ¹ / ₂	4.750	8	1.841	2.390	2.625	4.66395	0.500	0.534	4.813	³ / ₈	2	1.625

Table 8: Values shall be updated as indicated within the red boxes:

Table 8—External-upset Long Round Thread Dimensions for Fiberglass Pipe

Size Designation	Major Diameter	No. of Threads per in.	Length: End of Pipe to Hand-Tight Plane	Length: Effective Threads	Total Length: End of Pipe to Vanish Point	Pitch Diameter at Hand-Tight Plane	End of Pipe to Center of Coupling, Power-Tight Make-Up	Length Face of Coupling, to Hand-Tight Plane	Diameter of Coupling Recess	Depth of Coupling Recess	Hand-Tight Standoff Thread Turns	Minimum Length, Full Crest Threads from End of Pipe
D	D ₄		L ₁	L ₂	L ₄	E ₁	J	M	Q	q	A	L _c ^a
1.050	1.315	10	0.979	1.458	1.625	1.25328	0.500	0.448	1.378	5/16	2	0.725
1.315	1.489	10	1.104	1.581	1.750	1.40708	0.500	0.448	1.531	5/16	2	0.850
1.660	1.812	10	1.229	1.708	1.875	1.75079	0.500	0.448	1.875	5/16	2	0.975
1.900	2.094	10	1.417	1.894	2.063	2.03208	0.500	0.448	2.158	5/16	2	1.163
2 3/8	2.594	8	1.779	2.328	2.583	2.50775	0.500	0.534	2.658	5/16	2	1.563
2 7/8	3.094	8	2.091	2.640	2.875	3.00775	0.500	0.534	3.158	3/8	2	1.875
3 1/2	3.750	8	2.341	2.890	3.125	3.86395	0.500	0.534	3.813	3/8	2	2.125
4	4.250	8	2.591	3.140	3.375	4.16395	0.500	0.534	4.313	3/8	2	2.375
4 1/2	4.750	8	2.716	3.265	3.500	4.86395	0.500	0.534	4.813	3/8	2	2.500

NOTE 1 All dimensions in inches, except as indicated. See Figure 8 and Figures 11–13.

NOTE 2 Included taper on diameter (all sizes) of 0.0625 in. per inch.

NOTE 3 Hand-tight standoff "A" is the basic allowance for basic power make-up of the joint as shown in Figure 8.

^a L_c = L₄ – 0.900 in. for 10 thread tubing and L_c = L₄ – 1.000 in. for 8 thread tubing.

Table 9: Values shall be updated as indicated within the red boxes:

Table 9—Integral-joint Tubing Thread Dimensions

Size Designation	Major Diameter	No. of Threads per in.	Length: End of Pipe to Hand-tight Plane	Length: Effective Threads	Total Length: End of Pipe to Vanish Point	Pitch Diameter at Hand-tight Plane	End of Pipe to Center of Coupling, Power-tight Make-up	Length Face of Coupling, to Hand-tight Plane	Diameter of Coupling Recess	Depth of Coupling Recess	Hand-Tight Standoff Thread Turns	Minimum Length, Full Crest Threads from End of Pipe
D	D ₄		L ₁	L ₂	L ₄	E ₁	J	M	Q	q	A	L _c ^a
1.315	1.315	10	0.479	0.958	1.125	1.25328	0.500	0.448	1.378	⁵ / ₃₂	2	0.225
1.660	1.660	10	0.604	1.081	1.250	1.59828	0.500	0.448	1.723	⁵ / ₁₆	2	0.350
1.900	1.900	10	0.729	1.208	1.375	1.83828	0.500	0.448	1.963	⁵ / ₁₆	2	0.475
2.063	2.094	10	0.792	1.269	1.438	2.03208	0.500	0.448	2.156	⁵ / ₁₆	2	0.538

Table 13: Values shall be updated as indicated within the red boxes:

Table 13—Line Pipe Thread Height Dimensions

Thread Element	27 Threads	18 Threads	14 Threads	11 ¹ / ₂ Threads	8 Threads
	per in.	per in.	per in.	per in.	per in.
	p = 0.0370	p = 0.0556	p = 0.0714	p = 0.0870	p = 0.1250
H = 0.866p	0.0321	0.0481	0.0619	0.0753	0.1082
h _s = h _n = 0.760p	0.0281	0.0422	0.0543	0.0661	0.0950
f _{rs} = f _{rm} = 0.033p	0.0012	0.0018	0.0024	0.0029	0.0041
f _{cs} = f _{cn} = 0.073p	0.0027	0.0041	0.0052	0.0063	0.0091

Table 16: Corrections shall be made as indicated within the red boxes:

Height, h_s and h_n	non-upset tubing, regular thread external-upset tubing, and integral joint tubing.....	± 0.002 in.
Thread addendum ^a	non-upset tubing, regular thread external-upset tubing, and integral joint tubing.....	± 0.0015 in.
Angle, included		± 1.5 deg
Length, L_4 (external thread) ^b	8 thread per in.	$\pm 1p$
	10 thread per in. external upset.....	$+1\frac{1}{2}p$ $-3/4p$

Table 22: The title shall be changed to the following:

Table 22—Buttress Thread Height Groove Check Blocks

Table 24: Values shall be updated as indicated within the red box:

Table 24—Dial Gauge Error Check

Dial Range in. (mm)	Max Error in. (mm)
1.0000 (25.400)	0.0010 (0.025)
0.5000 (12.700)	0.0010 (0.025)
0.1000 (2.540)	0.0005 (0.013)
0.0200 (0.508)	0.0002 (0.005)

Table 24: The correction shall be made as indicated within the red box:

Table 25—Thread Ovality Maximum for Standoff

Pipe OD (D in.)	Specified Wall (t) (in.)	Ovality Multiplier (OM)	Max Thread Ovality (in.)

Table 28: The correction shall be made as indicated within the red box:

Buttress casing	$+1/2p$ -0	$+0$ $-1/2p$
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Table 29: The correction shall be made as indicated within the red box:

Table 29—Gauge Standoff Tolerance for Acceptance

Number of Threads per Inch	Axial Tolerance (in.)
Line Pipe Gauges	
27.....	+0.0037 -0.0046

Table 37: The corrections shall be made as indicated within the red boxes:

Table 37—Gauge Thread Height Dimensions for Line Pipe

Thread Element	27 Threads per in.	18 Threads per in.	14 Threads per in.	11 ¹ / ₂ Threads per in.	8 Threads per in.
	p = 0.0370	p = 0.0556	p = 0.0714	p = 0.0870	p = 0.1250
$H = 0.866p$	0.03204	0.04815	0.06183	0.07534	0.10825
$h_g = 0.666p$	0.02464	0.03703	0.04755	0.05794	0.08325
$f_{cs} = f_{cn} = 0.100p$	0.00370	0.00556	0.00714	0.00870	0.01250

Table 38: The correction shall be made as indicated within the red box:

Thread Element	10 Threads per in.	8 Threads per in.
	p = 0.1000	p = 0.1250
$H = 0.866p$	0.08660	0.10825
$h_g = 0.356p$	0.03560	—
$0.386p$	—	0.04825
$f_{cs} = f_{cn} = 0.255p$ $0.240p$	0.02550 —	— 0.03000

Table 40: The corrections shall be made as indicated within the red boxes:

Table 40—Tolerances on Gauge Dimensions for Round Thread Casing and Tubing

Element	Tolerances
For Plug Gauge:	
Pitch Diameter ^a	±0.0010
Taper ^b	+0.0010 -0.0000
Lead ^c	±0.0005
Crest truncation.....	+0.0040 -0.0000
Half-angle of thread.....	±10 min
Width of groove, U	
for casing and 8-thread non-upset tubing	±0.250
for 10-thread non-upset tubing and 8-thread; and 10-thread upset tubing.....	±0.200
Diameter of groove, D_g	maximum
Diameter of collar, D_4	maximum
Length, L_4	±0.001
Length of gauging notch.....	+0.002 -0.000
For Ring Gauge:	
Taper ^b	-0.0002 -0.0012
Lead ^c	±0.0008
Crest truncation.....	+0.0040 -0.0000

Table 41: The corrections shall be made as indicated within the red boxes:

Table 41—Tolerances on Gauge Dimensions for Buttress Casing

Element	Tolerances
For Plug Gauge:	
Major diameter, D_o , per specified size (in.)	
4 ¹ / ₂ through 7.....	±0.0005
7 ⁵ / ₈ through 13 ³ / ₈	±0.0007
16 and larger.....	±0.0010
Taper ^a	
13 ³ / ₈ and smaller.....	+0.0010 -0.0000
16 and larger.....	+0.0015 -0.0000
Lead ^b	±0.0005
Thread height.....	+0.0005 -0.0000
Diameter of collar, D_4	
13 ³ / ₈ and smaller.....	±0.001
16 and larger.....	±0.002
Length, L_4	±0.001
For Ring Gauge:	
Taper ^a	
13 ³ / ₈ and smaller.....	-0.0002 -0.0012
16 and larger.....	-0.0002 -0.0017
Lead ^b	±0.0008
Thread height.....	+0.0005 -0.0000
Diameter of counterbore, Qminimum
Length of ring, $L_4 - S^c$	±0.002
Mating Standoff, S	±0.015

Table B.1: The values shall be updated as indicated within the red boxes:

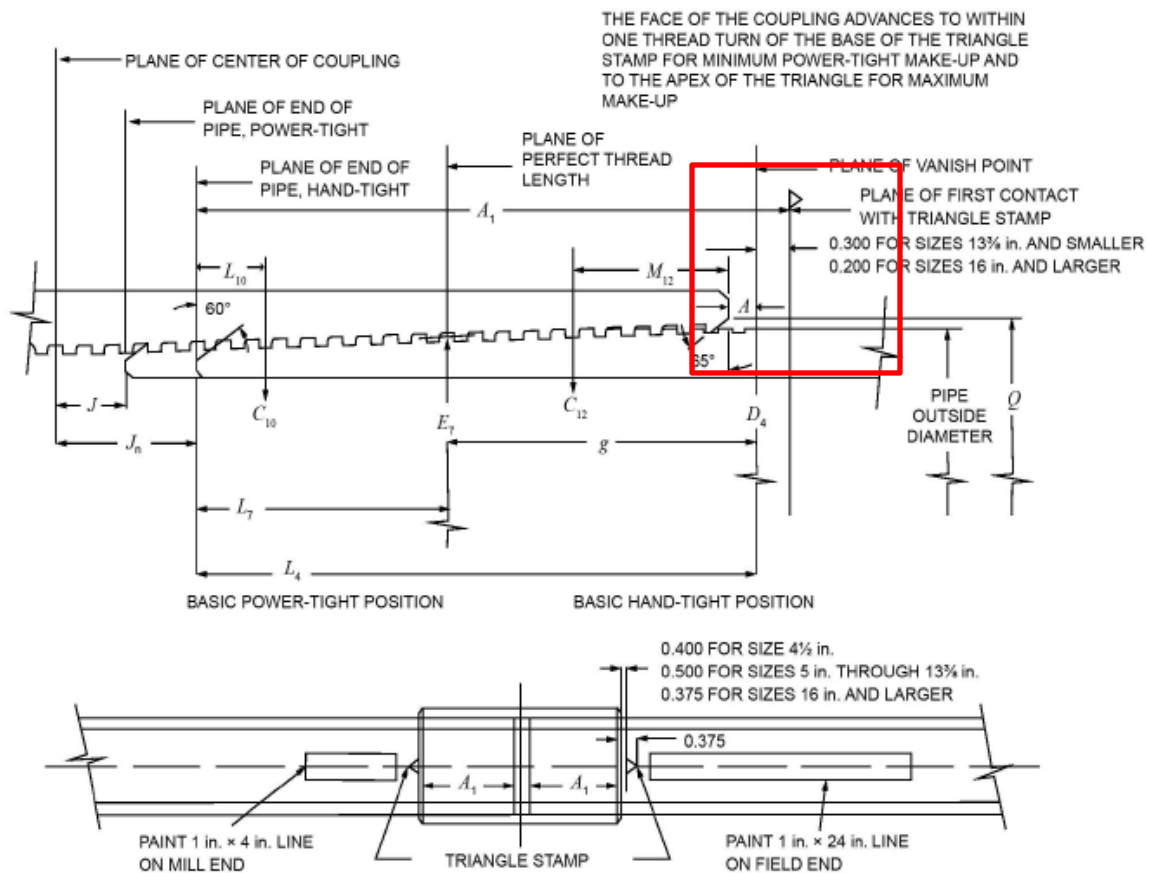
Coupling (internal thread)			
Length: Face of Coupling to Pitch Diameter Plane M_8	Coupling Pitch Diameter E_8C	Diameter of Coupling Recess Q	Depth of Coupling Recess q
1.7040	4.3393	$4 \frac{19}{32}$	0.500
1.7040	4.3354	$4 \frac{19}{32}$	0.500
1.7040	4.3409	$4 \frac{19}{32}$	0.500
1.7040	4.8370	$5 \frac{3}{32}$	0.500
1.7040	4.8292	$5 \frac{3}{32}$	0.500
1.7040	4.8409	$5 \frac{3}{32}$	0.500
1.7040	4.8370	$5 \frac{3}{32}$	0.500
1.7040	5.3354	$5 \frac{19}{32}$	0.500
1.7040	5.3276	$5 \frac{19}{32}$	0.500
1.7040	5.3401	$5 \frac{19}{32}$	0.500
1.7040	5.3401	$5 \frac{19}{32}$	0.500
1.7040	5.3354	$5 \frac{19}{32}$	0.500
1.7040	6.4597	$6 \frac{23}{32}$	0.500
1.7040	6.4519	$6 \frac{23}{32}$	0.500
1.7040	6.4519	$6 \frac{23}{32}$	0.500
1.7040	6.4557	$6 \frac{23}{32}$	0.500
1.7040	6.8284	$7 \frac{3}{32}$	0.500
1.7040	6.8166	$7 \frac{3}{32}$	0.500
1.7040	6.8307	$7 \frac{3}{32}$	0.500
1.7040	6.8284	$7 \frac{3}{32}$	0.500

Table B.2: The values shall be updated as indicated within the red boxes:

Average Thread Pitch Diameter (Internal Thread)	± 0.004 in.	+0.002, -0.006 in.
Ovality, Thread Pitch Diameter (Internal Thread)	0.003D	0.003D
Ovality, Thread Pitch Diameter, $D/t < 20$ (External Thread)	0.003D	0.003D
Ovality, Thread Pitch Diameter, $D/t \leq 20$ (External Thread)	0.004D	0.004D
Minimum Tin Plating Thickness (Internal Thread)	(See B.2.3 for SR 22.3)	0.0025 in.
Maximum Tin Plating Thickness (Internal Thread)	(See B.2.3 for SR 22.3)	0.0045 in.
Casing Coupling Diameter Q and Depth q	+0.031, -0 in.	+0.031, -0 in.

Figure corrections

Figure 1: The figure shall be updated as indicated within the red box:

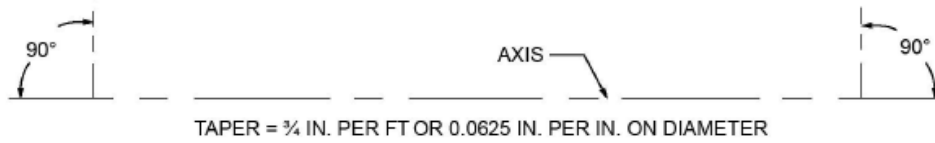


NOTE See Figure 2 and Figure 3 for detail of thread form and dimensions.

Figure 2: The title shall be changed to the following:

Figure 2—Buttress Casing Thread Form and Dimensions (Casing sizes 4¹/₂ in. through 13³/₈ in.)

The figure shall be updated as indicated within the red box:

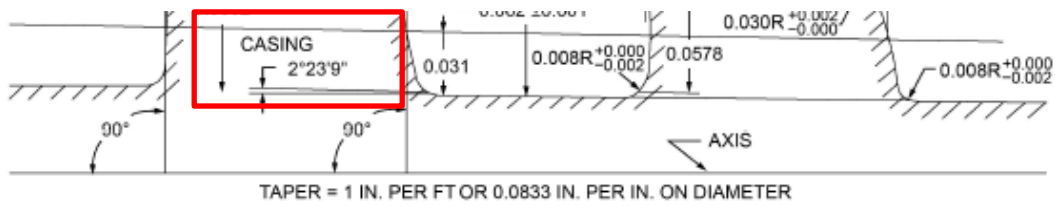


NOTE Thread crests and roots are parallel to cone.

Figure 3: The title shall be changed to the following:

Figure 3—Buttress Casing Thread Form and Dimensions (Casing sizes 16 in. and longer)

The figure shall be updated as indicated within the red box:



NOTE Thread crests and roots are parallel to thread axis.

Figure 5: The figure shall be updated as indicated within the red box:

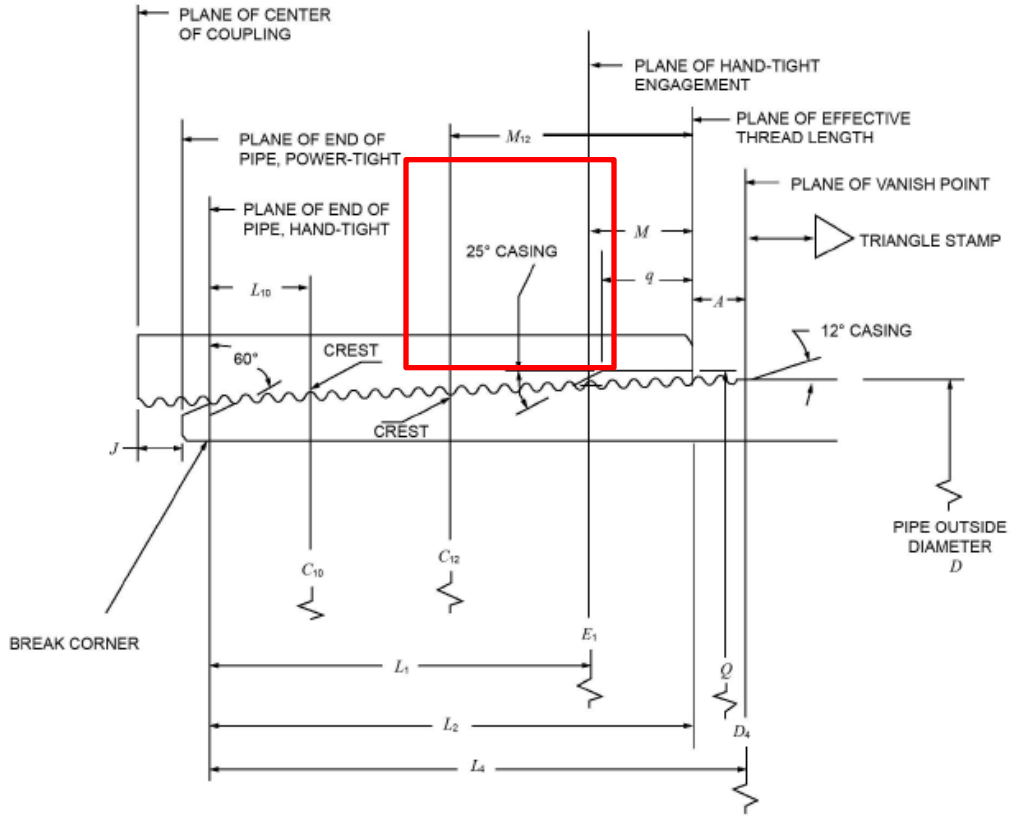


Figure 8: The figure shall be updated as indicated within the red box:

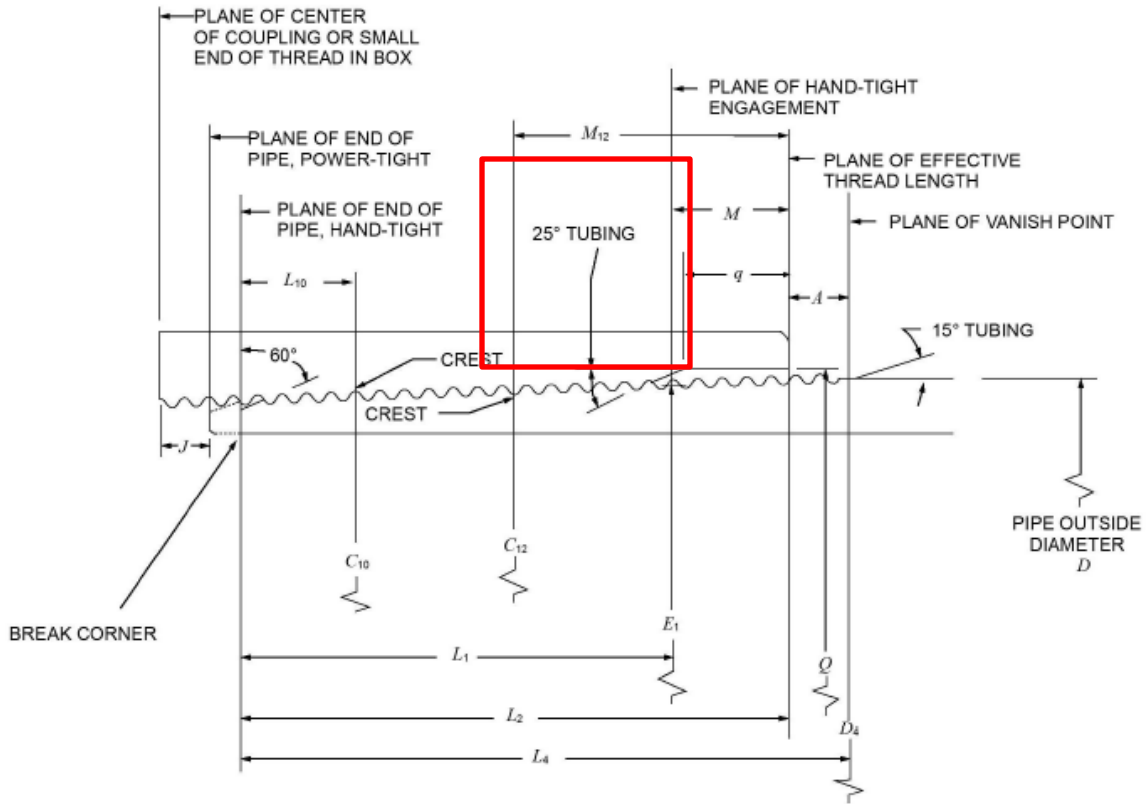


Figure 40: The title shall be changed to the following:

Figure 40—External Thread Height Gauge on Pin Threads (Round Thread Height Gauge)

Figure 47: The title shall be changed to the following:

Figure 47—Buttress Tooth Width Gauge (Measured from Thread Root)

Figure 53: The title shall be changed to the following:

Figure 53—Coupling Alignment Inspection (Detail)

Figure 63: The figure shall be updated as indicated within the red box:

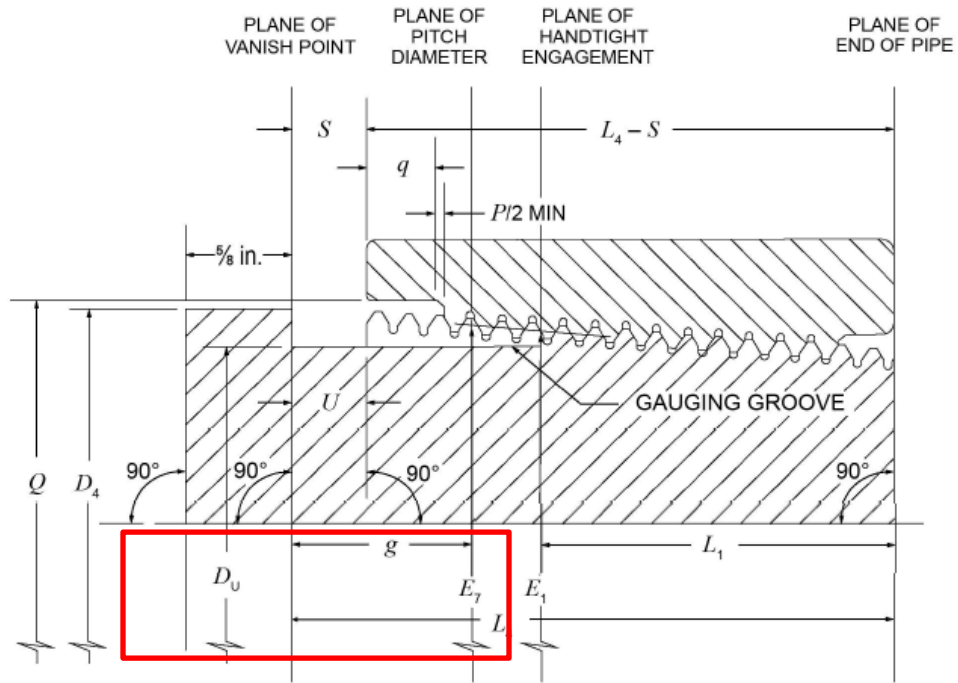


Figure 66: The title shall be changed to the following:

Figure 66—Gauge Thread Form and Dimensions for Buttress Casing (Taper sizes 4¹/₂ in. through 13³/₈ in.)

The figure shall be updated as indicated within the red box:

TAPER = $\frac{3}{4}$ IN. PER FT OR 0.0625 IN. ON DIAMETER

NOTE Thread crests and roots are parallel to cone.

Figure 67: The title shall be changed to the following:

Figure 67—Gauge Thread Form and Dimensions for Buttress Casing (Taper sizes 16 in. and larger)

The figure shall be updated as indicated within the red box:

TAPER = 1 IN. PER FT OR 0.0833 IN. PER IN. ON DIAMETER

NOTE Thread crests and roots are parallel to thread axis.

Text corrections

7.1.4, 1st paragraph: The first sentence shall read as follows:

The taper of both plug and ring gauges shall be determined from measurements of the diameter of the pitch cone for line pipe and round thread gauges, the major cone of buttress working plug and master ring gauges, and the minor cone of buttress working ring and master plug gauges, at a minimum of two positions covering the length of full thread height less the end threads.