

Date of Issue: December 2018

Affected Publication: API Specification 5B, *Threading, Gauging, and Inspection of Casing, Tubing, and Line Pipe Threads*, 16th Edition, December 2017

Errata 2

Figure corrections

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

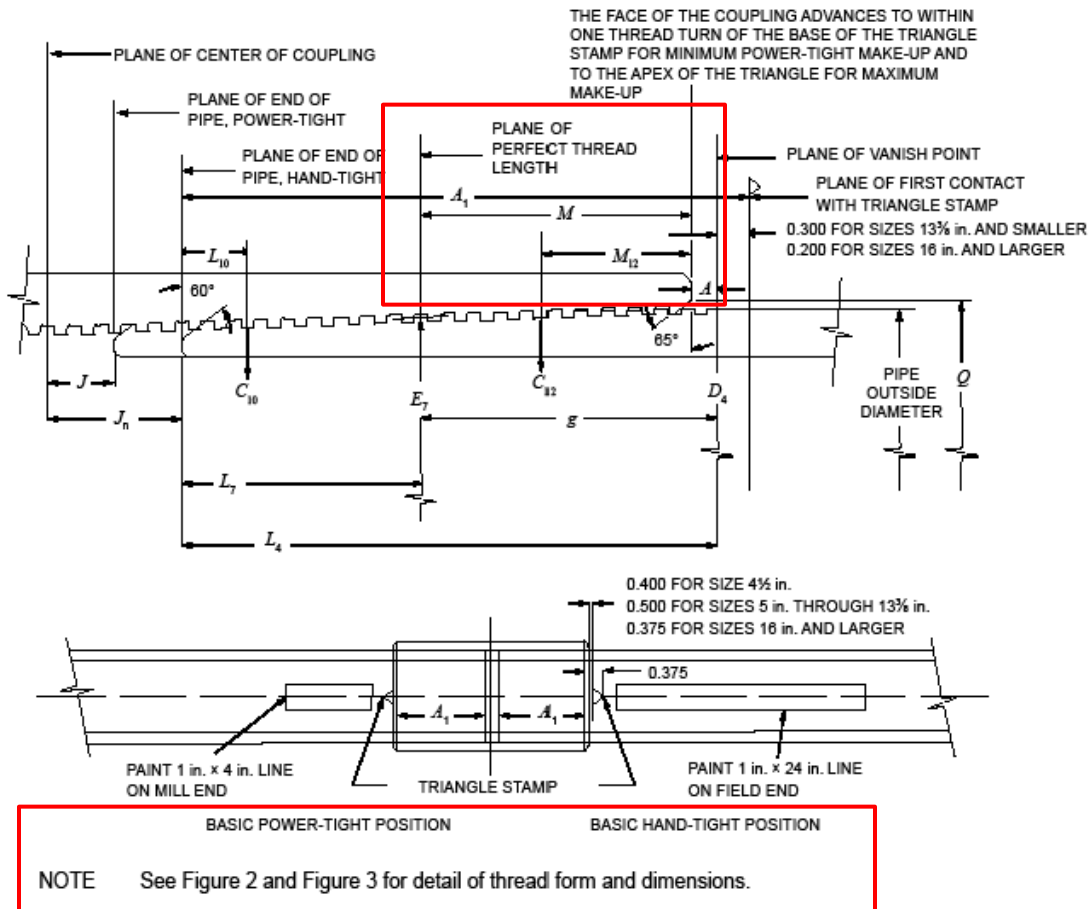
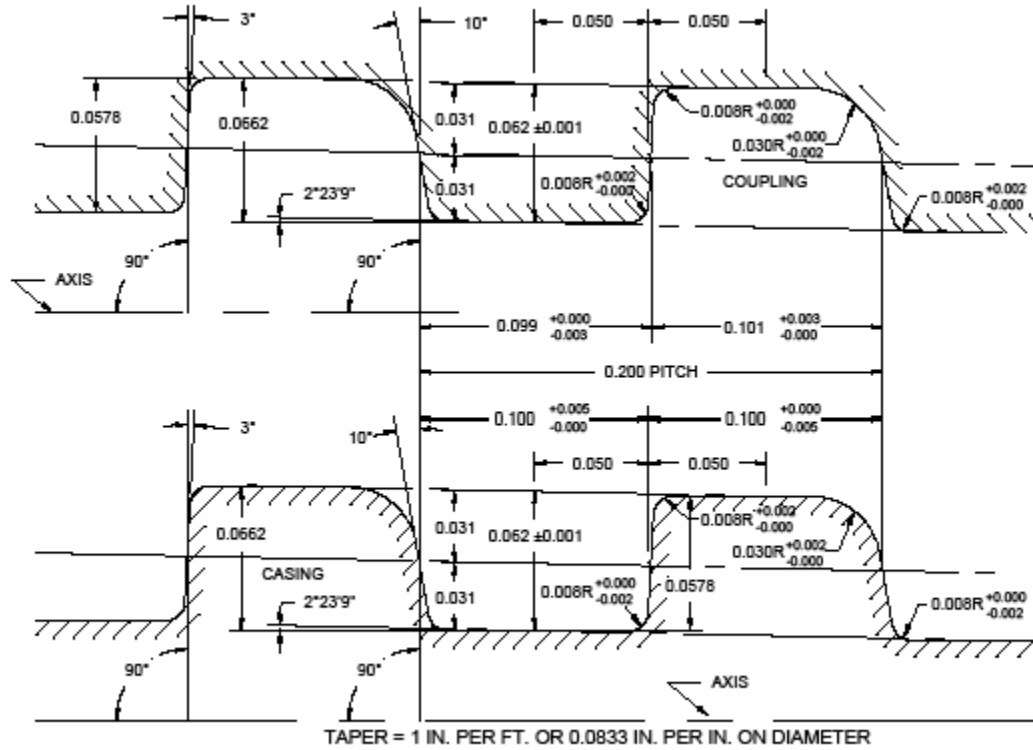


Figure 3: The figure shall be replaced with the following:



NOTE Thread crests and roots are parallel to thread axis.

Figure 7: The figure shall be updated as indicated within the red box:

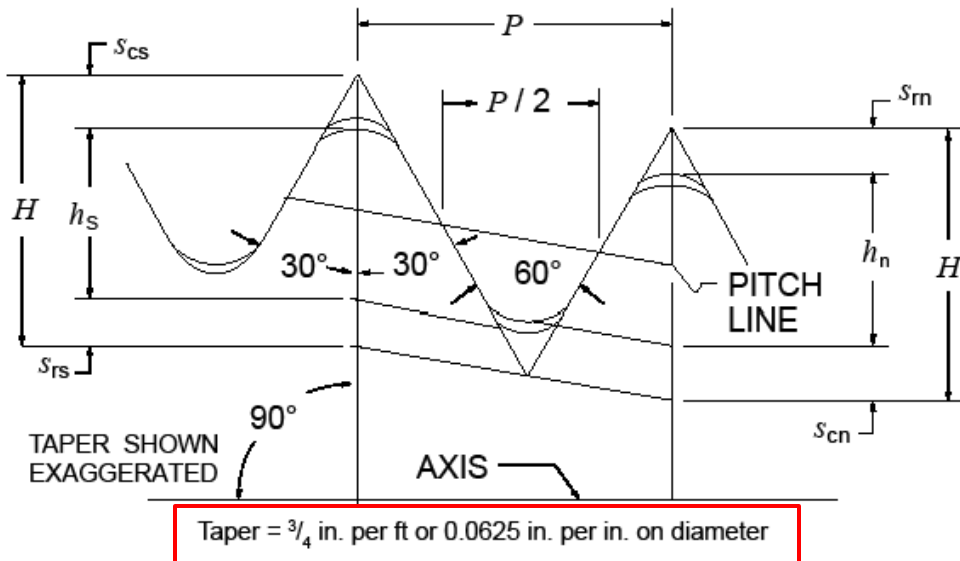


Figure 60: The figure shall be updated as indicated within the red boxes:

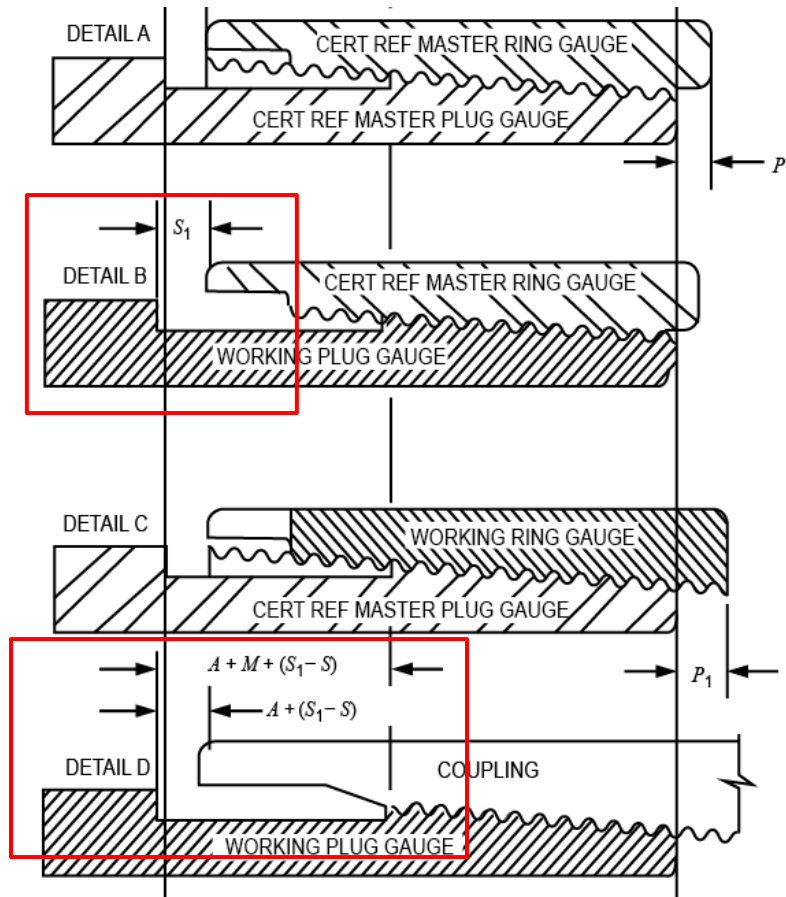
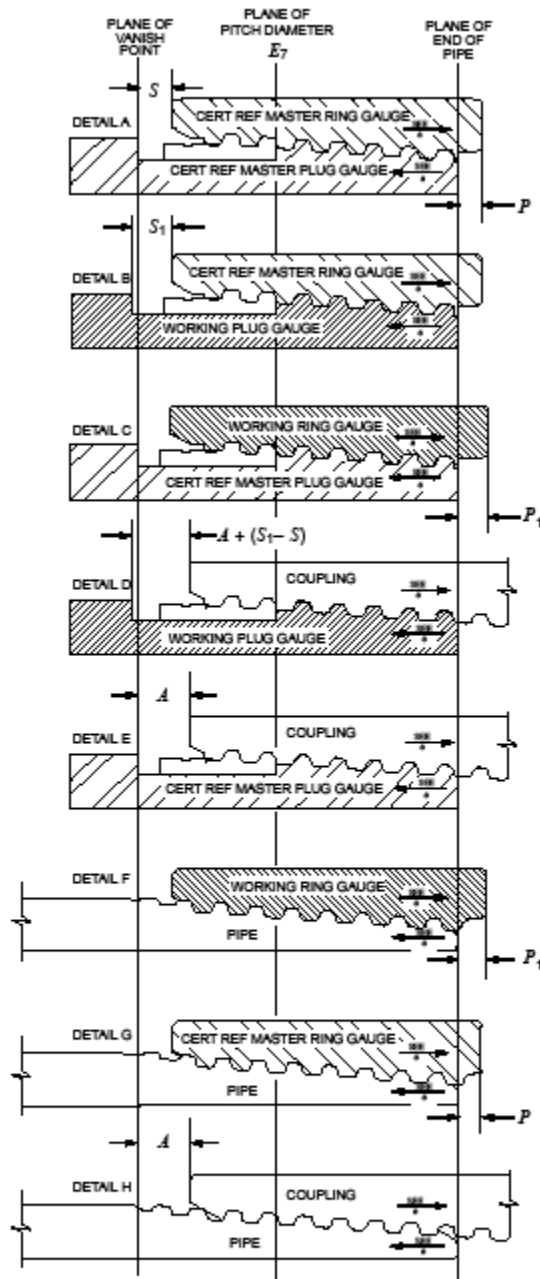
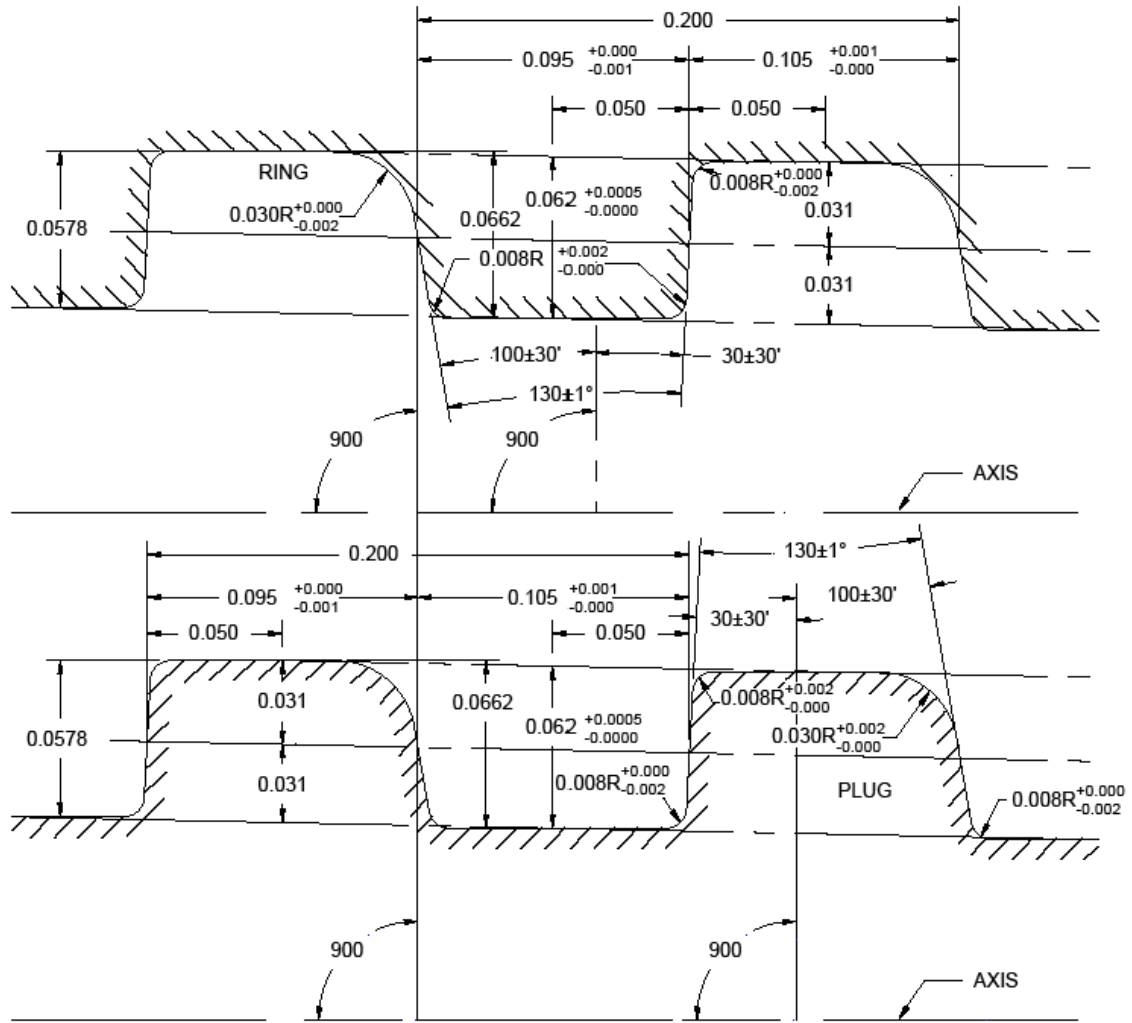


Figure 61: The figure shall be replaced with the following:



^a In order to obtain correct standoff on sizes 16 in. (406.4 mm) and larger buttress casing thread gauges, the gauges should be advanced axially with back pressure in direction of arrows so that all clearance is removed between the make-up flanks of threads.

Figure 67: The figure shall be replaced with the following:



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

NOTE Thread crests and roots are parallel to thread axis.

Table corrections

Table 2: The table shall be updated as indicated within the red boxes

Lead ^b	per in.	13 ³ / ₈ and smaller.....	±0.002 in.
		16 and larger.....	±0.003 in.
	cumulative.....		±0.004 in.
Single Dial Buttress Thread Form Gauge Tolerance ^{a, 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)
Ovality ^d			
	thread crest diameter, D/t < 20.....		0.003D ^{g, f}
	thread crest diameter, D/t ≥ 20.....		0.004D ^{g, f}

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

Size Designation	Major Diameter	No. of Threads Per in.
D	D ₄ ^a	
1/8	0.405	27
1/4	0.540	18
3/8	0.675	18
1/2	0.840	14
3/4	1.050	14
1	1.315	11 1/2
1 1/4	1.660	11 1/2
1 1/2	1.900	11 1/2
2	2.375	11 1/2
2 1/2	2.875	8
3	3.500	8
3 1/2	4.000	8
4	4.500	8
5	5.563	8
6	6.625	8
8	8.625	8
10	10.750	8
12	12.750	8

Table 8: The table shall be updated as indicated within the red box:

Diameter of Coupling Recess	Depth of Coupling Recess	Hand-Tight Standoff Thread Turns	Minimum Length, Full Crest Threads from End of Pipe
Q	q	A	L _c ^a
1.378	5/16	2	0.725
1.531	5/16	2	0.850
1.875	5/16	2	0.975
2.156	5/16	2	1.163
2.656	3/8	2	1.563

Table 25: The table shall be updated as indicated within the red boxes:

Pipe OD (D in.)	Specified Wall (t) (in.)	Ovality Multiplier (OM)	Max Thread Ovality (in.)
2.875	> 0.144	0.003	0.009
	≤ 0.144	0.004	0.012
3.500	> 0.175	0.003	0.011
	≤ 0.175	0.004	0.014
4.500	> 0.225	0.003	0.014
	≤ 0.225	0.004	0.018
5.000	> 0.250	0.003	0.015
	≤ 0.250	0.004	0.020
5.500	> 0.275	0.003	0.017
	≤ 0.275	0.004	0.022
6.625	> 0.331	0.003	0.020
	≤ 0.331	0.004	0.027
7.000	> 0.350	0.003	0.021
	≤ 0.350	0.004	0.028
7.625	> 0.381	0.003	0.023
	≤ 0.381	0.004	0.031
8.625	> 0.431	0.003	0.026
	≤ 0.431	0.004	0.035
9.625	> 0.481	0.003	0.029
	≤ 0.481	0.004	0.039
10.750	> 0.538	0.003	0.032
	≤ 0.538	0.004	0.043
11.750	> 0.588	0.003	0.035
	≤ 0.588	0.004	0.047
13.375	> 0.669	0.003	0.040
	≤ 0.669	0.004	0.054
16.000	> 0.800	0.003	0.048
	≤ 0.800	0.004	0.064
18.625	> 0.931	0.003	0.056
	≤ 0.931	0.004	0.075
20.000	> 1.000	0.003	0.060
	≤ 1.000	0.004	0.080

Text corrections

Section 6.1.9.2: The section shall now read:

6.1.9.2 The mating standoff of the master ring gauge against the master plug gauge, as marked on the ring gauge, is intended primarily as the basis for establishing the limits of wear or secular change in the gauges. Deviation from this initial S value should be taken into account in establishing working gauge standoff values.