



**Blanking Dimensions for
GB Drilling with Casing Connections**

October 29, 2007

Rev. 7 (07/27/2010)

Table: GB DWCBBlank

GB Drilling With Casing (DWC) Connection Blanking Dimensions

GB CD Box					
Pipe OD (in)	Rough OD <i>Minimum</i> (in)	Finished OD (1) (in)	Rough ID (in)	Min. Length before any OD/ID Transition (in)	Min. Length Recut (in)
Buttress Threads					
4 1/2	5.080	5.000	4.145	4.4375	2.572
5	5.643	5.563	4.638	4.5625	2.572
5 1/2	6.130	6.050	5.135	4.6250	2.572
7	7.736	7.656	6.610	5.0000	2.572
7 5/8	8.580	8.500	7.225	5.1875	2.572
9 5/8	10.705	10.625	9.215	5.3125	2.572
10 3/4	11.830	11.750	10.342	5.3125	2.572
11 3/4	12.830	12.750	11.335	5.3125	2.572
13 3/8	14.455	14.375	12.965	5.3125	2.572
16	17.080	17.000	15.463	5.3125	2.040
18 5/8	19.705	19.625	18.086	5.3125	2.040
20	21.080	21.000	19.461	5.3125	2.040
3P Threads					
16	18.080	18.000	15.463	5.3125	2.247
18 5/8	19.705	19.625	18.086	5.3125	2.247
20	21.080	21.000	19.461	5.3125	2.247

(1) Full OD cleanup is required

GB DWC Pins			
Pipe OD (in)	Rough/Finished OD <i>Minimum</i> (in)	Min. Length before any OD/ID Transition (in)	Min. Length Recut (in)
Buttress Threads			
4 1/2	4.516	4.813	2.572
5	5.016	4.938	2.572
5 1/2	5.516	5.000	2.572
7	7.016	5.375	2.572
7 5/8	7.641	5.563	2.572
9 5/8	9.641	5.688	2.572
10 3/4	10.766	5.688	2.572
11 3/4	11.766	5.688	2.572
13 3/8	13.391	5.688	2.572
16	16.016	5.688	2.040
18 5/8	18.641	5.688	2.040
20	20.016	5.688	2.040
3P Threads			
16	16.016	5.688	2.247
18 5/8	18.641	5.688	2.247
20	20.016	5.688	2.247

Finished ID per API Specifications for casing size and weight. shall meet API Specified ID and drift diameter.

GB CDE Box						
Pipe OD (in)	Rough OD <i>Minimum</i> (in)	Finished OD (1) (in)	Min. Length before any OD Transition (in)	Lbc Minimum (in)	Min. Length ID Bore before any ID Transition (in)	Min. Length Recut (in)
Buttress Threads						
4 1/2	5.080	5.000	6.238	4.048	1.700	4.063
5	5.643	5.563	6.363	4.173	1.700	4.188
5 1/2	6.130	6.050	6.425	4.235	1.700	4.250
7	7.736	7.656	6.800	4.610	1.700	4.625
7 5/8	8.580	8.500	6.988	4.798	1.700	4.188
9 5/8	10.705	10.625	7.250	4.985	2.000	5.000
10 3/4	11.830	11.750	7.250	4.985	2.000	5.000
11 3/4	12.830	12.750	7.250	4.985	2.000	5.000
13 3/8	14.455	14.375	7.250	4.985	2.000	5.000
16	17.080	17.000	7.250	4.985	2.000	5.000
18 5/8	19.705	19.625	7.250	4.985	2.000	5.000
20	21.080	21.000	7.250	4.985	2.000	5.000
3P Threads						
16	17.080	17.000	7.250	4.985	2.000	5.000
18 5/8	19.705	19.625	7.250	4.985	2.000	5.000
20	21.080	21.000	7.250	4.985	2.000	5.000

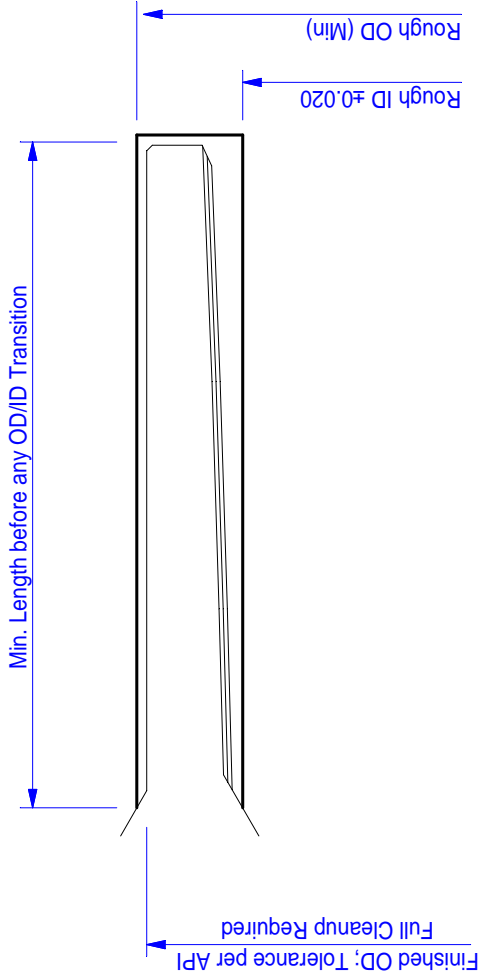
Finished ID shall meet API Specified ID and drift diameter at coupling center section per API Specifications for casing size and weight.

(1) Full OD cleanup is required

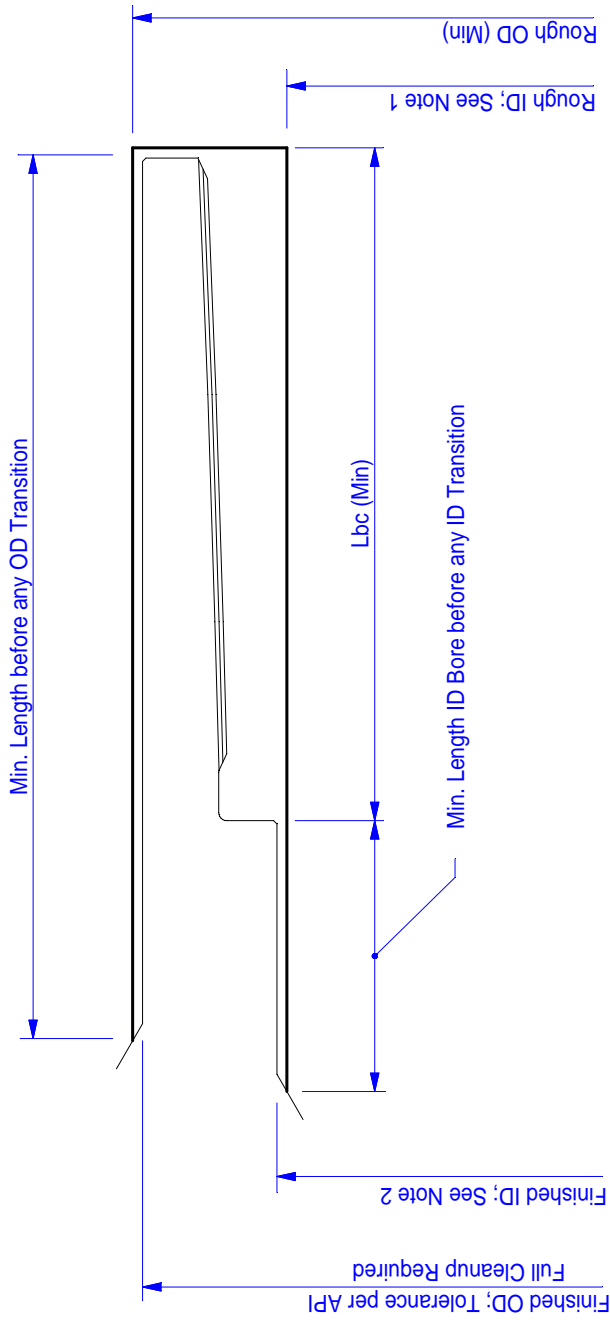
NOTE: All accessories requiring box threads shall be cut with GB CDE Boxes; NO EXCEPTIONS. Keep in mind, GB CDE Boxes are weight specific, so the ID at the center (dc) section must match the mating pipe/pin ID. Also, the center section (at pipe/pin ID) should extend at minimum 1.7" to 2" (as indicated in the table) before any ID transition in the accessory.

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Blanking Schematic for GB CD Box



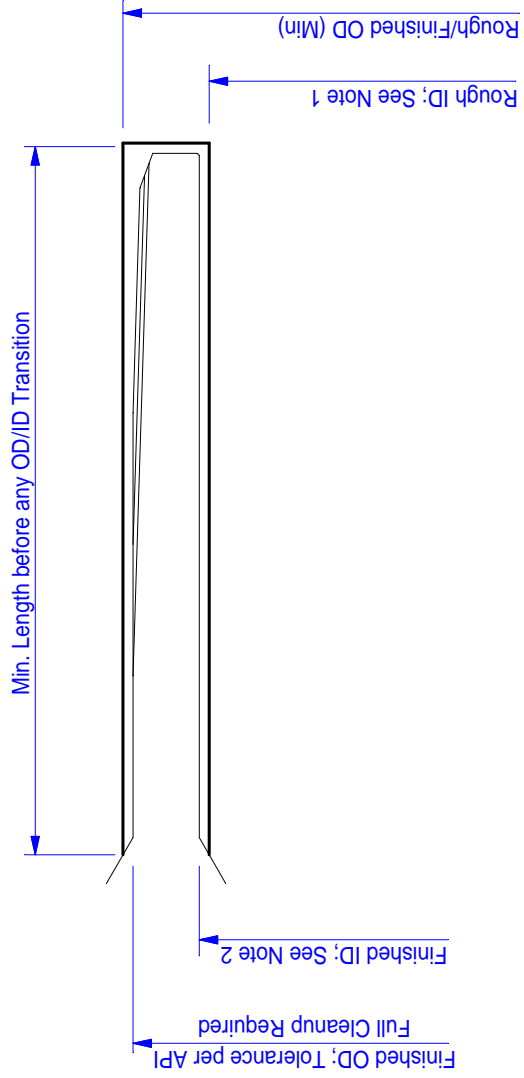
Blanking Schematic for GB CDE Box




NOTES:

1. Rough ID - Machine to API Drift Diameter for Pipe Body +0.030-0.000.
2. Finished ID - To match corresponding Pipe ID ±0.010.
3. See Table GB DWC Blanking for size specific dimensions.

Blanking Schematic for GB DWC Pins



Units: inches

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