

PENBERTHY dimensions

Section 2000
Dimensions 2706
Issued 07/05
Replaces 02/93

For: MINIMUM GAGECOCK CENTERS

Series TU Gages with Series 600 Gagecocks

FOR SIDE CONNECTED GAGES ONLY

Gage Model Number	Visible Glass in inches & [cm]	Minimum Gagecock Vessel Centers in inches [cm]	
		1/2" OR 3/4" NPT GAGE CONNECTION	
		Standard Female Rigid 630 Gagecock with Nipples	
1TU 1	3 17/32 [9.0]	4 1/4 [10.8]**	
1TU 3	5 17/32 [14.0]	6 1/4 [15.9]**	
1TU 4	6 17/32 [16.6]	7 1/4 [18.4]**	
1TU 5	7 21/32 [19.4]	8 3/8 [21.3]	
1TU 7	10 1/32 [25.5]	10 3/4 [27.3]	
2TU 1	8 7/8 [22.5]	9 5/8 [24.4]	
2TU 3	12 7/8 [32.7]	13 5/8 [34.6]	
2TU 4	14 7/8 [37.8]	15 5/8 [39.7]	
2TU 5	17 1/8 [43.5]	17 7/8 [45.4]	
2TU 7	21 7/8 [55.6]	22 5/8 [57.5]	
3TU 3	20 7/32 [51.4]	21 [53.3]	
3TU 4	23 7/32 [59.0]	24 [61.0]	
3TU 5	26 19/32 [67.5]	27 3/8 [69.6]	
3TU 7	33 23/32 [85.6]	34 1/2 [87.6]	
4TU 4	31 9/16 [80.2]	32 3/8 [82.3]	
4TU 5	36 1/16 [91.6]	36 7/8 [93.7]	
4TU 7	45 9/16 [115.7]	46 3/8 [117.8]	
5TU 5	45 17/32 [115.6]	46 1/4 [117.5]	
5TU 7	57 13/32 [145.8]	58 1/8 [147.6]	
6TU 5	55 [139.7]	55 3/4 [141.6]	
6TU 7	69 1/4 [175.9]	70 [177.8]	
7TU 5	64 15/32 [163.8]	65 1/4 [165.7]	
7TU 7	81 3/32 [206.0]	81 7/8 [208.0]	
8TU 5	73 15/16 [187.8]	74 3/4 [189.9]	
8TU 7	92 15/16 [236.1]	93 3/4 [238.1]	
9TU 5	83 13/32 [211.9]	84 1/8 [213.7]	
9TU 7	104 25/32 [266.1]	105 1/2 [268.0]	
10TU 5	92 7/8 [235.0]	93 5/8 [237.8]	
10TU 7	116 5/8 [296.2]	117 3/8 [298.1]	

**Minimum allowable Gagecock Vessel C-C is determined by assembly clearance required between upper and lower gagecocks.

**Minimum Gagecock Vessel C-C for specified Gage Model with the following gagecock:
630 = 8 [20.3]

If Gagecock vessel center to center dimension is known:

1. Find the dimension column that matches the gage connection size (example: 1/2" NPT Female Rigid)
2. Follow this column down to the dimension closest to the required gagecock center to center dimension without exceeding that dimension.
3. Take that dimension and follow the row back to the left to the GAGE MODEL NUMBER column of the style of gage required. This reflects the largest size gage that meets the required gagecock center to center dimension.

If gage model number is known:

1. Find gage model under the GAGE MODEL NUMBER column.
2. Follow that row to the right until you get to the dimension column matching the gage connection size (example: 1/2" NPT Female Rigid)
3. This represents the minimum required gagecock vessel center to center for the model of gage selected.

