

Tube Installation Accessories

Heat Exchanger & Condenser Tube Expanders Accessories



Airetool Hole Gauge for Heat Exchanger Tubes



These easy to use inline hole gauges feature three-point contact for self-centering and direct reading scale. All hole gauges furnished with test ring for scale verification. Standard reach tools up to 1" (25.4mm) include carrying case.

Tube Range: 0.500 - 2.500" O.D. (12.70 - 63.50mm)

- Graduated scale in 0.002" (.05 mm) increments for fast, accurate measurement of tube I.D.
- Each hole gauge also has the range to measure tube sheet holes in next smaller size.
- Standard adjustable reach of 6" (152.4 mm) and 12" (304.8mm) lengths.

Tube O.D.		Hole Gauge Reach*		Measurement Range	
in.	mm	6" (152.4mm)	12" (304.8mm)	in.	mm
1/2	12.7	HG-500-6 (5171001)	HG-500-12 (5171100)	.350 - .440	8.89 - 11.18
5/8	15.8	HG-625-6 (5171200)	HG-625-12 (5171300)	.440 - .545	11.18 - 13.84
3/4	19.0	HG-750-6 (5171400)	HG-750-12 (5171500)	.550 - .700	13.97 - 17.78
7/8	22.2	HG-875-6 (5171600)	HG-875-12 (5171700)	.675 - .825	17.15 - 20.96
1	25.4	HG-1000-6 (5171800)	HG-1000-12 (5171900)	.800 - .950	20.32 - 24.13
1-1/4	31.7	HG-1250-6 (5172000)	HG-1250-12 (5172100)	.955 - 1.105	24.26 - 28.07
1-3/8	34.9	HG-1375-6 (5521640)	HG-1375-12 (5521640)	1.060 - 1.220	26.92 - 30.99
1-1/2	38.1	HG-1500-6 (5518603)	HG-1500-12 (5519614)	1.200 - 1.430	30.48 - 36.22
1-3/4	44.5	HG-1750-6 (5521886)	HG-1750-12 (5524917)	1.450 - 1.610	36.83 - 40.89
2	50.8	HG-2000-6 (5521825)	HG-2000-12 (5521143)	1.700 - 1.930	43.18 - 49.02
2-1/2	63.5	HG-2500-6 (5521098)	HG-2500-12	2.130 - 2.360	54.10 - 59.94

*Longer reaches available on request



Airetool (TSHB) Tube Sheet Hole Brush

Tube Sheet Hole Brushes are used to clean and polish the inside surface of the tube sheet holes prior to tube stuffing process.

Model Number	Order Number	Hole Size (in.)	
		in.	mm
TSHB-1/2	1716654	0.500	12.7
TSHB-5/8	1716655	0.625	15.9
TSHB-3/4	1716656	0.750	19.0
TSHB-7/8	1716657	0.875	22.2
TSHB-1	1716658	1.000	25.4
TSHB-1-1/4	1716659	1.250	31.8
TSHB-1-1/2	1717065	1.500	38.1



Airetool (BTG) Tube Guide

Tube guides have a tapered aluminum pilot with a replaceable nylon brush and are used to guide tubes through tube sheets and support plate holes.

- Nylon brush fits in the tube end, holding pilot firmly in place.
- Speeds "tube stuffing" process which can lower installation costs.
- Prevents damage to the tube end reducing rework and scrap materials.

Tube O.D.		Gauge	Model Number	Order Number
in.	mm			
1/2	12.7	16-18	BTG 050 1618 TUBE GUIDE BTG-1	5342004
1/2	12.7	19-20	BTG 050 1920 TUBE GUIDE BTG-2	5342006
1/2	12.7	21-23	BTG 050 2123 TUBE GUIDE BTG-2-1/2	5515585
5/8	15.8	12-13	BTG 062 1213 TUBE GUIDE BTG-3	5342008
5/8	15.8	14-16	BTG 062 1416 TUBE GUIDE BTG-4	5342010
5/8	15.8	17-20	BTG 062 1720 TUBE GUIDE BTG-5	5342012
5/8	15.8	19-22	BTG 060 1922 TUBE GUIDE	5526534PT
5/8	15.8	22-24	BTG 062 2224 TUBE GUIDE BTG-5-1/2	5512197
3/4	19	10-12	BTG 075 1012 TUBE GUIDE BTG-6	5342014
3/4	19	13-16	BTG 075 1316 TUBE GUIDE BTG-7	5342016
3/4	19	17-20	BTG 075 1720 TUBE GUIDE BTG-8	5342018
3/4	19	22-24	BTG 075 2224 TUBE GUIDE BTG 8-1/2	5515738
7/8	22.2	10-12	BTG 087 1012 TUBE GUIDE BTG 9	5342020PT
7/8	22.2	13-16	BTG 087 1316 TUBE GUIDE BTG-10	5342022
7/8	22.2	17-20	BTG 087 1720 TUBE GUIDE BTG-11	5342024
7/8	22.2	21-22	BTG 087 2122 TUBE GUIDE BTG 11-1/2	5342026
1	25.4	8-9	BTG 100 89 TUBE GUIDE BTG-12-1/2	5516015
1	25.4	10-12	BTG 100 1012 TUBE GUIDE BTG 12	5342028
1	25.4	13-16	BTG 100 1316 TUBE GUIDE BTG 13	5342030
1	25.4	17-20	BTG 100 1720 TUBE GUIDE BTG 14	5342032
1	25.4	21-23	BTG 100 2123 TUBE GUIDE BTG 14-1/2	5512141
1 - 1/4	31.8	10-13	BTG 125 1013 TUBE GUIDE BTG 15	5342034
1 - 1/4	31.8	14-20	BTG 125 1420 TUBE GUIDE BTG 16	5342036
1 - 1/2	38.1	9-13	BTG 150 913 TUBE GUIDE	5342038
1 - 1/2	38.1	14-20	BTG 150 1420 TUBE GUIDE	5342040

Other sizes are available upon request. Pilots made of other materials also available. A minimum order quantity of 50 per size applies for special sizes or materials.