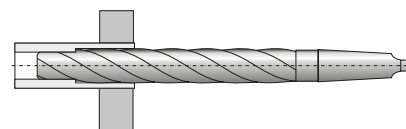


Tube wall reducing tool

The WTRT is a tube sheet reamer manufactured from high-speed steel (HSS), featuring a Morse Taper shank and a centralizing pilot ground to match the specific tube gauge. The tool is designed to reduce the outer diameter of tubes prior to their removal from the tube sheet, enabling clean extraction without damaging the tube sheet bore.

During the reaming process, tubes should be drilled to approximately 80% of the tube sheet thickness. This ensures sufficient material removal for tube release while preserving the structural integrity of the tube sheet.

The WTRT is intended for use with the KDM pneumatic drill.



TUBE O.D.		TUBE GAUGE	TUBE I.D.		TOOL NO.	MORSE TAPER	TUBE SHEET THICKNESS	
[INCH]	[MM]	[BWG]	[INCH]	[MM]			[INCH]	[MM]
1/2	12,7	16	0,370	9,40	WTRT-1	2	2-7/8"	73
		17	0,384	9,75	WTRT-2	2	2-7/8"	73
		18	0,402	10,21	WTRT-3	2	2-7/8"	73
		19	0,415	10,56	WTRT-4	2	2-7/8"	73
5/8	15,8	12	0,407	10,34	WTRT-5	2	3-3/8"	86
		13	0,435	11,05	WTRT-6	2	3-3/8"	86
		14	0,459	11,66	WTRT-7	2	3-3/8"	86
		15	0,481	12,22	WTRT-8	2	3-3/8"	86
		16	0,495	12,57	WTRT-9	2	3-3/8"	86
		18	0,527	13,39	WTRT-10	2	3-3/8"	86
3/4	19	10	0,482	12,24	WTRT-11	2	4-3/8"	111
		11	0,510	12,95	WTRT-12	2	4-3/8"	111
		12	0,532	13,51	WTRT-13	2	4-3/8"	111
		13	0,560	14,22	WTRT-14	2	4-3/8"	111
		14	0,584	14,83	WTRT-15	2	4-3/8"	111
		15	0,606	15,39	WTRT-16	2	4-3/8"	111
		16	0,620	15,75	WTRT-17	2	4-3/8"	111
		18	0,652	16,56	WTRT-18	2	4-3/8"	111
7/8	22,2	10	0,607	15,42	WTRT-19	2	4-5/8"	117
		11	0,635	16,13	WTRT-20	2	4-5/8"	117
		12	0,657	16,69	WTRT-21	2	4-5/8"	117
		13	0,685	17,40	WTRT-22	2	4-5/8"	117
		14	0,709	18,01	WTRT-23	2	4-5/8"	117
		15	0,731	18,57	WTRT-24	2	4-5/8"	117
		16	0,745	18,92	WTRT-25	2	4-5/8"	117
		18	0,777	19,74	WTRT-26	2	4-5/8"	117

TUBE O.D.		TUBE GAUGE	TUBE I.D.		TOOL NO.	MORSE TAPER	TUBE SHEET THICKNESS	
[INCH]	[MM]	[BWG]	[INCH]	[MM]			[INCH]	[MM]
1	25,4	8	0,670	17,02	WTRT-27	3	5-1/2"	140
		10	0,732	18,59	WTRT-28	3	5-1/2"	140
		11	0,760	19,30	WTRT-29	3	5-1/2"	140
		12	0,782	19,86	WTRT-30	3	5-1/2"	140
		13	0,810	20,57	WTRT-31	3	5-1/2"	140
		14	0,834	21,18	WTRT-32	3	5-1/2"	140
		15	0,856	21,74	WTRT-33	3	5-1/2"	140
		16	0,870	22,10	WTRT-34	3	5-1/2"	140
		18	0,902	22,91	WTRT-35	3	5-1/2"	140
		8	0,92	23,37	WTRT-36	3	5-1/2"	140
1-1/4	31,7	10	0,982	24,94	WTRT-37	3	5-1/2"	140
		11	1,010	25,65	WTRT-38	3	5-1/2"	140
		12	1,032	26,21	WTRT-39	3	5-1/2"	140
		13	1,060	26,92	WTRT-40	3	5-1/2"	140
		14	1,084	27,53	WTRT-41	3	5-1/2"	140
		16	1,12	28,45	WTRT-42	3	5-1/2"	140
		18	1,152	29,26	WTRT-43	4	5-1/2"	140
		8	1,170	29,72	WTRT-44	4	5-1/2"	140
1-1/2	38,1	10	1,232	31,29	WTRT-45	4	5-1/2"	140
		11	1,260	32,00	WTRT-46	4	5-1/2"	140
		12	1,282	32,56	WTRT-47	4	5-1/2"	140
		13	1,310	33,27	WTRT-48	4	5-1/2"	140
		14	1,334	33,88	WTRT-49	4	5-1/2"	140
		16	1,370	34,80	WTRT-50	4	5-1/2"	140