



TOOL BITS



1/8"x3/8"x1/8"



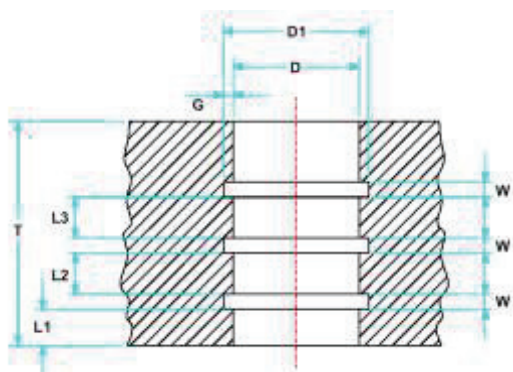
1/8"x1/4"x1/8"

Features

- High Production Tool
- Ideal for use where 1 Tool is Needed per Bore.
- Tool is ideally suited for CNC Application

TUBE OD		TOOL MODEL NO	SPARE TOOL BITS		
Inch	mm		1/8"x3/8"x1/8" SPACING	1/8"x1/4"x1/8" SPACING	SPECIAL SPACING
3/8"	9.53	ST-375-970	ST-3703	ST-3703-S	ST-3703-SP
1/2"	12.70	ST-500-1270	ST-5003	ST-5003-S	ST-5003-SP
5/8"	15.87	ST-625-1588	ST-6203	ST-6203-S	ST-6203-SP
3/4"	19.05	ST-750-1900	ST-7503	ST-7503-S	ST-7503-SP
7/8"	22.22	ST-875-2220	ST-7503	ST-7503-S	ST-7503-SP
1"	25.40	ST-1000-2540	ST-7503	ST-7503-S	ST-7503-SP
1.1/4"	31.87	ST-1250-3187	ST-7503	ST-7503-S	ST-7503-SP
1.1/2"	38.10	ST-1500-3810	ST-7503	ST-7503-S	ST-7503-SP
2"	50.80	ST-2000-5080	ST-7503	ST-7503-S	ST-7503-SP
2.1/2"	63.50	ST-2500-6350	ST-7503	ST-7503-S	ST-7503-SP

Need Following Information When Ordering
Grooving Tools or Spare Cutters.



- Bore Dia after reaming with Tolerance D
- Tube Sheet (Plate) Thickness T
- Distance of First Groove L1
- Spacing of Grooves L2, L3
- Total Number of Grooves N
- Groove width W
- Diameter of Groove D1



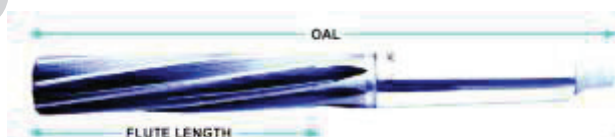
Features :

- Simple to change Cutter for Different Groove Shape.
- Changing of Pilot Nose and Cutter allows Tool to cover Range of Hole Diameters.
- Depth of cut easy to adjust.
- Life of the cutter Extendable by re-sharpening.

Bore Diameter		Tool Model No	Pilot Nose Model No	Circular Form Cutter Model No	Tool Bit Holder Model No	Spare Tool Bit Model No
mm	inch					
9 – 32	3/8 – 1.1/4	1 NW – 2 MT	1 NW – PN	1 NW – CF	1 NW – TBH	1 NW – TB
16 – 45	5/8 – 1.3/4	2 NW – 3 MT	2 NW – PN	2 NW – CF	2 NW – TBH	2 NW – TB
19 – 48	3/4 – 1.7/8	4 NW – 4 MT	4 NW – PN	4 NW – CF	4 NW – TBH	4 NW – TB
38 – 102	1.1/2 – 4	6 NW – 5 MT	6 NW – PN	6 NW – CF	6 NW – TBH	6 NW – TB

NOTE: Specify whether you need Circular Form Cutter (one Piece) or Tool Bit Holder with Tool Bit, when ordering.

TUBE HOLE REAMER



Features :

- Ideal for Heat Exchanger & Condenser Tube Sheet Reaming.
- Reamer Available in Metric & SAE size.
- Please enquire for Special Length or Diameter.

Tube O. D. Inch.	Reamer Size Inch.	Flute Length mm	OAL mm	Morse Taper
3/8"	0.380	66.0 / 101.0 / 152.0	146.0 / 151.0 / 232.0	1
1/2"	0.505	76.0 / 101.0 / 152.0	156.0 / 181.0 / 232.0	1
5/8"	0.631	87.0 / 152.0 / 203.0	187.0 / 252.0 / 303.0	2
3/4"	0.758	100.0 / 152.0 / 203.0	200.0 / 252.0 / 303.0	2
7/8"	0.883	107.0 / 152.0 / 203.0	207.0 / 252.0 / 303.0	2
1"	1.010	115.0 / 203.0 / 245.0	242.0 / 330.0 / 381.0	3
1.1/8"	1.136	124.0 / 230.0 / 254.0	251.0 / 330.0 / 381.0	3
1.1/4"	1.262	133.0 / 203.0 / 254.0	293.0 / 363.0 / 414.0	4