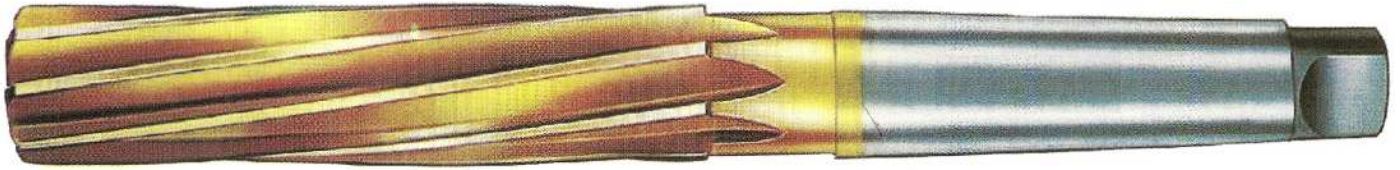




## TUBE SHEET – HOLE REAMERS



Dynaflex High Speed Steel CRYO PROCESSED long fluted Machine Reamer to IS:5445 having virtually parallel cutting edges with bevel lead integral with taper shank, ideal for the smooth and accurate reaming of clearance in holes tube sheets.

### Condenser and Heat Exchanger Tube Sheet Reamers to meet 'TEMA' specification.

TUBE O.D.		REAMER SIZE TO MEET TEMA SPECIFICATION		FLUTE LENGTH	MORSE TAPER
INCH	MM	INCH	MM		
3/8"	9.53	0.380	9.65	66	1
1/2"	12.70	0.505	12.83	76	1
5/8"	15.87	0.631	16.03	87	2
-	16.00	0.636	16.16	87	2
3/4"	19.05	0.758	19.25	100	2
-	20.00	0.795	20.20	100	2
7/8"	22.22	0.883	22.42	107	2
-	25.00	0.994	25.25	115	3
1"	25.40	1.010	25.65	115	3
1 1/8"	28.57	1.136	28.85	124	3
1 1/4"	31.75	1.262	32.05	133	4

Cryo Processed reamers increase on life 200 - 300% more.

# GROOVING TOOLS (SERRATING TOOLS)



For machining grooves in tube sheet holes of Heat Exchanger/Condenser tube sheets.

- Compact design permits the tool to be easily used on portable drives.
- Interchangeable standard cutting tools to suit all models.
- Only light pressure is required to cut precision grooves.
- Simple fast and accurate adjustments for locating the grooves and controlling the depth of cut are incorporated.
- Designed to use with CNC machines.

## SPECIFICATIONS

### Cutters



Inter changeable Cutting Tools available. Standard Groove spacing, (3 - 6 - 3.)

Cutters supplied as per customer's specifications.

MODEL	TO SUIT TUBE O.D.		REAMED HOLE - DIA	DEPTH ADJUSTABLE	MORSE TAPER
	INCH	MM			
ST - 1580	5/8"	-	16.04	3 to 35 mm	MT - 2
ST - 1600	-	16.00	16.20	3 to 35 mm	MT - 2
ST - 1900	3/4"	19.00	19.25	3 to 35 mm	MT - 3
ST - 2000	-	20.00	20.20	3 to 35 mm	MT - 3
ST - 2220	7/8"	22.20	22.40	3 to 35 mm	MT - 3
ST - 2500	-	25.00	25.25	3 to 35 mm	MT - 3
ST - 2540	1"	25.40	25.65	3 to 35 mm	MT - 3

## TUBE ENDFACERS



This tool is suitable for facing tube ends flush to the tube sheet by the addition of a shroud will trim tube ends which project from tube sheet. By changing the pilot bush, the tool can be adapted to suit any particular gauge for a specific size.

TUBE O.D.		GAUGE SWG	MODEL
INCH	MM		
1/2	12.70	15 - 20	TEF - 127
5/8	15.80	14 - 20	TEF - 158
3/4	19.05	10 - 22	TEF - 190
7/8	22.20	10 - 22	TEF - 222
1	25.4	10 - 20	TEF - 254
1 1/4	31.75	10 - 18	TEF - 317
1 1/2	38.1	10 - 18	TEF - 381

Facers supplied with Hexagonal Shanks. Facers also available with Round Shank and Morse Taper / Square Shank.

## TUBE GUIDE (PILOT)

Size available 1/2" to 2" OD Tubes.

The plug consists of an aluminium tapered nose with a replaceable nylon brush attached for easy inserting of tubes required to pass through tube sheets & baffle plates.



## FLARING TOOLS

Size available 1/2" to 1.1/2" OD Tubes.

For flaring of tube projection after expansion.

