

Surface Conditioning Stars

Applying the flexibility of FD Surface Conditioning materials, mandrel mounted stars easily conform to hard-to-reach tube, pipe or other inside diameter cylindrical parts. The light weight and flexibility prevents gouging, marring, or unintentionally changing the dimensions of the workpiece.

Features

- ▶ Deburring cut tube or drilled holes
- ▶ Inside diameter smoothing, cleaning & polishing
- ▶ Cleaning or chamfering recessed areas



▶ Superior Support



Flex shaft tools are used for extended depths or routing stars through curved tubing or pipe. Mandrel extensions are used well for boring & shaping, cleaning or deburring of tubes, drilled holes or cylindrical parts of moderate depth or slightly out of reach.

FD FINISH DUTY MANDREL MOUNTED STARS

Diameter	Eyelet	Max RPM	Optimal RPM	Std. Pkg.	CRS	MED	VFN
1-1/2"	1/4"-20	23,000	8,500	50	28832	28833	28834
2"	1/4"-20	23,000	7,000	50	28835	28836	28837
3"	1/4"-20	20,000	4,500	25	28838	28839	28840
4"	1/4"-20	12,000	3,500	25	28841	28842	28843

● Ferrous ● Non-Ferrous ● Stainless ● Exotic Alloys ● Plastics ● Composites



EYELET MANDRELS

Rust proof black oxide finish. Quickly secures to stars.

Overall Length	Shank Diameter	Fits Thread	Std. Pkg.	Part #
3"	1/4"	1/4"-20	1	12219
6"	1/4"	1/4"-20	1	42815



MANDREL EXTENSIONS

Overall Length	Shank Diameter	Fits Thread	Std. Pkg.	Part #
4"	1/4"	1/4"-20	1	39207
6"	1/4"	1/4"-20	1	39208
8"	1/4"	1/4"-20	1	39209