

Large Diameter Cross Hole Part



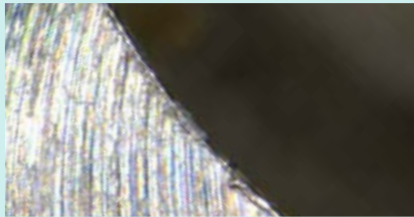
Workpiece information

Industry	Aerospace
Part name	Large Diameter Cross Hole
Material type	17-4 Stainless Steel
Cutting process	Deburring ID Hole

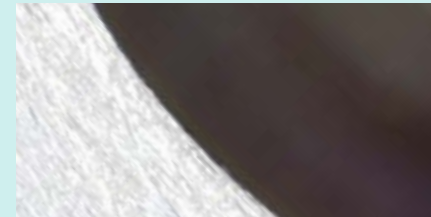
Processing conditions

Tool	XEBEC™ Brush Surface (A11-CB40M)
Processing detail	Deburring of large inner diameter of hole.
Spindle Speed	2,800 RPM
Brush Projection Specified for Inner Diameter Application	3.15"
Flared Target Diameter	4.5"

Before



After



For large diameter cross holes, XEBEC™ Brush Surface and Sleeve can be used similarly to XEBEC™ Crosshole Brush.

Allow calculated brush projection amount to achieve optimal flare from centrifugal force to the target diameter.



For more information about this unique application, see page 29 of Xebec Deburring Technologies 2019 Catalog.



Tool > XEBEC Brush™ Surface

Ideal for deburring, cutter mark removal and polishing on surface

