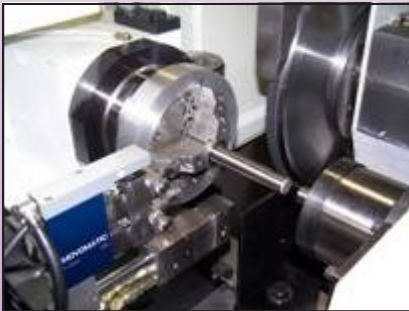




MIDAS 320S Peel Grinder Case Study



Customer:	Aerospace Fastener Manufacturer	Application: Tapered Bolt Grind (Inconel 718)
Configuration:	Straight wheel, CBN (vitrified) 3-Jaw chuck, pneumatic In-process sizing gage Hydraulically operated tailstock, live spindle High-pressure wheel cleaner	
Process:	High-speed “peel” grind: multi-pass. Grinds head-end shoulder, fillet radius, tapered body diameter, transition angle, thread-roll diameter, & nose-end angle	
Attributes:	Diameter tolerance +/- .0002” Surface finish 16 Ra	
Notable:	No wheel change required between part numbers	
Featuring:	SBS automatic wheel balancer, GE Fanuc 18i CNC control, Movomatic in-process gage, Encyclon cyclonic coolant filtration systems, Air flow mist collector, Universal Superabrasives vitrified CBN grinding wheel & rotary diamond dresser, Dittel acoustic sensor	