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Category	Grinders – Cutter, Hob	
Manufacturer	Star	
Model	4HHS	
Serial Number	1122	
Year	Rebuilt by Star In 2006	
Control	Fanuc Powermate	
Maximum Hob Diameter	10.00 in	254.00 mm
Maximum Hob Length	12.00 in	304.80 mm
Z Travel	19.00 in	482.60 mm
Maximum Z Roughing Feed	100 in/min	2540 mm/min
Minimum Z Roughing Feed	.01 in/min	0.25 mm/min
Maximum Z Finishing Feed	100 in/min	2540 mm/min
Minimum Z Finishing Feed	.01 in/min	0.25 mm/min
Rotary A Index Spacing	1 - 999 Teeth	
Rotary A Index Speed	20 RPM	
Smallest Resolution Angular	.001 Degree	
Feedback Resolution Angle	.0005 Degree	
Grinding Sheel Diameter Maximum	8.00 in	203.20 mm
Grinding Wheel Speed	5400 sq. ft./min, 1645.00 m/min	
Coolant	Self Contained 30 - 40 GPM	
Power	Existing	
Additional	Ball screws, Trabon lube system	
Machine Length	146.00 in	3708.40 mm

Machine Width	108.00 in	2743.20 mm
Machine Height	80.00 in	2032.00 mm
Condition	Excellent – Only Several Months of Use Since Factory Rebuild	

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