

teco – werkzeugmaschinen gmbh & co kg

Westring 1 D-40721 Hilden
Telefax: + 49 (0) 2103 3682- 20/ -21
e-mail: teco-werkzeugmaschinen @ megabit.net

Nearest Airport: DÜSSELDORF
Telefon: + 49 (0) 2103 3682-0
Internet: http:// www.teco-germany.com

Subject to prior sale and our delivery conditions we can offer:

Stock-No 6199

GLEASON NO 116 hypoid gear rougher, 1965, S/N 633709

Condition: Gleason rebuild

It is a high speed machine for rough cutting automotive type hypoid and spiral bevel pinions to very close tolerances, such as used in passenger cars, trucks, busses, and tractors.

CAPACITY:

Max cone distance, (30° spiral angle 12" cutter).....	9"	or	228 mm
Extreme ratio.....			10:1
Max gear pitch diameter (30° spiral angle)			
10:1 ratio.....	18"	or	457 mm
2:1 ratio.....	16"	or	406 mm
1:1 ratio.....	12.75"	or	323 mm
Coarsest diametral pitch.....	2	or	12.7 Module
Max full depth.....	1"	or	25.4 mm
Max face width.....	2.75"	or	69.9 mm
Number of teeth.....		or	5 - 150

WORK SPINDLE:

Diameter of taper hole at large end.....	3 29/32"	or	99,219 mm
Taper per foot.....	39/64"	or	15,478 mm
Depth of taper.....	6"	or	152,4 mm
Diameter of hole through spindle.....	3 1/16"	or	77,788 mm
Diameter of spindle nose.....	5 1/2"	or	139,7 mm
DIAMETERS OF CUTTERS"	6", 7.5", 9" & 12" (127-304,8 mm)		

WORK HEAD SETTINGS:

Max offset above and below centre	4.5"	or	114,3 mm
Distance machine centre to nose of spindle:			
Max.....	13.5"	or	343 mm
Min.....	2.5"	or	64 mm

SPEEDS & FEEDS:

Cutter speeds.....	17 - 138 rpm
Feeds (seconds per tooth).....	9 - 84

ELECTRICAL EQUIPMENT:

Feed motor.....	5 HP @ 1500 rpm
Hydraulic motor.....	0.75 HP @ 1500 rpm
Coolant motor.....	0.5 HP @ 3000 rpm
APPROXIMATE NETT WEIGHT.....	24,200 lbs
Space requirement (LxWxH)	198x256x162 cm

Complete with:-

Modified cradle roll.
Chamfering attachment for pinions fitted to workhead.
Hydraulic chucking.
Feed cam No.43300840.
Coolant.
Magnetic chip conveyor.
Electrics 220/380, 3, 50. (Dual wired)
METRIC machine.

Fitted with:-

Change gears: **To be advised.**
Straight:- Ratio roll, Workhead
Helical:- Cutter speed
Feed
Final reduction
Cradle roll
Modified roll

Price:

Ex our warehouse, unpacked, uninsured, f. o. t..

€ _____,-

teco-werkzeugmaschinen GmbH & Co KG