

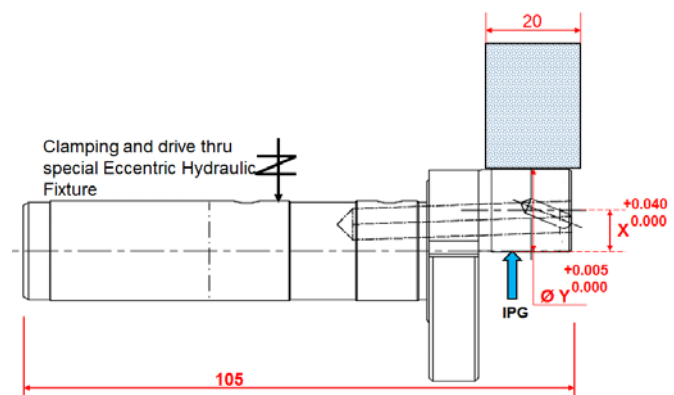
MASTER ABRASIVES

CASE STUDY

#1042

Cylindrical Grinding Machine

Workpiece:	Compressor Eccentric Shaft
Operation:	Eccentric Pin Grinding
Machine:	Micromatic Stallion SM 40 CNC
Grinding Time:	30 seconds
Stock Removal:	0.4mm on OD
OD Size Control:	Within 2 microns (tolerance 5 microns)
Eccentricity Control:	Within 5 microns
Roundness:	Within 1.5 microns
Taper:	Within 1 micron
Surface Roughness:	Within 0.2 μ Ra
Dressing Skip:	10 components



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