

Master Specifications

TDI Reference: #64461

Description: Engine Lathe

Manufacturer: Monarch

Model: 91

Year: 1984

Control Type:

HORSEPOWER: 60

SPEED RANGE: 6 TO 750 RPM

THREADING CAPABILITIES: ½ " TO 28 TPI

FEED RANGE: .0889 TO 4.9784 (APPROX. .003+ TO. 190+)

MAXIMUM LENGTH OF PART FOR PLUGGING: 276" OR 23 FEET

CHUCK CAPACITY: 2" TO 15 ¼" (INSIDE HOUSINGS) APPROX. 24" OUTSIDE OF HOUSINGS
BEFORE JAWS HIT HEADWAYS

MAXIMUM DIAMETER OVER WAYS: 44.750

MAXIMUM DIAMETER OVER CARRIAGE: 18"

MAXIMUM DIAMETER OVER CROSS SLIDE: 14 ½"

MAXIMUM ROLL WEIGHT: 40,000 LBS.

LARGE STEADY REST CAPACITY: 19 TO 30" WEIGHT CAPACITY: 40,000 LBS PART

SMALL STEADY REST CAPACITY: 6 TO 18" WEIGHT CAPACITY: 40,000 LBS PART

ROLLER REST DEPTH: 23 ¾" DIAMETER CAPACITY: 3 ½ " TO 18 7/8"
WEIGHT CAPACITY: 40,000 LBS. PART

COOLANT CAPACITY: 85 GALLONS



TOOL HOLDERS AND ASSOCIATED HARDWARE

BRAND	DESCRIPTION	INSERT	CLAMP	CLAMP SCREW	INSERT SCREW OR PIN	SHIM
Center drill AMEC	AMEC 3" spade, 2" shank	3" Spade bit				
Sandvik	Facing tool MSSNL 5050T 25	Stellram SNMG866	181.38- 826-1		181.38-824	181.38-552
Valenite	2" Boring bar BH-NV-240	Stellram CNMG643A	NC3ACL	CSC2B	H-511-1C	SCN-64A
Valenite	Threading tool GTB 150	Greenleaf TNMC43NTA(5P) Greenleaf TNMC43NVA(60Deg.)			SD-2	

