

# CARBIDE SINGLE ROLLER BURNISHING TOOLS

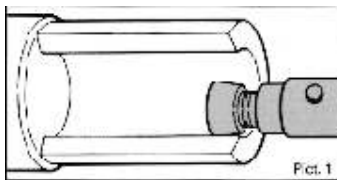
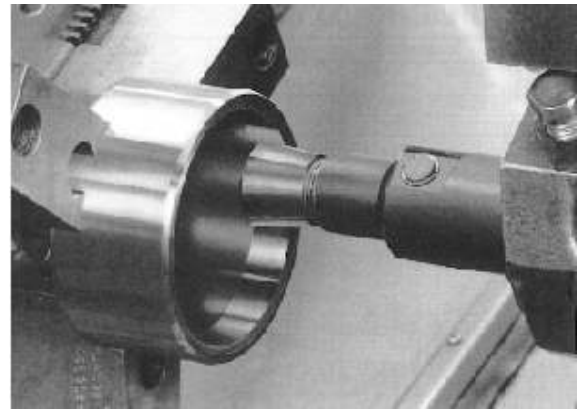


**MECH-INDIA**

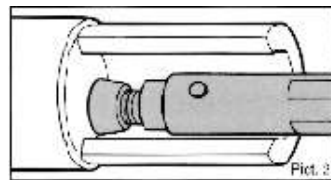
# Carbide Single Roller Burnishing Tools SRI Series

## Features

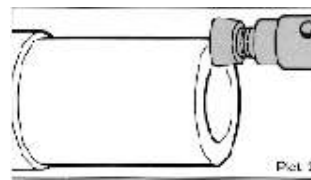
- Speed of burnishing is same as turning speed
- Achievable surface finish upto  $0.15 \mu\text{Ra}$
- Long tool life because of carbide roller
- Hardened component upto 40Rc can be burnished



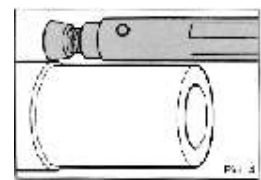
ID Burnishing



ID Bottom Face Burnishing



Face Burnishing

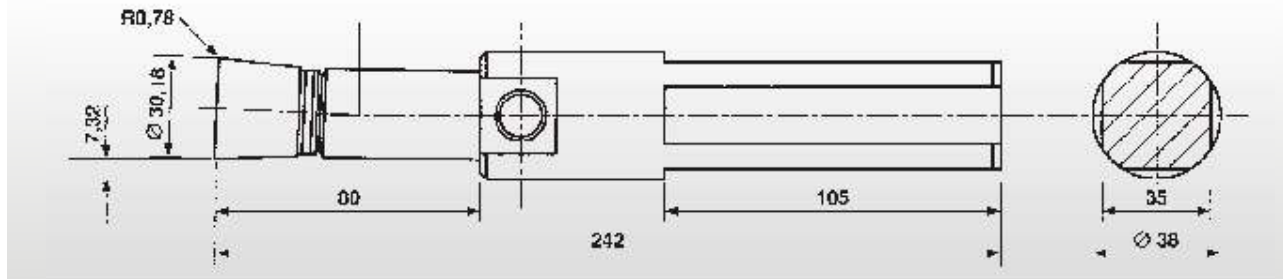


OD & Shoulder burnishing

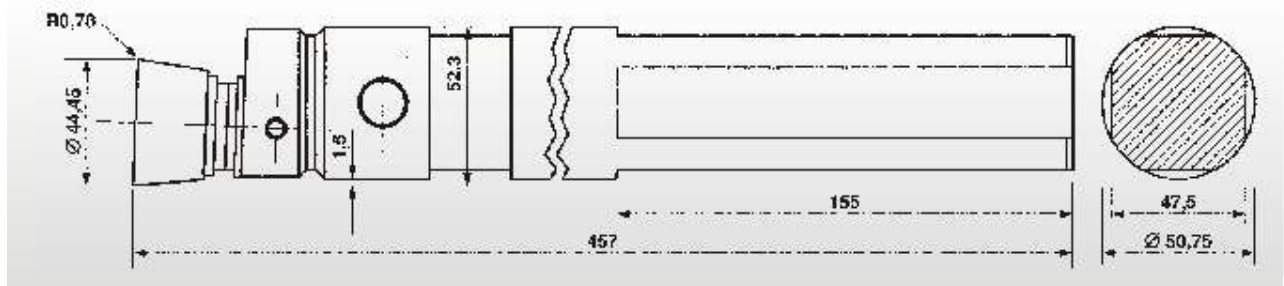
Mech-India Carbide Single Roller Burnishing Tool have carbide roller mounted on bearing that rotates on hardened and ground axle. The carbide roller is spring loaded in the two axial directions for having the right pressure during the burnishing operation. The worn out carbide roller can be reconditioned by regrinding / lapping thus giving long tool life.

## Carbide Single Roller Burnishing Tools SRI Series

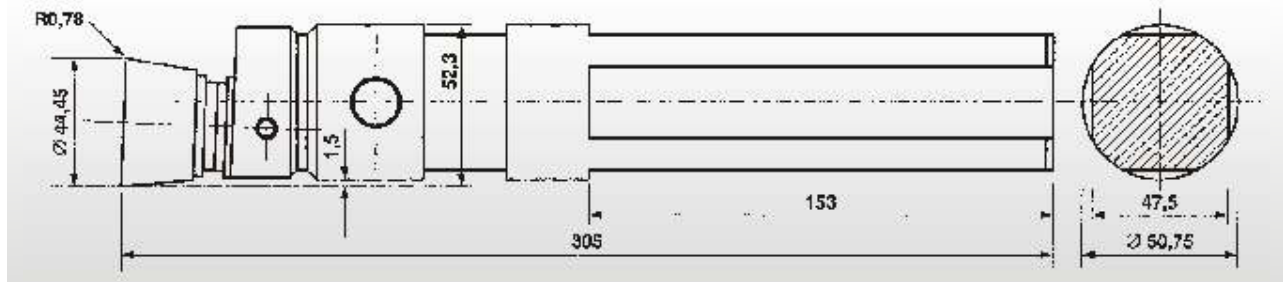
Model : SRI 30 SQ35 R75



Model : SRI 45 SQ47 R300



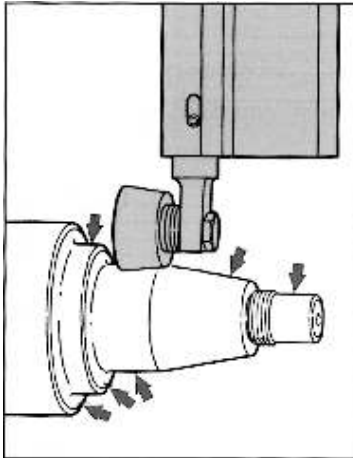
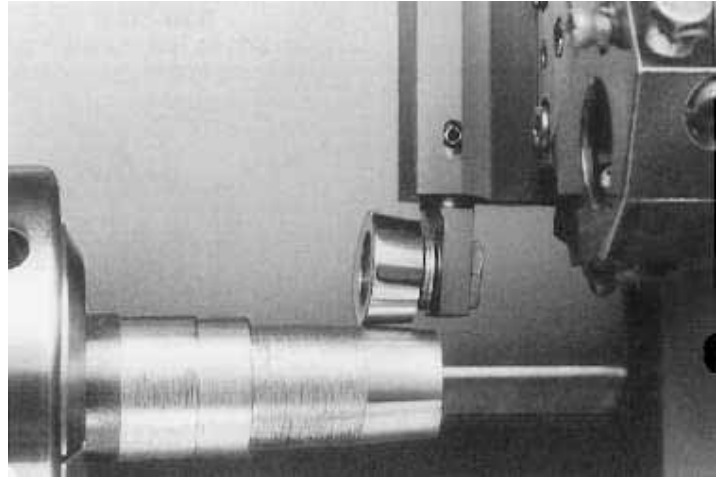
Model : SRI 45 SQ47 R150



# Carbide Single Roller Burnishing Tools SRL Series

## Features

- Low operating cost as less handling of parts
- Suitable for most CNC machines
- Longer tool life because roller is made of carbide
- Very high surface finish 0.1 to 0.2  $\mu\text{Ra}$  can be achieved

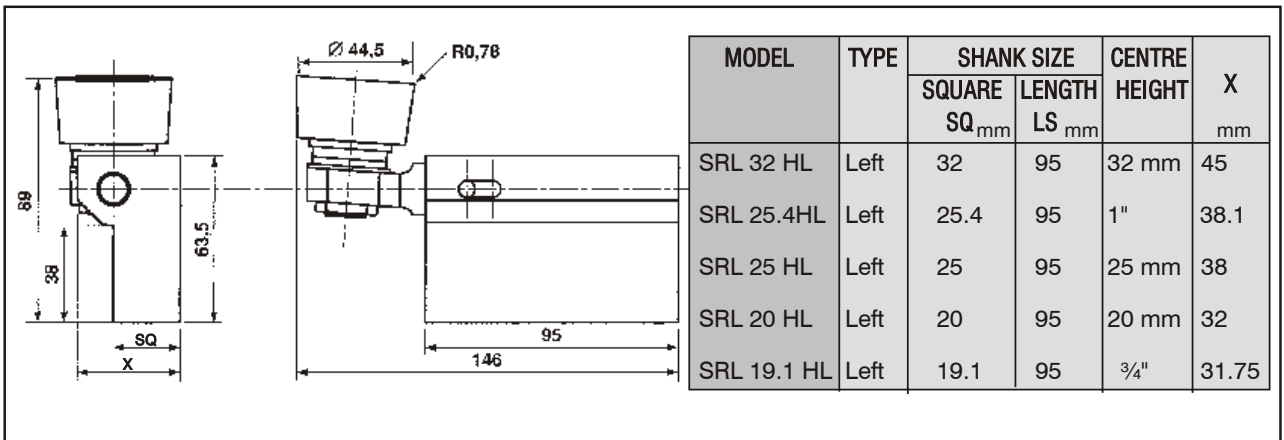


## Applications :

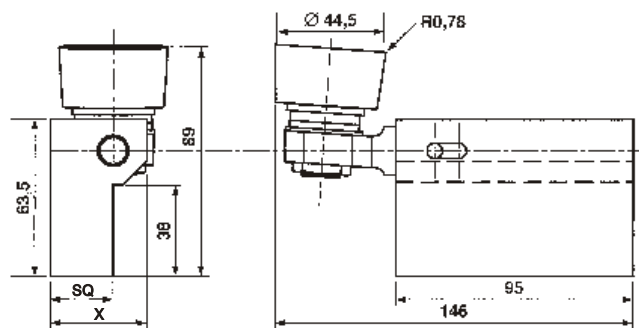
The tool with carbide Roller is suitable for all outside surfaces including ODs of shafts, taper shaft, radii, shoulders etc. and can be used on CNC lathes, turret or conventional lathes. The turned surface can be burnished upto 0.1 - 0.2  $\mu\text{Ra}$ .

The tool, put in working position, follows the same way carried out by turning with the same RPM to obtain desired surface finish.

This changes your CNC turning centre to finishing centre by using Mech-India Carbide Single Roller Burnishing Tool.

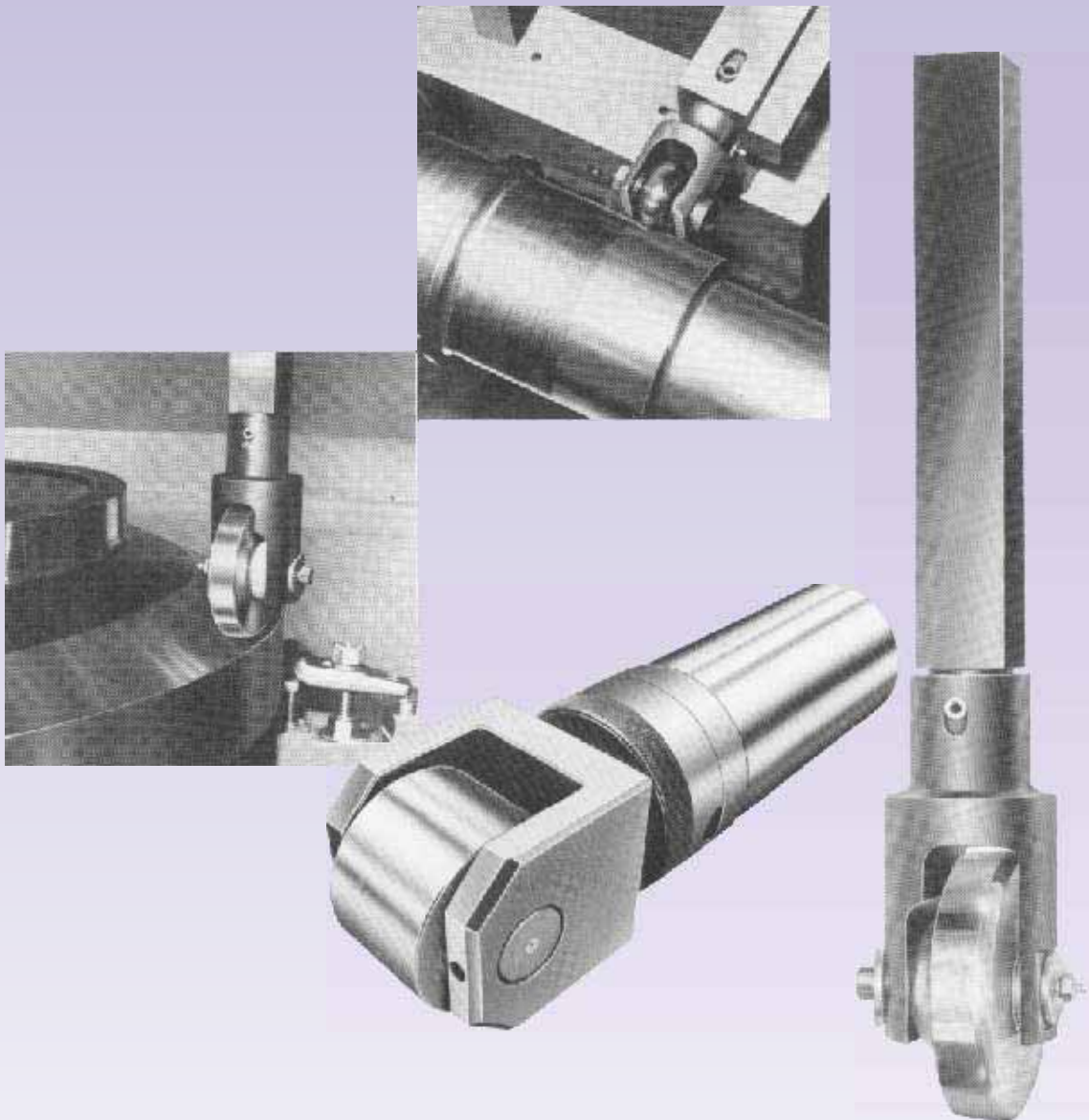


MODEL	TYPE	SHANK SIZE		CENTRE HEIGHT	X
		SQUARE SQ <sub>mm</sub>	LENGTH LS <sub>mm</sub>		
SRL 32 HR	Right	32	95	32 mm	45
SRL 24.4HR	Right	25.4	95	1"	38.1
SRL 25 HR	Right	25	95	25 mm	38
SRL 20 HR	Right	20	95	20 mm	32
SRL 19.1HR	Right	19.1	95	3/4"	31.75



# Carbide Single Roller Burnishing Tools SRP Series

Plunger Type



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