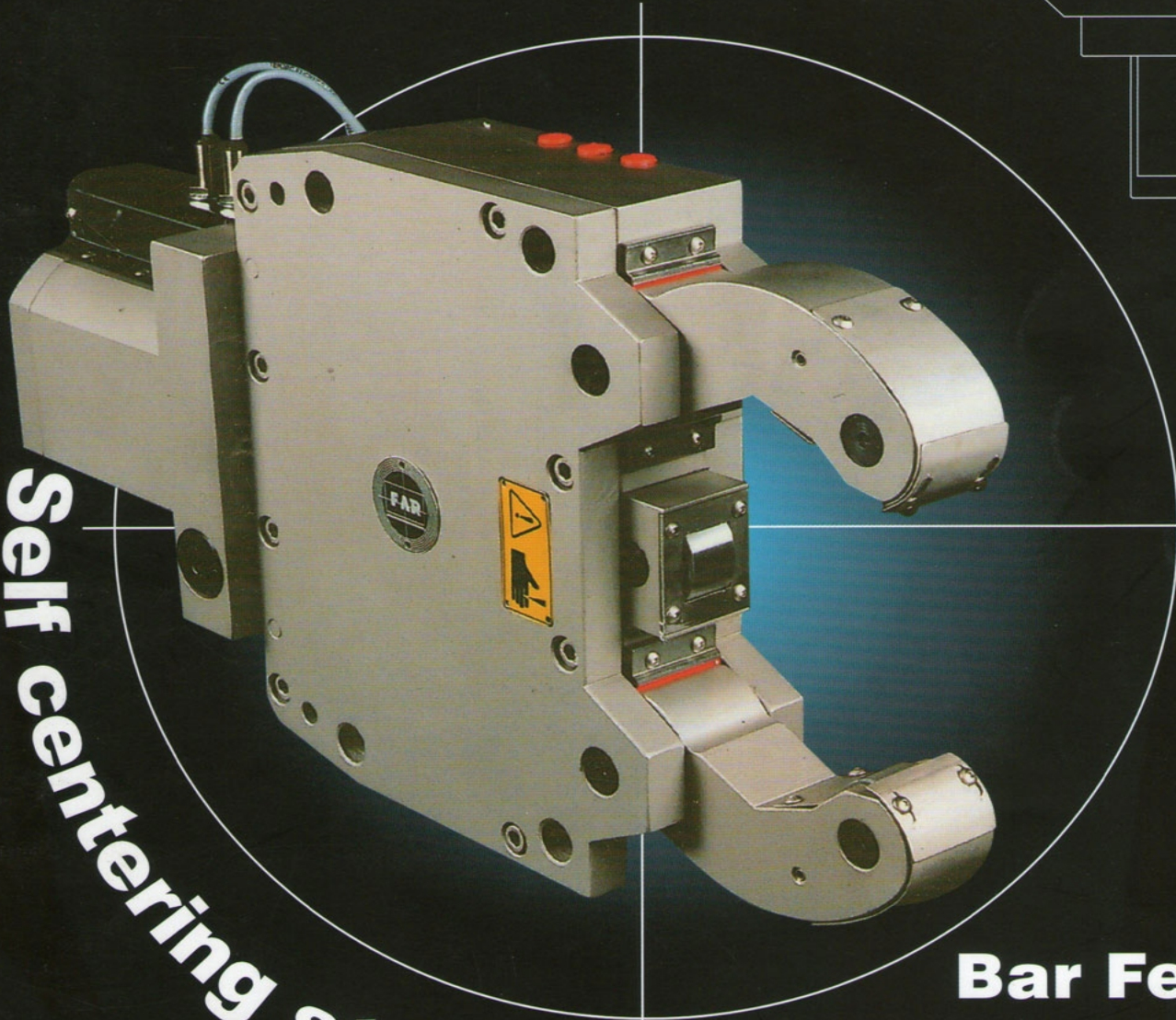
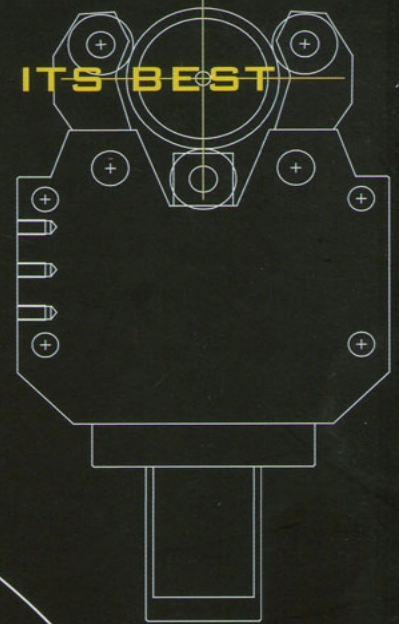




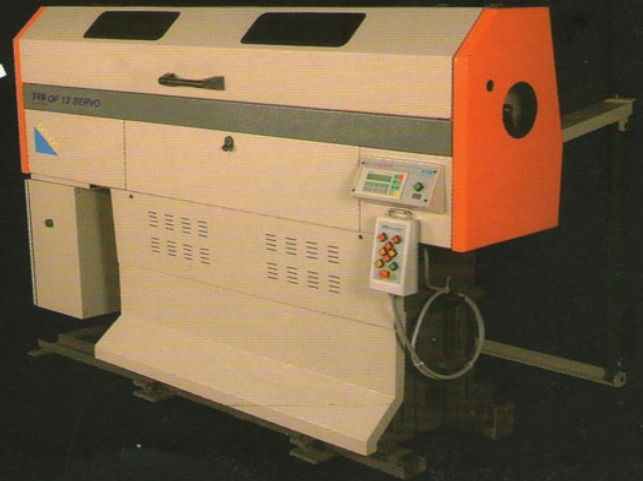
PRECISION AT ITS BEST

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Self centering steady rest

Bar Feeders



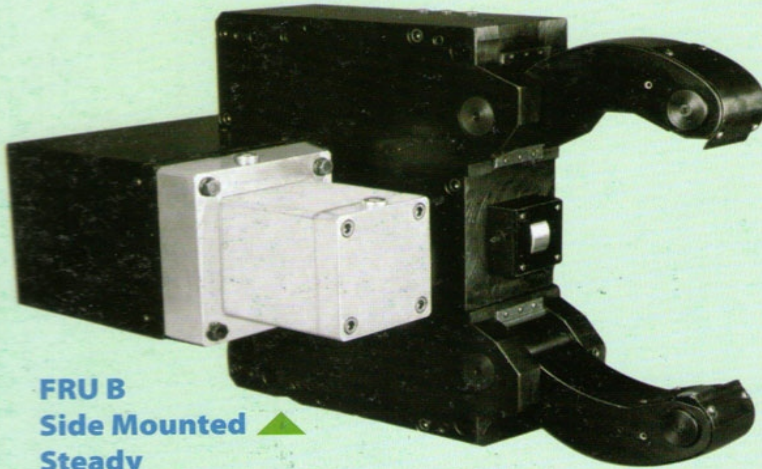
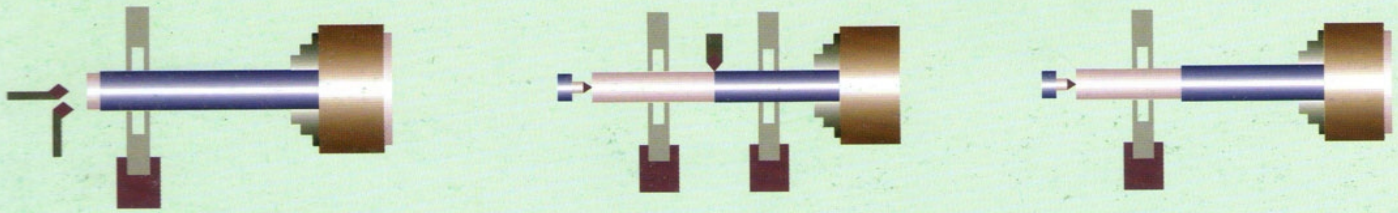
ISO 9001:2000



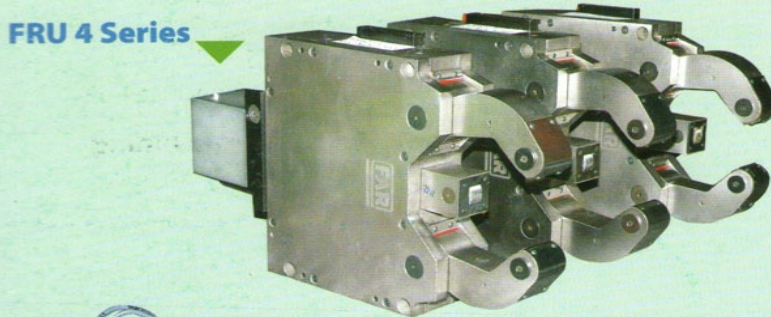
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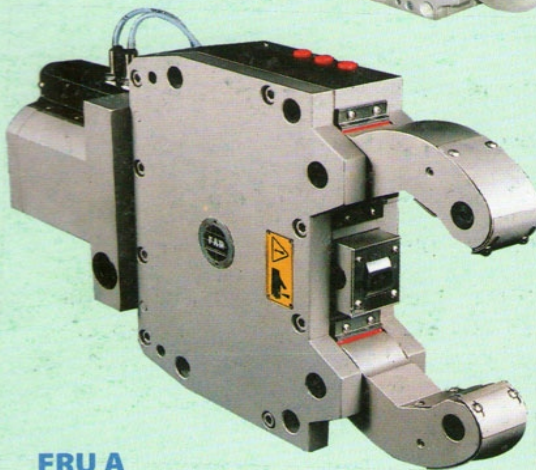
Steady Rest For Turning



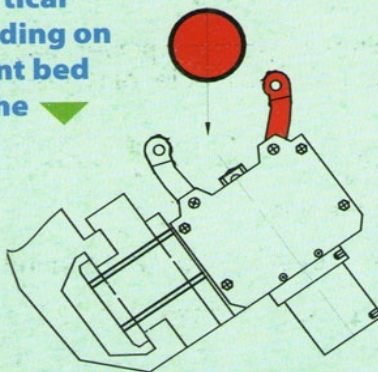
FRU B
Side Mounted
Steady



FRU 4 Series



FRU A
Vertical
loading on
slant bed
lathe



Salient features

- * Automatic centering to reduce cycle time & increase productivity
- * High centering accuracy.
- * Guaranteed surface finish with no marking or heating of workpiece.
- * Unattended operation in an automatic machine cycle, and CNC controlled opening & closing of the 3 rollers of the steady.
- * Can be used as a traveling steady rest
- * Provision for centralized lubrication
- * All parts are heat treated
- * Side-mounted cylinder
- * Cylinder with provision for feedback
- * Swarf guards for rollers.

Model No.	Clamping Range (Dia.)
FRE 1	4 mm to 40 mm
FRE 2	8 mm to 80 mm
FRE 3	20 mm to 130 mm
FRE 3.1	20 mm to 165 mm
FRE 4	35 mm to 220 mm
FRE 5	75 mm to 310 mm
FRE 6	125 mm to 460 mm

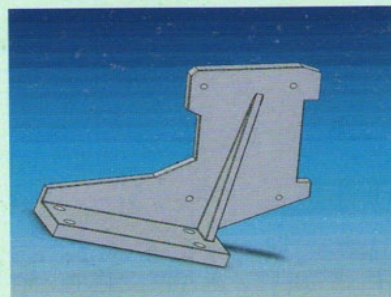
The following variants of FRU series are available

- With cylinder on the side (FRU B Series)
- With extra opening of one arm of vertical loading on slant bed lathes (FRU A Series)

Customized steady rests and mounting brackets

to suit a particular machine or operation can be supplied

Mounting brackets



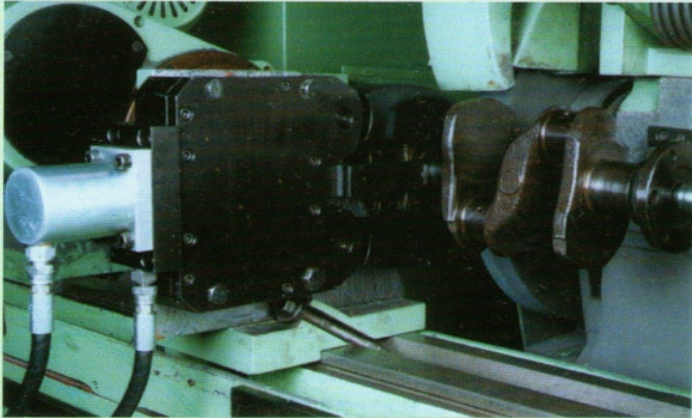
A typical mounting bracket



Steady mounting brackets

Steady Rests for Crank Shaft Machining

KRGHS Series

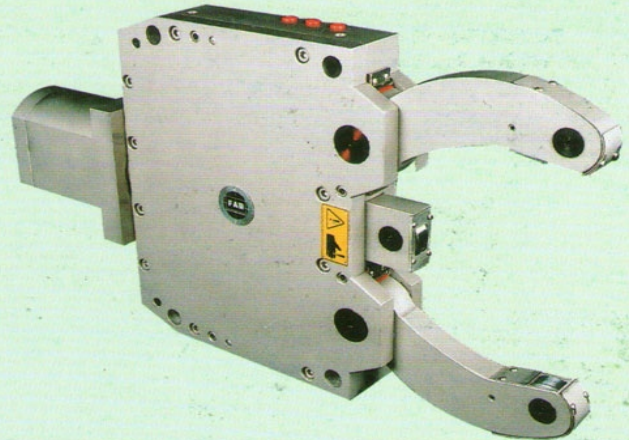


Steady Rests for Crank Shaft Grinding

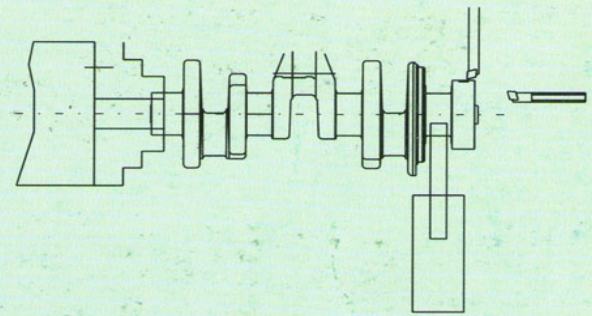
Models	Journal Diameter		Eccentric throw R mm
	minimum	maximum	
KRSHS 315D	40 mm	70 mm	108
KRSHS 315H	70 mm	150 mm	135
KRSHS 510	45 mm	110 mm	75
KRHS 520	50 mm	200 mm	103
KRHS 528	70 mm	150 mm	155

Other models are available on request

KRHS Series



Steady Rests for Crank Shaft Turning

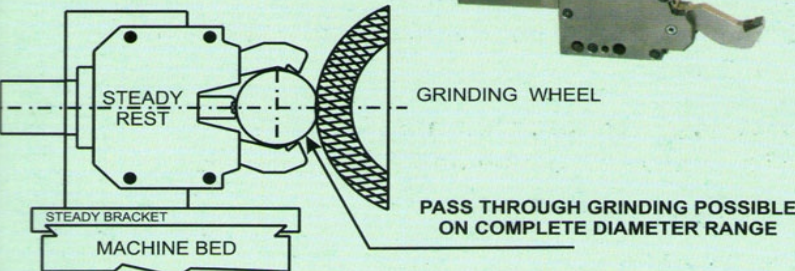
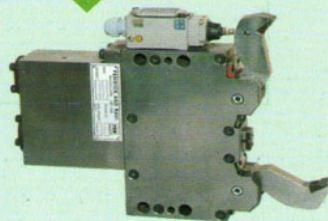
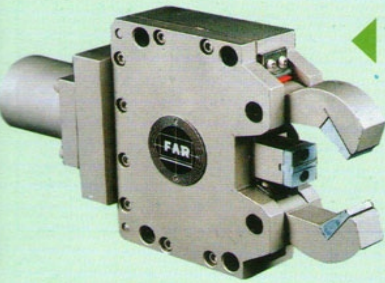


Support for crank shaft end machining

Steady Rest For Grinding

GHS Series

VGHS Series



Models	Minimum dia. (Mm)	Maximum dia. (Mm)
GHS 260G	10	30
GHS 260E	20	60
GHS 1012	10	120
VGHS 260	20	60
VGHS 480	40	80
KRGHS 790	70	90

Other models are available on request

Salient features

- * 3 point steady rest with carbide pad support
- * High centering accuracy
- * Models for crank shaft, and cam shaft
- * Less down time for steady rest adjustment
- * The follow - down operation allows all supporting pads to move towards center as the part size diminishes. This feature provide continues support while the part is being ground
- * Pass through grinding
- * Easy retro fitting in ordinary cylindrical grinders
- * Actuation from simple hydraulic power pack of machine using manual / PLC solenoid operated DC valve
- * More parts per hour
- * Increase grinding wheel life
- * Custom models to meet your exact application
- * Vertical loading by gantry for special models

Bar Feeders for Turning Machines



Master Feed



Super Feed



Auto Feed



Quick Feed

The variants available are:

AF Series: Hydrodynamic single bar Bar Feeders for bar dia.8mm to dia.100mm (Auto feed Series) and bar length 3m.

SF Series: Hydrodynamic multi Bar feeder for bar dia. 8mm to dia. 80mm (Super Feed Series) and bar length 3m.

QF Series: Hydraulic short bar Magazine Type Bar Feeder with hydraulic / pneumatic / servo variants for bar dia.6mm to dia.65mm (FAR QF Series) bar length 1.2 / 1.5m.

MF Series: Hydraulic long bar magazine type Bar Feeder for dia.2mm to dia.65mm (FAR MF Series) bar length 3.2m.



Our products have been installed on Mazak, Daewoo, Takisawa, DMG, Haas, Moriseiki, Kia, Wacheon etc., They are sold in: China, Taiwan, Italy, Spain, USA and the Middle East.