

# Operation guide



TYPE	MSR											
Features	- Fast clamping range adjustment using the pin system											
Clamping system	mechanical											
Force amplification	*											
Set-up options	Base											
Machining centers with high working accuracy	✓											
Universal milling machines with high working accuracy	✓											
Universal milling machines standard version	✓											
Jig boring machines												
5-axis machining												
Grinding machines	✓											
Series production	✓											
For limited space	✓											
Jaw width mm			150	175								
Clamping range (max.)			300	400								
Length (opened) mm			587	701								
Width mm			125	145								
Height mm			100	118								
Clamping force (max.) kN			50	60								
Weight kg			29,5	51,2								
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\*Constant clamping force for each clamping process and high repeatability in combination with a torque wrench