

# Adjustable engine support

Artikel Nr. MS/102-235-01-001 Artikel Nr. MS/102-290-01-001 Artikel Nr. MS/102-390-01-001

The new engine supports are constructed as a building block. The MS/102 is a slim constructed engine support for picking up combustion engines of the medium size. The basic model can be delivered in 3 scales.



The height setting is carried out by a fine thread screw aided by a hook spanner with pin according to DIN1810 BØ80-90. The clamping is carried out by a clamping screw. The spindle including the head plate does not move while the height setting. It is held against screwing up by the adaption parts on the combustion engine. The base plate comes with 2 slotted holes for screws M12 and can also be delivered in other versions. For example 4x Ø13.

In the „/K version“ the head plate comes with 4 threads M12. It is screwed and can be replaced with other plates which have another geometry.

In the „/F version“, head plate with guiding cartridge, the feeder plate comes with 4 threads M10. This version has been developed for fast and accurate engine changes.

These engine supports are used with conventional engine test beds and in combination with our quick change system for combustion engine testing. Based on the attached linear guiding, the combustion engine can be slid axial on the engine support after setting down. This way, the engine can be shifted towards a clamping device.

If the engine supports are justified geometrically, the integrated centred system assures recurrent positioning of the engine. This centered system consists of a hardened bushing on the linear guiding wagon and a centre bolt on the attachment plate. The assembly time is shortened by the pivoted eye bolts.

## Ernst + Co. Prüfmaschinen GmbH

Industriestr. 1  
D-74933 Neidenstein  
Fon ++49 (0) 7263.911 070  
Fax ++49 (0) 7263.911 072  
Email info@ernst-gruppe.de  
www.ernst-gruppe.de

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	MS/102-235-01-001	MS/102-290-01-001	MS/102-390-01-001
material:	steel, nickel plated		
lowest height:	235 mm	290 mm	390 mm
slideway:	45 mm	65 mm	80 mm
adjustable thread:	M54x2 (hook spanner with a pivot DIN1810 BØ 80-90mm)		
clamping:	one clamp screw, hexagonal head SW 19, Ma=80 Nm		
max. vertical load:	ca. 10 kN	ca. 10 kN	ca. 10 kN
weight:	10 kg	12 kg	15 kg
horizontal adjustment:	slottedholes		
fixation:	2 T-screw nut M12x14 DIN508		
assignment:	passenger car engine		
equipment optional:	hook spanner with a pivot DIN1810 AØ 80-90mm		

The products shown here comprise additional or special requests by customers that are not within the basic scope of supply. We reserve the right to carry out modifications and improvements at any time without prior notice. The information presented here may be subject to errors.

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