Linear Slide Hand 40 mm

Application
For the fine adjustment of system components and welding torches

Main Areas of Use
Adjustment of sensors and torch heads

Construction
The base plate and slide body are constructed from billet aluminium

Dove tails with adjustable brass thrust faces

Adjustment over threaded spindle with star handle

Drilling Mount Pattern
Component standardisation 60x60 mm

4 x threaded holes M8 in base plate

4 x counter bored holes for cylinder screws M8 DIN 912 im in the slide

Weight: 1.4 kg
Stroke: 40 mm

Linear Slide Hand
part no. 019.0.2500
Torch Positioning Systems
Linear Slide, Hand
HUB200 / 300 / 500

Linear Slide Hand 200 / 300 / 500 mm

Manual linear slides have high precision, play free guides for positioning components and welding torches accurately. The linear slides can be mounted as cross slides. They can be combined with motor-driven slides. This extends the adjustment range of the welding heads.

Dia. D - 4
The drilling pattern has been designed for assembly:

a) of torch/torch holding supports [s. D-5]
b) as cross and longitudinal slides
c) of the torch holding support [s.D-6]
d) of the mounting angle [s.D-7]
e) of the swivelling joint [s.D-7]
f) of the lifting carriage [s.D-8] and Oscillation devices [s.K-3]

Dia. D - 5

<table>
<thead>
<tr>
<th>Stroke (mm)</th>
<th>200</th>
<th>300</th>
<th>500</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimension A (mm)</td>
<td>350</td>
<td>450</td>
<td>650</td>
</tr>
<tr>
<td>Dimension B (mm)</td>
<td>390</td>
<td>490</td>
<td>690</td>
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<tr>
<td>Dimension C (mm)</td>
<td>430</td>
<td>530</td>
<td>730</td>
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</tbody>
</table>

Linear Slide Hand model LH 200 (Stroke 200 mm)
part no. 120.716

Linear Slide Hand model LH 300 (Stroke 300 mm)
part no. 120.624

Linear Slide Hand model LH 500 (Stroke 500 mm)
part no. 120.718

Technical details subject to change
Torch Positioning Systems
Compound Slide, Hand 3D - Adjustable Slide, Hand

Compound Slide, Hand

Application
Fine adjustment of components and welding torches in 2 axis

Main Areas of Use
Adjustment of sensors and torch heads

Construction
The base plate and slide body are constructed from billet aluminium

Precision dove tails with adjustable brass thrust faces

Adjustment over threaded spindle with star handle

2 x Linear Slide Hand part no. 019.0.2500, are mounted together to form a compound slide.

Assembly bore pattern
Component standardisation 60x60 mm

4 x threaded holes M8 in base plate

4 x counter bored holes for cylinder screws M8 DIN 912 im in the slide

Weight: 2.82 kg

Manual compound slide part no. 019.0.1500

3D Adjustable Slide, Hand

Application
Fine adjustment of components and welding torches in 3 axis

Construction
3 Linear Slide Hand, part no. 019.0.2500
1 Angle Plate part no. 019.0.1910, are mounted together to form a 3 D adjustable slide.

Weight: 5,8 kg

3D - Adjustable Slide, Hand part no. 019.0.1510

Technical details subject to change
The torch and stand holder has been designed for holding and positioning the machine and robot torches. When used as a mount for the tactile scanning stylus stand, this allows the sensor slides of the LS & KS series to be exactly positioned.

The whole component has been manufactured from billet aluminium. The threaded adjustment holes are reinforced with steel wire thread inserts.

Technical Details:
- Weight: 0.52 kg
- Bore: 35 mm
- Flange hole pattern: 4x8.5 mm / 60 x 60 mm

Torch and Stand Holder part no. 019.0.0201

The torch holder has been designed for machin-torch TM 450 and PM 400.

The whole component has been manufactured from billet aluminium. The threaded adjustment holes are reinforced with steel wire thread inserts.

Technical Details:
- Weight: 0.50 kg
- Bore: 46 mm
- Flange hole pattern: 4 x 8,5 mm / 60 x 60 mm

Machin-Torch holder TIG / Plasma part no. 131.994

The machine welding torch ROB 505 W - PP can be removed and replaced into exactly the same position in the mounting clamp (TCP). The torch mount is also insulated.

The whole component has been manufactured from billet aluminium. The threaded adjustment holes are reinforced with steel wire thread inserts.

Technical Details:
- Weight: 0.66 kg
- Bore: 35 mm
- Flange hole pattern: 4 x 8,5 mm / 60 x 60 mm

Machin-Torch Holder MIG / MAG part no. 152.232

Technical details subject to change