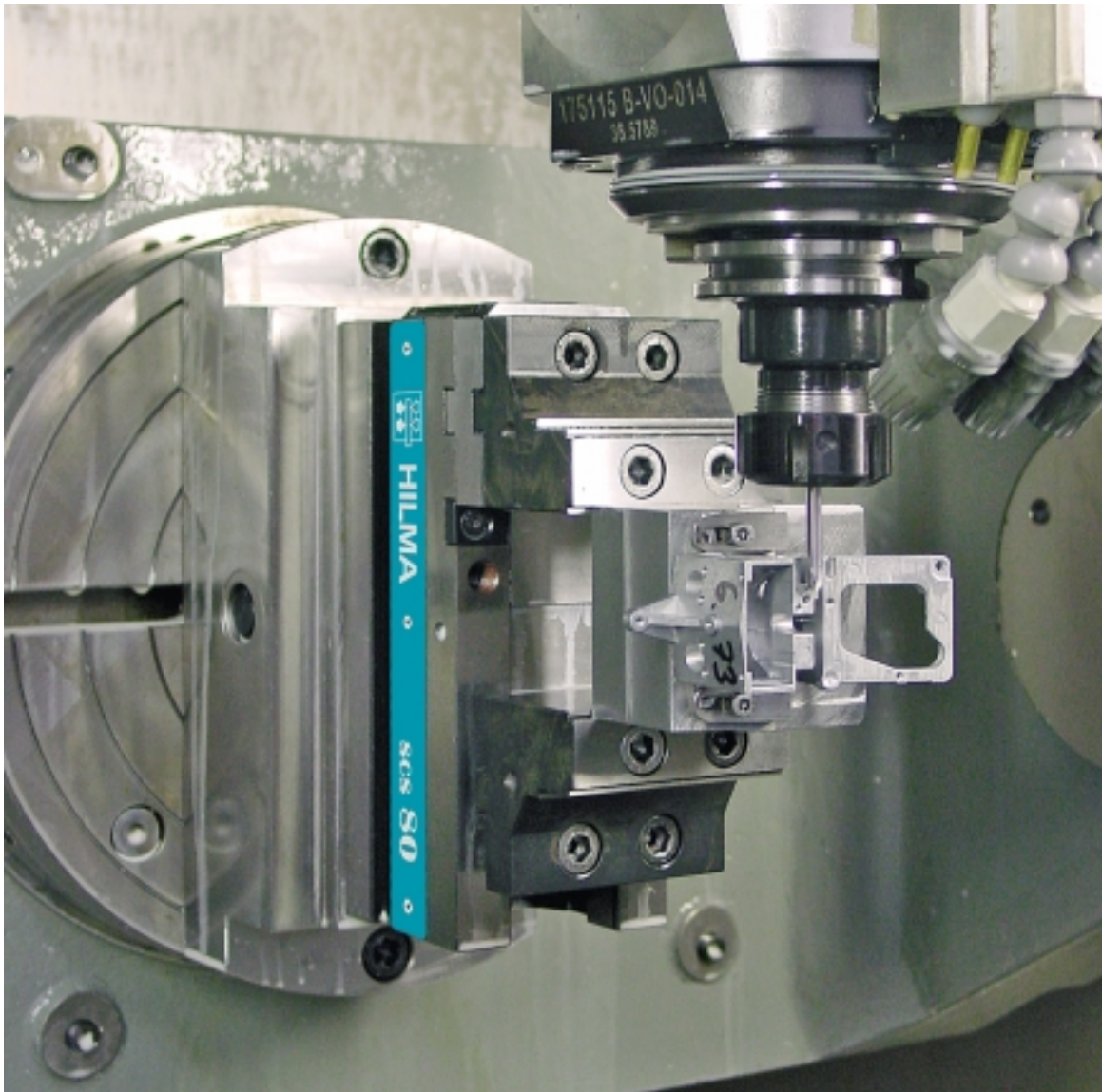


SCS Super Compact Clamp



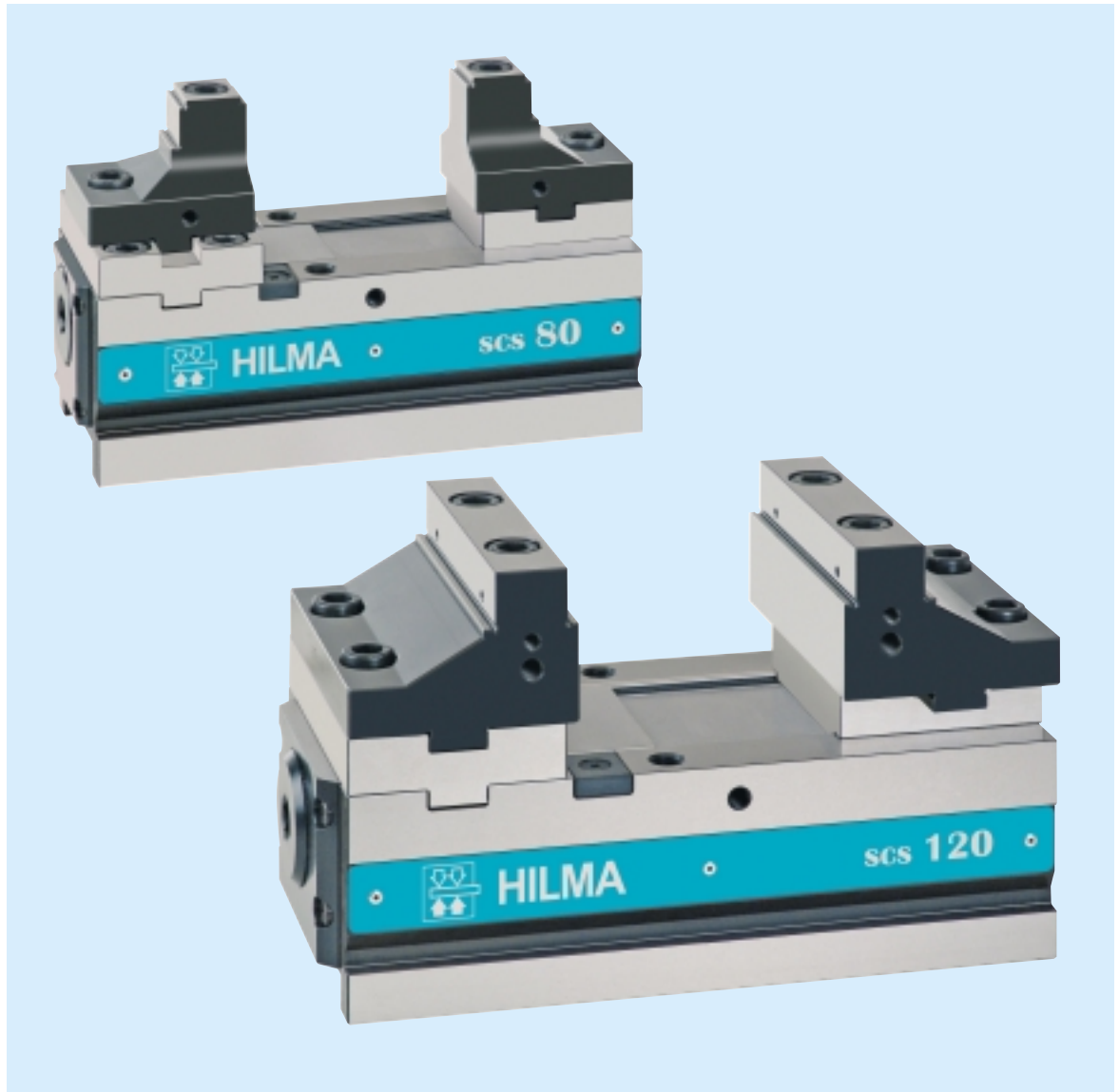
New machining technologies and manufacturing methods call for the development of new solutions in the field of clamping technology.

The SCS Super Compact Clamp, with its short base and easy movement of the fixed jaw, is ideally suited for 5-side machining.

The well balanced design of the guide between the base and the moveable jaw is very important for the use of very high clamping jaws, which are essential for performing machining operations close to the workpiece.

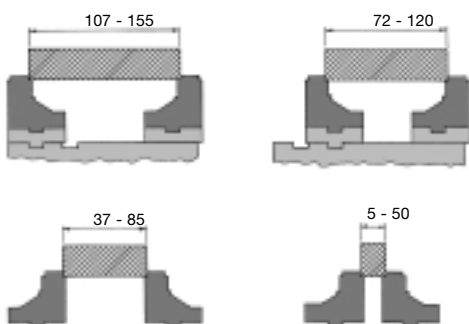
The base is made from special cast steel which guarantees high rigidity and dimensional stability. All sides are hardened and ground, providing a reliable basis for meeting the exacting demands for maximum precision.

- ◆ high degree of freedom for spindle and tools: low risk of collision
- ◆ well suited for short standard tools
- ◆ repeatable and controllable clamping forces of up to 25 kN/SCS 80 and 40 kN/SCS 120
- ◆ jaw with a special grip for maximum holding force (factor 3 as compared with standard jaw)
- ◆ affordable price; large range of accessories

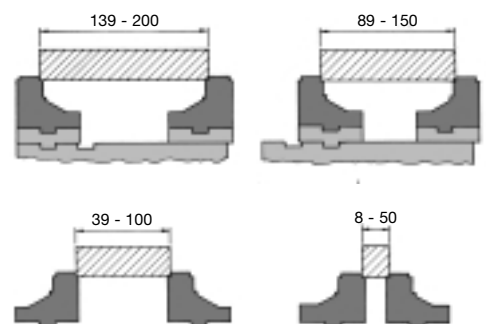


A high degree of flexibility and large clamping ranges are achieved by using reversible fine step jaws proposed with various jaw widths. Regardless of the clamping range, 5-side machining close to the workpiece is possible.

SCS 80



SCS 120



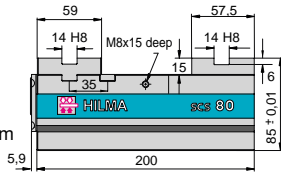


Technical data / Accessories

SCS 80

mechanically operated
 Width of base 80 mm
 Jaw widths 25/50/80 mm
 Clamping range 5-155 mm
 Clamping force max. 25 kN at 60 Nm
 Weight 8.8 kg (without jaws)

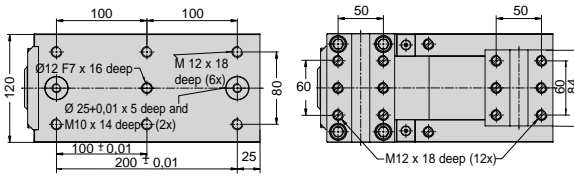
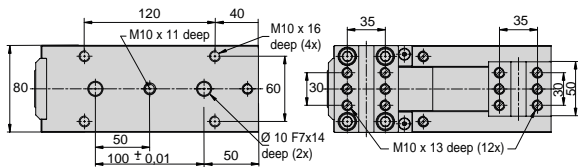
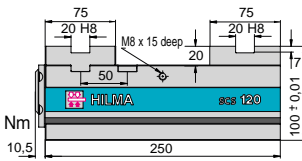
Part no. 9.3672.0101



SCS 120

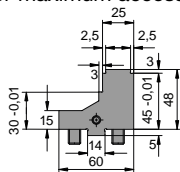
mechanically operated
 Width of base 120 mm
 Jaw widths 40/84/120 mm
 Clamping range 8-200 mm
 Clamping force max. 40 kN at 100 Nm
 Weight 18.4 kg (without jaws)

Part no. 9.3673.0101

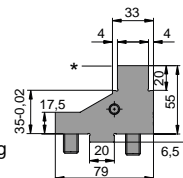


Fine step reversible jaw for maximum accessibility, even with short tools

Jaw width	Part no.
25 mm	9.3972.1001
50 mm	9.3972.1002
80 mm	9.3972.1003



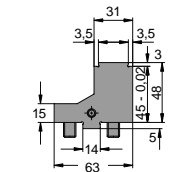
Jaw width	Part no.
40 mm	9.3973.1001
84 mm	9.3973.1002
120 mm	9.3973.1003



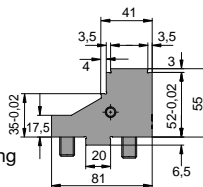
* Fine steps are possible using spacer ledges

Special grip jaw, fine step jaw for holding force and very high cutting forces

Jaw width	Part no.
25 mm	9.3972.1101
50 mm	9.3972.1102
80 mm	9.3972.1103



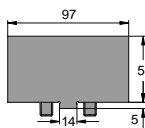
Jaw width	Part no.
40 mm	9.3973.1101
84 mm	9.3973.1102
120 mm	9.3973.1103



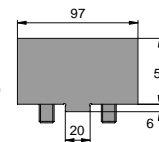
* Fine steps are possible using spacer ledges

Soft reversible jaw made from aluminium/steel for adaptation to special workpiece geometries

Jaw width	Part no.
80 mm	9.3972.1201 (steel)
80 mm	9.3972.1202 (alu)



Jaw width	Part no.
120 mm	9.3973.1201 (steel)
120 mm	9.3973.1202 (alu)



Accessories

Torque wrench

5 - 60 Nm (for SCS 80)
 Part no. 9.3583.7010



20 - 120 Nm (for SCS 120)
 Part no. 9.3792.6610

Box nut for torque wrench

SW 12, 3/8" (for SCS 80)
 Part no. 1.3124.0024



SW 14, 1/2" (for SCS 120)
 Part no. 1.3124.0023

Workpiece stop for fixing on both sides of the base or on the jaws

Part no. 9.3918.4111
 for SCS 80



Part no. 9.3918.4121
 for SCS 120



Set of clamping claws (4 pcs.) with fastening screws M10x35 DIN 912

(4 pcs.) for SCS 80
 Part no. 9.3917.4011



(6 pcs.) for SCS 120
 Part no. 9.3917.4061

Set of double clamping claws (2 pcs.) with fastening screws M10x35 DIN 912

(2 pcs.) for SCS 80
 Part no. 9.3917.4021



(3 pcs.) for SCS 120
 Part no. 9.3917.4071

Keyblock for longitudinal adjustment, for reference slot 14/18 mm (for SCS 80/120)

Slot width 14 mm
 Part no. 5.0508.0089

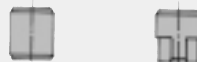


Slot width 18 mm
 Part no. 5.0508.0091

(2 pcs. required)

Set of positioning pins consisting of one cylindrical and one milled positioning pin (for SCS 80/120)

Pin diameter 12 mm (m5)
 Part no. 9.3918.4211



Set of keyblocks for T-slots (6 pcs.) for clamping on machine beds, for slot 14/18 mm (for SCS 80/120)

Slot width 14 mm
 Part no. 9.3917.4221



Slot width 18 mm
 Part no. 9.3917.4241