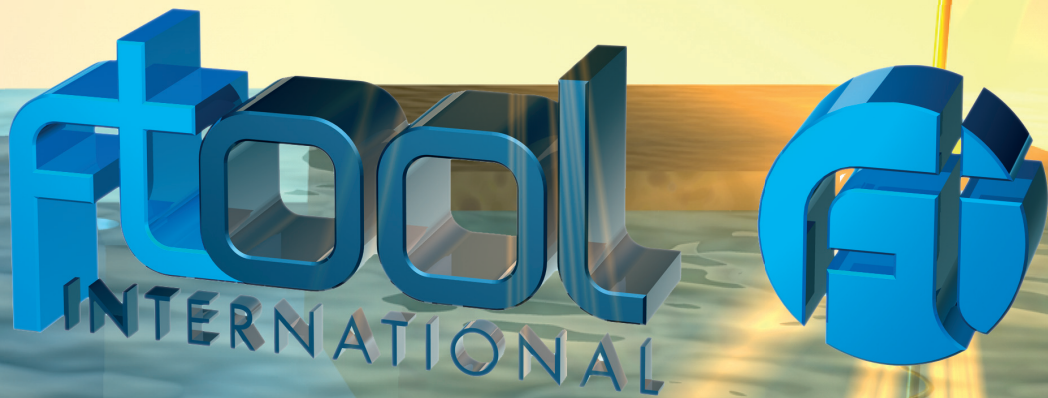




F-Tool CentroClamp



Systematically in the centre

Strong Design

While developing the CentroClamp we made priorities on function and good value. Is the five-axis machining centre loaded manually or automatic, a majority of work piece sizes must be clamped. Therefore a universal clamping device is a big advantage. If the machining takes place in the best possible centre of the operating range of a production machine, it simplifies the programming as well as the insert of production facilities enormously. Our target were fast component change, even at batch size one, shorter changeover time, greater flexibility and higher production output at lower cost.

Convincing technology

Excellent value

Technical data

Suggested tightening torque :	60Nm
Clamping power max. :	18 kN
Repeatability :	+/- 0.01 mm
Clamp travel :	0 - 38 mm
Grid dimension jaw adjustment :	12 mm

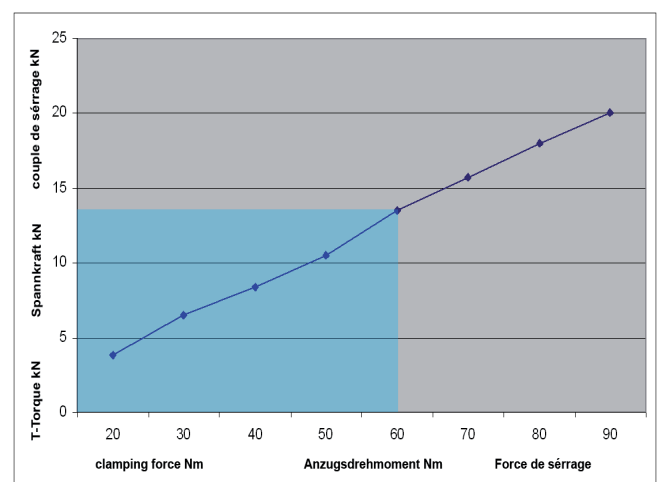
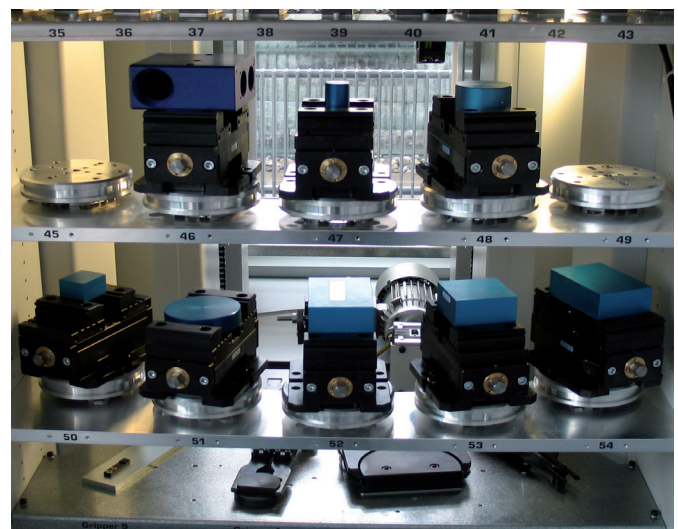
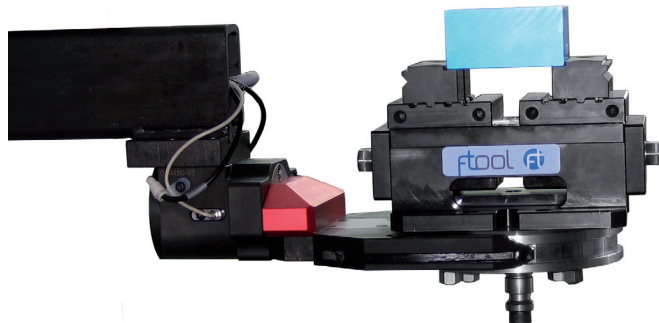
Clamping range

Standard grip jaws **FT02069** :

Clamping range standard grip jaws:	18 - 125 mm
Full clamping :	0 - 109 mm
Step clamping :	9 - 118 mm

Universal jaws **FT02071** (option) :

Clamping range :	0 - 163 mm
Clamping range Ø :	12 - 140 mm

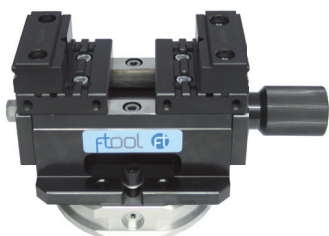




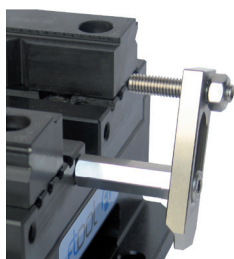
FT 02064



FT 02063



FT 02065



FT 02104



FT 02069



FT 02070



FT02071



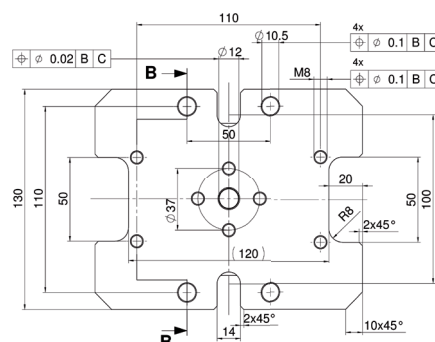
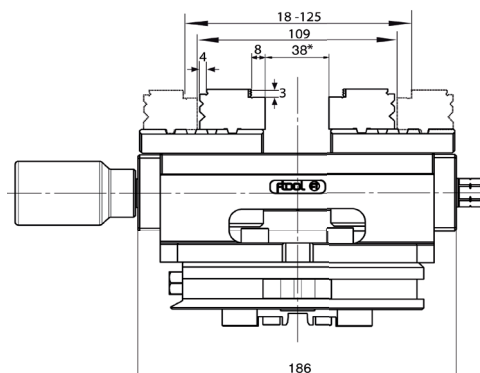
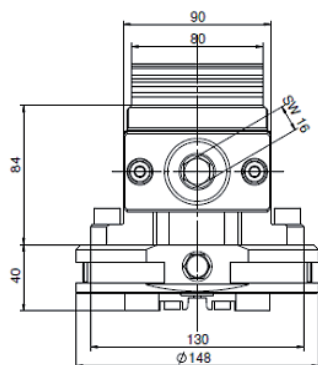
FT 02152



FT 02105



FT 02153

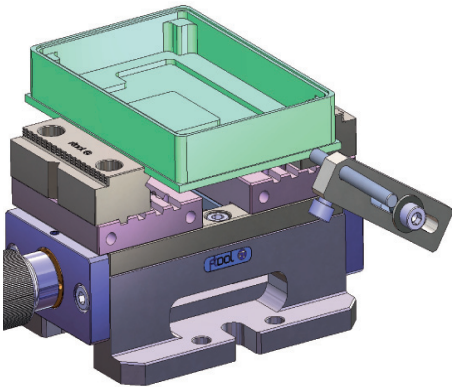


F-Tool CentroClamp 180UP

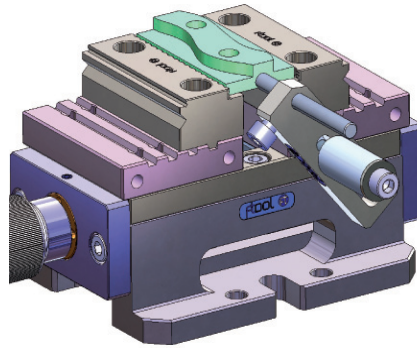
- Maximum clamping power 18kN
- Maximum Clamping travel 38 mm
- Hardened, ground guide rails
- exchangeable, hardened Clamping jaw with grip
- Strong spindle with acme thread 26 x 3 mm
- Repeatability: +/- 0.01 mm
- Clamping range 0 -125 mm (180 mm)
- Adjustable zero point
- Reference hole with centering pin $\varnothing 12 \times 7$ mm
- Compact and robust construction

Article no.	Article	Quantity	Weight	Code	
FT 02063	FTool CentroClamp 180-UP-80 with grip clamping jaws	1 piece	11.40 kg	P	
FT 02064	FTool CentroClamp 180-UP-80 basic (without clamping jaws)	1 piece	10.00 kg	P	
FT 02065	FTool CentroClamp 180-UP-80 with pallet ER-PP 148	1 piece	13.70 kg	P	

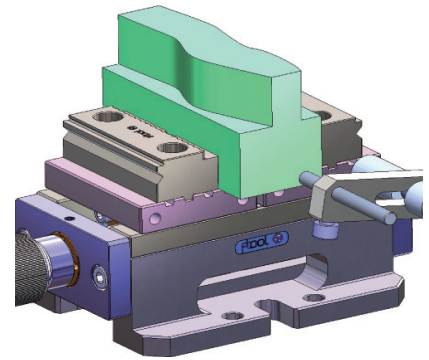
Article no.	Article	Quantity	Weight	Code	
FT 02069	FTool grip clamping jaws UP-80	Set of 2 pieces	2.00 kg	P	
FT 02070	FTool HiP jaws HP-80	Set of 2 pieces	0.97 kg	P	
FT 02071	FTool universal clamping jaws UP-80	Set of 2 pieces	2.00 kg	P	
FT 02104	FTool stopper 180-UP-80	1 piece	0.13 kg	P	
FT 02105	FTool rough jaws UP-80	Set of 2 pieces	1.34 kg	P	
FT 02152	FTool KonGrip jaws CC-180, clamping range 10-180 mm	Set of 2 pieces	1.60 kg	P	
FT 02153	KonGrip claws with 2 grip rows	Set of 4 pieces	0.03 kg	B	
FT 02117	Torque wrench 3/8" incl. nut 16 mm	1 piece	1.21 kg	B	



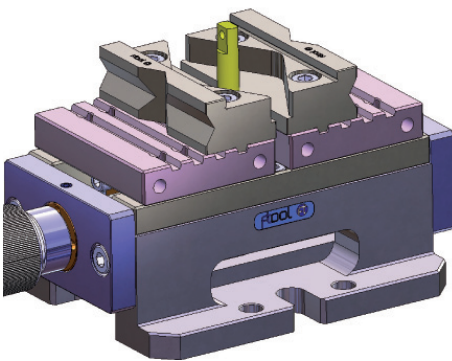
Work piece 110 x 160 x 30 mm



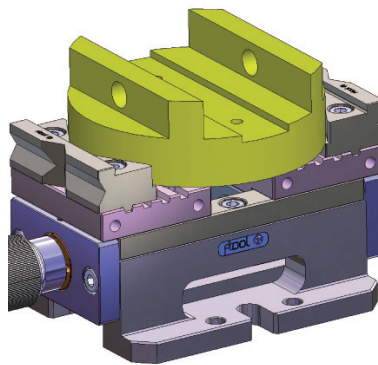
Work piece 40 x 80 x 12 mm



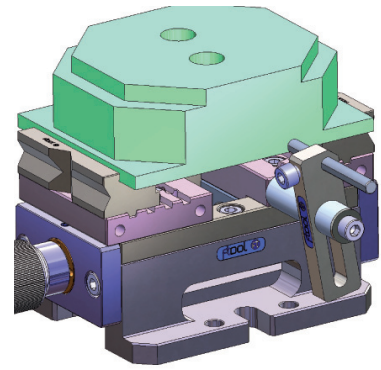
Work piece 50 x 128 x 70 mm



Work piece Ø 10 x 40 mm



Work piece Ø 140 x 60 mm



Work piece 160 x 120 x 50 mm

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Head office:

F-Tool International AG • Oberdorf 6 • P.O. Box • CH-5040 Schöffland • Switzerland •
Phone +41 (0)62 739 00 30 • Fax +41 (0)62 739 00 39 • E-Mail: info@f-tool.com

Subsidiary in Germany:

F-Tool GmbH • Gewerbepark Breisgau • Freiburger Strasse 19 • DE-79427 Eschbach •
Phone +49 (0)7634/504883-0 • Fax +49 (0)7634/504883-15 • E-Mail: info@f-tool.de

Subsidiary in Thailand:

F-Tool (Thailand) Co., Ltd. • 12/3 Moo 10 • Klong-Khoi, Pak-Kred • Nonthaburi 11120 • Thailand •
Phone +66 (0)84 757 66 62-3 • Fax +66 (0)81 838 21 40 • E-Mail: ftoolth@ksc.th.com

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