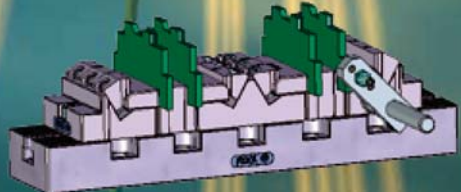
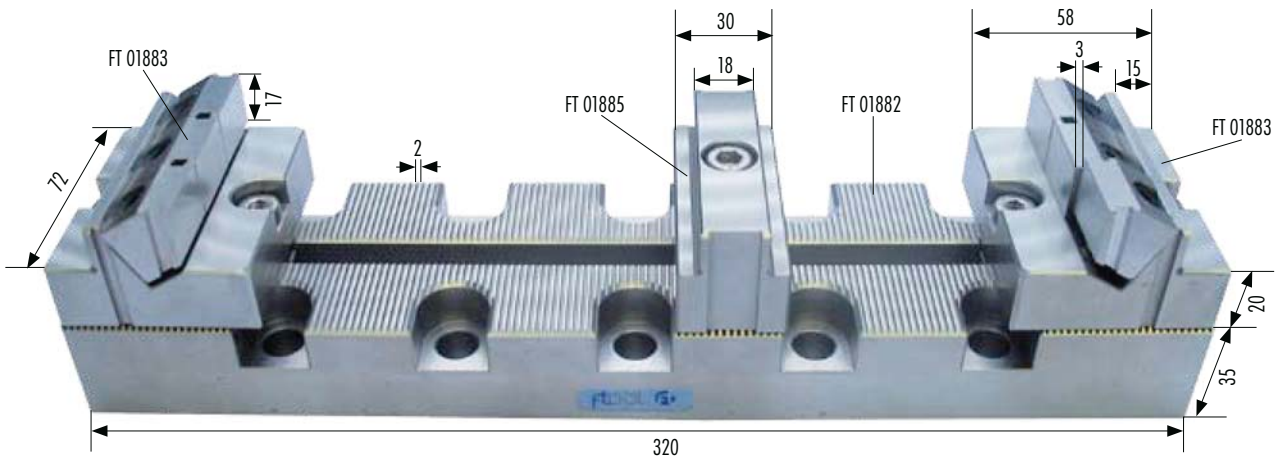


F-Tool railers

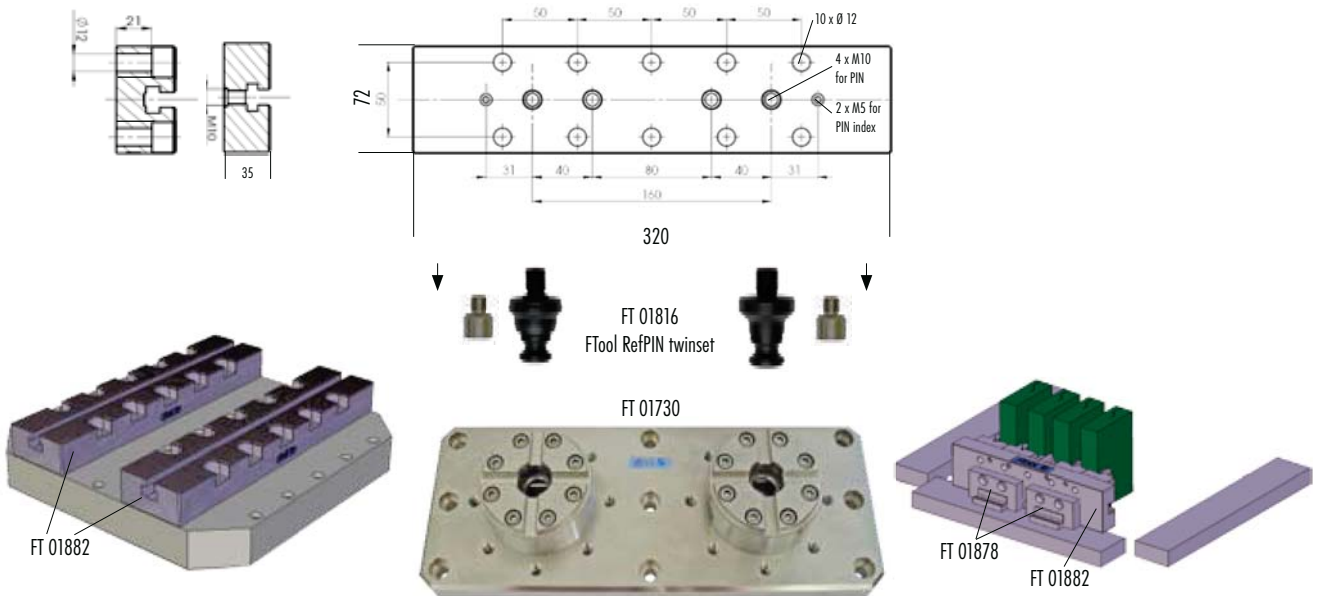


- For milling, grinding, EDM sinking and EDM wire-cutting
- Great flexibility with few clamping elements
- Accurate production, rust-resistant



F-Tool MC railer view assembling side

- The MC railer can be assembled directly on UPC 320 pallets or other breadboards with 50 mm hole centre distance.
- Likewise applicable to EDM wire-cutting thanks to rustless construction and vertical clamping with two MultiClamp IF FT 01878.
- Equipped with TwinSet, connected firmly and precise in the PIN ZeroPoint centering system MB 160.

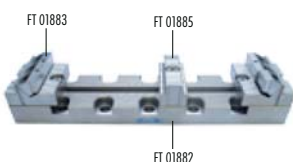


F-Tool MC railer set 320 B72

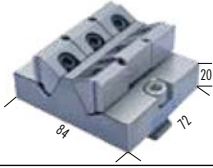
The MC railer set 320 B72 is a perfect, upgradable basic initial equipment for general multiple-clamping-jobs in the daily business. The hole grid 50 mm matches for the direct assembling on UPC pallets. Max. clamping power 10 - 15 KN

The set FT 01857 contains:

- 1 x FT 01882 FTool MC railer 320 mm
- 1 x FT 01885 FTool MC stopper beam B20 / 30
- 2 x FT 01883 FTool MC clamping block B72/20 L58
- 4 x FT 01887 FTool extension jaw 22h13
- 2 x FT 01868 FTool PIN parallel support set 10 mm (Total 4 pieces)
- Several screws and Allen keys



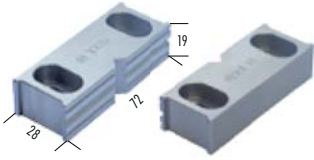
Article no.	Article	Quantity	Weight	Code
FT 01857	FTool MC Railer Set 320 B72 complete	1 set	8.87 kg	P
FT 01882	FTool MC railer 320 mm	1 piece	5.20 kg	P
FT 01883	FTool MC clamping block B72/20 L58	1 piece	0.88 kg	P
FT 01885	FTool MC stopper beam B20 / 30	1 piece	0.51 kg	P



F-Tool double clamping block

The F-Tool double clamping block is suitable for the multiple clamping on the MC railer B72.

Article no.	Article	Quantity	Weight	Code
FT 01884	FTool MC double clamping block B72/20 L84	1 piece	1.35 kg	P

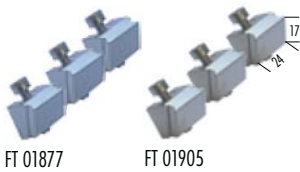


FT 01862 FT 01863

Prism reversible jaw height 19

The F-Tool prism reversible jaws 19 mm are the standard sizes and can be assembled in the grid of 2 mm on the MC railer FT 01882 and in the Multiclamp 105 and 181. According to the purpose of use, the surface-grinded, the prism side or for blanks, the grip-prism reversible jaw is appropriate.

Article no.	Article	Quantity	Weight	Code
FT 01862	Precisions-prism reversible jaw S-72h19	1 piece	0.28 kg	P
FT 01863	Grip-prism reversible jaw SG-72h19	1 piece	0.28 kg	P



FT 01877 FT 01905

Clamping jaws height 19

The F-Tool clamping jaws have a clamping range of 3 mm. The lateral slot allows the attachment of supports FT 01868 or extension jaws FT 01887. Max. clamping range 4 - 5 kN/Clamping jaw

Article no.	Article	Quantity	Weight	Code
FT 01877	Grip-clamping jaw set SCG24-h19	Set of 3 pieces	0.20 kg	P
FT 01905	Clamping jaw set SC24-h19	Set of 3 pieces	0.20 kg	P



FT 01864 FT 01865

Prism reversible jaws height 12

The prism reversible jaws 12 mm are suitable for the clamping of rather flat work pieces. The function is otherwise identical with the standard prism reversible jaws 19 mm.

Article no.	Article	Quantity	Weight	Code
FT 01864	Flat-prism reversible jaw F-72h12	1 piece	0.20 kg	P
FT 01865	Flat-grip reversible jaw FG-72-h12	1 piece	0.20 kg	P



FT 01866 FT 01867

Flat-clamping jaws height 12

The flat-clamping jaws are suitable for the use with the prism reversible jaw 12 mm. Max. clamping range 4 - 5 kN/Clamping jaw

Article no.	Article	Quantity	Weight	Code
FT 01866	Flat-clamping jaw set FC24-h12	Set of 3 pieces	0.16 kg	P
FT 01867	Flat-grip-clamping jaw set FCG24-h12	Set of 3 pieces	0.16 kg	P

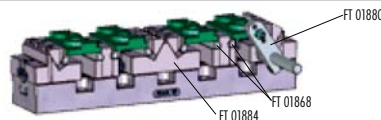


F-Tool PIN parallel support set 10 mm

The parallel support set is suitable for the flat clamping of work pieces, but can as well be used for parallel clamping. The bailes avoid the drop-out while turning or while cleaning the vises with compressed air.

Article no.	Article	Quantity	Weight	Code
FT 01868	FTool PIN parallel support set 10 mm	Set of 2 pieces	0.10 kg	P

Combination example:

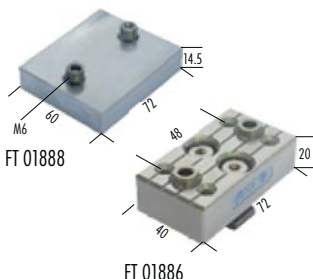
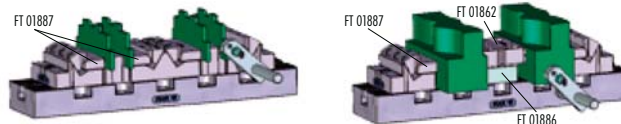


F-Tool extension jaw

The extension jaw bridges the level of the clamping blocks to the parallel clamping of high work pieces.

Article no.	Article	Quantity	Weight	Code
FT 01887	FTool extension jaw 22h13	1 piece	0.20 kg	P

Combination examples:



FT 01888

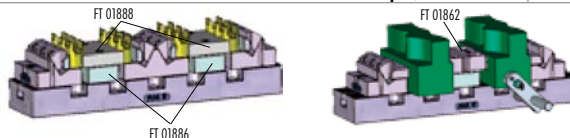
FT 01886

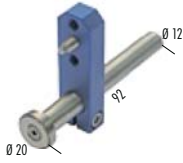
F-Tool MC stopper beam base B20 / 40

On these MC stopper beam bases, aluminium jaws or the F-Tool prism reversible jaws can be assembled.

Article no.	Article	Quantity	Weight	Code
FT 01886	FTool MC stopper beam base B20 / 40	1 piece	0.48 kg	P
FT 01888	FTool alu jaw 72 x 60 x 14.5 mm	1 piece	0.24 kg	P

Combination examples:



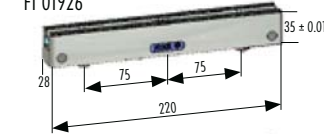


Adjustable magnetic base-stop

The adjustable magnetic base-stopper is a fit-up aid for the clamping of work pieces. For the machining, the magnetic base has to be removed.

Article no.	Article	Quantity	Weight	Code
FT 01880	Adjustable magnetic base-stop	1 piece	0.20 kg	P

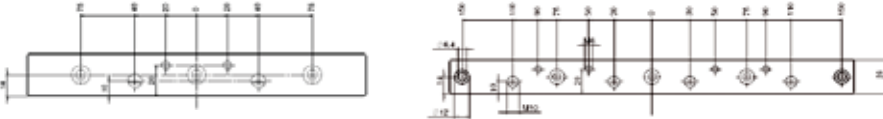
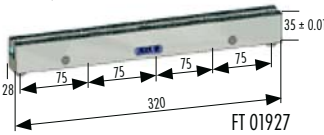
FT 01926



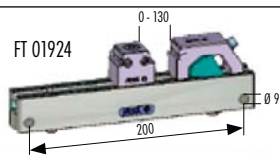
F-Tool railers B28

The F-Tool railer is hardened and made of rustless steel. The grinded cog-grid is 2 mm.

Article no.	Article	Quantity	Weight	Code
FT 01926	FTool clamping beam 220 B28	1 piece		P
FT 01927	F-Tool clamping beam 320 B28	1 piece		P



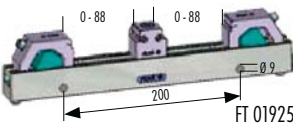
FT 01924



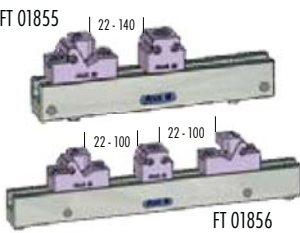
WEDM railers with high-accuracy clamping jaws

The WEDM railer is prepared with a disc pull-down-system and a quickly adjustable clamping-slide. With the help of the basic rulers IF FT 01873 or with the two fixing holes $\varnothing 9$ D200, the railer can be clamped horizontal in the EDM wire cutting machine. Maximal holding capacity B220 B28 = 130 mm, B320 B28 = 2 x 0-88 mm or 1 x 0-230 mm

Article no.	Article	Quantity	Weight	Code
FT 01924	WEDM clamping beam 220B28 with clamping jaws B28WEDM	1 piece		P
FT 01925	WEDM clamping beam 320B28 with clamping jaws B28WEDM	1 piece		P



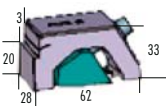
FT 01855



F-Tool railers B28

The railer set is suitable for the multiple clamping of precision pieces. The railer can be assembled on pallets. The railer and the clamping elements are made of rustless steel.

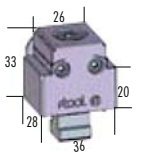
Article no.	Article	Quantity	Weight	Code
FT 01855	FTool Railer Set 220 B28 with clamping jaw B28/20 L62	1 piece		P
FT 01856	FTool Railer Set 320 B28 with clamping jaw B28/20 L62	1 piece		P



Pull-down high accuracy clamping jaw B28WEDM

The quickly adjustable clamping jaw is suitable for the EDM wire cutting or in the high-precision mechanics. The disc pull-down-system is suitable excellent for the clamping of grinded pieces. Additional with micro-pitch.

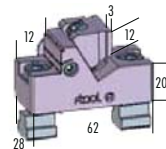
Article no.	Article	Quantity	Weight	Code
FT 01928	High accuracy clamping jaw B28WEDM	1 piece		P



Pull-down high accuracy double stopper B28WEDM

The double stopper is equipped with the disc-pull-down-system and a micro-pitch.

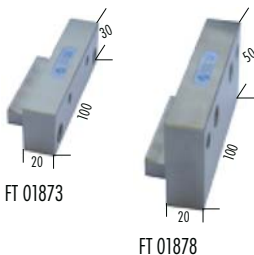
Article no.	Article	Quantity	Weight	Code
FT 01929	High accuracy double stopper B28WEDM	1 piece		P



Clamping jaw B28 with pull-down-stopper

With the spring borne pull-down clamping jaw you can clamp strongly in no time at all. The clamping range is 3 mm.

Article no.	Article	Quantity	Weight	Code
FT 01934	Clamping jaw B28/20 L62 with pull down stopper	1 piece		P



Interface to the ruler set

With the adequate interface, the railer B28 or B72 can be clamped in the RulerSet. For the railers 320 mm, two pieces are required.

Article no.	Article	Quantity	Weight	Code
FT 01873	Basic Ruler IF100 for the railer B72	1 piece	0.55 kg	W
FT 01878	MultiClamp IF90° for the railer B28	1 piece	0.84 kg	W