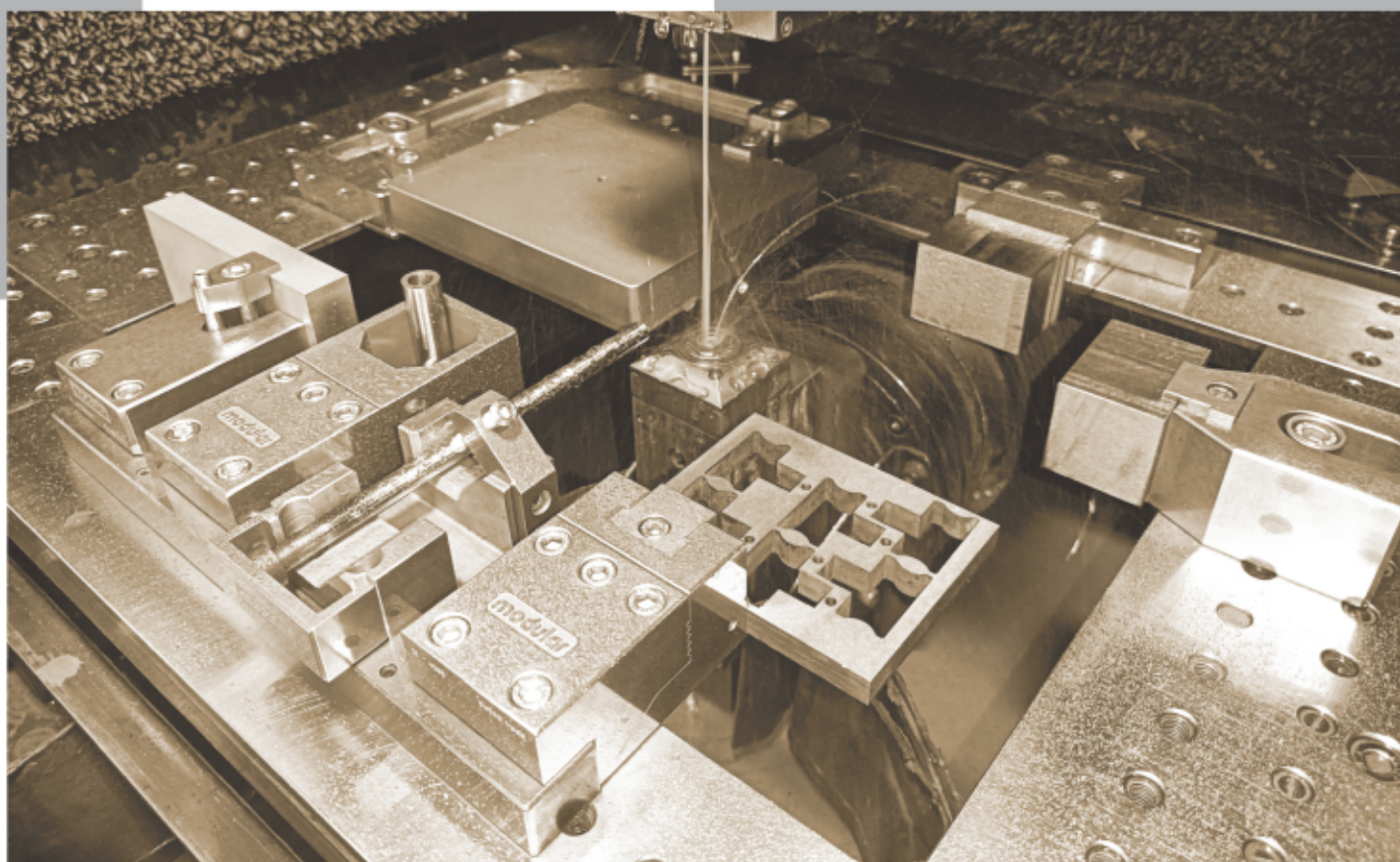


modular

Modular Fixing

WIRE EDM
FASTENING



2024
CATALOGUE
PRODUCTS

www.modularswiss.com

WE RELY ON THE BEST RESELLERS OF MACHINING CENTERS AND
EQUIPMENT TO GUARANTEE THE BEST SERVICE TO OUR CUSTOMERS



MADE IN SWISS

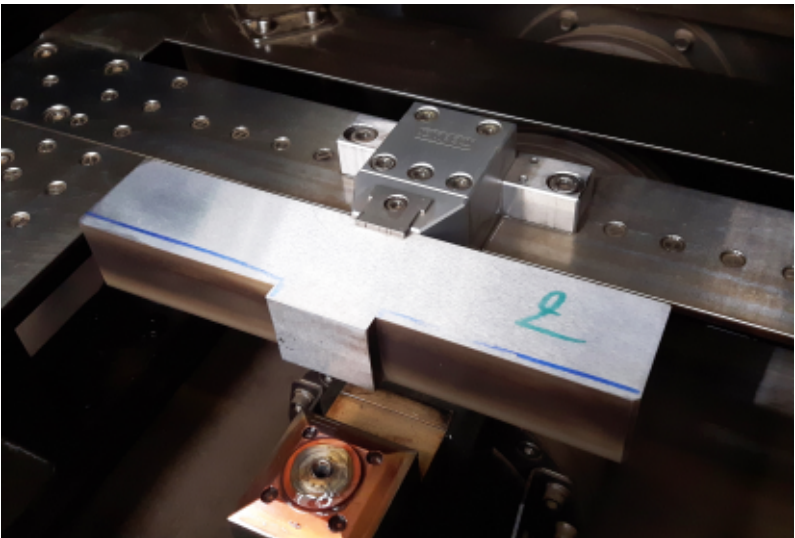
INTERNATIONAL DISTRIBUTION

CUSTOMIZED WORKMANSHIP



WIRE EDM FASTENING EQUIPMENT

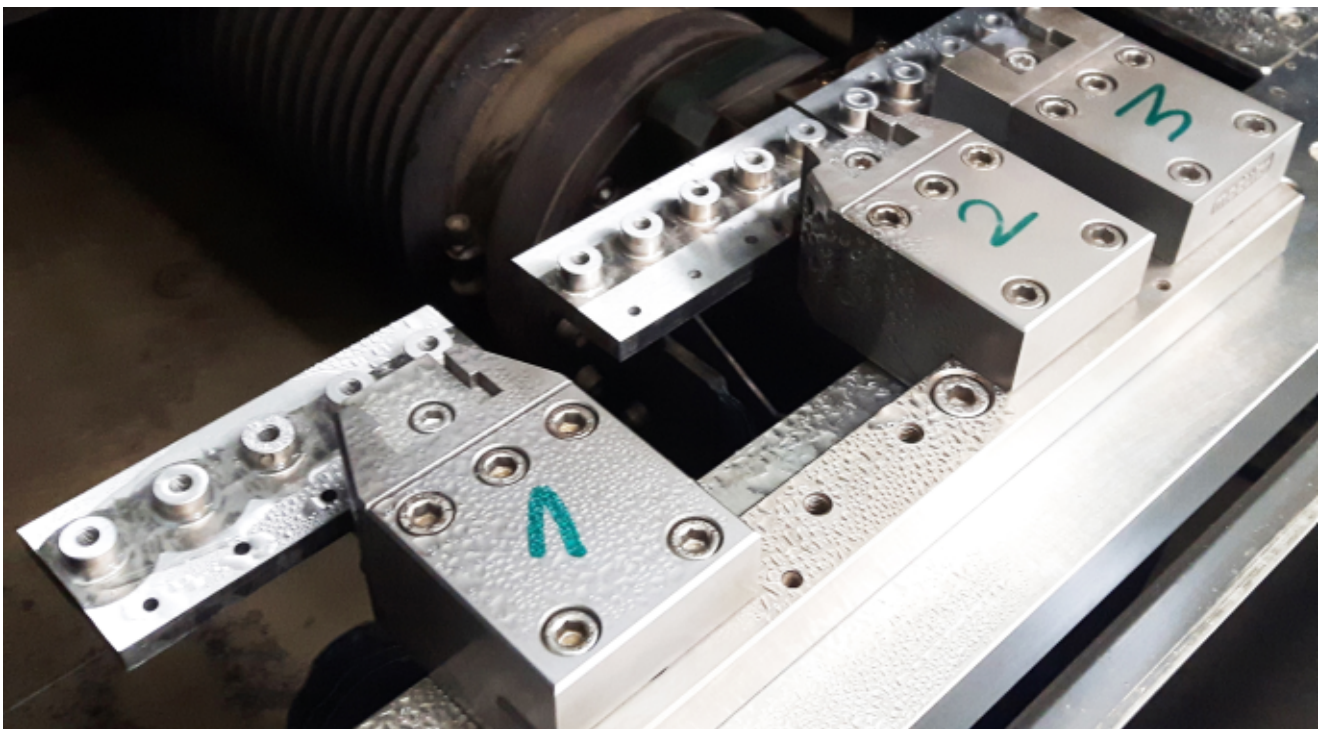
Modular Fixing operates in the field of precision mechanics. The know-how stems from the founder's more than 30 years of experience in the field of plastic mould design and construction, allowing to offer a high quality service starting with consultancy in the product definition phase and proceeding through construction, using CNC machines in the manufacture of components up to testing.



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The system is very flexible, allowing users to choose their equipment according to their specific needs. With minimal space requirements for the clamp body in the working area, it is possible to make full use of the space by machining several small parts even during periods when the machine is unmanned. It is from this philosophy that the MODULAR brand fastening products for ELECTROEROSION are born.



SIMPLICITY OF CONCEPT AND USE

Simple and quick adjustment of flatness.

Possibility of zeroing and machining not only on the front, but also on the sides.

Possibility of fixing workpieces with non-parallel perimeter faces.

Minimal footprint in the work area of the clamp - body, therefore more space for multi-placement.

Possibility of fixing large workpieces, using the clamps in pairs, keeping different parts of the perimeter of the workpiece free to facilitate zeroing and alignment.

Special versions for mould manufacturers, suitable for processing of punches, dies, injection bushes, spotting scope extractors, etc. . . .

Suitable for machining various faces of medium sized dowels.

A single clamp - body takes on different configurations depending on the ganascino used and the base on which it is anchored.

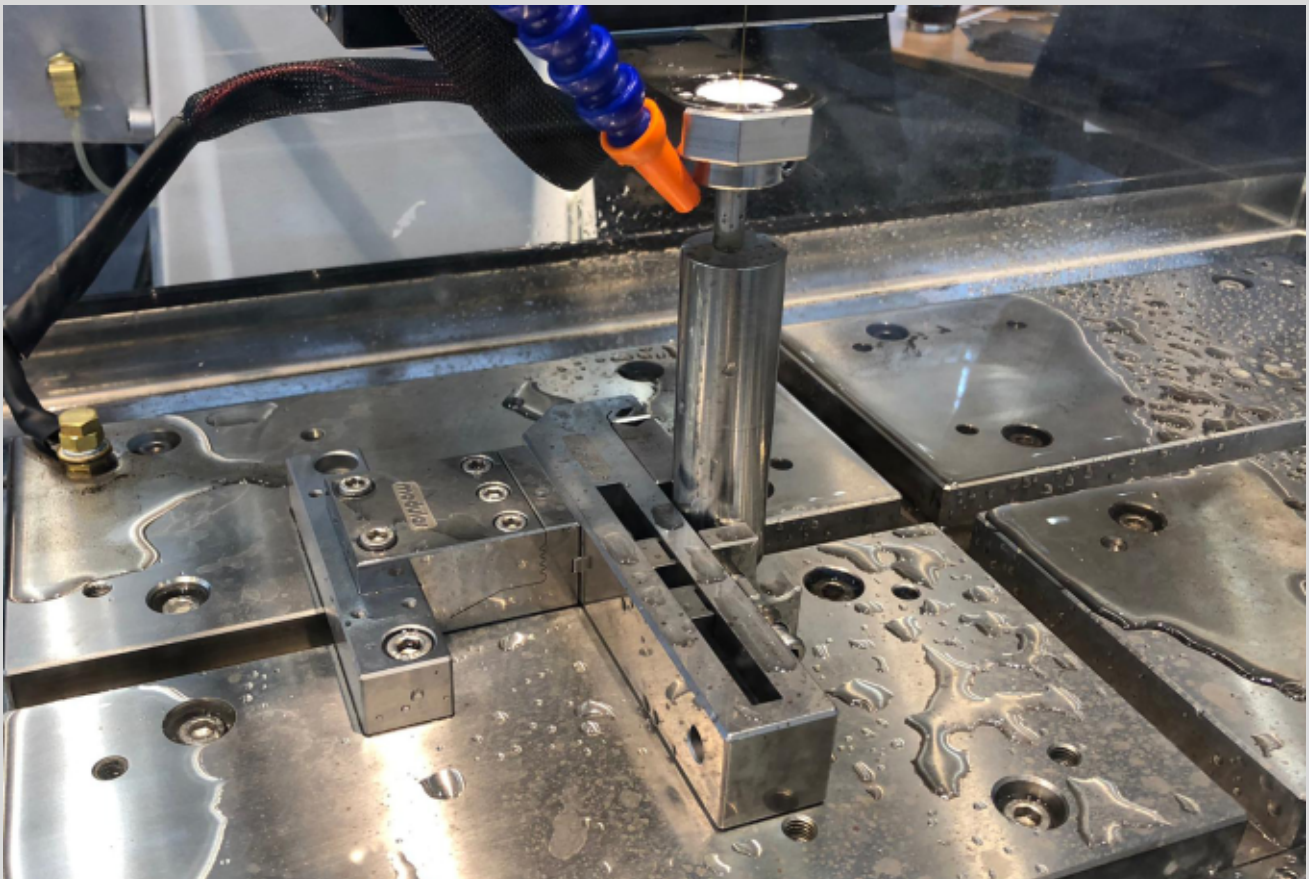
WHAT WE OFFER

Our goal is to make the use of facilities more profitable.

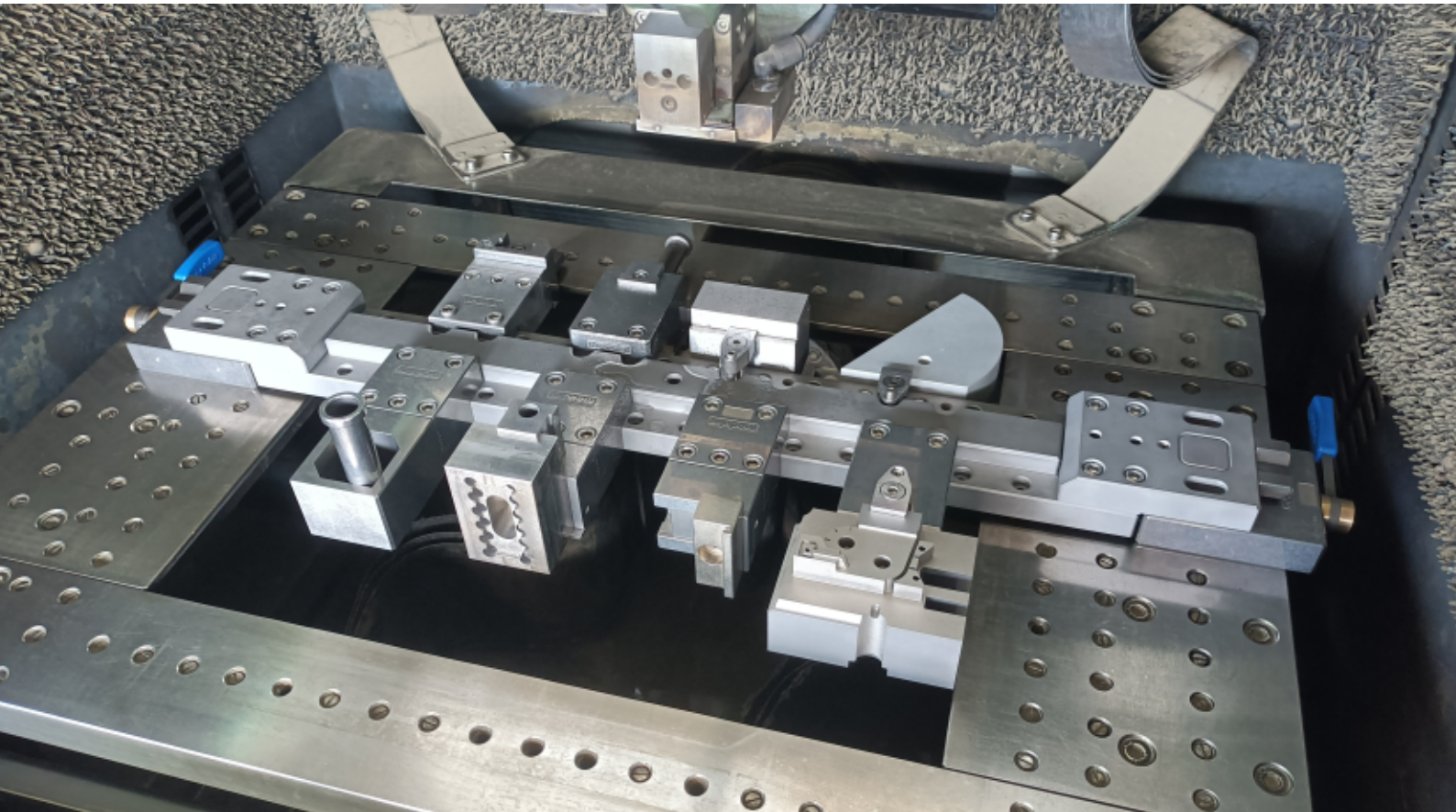
We offer a series of solutions that cover the most common needs, representing a set of tools designed to facilitate and speed up the work of operators of wire EDM machines. The solutions have been designed after many years of use of wire cutting technology, derive directly from real workshop needs.

Our modular equipment is designed for the fastening of parts that require wire cutting and require not only the ability to realign the pieces quickly and accurately, ensuring the stability of the piece, but also the ability to probe the part to be centered as free as possible from obstacles made up of the same fasteners. The jaws, which are interchangeably coupled to the bodies, have excellent sliding precision requirements, ensuring a good grip of the workpiece.

These features allow optimal use of the product over many years of use.

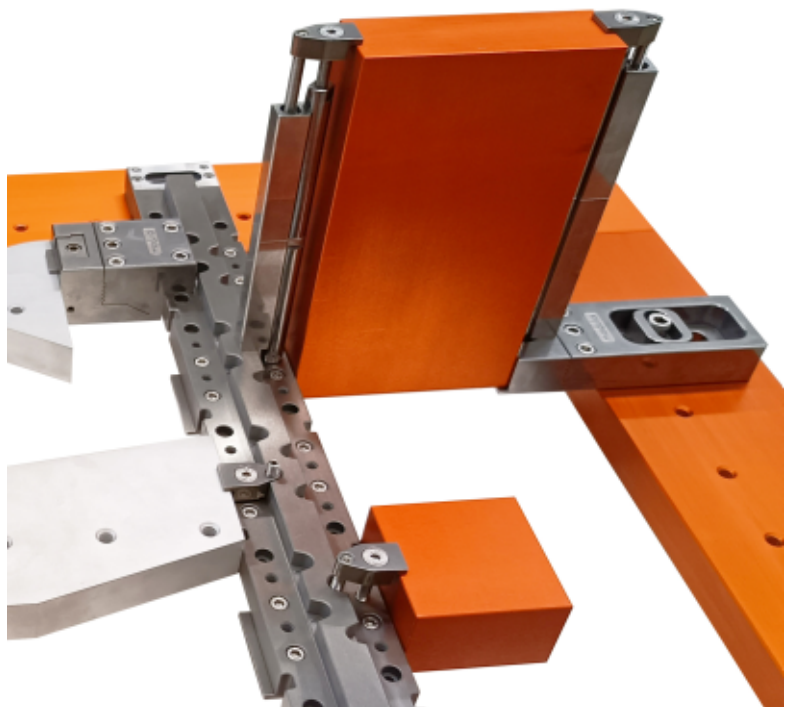


Both the body and the various accessories are made of treated, corrosion-resistant steel. The shape of the body is such that it allows an enormous number of adjustments without losing functionality. Manually attaching the clamps to the bases is very simple, and can be done in seconds. This method was chosen in order to maintain the simplicity and cost-effectiveness that characterises the entire product line, although it is possible to fix any version of the clamp onto pallets of any automated loading system. The biggest advantage is that parts are securely clamped and their flatness is quickly adjusted, either directly on the machine or externally by pre-setting.

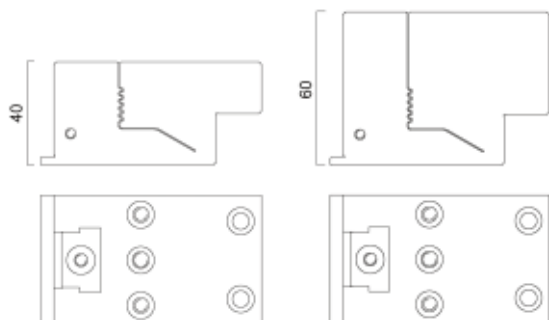


Possibility of centring, not only on the three free sides, but also on the fourth side used for fixing (on parts wider than 30 mm). It is also advantageous for clamping workpieces with non-parallel perimeter faces, which therefore do not allow gripping on the workpiece flanks.

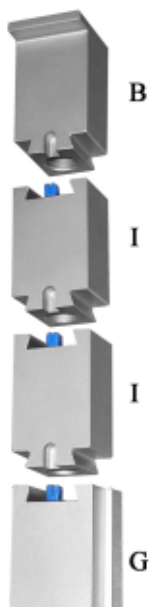
In the case of particularly heavy workpieces, or those with a large overhang, it is possible to use the clamps in pairs with each other or using the 01-150E and 01-250E supports without losing the possibility of adjusting the flatness and taking advantage of the centring of the nose on both sides on workpieces exceeding the width of the clamp.



The clamp bodies are 40 or 60 mm high.



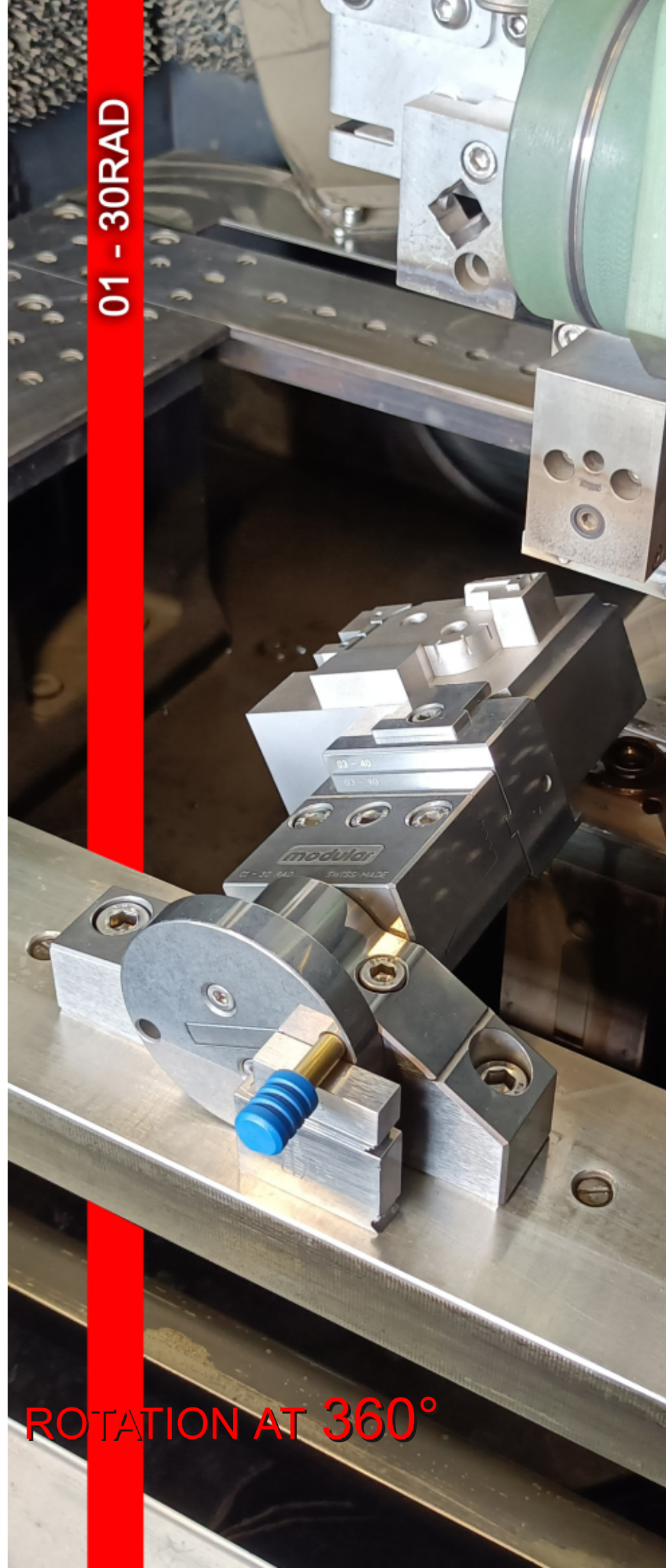
There are versions extended by 25 mm that can be used if you have a machine with a clamping frame having several rows of threaded holes.



The clamp bodies, in combination with the jaws, can clamp dowels with a height of up to 170 mm.

Using the jaw 01 - BIG, thanks to the addition of the intermediate elements, it is possible to bracket higher heights.



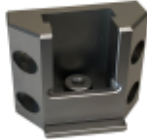



01 - 30RAD



SUPPORT RAD

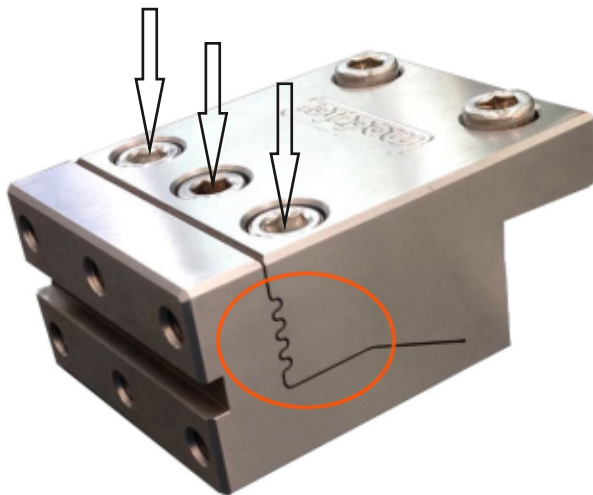
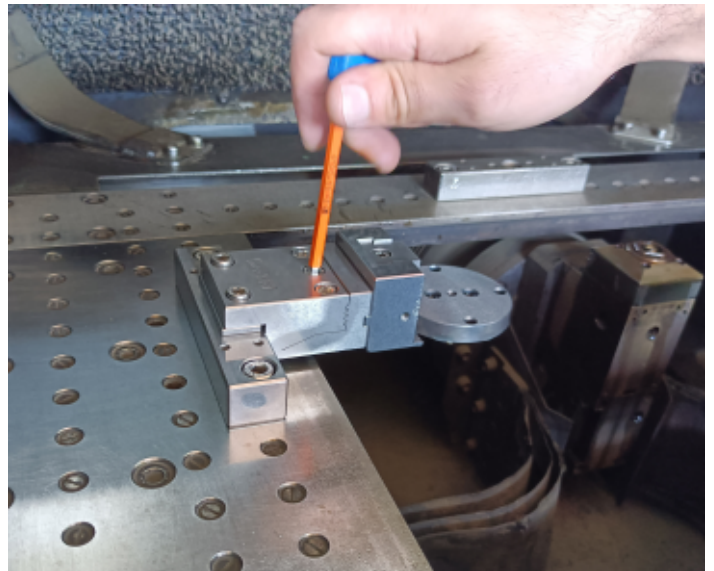
ROTATION AT 360°

PRODUCT CLASSIFICATION

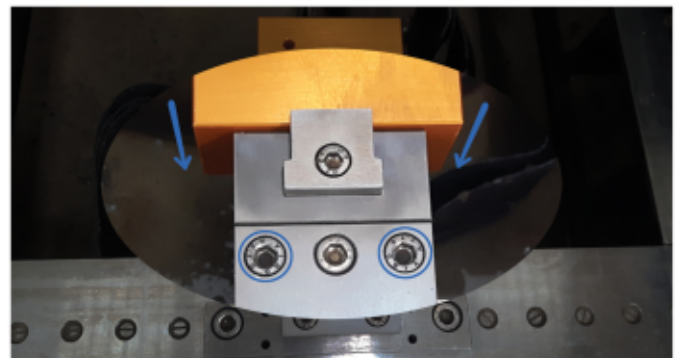
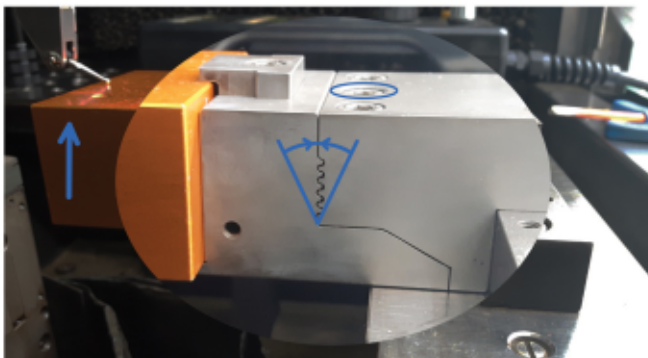
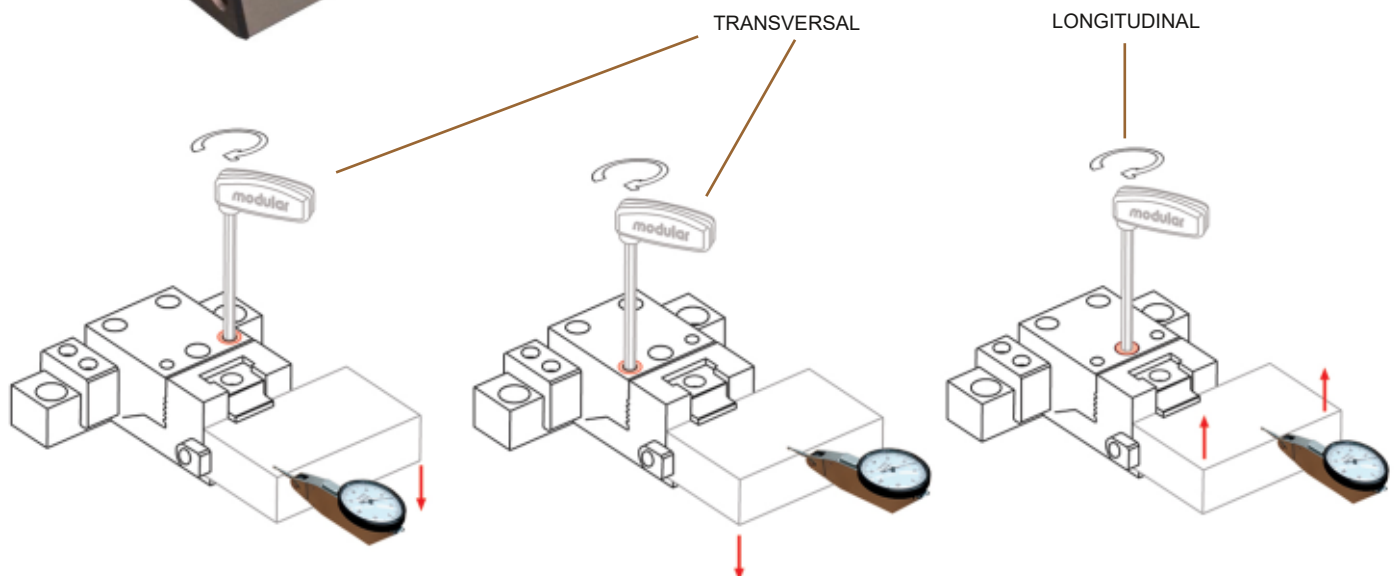
LINE 01	<p>CLAMP BODIES, BRACKETS AND JAWS</p> <p>The articles in line 01 can be considered the heart of our products.</p>	
LINE 02	<p>BASES</p> <p>The bases of line 02 are the interface on the machine table for the adjustable vice bodies of line 01 and line essential.</p>	
LINE 03	<p>ADDENDUM</p> <p>Line 03 items are appendages used exclusively with 01 - 30RAD and 01 - 3066 supports, making them multifunctional.</p>	
LINE ESSENTIAL	<p>NON-ADJUSTABLE ESSENTIAL CLAMP BODIES AND ADJUSTABLE ESSENTIAL CLAMP BODIES</p> <p>This minimalist line offers the possibility of a stable and secure fastening at a low cost.</p>	
LINE FAST	<p>CROSSBAR AND CLAMP BODIES WITH QUICK COUPLING</p> <p>Our fast line with a repeatability tolerance of 0.005 mm. Possibility of centring on a measuring machine.</p>	
LINE 02 CROSSBARS	<p>CROSSBARS</p> <p>Transverse bases anchored to the machine table. They can be used in combination with clamp bodies, brackets or fastening set.</p>	

QUICK AND EASY ADJUSTMENT OF FLATNESS

Both clamp bodies and supports use a very simple and fast system for adjusting the flatness of the workpiece.



Thanks to the serpentine and the elasticity of the material, perfect flatness can be achieved by adjusting the 3 M6 screws with a range of (± 0.1) in 50 mm transversal and (± 0.3) in 50 mm longitudinal.

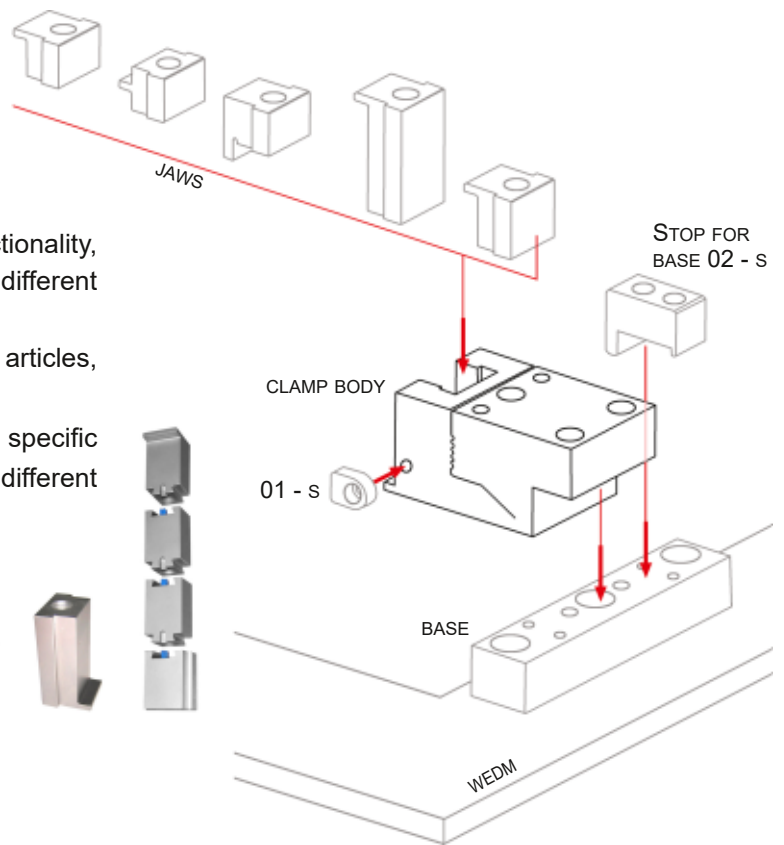


VERSATILE, MULTIFUNCTIONAL CLAMP BODIES

All lines are based on the concept of multi-functionality, allowing machining operations that require different fixings with a single clamp body.

This is possible thanks to the modularity of all articles, which are designed to interact with each other.

By using the most suitable jaws for the specific requirement, it is possible to clamp dowels of different heights and conformations.



The two adjustable supports 01 - 3066 and 01 - 30RAD can accommodate up to 10 different addendum.

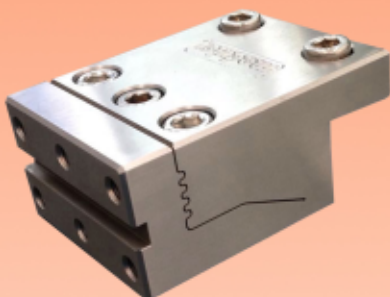
10 INTERCHANGEABLE ADDENDUM

10 DIFFERENT FIXINGS

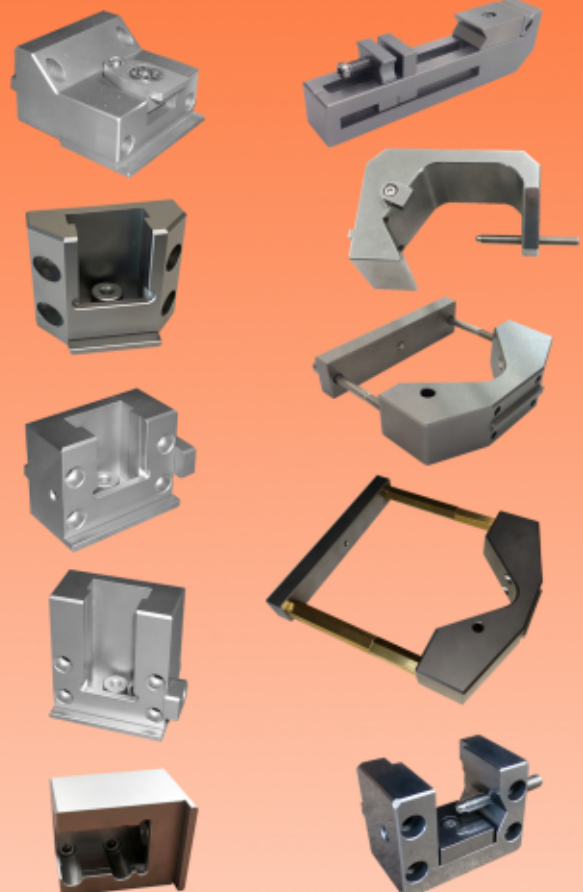
01 - 30RAD



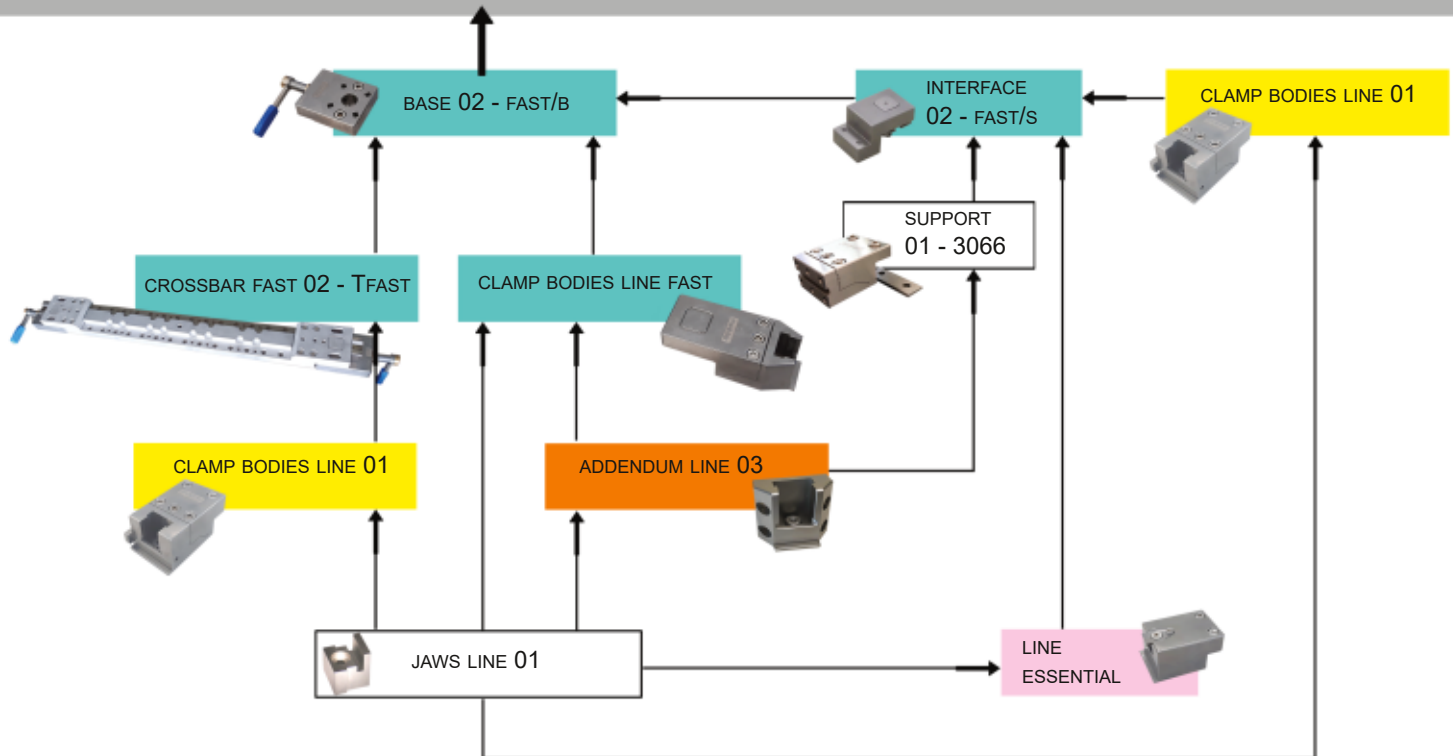
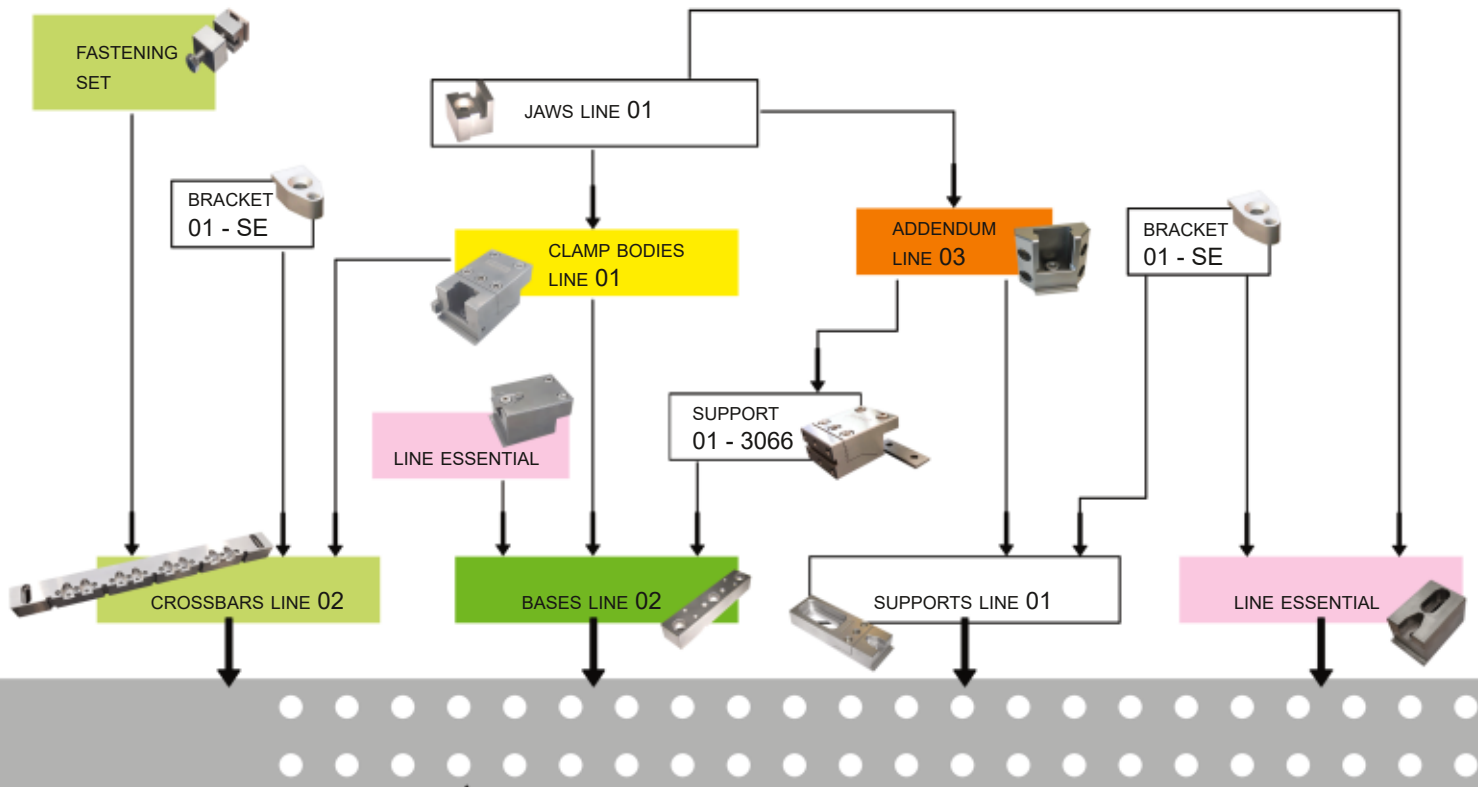
01 - 3066



ADDENDUM LINE 03

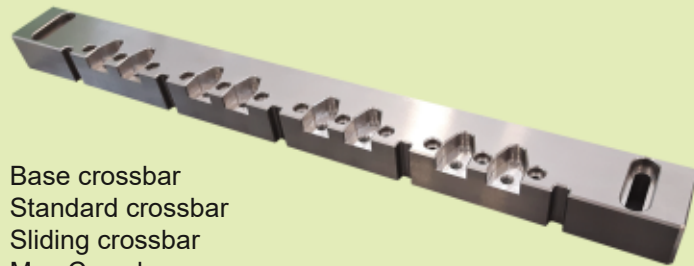


STANDARD FIXING



FIXING WITH FAST COUPLING

LINE 02 CROSSBARS



Base crossbar
Standard crossbar
Sliding crossbar
Max Crossbar
Plus Crossbar
Fastening set
Plates 02 - PS and 02 - PSZ

LINE 02 BASES

Single - location base 02 - 120
Single - location base 02 - 130R
Four - location base 02 - 250
Extensible base 02 - 250E
Angular 02 - CORNER
Stop for bases 02 - S



LINE 01 CLAMP BODIES

Adjustable clamp body 01 - 4085
Adjustable clamp body 01 - 40110
Adjustable clamp body 01 - 6085
Adjustable clamp body 01 - 60110
Adjustable clamp body 01 - 4085R
Adjustable clamp body 01 - 4085S
Adjustable clamp body 01 - D37
Rigid clamp body 01 - 4370I



LINE 03 ADDENDUM

Addendum 03 - 15
Addendum 03 - 40
Addendum 03 - 60
Addendum 03 - 40R
Addendum 03 - 40S
Addendum 03 - 24I
Addendum 03 - 116
Addendum 03 - D70
Addendum 03 - D100
Addendum 03 - D150
Interface 03 - 90°



LINE 01 SUPPORTS, BRACKETS AND JAWS

Extensible adjustable support 01 - 150E
Extensible adjustable support 01 - 250E
Extensible adjustable support 01 - 150EP
Extensible adjustable support 01 - 250EP
Adjustable support 01 - 3066
Adjustable support 01 - 30RAD
Stop for clamp bodies 01 - S
Standard bracket
Universal bracket 01 - SE
Spacer 01 - SED
Jaws



LINE ESSENTIAL

Rigid clamp bodies height 40
Rigid clamp bodies height 60
Rigid clamp bodies tapered height 40



Adjustable clamp body E - 4091.SE02
Adjustable clamp body E - 6091.SE02
Adjustable clamp body E - 4091R.SE02

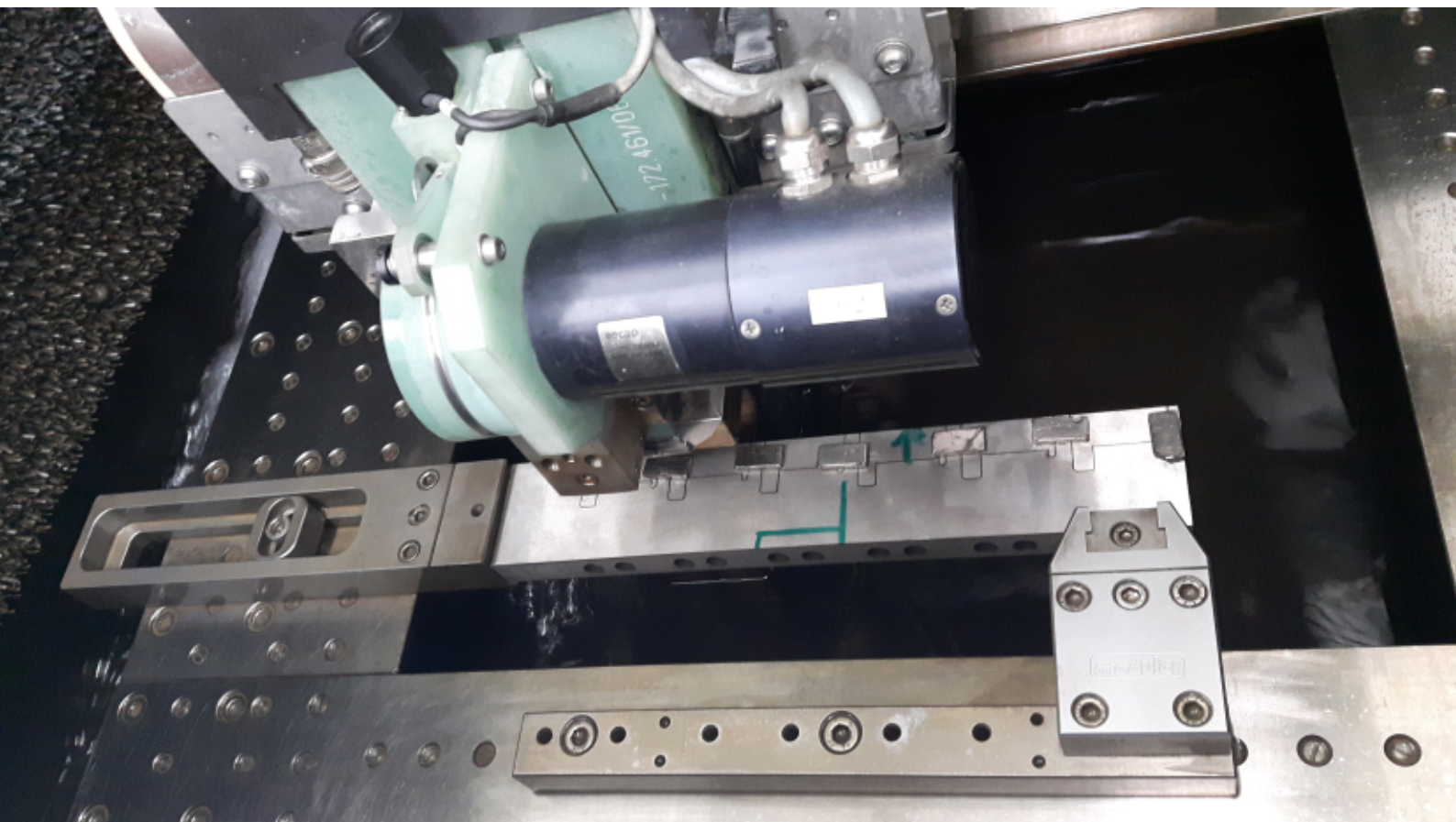
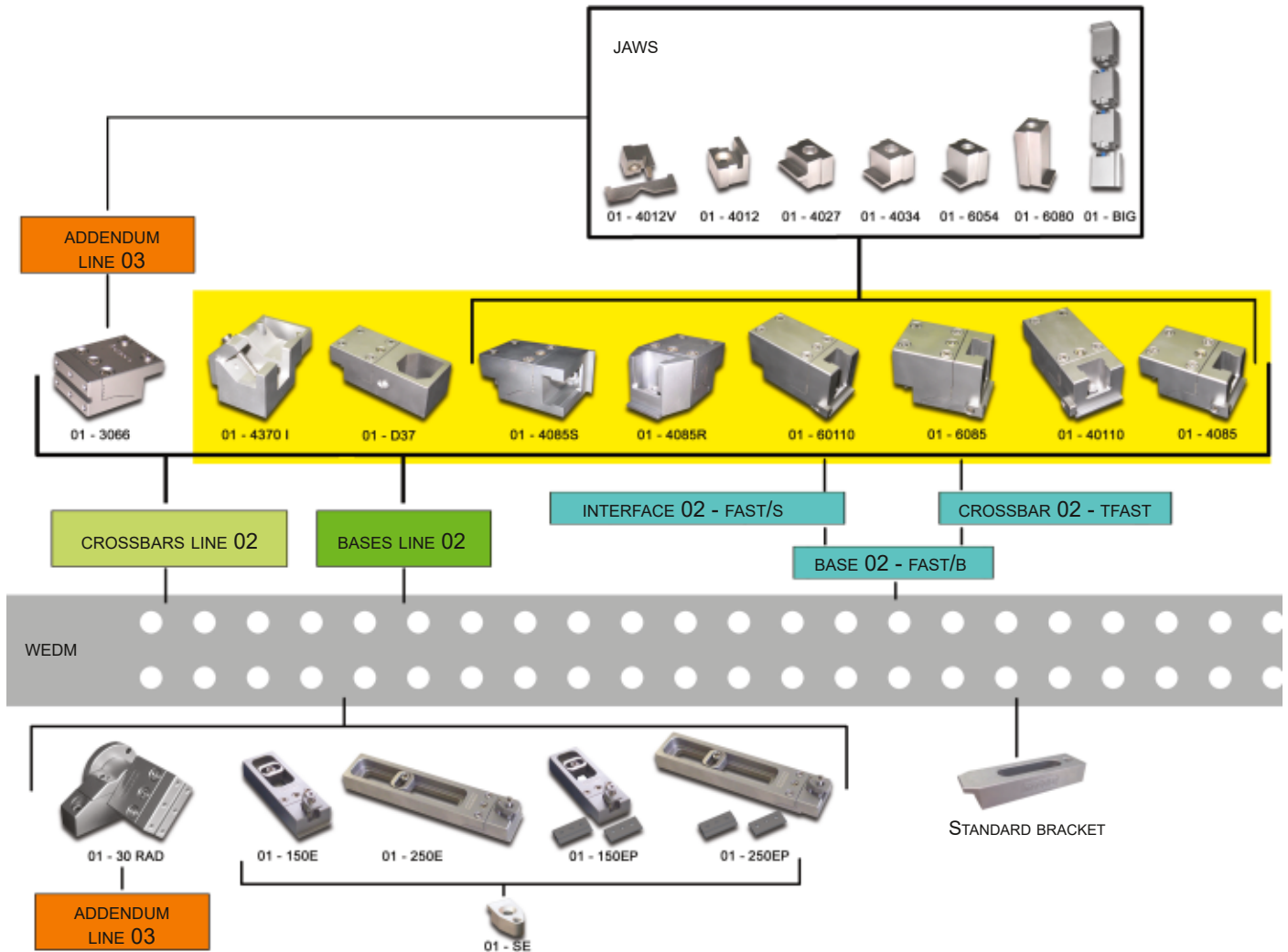
LINE FAST
















Adjustable clamp body FAST - 4085
Adjustable clamp body FAST - 6085
Adjustable clamp body FAST - 4085R
Adjustable clamp body FAST - 4085S
Adjustable clamp body FAST - D37
Adjustable support FAST - 3066

Base 02 - FAST/B
Interface 01 - FAST/S
Crossbar 02 - TFAST



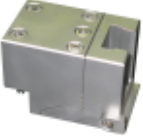





Line 01 Clamp bodies - Supports - Brackets - Jaws



Line 01 Clamp bodies - Supports - Brackets - Jaws

ARTICLE		
Jaw 01 – 4012	Fixing capacity: For clamp - bodies with height 40 mm ranging from 0 to 12 mm For clamp - bodies with height 60 mm ranging from 0 to 32 mm	
Jaw 01 – 4027	Fixing capacity: For clamp - bodies with height 40 mm ranging from 19,5 to 27 mm For clamp - bodies with height 60 mm ranging from 19,5 to 47 mm	
Jaw 01 – 4034	Fixing capacity: used on both sides For clamp - bodies with height 40 mm ranging from 12 to 34 mm For clamp - bodies with height 60 mm ranging from 12 to 54 mm	
Jaw 01 – 6054	Fixing capacity: used on both sides For clamp - bodies with height 40 mm ranging from 12 to 40 mm For clamp - bodies with height 60 mm ranging from 12 to 60 mm	
Jaw 01 – 6080	Fixing capacity: For clamp - bodies with height 40 mm ranging from 54 to 60 mm For clamp - bodies with height 60 mm ranging from 54 to 80 mm	
Modular Jaw 01 – BIG	Dovetail coupling of a guide element "G" and a locking element "B" plus two intermediate elements "I" which increase the clamping capacity by 30 mm each. Clamping capacity for 40 mm high clamp bodies: G+B from 73 to 90 mm G+I+B from 103 to 120 mm G+I+I+B from 133 to 150 mm Clamping capacity for 60 mm high clamp bodies: G+B from 73 to 110 mm G+I+B from 103 to 140 mm G+I+I+B from 133 to 170 mm	
Element 01 – I	Intermediate element "I" for the jaw 01 - BIG. Increasing capacity by 30 mm.	
Jaw 01 – 4012V	Fixing capacity: For clamp - bodies with height 40 mm ranging from 12 to 18 mm of diameter For clamp - bodies with height 60 mm ranging from 12 to 26 mm of diameter This item is composed of two elements. The first is a small jaw with a "V" shape. The second must be positioned on the shelf of the clamp-body, forming a housing in which is possible to fasten rounded shims. Excluding the support element allows the fixing capacity to be increased from 6.5 to 20 mm for 40 mm high clamp bodies and from 6.5 to 32 for 60 mm high clamp bodies.	
Jaw 01 – 15/25	Fasten normalized electrodes with stem 15 x 15 or stem 25 x 25.	
Stop 01 – S	Stop for clamp bodies. It offers the possibility to place equal pieces between them, without removing the clamp body from the machine, ensuring good repetitiveness of placement.	
Standard bracket	Bracket with mounting slots suitable for M8 screws.	
Bracket 01 – SE	Usable from both sides. Fixing capacity depending on the article to which it is mounted (varies from 12 to 80 mm).	
Spacer 01 - SED	In combination with bracket 01 - SE increases the clamping capacity by 50 mm.	

Line 01 Clamp bodies - Supports - Brackets - Jaws

ARTICLE		
Clamp body 01 – 4085	Adjustable clamp body with height 40 mm. Fixing capacity according to the jaw used. Supplied along with stop 01-S. A base of the 02 line or a crossbar is required for anchoring to the machine table. The workpiece is 3.3 mm above the machine table, allowing free passage of the lower thread guide head.	
Clamp body 01 – 40110	Adjustable clamp body with height 40 mm. Fixing capacity according to the jaw used. It can be fastened to the machine table using the holes of the second line, where available, in order to place workpieces directly on the machine board, without removing the bases. Supplied along with stop 01-S. A base of the 02 line or a crossbar is required for anchoring to the machine table. The workpiece is 3.3 mm above the machine table, allowing free passage of the lower thread guide head.	
Clamp body 01 – 6085	Adjustable clamp body with height 60 mm. Fixing capacity according to the jaw used. Supplied along with stop 01-S. A base of the 02 line or a crossbar is required for anchoring to the machine table. The workpiece is 3.3 mm above the machine table, allowing free passage of the lower thread guide head.	
Clamp body 01 – 60110	Adjustable clamp body with height 60 mm. Fixing capacity according to the jaw used. It can be fastened to the machine table using the holes of the second line, where available, in order to place workpieces directly on the machine board, without removing the bases. Supplied along with stop 01-S. A base of the 02 line or a crossbar is required for anchoring to the machine table. The workpiece is 3.3 mm above the machine table, allowing free passage of the lower thread guide head.	
Clamp body 01 – 4085R	Adjustable clamp body with height 40 mm. Fixing capacity according to the jaw used. With a tapering in the frontal part (nose), which reduces the width to only 30 mm. A base of the 02 line or a crossbar is required for anchoring to the machine table. The workpiece is 3.3 mm above the machine table, allowing free passage of the lower thread guide head.	
Clamp body 01 – 4085S	Adjustable clamp body with height 40 mm. Rotated of 90°. Fixing capacity according to the jaw used. A base of the 02 line or a crossbar is required for anchoring to the machine table. Allows parts to be fixed in the same plane as the machine table.	
Clamp body 01 – D37	Adjustable clamp body. Fixing capacity diameter 4 to 37 mm. Used to fix the workpieces with a cylindrical shape. Centring of the workpiece on the outside is also possible by exploiting the angle walls. Fixing of quadrangular workpieces is also possible. A base of the 02 line or a crossbar is required for anchoring to the machine table.	
Clamp body 01 – 4370I	Rigid clamp body. For securing injection bushings of any standard size and embossing punches with a diameter up to 25 mm. A base of the 02 line or a crossbar is required for anchoring to the machine table.	

Line 01 Clamp bodies - Supports - Brackets - Jaws

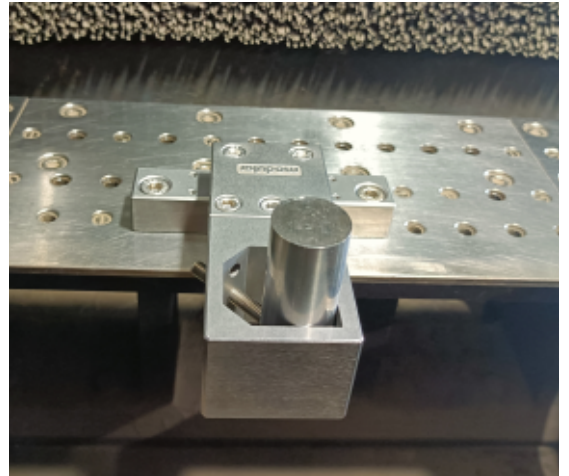
Example of processing:

Base 02 - 250 Clamp body 01 - 6085 Jaw 01 - BIG with 3 intermediate elements



Example of processing:

Base 02 - 120 Clamp body 01 - D37



Example of processing:

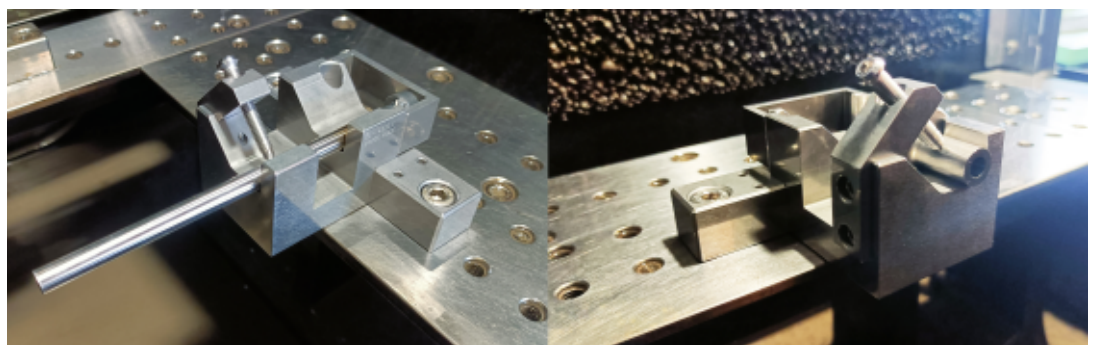
Base 02 - 250 Clamp body 01 - 4085 Jaw 01 - 4034









Example of processing:

Base 02 - 120

Clamp body 01 - 4370I

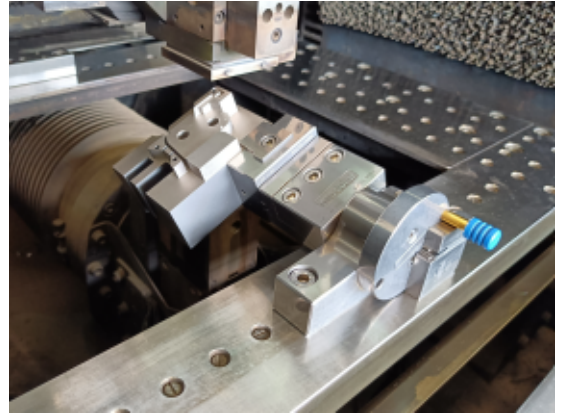


Line 01 Clamp bodies - Supports - Brackets - Jaws

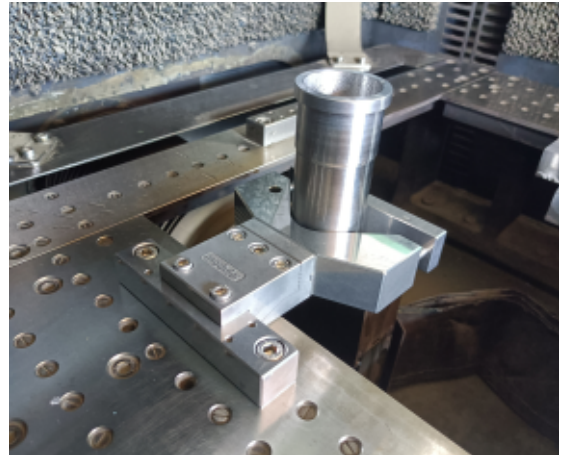
ARTICLE		
Support 01 – 3066	Adjustable support on which to apply any addendum from the 03 line. Supplied complete with anti-collision plate. A base of the 02 line or a crossbar is required for anchoring to the machine table. The part to be machined is fixed to an addendum of line 03 and is at the same height as the machine table or at a height of 3.3 mm if the anti-collision plate is used, allowing free passage of the lower thread guide head.	
Support 01 – 30RAD	Adjustable support on which to apply any addendum from the 03 line. Can be rotated 360 degrees with an increment of 0.01 degree and a tolerance of 0.05 degree. For horizontal, vertical and 45° positioning you can use the holes on the base by inserting the pin provided. For the centesimal positioning use the TABLE OF BLOCKS which is provided. The base for anchoring to the machine table is an integral part of the product.	
Support 01 – 150E	Adjustable extensible support with integrated workpiece holder plate. Supplied complete with bracket 01 - SE, fixing capacity 12 to 53 mm. Span adjustment in length up to 43 mm. Span adjustment in width up to 14 mm. The anchorage is direct to the machine table. The workpiece is 3.3 mm above the machine table, allowing free passage of the lower thread guide head.	
Support 01 – 150EP	Adjustable extensible support with two removable workpiece holder plates (02 - PS and 02 - PSZ). Supplied complete with bracket 01 - SE, fixing capacity 12 to 53 mm. Span adjustment in length up to 43 mm. Span adjustment in width up to 14 mm. The anchorage is direct to the machine table. When using plate 02 - PS the workpiece is 3.3 mm above the machine table allowing free passage of the lower thread guide head, it is zero when using plate 02 - PSZ.	
Support 01 – 250E	Adjustable extensible support with integrated workpiece holder plate. Supplied complete with bracket 01 - SE, fixing capacity 12 to 53 mm. Span adjustment in length up to 140 mm. Span adjustment in width up to 14 mm. The anchorage is direct to the machine table. The workpiece is 3.3 mm above the machine table, allowing free passage of the lower thread guide head.	
Support 01 – 250EP	Adjustable extensible support with two removable workpiece holder plates (02 - PS and 02 - PSZ). Supplied complete with bracket 01 - SE, fixing capacity 12 to 53 mm. Span adjustment in length up to 140 mm. Span adjustment in width up to 14 mm. The anchorage is direct to the machine table. When using plate 02 - PS the workpiece is 3.3 mm above the machine table allowing free passage of the lower thread guide head, it is zero when using plate 02 - PSZ.	

Line 01 Clamp bodies - Supports - Brackets - Jaws

Example of processing:
Support 01 - 30RAD Addendum 03 - 40 Jaw 01 - 6054



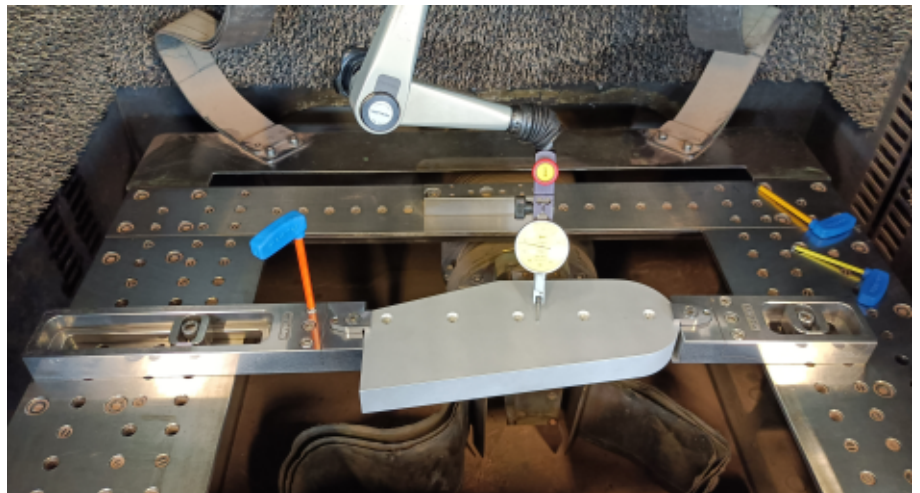
Example of processing:
Base 02 - 120 Support 01 - 3066 Addendum 03 - D100

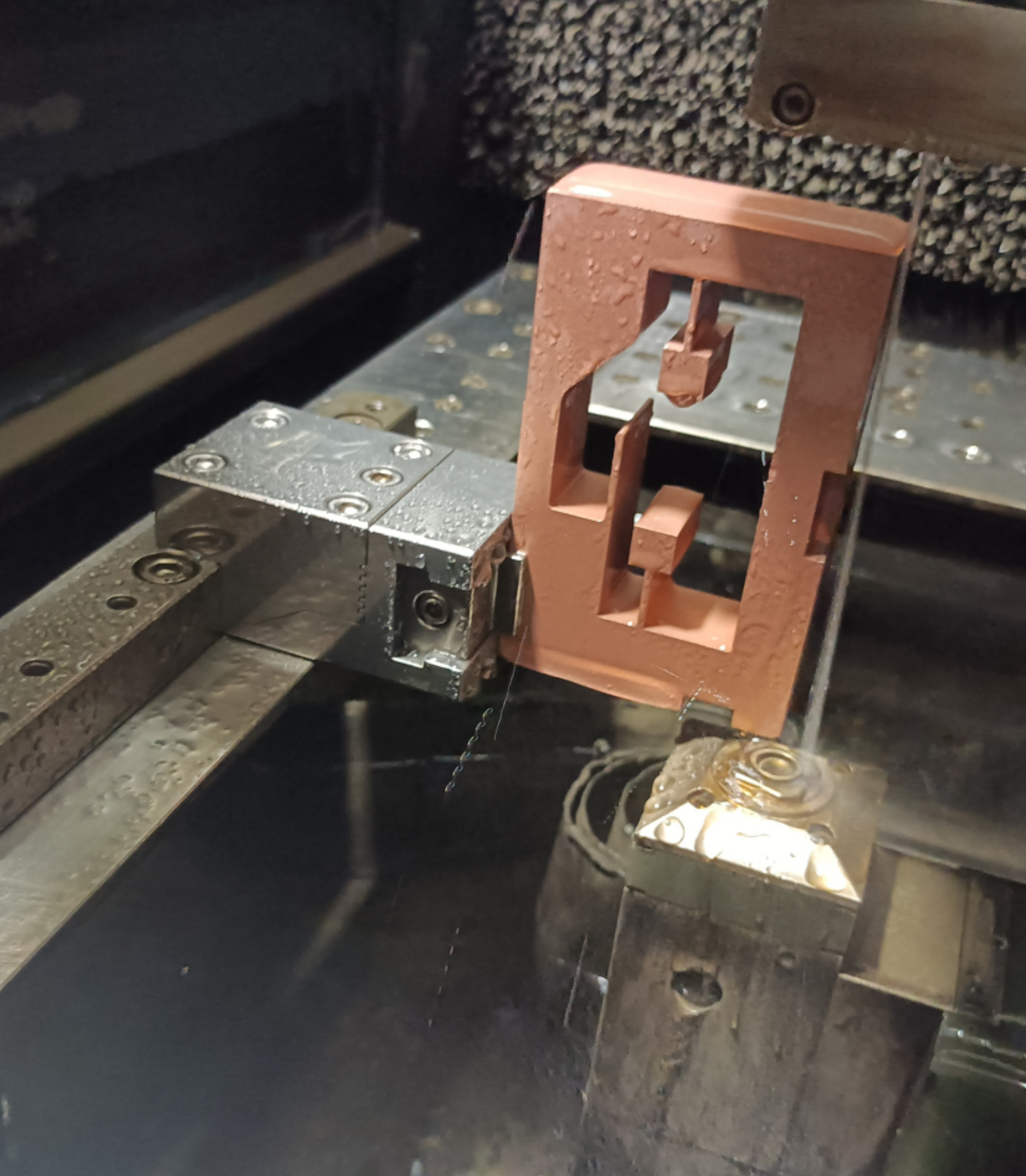


Example of processing:
Support 01 - 150E

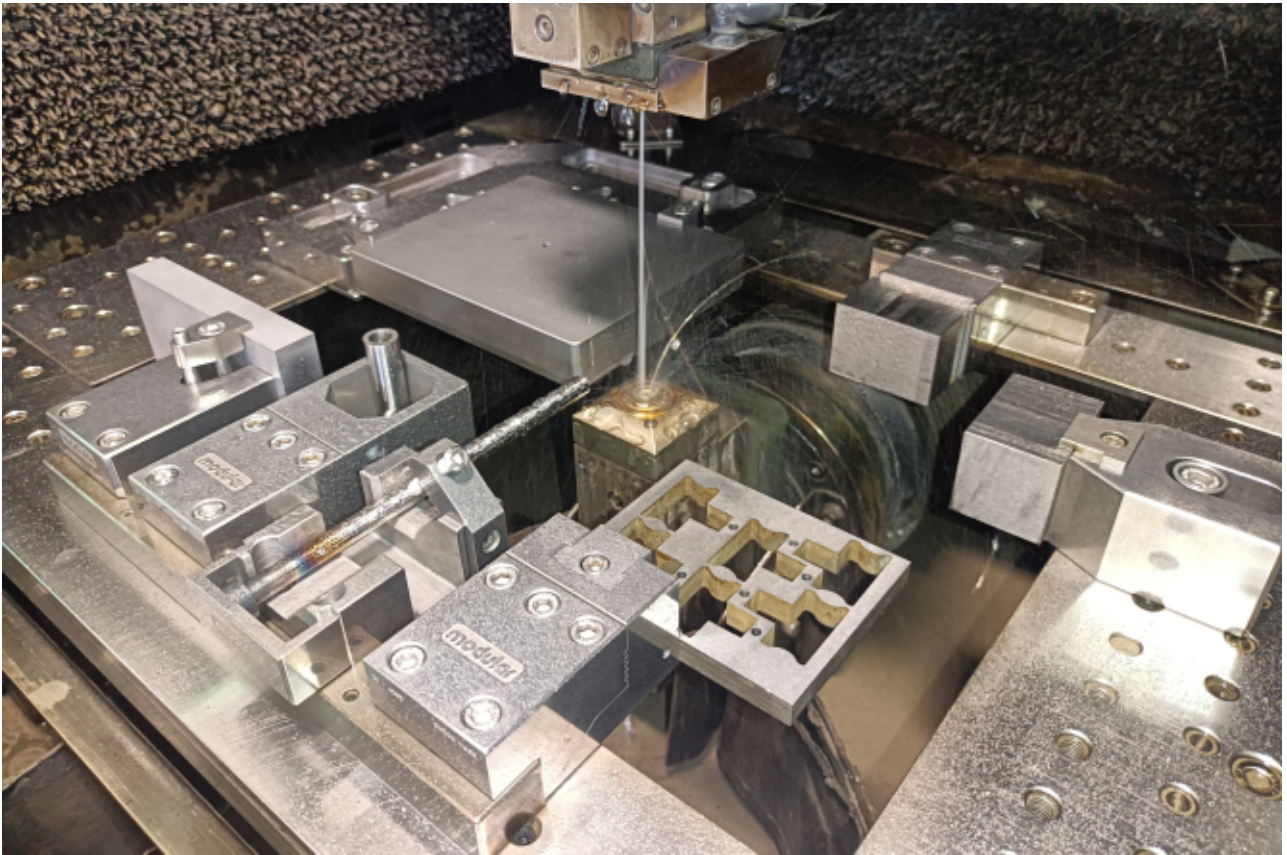


Example of processing:
Support 01 - 150E Support 01 - 250E





Example of processing:
Base 02 - 250 Clamp body 01 - 4085S Jaw 01 - 4034



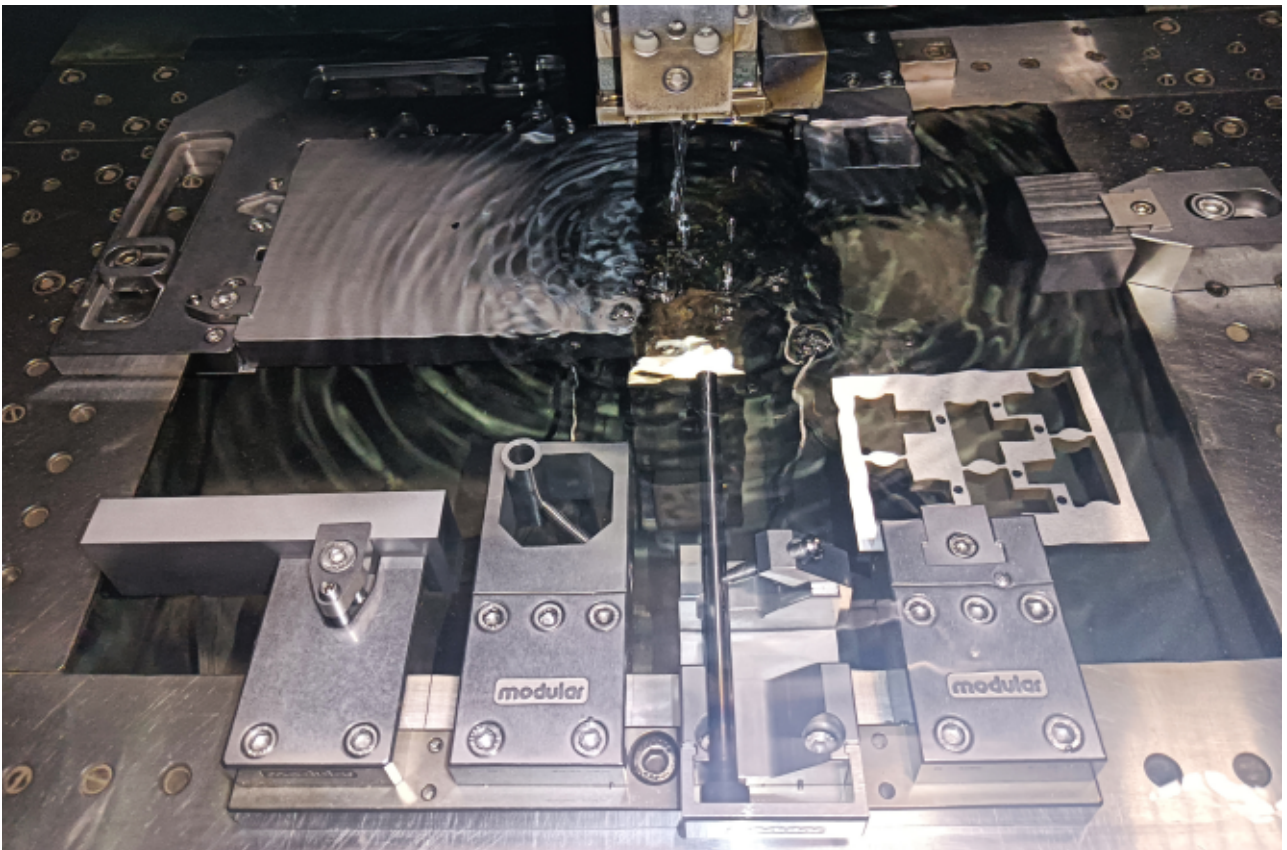
Example of multiple processing:

Base 02 - 250 Clamp body 01 - 4085 Jaw 01 - 4034 Clamp body 01 - 4370I Clamp body 01 - D37 Clamp body E - 4075.SE02







Angular 02 - CORNER

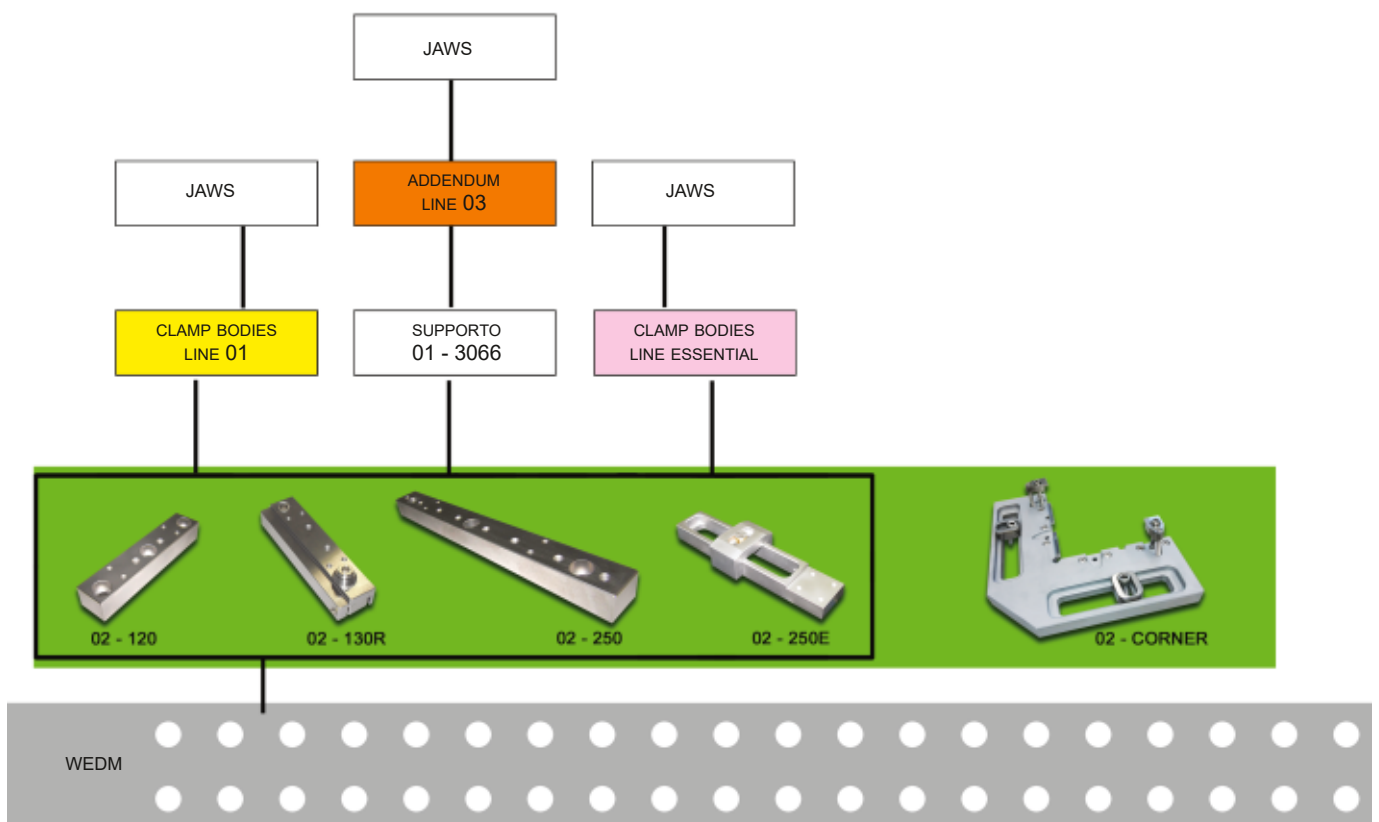
Base 02 - 120 Clamp body 01 - 4085S Jaw 01 - 6054

Clamp body E - 4075R.J Jaw 01 - 4034



Line 02 Bases

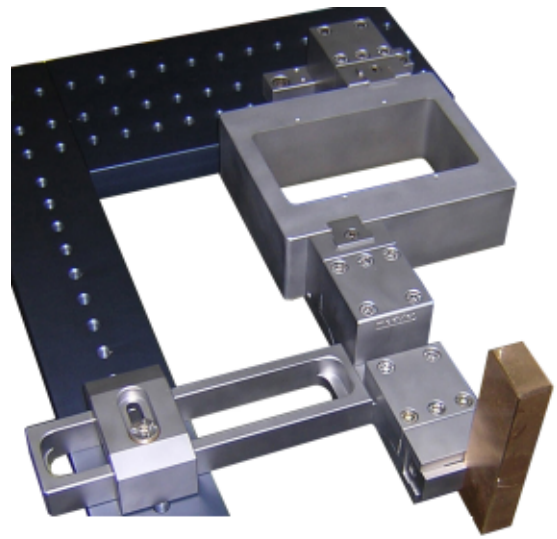
ARTICLE		
Base 02 – 120	Single - location base. For securing any type of clamp-body. Outfitted to fix stop 02-S.	
Base 02 – 130R	Single - location base. For securing any type of clamp-body. Outfitted to fix stop 02-S. Allows mechanical pre-set in the "C" axe.	
Base 02 – 250	Four - location base. For securing any type of clamp-body. Outfitted to fix stop 02-S.	
Base 02 – 250E	Extensible base. To be used when 2 opposite clamp are needed, for heavy or high suspended workpieces. Span adjustment in length up to 160 mm. Span adjustment in width up to 25 mm.	
Angular 02 – CORNER	Angular. Span adjustment in length up to 114 mm. Span adjustment in width up to 14 mm. Supplied complete with: n° 2 bracket 01 – SE, For securing workpieces of 15 - 55 mm height. n° 4 plates 02 – PS	
Stop 02 – S	Stop for bases.	



Line 02 Bases

Example of multiple processing:

Base 02 - 250E Clamp body 01 - 4085S Jaw 01 - 4012
 Clamp body 01 - 6085 Jaw 01 - 6054 Base 02 - 120
 Clamp body 01 - 4085 Jaw 01 - 6080

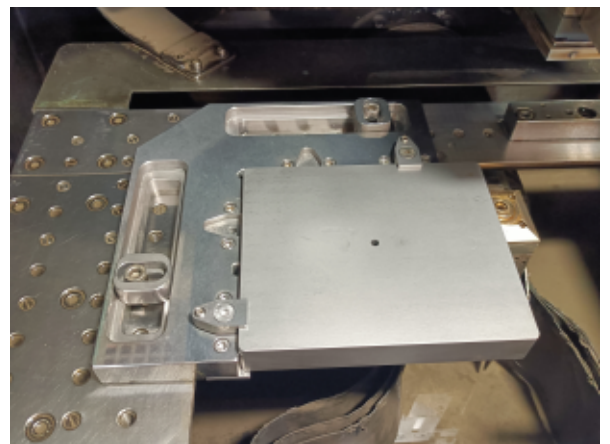


Example of multiple processing:

Base 02 - 250E Clamp body 01 - 4085 Jaw 01 - 4034
 Clamp body 01 - 4085R Jaw 01 - 4034

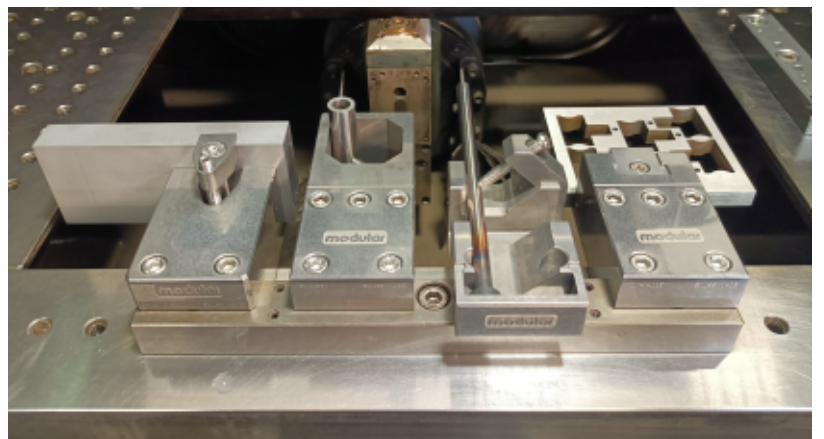


Example of processing:
 Angular 02 - CORNER



Example of multiple processing:

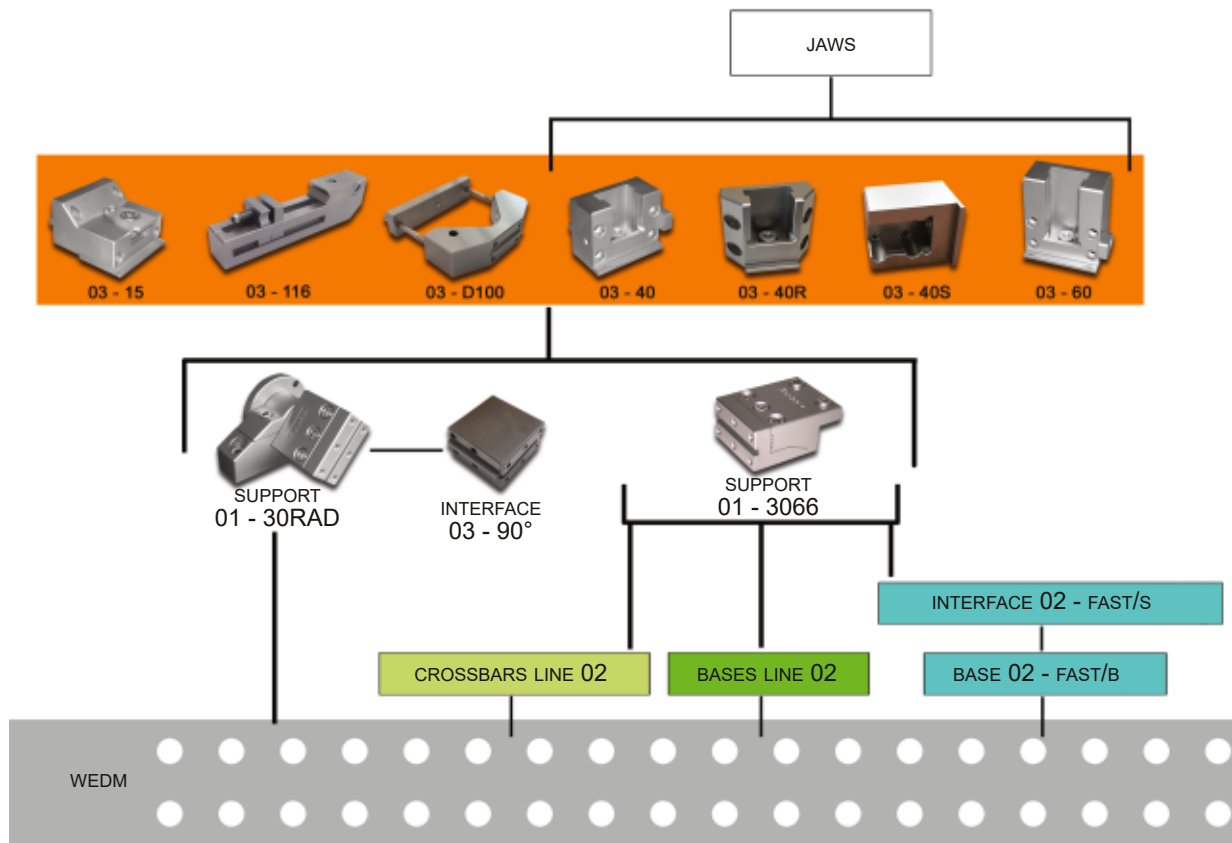
Base 02 - 250E
 Clamp body E - 4075.SE02
 Clamp body 01 - D37
 Clamp body 01 - 4370I
 Clamp body 01 - 4085 Jaw 01 - 4034



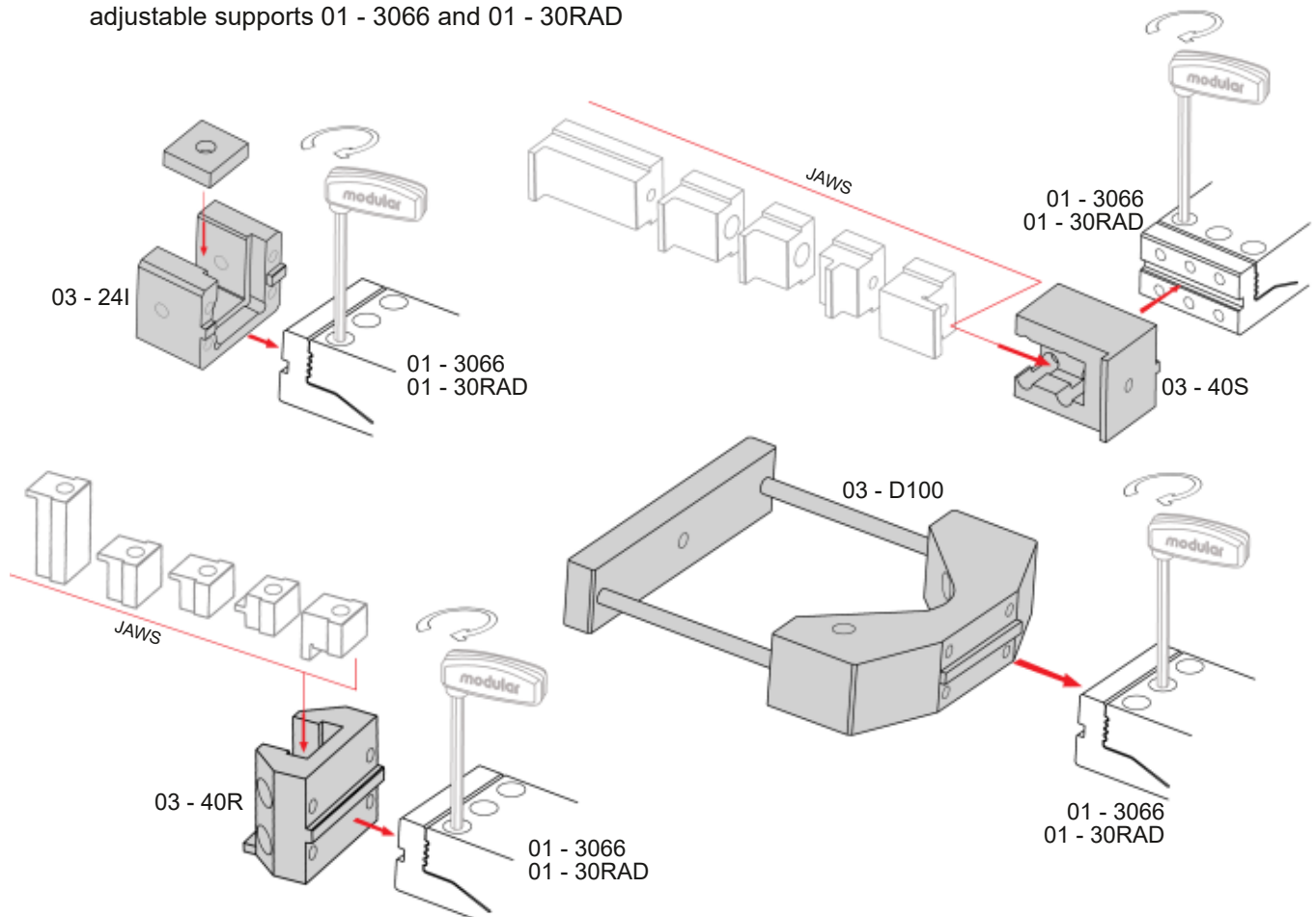
Line 03 Addendum - Can only be used in combination with supports 01 - 30RAD and 01 - 3066

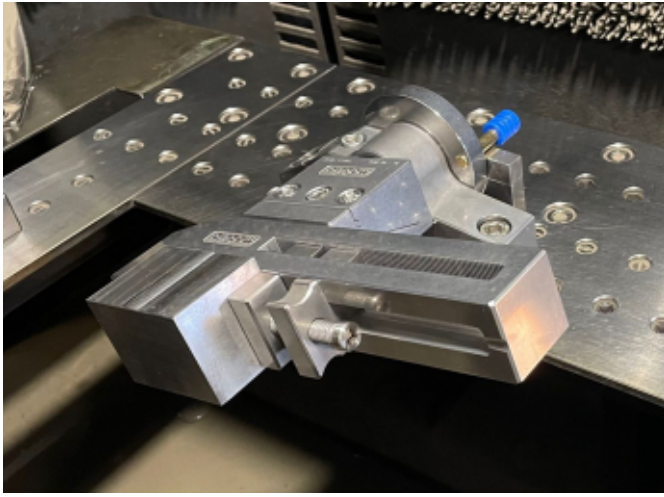
ARTICLE		
Interface 03 – 90°	Interface to be applied to the article 01 – 30RAD (on which flatness adjustment is possible). To have a sloping cut on two different planes.	
Addendum 03 – 15	Addendum to be used in combination with support 01-3066 or 01 - 30RAD. Suitable for machining low pieces. Clamp height 15 mm. The locking of the workpieces is done trough a bracket 01-SE, which is included. Fixing capacity from 12 to 53 mm.	
Addendum 03 – 40	Addendum to be used in combination with support 01-3066 or 01 - 30RAD. Clamp height 40 mm. Fixing capacity according to the jaw used. Supplied along with stop 01-S.	
Addendum 03 – 40R	Addendum to be used in combination with support 01-3066 or 01 - 30RAD. With a tapering in the frontal part (nose), which reduces the width to only 30 mm. Clamp height 40 mm. Fixing capacity according to the jaw used.	
Addendum 03 – 40S	Addendum to be used in combination with support 01-3066 or 01 - 30RAD. Rotated of 90°. Clamp height 40 mm. Fixing capacity according to the jaw used.	
Addendum 03 – 60	Addendum to be used in combination with support 01-3066 or 01 - 30RAD. Clamp height 60 mm. Fixing capacity according to the jaw used. Supplied along with stop 01-S.	
Addendum 03 – 24I	Addendum to be used in combination with support 01-3066 or 01 - 30RAD. Particularly suitable for fixing punches. Capacity for round workpieces from 2 to 24 mm in diameter. Capacity for square pieces up to 24 mm. It comes complete with a removable plate used for small square pieces.	
Addendum 03 – 116	Addendum to be used in combination with support 01-3066 or 01 - 30RAD. Excluding the use of jaws, it uses a rapid positioning cursor. Fixing capacity from zero to 116 mm. Allows parts to be fixed in the same plane as the machine table. The pieces can be supported on the body itself or on the "V" of the spacer, which is supplied. It is possible to fix pieces with particular profiles, shaping the spacer specifically, which can be provided upon request.	
Addendum 03 – D100	Addendum to be used in combination with support 01-3066 or 01 - 30RAD. Suitable for fixing of round with a diameter from 37 to 100 mm.	
Addendum 03 – D150	Addendum to be used in combination with support 01-3066 or 01 - 30RAD. Suitable for fixing of round with a diameter from 37 to 150 mm.	
Addendum 03 – D70	Addendum to be used in combination with support 01-3066 or 01 - 30RAD. Suitable for fixing of round with a diameter from 30 to 70 mm. Supplied along with stop 01-S.	

Line 03 Addendum - Can only be used in combination with supports 01 - 30RAD and 01 - 3066

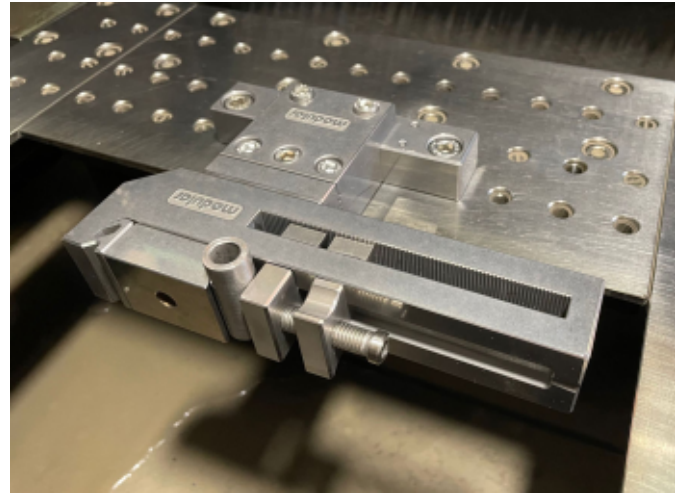


Attach the appendage most suitable for the workpiece to be machined to the adjustable supports 01 - 3066 and 01 - 30RAD

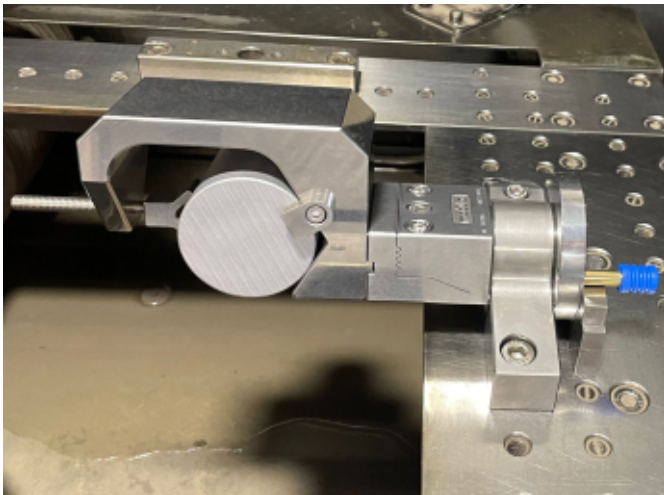




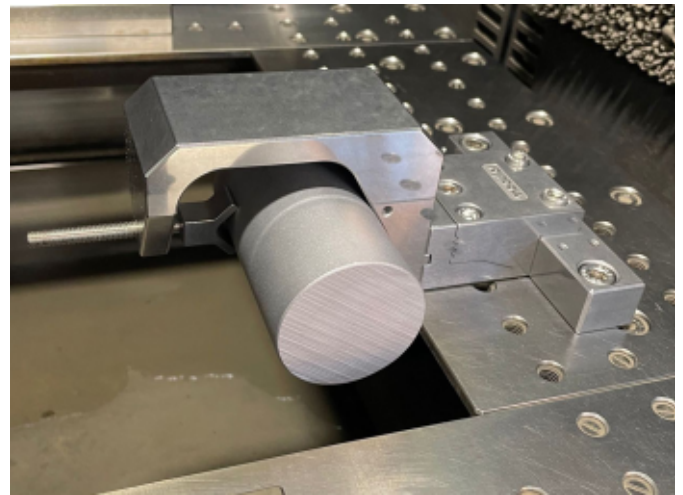
Example of processing:
Support 01 - 30RAD Addendum 03 - 116



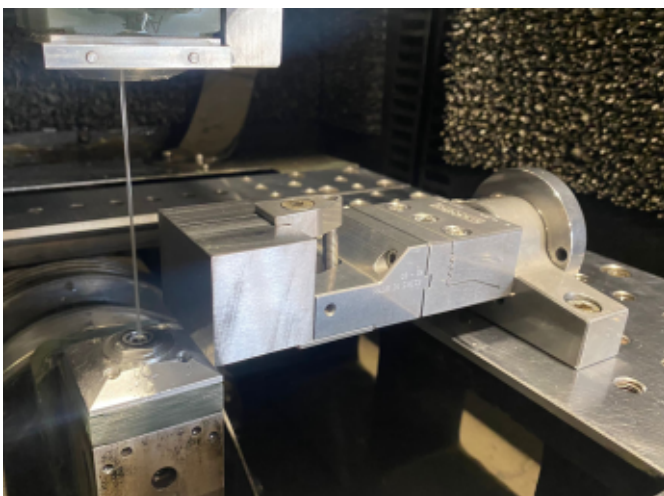
Example of processing:
Base 02 - 120 Support 01 - 3066 Addendum 03 - 116



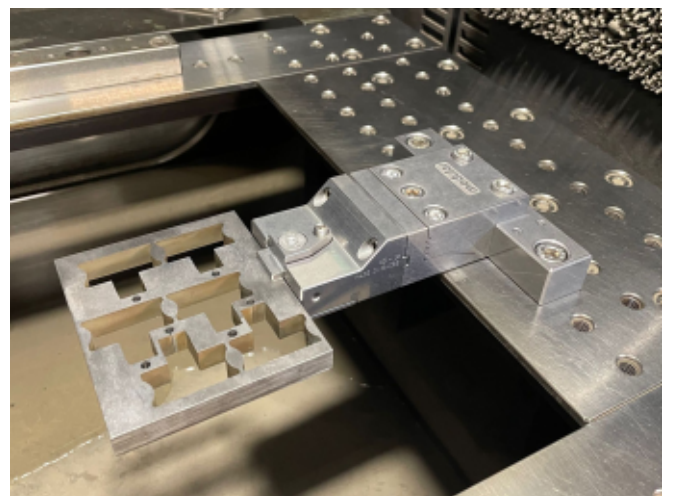
Example of processing:
Support 01 - 30RAD Addendum 03 - D70



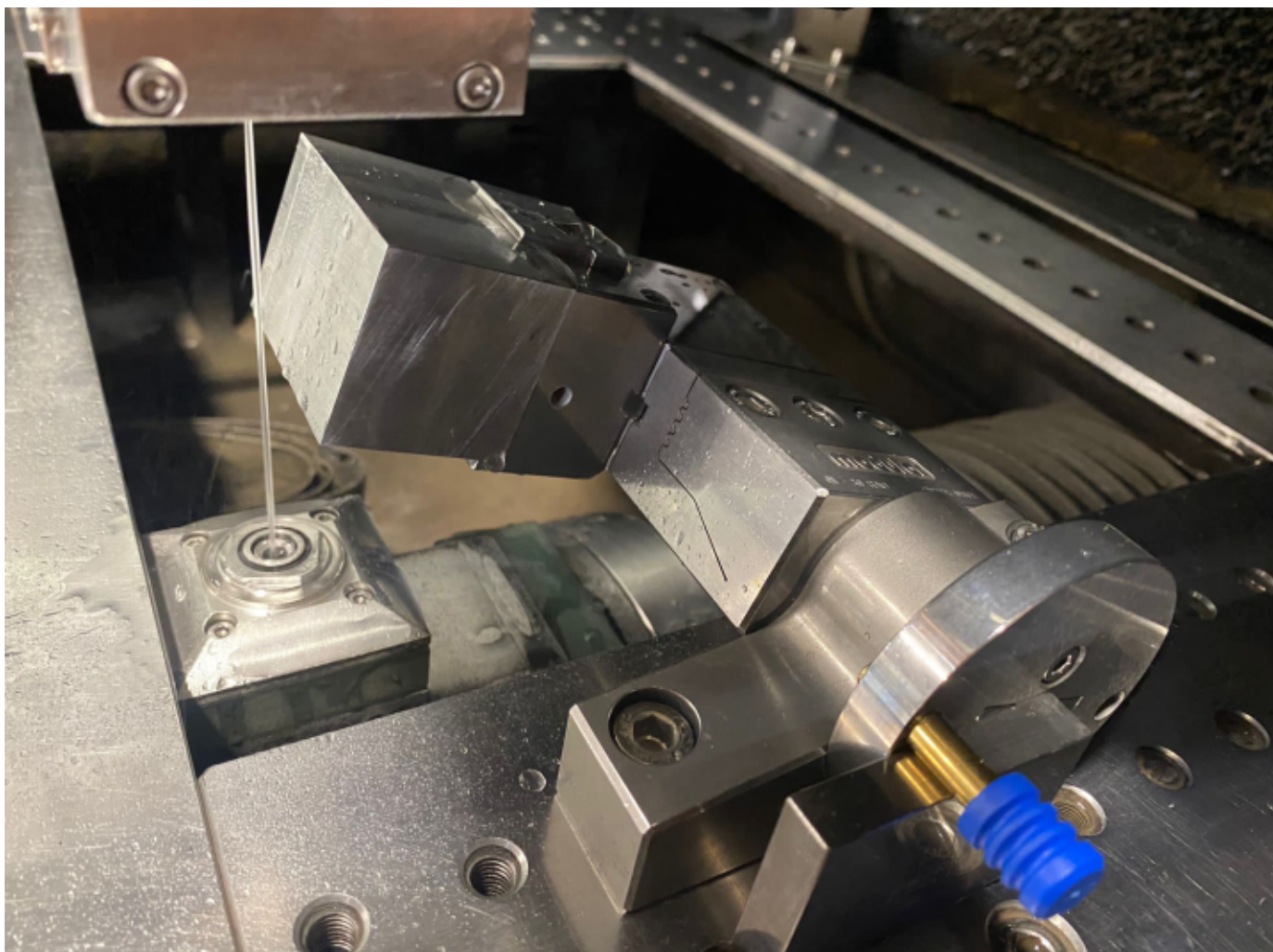
Example of processing:
Base 02 - 120 Support 01 - 3066 Addendum 03 - D70



Example of processing:
Support 01 - 30RAD Addendum 03 - 15



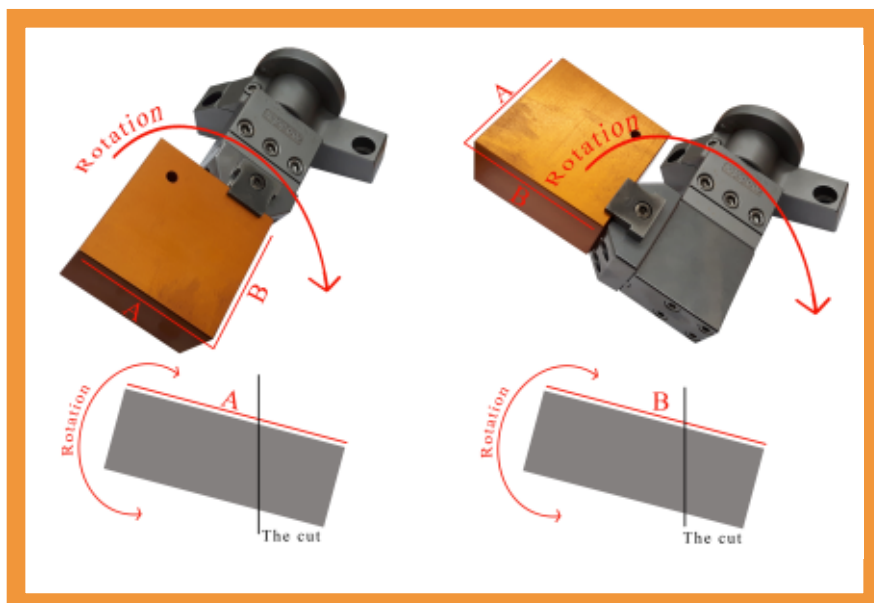
Example of processing:
Base 02 - 120 Support 01 - 3066 Addendum 03 - 15



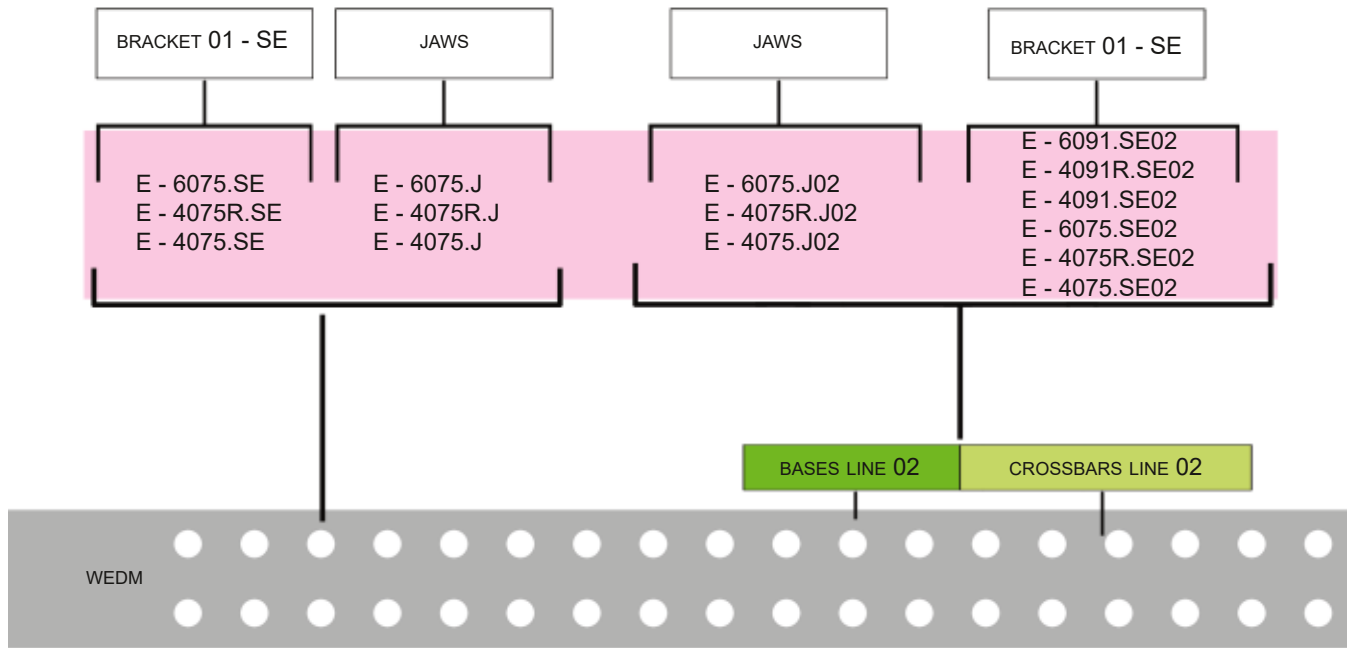
Example of processing:


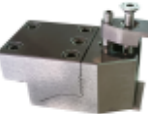
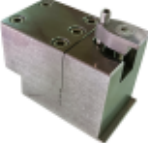
Support 01 - 30RAD Interface 03 - 90° Addendum 03 - 40 Jaw 01 - 4034

Support 01 - 30RAD Interface 03 - 90° Addendum 03 - 40R Jaw 01 - 4034







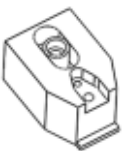



Line Essential Adjustable and non-adjustable essential clamp bodies







ARTICLE		
Clamp body E – 4091.SE02	Adjustable clamp body with height 40 mm. The part is fastened using bracket 01 - SE (included). Fixing capacity 19 to 60 mm. A base of the 02 line or a crossbar is required for anchoring to the machine table. The workpiece is 3.3 mm above the machine table, allowing free passage of the lower thread guide head.	
Clamp body E – 4091R.SE02	Adjustable clamp body with height 40 mm. With a tapering in the frontal part (nose), which reduces the width to only 30 mm. The part is fastened using bracket 01 - SE (included). Fixing capacity 19 to 60 mm. A base of the 02 line or a crossbar is required for anchoring to the machine table. The workpiece is 3.3 mm above the machine table, allowing free passage of the lower thread guide head.	
Clamp body E – 6091.SE02	Adjustable clamp body with height 60 mm. The part is fastened using bracket 01 - SE (included). Fixing capacity 39 to 80 mm. A base of the 02 line or a crossbar is required for anchoring to the machine table. The workpiece is 3.3 mm above the machine table, allowing free passage of the lower thread guide head.	

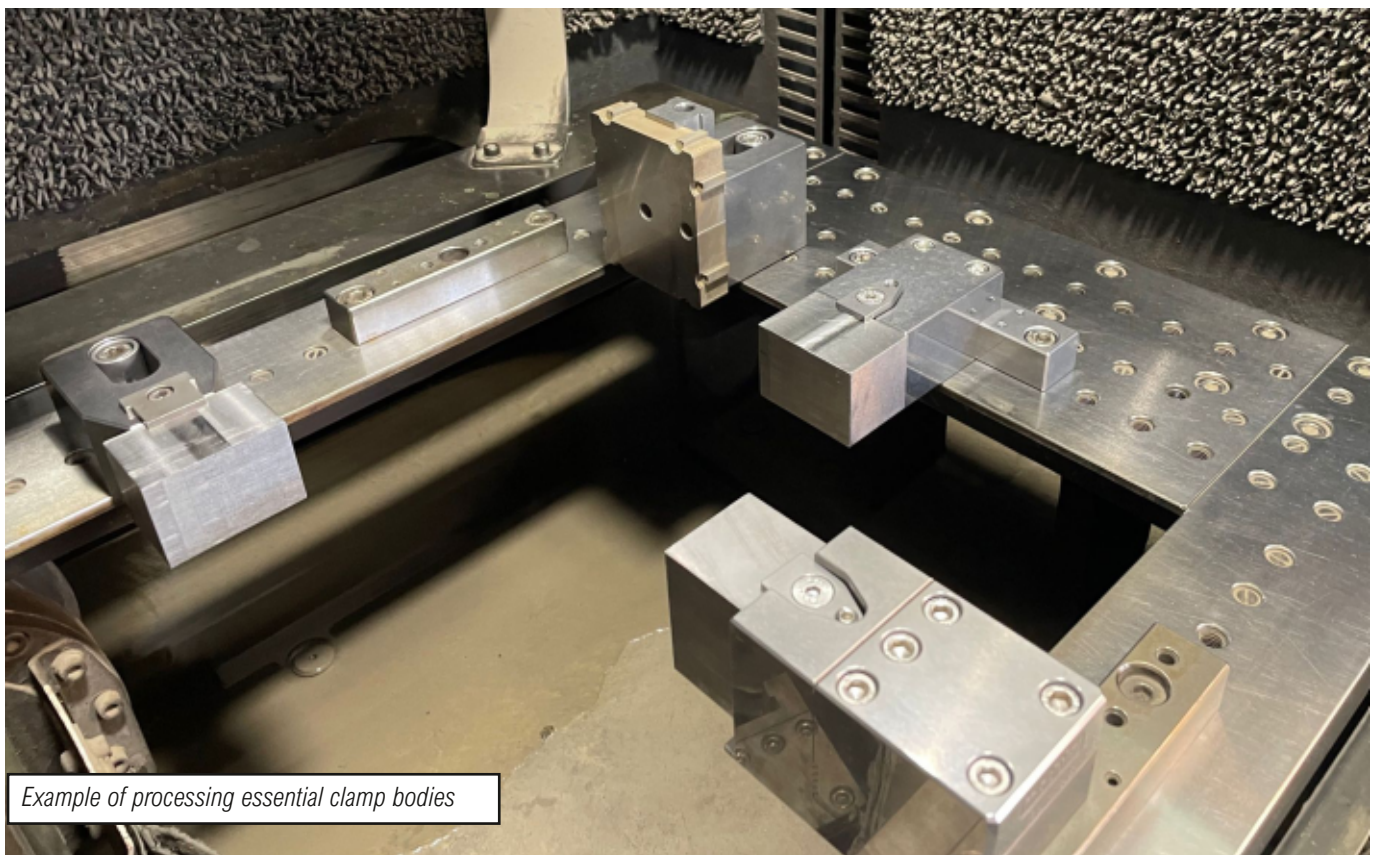
Line Essential Adjustable and non-adjustable essential clamp bodies

ARTICLE		
Clamp body E – 4075.SE	Rigid clamp body with height 40 mm. The part is fastened using bracket 01 - SE (included). Fixing capacity 19 to 60 mm. The anchorage is direct to the machine table. The workpiece is 3.3 mm above the machine table, allowing free passage of the lower thread guide head.	
Clamp body E – 4075.SE02	Rigid clamp body with height 40 mm. The part is fastened using bracket 01 - SE (included). Fixing capacity 19 to 60 mm. A base of the 02 line or a crossbar is required for anchoring to the machine table. The workpiece is 3.3 mm above the machine table, allowing free passage of the lower thread guide head.	
Clamp body E – 4075.J	Rigid clamp body with height 40 mm. Fixing capacity according to the jaw used. The anchorage is direct to the machine table. The workpiece is 3.3 mm above the machine table, allowing free passage of the lower thread guide head.	
Clamp body E – 4075.J02	Rigid clamp body with height 40 mm. Fixing capacity according to the jaw used. A base of the 02 line or a crossbar is required for anchoring to the machine table. The workpiece is 3.3 mm above the machine table, allowing free passage of the lower thread guide head.	

ARTICLE		
Clamp body E – 4075R.SE	Rigid clamp body with height 40 mm. With a tapering in the frontal part (nose), which reduces the width to only 30 mm. The part is fastened using bracket 01 - SE (included). Fixing capacity 19 to 60 mm. The anchorage is direct to the machine table. The workpiece is 3.3 mm above the machine table, allowing free passage of the lower thread guide head.	
Clamp body E – 4075R.SE02	Rigid clamp body with height 40 mm. With a tapering in the frontal part (nose), which reduces the width to only 30 mm. The part is fastened using bracket 01 - SE (included). Fixing capacity 19 to 60 mm. A base of the 02 line or a crossbar is required for anchoring to the machine table. The workpiece is 3.3 mm above the machine table, allowing free passage of the lower thread guide head.	
Clamp body E – 4075R.J	Rigid clamp body with height 40 mm. With a tapering in the frontal part (nose), which reduces the width to only 30 mm. Fixing capacity according to the jaw used. The anchorage is direct to the machine table. The workpiece is 3.3 mm above the machine table, allowing free passage of the lower thread guide head.	
Clamp body E – 4075R.J02	Rigid clamp body with height 40 mm. With a tapering in the frontal part (nose), which reduces the width to only 30 mm. Fixing capacity according to the jaw used. A base of the 02 line or a crossbar is required for anchoring to the machine table. The workpiece is 3.3 mm above the machine table, allowing free passage of the lower thread guide head.	

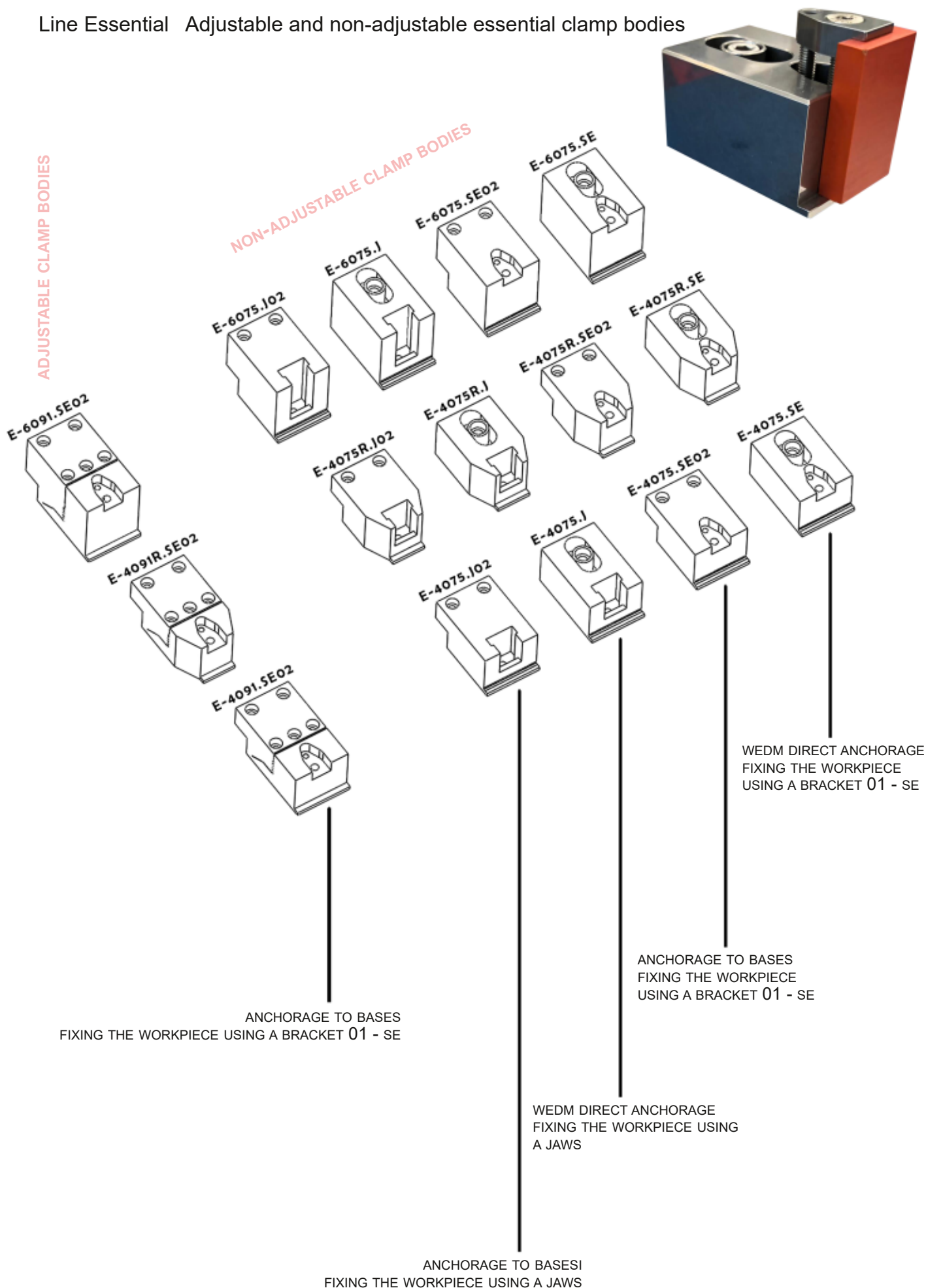
Line Essential Adjustable and non-adjustable essential clamp bodies

ARTICLE		
Clamp body E – 6075.SE	Rigid clamp body with height 60 mm. The part is fastened using bracket 01 - SE (included). Fixing capacity 39 to 80 mm. The anchorage is direct to the machine table. The workpiece is 3.3 mm above the machine table, allowing free passage of the lower thread guide head.	
Clamp body E – 6075.SE02	Rigid clamp body with height 60 mm. The part is fastened using bracket 01 - SE (included). Fixing capacity 39 to 80 mm. A base of the 02 line or a crossbar is required for anchoring to the machine table. The workpiece is 3.3 mm above the machine table, allowing free passage of the lower thread guide head.	
Clamp body E – 6075.J	Rigid clamp body with height 60 mm. Fixing capacity according to the jaw used. The anchorage is direct to the machine table. The workpiece is 3.3 mm above the machine table, allowing free passage of the lower thread guide head.	
Clamp body E – 6075.J02	Rigid clamp body with height 60 mm. Fixing capacity according to the jaw used. A base of the 02 line or a crossbar is required for anchoring to the machine table. The workpiece is 3.3 mm above the machine table, allowing free passage of the lower thread guide head.	

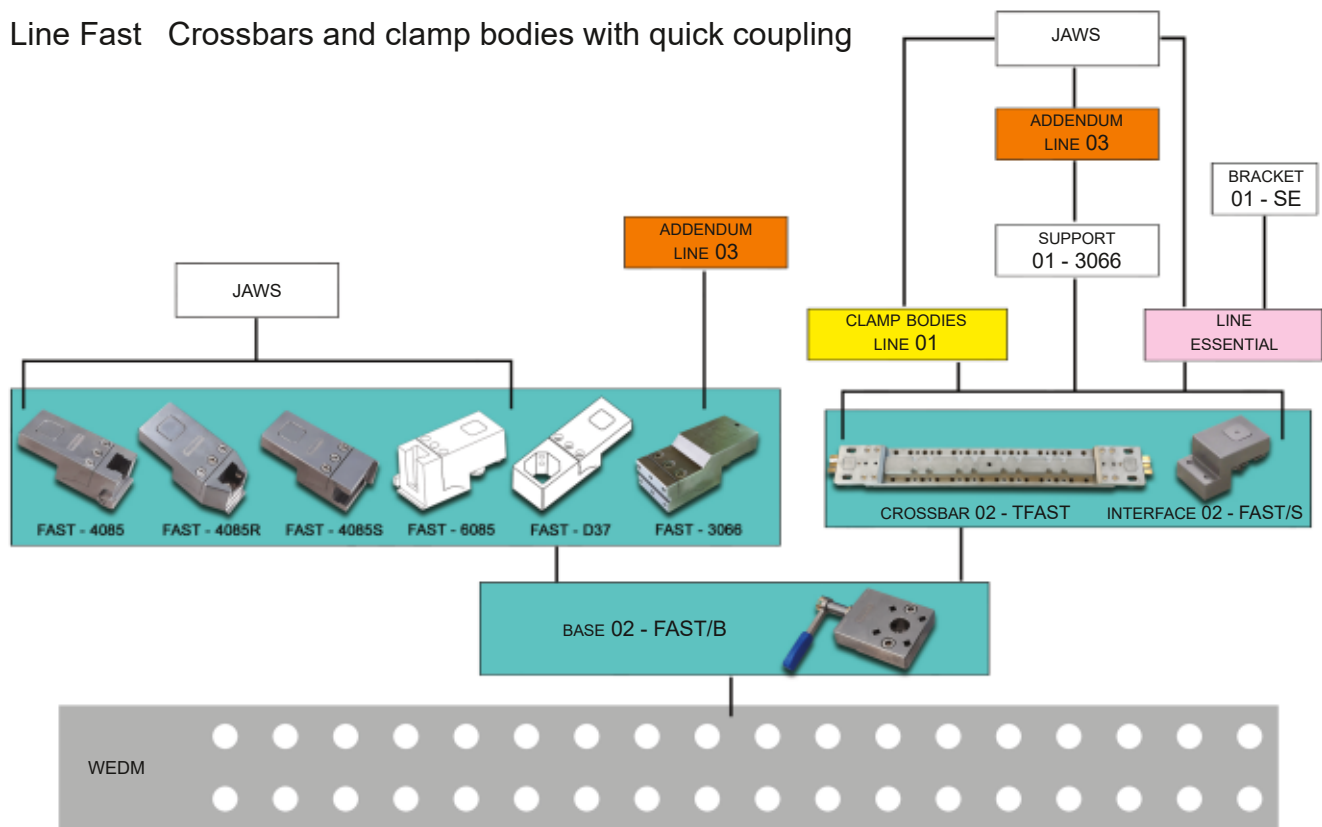


Example of processing essential clamp bodies

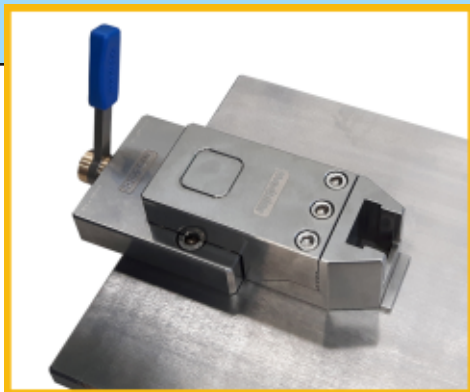
Line Essential Adjustable and non-adjustable essential clamp bodies



Line Fast Crossbars and clamp bodies with quick coupling



WITH REPEATABILITY TOLERANCE OF THE PLACEMENT OF 0.005 mm
POSSIBILITY OF CENTRING ON MEASUREMENT MACHINE

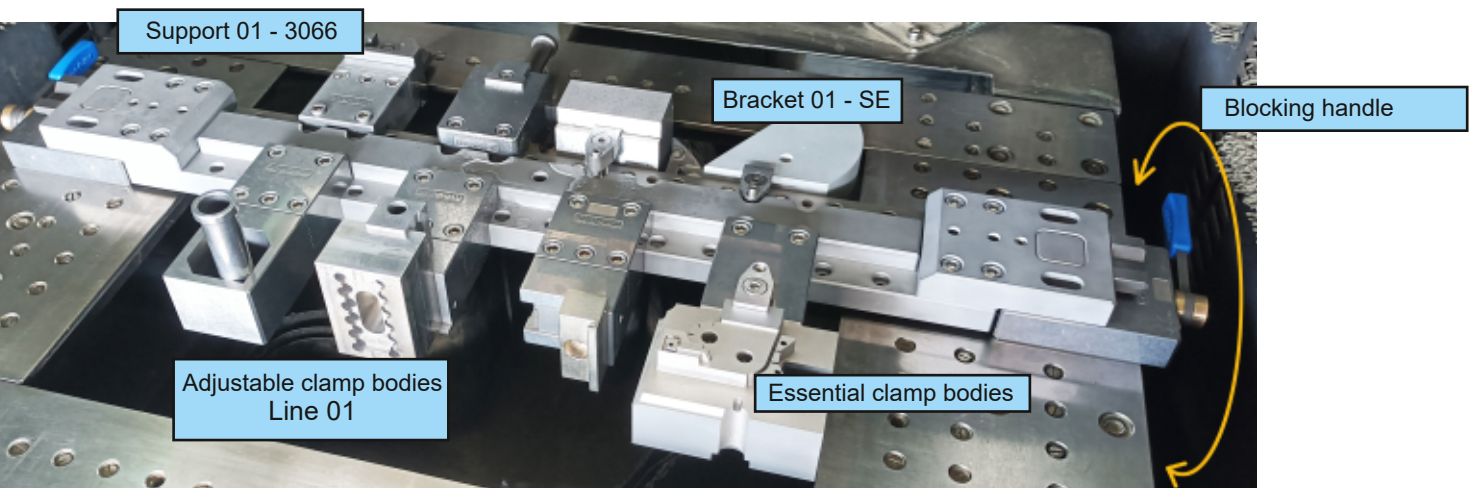


Blocking handle



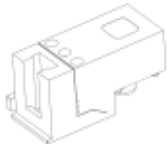







Adjustable clamp bodies Line Fast

Anchoring base to the machine table 02 - Fast/B



Line Fast Crossbars and clamp bodies with quick

ARTICLE		
Base 02 – FAST/B	Quick-fixing base. Anchoring base to be fixed on the machine table usable for the whole FAST line.	
Interface 02 – FAST/S	Connection interface between the base 02 - FAST/B and the line 01 of the clamp bodies ensuring repetitiveness and precision.	
Clamp body FAST – 4085	Adjustable clamp body with quick coupling. Height 40 mm. With repeatability tolerance of the placement of 0.005 mm. Fixing capacity according to the jaw used. Supplied along with stop 01-S. Base 02 - FAST/B is required for anchoring to the machine table. The workpiece is 3.3 mm above the machine table, allowing free passage of the lower thread guide head.	
Clamp body FAST – 6085	Adjustable clamp body with quick coupling. Height 60 mm. With repeatability tolerance of the placement of 0.005 mm. Fixing capacity according to the jaw used. Supplied along with stop 01-S. Base 02 - FAST/B is required for anchoring to the machine table. The workpiece is 3.3 mm above the machine table, allowing free passage of the lower thread guide head.	
Clamp body FAST – 4085R	Adjustable clamp body with quick coupling. Height 40 mm. With repeatability tolerance of the placement of 0.005 mm. With a tapering in the frontal part (nose), which reduces the width to only 30 mm. Fixing capacity according to the jaw used. Base 02 - FAST/B is required for anchoring to the machine table. The workpiece is 3.3 mm above the machine table, allowing free passage of the lower thread guide head.	
Clamp body FAST – 4085S	Adjustable clamp body with quick coupling. Height 40 mm. With repeatability tolerance of the placement of 0.005 mm. Rotated of 90°. Fixing capacity according to the jaw used. Base 02 - FAST/B is required for anchoring to the machine table. Allows parts to be fixed in the same plane as the machine table.	
Clamp body FAST – D37	Adjustable clamp body with quick coupling. Height 40 mm. With repeatability tolerance of the placement of 0.005 mm. Fixing capacity diameter 4 to 37 mm. Used to fix the workpieces with a cylindrical shape. Centring of the workpiece on the outside is also possible by exploiting the angle walls. Fixing of quadrangular workpieces is also possible. Base 02 - FAST/B is required for anchoring to the machine table.	
Clamp body FAST – 3066	Adjustable support to which any 03 line addendum can be apply. With repeatability tolerance of the placement of 0.005 mm Base 02 - FAST/B is required for anchoring to the machine table.	
Crossbar 02 – TFAST	Crossbar with quick coupling. With repeatability tolerance of the placement of 0.005 mm. Anchoring to the machine table is done by the use of 2 bases 02 - FAST/B (included). The workpiece is clamped by brackets 01 - SE (included) or by using the clamp bodies of line 01 and line essential or the support 01 - 3066. Possibility of centring on a measuring machine allowing pre-setting machining.	

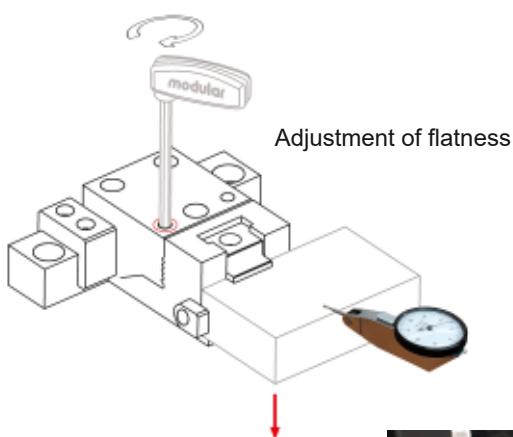
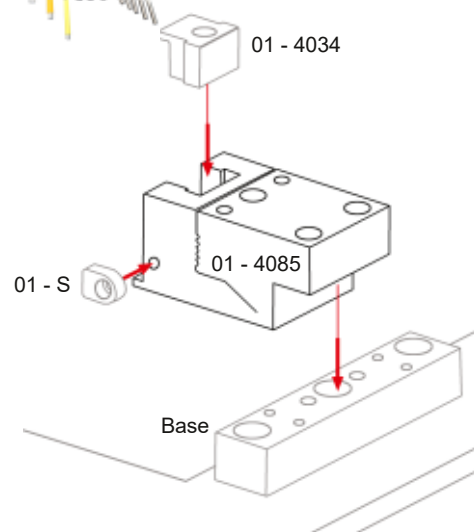
CLAMP START KIT

Launch composition complete of customized plastic box consisting of :

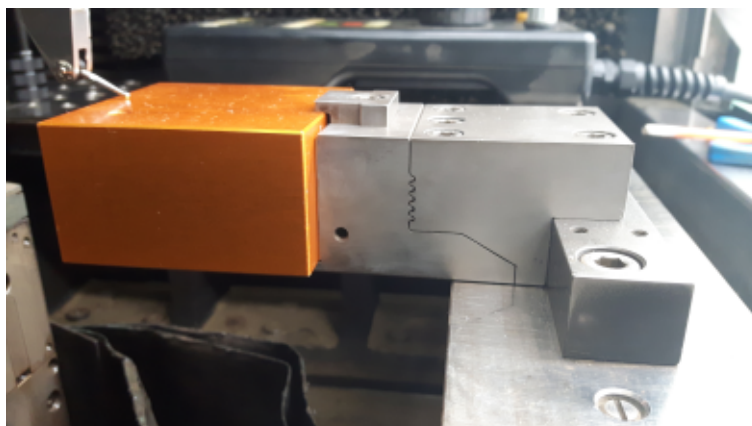
- n° 1 Single - location base 02 – 120
- n° 1 Adjustable clamp body 01 - 4085 Complete with stop 01-S
- n° 1 Jaw 01 – 4034 with fixing capacities from 12 to 34 mm
- n° 1 Magnets Kit
- n° 3 Keys and service screws



BASE 02 - 120	CLAMP BODY 01 - 4085	JAW 01 - 4034	MAGNETS KIT	KEYS AND SCREWS
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Kit suitable for fixing square parts.
Fixing capacity of the jaw present
in the kit from 12 to 34 mm.



EXTENSIBLE KIT

Composition complete of customized plastic box consisting of :

- n° 1 Adjustable extensible support 01 – 250E
- n° 1 Adjustable extensible support 01 – 150E
- n° 6 Brackets 01 – SE fixing capacity from 12 to 53 mm
- n° 2 Magnets Kits
- n° 3 Overlapping spacers L 80/100/130 mm
- n° 3 Keys and service screws



SUPPORT
01 - 250E

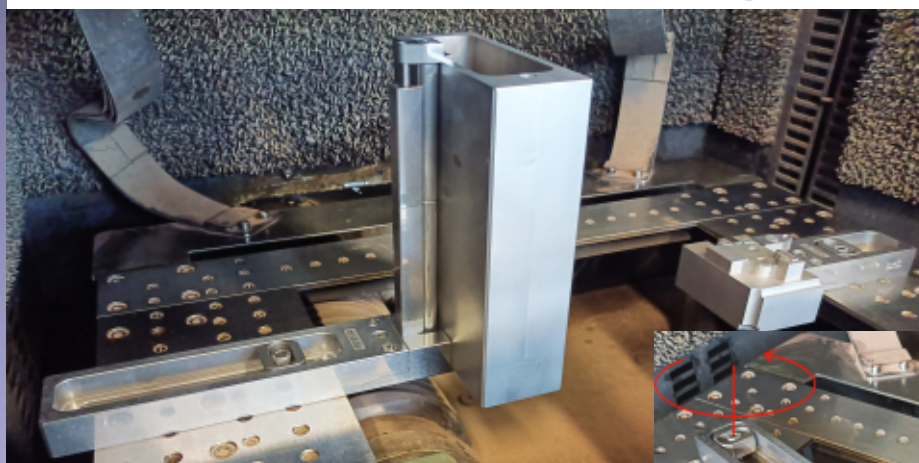
SUPPORT
01 - 150E

BRACKETS
01 - SE

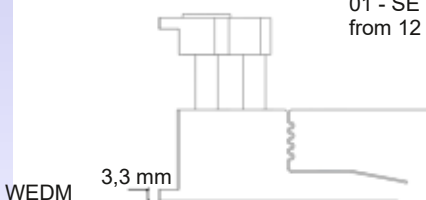
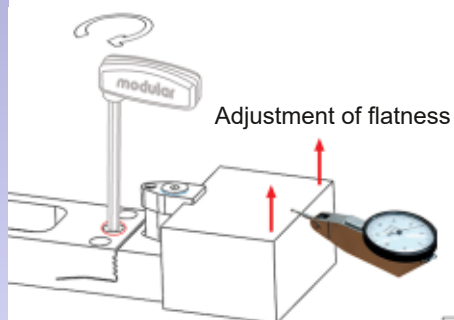
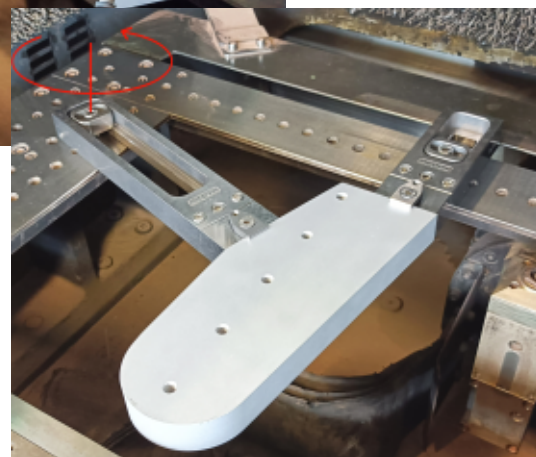
MAGNETS KIT

SPACERS

KEYS AND SCREWS



Kit suitable for fixing square, tall or strongly overhanging parts. Use the two supports in pairs if required. Fixing capacity from 12 to 183 mm.



01 - SE Fixing capacity
from 12 to 53 mm

Span adjustment in length up to 43 mm

Span adjustment in
width up to 14 mm

Span adjustment in length up to 140 mm

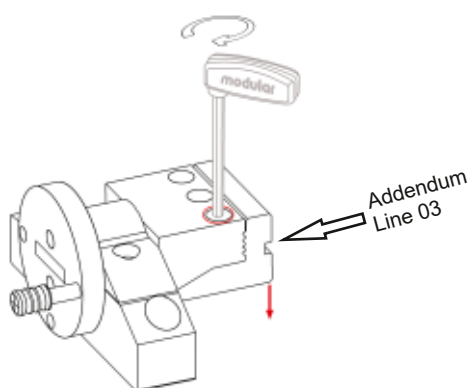
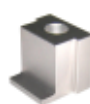
RAD KIT - 40

Composition consisting of :

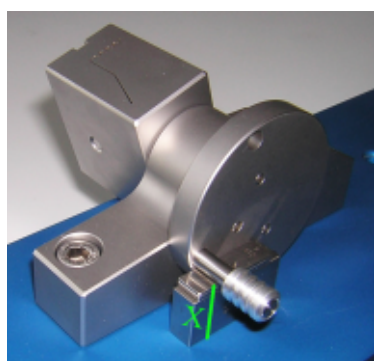
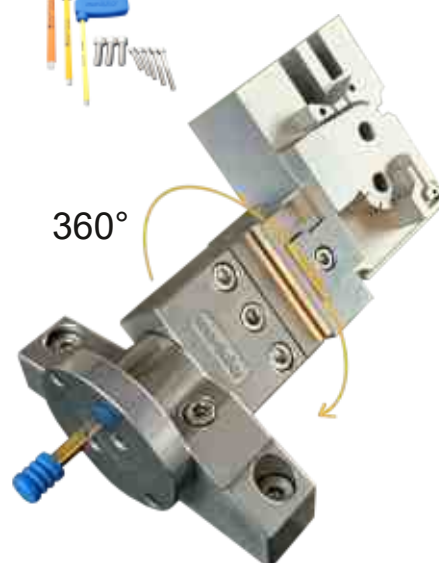
- n° 1 Adjustable support 01 – 30RAD with 360° rotation
- n° 1 Addendum 03 – 40
- n° 1 Jaw 01 – 4012 with fixing capacity from 0 to 12 mm
- n° 1 Jaw 01 – 6054 with fixing capacity from 12 to 40 mm
- n° 3 Keys and service screws



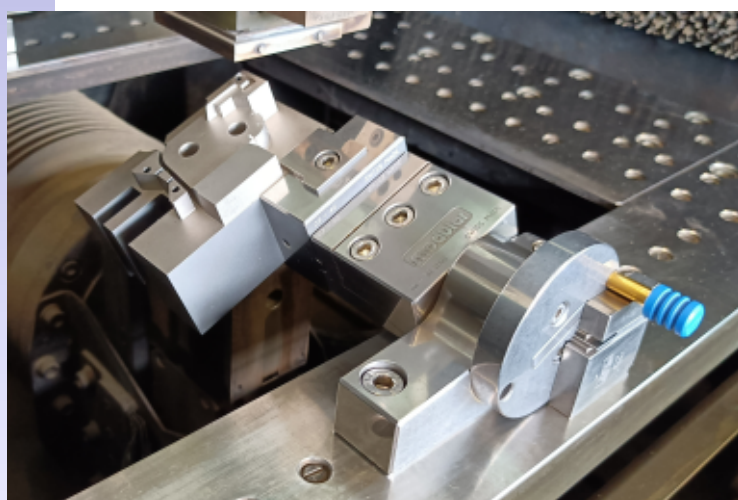
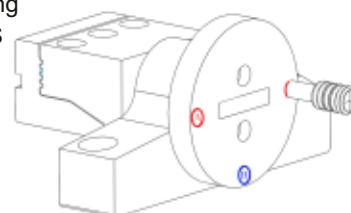
SUPPORT 01 - 30RAD	ADDENDUM 03 - 40	JAW 01 - 4012	JAW 01 - 6054	KEYS AND SCREWS
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Adjustment of flatness



For horizontal, vertical and 45° positioning, the holes on the base can be used by inserting the pin.
For the centesimal positioning use the TABLE OF BLOCKS which is provided.

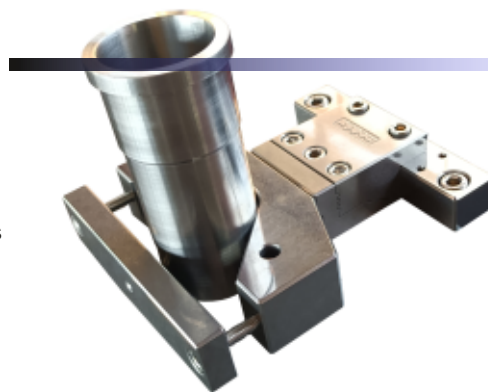


Kit suitable for fixing square parts.
Fixing capacity of the jaws present in the kit from 0 to 40 mm.

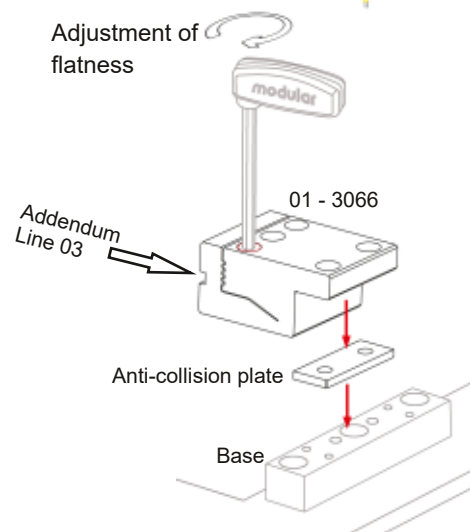
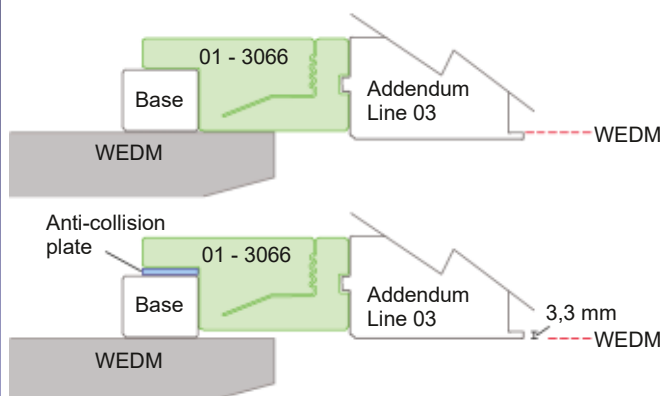
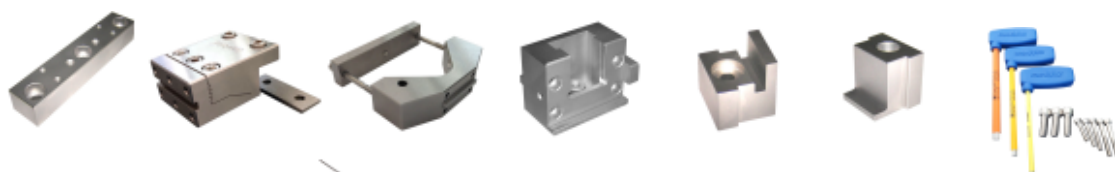
3066 KIT BASIC

Composition consisting of :

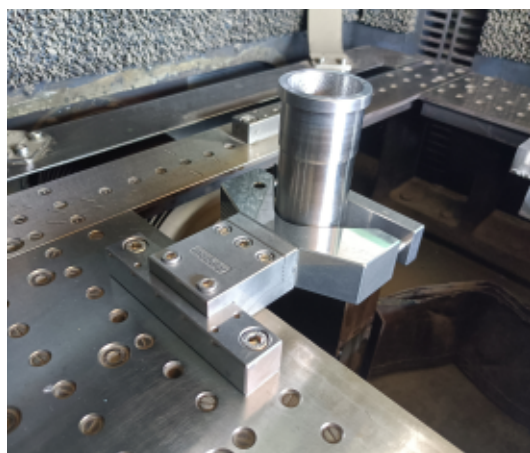
- n° 1 Single - location base 02 - 120
- n° 1 Adjustable support 01 - 3066
- n° 1 Addendum 03 - D100 Suitable for fixing round parts with diameter 37 to 100 mm
- n° 1 Addendum 03 - 40
- n° 1 Jaw 01 - 4012 with fixing capacity from 0 to 12 mm
- n° 1 Jaw 01 - 6054 with fixing capacity from 12 to 40 mm
- n° 3 Keys and service screws



BASE 02 - 120	SUPPORT 01 - 3066	ADDENDUM 03 - D100	ADDENDUM 03 - 40	JAW 01 - 4012	JAW 01 - 6054	KEYS AND SCREWS
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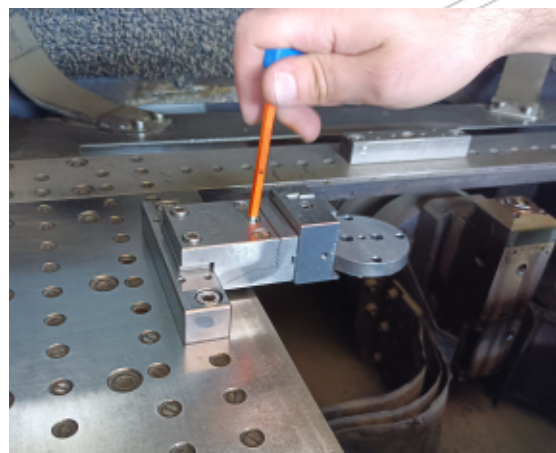
The part to be machined is at the same height as the machine table or at a height of 3.3 mm if the anti-collision plate is used, allowing free passage of the lower thread guide head.



BASE 02 - 120	SUPPORT 01 - 3066	ADDENDUM 03 - D100
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Kit suitable for fixing round parts with a diameter of 37 to 100 mm.



BASE 02 - 120	SUPPORT 01 - 3066	ADDENDUM 03 - 40
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Kit suitable for fixing square parts.
Fixing capacity of the jaws present in the kit from 0 to 40 mm.

CROSSBAR START KIT

Composition consisting of :

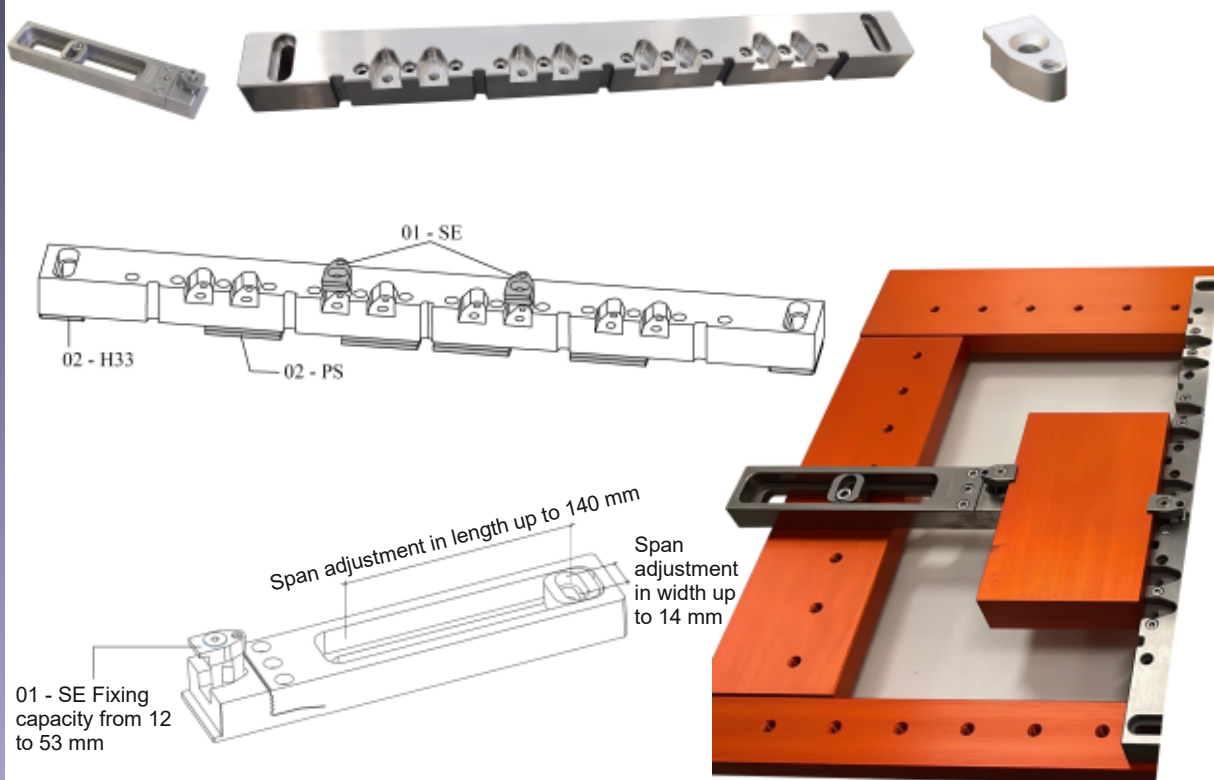
n° 1 Adjustable extensible support 01 – 250E complete with bracket 01 - SE (fixing capacity from 12 to 53 mm)

n° 1 Base crossbar monolateral 02 - TBM complete with bracket 01 - SE (fixing capacity from 17,5 to 56 mm), support plates 02 - PS and Anti-collision plate 02 - H33

SUPPORT
01 - 250E

CROSSBAR
02 - TBM

BRACKETS
01 - SE



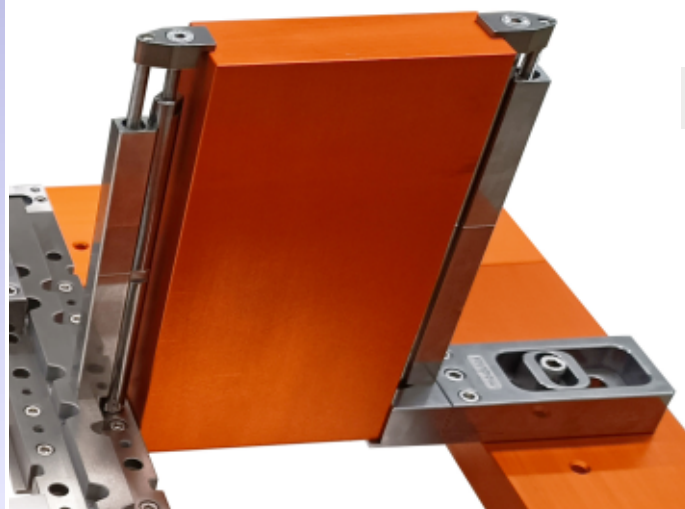
SPACERS KIT

Composition complete of customized plastic box consisting of :

n° 6 bracket 01 – SE with fixing capacity depending on the article on which they are mounted.

n° 6 Overlapping spacers
(2 for L 80 mm ; 2 for L 100 mm ; 2 for L 130 mm)

Service screws



BRACKETS
01 - SE

SPACERS

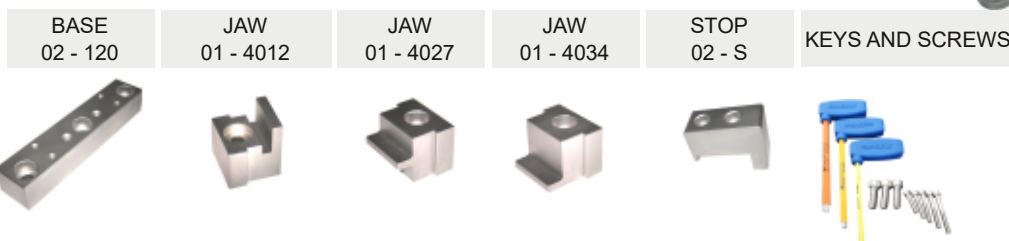
SCREWS



SERIE 40 KIT

Composition designed to accompany 40 mm high clamp bodies:

- n° 1 Jaw 01 – 4012 with fixing capacity from 0 to 12 mm
- n° 1 Jaw 01 – 4027 with fixing capacity from 19,5 to 27 mm
- n° 1 Jaw 01 – 4034 with fixing capacity from 12 to 34 mm
- n° 1 Single - location base 02 – 120
- n° 1 Stop for bases 02 – S
- n° 3 Keys and service screws



SERIE 60 KIT

Composition designed to accompany 60 mm high clamp bodies:

- n° 1 Jaw 01 – 6054 with fixing capacity from 12 to 60 mm
- n° 1 Jaw 01 – 6080 with fixing capacity from 54 to 80 mm
- n° 1 Single - location base 02 – 120
- n° 1 Stop for bases 02 – S
- n° 3 Keys and service screws



SCREWS KIT

Box consisting of screws and keys for fixing the jaws, bases and for adjusting the flatness:

- 4 Stainless steel screws M5X25
- 4 Stainless steel screws M5X30
- 4 Stainless steel screws M5X35
- 4 Stainless steel screws M5X40
- 4 Stainless steel screws M5X45
- 4 Stainless steel screws M5X50
- 6 Stainless steel screws M8X25
- 3 Keys 3 – 4 – 5



MAGNETS KIT

Pack containing 6 very powerful 20X10 mm magnets with minimum height (3 mm). Useful for clamping parts during detachments.



www.modular

Full presentation and video on webpage

WWW.MODULARSWISS.COM/KIT



[Clamp - Bodies and components](#)



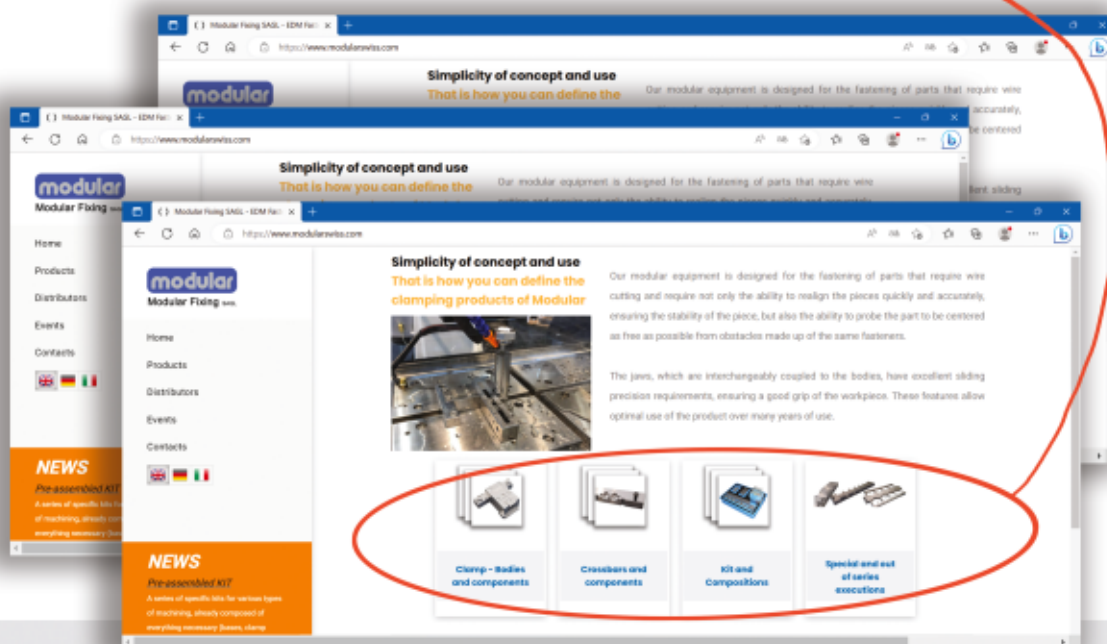
[Crossbars and components](#)



[Kit and Compositions](#)



[Special and out of series executions](#)



VIDEO

PRODUCTS CATALOG

ORGANIZATION CHART

















































TECHNICALS ADVICE

































































































Compositions complete with clamp bodies, bases for anchoring to the machine table, jaws for fixing the part to be machined, supports, keys and magnets.



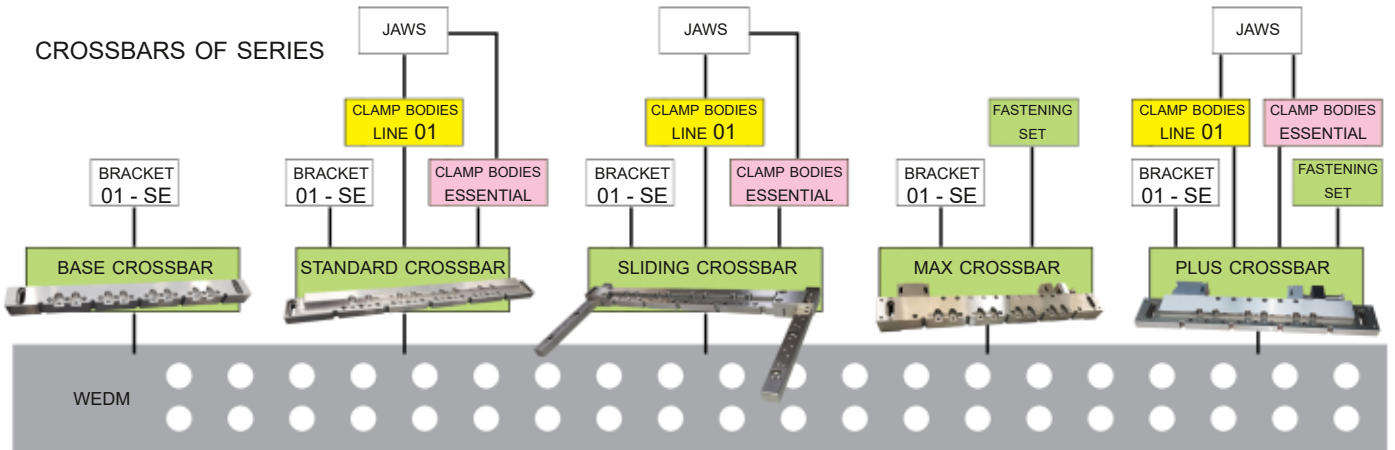
Compositions

Comp. ↓	Bases	Clamp bodies	Supports	Addendum	Jaws	Kits
001	 02 - 120 02 - S	 01 - 4085	 01 - 250E		 01 - 4012  01 - 4027  01 - 4034  01 - 6080	 Magnets Kit
002	 02 - 120 02 - S	 01 - 4085  01 - D37	 01 - 250E		 01 - 4012  01 - 4027  01 - 4034  01 - 6080	 Magnets Kit  Screws Kit
003	 02 - 120 02 - S	 01 - 4085  01 - 4370I	 01 - 250E		 01 - 4012  01 - 4027  01 - 4034  01 - 6080	 Magnets Kit  Screws Kit
004	 02 - 120 02 - S	 01 - 4085  01 - 4085R	 01 - 250E		 01 - 4012  01 - 4027  01 - 4034  01 - 6080	 Magnets Kit  Screws Kit
005	 02 - 120 02 - S	 01 - 4085  01 - 4085S	 01 - 250E		 01 - 4012  01 - 4027  01 - 4034  01 - 6080	 Magnets Kit  Screws Kit

Comp. ↓	Bases	Clamp bodies	Supports	Addendum	Jaws	Kits
006	 02 - 120 02 - S	 01 - 6085  01 - 4085S	 01 - 250E		 01 - 4012  01 - 6054  01 - 6080	 Magnets Kit  Screws Kit
007	 02 - 120 02 - S	 01 - 6085  01 - 4085R	 01 - 250E		 01 - 4012  01 - 6054  01 - 6080	 Magnets Kit  Screws Kit
008	 02 - 120 02 - S	 01 - 6085  01 - 4370I	 01 - 250E		 01 - 4012  01 - 6054  01 - 6080	 Magnets Kit  Screws Kit
009	 02 - 120 02 - S	 01 - 6085  01 - D37	 01 - 250E		 01 - 4012  01 - 6054  01 - 6080	 Magnets Kit  Screws Kit
010	 02 - 120 02 - S  02 - 250E	 01 - 6085  01 - 6085			 01 - 4012  01 - 6054  01 - 6080	 Magnets Kit  Screws Kit
011	 02 - 250	 01 - 4085  01 - D37  01 - 4370I	 01 - 250E		 01 - 4012  01 - 4027  01 - 4034  01 - 6080	 Magnets Kit  Screws Kit
012	 02 - 250	 01 - 6085  01 - D37  01 - 4370I	 01 - 250E		 01 - 4012  01 - 6054  01 - 6080	 Magnets Kit  Screws Kit

Comp. ↓	Bases	Clamp bodies	Supports	Addendum	Jaws	Kits
013	 02 - 250	 01 - 4085  01 - 6085	 01 - 3066	 03 - 116	 01 - 4012  01 - 4027  01 - 4034  01 - 6054  01 - 6080	 Magnets Kit  Screws Kit
014	 02 - 250	 01 - 4085  01 - 4085R	 01 - 3066	 03 - 116	 01 - 4012  01 - 4027  01 - 4034  01 - 6080	 Magnets Kit  Screws Kit
015	 02 - 250	 01 - 6085  01 - 4085R	 01 - 3066	 03 - 116	 01 - 4012  01 - 4027  01 - 4034  01 - 6054  01 - 6080	 Magnets Kit  Screws Kit
016	 02 - 250	 01 - 4085  01 - 4370I	 01 - 3066	 03 - 116	 01 - 4012  01 - 4027  01 - 4034  01 - 6080	 Magnets Kit  Screws Kit
017	 02 - 250	 01 - 6085  01 - 4370I	 01 - 3066	 03 - 116	 01 - 4012  01 - 6054  01 - 6080	 Magnets Kit  Screws Kit
018	 02 - 250	 01 - 4085  01 - D37	 01 - 3066	 03 - 116	 01 - 4012  01 - 4027  01 - 4034  01 - 6080	 Magnets Kit  Screws Kit
019	 02 - 250	 01 - 6085  01 - D37	 01 - 3066	 03 - 116	 01 - 4012  01 - 6054  01 - 6080	 Magnets Kit  Screws Kit

Line 02 Crossbars - adaptable to any machine table



CROSSBARS OF SERIES

All crossbars are supplied with fixing centre distances for each machine table.

Using support plates 02 - PS, 02 - PSZ or spacers 02 - H33, it is possible to position the workpiece at zero height, or at 3.3 mm above the machine table.

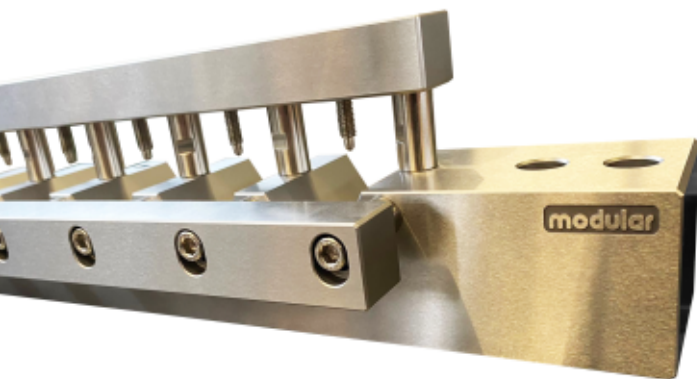
5 CATEGORIES OF SERIES all supplied with workpiece support plates and fixing brackets, accessorised according to the belonging band which is determined by the distance between holes on the machine table:

Up to 540 mm / From 550 to 640 mm / From 650 to 740 mm

BRACKET 01 - SE

PLATES 02 - PS

PLATES 02 - PSZ



SPECIAL AND OUT OF SERIES EXECUTIONS CROSSBARS

In addition to the series crossbars, Modular also carries out tailor-made machining operations.

According to the indications and needs of the customer we study and design at best a product aimed at solving specific problems and needs.



Line 02 Crossbars - adaptable to any machine table

ARTICLE

Base crossbar monolateral (TBM) and bilateral (TBB).

Fixing slot made according to the distance between holes of each machine table.

Each crossbar is equipped with fixing brackets 01 - SE (fixing capacity from 17,5 to 56 mm), and with a series of workpiece holders plates 02 - PS and two anti-collision spacers 02 - H33 which, by using them, allow the free passage of the lower wire guide head, and the positioning of the workpiece at 3,3 mm with respect to the machine table. If the spacers 02 - H33 are removed, the workpieces to be machined will be at zero with respect to the machine table.

02 - TBM



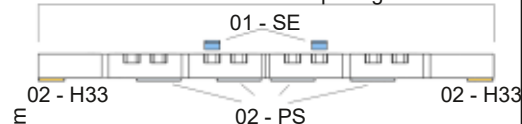
02 - TBB



Machine table hole spacing



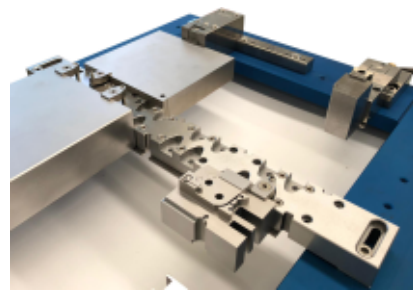
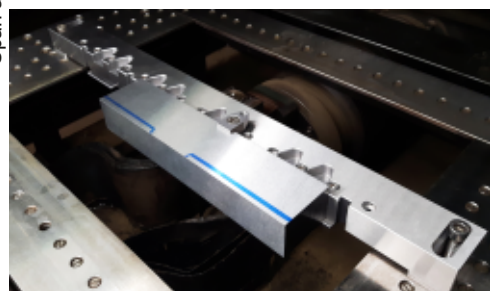
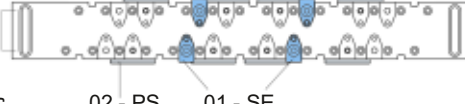
Machine table hole spacing



Span adjustment 25 mm



Span adjustment 43 mm



Base crossbar
02 - TBM
02 - TBB

Standard crossbar monolateral (TSM) e bilateral (TSB).

Fixing slot made according to the distance between holes of each machine table.

POSSIBILITY OF ANCHORING ALL CLAMP BODY.

Each crossbar is equipped with fixing brackets 01 - SE (fixing capacity from 17,5 to 56 mm), and a series of workpiece holder plates 02 - PS to be used for placing the workpiece at 3,3 mm above the machine table. Or from a series of workpiece holder plates 02 - PSZ to be used to place the piece to be machined at zero with respect to the machine table.

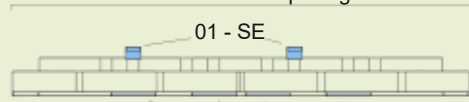
02 - TSM



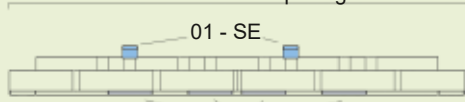
02 - TSB



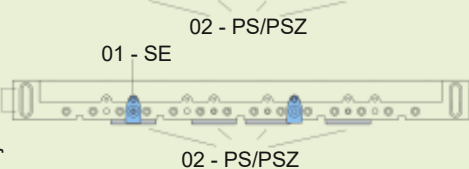
Machine table hole spacing



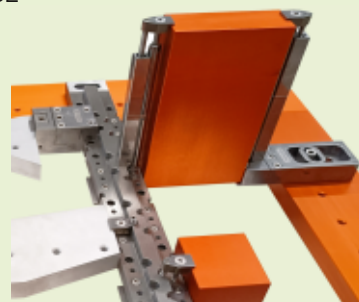
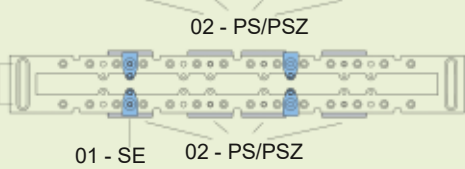
Machine table hole spacing



Span adjustment 25 mm

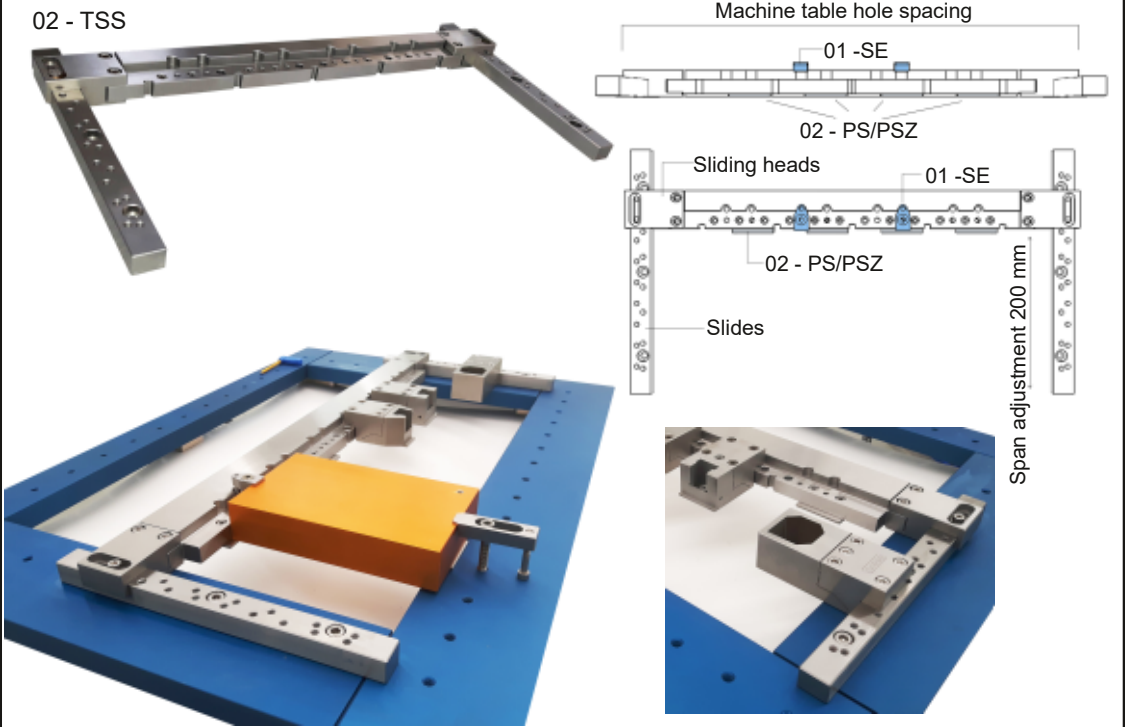
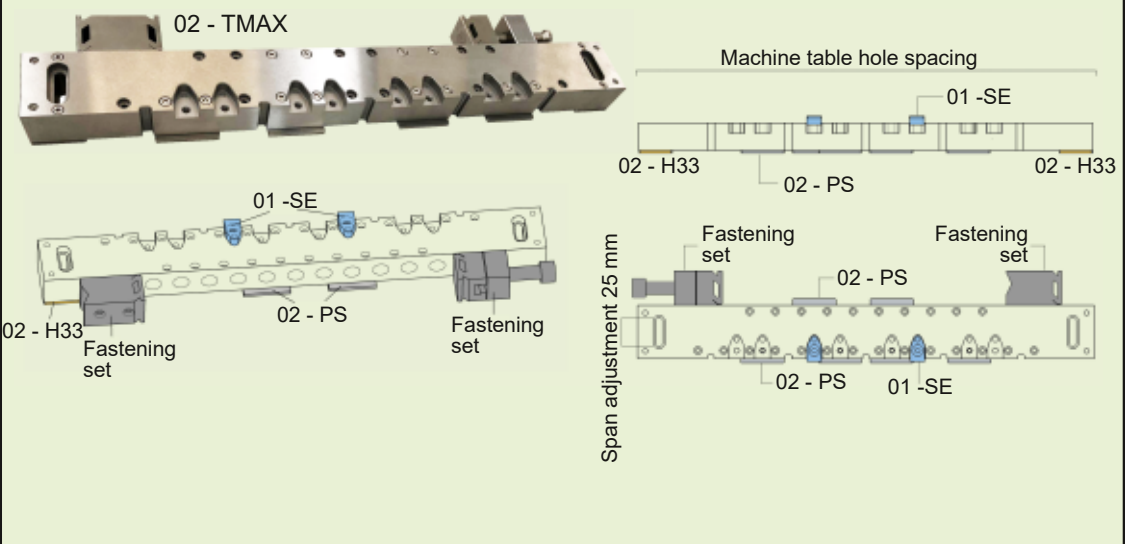


Span adjustment 43 mm



Standard crossbar
02 - TSM
02 - TSB

Line 02 Crossbars - adaptable to any machine table

ARTICLE	
<p>Sliding crossbar 02 – TSS</p>	<p>Crossbar fixed to sliding heads on two slides which allows 200 mm span adjustment. Fixing slot made according to the distance between holes of each machine table. <u>POSSIBILITY OF ANCHORING ALL CLAMP BODY</u>, both on the crossbar and on the two slides. Each crossbar is equipped with fixing brackets 01 - SE (fixing capacity from 17,5 to 56 mm), and a series of workpiece holder plates 02 - PS to be used for placing the workpiece at 3,3 mm above the machine table. Or from a series of workpiece holder plates 02 - PSZ to be used to place the piece to be machined at zero with respect to the machine table.</p> 
<p>Max crossbar 02 – TMAX</p>	<p>Max crossbar bilateral. Fixing slot made according to the distance between holes of each machine table. Each crossbar is equipped with fixing brackets 01 - SE (fixing capacity from 17,5 to 56 mm), and with a series of workpiece holders plates 02 - PS and two anti-collision spacers 02 - H33 which, by using them, allow the free passage of the lower wire guide head, and the positioning of the workpiece at 3,3 mm with respect to the machine table. If the spacers 02 - H33 are removed, the workpieces to be machined will be at zero with respect to the machine table. On the opposite bank one can find a maxi clamp useful for fixing large pieces composed of one or more fastening set and two support plates 02 - PS designed to facilitate the clamping of the pieces. They must be removed before processing begins.</p> 

Line 02 Crossbars - adaptable to any machine table

ARTICLE

Plus crossbar bilateral.

Fixing slot made according to the distance between holes of each machine table.

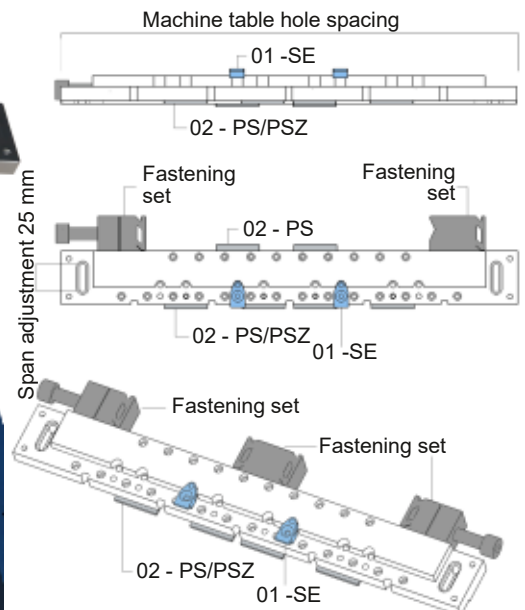
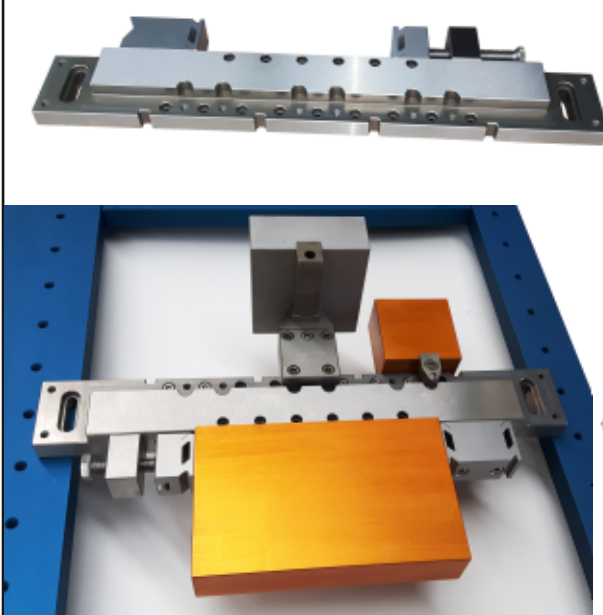
POSSIBILITY OF ANCHORING ALL CLAMP BODY.

Each crossbar is equipped with fixing brackets 01 - SE (fixing capacity from 17,5 to 56 mm), and a series of workpiece holder plates 02 - PS to be used for placing the workpiece at 3,3 mm above the machine table. Or from a series of workpiece holder plates 02 - PSZ to be used to place the piece to be machined at zero with respect to the machine table.

On the opposite bank one can find a maxi clamp useful for fixing large pieces composed of one or more fastening set and two support plates 02 - PS designed to facilitate the clamping of the pieces. They must be removed before processing begins.

02 - TPLUS

Plus crossbar
02 - TPLUS



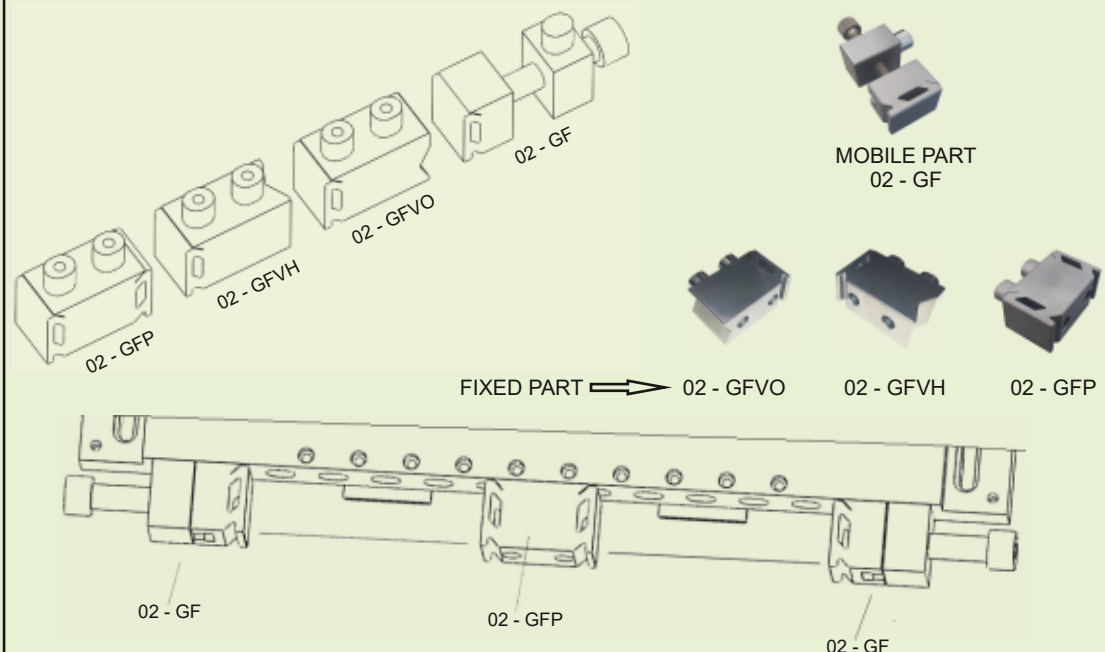
Components that characterise the Maximorsa fastening set present in the two crossbars versions MAX and PLUS.

The Fastening set consists of a mobile part, 02 - GF and a fixed part which can be of three versions:

02 - GFVO ; 02 - GFVH ; 02 - GFP

In crossbars with fixing at center distance above 550 mm, it is possible to use two moving parts 02 - GF, so as to form two maxi clamp.

Fastening set
02 - GF
02 - GFVO
02 - GFVH
02 - GFP



BASE KIT

Kit consisting of two base monolateral crossbars onto which the workpiece can be fixed using brackets and plates included. Does not allow anchoring of MODULAR adjustable clamp bodies. The crossbars are fixed to the machine table.

THE SUPPLY FOR EACH KIT INCLUDES:

N° 2 MONOLATERAL BASE CROSSBARS 02 – TBM

With 25 mm span adjustment. Complete with plates 02 – H33 that allow machining at a height of 3,3 mm above the machine table, if removed the workpiece will be at zero height.

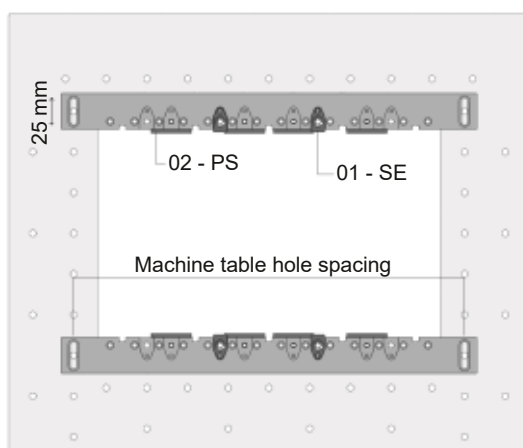
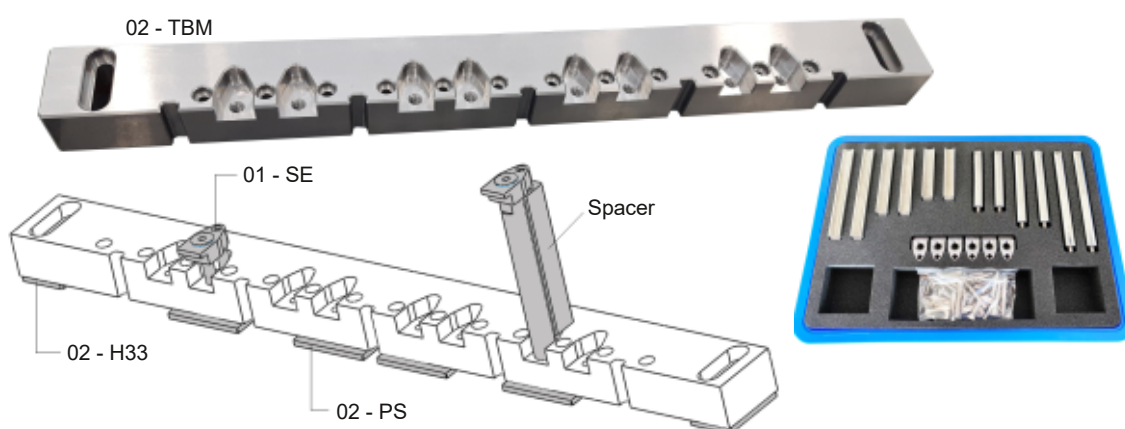
A set of 02 - PS plates for supporting the workpiece.

AN SPACERS KIT:

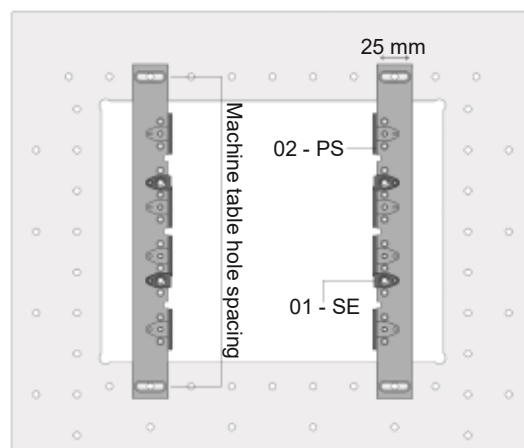
N° 6 Universal brackets 01 – SE with clamping capacity on the crossbars from 17,5 to 56 mm

N° 6 Spacers to be coupled to brackets 01 – SE for increased fixing capacity L 80/100/130 mm

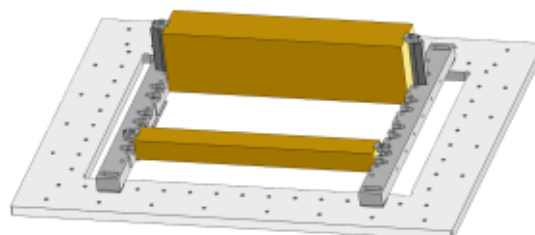
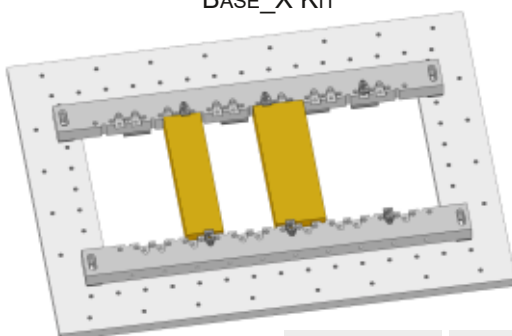
Service screws.



BASE_X Kit



BASE_Y Kit



	CROSSBARS 02 - TBM	PLATES 02 - PS	BRACKETS 01 - SE	SPACERS L 80/100/130
BASE KIT	N°2	Depending on length	N° 6	N° 6

STANDARD KIT

Kit consisting of two standard monolateral crossbars onto which the workpiece can be fixed using brackets and plates included. On the standard monolateral crossbars it is possible to anchor the MODULAR adjustable clamp bodies, which allow different types of clamping of the workpiece and the adjustment of the flatness.

The crossbars are fixed to the machine table.

THE SUPPLY FOR EACH KIT INCLUDES:

N° 2 STANDARD MONOLATERAL CROSSBARS 02 – TSM

With 25 mm span adjustment. Prepared for attachment of MODULAR adjustable clamp bodies.

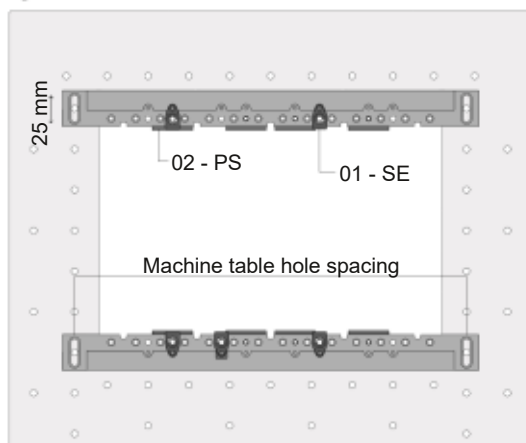
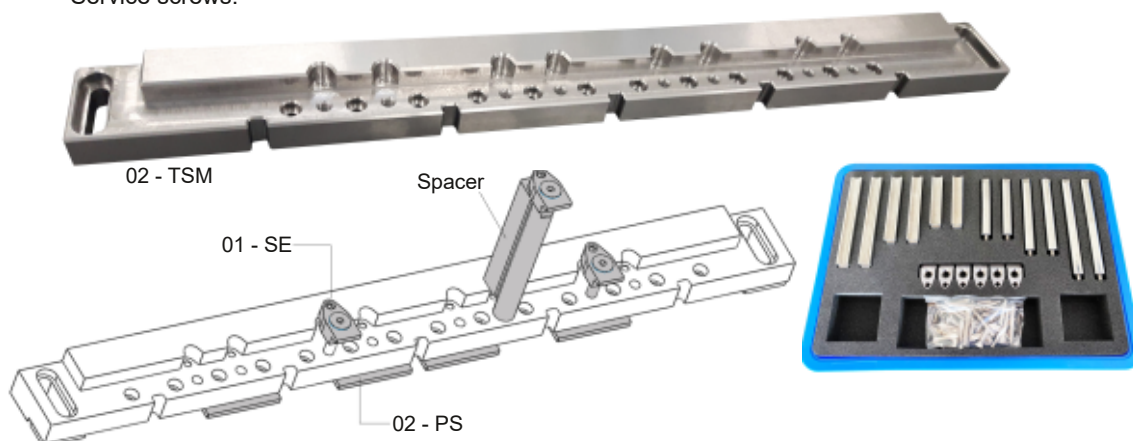
A set of 02 – PS plates for supporting the workpiece, allowing machining at a height of 3,3 mm above the machine table.

AN SPACERS KIT:

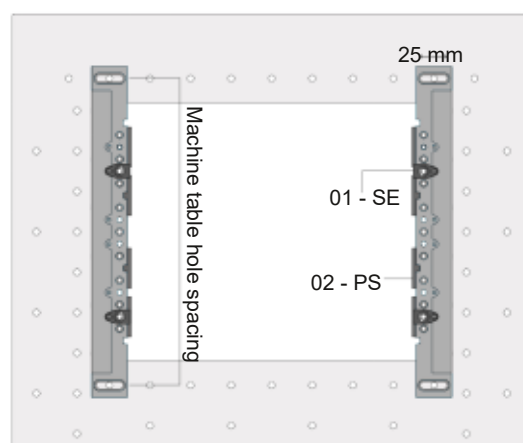
N° 6 Universal brackets 01 – SE with clamping capacity on the crossbars from 17,5 to 56 mm

N° 6 Spacers to be coupled to brackets 01 – SE for increased fixing capacity L 80/100/130 mm

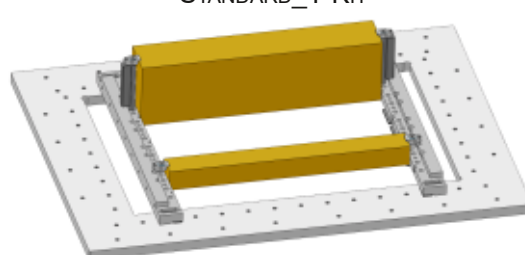
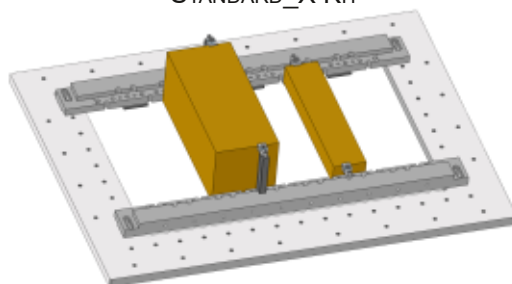
Service screws.



STANDARD_X KIT



STANDARD_Y KIT



	CROSSBARS 02 - TSM	PLATES 02 - PS	BRACKETS 01 - SE	SPACERS L 80/100/130
STANDARD KIT	N°2	Depending on length	N° 6	N° 6

SLIDING KIT

Kit consisting of a standard monolateral crossbar fixed to the machine table and a sliding crossbar fixed to two slides. The workpiece is fixed to the crossbars by the included brackets and plates. Both on the standard monolateral crossbar and sliding crossbar it is possible to anchor the MODULAR adjustable clamp bodies, which allow different types of clamping of the workpiece and the adjustment of the flatness.

The sliding crossbar is anchored to two slides that allow a range of 200 mm.

THE SUPPLY FOR EACH KIT INCLUDES:

N° 1 STANDARD MONOLATERAL CROSSBAR 02 – TSM

With 25 mm span adjustment. Prepared for attachment of MODULAR adjustable clamp bodies.

N° 1 SLIDING CROSSBAR 02 – TSS

The sliding crossbar is anchored to two slides that allow a range of 200 mm.

Prepared for attachment of MODULAR adjustable clamp bodies.

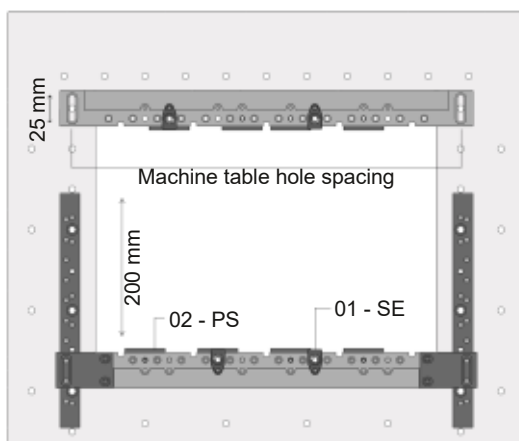
A set of 02 – PS plates for supporting the workpiece, allowing machining at a height of 3,3 mm above the machine table.

AN SPACERS KIT:

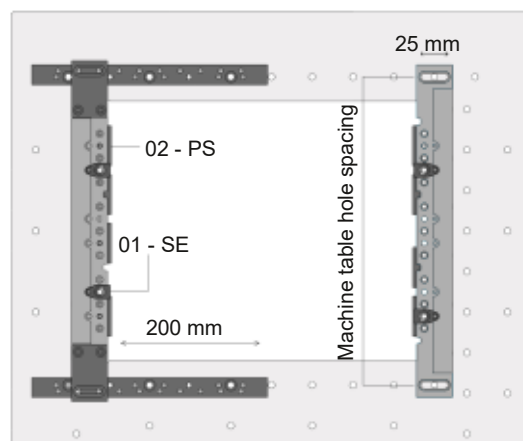
N° 6 Universal brackets 01 – SE with clamping capacity on the crossbars from 17,5 to 56 mm

N° 6 Spacers to be coupled to brackets 01 – SE for increased fixing capacity L 80/100/130 mm

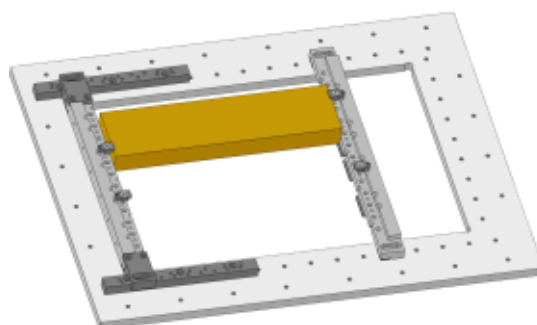
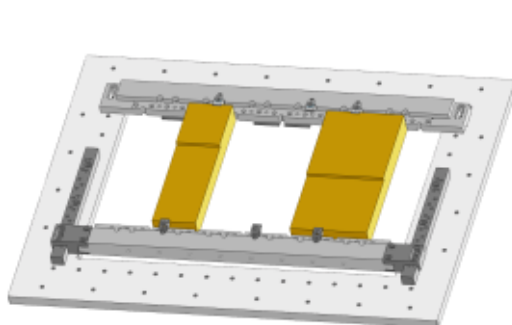
Service screws.



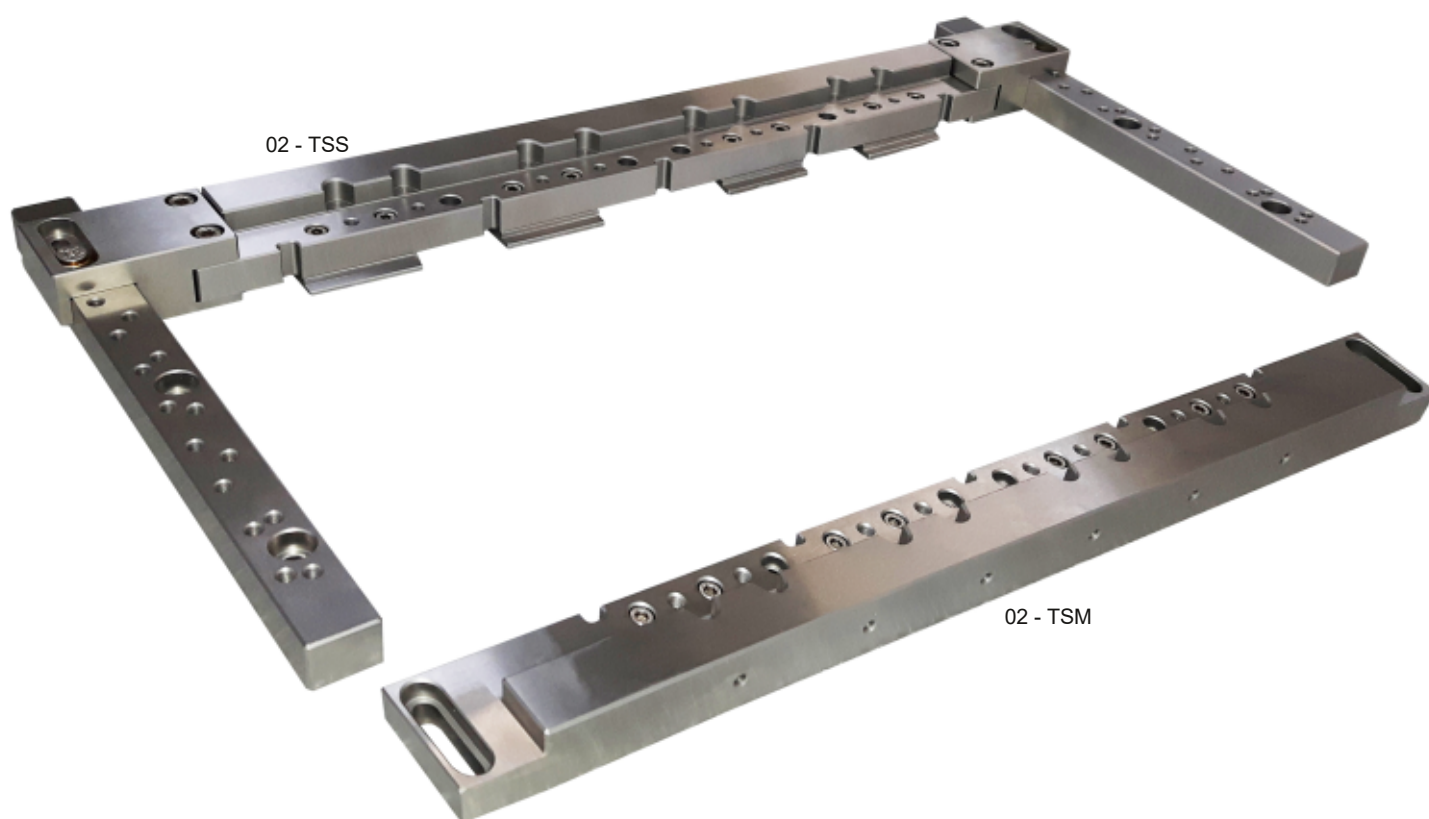
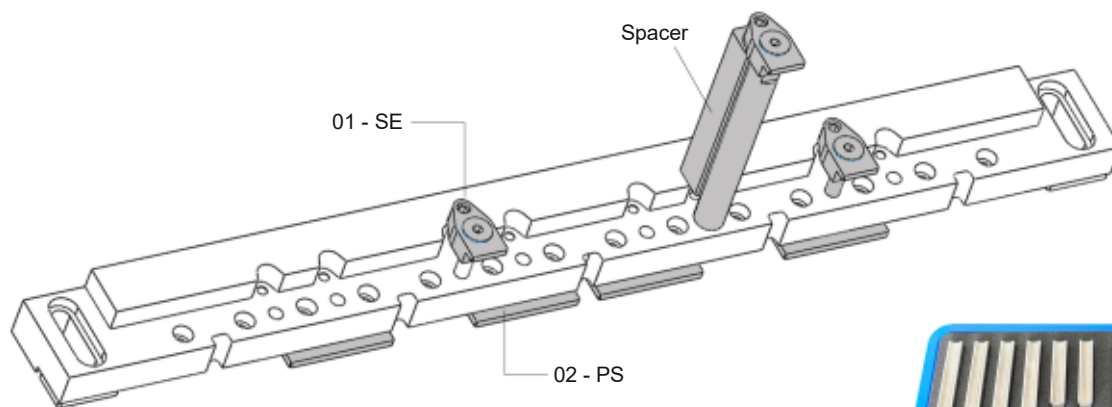
SLIDING_X KIT



SLIDING_Y KIT



	CROSSBAR 02 - TSS	CROSSBAR 02 - TSM	PLATES 02 - PS	BRACKETS 01 - SE	SPACERS L 80/100/130
SLIDING KIT	N°1	N°1	Depending on length	N° 6	N° 6



BILATERAL KIT

Kit consisting of a standard bilateral crossbar onto which the workpiece can be fixed, on both sides, by means of brackets and plates included. On the standard bilateral crossbar it is possible to anchor the MODULAR adjustable clamp bodies, which allow different types of clamping of the workpiece and the adjustment of the flatness.

In addition to the crossbar, the kit is supplied with two extendable supports useful for fixing in pairs. The crossbar are fixed to the machine table.

THE SUPPLY FOR EACH KIT INCLUDES:

N° 1 STANDARD BILATERAL CROSSBAR 02 – TSB

With 25 mm span adjustment. Prepared for attachment of MODULAR adjustable clamp bodies.

A set of 02 – PS plates for supporting the workpiece, allowing machining at a height of 3,3 mm above the machine table.

AN EXTENSIBLE KIT:

N° 1 Extensible adjustable support 01 – 250E

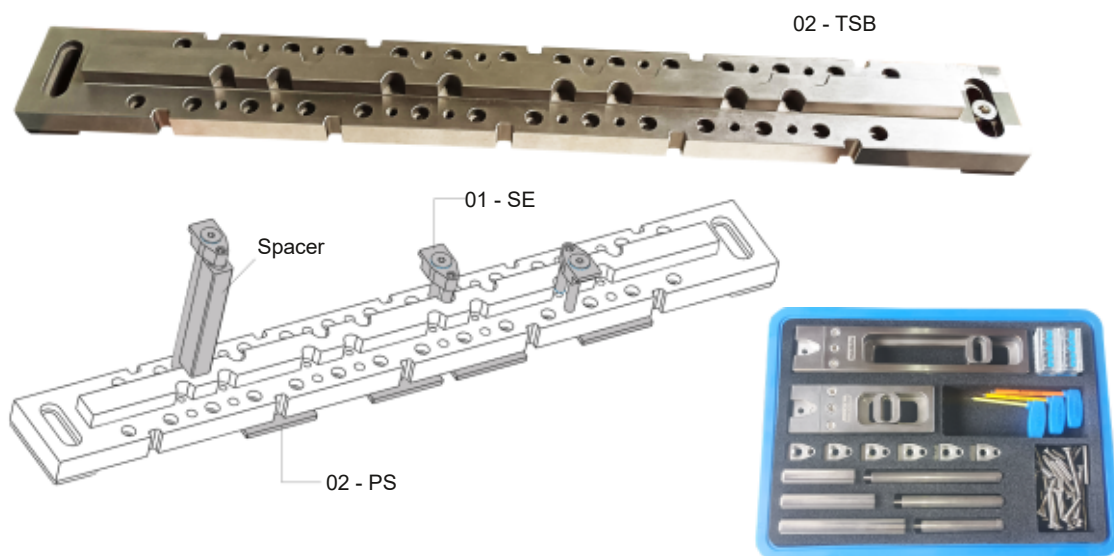
N° 1 Extensible adjustable support 01 – 150E

N° 6 Universal brackets 01 – SE with clamping capacity on the crossbars from 17,5 to 56 mm and on the two adjustable supports from 12 to 53 mm

N° 3 Spacers to be coupled to brackets 01 – SE for increased fixing capacity L 80/100/130 mm

N° 2 Magnets kit

3 keys and service screws.

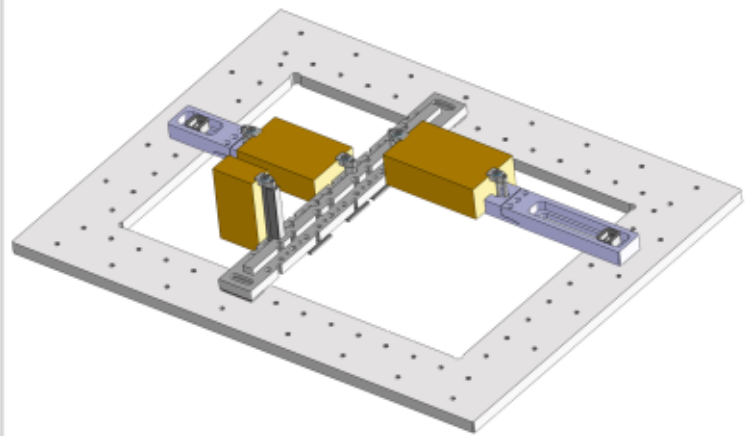
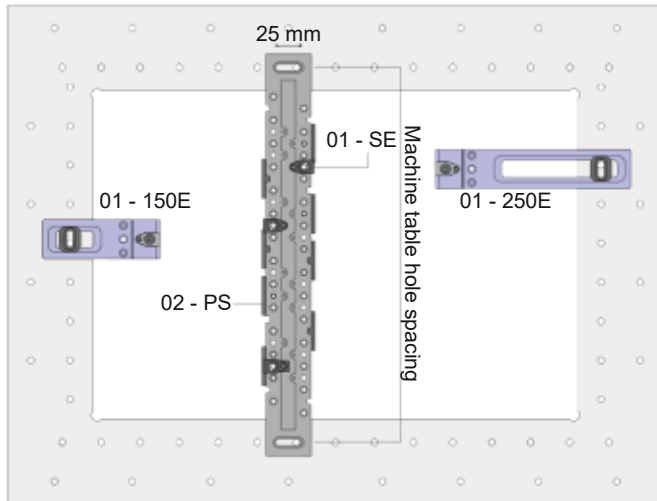


Extensible adjustable support.
For securing workpieces of 12 53 mm height.
Span adjustment in length up to 43 mm.
Span adjustment in width up to 14 mm.

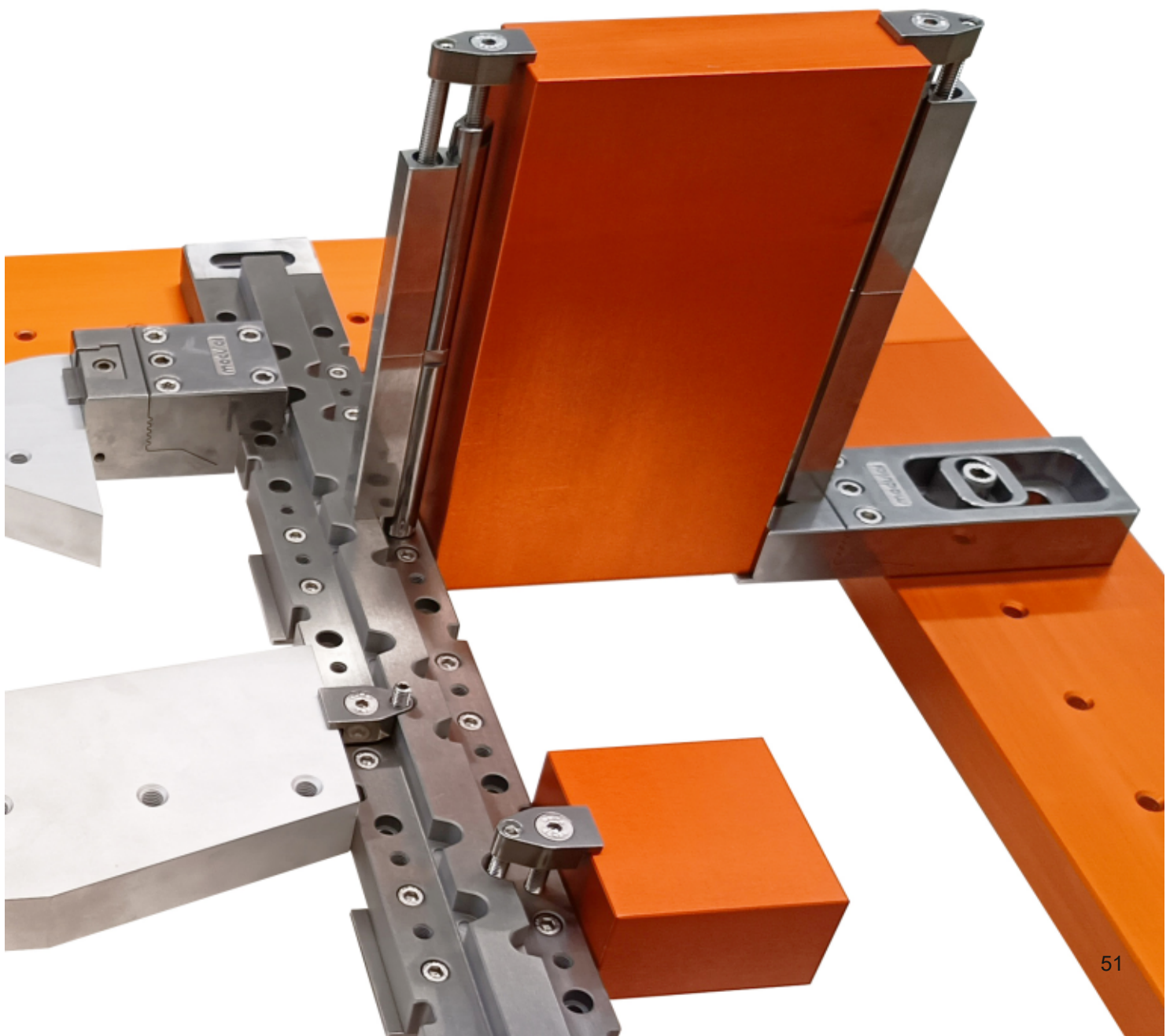


Extensible adjustable support.
For securing workpieces of 12 53 mm height.
Span adjustment in length up to 140 mm.
Span adjustment in width up to 14 mm.

	CROSSBAR 02 - TSB	SUPPORT 01 - 150E	SUPPORT 01 - 250E	PLATES 02 - PS	BRACKETS 01 - SE	SPACERS L 80/100/130
BILATERAL KIT	N°1	N°1	N°1	Depending on length	N° 6	N° 3



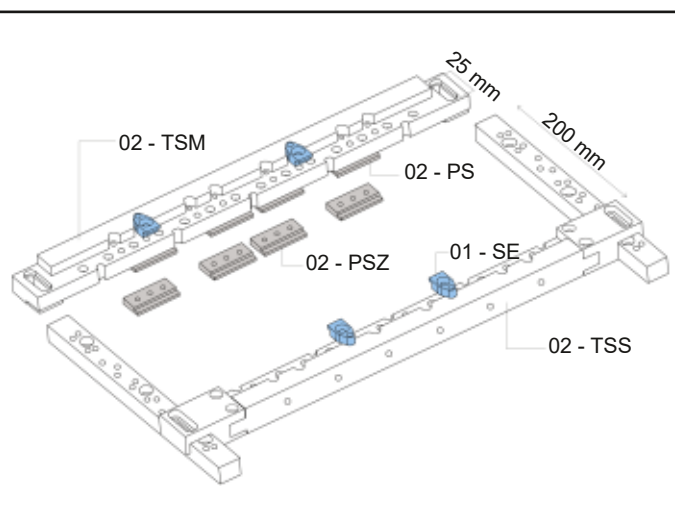
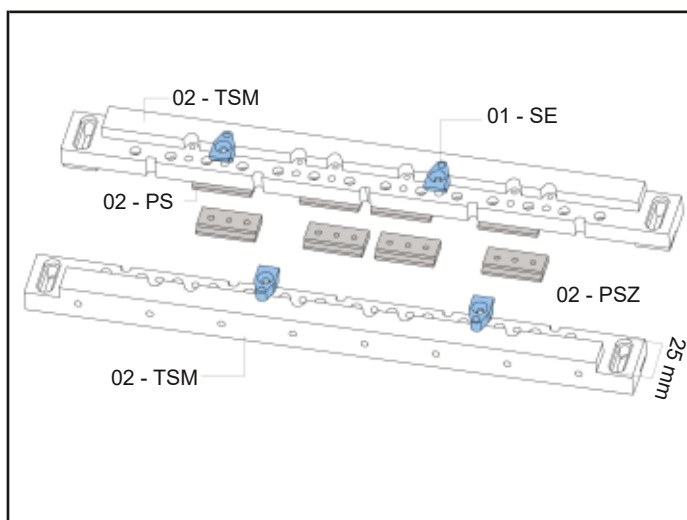
BILATERALE_Y Kit



COMPOSITIONS

Comp. 101	Comp. 102	Comp. 103
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Comp. 104	Comp. 105	Comp. 106
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Compositions 101 ; 102 ; 103 include:

Two STANDARD MONOLATERAL CROSSBARS 02 – TSM with 25 mm span adjustment. Prepared for attachment of MODULAR adjustable clamp bodies.

Brackets 01 – SE with clamping capacity on the crossbars from 17,5 to 56 mm.

A series of workpiece holder plates 02 - PS to be used for placing the workpiece at 3,3 mm above the machine table. Or from a series of workpiece holder plates 02 - PSZ to be used to place the piece to be machined at zero with respect to the machine table.

From an adjustable clamp body 01 - 4085 or 01 - 6085 plus jaws and service keys.

Compositions 104 ; 105 ; 106 include:

A STANDARD MONOLATERAL CROSSBAR 02 – TSM with 25 mm span adjustment. Prepared for attachment of MODULAR adjustable clamp bodies.

A SLIDING CROSSBAR 02 – TSS with 200 mm span adjustment. Prepared for attachment of MODULAR adjustable clamp bodies.

Brackets 01 – SE with clamping capacity on the crossbars from 17,5 to 56 mm.

A series of workpiece holder plates 02 - PS to be used for placing the workpiece at 3,3 mm above the machine table. Or from a series of workpiece holder plates 02 - PSZ to be used to place the piece to be machined at zero with respect to the machine table.

From an adjustable clamp body 01 - 4085 or 01 - 6085 plus jaws and service keys.

Clamp body 01 - 4085	Clamp body 01 - 6085	Jaw 01 - 4012	Jaw 01 - 4027	Jaw 01 - 4034	Jaw 01 - 6054	Jaw 01 - 6080

COMPOSITION 101

Suitable for machine tables with fixing holes at distance between centers up to 540 mm.

	101/A	101/B	101/C	101/D	101/E	101/F
n° 2 Crossbars 02 - TSM	X	X	X	X	X	X
n° 8 Plates 02 - PS	X	X			X	X
n° 8 Plates 02 - PSZ			X	X	X	X
n° 4 Brackets 01 - SE	X	X	X	X	X	X
n° 1 Clamp body 01 - 4085	X		X		X	
n° 1 Clamp body 01 - 6085		X		X		X
n° 1 Jaw 01 - 4012	X	X	X	X	X	X
n° 1 Jaw 01 - 4027	X		X		X	
n° 1 Jaw 01 - 4034	X		X		X	
n° 1 Jaw 01 - 6054		X		X		X
n° 1 Jaw 01 - 6080	X	X	X	X	X	X

COMPOSITION 102

Suitable for machine tables with fixing holes at distance between centers from 550 to 640 mm.

	102/A	102/B	102/C	102/D	102/E	102/F
n° 2 Crossbars 02 - TSM	X	X	X	X	X	X
n° 10 Plates 02 - PS	X	X			X	X
n° 10 Plates 02 - PSZ			X	X	X	X
n° 4 Brackets 01 - SE	X	X	X	X	X	X
n° 1 Clamp body 01 - 4085	X		X		X	
n° 1 Clamp body 01 - 6085		X		X		X
n° 1 Jaw 01 - 4012	X	X	X	X	X	X
n° 1 Jaw 01 - 4027	X		X		X	
n° 1 Jaw 01 - 4034	X		X		X	
n° 1 Jaw 01 - 6054		X		X		X
n° 1 Jaw 01 - 6080	X	X	X	X	X	X

COMPOSITION 103

Suitable for machine tables with fixing holes at distance between centers from 650 to 740 mm.

	103/A	103/B	103/C	103/D	103/E	103/F
n° 2 Crossbars 02 - TSM	X	X	X	X	X	X
n° 12 Plates 02 - PS	X	X			X	X
n° 12 Plates 02 - PSZ			X	X	X	X
n° 6 Brackets 01 - SE	X	X	X	X	X	X
n° 1 Clamp body 01 - 4085	X		X		X	
n° 1 Clamp body 01 - 6085		X		X		X
n° 1 Jaw 01 - 4012	X	X	X	X	X	X
n° 1 Jaw 01 - 4027	X		X		X	
n° 1 Jaw 01 - 4034	X		X		X	
n° 1 Jaw 01 - 6054		X		X		X
n° 1 Jaw 01 - 6080	X	X	X	X	X	X

COMPOSITION 104

Suitable for machine tables with fixing holes at distance between centers up to 540 mm.

	104/A	104/B	104/C	104/D	104/E	104/F
n° 1 Crossbar 02 - TSM	X	X	X	X	X	X
n° 1 Crossbar 02 - TSS	X	X	X	X	X	X
n° 8 Plates 02 - PS	X	X			X	X
n° 8 Plates 02 - PSZ			X	X	X	X
n° 4 Brackets 01 - SE	X	X	X	X	X	X
n° 1 Clamp body 01 - 4085	X		X		X	
n° 1 Clamp body 01 - 6085		X		X		X
n° 1 Jaw 01 - 4012	X	X	X	X	X	X
n° 1 Jaw 01 - 4027	X		X		X	
n° 1 Jaw 01 - 4034	X		X		X	
n° 1 Jaw 01 - 6054		X		X		X
n° 1 Jaw 01 - 6080	X	X	X	X	X	X

COMPOSITION 105

Suitable for machine tables with fixing holes at distance between centers from 550 to 640 mm.

	105/A	105/B	105/C	105/D	105/E	105/F
n° 1 Crossbar 02 - TSM	X	X	X	X	X	X
n° 1 Crossbar 02 - TSS	X	X	X	X	X	X
n° 10 Plates 02 - PS	X	X			X	X
n° 10 Plates 02 - PSZ			X	X	X	X
n° 4 Brackets 01 - SE	X	X	X	X	X	X
n° 1 Clamp body 01 - 4085	X		X		X	
n° 1 Clamp body 01 - 6085		X		X		X
n° 1 Jaw 01 - 4012	X	X	X	X	X	X
n° 1 Jaw 01 - 4027	X		X		X	
n° 1 Jaw 01 - 4034	X		X		X	
n° 1 Jaw 01 - 6054		X		X		X
n° 1 Jaw 01 - 6080	X	X	X	X	X	X

COMPOSITION 106

Suitable for machine tables with fixing holes at distance between centers from 650 to 740 mm.

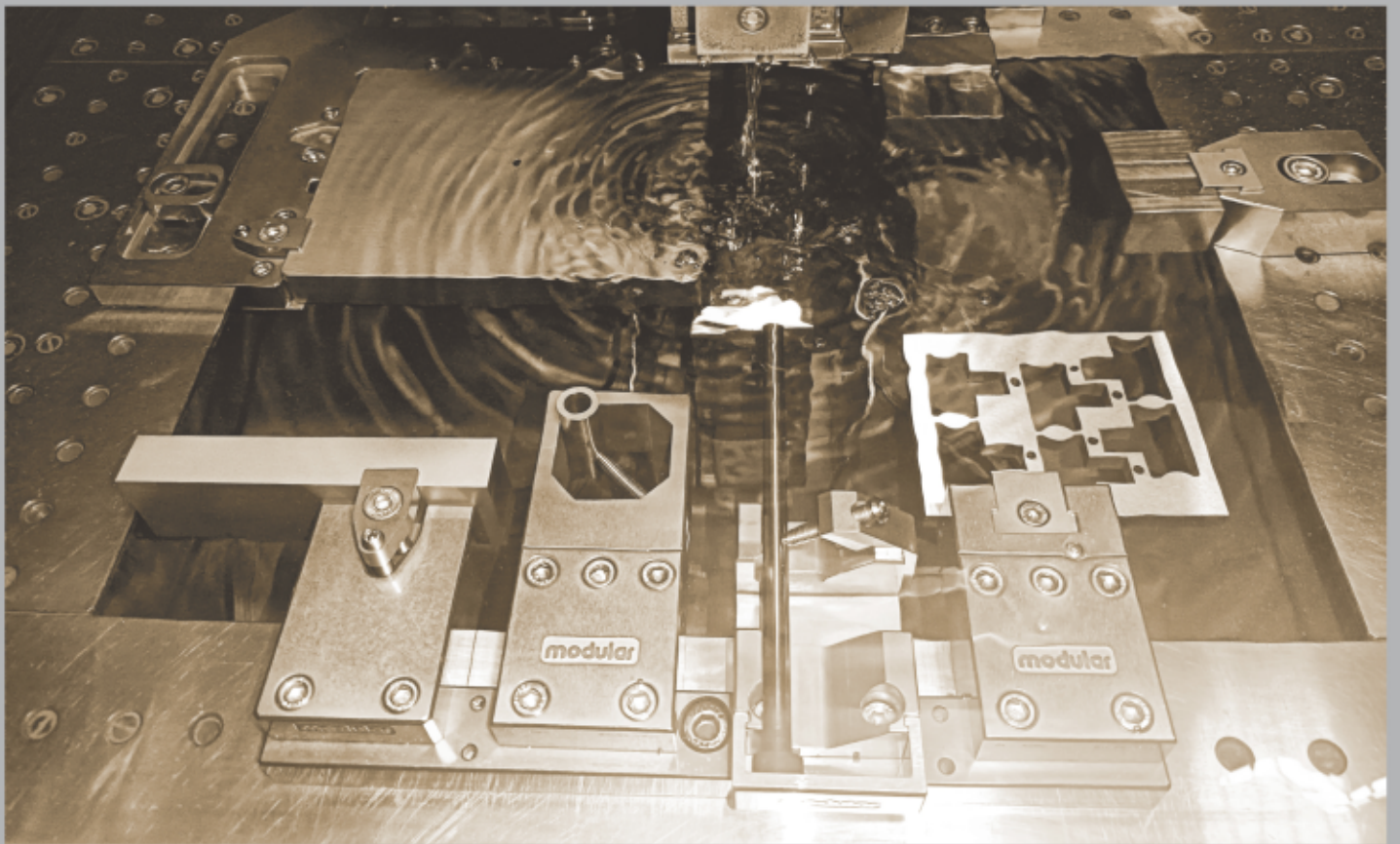
	106/A	106/B	106/C	106/D	106/E	106/F
n° 1 Crossbar 02 - TSM	X	X	X	X	X	X
n° 1 Crossbar 02 - TSS	X	X	X	X	X	X
n° 12 Plates 02 - PS	X	X			X	X
n° 12 Plates 02 - PSZ			X	X	X	X
n° 6 Brackets 01 - SE	X	X	X	X	X	X
n° 1 Clamp body 01 - 4085	X		X		X	
n° 1 Clamp body 01 - 6085		X		X		X
n° 1 Jaw 01 - 4012	X	X	X	X	X	X
n° 1 Jaw 01 - 4027	X		X		X	
n° 1 Jaw 01 - 4034	X		X		X	
n° 1 Jaw 01 - 6054		X		X		X
n° 1 Jaw 01 - 6080	X	X	X	X	X	X

FIXING CAPACITY

JAWS	CLAMP BODIES AT HEIGHT 40				CLAMP BODIES AT HEIGHT 60			
	LINE 01	LINE ESSENTIAL	LINE FAST	ADDENDUM	LINE 01	LINE ESSENTIAL	LINE FAST	ADDENDUM
01 - 4012	0 to 12 mm	0 to 12 mm	0 to 12 mm	0 to 12 mm	0 to 32 mm	0 to 32 mm	0 to 32 mm	0 to 32 mm
01 - 4027	19,5 to 27 mm	19,5 to 27 mm	19,5 to 27 mm	19,5 to 27 mm	19,5 to 47 mm	19,5 to 47 mm	19,5 to 47 mm	19,5 to 47 mm
01 - 4034	12 to 34 mm	12 to 34 mm	12 to 34 mm	12 to 34 mm	12 to 54 mm	12 to 54 mm	12 to 54 mm	12 to 54 mm
01 - 6054	12 to 40 mm	12 to 40 mm	12 to 40 mm	12 to 40 mm	12 to 60 mm	12 to 60 mm	12 to 60 mm	12 to 60 mm
01 - 6080	54 to 60 mm	54 to 60 mm	54 to 60 mm	54 to 60 mm	54 to 80 mm	54 to 80 mm	54 to 80 mm	54 to 80 mm
01 - 4012V	12 to 18 mm D	12 to 18 mm D	12 to 18 mm D	12 to 18 mm D	12 to 26 mm D	12 to 26 mm D	12 to 26 mm D	12 to 26 mm D
BIG G+B	73 to 90 mm	73 to 90 mm	73 to 90 mm	73 to 90 mm	73 to 110 mm	73 to 110 mm	73 to 110 mm	73 to 110 mm
BIG G+I+B	103 to 120 mm	103 to 120 mm	103 to 120 mm	103 to 120 mm	103 to 140 mm	103 to 140 mm	103 to 140 mm	103 to 140 mm
BIG G+I+I+B	133 to 150 mm	133 to 150 mm	133 to 150 mm	133 to 150 mm	133 to 170 mm	133 to 170 mm	133 to 170 mm	133 to 170 mm

	EXTENSIBLE 01 - 150E/250E	02 - CORNER	ESSENTIAL H40	ESSENTIAL H60	CROSSBARS
01 - SE	12 to 53 mm	15 to 55 mm	19 to 60 mm	39 to 80 mm	17,5 to 56 mm
01 - SE + 01 - SED	63 to 103 mm	66 to 105 mm	77 to 110 mm	97 to 130 mm	67,5 to 106 mm
01 - SE + SPACER 80 mm	92 to 133 mm	95 to 135 mm	107 to 140 mm	127 to 160 mm	97,5 to 136 mm
01 - SE + SPACER 100 mm	112 to 153 mm	115 to 155 mm	127 to 160 mm	147 to 180 mm	117,5 to 156 mm
01 - SE + SPACER 130 mm	142 to 183 mm	145 to 185 mm	157 to 190 mm	177 to 210 mm	147,5 to 186 mm

SINCE THE 80/100/130 SPACERS CAN BE SUPERIMPOSED ON EACH OTHER, THEY CAN INCREASE THE FIXING CAPACITY DEPENDING ON THE COMBINATION USED.



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