The unique Easy-clamping base serves as a quick clamping station for a variety of vices and extensions blocks.

Fixing, adjusting and removing to machine tables with t-slots is done in a few seconds by turning just a single screw.

**MATCHING EASY-CLAMPING BASE**

<table>
<thead>
<tr>
<th>BRILLIANT</th>
<th>M</th>
<th>L</th>
<th>XL</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>220</td>
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<tr>
<td>240</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>230/250</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>255/265</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>275</td>
<td></td>
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<td>285</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>2000</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* only conditionally recommended

**OPERATION**

The flexible modular system of combining rotating and clamping with standard clamping elements saves from difficult and painstaking mounting of clamping tools into t-slots. Therefore the Easy-clamping system is a great benefit for your everyday work.

**MACHINE TABLE**

All recent ATM machine tables are standardly equipped with t-slots (retrofitting possible).

**QUICK, FLEXIBLE AND COPLANAR**
Cutting accessories

<table>
<thead>
<tr>
<th>BRILLANT</th>
<th>220</th>
<th>230</th>
<th>240</th>
<th>250</th>
</tr>
</thead>
</table>

**EASY-CLAMPING BASE M**

Order No.: Z2236008
- for machine tables with T-slots
- incl. clamping key

WxHxD: 15x80x200 mm

**DIRECT ADAPTATION**
- fast lock vice 50
- fast lock vice 60
- fast lock vice 80
- clamping system X-Clamp 3858

*not suitable for Brillant 220

**MATCHING MODULES**
- rotatable plate (base for headpieces and rotatable modules)
- head piece 1 (base for vacuum- and duo sample holder)
- head piece 2 (base for fast lock vice 50)
- head piece 3 (intermediate module for rotating plates)
- head piece 4 (base for fast lock vice 60)

* only conditionally recommended

<table>
<thead>
<tr>
<th>BRILLANT</th>
<th>200</th>
<th>230</th>
<th>250</th>
<th>255</th>
<th>265</th>
<th>275</th>
<th>285</th>
<th>2000</th>
</tr>
</thead>
</table>

| BRILLANT | 275 | 285 | 2000 |

**EASY-CLAMPING BASE L**

Order No.: Z2236011
- for machine tables with T-slots
- incl. clamping key

WxHxD: 20x80x245mm

**DIRECT ADAPTATION**
- fast lock vice 60
- fast lock vice 80
- adapter for universal vices: V-block plate, system height adapter, guide bar with sliding carriage and V-groove block

**MATCHING MODULES**
- rotatable plate (base for headpieces and rotatable modules)
- head piece 1 (base for vacuum- and duo sample holder)
- head piece 2 (base for fast lock vice 50)
- head piece 3 (intermediate module for rotating plates)
- head piece 4 (base for fast lock vice 60)

**EASY-CLAMPING BASE XL**

Order No.: Z2236026
- for machine tables with T-slots
- incl. clamping key

WxHxD: 20x100x400 mm

**DIRECT ADAPTATION**
- guide bar with sliding carriage 400 set (base for universal vice Mono 132 and chain clamping vice)
- universal power clamp 100/380
Cutting accessories

EASY-CLAMPING MODULES

Various Easy-clamping modules are a great benefit for your everyday work. The prooved fast lock vices combined with the Easy-clamping modules serve as a quick clamping station for a variety of vices and extensions blocks.

Changing of configured clamping vices with Easy-clamping bases is as fast than ever.

ROTATABLE PLATE
The rotatable plate is an intermediate module for angle adjustment with 15°-increments and a precision of 1/2°. The fitting head piece is easily to adapt to the clamping element by a quick holding fixture.

SWIVELING, ROTATING, CLAMPING

CLAMPING MODULES XL
Clamping of large components in large machines requires a very firm clamping tool. Therefore, the modules for the Easy-clamping system XL are a particularly strong. They can be built up only with power clamp 100/380 and the guide bar for universal vice Mono 132 and chain clamping vice.

Product video: https://www.youtube.com - enter 'atm, easy'.

Guide bar with universal vice
Guide bar with chain clamping vice
Universal power clamp 100/380
Cutting accessories

**EASY-CLAMPING MODULES**

**MODULES FOR EASY-CLAMPING BASE M AND L**

**ROTATABLE PLATE**

Order No.: Z2236005
- quick holding fixture for quick and easy changing the head piece
- incl. clamping key
- Angle precision: 1/2°
- Increments: 15°

**MATCHING MODULES**

- Head piece 1 (base for vacuum- and Duo-sample holder)
- Head piece 2 (base for fast lock vice 50)
- Head piece 3 (intermediate module for rotatable plates)
- Head piece 4 (base for fast lock vice 60)
- Swiveling prism 60 and 100

---

**HEAD PIECE 1**

Order No.: Z2236006
- base for vacuum-/Duo-sample holder

---

**HEAD PIECE 2**

Order No.: Z2236007
- base for fast lock vice 50 and customized solutions

---

**HEAD PIECE 3**

Order No.: Z2236016
- intermediate module with angle 90° for adapting an additional rotatable plate
- with additional rotatable plate adaption for swiveling unit with fast lock vice 50 and 60
Cutting accessories

**EASY-CLAMPING MODULES**

**HEAD PIECE 4**

Order No.: Z2236025

» base for fast lock vice 60 and customized solutions

**SWIVELING PRISM**

» for cylindrical samples Ø 4-20 mm
» swivel range adjustable 0-90°

**Swiveling prism 60**
Order No.: Z2236021

**Swiveling prism 100**
Order No.: Z2236023

**CLAMPING ELEMENT FOR HEADPIECE 1 | ROTATABLE PLATE**

**VACUUM SAMPLE HOLDER**

Order No.: Z2236002

» for object slides and unclampable samples

For microscope slide 28 x 48 mm

Vacuum pump

230 V/50 Hz (1Ph/N/PE)  
110 V/60 Hz (1Ph/N/PE)

Order No.: Z1304600  
Order No.: Z1304634

**DUO SAMPLE HOLDER**

Order No.: Z2236003

» for object slides and target preparations
» 4 ball head screws

Max. sample size 30 x 55 mm
Cutting accessories

EASY-CLAMPING MODULES

CLAMPING ELEMENT FOR HEADPIECE 3 | 2 ROTATABLE PLATES

SWIVEL UNIT VICE

Base for fast lock vice 50
Order No.: Z2236017

Base for fast lock vice 60
Order No.: Z2236018

SWIVEL UNIT VICE

Base for fast lock vice 50
Order No.: Z2236017

Base for fast lock vice 60
Order No.: Z2236018

BASES FOR VICE 50

Order No.: Z2236017
- Base for fast lock vice 50

Order No.: Z2236018
- Base for fast lock vice 60

MODULS FOR EASY-CLAMPING BASE L

SYSTEM-HEIGHT ADAPTER 50

Order No.: Z1304631
- multiple mountable
- base for fast lock vice 80
- extension with V-block plate 40 for universal vices
- incl. set of center bolts

Construction height 50 mm

Mounting example

V-BLOCK PLATE 40

Order No.: Z1304624
- base for universal vices
- for Easy-clamping base L (please order set of center bolts)
- also usable without Easy-clamping base, incl. fasteners

Construction height 40 mm
T-slot 12 mm

ACCESSORIES

SET OF CENTER BOLTS

Order No.: Z2236013
- for mounting to Easy-clamping base or height-adapter

Universal vice Piccolo
Universal vice Mono
center bolts
Cutting accessories

GUIDE BAR WITH SLIDING CARRIAGE AND V-GROOVE BLOCK

Order No.: Z1350001
- base for Universal vices Mono
- for clamping crankshafts, camshafts
- bar 400 mm, with sliding carriage, V-groove block
- incl. fasteners for T-slot 12 mm

VERTICAL VICE

Order No.: Z1350001
- for clamping of delicate, thin specimens
- integrated Easy-clamping base M or L
- incl. adjustable stop

VERTICAL VICE SINGLE

Order No.: Z2236009
- with Easy-clamping base M

Order No.: Z2236019
- with Easy-clamping base L

VERTICAL VICE DOUBLE

Order No.: Z2236010
- with Easy-clamping base M

Order No.: Z2236020
- with Easy-clamping base L

GUIDE BAR 400 SET

Order No.: Z1350024
- base for Universal vices Mono, Duo, chain clamping unit
- for clamping crankshafts, camshafts
- bar 400 mm, standard sliding carriage
- 1x V-groove block 120°
- 2x slanted resting blocks
- incl. fasteners for T-slot 12 mm

BRILLANT 275 285 2000
**UNIVERSAL-POWER CLAMPING SYSTEM 100/380**

Order N.: Z2234015
- Integrated mechanical-hydraulic power
- With standard clamping jaws plane/grooved, h 34 mm
- Including fasteners for T-slot nuts 12 mm and hand crank

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clamping width</td>
<td>0 – 205 mm</td>
</tr>
<tr>
<td>Max. clamp force</td>
<td>25 kN</td>
</tr>
<tr>
<td>Weight</td>
<td>18.5 kg</td>
</tr>
<tr>
<td>WxHxD</td>
<td>100x104x466 mm</td>
</tr>
</tbody>
</table>

**UNIVERSAL-POWER CLAMPING SYSTEM 100/540**

Order N.: Z2234016
- Integrated mechanical-hydraulic power
- Including fasteners for T-slot nuts 12 mm

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clamping width</td>
<td>0 – 365 mm</td>
</tr>
<tr>
<td>Max. clamp force</td>
<td>25 kN</td>
</tr>
<tr>
<td>Weight</td>
<td>26.3 kg</td>
</tr>
<tr>
<td>WxHxD</td>
<td>100x104x625 mm</td>
</tr>
</tbody>
</table>

**V-Groove jaw**

Order N.: Z2234018
- Horizontal V-groove
- Combinal with flat jaw h 80 mm
- Including fixing screws

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>WxH</td>
<td>100x80 mm</td>
</tr>
</tbody>
</table>

For clamping round material Ø 10 – 100 mm

**Flat jaw/h 80 mm**

Order N.: Z2234017
- Grooved tightening surface
- For clamping parallel specimens
- Combinal with V-groove jaw
- Including fixing screws

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>WxH</td>
<td>100x80 mm</td>
</tr>
</tbody>
</table>

**Angle drive**

Order N.: Z2234019
- Crank with top operation

---

**Cutting accessories**

**EASY-CLAMPING MODULES**

[Images of cutting accessories with specifications and operations.]
### Cuttings accessories

#### FAST LOCK VICE 50

- **FAST LOCK VICE 50**
  - » with manual force amplification
  - Jaws WxH: 35x25 mm
  - Incl. accessories: Nutbreite 8 mm

<table>
<thead>
<tr>
<th>Clamping range 50 mm</th>
<th>Clamping range 100 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Order No.: Z2270002</td>
<td>Order No.: Z2270003</td>
</tr>
<tr>
<td>» lever left</td>
<td>» lever left</td>
</tr>
<tr>
<td>Order No.: Z2270000</td>
<td>Order No.: Z2270001</td>
</tr>
<tr>
<td>» lever right</td>
<td>» lever right</td>
</tr>
</tbody>
</table>

#### V-groove jaw

- **V-groove jaw**
  - Order No.: 02270011
  - round materials: Ø 1-35 mm

#### FAST LOCK VICE 60

- **FAST LOCK VICE 60**
  - » with force memory system
  - » horizontal fixation of round materials
  - Jaws WxH: 60x32 mm
  - HxD: 54x195 mm

<table>
<thead>
<tr>
<th>Clamping range 120 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Order No.: Z2235002</td>
</tr>
<tr>
<td>» lever left</td>
</tr>
<tr>
<td>Order No.: Z2235001</td>
</tr>
<tr>
<td>» lever right</td>
</tr>
</tbody>
</table>

#### V-groove jaw

- **V-groove jaw**
  - Order No.: 02235013
  - round materials: Ø 2-35 mm
Cutting accessories

FAST LOCK VICE 80

» with force memory system
» horizontal fixation of round materials

<table>
<thead>
<tr>
<th>Jaws WxH 80x35 mm</th>
<th>HxD 71x203 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clamping range 100 mm</td>
<td>Order No.: Z2231001 » lever left</td>
</tr>
<tr>
<td>Clamping range 150 mm</td>
<td>Order No.: Z2231002 » lever left</td>
</tr>
<tr>
<td>Clamping range 250 mm</td>
<td>Order No.: Z2231020 » lever left</td>
</tr>
<tr>
<td>Order No.: Z2231003 » lever right</td>
<td></td>
</tr>
<tr>
<td>Order No.: Z2231004 » lever right</td>
<td></td>
</tr>
<tr>
<td>Order No.: Z2231021 » lever right</td>
<td></td>
</tr>
</tbody>
</table>

V-groove jaw
Order No.: 02231016
round materials Ø 2-40 mm

Rotating plate 2x 60°
Order No.: Z1304560
» manual rotation of clamping tool
» manual horizontal move on machine table
Clamping range 100 mm
Swivel range +/- 60°

Screw Clamping System
Order No.: Z1304643
» tool mounting with Easy-Clamping
Base M (medium)*
» for longitudinal cut of screws
Ø outer thread 4-12 mm
HxWxD 95x85x200 mm

*supplied without Easy-clamping base
CROSS VICE
» especially suitable for samples which contract during cutting process by material tension: the samples are pulled apart by the transversely exciting jaws
» for parallel clamping of round and rectangular samples, particular for longitudinal cutting through hardened materials
» excentric clamping arrangement allows rapid changing of samples

BRILLANT 200 230 240 250 255 265
* on request

BRILLANT 255* 265 275 285 2000

BRILLANT 275 285 2000

EXPANSION CLAMPING DEVICE
Order No.: Z1304636
» to release material tension of cylindrical, hollow workpieces

Inner sample-Ø 55 – 120 mm
Adjustment* ca. 10 mm
* extendable by exchange of cylindrical pins

CROSS VICE 80/150
Order No.: Z1340001
» counter holder adjustable
WxH 80 x 50 mm
Round materials Ø max. 90 mm
Clamping range max. 150 mm
Incl. accessories Nutbreite 12 mm

CROSS VICE 80/100
Order No.: Z1340000
» counter holder adjustable
WxH 80 x 50 mm
Round materials Ø max. 90 mm
Clamping range max. 100 mm
Incl. accessories T-slot 12 mm

CROSS VICE 50/100
Order No.: Z1340010
» counter holder adjustable
WxH 50 x 50 mm
Round materials Ø max. 60 mm
Clamping range max. 100 mm
Incl. accessories T-slot 12 mm

CROSS VICE 80/250
Order No.: Z1340002
» counter holder adjustable
WxH 80 x 50 mm
Round materials Ø max. 90 mm
Clamping range max. 250 mm
Incl. accessories T-slot 12 mm

CROSS VICE 80/255
Order No.: Z1340003
» counter holder adjustable
WxH 80 x 50 mm
Round materials Ø max. 90 mm
Clamping range max. 255 mm
Incl. accessories T-slot 12 mm

CROSS VICE 200
Order No.: Z1340004
» counter holder adjustable
WxH 50 x 50 mm
Round materials Ø max. 60 mm
Clamping range max. 200 mm
Incl. accessories T-slot 12 mm

CROSS VICE 230
Order No.: Z1340005
» counter holder adjustable
WxH 50 x 50 mm
Round materials Ø max. 60 mm
Clamping range max. 230 mm
Incl. accessories T-slot 12 mm

CROSS VICE 240
Order No.: Z1340006
» counter holder adjustable
WxH 50 x 50 mm
Round materials Ø max. 60 mm
Clamping range max. 240 mm
Incl. accessories T-slot 12 mm

CROSS VICE 250
Order No.: Z1340007
» counter holder adjustable
WxH 50 x 50 mm
Round materials Ø max. 60 mm
Clamping range max. 250 mm
Incl. accessories T-slot 12 mm

CROSS VICE 50/80
Order No.: Z1340008
» counter holder adjustable
WxH 50 x 50 mm
Round materials Ø max. 60 mm
Clamping range max. 80 mm
Incl. accessories T-slot 12 mm

CROSS VICE 100/150
Order No.: Z1340009
» counter holder adjustable
WxH 100 x 50 mm
Round materials Ø max. 90 mm
Clamping range max. 150 mm
Incl. accessories T-slot 12 mm
<table>
<thead>
<tr>
<th>BRILLANT</th>
<th>230</th>
<th>240</th>
<th>250</th>
<th>255</th>
<th>265</th>
<th>275</th>
<th>285</th>
<th>2000</th>
</tr>
</thead>
</table>

**ANGLE VICE 60**

Order No.: Z1304001
- Vertically centered, stainless
- 2x plain jaws

<table>
<thead>
<tr>
<th>Sample-Ø V-groove jaw</th>
<th>max. 60 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clamping range</td>
<td>55 mm</td>
</tr>
<tr>
<td>Rotatable</td>
<td>270°</td>
</tr>
<tr>
<td>Incl. accessories</td>
<td>T-slot 12 mm</td>
</tr>
</tbody>
</table>

**V-groove jaw**

Order No.: 01304008

Round materials Ø 10-60 mm

<table>
<thead>
<tr>
<th>BRILLANT</th>
<th>255</th>
<th>265</th>
<th>275</th>
<th>285</th>
<th>2000</th>
</tr>
</thead>
</table>

**ANGLE VICE 80**

Order No.: Z1302000
- Vertically centered, stainless
- 2x plain jaws

<table>
<thead>
<tr>
<th>Sample-Ø V-groove jaw</th>
<th>max. 60 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clamping range</td>
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<tr>
<td>Rotatable</td>
<td>270°</td>
</tr>
<tr>
<td>Incl. accessories</td>
<td>T-slot 12 mm</td>
</tr>
</tbody>
</table>

**V-groove jaw**

Order No.: 01302016

Round materials Ø 10-60 mm

<table>
<thead>
<tr>
<th>BRILLANT</th>
<th>230</th>
<th>240</th>
<th>250</th>
<th>255</th>
<th>265</th>
<th>275</th>
<th>285</th>
<th>2000</th>
</tr>
</thead>
</table>

**ROTATING VICE 60**

Order No.: Z1304002
- Vertically centered, stainless
- 2x plain jaws

<table>
<thead>
<tr>
<th>Sample-Ø V-groove jaw</th>
<th>max. 60 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clamping range</td>
<td>max. 55 mm</td>
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<tr>
<td>Sample-Ø</td>
<td>Ø 60 mm</td>
</tr>
<tr>
<td>Swivel range</td>
<td>90°</td>
</tr>
<tr>
<td>Incl. accessories</td>
<td>T-slot 12 mm</td>
</tr>
</tbody>
</table>

**V-groove jaw**

Order No.: 01304008

Round materials Ø 10-60 mm
UNIVERSAL POWER CLAMPING SYSTEM LC 90

Order No.: Z2234001
- easy and safe clamping of various workpieces
- various clamping jaws available
- up to 28 kN tension with modest effort through mechanical power transmission
- adjustable clamping force (11 settings)
- incl. fasteners for t-slot nuts 12 mm and hand crank

CLAMPING JAWS

Carrier jaws LC 90
Order No.: Z2234003
- 1 pair, base for V-groove jaw and flat jaw 100
- easy fastening with just one screw
- made of high-strength aluminium with ceramic coating

V-groove jaw 100
Order No.: Z2234004
- 1 piece, combinable with flat jaw 100
- rotatable jaw (case-hardened steel)
- jaw size (WxH) 100 x 70 mm
- two horizontal V-grooves
- for clamping round material between Ø 10 and 100 mm
- incl. fixing screw

Flat jaw 100
Order No.: Z2234005
- 1 piece, combinable with flat jaw 100
- rotatable jaw (case-hardened steel)
- jaw size (WxH) 100 x 70 mm
- flat tightening surface
- for clamping parallel specimens
- incl. fixing screw

QUICK-CHANGING DEVICE

Order No.: Z2234009
- 1 pair
- quick and easy connection of modules by using pull-down-studs
- for fixation of step jaw 100 clamping system X-Clamp 100 customized clamping solutions

STEP JAW 100

Order No.: Z2234008
- 1 pair
- clamping of parallel workpieces
- application of clamping force via basic module LC 90
- 180° rotatable
- use only with quick changing device

CLAMPING SYSTEM X-CLAMP 100

Order No.: Z2234002
- 1 pair
- individual and safe clamping of various specimen shapes and sizes with spring suspended stainless steel plungers
- perfect form fit with minimal effort
- time-saving
- use only with quick-changing device
- incl. torque wrench and fixing screws
Cutting accessories

**BASE 90°**

Order No.: Z2234006
- for installing the basic module LC 90 in side position 90°
- incl. fixing material for T-slot nut DIN 650 12 mm

**SUPPORT MODULE**

Order No.: Z1350023
- 1 piece
- for supporting long workpieces
- reducing of vibrations
- spring suspended plungers fit tightly to the specimen
- fixation of plungers
- supplementary fixation of workpiece from above possible with universal vice
- quick and easy connection of modules by using pull-down studs

**CUSTOMIZED CLAMPING JAWS**

- ATM-service: send us your drawing (DXF or DWG-file) or fotos of your workpiece.
  We will design your individually optimized clamping vice.

**BASE 90°**

Order No.: Z2234006
- for installing the basic module LC 90 in side position 90°
- incl. fixing material for T-slot nut DIN 650 12 mm

**SUPPORT MODULE**

Order No.: Z1350023
- 1 piece
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**CUSTOMIZED CLAMPING JAWS**

- ATM-service: send us your drawing (DXF or DWG-file) or fotos of your workpiece.
  We will design your individually optimized clamping vice.

**BASE FOR CLAMPING SYSTEM X-CLAMP 3858**

- incl. fixing material

**BASE FOR CLAMPING SYSTEM X-CLAMP 3858**

Order No.: Z2234010
- individual and safe clamping of various smaller specimen shapes and sizes with spring suspended stainless steel plungers
- perfect form fit with minimal effort
- time-saving
- incl. torque wrench

<table>
<thead>
<tr>
<th>Plunger area WxH</th>
<th>23x20 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plunger stroke</td>
<td>12 mm</td>
</tr>
<tr>
<td>Max. clamping width</td>
<td>118 mm</td>
</tr>
</tbody>
</table>

**BASE FOR CLAMPING SYSTEM X-CLAMP 3858**

Order No.: Z2234012
- for fixation with T-slot nut 8 mm

Order No.: Z2234011
- for fixation with T-slot nut 12 mm

**BASIC MODULE**

**CLAMPING SYSTEM X-CLAMP 3858**

Order No.: Z2234010
- individual and safe clamping of various smaller specimen shapes and sizes with spring suspended stainless steel plungers
- perfect form fit with minimal effort
- time-saving
- incl. torque wrench

<table>
<thead>
<tr>
<th>Plunger area WxH</th>
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<tr>
<td>Max. clamping width</td>
<td>118 mm</td>
</tr>
</tbody>
</table>

**BASE FOR CLAMPING SYSTEM X-CLAMP 3858**

- incl. fixing material

**BASE FOR CLAMPING SYSTEM X-CLAMP 3858**

Order No.: Z2234012
- for fixation with T-slot nut 8 mm

Order No.: Z2234011
- for fixation with T-slot nut 12 mm

**ACCESSORIES**

**BASE FOR CLAMPING SYSTEM X-CLAMP 3858**

- incl. fixing material

**BASE FOR CLAMPING SYSTEM X-CLAMP 3858**

Order No.: Z2234012
- for fixation with T-slot nut 8 mm

Order No.: Z2234011
- for fixation with T-slot nut 12 mm
**UNIVERSAL VICE PICCOLO 54**

Order No.: Z1350008
- incl. handle

- Working radius: 54 mm
- Clamping height: 15 - 58 mm
- Clamping force: 6,5 kN
- Fixing screws: M 8 x 25
- T-slot nut stainless: M 8 x 12

**UNIVERSAL VICE MONO 61**

Order No.: Z1350002
- incl. handle

- Working radius: 61 mm
- Clamping height: 8 - 102 mm
- Clamping force: 12 kN
- Fixing screw: M 10 x 32
- T-slot nut stainless: M 10 x 12

**UNIVERSAL VICE MONO 100**

Order No.: Z1350012
- incl. handle

- Working radius: 100 mm
- Clamping height: 40 - 90 mm
- Clamping force: 4,2 kN
- Fixing screw: M 8 x 25
- T-slot nut stainless: M 8 x 12

**UNIVERSAL VICE PICCOLO 100**

Order No.: Z1350008
- incl. handle

- Working radius: 100 mm
- Clamping height: 40 - 90 mm
- Clamping force: 4,2 kN
- Fixing screw: M 8 x 25
- T-slot nut stainless: M 8 x 12

**SUITCASE SET UNIVERSAL VICE MONO 61**

Order No.: Z1350004
- 2x universal vice Mono 61
- 2x height adapter Mono
- 1x handle Mono
- 1x clamping arm extension
- 3x standard clamping shoe
- 1x clamping shoe traverse bridge
- 1x clamping shoe longitudinal bridge
- 1x clamping shoe traverse V-shoe
- 1x clamping shoe longitudinal V-shoe
- 4x T-slot nuts stainless M 8 x 12
- 4x fixing screws M 8 x 25

**UNIVERSAL VICE PICCOLO 54**

Order No.: Z1350010
- 2x universal vice Piccolo 54
- 2x height adapter Piccolo
- 1x handle Piccolo
- 1x clamping arm extension
- 3x standard clamping shoe
- 1x piece clamping shoe traverse bridge
- 1x clamping shoe longitudinal bridge
- 1x clamping shoe traverse V-shoe
- 1x clamping shoe longitudinal V-shoe
- 4x T-slot nuts stainless M 8 x 12
- 4x fixing screws M 8 x 25

**SUITCASE SET UNIVERSAL VICE MONO 132**

Order No.: Z1350011
- incl. handle

- Working radius: 132 mm
- Clamping height: 43 - 155 mm
- Clamping force: 8 kN
- Fixing screw: M 10 x 32
- T-slot nut stainless: M 10 x 12

**SUITCASE SET UNIVERSAL VICE MONO 132**

Order No.: Z1350011
- incl. handle

- Working radius: 132 mm
- Clamping height: 43 - 155 mm
- Clamping force: 8 kN
- Fixing screw: M 10 x 32
- T-slot nut stainless: M 10 x 12

**SUITCASE SET UNIVERSAL VICE MONO 61**

Order No.: Z1350004
- 2x universal vice Mono 61
- 2x height adapter Mono
- 1x handle Mono
- 1x clamping arm extension
- 3x standard clamping shoe
- 1x clamping shoe traverse bridge
- 1x clamping shoe longitudinal bridge
- 1x clamping shoe traverse V-shoe
- 1x clamping shoe longitudinal V-shoe
- 4x T-slot nuts stainless M 8 x 12
- 4x fixing screws M 8 x 25

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For more information, visit [www.atm-m.com](http://www.atm-m.com).

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UNIVERSAL VICES

**UNIVERSAL VICE DUO**

Order No.: Z1350005

» for clamping and lifting
» with 2 changeable clamping arms
» incl. handle

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
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<tbody>
<tr>
<td>Working radius</td>
<td>46 - 91 mm</td>
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<tr>
<td>Clamping height</td>
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<td>Lifting height</td>
<td>4 - 142 mm</td>
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<tr>
<td>Clamping force</td>
<td>11 kN</td>
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<td>Fixing screw</td>
<td>M 10 x 32</td>
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<tr>
<td>T-slot nut stainless</td>
<td>M 10 x 12</td>
</tr>
</tbody>
</table>

**CHAIN CLAMPING VICE**

Order No.: Z1350006

» for clamping of big parts
» 1x universal vice Mono
» 1x chain (length 1m)
» 1x hooking block for chain
» incl. handle

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
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<tbody>
<tr>
<td>Clamping force</td>
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<tr>
<td>Fixing screw</td>
<td>M 10 x 32</td>
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<tr>
<td>Fixing screw</td>
<td>M 10 x 25</td>
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<tr>
<td>DIN 912</td>
<td>T-slot nut stainless</td>
</tr>
<tr>
<td></td>
<td>M 10 x 12</td>
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</tbody>
</table>

**ACCESSORIES**

**CLAMPING SHOES**

» for all universal vices

**Longitudinal V-shoe**
Order No.: 92005796

**Traverse V-shoe**
Order No.: 92005797

**Longitudinal bridge**
Order No.: 92005799

**Traverse bridge**
Order No.: 92005800

**Standard clamping shoe**
Order No.: 92005798

**FIXATION**

**Fixing screw**

» for universal vice Piccolo
M 6 x 25 Order No.: Z1304591
M 8 x 25 Order No.: 95003169
M 10 x 25 Order No.: 95003170

» for universal vice Mono, Duo, chain clamping system
M 10 x 32 Order No.: 95003168

**T-slot nut stainless**

M 6 x 8 Order No.: 91001157
M 8 x 10 Order No.: 91001161
M 8 x 12 Order No.: 91001159
M 10 x 12 Order No.: 91001158

*other sizes on request*
Cutting accessories

**UNIVERSAL VICES**

**ACCESSORIES**

**HEIGHT ADAPTER PICCOLO**
Order No.: Z1350007
Construction height 60 mm
Fixing screw M 8 x 25
T-slot nut, stainless M 8 x 12

**HEIGHT ADAPTER MONO**
Order No.: Z1350003
Construction height 74 mm
Fixing screw M 10 x 32
T-slot nut, stainless M 10 x 12

**CLAMPING ARM EXTENSION**
Order No.: 95003172
» for Piccolo 54 and Mono 61
Extension 90 mm
Clamping shoe Standard

**ACCESSORIES**

**HEIGHT ADAPTER MONO**
Order No.: Z1350003
Construction height 74 mm
Fixing screw M 10 x 32
T-slot nut, stainless M 10 x 12

**ACCESSORIES**

**CLAMPING ARM EXTENSION**
Order No.: 95003172
» for Piccolo 54 and Mono 61
Extension 90 mm
Clamping shoe Standard

**PAIR OF V-BLOCKS**
Order No.: 92005805
Angle 90°
for samples Ø 5 - 50 mm
D x W 50 x 150 mm

**ADAPTABLE TO UNIVERSAL VICE MONO:**
» see at Easy-clamping modules for Easy-clamping base L

» see at Easy-clamping modules for Easy-clamping base XL
» direct adaption: Brillant 275, 285 and 2000

**CUSTOMIZED CLAMPING TOOLS**
Different types of tasks and conditions constitute diverse demands on clamping tools and cutting equipment. The construction of our machines gives us the opportunity to design and manufacture custom-made solutions for special dimensions. ATM has already successfully developed special clamping tools for complicated cutting movements or geometries.