



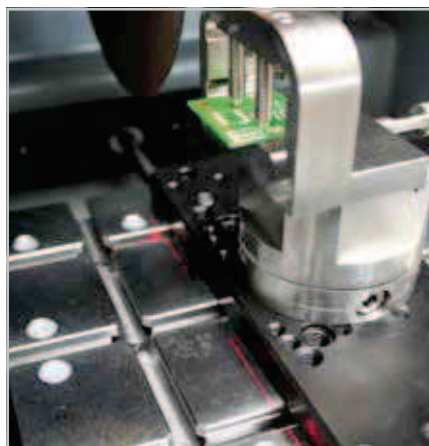
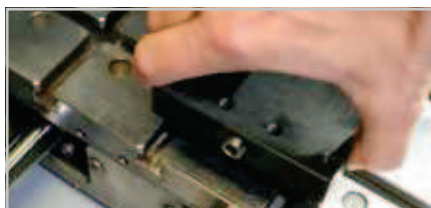
Parallel clamping in a few seconds with Easy-clamping system

The innovative **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.

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.



Easy-clamping base M with various clamping elements



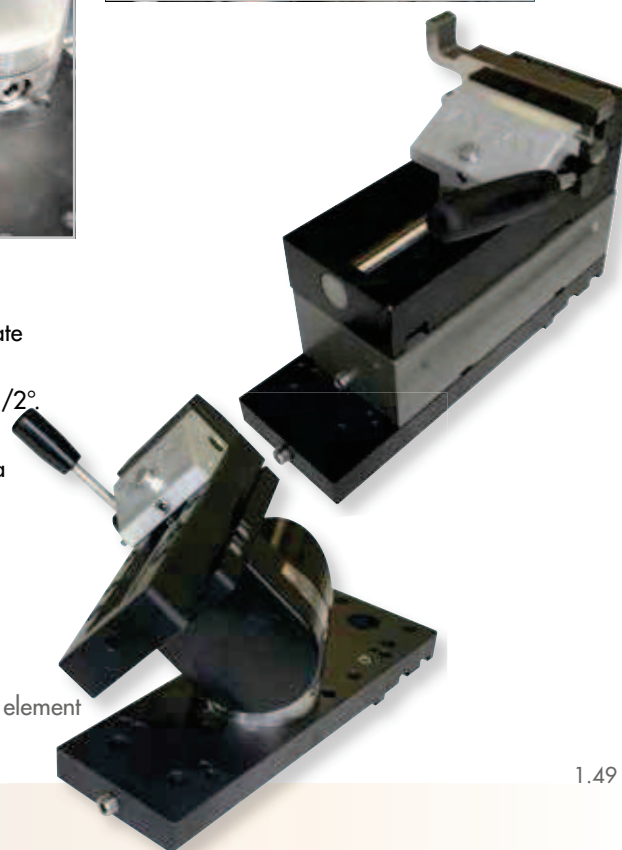
EASY-CLAMPING BASE

The Easy-clamping base is available in two sizes:

The Easy-clamping base M (medium) is suited for the small table devices, size L (large) for Brillant 200 and the bigger floor appliances up to Brillant 280. Both Easy-clamping bases fit Brillant 230 and 250.

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.



Easy-clamping base L with clamping element



| BRILLANT | 200 | 220 | 230 | 250 | 255 | 265 | 270 | 280 |
|--------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Easy-clamping base | L | M | M/L | M/L | L | L | L | L |



EASY-CLAMPING BASE M

Order No.: Z2236008

- » for tables with additional t-slots*
- » HxWxD 15 x 80 x 200 mm
- » incl. clamping key



EASY-CLAMPING BASE L

Order No.: Z2236011

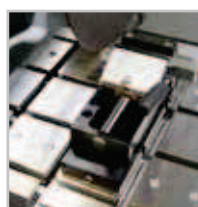
- » for tables with additional t-slots*
- » HxWxD 20 x 80 x 245 mm
- » incl. clamping key



DIRECT ADAPTION

Fast lock vice 50
 Fast lock vice 60
 Fast lock vice 80*
 Clamping system X-Clamp 3858

* not suitable to Brillant 220



DIRECT ADAPTION

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

T-SLOTS

* All recent machine tables are
 standardly equipped with t-slots.



MODULES FOR EASY-CLAMPING BASES M + L



ROTATABLE PLATE

Order No.: Z2236005

- » for all Easy-clamping bases
- » quick holding fixture for quick and easy changing the head piece
- » incl. clamping key

| | |
|-----------------|------|
| angle precision | 1/2° |
| increments | 15° |

INTERMEDIATE MODULE FOR

| |
|----------------------------|
| head piece 1 |
| head piece 2 |
| head piece 3 |
| swiveling prism 60 and 100 |



HEAD PIECE 1

Order No.: Z2236006

- » basis for vacuum and duo sample holder

DIRECT ADAPTION

| |
|----------------------|
| Vacuum sample holder |
| Duo sample holder |



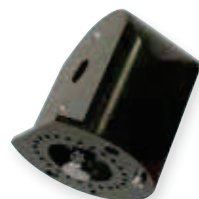
HEAD PIECE 2

Order No.: Z2236007

- » basis for fast lock vice 50 and customized solutions

DIRECT ADAPTION

| |
|-------------------|
| fast lock vice 50 |
|-------------------|



HEAD PIECE 3

Order No.: Z2236016

- » intermediate module with angle 90° for adapting an additional rotatable plate

INTERMEDIATE MODULE FOR

| |
|------------------------------------|
| rotating plate with swivel unit 50 |
| rotating plate with swivel unit 60 |

MODULES FOR ROTATABLE PLATE

SWIVELING PRISM

- » clampable on quick holding fixture of rotating plate
- » for precise parallel adjustment of clamping tools to cut-off wheel

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

Swiveling prism 60

Order No.: Z2236021



Swiveling prism 100

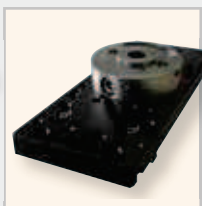
Order No.: Z2236023



MODULAR CONSTRUCTION



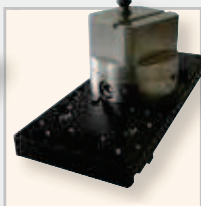
Easy-clamping base



+ rotatable plate



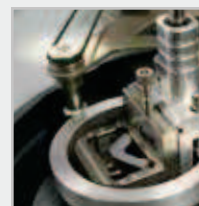
+ swiveling prism



+ head piece 1



+ duo sample holder



adaptable to parallel-grinding device





CLAMPING ELEMENTS FOR HEAD PIECE 1



VACUUM SAMPLE HOLDER

Order No.: Z2236002

- » for thin section and unclampable samples
- » requirements:
rotatable plate and head piece 1

for microscope slide 28 x 48 mm

| | |
|---------------------------|-------------------|
| Vacuum pump | Order No.: |
| 230 V/50 Hz (1Ph/N/PE) | Z1304600 |
| 110 V/60 Hz (1Ph/N/PE) | Z1304634 |



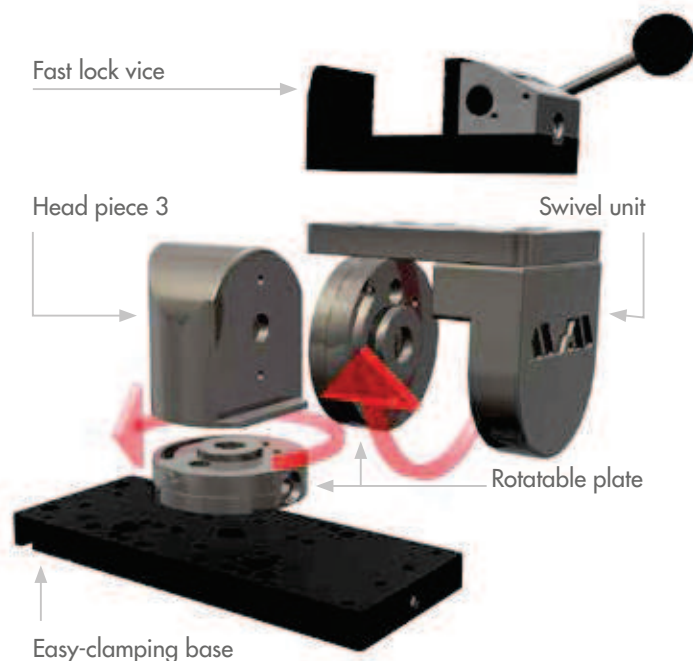
DUO SAMPLE HOLDER

Order No.: Z2236003

- » for thin section and target preparations
- » requirements:
rotatable plate and head piece 1
- » clampable with quick holding fixture to
parallel-grinding unit of Rubin 540

| | |
|--------------------|------------|
| max. sample size | 30 x 55 mm |
| 4 ball head screws | |

* customized sample diameters possible



CLAMPING ELEMENTS FOR HEAD PIECE 3

ROTATABLE PLATE

Order No.: Z2236005

- » fixture to Easy-clamping base
for horizontal rotation
- » fixture to head piece 3
for vertical rotation

SWIVEL UNIT VICE 50

Order No.: Z2236017

- » basis for fast lock vice 50

DIRECT ADAPTION

Fast lock vice 50



SWIVEL UNIT VICE 60

Order No.: Z2236018

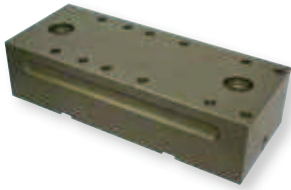
- » basis for fast lock vice 60

DIRECT ADAPTION

Fast lock vice 60



MODULES FOR EASY-CLAMPING BASE L



SYSTEM-HIGHT ADAPTER 50

Order No.: Z1304631

- » for Easy-clamping base L
- » multiple mountable
- » basis for fast lock vice 80
- » extension with V-block plate 40 for universal vices
- » incl. set of center bolts

construction height 50 mm

DIRECT ADAPTION

Fast lock vice 80

V-block plate 40



V-BLOCK PLATE 40

Order No.: Z1304624

- » basis for universal vices

construction height 40 mm

DIRECT ADAPTION

Universal vice Piccolo

Universal vice Mono

Set of center bolts

- » for mounting to Easy-clamping base

Order No.: Z2236013



without universal vice

GUIDE BAR WITH SLIDING CARRIAGE AND V-GROOVE BLOCK

Order No.: Z1350001

- » for Easy-clamping base L
- » basis for universal vices
- » for clamping crankshafts, camshafts

DIRECT ADAPTION

Universal vice Mono*

CLAMPING ELEMENTS

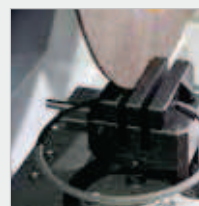
based of Easy-clamping base M or L



Vertical clamp double

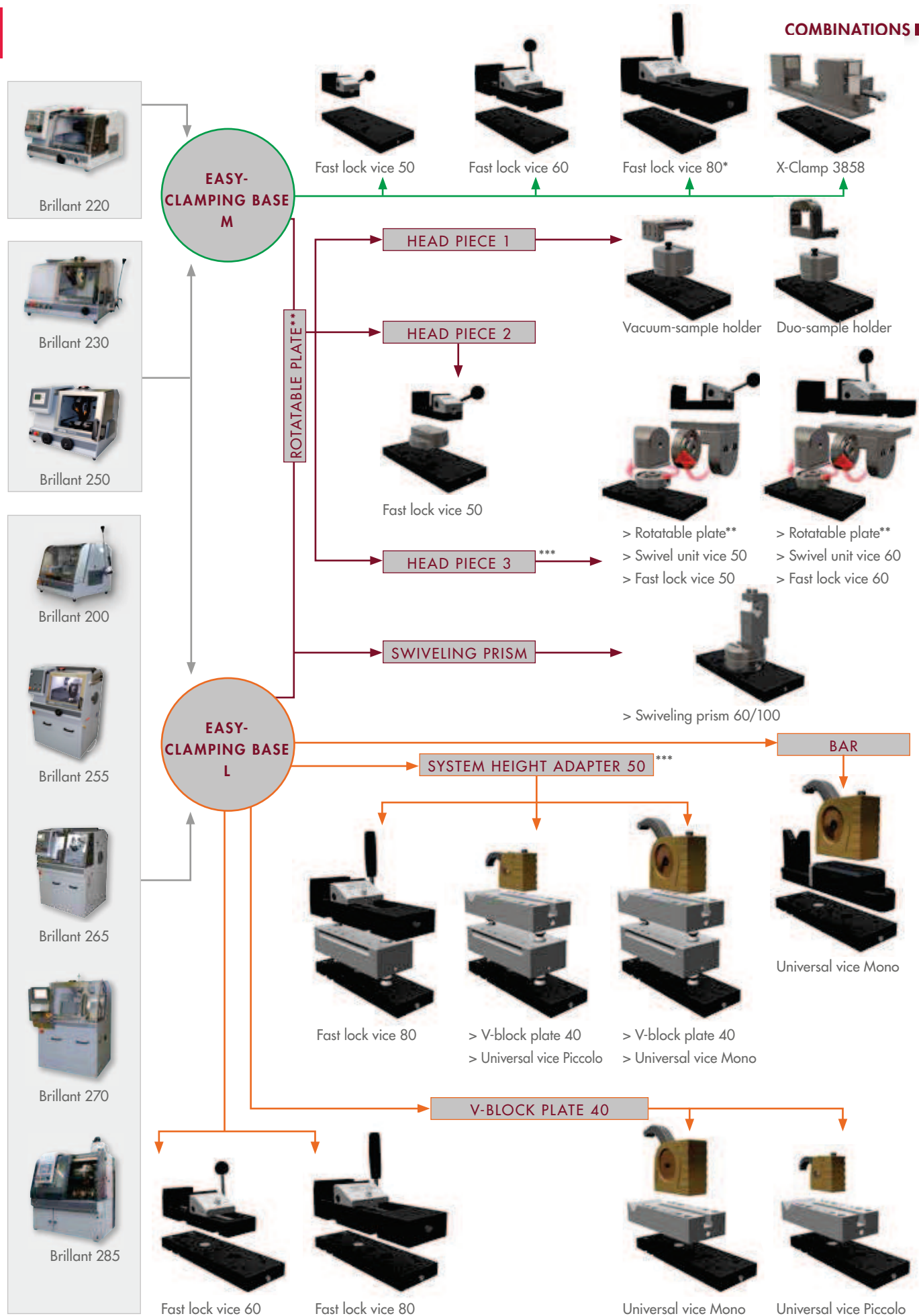


Vertical clamp single





COMBINATIONS



* not suitable for Brillant 220

** rotatable plate with quick holding fixture – therefore many other combinations possible

*** not suitable for Brillant 200