

Info

NC precision dividing units, type RW/NC · RS/NC · RSM

HOFMANN

NC divider as a modular system for integrating as a fourth axis or for retrofitting with its own control system and hydraulic unit.

Sizes

- Centre height 75, 100, 125, 160, 220, 300 and 450 mm
- Faceplate diameter 80, 100, 150, 200, 250, 320, 400, 500, 630, 800 and 1000 mm.
- For use on machining centres, milling machines, measuring equipment, grinding machines, engraving machines and laser machines, plus special versions for use on eroding machines.

Designs

- Type RW/NC** Basic version as single-axis NC dividing unit
- Type RW/NC** 2- to 4-spindle, single-axis NC dividing unit
- Type RS/NC** Swivelling NC dividing unit with 2 NC axes also with 2–4 rotary axes
- Type RSM** Swivelling NC dividing unit with manual swivel axis

Technical features

- Use with horizontal or vertical rotating axis
- Hydraulic part spindle clamping for high machining forces
- Use of selected precision bearings
- Adjustable worm drive
- Splash-proof
- Spindle design with **SK** 30, 40, 50, **HSK** 32, 40, 50, 63, 80 and 100, **MK** 2, 3, 4, 5, 6
- Direct measurement systems possible
- Servomotor available on request as a fourth axis
- Positioning controller and separate hydraulic unit available for retrofitting

Please contact us!



Accessories

- Faceplate
- Three- and four-jaw chucks, also power-operated
- Collet chuck
- Tailstocks, manual or hydraulic



29517

Coordinate tables

Design

- With dovetail guide
- Made from special cast iron, ground clamping surface and guides
- Flatness accuracy 0.03 mm
- Dovetail guides adjustable via guide strips
- Twisted trapezoidal threaded spindles with axial bearings
- Thimbles with zero point adjustment; directly readable
- Scale graduation 0.05 mm

Note:

Size 2–4 (art. no. 29517 102–104) with water channel and clamping levers on both axes to enable clamping in any position.

29517 101



29517 104



| Size | Table area L x W mm | Base area L x W mm | Total height mm | Longitudinal movement mm | Transverse movement mm | T-slot width mm | T-slot spacing mm | Load capacity kg | Weight approx. kg | 29517 | ... |
|------|------------------------|-----------------------|--------------------|-----------------------------|---------------------------|--------------------|----------------------|---------------------|----------------------|-------|-----|
| 1 | 300 x 160 | 160 x 160 | 78 | 180 | 100 | 10 | 50 | 75 | 16 | | 101 |
| 2 | 450 x 240 | 259 x 200 | 126 | 275 | 155 | 14 | 60 | 280 | 52 | | 102 |
| 3 | 580 x 240 | 259 x 200 | 126 | 375 | 155 | 14 | 60 | 280 | 60 | | 103 |
| 4 | 650 x 270 | 365 x 200 | 140 | 450 | 250 | 14 | 70 | 300 | 90 | | 104 |