

RND 081
RC-30

Data sheet RND081-RC3

Double Riveting Machine

Rivet shank Ø: up to 4 mm | Force: up to 2.40 kN | Stroke: up to 25 mm

Key features | Content of delivery

RND081-RC3 Double Riveting Machine

Forming process: Radial

Standard Version

- Complete work station
- Two identical RNE 081 riveting units (both riveting units cycle simultaneously)
- Frame to which riveting units are mounted. Distance between riveting heads adjustable
- With riveting units 081 - 231, frame ready to be placed on a work table
- Nominal force 2.4 kN @ 6 bar (max. operating pressure)
- Rivet shaft up to \varnothing 3 mm (Steel 370 N/mm²)
- Spindle stroke 5 - 25 mm with 0.01mm micrometer scale and mechanical stroke limit
- Machine weight: approx. 90 kg
(Additional weight of the machine table is 100 kg)
- Electro-pneumatic drive - power supply @x@V, @Hz
- Permanently lubricated spindle
- Pressure cup & tool holder Rp=@mm for forming tool length Ls=@mm
- Color: light grey RAL 7035

Including

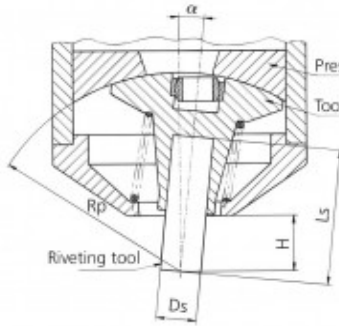
- RC3-010, RC-30 Time Based Control, connections X1, X2, X3, X20, X21, X22. One unit to control both riveting units
- RC3-X4-01, Connection X4, incl. two-hand relays, for Emergency-Stop and two-hand control
- NSL-2HD-010, two-hand control via push button, w/out emergency-stop
- PNP-010-081, Pneumatic service unit, lubrication and control package for RC-30. One unit to control both riveting units
- NZ-201, one adjustable task light, 24 VDC, LED
- Manual grease press (is not supplied with automatic spindle lubrication system)
- Standard accessories and user manual in the language of destination

Options

- RND-050, customized (per application) safety enclosure for CE compliance
- RC3-X5-01, Connection X5, incl. PVM Module
- RC3-X6-01, Connection X6, external safety / Reset
- NZ-039, Automatic spindle lubrication system with lubricant level monitor. One unit to service both riveting units
- NSL-2HD-011, Emergency-Stop (push button) for two-hand control

Subject to change.

Forming tool lengths

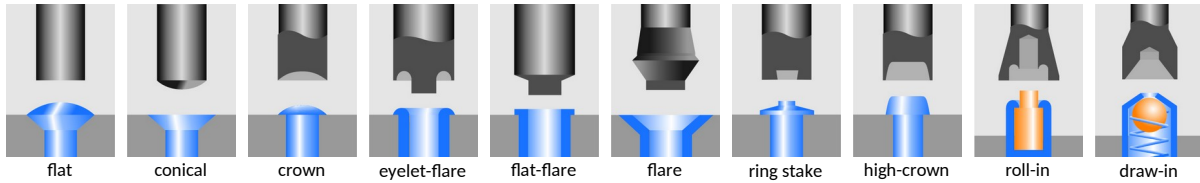


Radius mm Rp	Tool length mm Ls	Free height mm H	Shank Ø mm Ds	Angle of inclination α
65.00	39.00	18.00	10	6° 02'
80.00	54.00	33.00	10	4° 47'
100.00	74.00	53.00	10	3° 44'
120.00	94.00	73.00	10	3° 04'
132.00	106.00	85.00	10	2° 46'

Forming tool profile



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