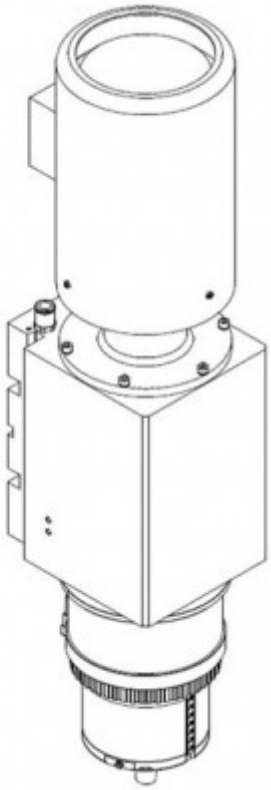
DATA SHEET



RNEL 281

Data sheet RNE-020-281

Riveting Unit with Long Stroke

Rivet shank Ø: up to 12 mm | Force: up to 17.00 kN | Stroke: up to 80 mm

BalTec

Key features | Content of delivery

RNE-020-281 Riveting Unit with Long Stroke

Forming process: Radial

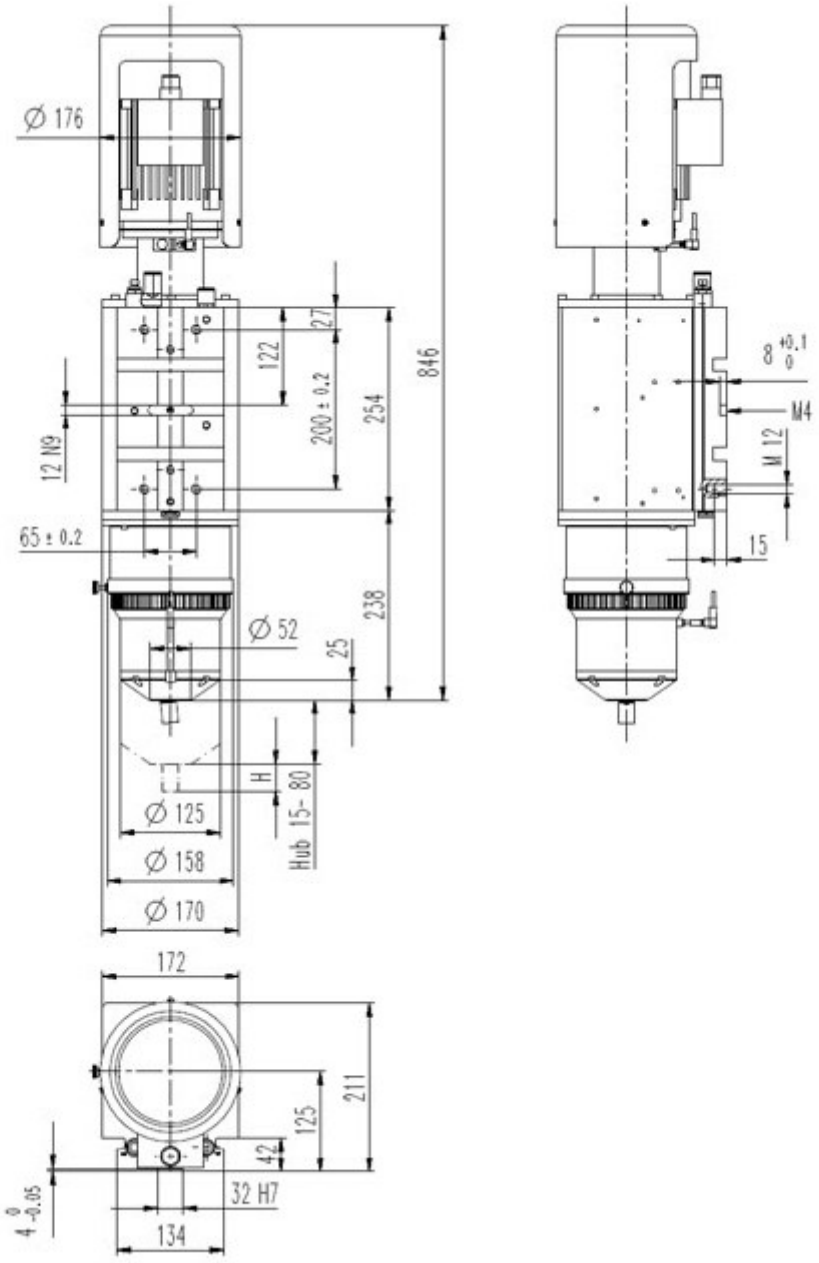
LONG STROKE VERSION
- Nominal force 17 kN @ 6 bar (max. operating pressure)
- Rivet shaft up to Ø 12 mm (Steel 370 N/mm2)
- Spindle stroke 15-80 mm with 0.01 mm micrometer scale and mechanical stroke limit
- Machine weight: approx. 60 kg
- Electro-pneumatic drive – power supply @x@V, @Hz
- Permanently lubricated spindle
- Pressure cup & tool holder Rp = @ mm for forming tool length Ls = @ mm
- Color: light grey RAL 7035

Including
- Manual grease gun (not supplied if automatic lubrication is ordered)
- Standard accessories and user manual in the language of destination

Options
- SEI-OTH-281 Sensor upper spindle home position (TDC)
- NHE-MYC-E-02, Rivet base detection device NHE-E
- NHE-MST-xxx, RBD lever and touch sleeve (@)
- NZ-039, Automatic lubrication with reservoir grease level monitor

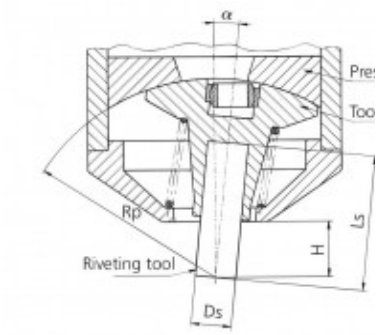
Subject to change.

Drawing


Ø 176
846
27
122
254
200 ± 0.2
12 N9
65 ± 0.2
238
Ø 52
25
H
Hub 15- 80
Ø 125
Ø 158
Ø 170
172
211
125
42
32 H7
134
8 +0.1 0
M4
M 12
15

DATA SHEET

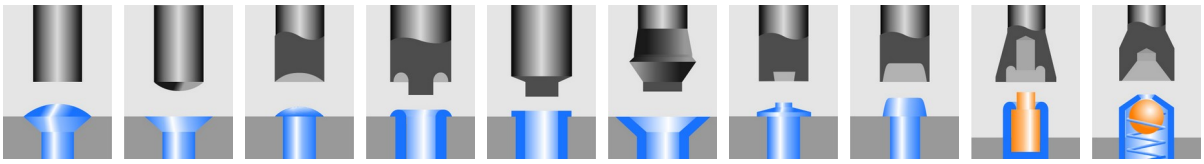
Forming tool lengths



Radius mm Rp	Tool length mm Ls	Free height mm H	Shank Ø mm Ds	Angle of inclination α
100.00	68.00	28.00	10	5° 37'
116.00	84.00	44.00	10	4° 47'
132.00	100.00	60.00	10	4° 10'
148.00	116.00	76.00	10	3° 41'
170.00	135.00	98.00	10	3° 10'
191.00	159.00	119.00	10	2° 49'
240.00	208.00	168.00	10	2° 13'

Forming tool profile

Our engineers are routinely meeting the demands of complex design problems. Having the specific tools needed for your metal forming project can mean the difference between success and failure. Contact us with your unique application for custom tooling.



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