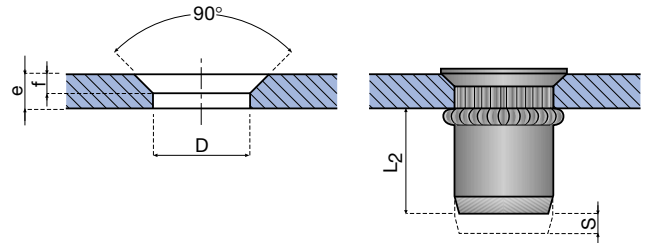
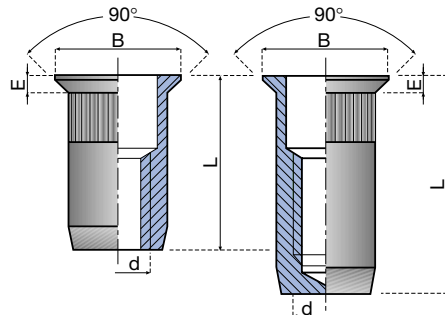


**RIVKLE® Steel blind rivet nuts/
Extending the RIVKLE® plus range**

Round body, linear knurls in grip range, countersunk head

Types 233 17 open and 233 37 closed



Advantages:

- increased turning resistance
- suitable for soft components (aluminium, plastic,...)
- very small head projection
- high crimping force
- screw length can be varied (open end)
- splash-proof (closed end)

For the products shown in Blue we recommend the use of **RIVKLE® plus 343 67**, page 14, which does not require any countersinking of the workpiece.

| d | Thickness e | Hole D ^{+01/0} | f | B | E | S* | Open B 70 400 | | | Closed B 70 400 | | |
|-----|----------------|----------------------------|-----|----|-----|------------|---------------|------------------|---------------|-----------------|------------------|---------------|
| | | | | | | | L | L ₂ * | Product code | L | L ₂ * | Product code |
| M3 | 1.00 – 1.75 | 5 | 1.0 | 7 | 1.1 | S = 3.2-e | 8.8 | 6.0 | 2331 703 0175 | 13.1 | 10.3 | 2333 703 0175 |
| | 1.75 – 2.50 | 5 | 1.2 | 7 | 1.3 | S = 4-e | 9.6 | 6.0 | 2331 703 0250 | 13.9 | 10.3 | 2333 703 0250 |
| | 2.50 – 3.25 | 5 | 1.2 | 7 | 1.3 | S = 4.7-e | 10.4 | 6.0 | 2331 703 0325 | 14.7 | 10.3 | 2333 703 0325 |
| M4 | 1.00 – 1.75 | 6 | 1.0 | 8 | 1.1 | S = 3.2-e | 9.2 | 6.3 | 2331 704 0175 | 14.2 | 11.3 | 2333 704 0175 |
| | 1.75 – 2.50 | 6 | 1.2 | 8 | 1.3 | S = 4-e | 10.0 | 6.3 | 2331 704 0250 | 15.0 | 11.3 | 2333 704 0250 |
| | 2.50 – 3.25 | 6 | 1.2 | 8 | 1.3 | S = 4.7-e | 10.8 | 6.3 | 2331 704 0325 | 15.8 | 11.3 | 2333 704 0325 |
| M5 | 1.00 – 2.00 | 7 | 1.0 | 9 | 1.1 | S = 4-e | 11.6 | 8.5 | 2331 705 0200 | 17.7 | 14.6 | 2333 705 0200 |
| | 2.00 – 3.00 | 7 | 1.4 | 9 | 1.5 | S = 5-e | 12.7 | 8.5 | 2331 705 0300 | 18.8 | 14.6 | 2333 705 0300 |
| | 3.00 – 4.00 | 7 | 1.4 | 9 | 1.5 | S = 6-e | 13.8 | 8.5 | 2331 705 0400 | 19.9 | 14.6 | 2333 705 0400 |
| | 4.00 – 5.00 | 7 | 1.4 | 9 | 1.5 | S = 7-e | 14.9 | 8.5 | 2331 705 0500 | 21.0 | 14.6 | 2333 705 0500 |
| M6 | 1.50 – 3.00 | 9 | 1.2 | 11 | 1.3 | S = 5-e | 15.0 | 10.0 | 2331 706 0300 | 22.0 | 17.0 | 2333 706 0300 |
| | 3.00 – 4.50 | 9 | 1.5 | 11 | 1.6 | S = 6.5-e | 16.6 | 10.0 | 2331 706 0450 | 23.6 | 17.0 | 2333 706 0450 |
| | 4.50 – 6.00 | 9 | 1.5 | 11 | 1.6 | S = 8-e | 18.2 | 10.0 | 2331 706 0600 | 25.2 | 17.0 | 2333 706 0600 |
| | 6.00 – 7.50 | 9 | 1.5 | 11 | 1.6 | S = 9.5-e | 19.8 | 10.0 | 2331 706 0750 | 26.8 | 17.0 | 2333 706 0750 |
| M8 | 1.50 – 3.00 | 11 | 1.4 | 13 | 1.5 | S = 6-e | 16.5 | 11.5 | 2331 708 0300 | 24.8 | 19.8 | 2333 708 0300 |
| | 3.00 – 4.50 | 11 | 2.0 | 14 | 2.1 | S = 7.5-e | 18.1 | 11.5 | 2331 708 0450 | 26.4 | 19.8 | 2333 708 0450 |
| | 4.50 – 6.00 | 11 | 2.0 | 14 | 2.1 | S = 9-e | 19.7 | 11.5 | 2331 708 0600 | 28.0 | 19.8 | 2333 708 0600 |
| | 6.00 – 7.50 | 11 | 2.0 | 14 | 2.1 | S = 10.5-e | 21.3 | 11.5 | 2331 708 0750 | 29.6 | 19.8 | 2333 708 0750 |
| M10 | 1.50 – 3.00 | 13 | 1.4 | 15 | 1.5 | S = 6-e | 20.4 | 15.0 | 2331 710 0300 | 30.3 | 24.9 | 2333 710 0300 |
| | 3.00 – 4.50 | 13 | 2.0 | 16 | 2.1 | S = 7.5-e | 22.0 | 15.0 | 2331 710 0450 | 31.9 | 24.9 | 2333 710 0450 |
| | 4.50 – 6.00 | 13 | 2.0 | 16 | 2.1 | S = 9-e | 23.6 | 15.0 | 2331 710 0600 | 33.5 | 24.9 | 2333 710 0600 |

* Dimensions S and L₂ are indicative values. The difference in length S depends on the material thickness and is used as the setting tool stroke.

Note: Countersink angle 90°. the optimum countersink depth f is slightly less than E.

Dimensions in mm.

Surface treatment: 8µ zinc plated + yellow passivated.

Other dimensions and variants can be supplied on request.