



SS Stainless Steel

Metric table

Dimensions in: millimeters - inches

| d ₁ | d ₂ | Length l | w Compression | Spring load ≈ | |
|----------------|--------------------|-------------------|--------------------|-------------------------|--------------------------|
| | | | | Initial | End |
| M 6 | 3.5 <i>0.14</i> | 14 <i>0.55</i> | 0.9 <i>0.04</i> | 12 N <i>2.70 lbf</i> | 17 N <i>3.82 lbf</i> |
| M 8 | 5 <i>0.20</i> | 16 <i>0.63</i> | 1.5 <i>0.06</i> | 20 N <i>4.50 lbf</i> | 35 N <i>7.87 lbf</i> |
| M 10 | 6 <i>0.24</i> | 19 <i>0.75</i> | 1.9 <i>0.07</i> | 25 N <i>5.62 lbf</i> | 45 N <i>10.12 lbf</i> |

Specification

- Housing
Delrin® Plastic (Polyacetal POM)
Temperature resistant up to 122 °F (50 °C)
- Ball
 - Stainless steel AISI 420C
Hardened **NI**
 - Delrin® Plastic (Polyacetal POM) **P**
- Spring
Stainless steel AISI 631
- *Plastic Characteristics* → page 2135
- *Stainless Steel Characteristics* → page 2143
- **RoHS compliant**

Information

GN 615.2 Delrin® housing ball plungers are mainly used in items made mostly or entirely of plastic or, where an application requires as few metal parts as possible.

These ball plungers can also be used in corrosive environment applications.

see also...

- *Ball Plungers GN 615 (Steel / Stainless Steel)* → page 1016

| | | |
|--------------------------------------|---|-----------------------|
| How to order GN615.2-M6-NI | 1 | Thread d ₁ |
| | 2 | Ball material |