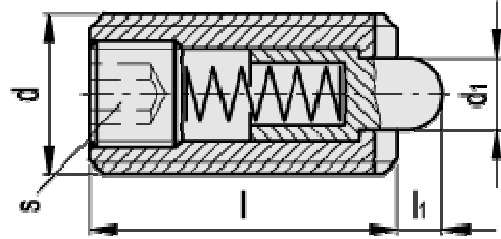
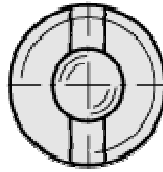


Spring-Die Mould Part Industry Company Limited



STEEL Housing: Steel, hardened, black oxide finish **SS**
 Ball: Steel, hardened, plain finish
 Spring: Steel
 Zinc plated ball indicates heavy spring load

Housing: Stainless steel 1.4305(ASTM 303)
 Ball: Stainless steel, 1.3541(ASTM440), hardened
 Spring: Stainless steel, 1.4568(X 7 CrNiAl 17.7)
 Working temperature: up to 260 °C

Steel and Stainless Steel Metric Ball Plungers with Hexagon Socket Drive

| Part No | Finish | D | D1 | L | L1 | S | Spring Load F1 N \approx | Spring Load F2 N \approx | g |
|-----------|--|--------|-----------|-----------|-----|------|-------------------------------|-------------------------------|-----|
| | | Thread | Ball Dia. | ± 0.1 | | | Ball Dia. | | |
| H-S03008 | Free cutting Steel normal spring load | M3 | 1.5 | 8 | 0.4 | 1.5 | 3 | 4.5 | 0.4 |
| H-S04012 | | M4 | 2.5 | 12 | 0.8 | 2.0 | 8.5 | 14 | 0.6 |
| H-S05014 | | M5 | 3.0 | 14 | 0.9 | 2.5 | 8 | 14 | 1.1 |
| H-S06015 | | M6 | 3.5 | 15 | 1.0 | 3.0 | 11 | 18 | 2 |
| H-S08018 | | M8 | 4.5 | 18 | 1.5 | 4.0 | 18 | 31 | 4 |
| H-S10023 | | M10 | 6.0 | 23 | 2.0 | 5.0 | 24 | 45 | 8 |
| H-S12026 | | M12 | 8.0 | 26 | 2.5 | 6.0 | 26 | 49 | 12 |
| H-S16033 | | M16 | 10.0 | 33 | 3.5 | 8.0 | 41 | 86 | 31 |
| H-S20043 | | M20 | 12.0 | 43 | 4.5 | 10.0 | 56 | 111 | 64 |
| H-S24048 | | M24 | 15.0 | 48 | 5.5 | 12.0 | 81 | 151 | 100 |
| | | | | | | | | | |
| H-S05014 | Free cutting Steel normal spring load | M5 | 3.0 | 14 | 0.9 | 2.5 | 15 | 22 | 1.1 |
| H-S06015 | | M6 | 3.5 | 15 | 1.0 | 3.0 | 19 | 28 | 2 |
| H-S08018 | | M8 | 4.5 | 18 | 1.5 | 4.0 | 36 | 62 | 4 |
| H-S10023 | | M10 | 6.0 | 23 | 2.0 | 5.0 | 57 | 104 | 8 |
| H-S12026 | | M12 | 8.0 | 26 | 2.5 | 6.0 | 61 | 110 | 12 |
| H-S16033 | | M16 | 10.0 | 33 | 3.5 | 8.0 | 68 | 142 | 31 |
| H-S20043 | | M20 | 12.0 | 43 | 4.5 | 10.0 | 84 | 166 | 64 |
| H-S240348 | | M24 | 15.0 | 48 | 5.5 | 12.0 | 127 | 237 | 100 |
| | | | | | | | | | |
| H-SS03008 | Stainless steel normal spring load | M3 | 1.5 | 8 | 0.4 | 1.5 | 3 | 4.5 | 0.4 |
| H-SS04012 | | M4 | 2.5 | 12 | 0.8 | 2.0 | 8.5 | 14 | 0.6 |
| H-SS05014 | | M5 | 3.0 | 14 | 0.9 | 2.5 | 8 | 14 | 1.1 |
| H-SS06015 | | M6 | 3.5 | 15 | 1.0 | 3.0 | 11 | 18 | 2 |
| H-SS08018 | | M8 | 4.5 | 18 | 1.5 | 4.0 | 18 | 31 | 4 |
| H-SS10023 | | M10 | 6.0 | 23 | 2.0 | 5.0 | 24 | 45 | 8 |
| H-SS12026 | | M12 | 8.0 | 26 | 2.5 | 6.0 | 26 | 49 | 12 |
| H-SS16033 | | M16 | 10.0 | 33 | 3.5 | 8.0 | 41 | 86 | 31 |
| H-SS20043 | | M20 | 12.0 | 43 | 4.5 | 10.0 | 56 | 111 | 64 |
| H-SS24048 | | M24 | 15.0 | 48 | 5.5 | 12.0 | 81 | 151 | 100 |
| | | | | | | | | | |
| H-SS05014 | Stainless steel normal spring load | M5 | 3.0 | 14 | 0.9 | 2.5 | 15 | 22 | 1.1 |
| H-SS06015 | | M6 | 3.5 | 15 | 1.0 | 3.0 | 19 | 28 | 2 |
| H-SS08018 | | M8 | 4.5 | 18 | 1.5 | 4.0 | 36 | 62 | 4 |
| H-SS10023 | | M10 | 6.0 | 23 | 2.0 | 5.0 | 57 | 104 | 8 |
| H-SS12026 | | M12 | 8.0 | 26 | 2.5 | 6.0 | 61 | 110 | 12 |
| H-SS16033 | | M16 | 10.0 | 33 | 3.5 | 8.0 | 68 | 142 | 31 |
| H-SS20043 | | M20 | 12.0 | 43 | 4.5 | 10.0 | 84 | 166 | 64 |
| H-SS24048 | | M24 | 15.0 | 48 | 5.5 | 12.0 | 127 | 237 | 100 |