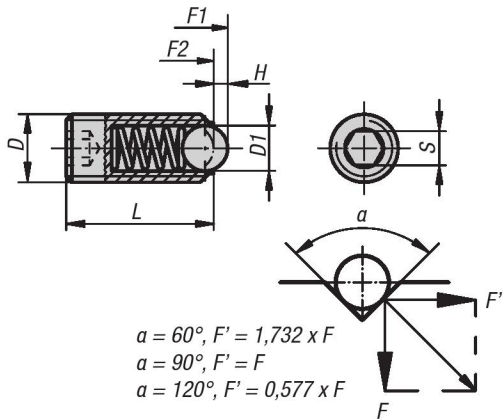




Spring Plungers

ball style, hexagon socket, steel

INCH Parts METRIC Parts

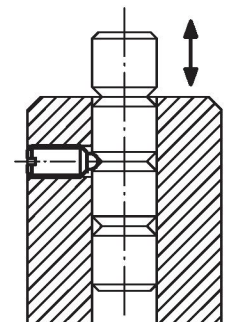


Material:
 Body steel quality class 5.8.
 Ball steel.
 Spring in spring steel class D.

Type:
 Black oxide finish.
 Ball hardened.

Part Number Example:
 K0315.AJ

Application Diagram



KIPP Spring Plungers, ball style, hexagon socket, steel, standard end pressure, inch

| Item No. | D | D1 | L | H | S | Spring force initial pressure F1 approx. N | Spring force final pressure F2 approx. N |
|----------|---------|-----|----|-----|------|--|--|
| K0315.AJ | 1/4-28 | 3.5 | 15 | 1 | 1/8 | 9 | 13 |
| K0315.A2 | 1/4-20 | 3.5 | 15 | 1 | 1/8 | 9 | 13 |
| K0315.A3 | 5/16-18 | 5 | 18 | 1.5 | 5/32 | 15 | 30 |
| K0315.A4 | 3/8-16 | 6 | 23 | 2 | 3/16 | 20 | 35 |
| K0315.A5 | 1/2-13 | 8 | 26 | 2.5 | 7/32 | 30 | 55 |
| K0315.A6 | 5/8-11 | 10 | 33 | 3.5 | 5/16 | 65 | 125 |



Spring Plungers

ball style, hexagon socket, steel

KIPP Spring Plungers, ball style, hexagon socket, steel, heavy end pressure, inch

| Item No. | D | D1 | L | H | S | Spring force initial pressure F1 approx. N | Spring force final pressure F2 approx. N |
|-----------|---------|-----|----|-----|------|--|--|
| K0315.2AJ | 1/4-28 | 3.5 | 15 | 1 | 1/8 | 28 | 40 |
| K0315.2A2 | 1/4-20 | 3.5 | 15 | 1 | 1/8 | 28 | 40 |
| K0315.2A3 | 5/16-18 | 5 | 18 | 1.5 | 5/32 | 47 | 73 |
| K0315.2A4 | 3/8-16 | 6 | 23 | 2 | 3/16 | 66 | 100 |
| K0315.2A5 | 1/2-13 | 8 | 26 | 2.5 | 7/32 | 66 | 120 |
| K0315.2A6 | 5/8-11 | 10 | 33 | 3.5 | 5/16 | 90 | 180 |

KIPP Spring Plungers, ball style, hexagon socket, steel, standard end pressure, metric

| Item No. | D | D1 | L | H | S | Spring force initial pressure F1 approx. N | Spring force final pressure F2 approx. N |
|----------|-----|-----|----|-----|-----|--|--|
| K0315.03 | M3 | 1,5 | 9 | 0,4 | 1,5 | 1,5 | 3 |
| K0315.04 | M4 | 2,5 | 10 | 0,8 | 2 | 4 | 10 |
| K0315.05 | M5 | 3 | 14 | 0,9 | 2,5 | 6 | 11 |
| K0315.06 | M6 | 3,5 | 15 | 1 | 3 | 9 | 13 |
| K0315.08 | M8 | 5 | 18 | 1,5 | 4 | 15 | 30 |
| K0315.10 | M10 | 6 | 23 | 2 | 5 | 20 | 35 |
| K0315.12 | M12 | 8 | 26 | 2,5 | 6 | 30 | 55 |
| K0315.16 | M16 | 10 | 33 | 3,5 | 8 | 65 | 125 |
| K0315.20 | M20 | 12 | 43 | 4,5 | 10 | 80 | 160 |
| K0315.24 | M24 | 15 | 48 | 5,5 | 12 | 90 | 180 |

KIPP Spring Plungers, ball style, hexagon socket, steel, heavy end pressure, metric

| Item No. | D | D1 | L | H | S | Spring force initial pressure F1 approx. N | Spring force final pressure F2 approx. N |
|-----------|-----|-----|----|-----|-----|--|--|
| K0315.203 | M3 | 1,5 | 9 | 0,4 | 1,5 | 5 | 7 |
| K0315.204 | M4 | 2,5 | 10 | 0,8 | 2 | 12 | 22 |
| K0315.205 | M5 | 3 | 14 | 0,9 | 2,5 | 19 | 30 |
| K0315.206 | M6 | 3,5 | 15 | 1 | 3 | 28 | 40 |
| K0315.208 | M8 | 5 | 18 | 1,5 | 4 | 47 | 73 |
| K0315.210 | M10 | 6 | 23 | 2 | 5 | 66 | 100 |
| K0315.212 | M12 | 8 | 26 | 2,5 | 6 | 66 | 120 |
| K0315.216 | M16 | 10 | 33 | 3,5 | 8 | 90 | 180 |
| K0315.220 | M20 | 12 | 43 | 4,5 | 10 | 115 | 240 |
| K0315.224 | M24 | 15 | 48 | 5,5 | 12 | 130 | 270 |