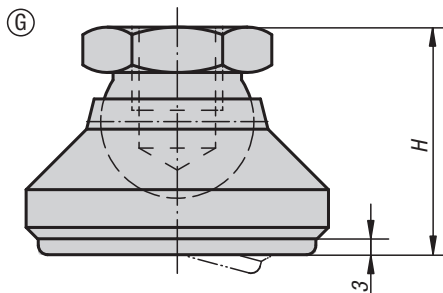
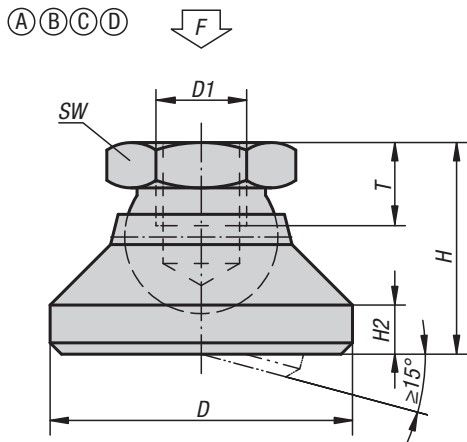


## Swivel Feet

**Material:**

Style A: Foot high carbon steel, ball element free-cutting steel.

Style B: All stainless steel.

Style C: Foot POM, ball element free-cutting steel.

Style D: Foot POM, ball element stainless steel.

Style G: Foot high carbon steel, ball element low carbon steel.

Anti-slip plate thermoplastic elastomer.

**Type:**

Style A: Ball element case-hardened with black oxide finish.

Style B: Bright.

Style C: Ball element case-hardened with black oxide finish.

Style D: Ball element bright.

Style G: Ball element case hardened with black oxide finish, foot with anti-slip plate.

**Part Number Example:**

K0395.1A2

**Note:**

The anti-slip plate absorbs vibrations and prevents slipping. The loading indicated in the table is a recommendation up to which permanent static load the swivel foot can be used.

For the inch series, dimension D1 is in inches, all other dimensions are in mm.

**KIPP Swivel Feet, inch**

| Item No.<br>Style A | Item No.<br>Style B | D  | D1      | H  | H2  | T   | SW | Load rating<br>max. kN |
|---------------------|---------------------|----|---------|----|-----|-----|----|------------------------|
| K0395.1A2           | K0395.3A2           | 20 | 1/4-20  | 15 | 2,5 | 8,5 | 10 | 10                     |
| K0395.1A3           | K0395.3A3           | 25 | 5/16-18 | 18 | 4   | 9   | 13 | 18                     |
| K0395.1A4           | K0395.3A4           | 32 | 3/8-16  | 22 | 5   | 10  | 17 | 20                     |
| K0395.1A5           | K0395.3A5           | 40 | 1/2-13  | 26 | 6   | 12  | 19 | 35                     |
| K0395.1A6           | K0395.3A6           | 50 | 5/8-11  | 32 | 7   | 14  | 24 | 45                     |
| K0395.1A7           | K0395.3A7           | 60 | 3/4-10  | 42 | 8   | 18  | 30 | 55                     |

## Swivel Feet



## KIPP Swivel Feet, inch

| Item No.<br>Style C | Item No.<br>Style D | D  | D1      | H  | H2  | T   | SW | Load rating<br>max. kN |
|---------------------|---------------------|----|---------|----|-----|-----|----|------------------------|
| K0395.5A2           | K0395.2A2           | 20 | 1/4-20  | 15 | 2,5 | 8,5 | 10 | 4                      |
| K0395.5A3           | K0395.2A3           | 25 | 5/16-18 | 18 | 4   | 9   | 13 | 7                      |
| K0395.5A4           | K0395.2A4           | 32 | 3/8-16  | 22 | 5   | 10  | 17 | 10                     |
| K0395.5A5           | K0395.2A5           | 40 | 1/2-13  | 26 | 6   | 12  | 19 | 18                     |
| K0395.5A6           | K0395.2A6           | 50 | 5/8-11  | 32 | 7   | 14  | 24 | 20                     |
| K0395.5A7           | K0395.2A7           | 60 | 3/4-10  | 42 | 8   | 18  | 30 | 22                     |

## KIPP Swivel Feet, inch

| Item No.<br>Style G | D  | D1     | H  | H2 | T  | SW | Load rating<br>max. kN<br>(static load only) |
|---------------------|----|--------|----|----|----|----|----------------------------------------------|
| K0395.4A4           | 32 | 3/8-16 | 25 | 5  | 10 | 17 | 12                                           |
| K0395.4A5           | 40 | 1/2-13 | 29 | 6  | 12 | 19 | 17                                           |
| K0395.4A6           | 50 | 5/8-11 | 35 | 7  | 14 | 24 | 20                                           |
| K0395.4A7           | 60 | 3/4-10 | 45 | 8  | 18 | 30 | 24                                           |

## KIPP Swivel Feet, metric

| Item No.<br>Style A | Item No.<br>Style B | D  | D1  | H  | H2  | T   | SW | Load rating<br>max. kN |
|---------------------|---------------------|----|-----|----|-----|-----|----|------------------------|
| K0395.106           | K0395.306           | 20 | M6  | 15 | 2,5 | 8,5 | 10 | 10                     |
| K0395.108           | K0395.308           | 25 | M8  | 18 | 4   | 9   | 13 | 18                     |
| K0395.110           | K0395.310           | 32 | M10 | 22 | 5   | 10  | 17 | 20                     |
| K0395.112           | K0395.312           | 40 | M12 | 26 | 6   | 12  | 19 | 35                     |
| K0395.116           | K0395.316           | 50 | M16 | 32 | 7   | 14  | 24 | 45                     |
| K0395.120           | K0395.320           | 60 | M20 | 42 | 8   | 18  | 30 | 55                     |

## KIPP Swivel Feet, metric

| Item No.<br>Style C | Item No.<br>Style D | D  | D1  | H  | H2  | T   | SW | Load rating<br>max. kN |
|---------------------|---------------------|----|-----|----|-----|-----|----|------------------------|
| K0395.506           | K0395.206           | 20 | M6  | 15 | 2,5 | 8,5 | 10 | 4                      |
| K0395.508           | K0395.208           | 25 | M8  | 18 | 4   | 9   | 13 | 7                      |
| K0395.510           | K0395.210           | 32 | M10 | 22 | 5   | 10  | 17 | 10                     |
| K0395.512           | K0395.212           | 40 | M12 | 26 | 6   | 12  | 19 | 18                     |
| K0395.516           | K0395.216           | 50 | M16 | 32 | 7   | 14  | 24 | 20                     |
| K0395.520           | K0395.220           | 60 | M20 | 42 | 8   | 18  | 30 | 22                     |

## KIPP Swivel Feet, metric

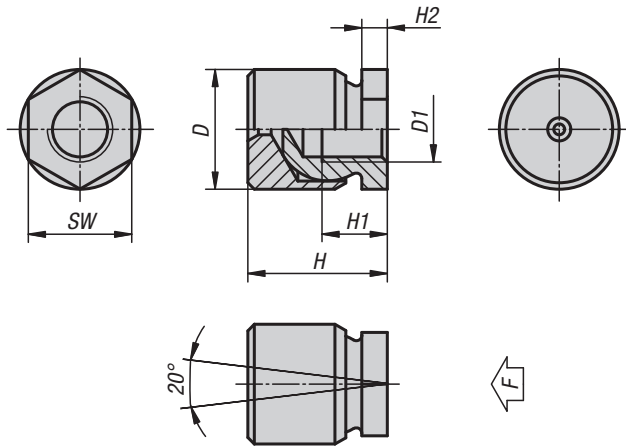
| Item No.<br>Style G | D  | D1  | H  | H2 | T  | SW | Load rating<br>max. kN<br>(static load only) |
|---------------------|----|-----|----|----|----|----|----------------------------------------------|
| K0395.410           | 32 | M10 | 25 | 5  | 10 | 17 | 12                                           |
| K0395.412           | 40 | M12 | 29 | 6  | 12 | 19 | 17                                           |
| K0395.416           | 50 | M16 | 35 | 7  | 14 | 24 | 20                                           |
| K0395.420           | 60 | M20 | 45 | 8  | 18 | 30 | 24                                           |

## Swivel Pads



INCH  
Parts

METRIC  
Parts



### Material:

Ball element case-hardened steel.  
Thrust pad ETG 100 steel.

### Type:

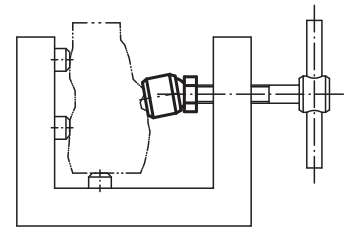
Black oxide finish.

### Part Number Example:

K0304.A1

### Note:

For the inch series, dimension D1 is in inches, all other dimensions are in mm.



### KIPP Swivel Pads, inch

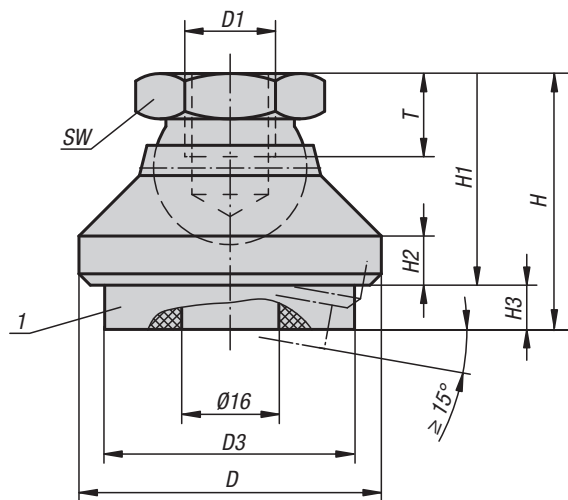
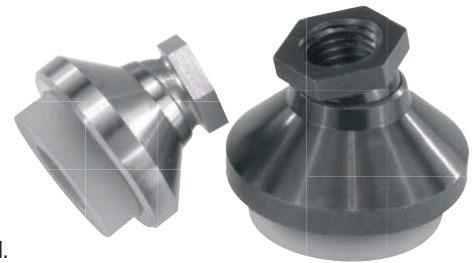
| Item No. | D  | D1      | H    | H1  | H2  | SW | Load rating<br>max. kN |
|----------|----|---------|------|-----|-----|----|------------------------|
| K0304.A1 | 13 | 10-32   | 16,5 | 6,5 | 4   | 10 | 1,62                   |
| K0304.A2 | 13 | 1/4-20  | 16,5 | 8,5 | 4   | 10 | 2,33                   |
| K0304.A3 | 16 | 5/16-18 | 21   | 9   | 4   | 13 | 4,15                   |
| K0304.A4 | 19 | 3/8-16  | 23   | 10  | 4   | 17 | 6,48                   |
| K0304.A5 | 22 | 1/2-13  | 25,5 | 12  | 4,7 | 19 | 8,32                   |
| K0304.A6 | 25 | 5/8-11  | 29,5 | 14  | 5   | 24 | 13,94                  |
| K0304.A7 | 32 | 3/4-10  | 36   | 18  | 8,5 | 30 | 21                     |

### KIPP Swivel Pads, metric

| Item No. | D  | D1  | H    | H1  | H2  | SW | Load rating<br>max. kN |
|----------|----|-----|------|-----|-----|----|------------------------|
| K0304.05 | 13 | M5  | 16,5 | 6,5 | 4   | 10 | 1,62                   |
| K0304.06 | 13 | M6  | 16,5 | 8,5 | 4   | 10 | 2,33                   |
| K0304.08 | 16 | M8  | 21   | 9   | 4   | 13 | 4,15                   |
| K0304.10 | 19 | M10 | 23   | 10  | 4   | 17 | 6,48                   |
| K0304.12 | 22 | M12 | 25,5 | 12  | 4,7 | 19 | 8,32                   |
| K0304.16 | 25 | M16 | 29,5 | 14  | 5   | 24 | 13,94                  |
| K0304.20 | 32 | M20 | 36   | 18  | 8,5 | 30 | 21                     |

# Swivel Feet

with vibration absorption



## Material:

Steel version:  
Foot high carbon steel.  
Ball element free-cutting steel.

Stainless steel version:  
Foot and ball element stainless steel.

Damper plate PUR elastomer (Sylomer V12).

## Type:

Steel version:  
Foot black oxide finish.  
Ball element case-hardened with black oxide finish.

Stainless steel version:  
Bright.

Anti-slip damper plate gray, glued in.  
Temp. range -30 °C to +70 °C

## Part Number Example:

K0420.1A4

## Note:

The load rating given in the table is a recommendation of the permanent static load up to which the damping element should be used. This static load corresponds to a surface pressure of 0.4 N/mm<sup>2</sup> at which the material achieves its optimum absorption properties. It is taken into account that under dynamic loading an additional load of up to 0.6 N/mm<sup>2</sup> may occur. The damper plate absorbs vibrations and prevents slipping.

See K0395 for Swivel Feet without vibration absorption.

For the inch series, dimension D1 is in inches, all other dimensions are in mm.

## Drawing reference:

1) damper plate

## KIPP Swivel Feet with vibration absorption, inch

| Item No.<br>steel | Item No.<br>stainless steel | D  | D1     | D3   | H  | H1 | H2 | H3<br>(under pressure of<br>0 / 0.4 / 0.6 N/mm <sup>2</sup> ) | T  | SW | Load rating N<br>(by 0.4 N/mm <sup>2</sup> ) |
|-------------------|-----------------------------|----|--------|------|----|----|----|---------------------------------------------------------------|----|----|----------------------------------------------|
| K0420.1A4         | K0420.3A4                   | 32 | 3/8-16 | 30,5 | 30 | 22 | 5  | 8 / 6,8 / 5,9                                                 | 10 | 17 | 0,212                                        |
| K0420.1A5         | K0420.3A5                   | 40 | 1/2-13 | 30,5 | 34 | 26 | 6  | 8 / 6,8 / 5,9                                                 | 12 | 19 | 0,212                                        |
| K0420.1A6         | K0420.3A6                   | 50 | 5/8-11 | 40,5 | 40 | 32 | 7  | 8 / 6,8 / 5,9                                                 | 14 | 24 | 0,435                                        |
| K0420.1A7         | K0420.3A7                   | 60 | 3/4-10 | 50   | 50 | 42 | 8  | 8 / 6,8 / 5,9                                                 | 18 | 30 | 0,705                                        |

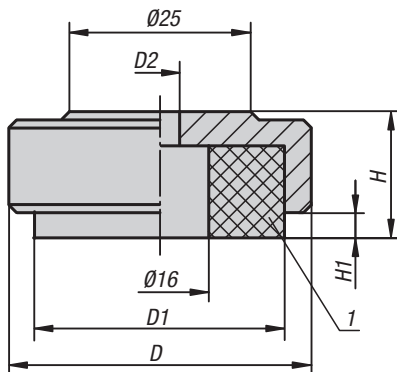
## KIPP Swivel Feet with vibration absorption, metric

| Item No.<br>steel | Item No.<br>stainless steel | D  | D1  | D3   | H  | H1 | H2 | H3<br>(under pressure of<br>0 / 0.4 / 0.6 N/mm <sup>2</sup> ) | T  | SW | Load rating N<br>(by 0.4 N/mm <sup>2</sup> ) |
|-------------------|-----------------------------|----|-----|------|----|----|----|---------------------------------------------------------------|----|----|----------------------------------------------|
| K0420.110         | K0420.310                   | 32 | M10 | 30,5 | 30 | 22 | 5  | 8 / 6,8 / 5,9                                                 | 10 | 17 | 0,212                                        |
| K0420.112         | K0420.312                   | 40 | M12 | 30,5 | 34 | 26 | 6  | 8 / 6,8 / 5,9                                                 | 12 | 19 | 0,212                                        |
| K0420.116         | K0420.316                   | 50 | M16 | 40,5 | 40 | 32 | 7  | 8 / 6,8 / 5,9                                                 | 14 | 24 | 0,435                                        |
| K0420.120         | K0420.320                   | 60 | M20 | 50   | 50 | 42 | 8  | 8 / 6,8 / 5,9                                                 | 18 | 30 | 0,705                                        |

# Machine Feet

with vibration absorption

METRIC  
Parts



## Material:

Plate steel,  
damper plate PUR elastomer (Sylomer V12)

## Type:

Plate trivalent blue passivated.  
Anti-slip damper plate gray, glued-in.  
Temp. range -30 °C to +70 °C

## Part Number Example:

K0670.046

## Note:

The load capacity given in the table is a recommendation of the **permanent static** load up to which the damper plate should be used.

This static load corresponds to a surface pressure of 0.4 N/mm<sup>2</sup>, at which the material reaches its optimum absorption properties. Here it is taken into account that under dynamic loading an additional load, up to 0.6 N/mm<sup>2</sup> may occur.

The damper plate absorbs vibrations and prevents slipping.

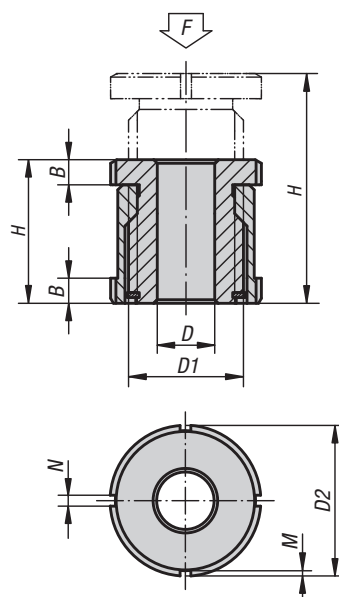
## Drawing reference:

1) damper plate

## KIPP Machine Feet with vibration absorption, metric

| Item No.  | Main material | D  | D1   | D2  | H  | H1<br>by 0 / 0.4 / 0.6<br>N/mm <sup>2</sup> | Load rating<br>max. kN |
|-----------|---------------|----|------|-----|----|---------------------------------------------|------------------------|
| K0670.036 | steel         | 36 | 30,5 | 5,5 | 15 | 4 / 2,8 / 1,9                               | 0,212                  |
| K0670.046 | steel         | 46 | 40,5 | 6,6 | 17 | 4 / 2,8 / 1,9                               | 0,435                  |
| K0670.056 | steel         | 56 | 50   | 9   | 19 | 4 / 2,8 / 1,9                               | 0,705                  |
| K0670.074 | steel         | 74 | 68   | 9   | 21 | 4 / 2,8 / 1,9                               | 1,372                  |

## Leveling Sets

METRIC  
Parts

## KIPP Leveling Sets, metric

| Item No.     | Main material   | D    | for screw | D1      | D2 | H min. | H max. | B  | N | M   | F kN |
|--------------|-----------------|------|-----------|---------|----|--------|--------|----|---|-----|------|
| K0692.01504  | carbon steel    | 4,5  | M4        | M15x1   | 25 | 28     | 43     | 5  | 4 | 2   | 40   |
| K0692.01505  | carbon steel    | 5,5  | M5        | M15x1   | 25 | 28     | 43     | 5  | 4 | 2   | 40   |
| K0692.01506  | carbon steel    | 6,6  | M6        | M15x1   | 25 | 28     | 43     | 5  | 4 | 2   | 40   |
| K0692.02006  | carbon steel    | 6,6  | M6        | M20x1   | 32 | 35     | 55     | 6  | 4 | 2   | 65   |
| K0692.02008  | carbon steel    | 9    | M8        | M20x1   | 32 | 35     | 55     | 6  | 4 | 2   | 65   |
| K0692.02010  | carbon steel    | 11   | M10       | M20x1   | 32 | 35     | 55     | 6  | 4 | 2   | 65   |
| K0692.02510  | carbon steel    | 11   | M10       | M30x1,5 | 45 | 42     | 67     | 7  | 5 | 2   | 120  |
| K0692.02512  | carbon steel    | 13,5 | M12       | M30x1,5 | 45 | 42     | 67     | 7  | 5 | 2   | 120  |
| K0692.02516  | carbon steel    | 17,5 | M16       | M30x1,5 | 45 | 42     | 67     | 7  | 5 | 2   | 120  |
| K0692.03216  | carbon steel    | 17,5 | M16       | M40x1,5 | 58 | 54     | 86     | 9  | 6 | 2,5 | 210  |
| K0692.03220  | carbon steel    | 22   | M20       | M40x1,5 | 58 | 54     | 86     | 9  | 6 | 2,5 | 210  |
| K0692.03224  | carbon steel    | 26   | M24       | M40x1,5 | 58 | 54     | 86     | 9  | 6 | 2,5 | 210  |
| K0692.04020  | carbon steel    | 22   | M20       | M50x1,5 | 70 | 66     | 106    | 11 | 6 | 2,5 | 330  |
| K0692.04024  | carbon steel    | 26   | M24       | M50x1,5 | 70 | 66     | 106    | 11 | 6 | 2,5 | 330  |
| K0692.04030  | carbon steel    | 33   | M30       | M50x1,5 | 70 | 66     | 106    | 11 | 6 | 2,5 | 330  |
| K0692.015041 | stainless steel | 4,5  | M4        | M15x1   | 25 | 28     | 43     | 5  | 4 | 2   | 27,1 |
| K0692.015051 | stainless steel | 5,5  | M5        | M15x1   | 25 | 28     | 43     | 5  | 4 | 2   | 27,1 |
| K0692.015061 | stainless steel | 6,6  | M6        | M15x1   | 25 | 28     | 43     | 5  | 4 | 2   | 27,1 |
| K0692.020061 | stainless steel | 6,6  | M6        | M20x1   | 32 | 35     | 55     | 6  | 4 | 2   | 43,4 |
| K0692.020081 | stainless steel | 9    | M8        | M20x1   | 32 | 35     | 55     | 6  | 4 | 2   | 43,4 |
| K0692.020101 | stainless steel | 11   | M10       | M20x1   | 32 | 35     | 55     | 6  | 4 | 2   | 43,4 |
| K0692.025101 | stainless steel | 11   | M10       | M30x1,5 | 45 | 42     | 67     | 7  | 5 | 2   | 84   |
| K0692.025121 | stainless steel | 13,5 | M12       | M30x1,5 | 45 | 42     | 67     | 7  | 5 | 2   | 84   |
| K0692.025161 | stainless steel | 17,5 | M16       | M30x1,5 | 45 | 42     | 67     | 7  | 5 | 2   | 84   |
| K0692.032161 | stainless steel | 17,5 | M16       | M40x1,5 | 58 | 54     | 86     | 9  | 6 | 2,5 | 148  |
| K0692.032201 | stainless steel | 22   | M20       | M40x1,5 | 58 | 54     | 86     | 9  | 6 | 2,5 | 148  |
| K0692.032241 | stainless steel | 26   | M24       | M40x1,5 | 58 | 54     | 86     | 9  | 6 | 2,5 | 148  |
| K0692.040201 | stainless steel | 22   | M20       | M50x1,5 | 70 | 66     | 106    | 11 | 6 | 2,5 | 225  |
| K0692.040241 | stainless steel | 26   | M24       | M50x1,5 | 70 | 66     | 106    | 11 | 6 | 2,5 | 225  |
| K0692.040301 | stainless steel | 33   | M30       | M50x1,5 | 70 | 66     | 106    | 11 | 6 | 2,5 | 225  |

**Material:**

Steel 1.7225.

Stainless steel 1.4305 (AISI 303 equivalent).

**Type:**

Steel version trivalent blue passivated.

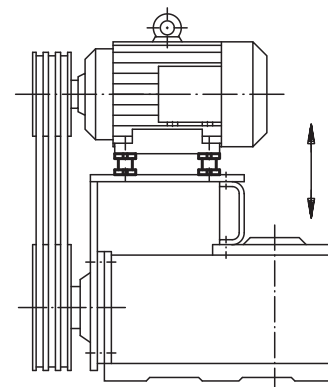
Stainless steel version bright.

**Part Number Example:**

K0692.01505

**Note:**

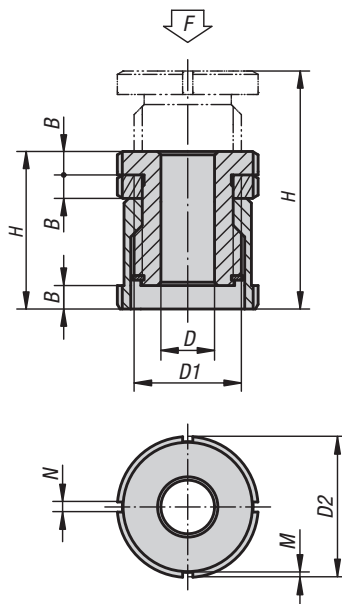
Leveling sets are used for mounting, leveling and aligning motors, assemblies, drive units and assembly lines. They have a large adjustment range of 15 mm to 40 mm. Other sizes available on request.



# Leveling Sets

with Locking Nuts

METRIC  
Parts



## KIPP Leveling Sets with locking nuts, metric

| Item No.     | Main material   | D    | for screw | D1      | D2 | H min. | H max. | B  | N | M   | F kN |
|--------------|-----------------|------|-----------|---------|----|--------|--------|----|---|-----|------|
| K0693.01004  | carbon steel    | 4,5  | M4        | M15x1   | 25 | 33     | 43     | 5  | 4 | 2   | 40   |
| K0693.01005  | carbon steel    | 5,5  | M5        | M15x1   | 25 | 33     | 43     | 5  | 4 | 2   | 40   |
| K0693.01006  | carbon steel    | 6,6  | M6        | M15x1   | 25 | 33     | 43     | 5  | 4 | 2   | 40   |
| K0693.01406  | carbon steel    | 6,6  | M6        | M20x1   | 32 | 41     | 55     | 6  | 4 | 2   | 65   |
| K0693.01408  | carbon steel    | 9    | M8        | M20x1   | 32 | 41     | 55     | 6  | 4 | 2   | 65   |
| K0693.01410  | carbon steel    | 11   | M10       | M20x1   | 32 | 41     | 55     | 6  | 4 | 2   | 65   |
| K0693.01810  | carbon steel    | 11   | M10       | M30x1,5 | 45 | 49     | 67     | 7  | 5 | 2   | 120  |
| K0693.01812  | carbon steel    | 13,5 | M12       | M30x1,5 | 45 | 49     | 67     | 7  | 5 | 2   | 120  |
| K0693.01816  | carbon steel    | 17,5 | M16       | M30x1,5 | 45 | 49     | 67     | 7  | 5 | 2   | 120  |
| K0693.02316  | carbon steel    | 17,5 | M16       | M40x1,5 | 58 | 63     | 86     | 9  | 6 | 2,5 | 210  |
| K0693.02320  | carbon steel    | 22   | M20       | M40x1,5 | 58 | 63     | 86     | 9  | 6 | 2,5 | 210  |
| K0693.02324  | carbon steel    | 26   | M24       | M40x1,5 | 58 | 63     | 86     | 9  | 6 | 2,5 | 210  |
| K0693.02920  | carbon steel    | 22   | M20       | M50x1,5 | 70 | 77     | 106    | 11 | 6 | 2,5 | 330  |
| K0693.02924  | carbon steel    | 26   | M24       | M50x1,5 | 70 | 77     | 106    | 11 | 6 | 2,5 | 330  |
| K0693.02930  | carbon steel    | 33   | M30       | M50x1,5 | 70 | 77     | 106    | 11 | 6 | 2,5 | 330  |
| K0693.010041 | stainless steel | 4,5  | M4        | M15x1   | 25 | 33     | 43     | 5  | 4 | 2   | 27,1 |
| K0693.010051 | stainless steel | 5,5  | M5        | M15x1   | 25 | 33     | 43     | 5  | 4 | 2   | 27,1 |
| K0693.010061 | stainless steel | 6,6  | M6        | M15x1   | 25 | 33     | 43     | 5  | 4 | 2   | 27,1 |
| K0693.014061 | stainless steel | 6,6  | M6        | M20x1   | 32 | 41     | 55     | 6  | 4 | 2   | 43,4 |
| K0693.014081 | stainless steel | 9    | M8        | M20x1   | 32 | 41     | 55     | 6  | 4 | 2   | 43,4 |
| K0693.014101 | stainless steel | 11   | M10       | M20x1   | 32 | 41     | 55     | 6  | 4 | 2   | 43,4 |
| K0693.018101 | stainless steel | 11   | M10       | M30x1,5 | 45 | 49     | 67     | 7  | 5 | 2   | 84   |
| K0693.018121 | stainless steel | 13,5 | M12       | M30x1,5 | 45 | 49     | 67     | 7  | 5 | 2   | 84   |
| K0693.018161 | stainless steel | 17,5 | M16       | M30x1,5 | 45 | 49     | 67     | 7  | 5 | 2   | 84   |
| K0693.023161 | stainless steel | 17,5 | M16       | M40x1,5 | 58 | 63     | 86     | 9  | 6 | 2,5 | 148  |
| K0693.023201 | stainless steel | 22   | M20       | M40x1,5 | 58 | 63     | 86     | 9  | 6 | 2,5 | 148  |
| K0693.023241 | stainless steel | 26   | M24       | M40x1,5 | 58 | 63     | 86     | 9  | 6 | 2,5 | 148  |
| K0693.029201 | stainless steel | 22   | M20       | M50x1,5 | 70 | 77     | 106    | 11 | 6 | 2,5 | 225  |
| K0693.029241 | stainless steel | 26   | M24       | M50x1,5 | 70 | 77     | 106    | 11 | 6 | 2,5 | 225  |
| K0693.029301 | stainless steel | 33   | M30       | M50x1,5 | 70 | 77     | 106    | 11 | 6 | 2,5 | 225  |

### Material:

Steel 1.7225.

Stainless steel 1.4305 (AISI 303 equivalent).

### Type:

Steel version trivalent blue passivated.

Stainless steel version bright.

### Part Number Example:

K0693.01004

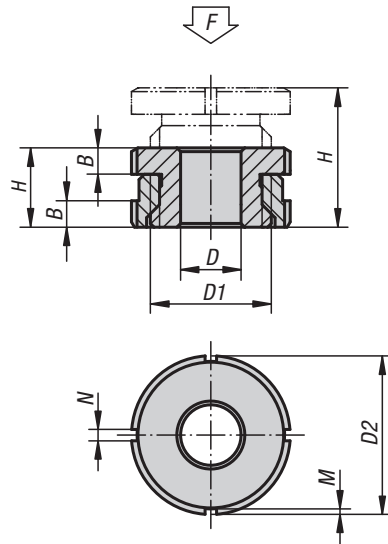
### Note:

Leveling sets are used for mounting, leveling and aligning motors, assemblies, drive units and assembly lines. The locking nut locks the set height. Other sizes available on request.

## Leveling Sets

Low Version

METRIC  
Parts



### KIPP Leveling Sets, low version

| Item No.    | Main material   | D    | for screw | D1      | D2 | H min. | H max. | B  | N | M   | F kN |
|-------------|-----------------|------|-----------|---------|----|--------|--------|----|---|-----|------|
| K0694.0404  | carbon steel    | 4,5  | M4        | M15x1   | 25 | 15     | 19     | 5  | 4 | 2   | 40   |
| K0694.0405  | carbon steel    | 5,5  | M5        | M15x1   | 25 | 15     | 19     | 5  | 4 | 2   | 40   |
| K0694.0406  | carbon steel    | 6,6  | M6        | M15x1   | 25 | 15     | 19     | 5  | 4 | 2   | 40   |
| K0694.0506  | carbon steel    | 6,6  | M6        | M20x1   | 32 | 18     | 23     | 6  | 4 | 2   | 65   |
| K0694.0508  | carbon steel    | 9    | M8        | M20x1   | 32 | 18     | 23     | 6  | 4 | 2   | 65   |
| K0694.0510  | carbon steel    | 11   | M10       | M20x1   | 32 | 18     | 23     | 6  | 4 | 2   | 65   |
| K0694.0710  | carbon steel    | 11   | M10       | M30x1,5 | 45 | 22     | 29     | 7  | 5 | 2   | 120  |
| K0694.0712  | carbon steel    | 13,5 | M12       | M30x1,5 | 45 | 22     | 29     | 7  | 5 | 2   | 120  |
| K0694.0716  | carbon steel    | 17,5 | M16       | M30x1,5 | 45 | 22     | 29     | 7  | 5 | 2   | 120  |
| K0694.0916  | carbon steel    | 17,5 | M16       | M40x1,5 | 58 | 28     | 37     | 9  | 6 | 2,5 | 210  |
| K0694.0920  | carbon steel    | 22   | M20       | M40x1,5 | 58 | 28     | 37     | 9  | 6 | 2,5 | 210  |
| K0694.0924  | carbon steel    | 26   | M24       | M40x1,5 | 58 | 28     | 37     | 9  | 6 | 2,5 | 210  |
| K0694.1020  | carbon steel    | 22   | M20       | M50x1,5 | 70 | 33     | 43     | 11 | 6 | 2,5 | 330  |
| K0694.1024  | carbon steel    | 26   | M24       | M50x1,5 | 70 | 33     | 43     | 11 | 6 | 2,5 | 330  |
| K0694.1030  | carbon steel    | 33   | M30       | M50x1,5 | 70 | 33     | 43     | 11 | 6 | 2,5 | 330  |
| K0694.04041 | stainless steel | 4,5  | M4        | M15x1   | 25 | 15     | 19     | 5  | 4 | 2   | 27,1 |
| K0694.04051 | stainless steel | 5,5  | M5        | M15x1   | 25 | 15     | 19     | 5  | 4 | 2   | 27,1 |
| K0694.04061 | stainless steel | 6,6  | M6        | M15x1   | 25 | 15     | 19     | 5  | 4 | 2   | 27,1 |
| K0694.05061 | stainless steel | 6,6  | M6        | M20x1   | 32 | 18     | 23     | 6  | 4 | 2   | 43,4 |
| K0694.05081 | stainless steel | 9    | M8        | M20x1   | 32 | 18     | 23     | 6  | 4 | 2   | 43,4 |
| K0694.05101 | stainless steel | 11   | M10       | M20x1   | 32 | 18     | 23     | 6  | 4 | 2   | 43,4 |
| K0694.07101 | stainless steel | 11   | M10       | M30x1,5 | 45 | 22     | 29     | 7  | 5 | 2   | 84   |
| K0694.07121 | stainless steel | 13,5 | M12       | M30x1,5 | 45 | 22     | 29     | 7  | 5 | 2   | 84   |
| K0694.07161 | stainless steel | 17,5 | M16       | M30x1,5 | 45 | 22     | 29     | 7  | 5 | 2   | 84   |
| K0694.09161 | stainless steel | 17,5 | M16       | M40x1,5 | 58 | 28     | 37     | 9  | 6 | 2,5 | 148  |
| K0694.09201 | stainless steel | 22   | M20       | M40x1,5 | 58 | 28     | 37     | 9  | 6 | 2,5 | 148  |
| K0694.09241 | stainless steel | 26   | M24       | M40x1,5 | 58 | 28     | 37     | 9  | 6 | 2,5 | 148  |
| K0694.10201 | stainless steel | 22   | M20       | M50x1,5 | 70 | 33     | 43     | 11 | 6 | 2,5 | 225  |
| K0694.10241 | stainless steel | 26   | M24       | M50x1,5 | 70 | 33     | 43     | 11 | 6 | 2,5 | 225  |
| K0694.10301 | stainless steel | 33   | M30       | M50x1,5 | 70 | 33     | 43     | 11 | 6 | 2,5 | 225  |

#### Material:

Steel 1.7225.

Stainless steel 1.4305 (AISI 303 equivalent).

#### Type:

Steel version trivalent blue passivated.

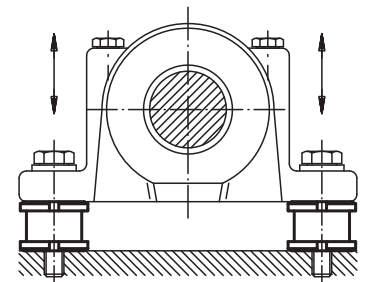
Stainless steel version bright.

#### Part Number Example:

K0694.0404

#### Note:

Leveling sets are used for mounting, leveling and aligning motors, assemblies, drive units and assembly lines. These leveling sets have an extremely low height. Single leveling sets can be set at several mounting points to achieve a precise and torsion-free alignment.





# Leveling Sets Spherical Washer

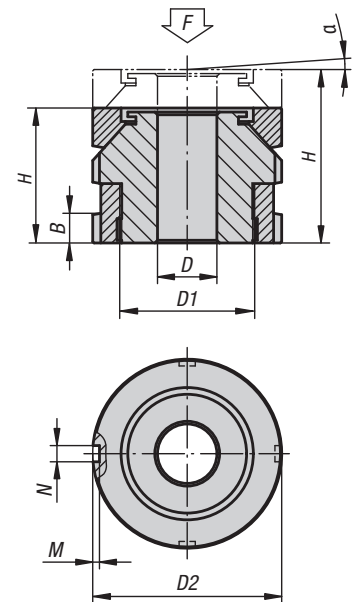


METRIC  
Parts



## KIPP Leveling Sets with spherical washer, metric

| Item No.    | Main material   | D    | for screw | D1      | D2 | H min. | H max. | B  | N | M   | α  | F kN |
|-------------|-----------------|------|-----------|---------|----|--------|--------|----|---|-----|----|------|
| K0695.0406  | carbon steel    | 6,6  | M6        | M15x1   | 25 | 22     | 26     | 5  | 4 | 2   | 4° | 40   |
| K0695.0506  | carbon steel    | 6,6  | M6        | M20x1   | 32 | 26     | 31     | 6  | 4 | 2   | 4° | 65   |
| K0695.0508  | carbon steel    | 9    | M8        | M20x1   | 32 | 26     | 31     | 6  | 4 | 2   | 4° | 65   |
| K0695.0510  | carbon steel    | 11   | M10       | M20x1   | 32 | 26     | 31     | 6  | 4 | 2   | 4° | 65   |
| K0695.0710  | carbon steel    | 11   | M10       | M30x1,5 | 45 | 34     | 41     | 7  | 5 | 2   | 4° | 120  |
| K0695.0712  | carbon steel    | 13,5 | M12       | M30x1,5 | 45 | 34     | 41     | 7  | 5 | 2   | 4° | 120  |
| K0695.0716  | carbon steel    | 17,5 | M16       | M30x1,5 | 45 | 34     | 41     | 7  | 5 | 2   | 4° | 120  |
| K0695.0916  | carbon steel    | 17,5 | M16       | M40x1,5 | 58 | 44     | 53     | 9  | 6 | 2,5 | 4° | 210  |
| K0695.0920  | carbon steel    | 22   | M20       | M40x1,5 | 58 | 44     | 53     | 9  | 6 | 2,5 | 4° | 210  |
| K0695.0924  | carbon steel    | 26   | M24       | M40x1,5 | 58 | 44     | 53     | 9  | 6 | 2,5 | 4° | 210  |
| K0695.1020  | carbon steel    | 22   | M20       | M50x1,5 | 70 | 50     | 60     | 11 | 6 | 2,5 | 4° | 330  |
| K0695.1024  | carbon steel    | 26   | M24       | M50x1,5 | 70 | 50     | 60     | 11 | 6 | 2,5 | 4° | 330  |
| K0695.1030  | carbon steel    | 33   | M30       | M50x1,5 | 70 | 50     | 60     | 11 | 6 | 2,5 | 4° | 330  |
| K0695.1224  | carbon steel    | 26   | M24       | M60x2   | 80 | 56     | 68     | 11 | 7 | 3   | 4° | 495  |
| K0695.1230  | carbon steel    | 33   | M30       | M60x2   | 80 | 56     | 68     | 11 | 7 | 3   | 4° | 495  |
| K0695.04061 | stainless steel | 6,6  | M6        | M15x1   | 25 | 22     | 26     | 5  | 4 | 2   | 4° | 27,1 |
| K0695.05061 | stainless steel | 6,6  | M6        | M20x1   | 32 | 26     | 31     | 6  | 4 | 2   | 4° | 43,4 |
| K0695.05081 | stainless steel | 9    | M8        | M20x1   | 32 | 26     | 31     | 6  | 4 | 2   | 4° | 43,4 |
| K0695.05101 | stainless steel | 11   | M10       | M20x1   | 32 | 26     | 31     | 6  | 4 | 2   | 4° | 43,4 |
| K0695.07101 | stainless steel | 11   | M10       | M30x1,5 | 45 | 34     | 41     | 7  | 5 | 2   | 4° | 84   |
| K0695.07121 | stainless steel | 13,5 | M12       | M30x1,5 | 45 | 34     | 41     | 7  | 5 | 2   | 4° | 84   |
| K0695.07161 | stainless steel | 17,5 | M16       | M30x1,5 | 45 | 34     | 41     | 7  | 5 | 2   | 4° | 84   |
| K0695.09161 | stainless steel | 17,5 | M16       | M40x1,5 | 58 | 44     | 53     | 9  | 6 | 2,5 | 4° | 148  |
| K0695.09201 | stainless steel | 22   | M20       | M40x1,5 | 58 | 44     | 53     | 9  | 6 | 2,5 | 4° | 148  |
| K0695.09241 | stainless steel | 26   | M24       | M40x1,5 | 58 | 44     | 53     | 9  | 6 | 2,5 | 4° | 148  |
| K0695.10201 | stainless steel | 22   | M20       | M50x1,5 | 70 | 50     | 60     | 11 | 6 | 2,5 | 4° | 225  |
| K0695.10241 | stainless steel | 26   | M24       | M50x1,5 | 70 | 50     | 60     | 11 | 6 | 2,5 | 4° | 225  |
| K0695.10301 | stainless steel | 33   | M30       | M50x1,5 | 70 | 50     | 60     | 11 | 6 | 2,5 | 4° | 225  |
| K0695.12241 | stainless steel | 26   | M24       | M60x2   | 80 | 56     | 68     | 11 | 7 | 3   | 4° | 323  |
| K0695.12301 | stainless steel | 33   | M30       | M60x2   | 80 | 56     | 68     | 11 | 7 | 3   | 4° | 323  |



### Material:

Steel 1.7225.

Stainless steel 1.4305 (AISI 303 equivalent).

### Type:

Steel version trivalent blue passivated.

Stainless steel version bright.

### Part Number Example:

K0695.0406

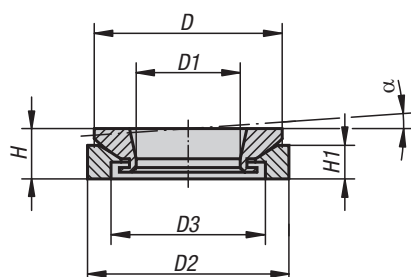
### Note:

Leveling Sets with spherical washers are used for mounting, leveling and aligning motors, assemblies, drive units and assembly lines. The spherical washer permits exact alignment when mounting inclined surfaces of up to 4°.

### Accessories:

Spherical leveling washers K0691

## Spherical Leveling Washers

METRIC  
Parts**Material:**

Steel 1.7225.

Stainless steel 1.4305 (AISI 303 equivalent).

**Type:**

Steel trivalent blue passivated.

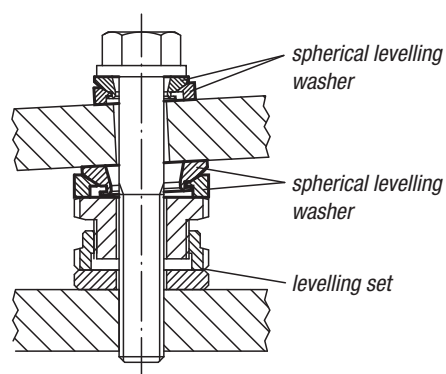
Stainless steel bright.

**Part Number Example:**

K0691.151

**Note:**

Spherical Leveling Washers are for exact positioning when mounting up to 4° inclined surfaces. A second Spherical Leveling Washer is recommended as support to correct the bolt angle if the angle of D3 is > 1°. The two halves of the washer cannot be detached from each other.



## KIPP Spherical Leveling Washers, metric

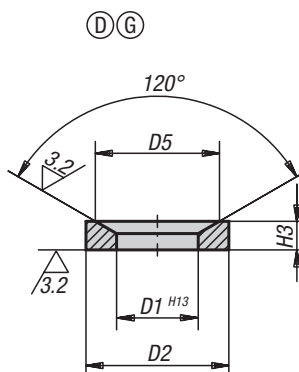
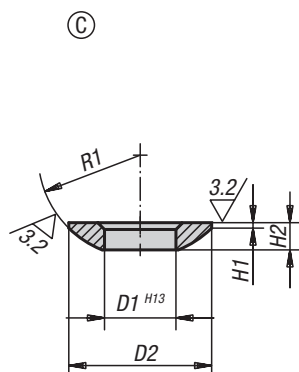
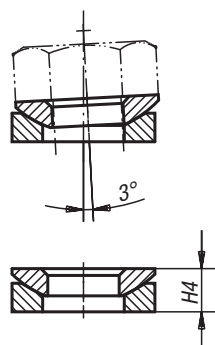
| Item No.<br>steel | Item No.<br>stainless steel | H    | H1  | D  | D1  | D2 | D3 | α  |
|-------------------|-----------------------------|------|-----|----|-----|----|----|----|
| K0691.151         | K0691.152                   | 8    | 5,5 | 23 | 8,5 | 25 | 15 | 4° |
| K0691.201         | K0691.202                   | 10   | 6,2 | 30 | 13  | 32 | 20 | 4° |
| K0691.301         | K0691.302                   | 12,5 | 9   | 40 | 20  | 45 | 30 | 4° |
| K0691.401         | K0691.402                   | 16   | 13  | 52 | 29  | 58 | 38 | 4° |
| K0691.501         | K0691.502                   | 20   | 14  | 65 | 36  | 70 | 48 | 4° |

## Spherical washers

DIN 6319, edition 10/01

METRIC  
Parts

New Item



### Material:

Mild steel or stainless steel.  
Style G high carbon steel tempered to HV 390 ±40.

### Type:

Steel version case hardened.  
Stainless steel version bright, not hardened.

### Part Number Example:

K0729.216

### Note:

Conical seat style G (available on request) should be used over slots.

### Drawing reference:

Style C: spherical washer  
Style D: conical seat  
Style G: conical seat for slots