

Leveling Pads

INCH Parts METRIC Parts

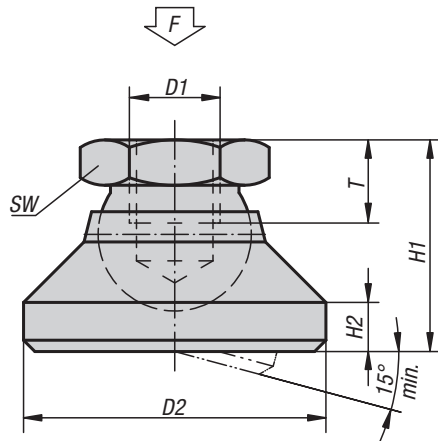


Style A
pressure foot and
ball element steel

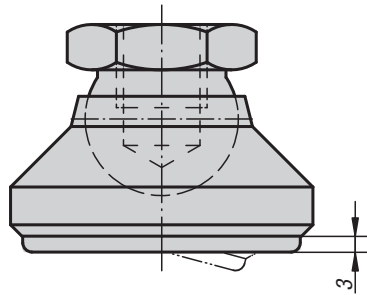
Style B
pressure foot and
ball element stainless steel

Style C
pressure foot POM,
ball element steel

Style D
pressure foot POM,
ball element stainless steel



Style G
pressure foot and
ball element steel
with anti-slip plate



Material:

Style A, G: Pressure foot tempered steel. Ball element mild steel.

Style B: Stainless steel.

Style C: Pressure foot POM. Ball element mild steel.

Style D: Pressure foot POM. Ball element stainless steel.

Anti-slip-plate thermoplastic elastomer.

Type:

Style A, G: Ball element case-hardened, burnished.

Style B: Natural finish.

Style C: Ball element case-hardened, burnished.

Style D: Ball element natural finish.

Part Number Example:

K0395.1A2

Note:

The Anti-Slip-Plate absorbs vibrations and prevents slipping of the Swivel Foot.

KIPP Leveling Pads, inch

Item No. Style A	Item No. Style B	D1	D2	H1	H2	T	SW	Load rating max. kN (static load only)
K0395.1A2	K0395.3A2	1/4-20	20	15	2.5	8.5	10	10
K0395.1A3	K0395.3A3	5/16-18	25	18	4	9	13	18
K0395.1A4	K0395.3A4	3/8-16	32	22	5	10	17	20
K0395.1A5	K0395.3A5	1/2-13	40	26	6	12	19	35
K0395.1A6	K0395.3A6	5/8-11	50	32	7	14	24	45
K0395.1A7	K0395.3A7	3/4-10	60	42	8	18	30	55

Leveling Pads



KIPP Leveling Pads, inch

Item No. Style C	Item No. Style D	D1	D2	H1	H2	T	SW	Load rating max. kN (static load only)
K0395.5A2	K0395.2A2	1/4-20	20	15	2.5	8.5	10	4
K0395.5A3	K0395.2A3	5/16-18	25	18	4	9	13	7
K0395.5A4	K0395.2A4	3/8-16	32	22	5	10	17	10
K0395.5A5	K0395.2A5	1/2-13	40	26	6	12	19	18
K0395.5A6	K0395.2A6	5/8-11	50	32	7	14	24	20
K0395.5A7	K0395.2A7	3/4-10	60	42	8	18	30	22

KIPP Leveling Pads, inch

Item No. Style G	D1	D2	H1	H2	T	SW	Load rating max. kN (static load only)
K0395.4A4	3/8-16	32	22	5	10	17	12
K0395.4A5	1/2-13	40	26	6	12	19	17
K0395.4A6	5/8-11	50	32	7	14	24	20
K0395.4A7	3/4-10	60	42	8	18	30	24

KIPP Leveling Pads, metric

Item No. Style A	Item No. Style B	D1	D2	H1	H2	T	SW	Load rating max. kN (static load only)
K0395.106	K0395.306	M6	20	15	2,5	8,5	10	10
K0395.108	K0395.308	M8	25	18	4	9	13	18
K0395.110	K0395.310	M10	32	22	5	10	17	20
K0395.112	K0395.312	M12	40	26	6	12	19	35
K0395.116	K0395.316	M16	50	32	7	14	24	45
K0395.120	K0395.320	M20	60	42	8	18	30	55

KIPP Leveling Pads, metric

Item No. Style C	Item No. Style D	D1	D2	H1	H2	T	SW	Load rating max. kN (static load only)
K0395.506	K0395.206	M6	20	15	2,5	8,5	10	4
K0395.508	K0395.208	M8	25	18	4	9	13	7
K0395.510	K0395.210	M10	32	22	5	10	17	10
K0395.512	K0395.212	M12	40	26	6	12	19	18
K0395.516	K0395.216	M16	50	32	7	14	24	20
K0395.520	K0395.220	M20	60	42	8	18	30	22

KIPP Leveling Pads, metric

Item No. Style G	D1	D2	H1	H2	T	SW	Load rating max. kN (static load only)
K0395.410	M10	32	22	5	10	17	12
K0395.412	M12	40	26	6	12	19	17
K0395.416	M16	50	32	7	14	24	20
K0395.420	M20	60	42	8	18	30	24

Swivel Pads

INCH Parts METRIC Parts



Material:

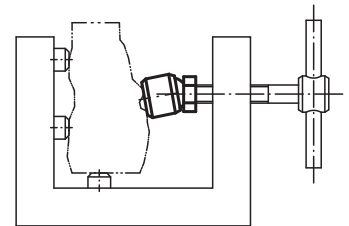
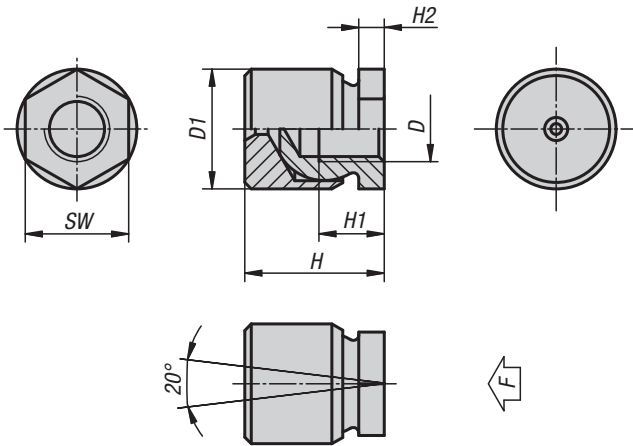
Ball element in case-hardened free-cutting steel, pressure pad in free-cutting steel ETG 100

Type:

Black oxide finish.

Part Number Example:

K0304.A1



KIPP Swivel Pads, inch

Item No.	D	D1	H	H1	H2	SW	F max. N
K0304.A1	10-32	13	16.5	6.5	4	10	1620
K0304.A2	1/4-20	13	16.5	8.5	4	10	2330
K0304.A3	5/16-18	16	21	9	4	13	4150
K0304.A4	3/8-16	19	23	10	4	17	6480
K0304.A5	1/2-13	22	25.5	12	4.7	19	8320
K0304.A6	5/8-11	25	29.5	14	5	24	13940
K0304.A7	3/4-10	32	36	18	8.5	30	21000

KIPP Swivel Pads, metric

Item No.	D	D1	H	H1	H2	SW	F max. N
K0304.05	M5	13	16,5	6,5	4	10	1620
K0304.06	M6	13	16,5	8,5	4	10	2330
K0304.08	M8	16	21	9	4	13	4150
K0304.10	M10	19	23	10	4	17	6480
K0304.12	M12	22	25,5	12	4,7	19	8320
K0304.16	M16	25	29,5	14	5	24	13940
K0304.20	M20	32	36	18	8,5	30	21000

Leveling Pads

with vibration absorption



Material:

- Steel version:
pressure foot carbon steel.
Ball element free-cutting steel.
- Stainless steel version:
pressure foot and ball element stainless steel.

Damper plate PUR elastomere (Sylomer V12).

Type:

- Steel version:
pressure foot black oxide finish; ball element in case-hardened, black oxide finish
- Stainless steel version:
natural finish

Damper plate gray, glued, slip-free;
Application -30 °C to +70 °C

Part Number Example:

K0420.1A4

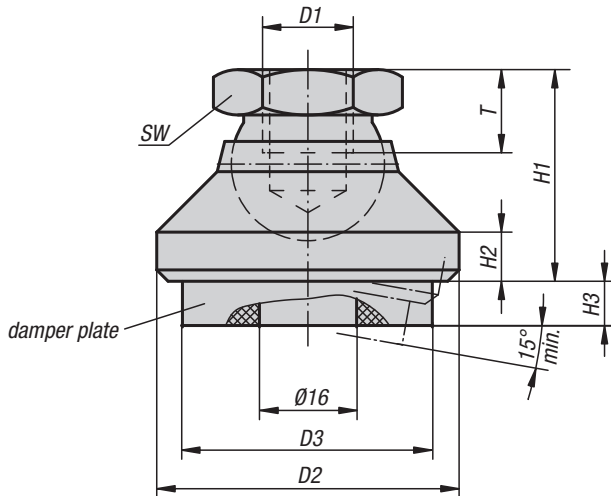
Note:

The load capacity given in the table is a recommendation of the permanent static load to which these leveling pads should be used.

This static load corresponds to a surface pressure of 0.4 N/mm² at which the material reaches its optimum absorption properties. It is taken into account that under dynamic loading an additional load of up to 0.6 N/mm² may occur.

The damper plate absorbs vibrations and prevents slipping of the leveling pad.

For a leveling pad without vibration absorption please see K0395.



KIPP Leveling Pads with vibration absorption, inch

Item No. steel	Item No. stainless steel	D1	D2	D3	H1	H2	H3 (under pressure of 0 / 0.4 / 0.6 N/mm ²)	T	SW	Load capacity (under pressure of 0.4 N/mm ²) N
K0420.1A4	K0420.3A4	3/8-16	32	30.5	22	5	8 / 6.8 / 5.9	10	17	212
K0420.1A5	K0420.3A5	1/2-13	40	30.5	26	6	8 / 6.8 / 5.9	12	19	212
K0420.1A6	K0420.3A6	5/8-11	50	40.5	32	7	8 / 6.8 / 5.9	14	24	435
K0420.1A7	K0420.3A7	3/4-10	60	50	42	8	8 / 6.8 / 5.9	18	30	705

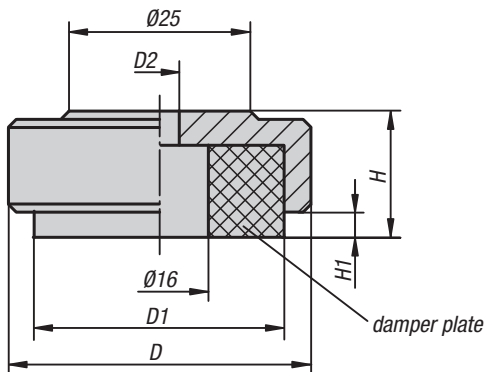
KIPP Leveling Pads with vibration absorption, metric

Item No. steel	Item No. stainless steel	D1	D2	D3	H1	H2	H3 (under pressure of 0 / 0.4 / 0.6 N/mm ²)	T	SW	Load capacity (under pressure of 0.4 N/mm ²) N
K0420.110	K0420.310	M10	32	30,5	22	5	8 / 6,8 / 5,9	10	17	212
K0420.112	K0420.312	M12	40	30,5	26	6	8 / 6,8 / 5,9	12	19	212
K0420.116	K0420.316	M16	50	40,5	32	7	8 / 6,8 / 5,9	14	24	435
K0420.120	K0420.320	M20	60	50	42	8	8 / 6,8 / 5,9	18	30	705

Locating Feet

with vibration absorption

METRIC
Parts



Material:

Plate steel,
damper plate PUR elastomere (Sylomer V12)

Type:

Plate blue chromate;
damper plate gray, fixed, cannot slip.
Range of use from -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/mm², 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/mm² may occur.

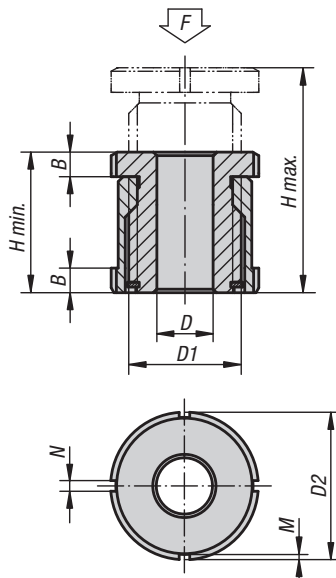
The damper plate absorbs vibrations and prevents slipping of the locating foot.

KIPP Locating Feet with vibration absorption, metric

Item No.	D	D1	D2	H	H1	Load capacity
						(under pressure of 0 / 0.4 / 0.6 N/mm ²) N
K0670.036	36	30,5	5,5	15	4 / 2,8 / 1,9	212
K0670.046	46	40,5	6,6	17	4 / 2,8 / 1,9	435
K0670.056	56	50	9	19	4 / 2,8 / 1,9	705
K0670.074	74	68	9	21	4 / 2,8 / 1,9	1372

Height adjustment bolts

METRIC
Parts



KIPP Height adjustment bolts, metric

Item No.	Material	D	for screw	D1	D2	H min.	H max.	B	N	M	F kN
K0692.01504	steel	4,5	M4	M15x1	25	28	43	5	4	2	40
K0692.01505	steel	5,5	M5	M15x1	25	28	43	5	4	2	40
K0692.01506	steel	6,6	M6	M15x1	25	28	43	5	4	2	40
K0692.02006	steel	6,6	M6	M20x1	32	35	55	6	4	2	65
K0692.02008	steel	9	M8	M20x1	32	35	55	6	4	2	65
K0692.02010	steel	11	M10	M20x1	32	35	55	6	4	2	65
K0692.02510	steel	11	M10	M30x1,5	45	42	67	7	5	2	120
K0692.02512	steel	13,5	M12	M30x1,5	45	42	67	7	5	2	120
K0692.02516	steel	17,5	M16	M30x1,5	45	42	67	7	5	2	120
K0692.03216	steel	17,5	M16	M40x1,5	58	54	86	9	6	2,5	210
K0692.03220	steel	22	M20	M40x1,5	58	54	86	9	6	2,5	210
K0692.03224	steel	26	M24	M40x1,5	58	54	86	9	6	2,5	210
K0692.04020	steel	22	M20	M50x1,5	70	66	106	11	6	2,5	330
K0692.04024	steel	26	M24	M50x1,5	70	66	106	11	6	2,5	330
K0692.04030	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.

Type:

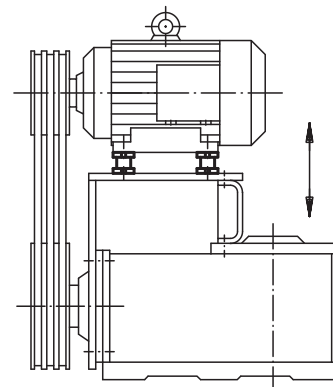
Steel zinc plated, blue chromate;
stainless steel natural finish

Part Number Example:

K0692.01505

Note:

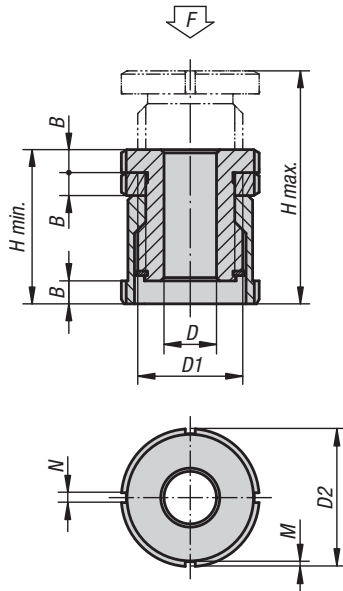
The height adjustment bolts are used when dealing with the positioning and alignment of motors, motor units, drive components and production lines. They are characterised by their large travel of 15 mm to 40 mm. Other sizes available on request.



Height adjustment bolts with counter-nuts



METRIC
Parts



Material:

Steel 1.7225
stainless steel 1.4305

Type:

Steel zinc plated, blue chromate;
stainless steel natural finish

KIPP Height adjustment bolts with counter-nuts, metric

Item No.	Material	D	for screw	D1	D2	H min.	H max.	B	N	M	F kN
K0693.01004	steel	4,5	M4	M15x1	25	33	43	5	4	2	40
K0693.01005	steel	5,5	M5	M15x1	25	33	43	5	4	2	40
K0693.01006	steel	6,6	M6	M15x1	25	33	43	5	4	2	40
K0693.01406	steel	6,6	M6	M20x1	32	41	55	6	4	2	65
K0693.01408	steel	9	M8	M20x1	32	41	55	6	4	2	65
K0693.01410	steel	11	M10	M20x1	32	41	55	6	4	2	65
K0693.01810	steel	11	M10	M30x1,5	45	49	67	7	5	2	120
K0693.01812	steel	13,5	M12	M30x1,5	45	49	67	7	5	2	120
K0693.01816	steel	17,5	M16	M30x1,5	45	49	67	7	5	2	120
K0693.02316	steel	17,5	M16	M40x1,5	58	63	86	9	6	2,5	210
K0693.02320	steel	22	M20	M40x1,5	58	63	86	9	6	2,5	210
K0693.02324	steel	26	M24	M40x1,5	58	63	86	9	6	2,5	210
K0693.02920	steel	22	M20	M50x1,5	70	77	106	11	6	2,5	330
K0693.02924	steel	26	M24	M50x1,5	70	77	106	11	6	2,5	330
K0693.02930	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

Part Number Example:

K0693.01004

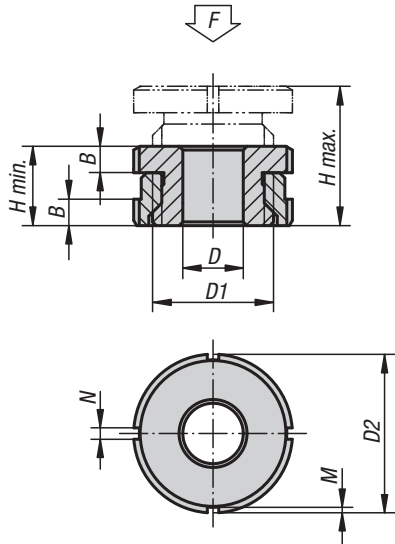
Note:

The height adjustment bolts are used when dealing with the positioning and alignment of motors, motor units, drive components and production lines. The counter-nut secures the given adjustment. Other sizes available on request.

Level-compensating components



METRIC
Parts



Material:
Steel 1.7225;
stainless steel 1.4305

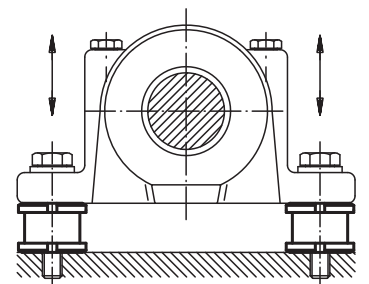
Type:
Steel zinc plated, blue chromate;
stainless steel natural finish

Part Number Example:
K0694.0404

Note:
The level-compensating bolts are used when dealing with the positioning and alignment of motors, motor units, drive components and production lines. The advantage of a level adjustment bolt is its low height. Using the level-compensating bolt, alignments can be quickly and easily made, even if several ball-bearing positions are involved. This guarantees assembly with no risk of deviation.

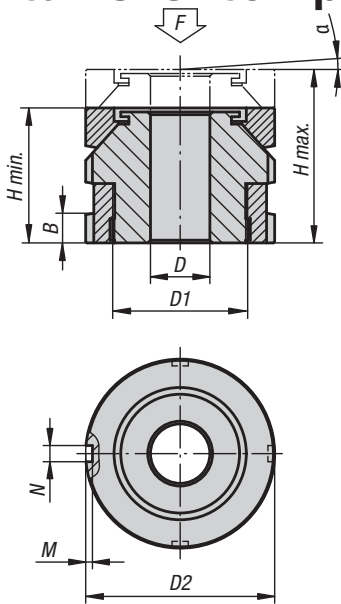
KIPP Level-compensating components, metric

Item No.	Material	D	for screw	D1	D2	H min.	H max.	B	N	M	F kN
K0694.0404	steel	4,5	M4	M15x1	25	15	19	5	4	2	40
K0694.0405	steel	5,5	M5	M15x1	25	15	19	5	4	2	40
K0694.0406	steel	6,6	M6	M15x1	25	15	19	5	4	2	40
K0694.0506	steel	6,6	M6	M20x1	32	18	23	6	4	2	65
K0694.0508	steel	9	M8	M20x1	32	18	23	6	4	2	65
K0694.0510	steel	11	M10	M20x1	32	18	23	6	4	2	65
K0694.0710	steel	11	M10	M30x1,5	45	22	29	7	5	2	120
K0694.0712	steel	13,5	M12	M30x1,5	45	22	29	7	5	2	120
K0694.0716	steel	17,5	M16	M30x1,5	45	22	29	7	5	2	120
K0694.0916	steel	17,5	M16	M40x1,5	58	28	37	9	6	2,5	210
K0694.0920	steel	22	M20	M40x1,5	58	28	37	9	6	2,5	210
K0694.0924	steel	26	M24	M40x1,5	58	28	37	9	6	2,5	210
K0694.1020	steel	22	M20	M50x1,5	70	33	43	11	6	2,5	330
K0694.1024	steel	26	M24	M50x1,5	70	33	43	11	6	2,5	330
K0694.1030	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



Spherical level-compensating bolts

METRIC
Parts



Material:
Steel 1.7225;
stainless steel 1.4305

Type:
Steel zinc plated, blue chromate;
stainless steel natural finish

Part Number Example:
K0695.0406

Note:
The spherical level-compensating bolt is used when dealing with the positioning and alignment of motors, motor units, drive elements and production lines. Exact positioning in the assembly of sloped baseplates up to a 4° angle of inclination can be achieved with the spherical level-compensating bolt.

KIPP Spherical level-compensating bolts, metric

Item No.	Material	D	for screw	D1	D2	H min.	H max.	B	N	M	α	F kN
K0695.0406	steel	6,6	M6	M15x1	25	22	26	5	4	2	4°	40
K0695.0506	steel	6,6	M6	M20x1	32	26	31	6	4	2	4°	65
K0695.0508	steel	9	M8	M20x1	32	26	31	6	4	2	4°	65
K0695.0510	steel	11	M10	M20x1	32	26	31	6	4	2	4°	65
K0695.0710	steel	11	M10	M30x1,5	45	34	41	7	5	2	4°	120
K0695.0712	steel	13,5	M12	M30x1,5	45	34	41	7	5	2	4°	120
K0695.0716	steel	17,5	M16	M30x1,5	45	34	41	7	5	2	4°	120
K0695.0916	steel	17,5	M16	M40x1,5	58	44	53	9	6	2,5	4°	210
K0695.0920	steel	22	M20	M40x1,5	58	44	53	9	6	2,5	4°	210
K0695.0924	steel	26	M24	M40x1,5	58	44	53	9	6	2,5	4°	210
K0695.1020	steel	22	M20	M50x1,5	70	50	60	11	6	2,5	4°	330
K0695.1024	steel	26	M24	M50x1,5	70	50	60	11	6	2,5	4°	330
K0695.1030	steel	33	M30	M50x1,5	70	50	60	11	6	2,5	4°	330
K0695.1224	steel	26	M24	M60x2	80	56	68	11	7	3	4°	495
K0695.1230	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

Notes:

