



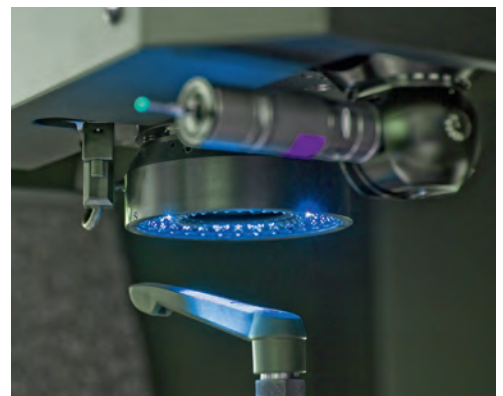
KIPP World Headquarters, Germany

THE RELIABLE “GO TO” COMPANY FOR ALMOST 100 YEARS!

From the humble roots of a small mechanic’s workshop almost 100 years ago, KIPP today enjoys a world leadership position in the manufacturing of precision tooling components; including handles, knobs, spring plungers, clamping and workholding elements, handwheels and more.

In fact, the name KIPP is virtually synonymous with adjustable handles that KIPP introduced six decades ago.

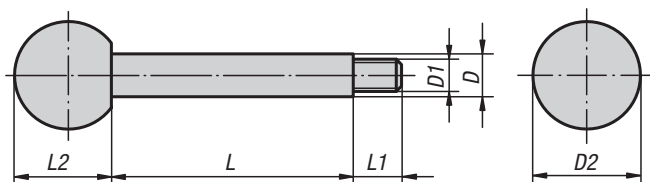
With over 16,000 standard stock parts in this catalog, we can typically satisfy your needs within 24 hours.



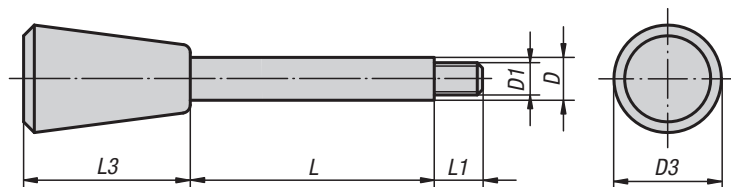
Gear Levers

INCH
PartsMETRIC
Parts

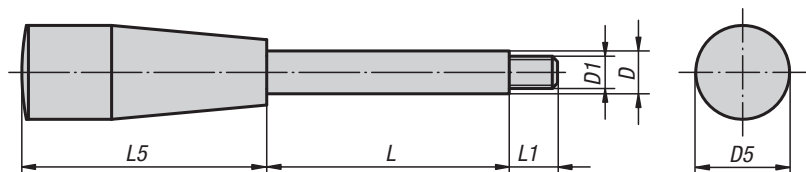
Style A



Style C



Style E

**Material:**

Knobs Duroplast PF 31.

Rod steel 1.0718 or stainless steel 1.4305.

Type:

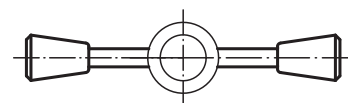
Duroplastic black, high-gloss polished.

Steel black oxide finish or stainless steel natural finish.

Part Number Example:

K0179.2A2X35

(include length L)



KIPP Gear Levers, style A, inch

Item No. steel	Item No. stainless steel	Style	D	D1	D2	L	L1	L2
K0179.2A2X	K0179.12A2X	A	8	1/4-20	20	35/50/65	9	18
K0179.2A3X	K0179.12A3X	A	10	5/16-18	25	50/65/80/100	13	22.5
K0179.2A4X	K0179.12A4X	A	12	3/8-16	32	65/80/100/125	15	29
K0179.2A5X	K0179.12A5X	A	14	1/2-13	35	80/100/125/160	16	32.5

Gear Levers



KIPP Gear Levers, style C, inch

Item No. steel	Item No. stainless steel	Style	D	D1	D3	L	L1	L3
K0179.4A2X	K0179.14A2X	C	8	1/4-20	20	35/50/65	9	30
K0179.4A3X	K0179.14A3X	C	10	5/16-18	25	50/65/80/100	13	38
K0179.4A4X	K0179.14A4X	C	12	3/8-16	30	65/80/100/125	15	46
K0179.4A5X	K0179.14A5X	C	14	1/2-13	35	80/100/125/160	16	53

KIPP Gear Levers, style E, inch

Item No. steel	Item No. stainless steel	Style	D	D1	D5	L	L1	L5
K0179.6A2X	K0179.16A2X	E	8	1/4-20	17	35/50/65	9	45
K0179.6A3X	K0179.16A3X	E	10	5/16-18	23	50/65/80/100	13	60
K0179.6A4X	K0179.16A4X	E	12	3/8-16	28	65/80/100/125	15	70
K0179.6A5X	K0179.16A5X	E	14	1/2-13	28	80/100/125/160	16	70

KIPP Gear Levers, style A, metric

Item No. steel	Item No. stainless steel	Style	D	D1	D2	L	L1	L2
K0179.208X	K0179.1208X	A	8	M6	20	35/50/65	9	18
K0179.210X	K0179.1210X	A	10	M8	25	50/65/80/100	13	22,5
K0179.212X	K0179.1212X	A	12	M10	32	65/80/100/125	15	29
K0179.214X	K0179.1214X	A	14	M12	35	80/100/125/160	16	32,5

KIPP Gear Levers, style C, metric

Item No. steel	Item No. stainless steel	Style	D	D1	D3	L	L1	L3
K0179.408X	K0179.1408X	C	8	M6	20	35/50/65	9	30
K0179.410X	K0179.1410X	C	10	M8	25	50/65/80/100	13	38
K0179.412X	K0179.1412X	C	12	M10	30	65/80/100/125	15	46
K0179.414X	K0179.1414X	C	14	M12	35	80/100/125/160	16	53

KIPP Gear Levers, style E, metric

Item No. steel	Item No. stainless steel	Style	D	D1	D5	L	L1	L5
K0179.608X	K0179.1608X	E	8	M6	17	35/50/65	9	45
K0179.610X	K0179.1610X	E	10	M8	23	50/65/80/100	13	60
K0179.612X	K0179.1612X	E	12	M10	28	65/80/100/125	15	70
K0179.614X	K0179.1614X	E	14	M12	28	80/100/125/160	16	70

Adjustable Tension Levers

internal thread

INCH
PartsMETRIC
Parts**Material:**

Steel parts quality class 5.8.
Ball knob black plastic, press fit.

Type:

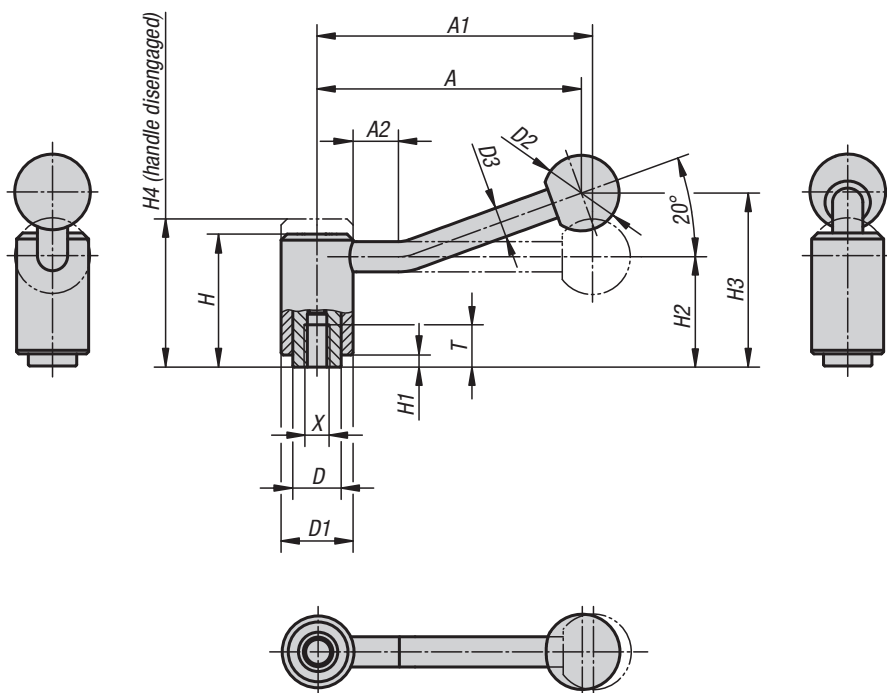
Powder-coated with fine texture, black

Part Number Example:

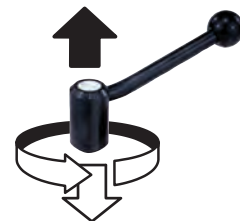
K0108.1A32

On request:

Other internal threads and special versions.
Dimension "H1", "A" and "A1" available in other
lengths at an additional charge.



lift to
disengage



KIPP Adjustable Tension Levers, with internal thread, inch

Item No. 0 degree	Item No. 20 degrees	Size	X	T	D	D1	D2	D3	H	H1	H2	H3	H4	A	A1	A2	No. of teeth
K0108.1A32	K0108.1A31	1	5/16-18	14	16	24	25	10	44.5	4.5	37	-/58.5	49.5	-/88	92/-	-/15	22
K0108.1A42	K0108.1A41	1	3/8-16	14	16	24	25	10	44.5	4.5	37	-/58.5	49.5	-/88	92/-	-/15	22
K0108.2A42	K0108.2A41	2	3/8-16	17	19	28	32	12	51.5	5.5	42	-/68.5	57.5	-/106	111/-	-/15	24
K0108.2A52	K0108.2A51	2	1/2-13	17	19	28	32	12	51.5	5.5	42	-/68.5	57.5	-/106	111/-	-/15	24
K0108.3A52	K0108.3A51	3	1/2-13	23	23	33	32	13	58	6	47	-/81	65	-/128.5	134.5/-	-/15	26
K0108.3A62	K0108.3A61	3	5/8-11	23	23	33	32	13	58	6	47	-/81	65	-/128.5	134.5/-	-/15	26
K0108.4A62	K0108.4A61	4	5/8-11	27	30	41	32	13	68.5	7.5	56.5	-/89.5	76.5	-/128.5	134/-	-/15	36
K0108.4A72	K0108.4A71	4	3/4-10	27	30	41	32	13	68.5	7.5	56.5	-/89.5	76.5	-/128.5	134/-	-/15	36

KIPP Adjustable Tension Levers, with internal thread, metric

Item No. 0 degree	Item No. 20 degrees	Size	X	T	D	D1	D2	D3	H	H1	H2	H3	H4	A	A1	A2	No. of teeth
K0108.1082	K0108.1081	1	M8	14	16	24	25	10	44,5	4,5	37	-/58,5	49,5	-/88	92/-	-/15	22
K0108.1102	K0108.1101	1	M10	14	16	24	25	10	44,5	4,5	37	-/58,5	49,5	-/88	92/-	-/15	22
K0108.2102	K0108.2101	2	M10	17	19	28	32	12	51,5	5,5	42	-/68,5	57,5	-/106	111/-	-/15	24
K0108.2122	K0108.2121	2	M12	17	19	28	32	12	51,5	5,5	42	-/68,5	57,5	-/106	111/-	-/15	24
K0108.3122	K0108.3121	3	M12	23	23	33	32	13	58	6	47	-/81	65	-/128,5	134,5/-	-/15	26
K0108.3162	K0108.3161	3	M16	23	23	33	32	13	58	6	47	-/81	65	-/128,5	134,5/-	-/15	26
K0108.4162	K0108.4161	4	M16	27	30	41	32	13	68,5	7,5	56,5	-/89,5	76,5	-/128,5	134/-	-/15	36
K0108.4202	K0108.4201	4	M20	27	30	41	32	13	68,5	7,5	56,5	-/89,5	76,5	-/128,5	134/-	-/15	36
K0108.4242	K0108.4241	4	M24	27	30	41	32	13	68,5	7,5	56,5	-/89,5	76,5	-/128,5	134/-	-/15	36

Adjustable Tension Levers in stainless steel

internal thread



Material:

Steel parts in stainless steel, 1.4305, black plastic ball knob

Type:

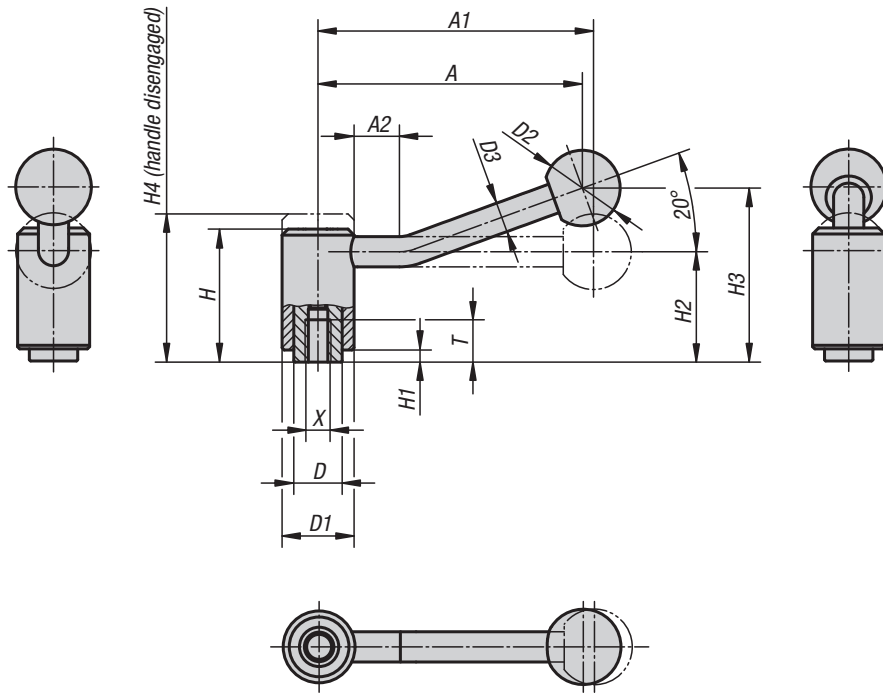
Steel parts natural finish

Part Number Example:

K0109.1A32

On request:

Other internal threads and special versions. Dimension "H1", "A" and "A1" available in other lengths at an additional charge.



KIPP Adjustable Tension Levers, in stainless steel, with internal thread, inch

Item No. 0 degree	Item No. 20 degrees	Size	X	T	D	D1	D2	D3	H	H1	H2	H3	H4	A	A1	A2	No. of teeth
K0109.1A32	K0109.1A31	1	5/16-18	14	16	24	25	10	44.5	4.5	37	-/58.5	49.5	-/88	92/-	-/15	22
K0109.1A42	K0109.1A41	1	3/8-16	14	16	24	25	10	44.5	4.5	37	-/58.5	49.5	-/88	92/-	-/15	22
K0109.2A42	K0109.2A41	2	3/8-16	17	19	28	32	12	51.5	5.5	42	-/68.5	57.5	-/106	111/-	-/15	24
K0109.2A52	K0109.2A51	2	1/2-13	17	19	28	32	12	51.5	5.5	42	-/68.5	57.5	-/106	111/-	-/15	24
K0109.3A52	K0109.3A51	3	1/2-13	23	23	33	32	13	58	6	47	-/81	65	-/128.5	134.5/-	-/15	26
K0109.3A62	K0109.3A61	3	5/8-11	23	23	33	32	13	58	6	47	-/81	65	-/128.5	134.5/-	-/15	26
K0109.4A62	K0109.4A61	4	5/8-11	27	30	41	32	13	68.5	7.5	56.5	-/89.5	76.5	-/128.5	134/-	-/15	36
K0109.4A72	K0109.4A71	4	3/4-10	27	30	41	32	13	68.5	7.5	56.5	-/89.5	76.5	-/128.5	134/-	-/15	36

KIPP Adjustable Tension Levers, in stainless steel, with internal thread, metric

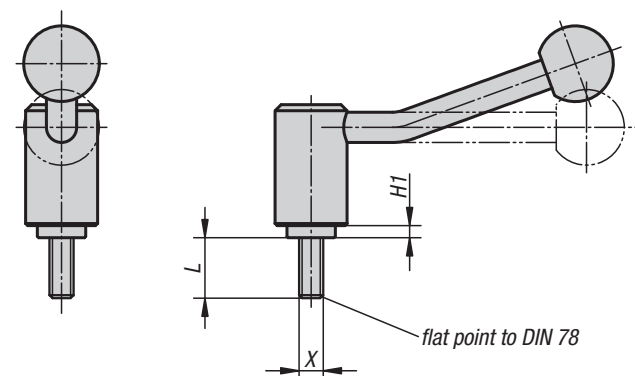
Item No. 0 degree	Item No. 20 degrees	Size	X	T	D	D1	D2	D3	H	H1	H2	H3	H4	A	A1	A2	No. of teeth
K0109.1082	K0109.1081	1	M8	14	16	24	25	10	44,5	4,5	37	-/58,5	49,5	-/88	92/ -	-/15	22
K0109.1102	K0109.1101	1	M10	14	16	24	25	10	44,5	4,5	37	-/58,5	49,5	-/88	92/ -	-/15	22
K0109.2102	K0109.2101	2	M10	17	19	28	32	12	51,5	5,5	42	-/68,5	57,5	-/106	111/ -	-/15	24
K0109.2122	K0109.2121	2	M12	17	19	28	32	12	51,5	5,5	42	-/68,5	57,5	-/106	111/ -	-/15	24
K0109.3122	K0109.3121	3	M12	23	23	33	32	13	58	6	47	-/81	65	-/128,5	134,5/ -	-/15	26
K0109.3162	K0109.3161	3	M16	23	23	33	32	13	58	6	47	-/81	65	-/128,5	134,5/ -	-/15	26
K0109.4162	K0109.4161	4	M16	27	30	41	32	13	68,5	7,5	56,5	-/89,5	76,5	-/128,5	134/ -	-/15	36
K0109.4202	K0109.4201	4	M20	27	30	41	32	13	68,5	7,5	56,5	-/89,5	76,5	-/128,5	134/ -	-/15	36

Adjustable Tension Levers

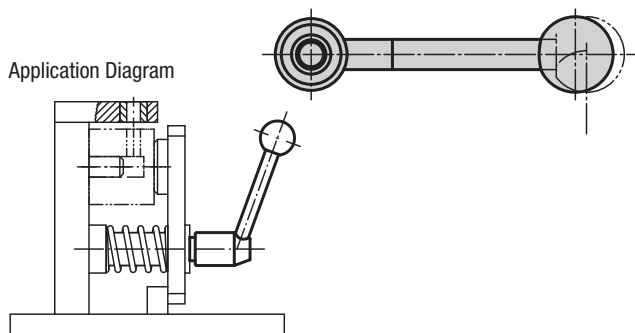
external thread

INCH
Parts

METRIC
Parts



Application Diagram



Material:

Steel parts quality class 5.8.

Ball knob black plastic, press fit.

Type:

Powder-coated with fine texture, black

Part Number Example:

K0108.1A32X20
(include length L)

Note:

Missing dimensions see Tension Levers with internal thread.

On request:

Other internal threads and special versions.
Dimension "H1", "A" and "A1" available in other lengths at an additional charge.

KIPP Adjustable Tension Levers, with external thread, inch

Item No. 0 degree	Item No. 20 degrees	Size	X	H1	L
K0108.1A32X	K0108.1A31X	1	5/16-18	4.5	20/25/30/40/50/60
K0108.1A42X	K0108.1A41X	1	3/8-16	4.5	20/25/30/40/50/60
K0108.1A52X	K0108.1A51X	1	1/2-13	4.5	20/25/30/40/50/60
K0108.2A52X	K0108.2A51X	2	1/2-13	5.5	20/25/30/40/50/60
K0108.3A52X	K0108.3A51X	3	1/2-13	6	20/25/30/40/50/60
K0108.3A62X	K0108.3A61X	3	5/8-11	6	20/25/30/40/50/60
K0108.4A62X	K0108.4A61X	4	5/8-11	7.5	30/40/50/60
K0108.4A72X	K0108.4A71X	4	3/4-10	7.5	30/40/50/60

KIPP Adjustable Tension Levers, with external thread, metric

Item No. 0 degree	Item No. 20 degrees	Size	X	H1	L
K0108.1082X	K0108.1081X	1	M8	4,5	15/20/25/30/40/50/60
K0108.1102X	K0108.1101X	1	M10	4,5	15/20/25/30/40/50/60
K0108.1122X	K0108.1121X	1	M12	4,5	15/20/25/30/40/50/60
K0108.2122X	K0108.2121X	2	M12	5,5	20/25/30/40/50/60
K0108.3122X	K0108.3121X	3	M12	6	20/25/30/40/50/60/70/80/90
K0108.3162X	K0108.3161X	3	M16	6	20/25/30/40/50/60/70/80/90
K0108.4162X	K0108.4161X	4	M16	7,5	30/40/50/60/70/80/90
K0108.4202X	K0108.4201X	4	M20	7,5	30/40/50/60/70/80/90
K0108.4242X	K0108.4241X	4	M24	7,5	30/40/50/60/70/80/90

Adjustable Tension Levers in stainless steel

external thread



Material:

Steel parts in stainless steel, 1.4305,
black plastic ball knob

Type:

Steel parts natural finish.

Part Number Example:

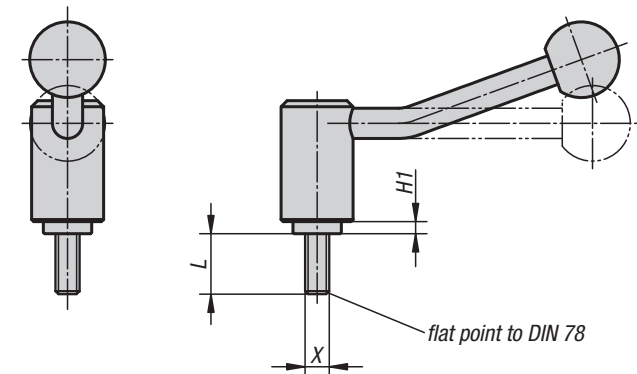
K0109.1A32X15
(include length L)

Note:

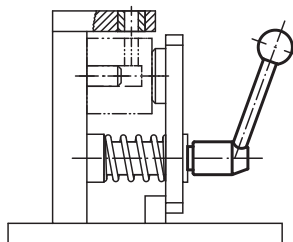
Missing dimensions see Tension Levers
with internal thread.

On request:

Other external threads, screw lengths and
special versions.
Dimension "H1", "A" and "A1" available in
other lengths at an extra charge.



Application Diagram



KIPP Adjustable Tension Levers, in stainless steel, with external thread, inch

Item No. 0 degree	Item No. 20 degrees	Size	X	H1	L
K0109.1A32X	K0109.1A31X	1	5/16-18	4.5	15/20/25/30/40/50/60
K0109.1A42X	K0109.1A41X	1	3/8-16	4.5	15/20/25/30/40/50/60
K0109.1A52X	K0109.1A51X	1	1/2-13	4.5	15/20/25/30/40/50/60
K0109.2A52X	K0109.2A51X	2	1/2-13	5.5	20/25/30/40/50/60
K0109.3A52X	K0109.3A51X	3	1/2-13	6	20/25/30/40/50/60/70/80/90
K0109.3A62X	K0109.3A61X	3	5/8-11	6	20/25/30/40/50/60/70/80/90
K0109.4A62X	K0109.4A61X	4	5/8-11	7.5	30/40/50/60/70/80/90
K0109.4A72X	K0109.4A71X	4	3/4-10	7.5	30/40/50/60/70/80/90

KIPP Adjustable Tension Levers, in stainless steel, with external thread, metric

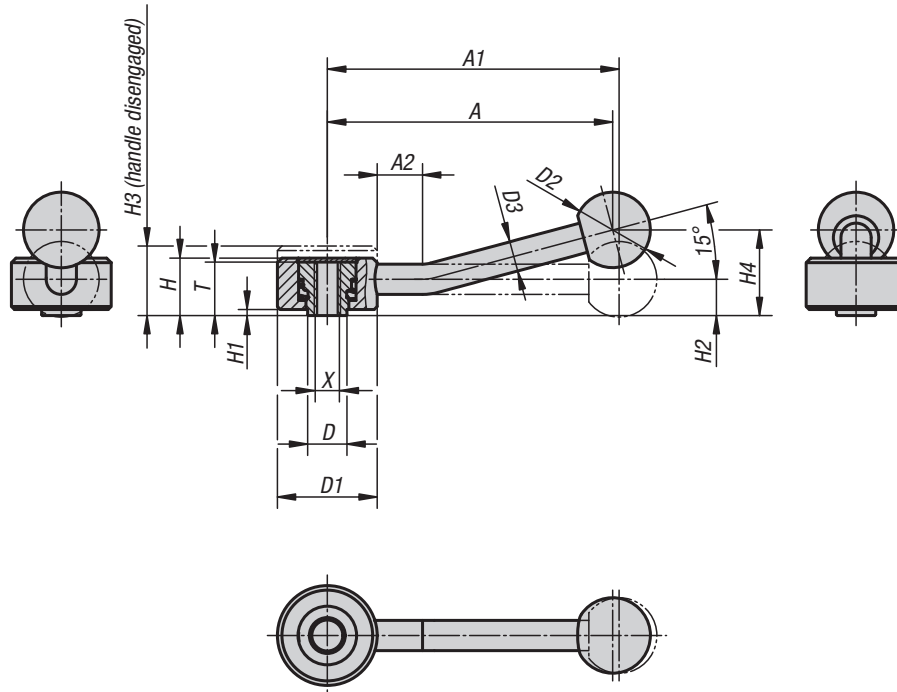
Item No. 0 degree	Item No. 20 degrees	Size	X	H1	L
K0109.1082X	K0109.1081X	1	M8	4,5	15/20/25/30/40/50/60
K0109.1102X	K0109.1101X	1	M10	4,5	15/20/25/30/40/50/60
K0109.1122X	K0109.1121X	1	M12	4,5	15/20/25/30/40/50/60
K0109.2122X	K0109.2121X	2	M12	5,5	20/25/30/40/50/60
K0109.3122X	K0109.3121X	3	M12	6	20/25/30/40/50/60/70/80/90
K0109.3162X	K0109.3161X	3	M16	6	20/25/30/40/50/60/70/80/90
K0109.4162X	K0109.4161X	4	M16	7,5	30/40/50/60/70/80/90
K0109.4202X	K0109.4201X	4	M20	7,5	30/40/50/60/70/80/90

Adjustable Tension Levers

low profile, internal thread

INCH
Parts

METRIC
Parts



Material:

Steel parts quality class 5.8.
Ball knob black plastic.

Type:

Black oxide finish.

Part Number Example:

K0114.1A21

On request:

Other internal threads and special versions.
Dimension "H1", "A" and "A1" available in
other lengths at an additional charge.



KIPP Adjustable Tension Levers, low profile, internal thread, inch

Item No. 0 degree	Item No. 15 degrees	Size	X	T	D	D1	D2	D3	H	H1	H2	H3	H4	A	A1	A2	No. of teeth
K0114.1A21	K0114.1A22	1	1/4-20	18	13.5	33	25	10	19	2	12	23	-/29	-/100	102/-	-/15	26
K0114.1A31	K0114.1A32	1	5/16-18	18	13.5	33	25	10	19	2	12	23	-/29	-/100	102/-	-/15	26
K0114.2A41	K0114.2A42	2	3/8-16	21	19	41	30	12	22	2	13.5	26	-/38	-/127	131/-	-/15	30
K0114.2A51	K0114.2A52	2	1/2-13	21	19	41	30	12	22	2	13.5	26	-/38	-/127	131/-	-/15	30
K0114.3A51	K0114.3A52	3	1/2-13	27	23	45	37	14	28	2	17	33	-/48	-/145	148/-	-/15	36
K0114.3A61	K0114.3A62	3	5/8-11	27	23	45	37	14	28	2	17	33	-/48	-/145	148/-	-/15	36

KIPP Adjustable Tension Levers, low profile, internal thread, metric

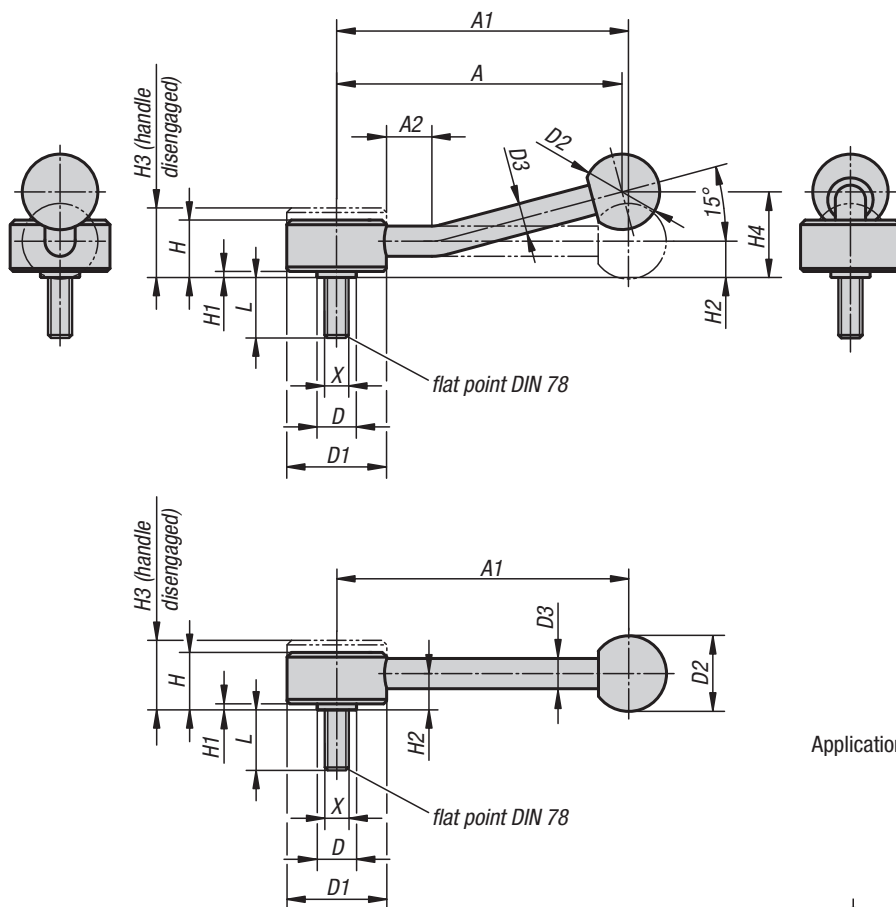
Item No. 0 degree	Item No. 15 degrees	Size	X	T	D	D1	D2	D3	H	H1	H2	H3	H4	A	A1	A2	No. of teeth
K0114.1061	K0114.1062	1	M6	18	13,5	33	25	10	19	2	12	23	-/29	-/100	102/-	-/15	26
K0114.1081	K0114.1082	1	M8	18	13,5	33	25	10	19	2	12	23	-/29	-/100	102/-	-/15	26
K0114.2101	K0114.2102	2	M10	21	19	41	30	12	22	2	13,5	26	-/38	-/127	131/-	-/15	30
K0114.2121	K0114.2122	2	M12	21	19	41	30	12	22	2	13,5	26	-/38	-/127	131/-	-/15	30
K0114.3121	K0114.3122	3	M12	27	23	45	37	14	28	2	17	33	-/48	-/145	148/-	-/15	36
K0114.3161	K0114.3162	3	M16	27	23	45	37	14	28	2	17	33	-/48	-/145	148/-	-/15	36

Adjustable Tension Levers

low profile, external thread

INCH
Parts

METRIC
Parts



Material:

Steel parts quality class 5.8.
Ball knob black plastic.

Type:

Black oxide finish.

Part Number Example:

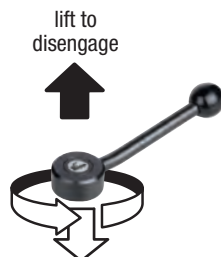
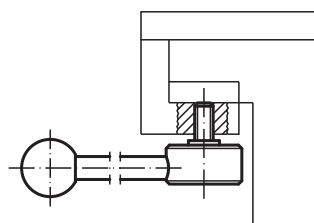
K0114.1A31X20
(include length L)

On request:

Other external threads, screw lengths and special versions.

Dimension "H1", "A" and "A1" available in other lengths at an additional charge.

Application Diagram



KIPP Adjustable Tension Levers, low profile, external thread, inch

Item No. 0 degree	Item No. 15 degrees	Size	X	D	D1	D2	D3	H	H1	H2	H3	H4	A	A1	A2	No. of teeth	L
K0114.1A31X	K0114.1A32X	1	5/16-18	13.5	33	25	10	19	2	12	23	-/29	-/100	102/-	-/15	20	20/25/30/40/50/60
K0114.1A41X	K0114.1A42X	1	3/8-16	13.5	33	25	10	19	2	12	23	-/29	-/100	102/-	-/15	20	20/25/30/40/50/60
K0114.2A41X	K0114.2A42X	2	3/8-16	19	41	30	12	22	2	13.5	26	-/38	-/127	131/-	-/15	24	20/25/30/40/50/60
K0114.2A51X	K0114.2A52X	2	1/2-13	19	41	30	12	22	2	13.5	26	-/38	-/127	131/-	-/15	24	20/25/30/40/50/60
K0114.3A51X	K0114.3A52X	3	1/2-13	23	45	37	14	28	2	17	33	-/48	-/145	148/-	-/15	26	20/25/30/40/50/60
K0114.3A61X	K0114.3A62X	3	5/8-11	23	45	37	14	28	2	17	33	-/48	-/145	148/-	-/15	26	20/25/30/40/50/60

KIPP Adjustable Tension Levers, low profile, external thread, metric

Item No. 0 degree	Item No. 15 degrees	Size	X	D	D1	D2	D3	H	H1	H2	H3	H4	A	A1	A2	No. of teeth	L
K0114.1081X	K0114.1082X	1	M8	13,5	33	25	10	19	2	12	23	-/29	-/100	102/-	-/15	20	15/20/25/30/40/50/60
K0114.1101X	K0114.1102X	1	M10	13,5	33	25	10	19	2	12	23	-/29	-/100	102/-	-/15	20	15/20/25/30/40/50/60
K0114.2101X	K0114.2102X	2	M10	19	41	30	12	22	2	13,5	26	-/38	-/127	131/-	-/15	24	20/25/30/40/50/60
K0114.2121X	K0114.2122X	2	M12	19	41	30	12	22	2	13,5	26	-/38	-/127	131/-	-/15	24	20/25/30/40/50/60
K0114.3121X	K0114.3122X	3	M12	23	45	37	14	28	2	17	33	-/48	-/145	148/-	-/15	26	20/25/30/40/50/60
K0114.3161X	K0114.3162X	3	M16	23	45	37	14	28	2	17	33	-/48	-/145	148/-	-/15	26	20/25/30/40/50/60

Adjustable Handles

Classic Ball Style, Zinc, inserts and internal components steel, internal thread



Material:

Handle die-cast zinc DIN 12844.
Steel parts quality class 5.8.

Type:

Handle powder-coated,
steel parts black oxide finish

Part Number Example:

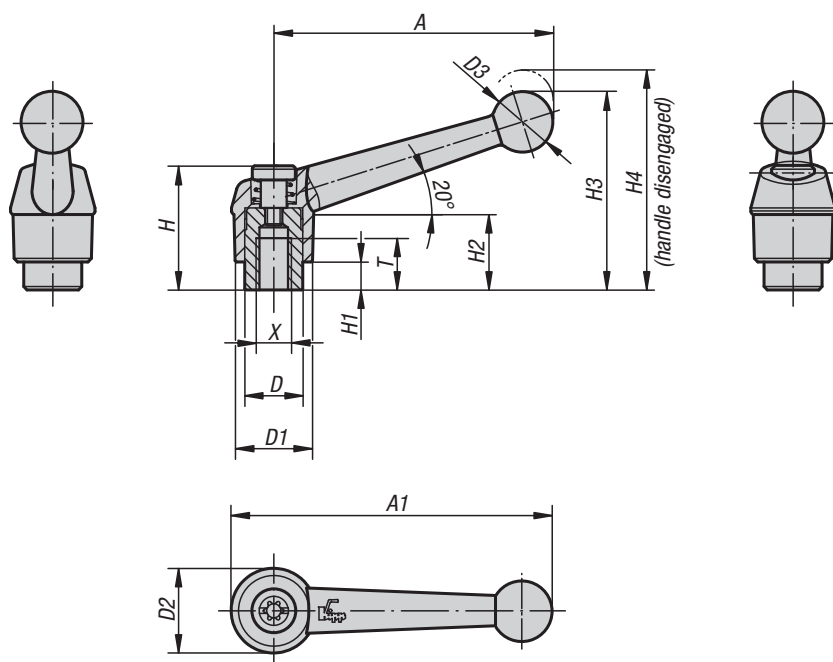
K0116.1AE1

Note:

Standard colors are:
black satin finish, silver metallic.

On request:

Other internal threads, colors and special versions.
Dimension "H1" can be produced in other lengths at
an additional charge.



Adjustable Handles

Classic Ball Style, Zinc, inserts and internal components steel, internal thread



KIPP Adjustable Handles, Classic Ball Style, Zinc, with internal thread, components in steel, inch

Item No. black, satin finish	Item No. silver metallic	Size	X	T	D	D1	D2	D3	H	H1	H2	H3	H4	A	A1	No. of teeth
K0116.1AE1	K0116.1AE3	1	8-32	9	10	13	14	10.5	24.5	4	15	32.5	35.5	39	46	16
K0116.1A01	K0116.1A03	1	10-24	9	10	13	14	10.5	24.5	4	15	32.5	35.5	39	46	16
K0116.1A11	K0116.1A13	1	10-32	9	10	13	14	10.5	24.5	4	15	32.5	35.5	39	46	16
K0116.1A21	K0116.1A23	1	1/4-20	9	10	13	14	10.5	24.5	4	15	32.5	35.5	39	46	16
K0116.2A21	K0116.2A23	2	1/4-20	12	13.5	18	18.5	15.5	28.5	6.5	16.5	45.5	49.5	64	73	20
K0116.2A31	K0116.2A33	2	5/16-18	12	13.5	18	18.5	15.5	28.5	6.5	16.5	45.5	49.5	64	73	20
K0116.3A31	K0116.3A33	3	5/16-18	14	16	21	22	17	37	10	23	57.5	61.5	79	90	22
K0116.3A41	K0116.3A43	3	3/8-16	14	16	21	22	17	37	10	23	57.5	61.5	79	90	22
K0116.4A41	K0116.4A43	4	3/8-16	17	19	25	26	19	42.5	10	26	67	72	95	108	24
K0116.4A51	K0116.4A53	4	1/2-13	17	19	25	26	19	42.5	10	26	67	72	95	108	24
K0116.5A51	K0116.5A53	5	1/2-13	23	23	30	31	22	49	12	32	79	84	110	126	26
K0116.5A61	K0116.5A63	5	5/8-11	23	23	30	31	22	49	12	32	79	84	110	126	26

KIPP Adjustable Handles, Classic Ball Style, Zinc, with internal thread, components in steel, metric

Item No. black satin finish	Item No. silver metallic	Size	X	T	D	D1	D2	D3	H	H1	H2	H3	H4	A	A1	No. of teeth
K0116.1041	K0116.1043	1	M4	9	10	13	14	10,5	24,5	4	15	32,5	35,5	39	46	16
K0116.1051	K0116.1053	1	M5	9	10	13	14	10,5	24,5	4	15	32,5	35,5	39	46	16
K0116.1061	K0116.1063	1	M6	9	10	13	14	10,5	24,5	4	15	32,5	35,5	39	46	16
K0116.2061	K0116.2063	2	M6	12	13,5	18	18,5	15,5	28,5	6,5	16,5	45,5	49,5	64	73	20
K0116.2081	K0116.2083	2	M8	12	13,5	18	18,5	15,5	28,5	6,5	16,5	45,5	49,5	64	73	20
K0116.3081	K0116.3083	3	M8	14	16	21	22	17	37	10	23	57,5	61,5	79	90	22
K0116.3101	K0116.3103	3	M10	14	16	21	22	17	37	10	23	57,5	61,5	79	90	22
K0116.4101	K0116.4103	4	M10	17	19	25	26	19	42,5	10	26	67	72	95	108	24
K0116.4121	K0116.4123	4	M12	17	19	25	26	19	42,5	10	26	67	72	95	108	24
K0116.5121	K0116.5123	5	M12	23	23	30	31	22	49	12	32	79	84	110	126	26
K0116.5161	K0116.5163	5	M16	23	23	30	31	22	49	12	32	79	84	110	126	26

Adjustable Handles

Classic Ball Style, Zinc, inserts and internal components stainless steel, internal thread



INCH
Parts

METRIC
Parts



Material:

Handle die-cast zinc DIN 12844.
Steel parts stainless steel 1.4305.

Type:

Handle powder-coated,
steel parts natural finish.

Part Number Example:

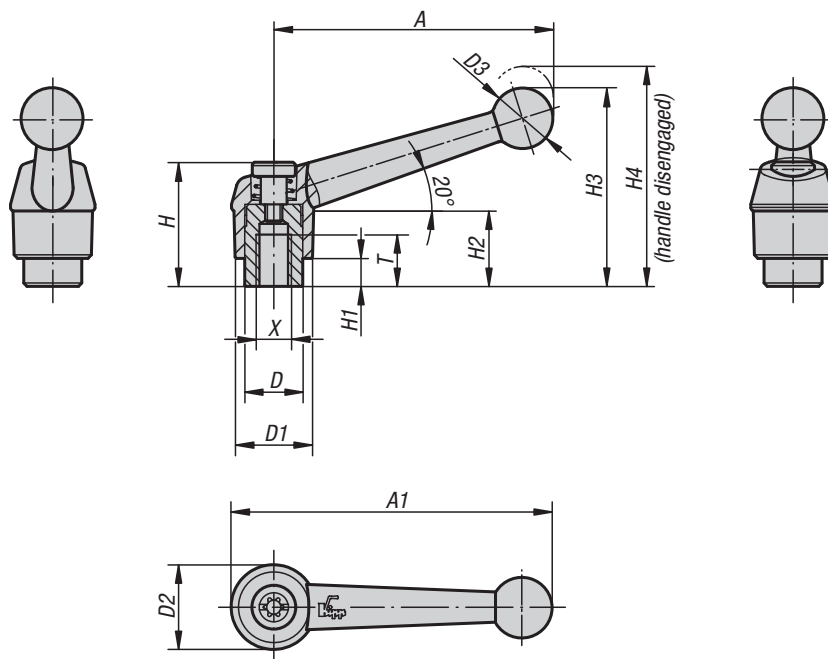
K0117.1A01

Note:

Standard colors are:
black satin finish, silver metallic.

On request:

Other internal threads, colors and special versions.
Dimension "H1" can be produced in other lengths
at an additional charge.



Adjustable Handles

Classic Ball Style, Zinc, inserts and internal components stainless steel, internal thread



KIPP Adjustable Handles, Classic Ball Style, Zinc, with internal thread, components in stainless steel, inch

Item No. black, satin finish	Item No. silver metallic	Size	X	T	D	D1	D2	D3	H	H1	H2	H3	H4	A	A1	No. of teeth
K0117.1A01	K0117.1A03	1	10-24	9	10	13	14	10.5	24.5	4	15	32.5	35.5	39	46	16
K0117.1A11	K0117.1A13	1	10-32	9	10	13	14	10.5	24.5	4	15	32.5	35.5	39	46	16
K0117.1A21	K0117.1A23	1	1/4-20	9	10	13	14	10.5	24.5	4	15	32.5	35.5	39	46	16
K0117.2A21	K0117.2A23	2	1/4-20	12	13.5	18	18.5	15.5	28.5	6.5	16.5	45.5	49.5	64	73	20
K0117.2A31	K0117.2A33	2	5/16-18	12	13.5	18	18.5	15.5	28.5	6.5	16.5	45.5	49.5	64	73	20
K0117.3A31	K0117.3A33	3	5/16-18	14	16	21	22	17	37	10	23	57.5	61.5	79	90	22
K0117.3A41	K0117.3A43	3	3/8-16	14	16	21	22	17	37	10	23	57.5	61.5	79	90	22
K0117.4A41	K0117.4A43	4	3/8-16	17	19	25	26	19	42.5	10	26	67	72	95	108	24
K0117.4A51	K0117.4A53	4	1/2-13	17	19	25	26	19	42.5	10	26	67	72	95	108	24
K0117.5A51	K0117.5A53	5	1/2-13	23	23	30	31	22	49	12	32	79	84	110	126	26
K0117.5A61	K0117.5A63	5	5/8-11	23	23	30	31	22	49	12	32	79	84	110	126	26

KIPP Adjustable Handles, Classic Ball Style, Zinc, with internal thread, components in stainless steel, metric

Item No. black satin finish	Item No. silver metallic	Size	X	T	D	D1	D2	D3	H	H1	H2	H3	H4	A	A1	No. of teeth
K0117.1041	K0117.1043	1	M4	9	10	13	14	10,5	24,5	4	15	32,5	35,5	39	46	16
K0117.1051	K0117.1053	1	M5	9	10	13	14	10,5	24,5	4	15	32,5	35,5	39	46	16
K0117.1061	K0117.1063	1	M6	9	10	13	14	10,5	24,5	4	15	32,5	35,5	39	46	16
K0117.2061	K0117.2063	2	M6	12	13,5	18	18,5	15,5	28,5	6,5	16,5	45,5	49,5	64	73	20
K0117.2081	K0117.2083	2	M8	12	13,5	18	18,5	15,5	28,5	6,5	16,5	45,5	49,5	64	73	20
K0117.3081	K0117.3083	3	M8	14	16	21	22	17	37	10	23	57,5	61,5	79	90	22
K0117.3101	K0117.3103	3	M10	14	16	21	22	17	37	10	23	57,5	61,5	79	90	22
K0117.4101	K0117.4103	4	M10	17	19	25	26	19	42,5	10	26	67	72	95	108	24
K0117.4121	K0117.4123	4	M12	17	19	25	26	19	42,5	10	26	67	72	95	108	24
K0117.5121	K0117.5123	5	M12	23	23	30	31	22	49	12	32	79	84	110	126	26
K0117.5161	K0117.5163	5	M16	23	23	30	31	22	49	12	32	79	84	110	126	26

Adjustable Handles

Classic Ball Style, Zinc, bolts and internal components in steel, external thread



INCH
Parts

METRIC
Parts



Material:

Handle die-cast zinc DIN 12844.
Steel parts quality class 5.8.

Type:

Handle powder-coated;
steel bolts and internal components black oxide finish

Part Number Example:

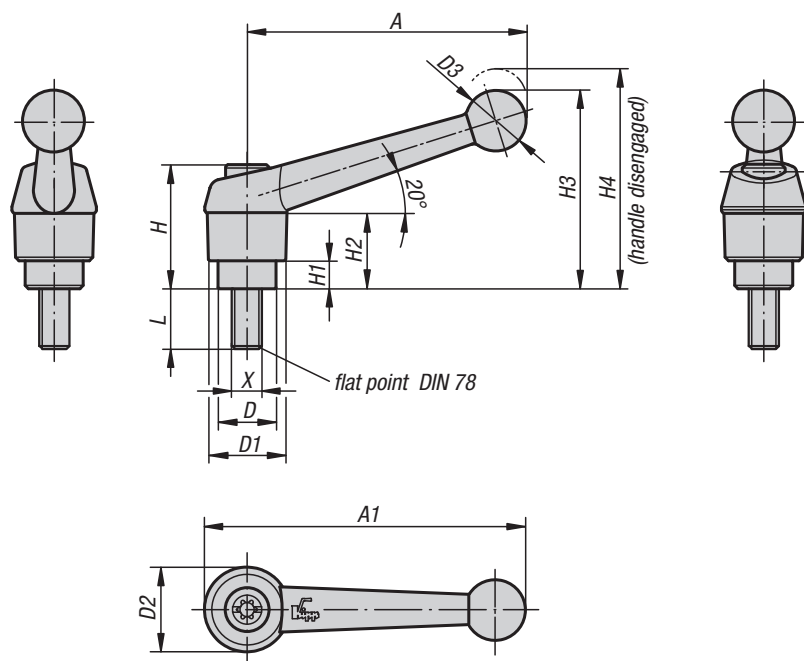
K0116.1A01X10
(include length L)

Note:

Standard colors are:
black satin finish, silver metallic.

On request:

Other external threads, screw lengths, colors and
special versions.
Dimension "H1" can be produced in other lengths at
an additional charge.



KIPP Measurements, external thread

Size	X	D	D1	D2	D3	H	H1	H2	H3	H4	A	A1	No. of teeth
1	10-24 / M5	10	13	14	10.5	24.5	4	15	32.5	35.5	39	46	16
1	10-32	10	13	14	10.5	24.5	4	15	32.5	35.5	39	46	16
1	1/4-20 / M6	10	13	14	10.5	24.5	4	15	32.5	35.5	39	46	16
2	1/4-20 / M6	13.5	18	18.5	15.5	28.5	6.5	16.5	45.5	49.5	64	73	20
2	5/16-18 / M8	13.5	18	18.5	15.5	28.5	6.5	16.5	45.5	49.5	64	73	20
2	3/8-16 / M10	13.5	18	18.5	15.5	28.5	6.5	16.5	45.5	49.5	64	73	20
3	5/16-18 / M8	16	21	22	17	37	10	23	57.5	61.5	79	90	22
3	3/8-16 / M10	16	21	22	17	37	10	23	57.5	61.5	79	90	22
4	3/8-16 / M10	19	25	26	19	42.5	10	26	67	72	95	108	24
4	1/2-13 / M12	19	25	26	19	42.5	10	26	67	72	95	108	24
5	1/2-13 / M12	23	30	31	22	49	12	32	79	84	110	126	26
5	5/8-11 / M16	23	30	31	22	49	12	32	79	84	110	126	26

Adjustable Handles

Classic Ball Style, Zinc, bolts and internal components in steel, external thread



KIPP Adjustable Handles, Classic Ball Style, Zinc, with external thread, components in steel, inch

Item No. black satin finish	Item No. silver metallic	Size	X	L
K0116.1A01X	K0116.1A03X	1	10-24	10/15/20/25/30/35/40/45/50
K0116.1A11X	K0116.1A13X	1	10-32	10/15/20/25/30/35/40/45/50
K0116.1A21X	K0116.1A23X	1	1/4-20	10/15/20/25/30/35/40/45/50
K0116.2A21X	K0116.2A23X	2	1/4-20	15/20/25/30/35/40/45/50/55/60
K0116.2A31X	K0116.2A33X	2	5/16-18	15/20/25/30/35/40/45/50/55/60
K0116.2A41X	K0116.2A43X	2	3/8-16	15/20/25/30/35/40/45/50/55/60
K0116.3A31X	K0116.3A33X	3	5/16-18	15/20/25/30/35/40/45/50/55/60
K0116.3A41X	K0116.3A43X	3	3/8-16	15/20/25/30/35/40/45/50/55/60
K0116.4A41X	K0116.4A43X	4	3/8-16	20/25/30/35/40/45/50/55/60/70/80/90
K0116.4A51X	K0116.4A53X	4	1/2-13	20/25/30/35/40/45/50/55/60/70/80/90
K0116.5A51X	K0116.5A53X	5	1/2-13	25/30/35/40/45/50/55/60/70/80/90
K0116.5A61X	K0116.5A63X	5	5/8-11	25/30/35/40/45/50/55/60/70/80/90

KIPP Adjustable Handles, Classic Ball Style, Zinc, with external thread, components in steel, metric

Item No. black satin finish	Item No. silver metallic	Size	X	L
K0116.1051X	K0116.1053X	1	M5	10/15/20/25/30/35/40/45/50
K0116.1061X	K0116.1063X	1	M6	10/15/20/25/30/35/40/45/50
K0116.2061X	K0116.2063X	2	M6	15/20/25/30/35/40/45/50/55/60
K0116.2081X	K0116.2083X	2	M8	15/20/25/30/35/40/45/50/55/60
K0116.2101X	K0116.2103X	2	M10	15/20/25/30/35/40/45/50/55/60
K0116.3081X	K0116.3083X	3	M8	15/20/25/30/35/40/45/50/55/60
K0116.3101X	K0116.3103X	3	M10	15/20/25/30/35/40/45/50/55/60
K0116.4101X	K0116.4103X	4	M10	20/25/30/35/40/45/50/55/60/70/80/90
K0116.4121X	K0116.4123X	4	M12	20/25/30/35/40/45/50/55/60/70/80/90
K0116.5121X	K0116.5123X	5	M12	25/30/35/40/45/50/55/60/70/80/90
K0116.5161X	K0116.5163X	5	M16	25/30/35/40/45/50/55/60/70/80/90

Adjustable Handles

Classic Ball Style, Zinc, bolts and internal components in stainless steel, external thread

INCH
Parts

METRIC
Parts



Material:

Handle die-cast zinc DIN 12844.

Steel parts stainless steel 1.4305.

Type:

Handle powder-coated;
stainless steel bolts and internal components natural
finish

Part Number Example:

K0117.1A01X15

(include length L)

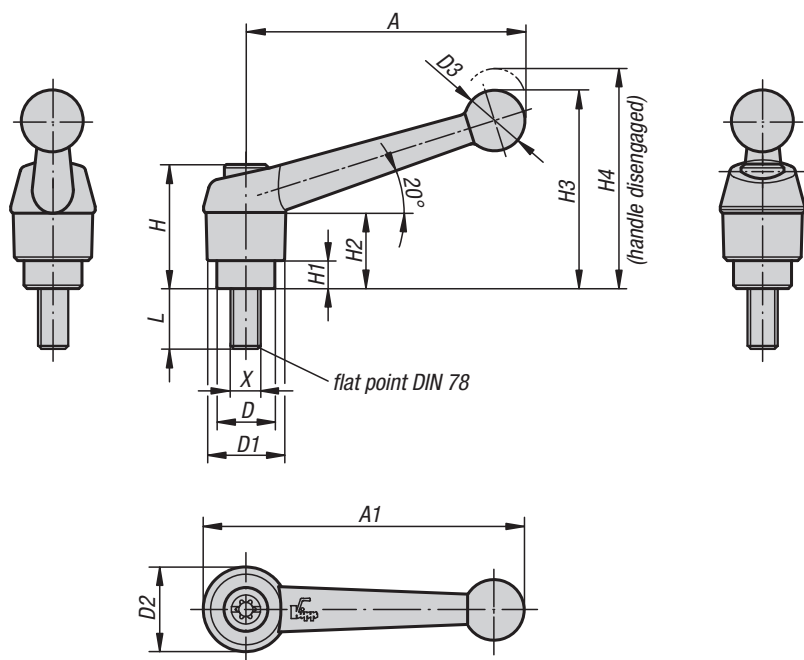
Note:

Standard colors are:
black satin finish, silver metallic.

On request:

Other external threads, screw lengths, colors and
special versions.

Dimension "H1" can be produced in other lengths at
an additional charge.



lift to
disengage



KIPP Measurements, external thread

Size	X	D	D1	D2	D3	H	H1	H2	H3	H4	A	A1	No. of teeth
1	10-24 / M5	10	13	14	10.5	24.5	4	15	32.5	35.5	39	46	16
1	10-32	10	13	14	10.5	24.5	4	15	32.5	35.5	39	46	16
1	1/4-20 / M6	10	13	14	10.5	24.5	4	15	32.5	35.5	39	46	16
2	1/4-20 / M6	13.5	18	18.5	15.5	28.5	6.5	16.5	45.5	49.5	64	73	20
2	5/16-18 / M8	13.5	18	18.5	15.5	28.5	6.5	16.5	45.5	49.5	64	73	20
2	3/8-16 / M10	13.5	18	18.5	15.5	28.5	6.5	16.5	45.5	49.5	64	73	20
3	5/16-18 / M8	16	21	22	17	37	10	23	57.5	61.5	79	90	22
3	3/8-16 / M10	16	21	22	17	37	10	23	57.5	61.5	79	90	22
4	1/2-13 / M12	19	25	26	19	42.5	10	26	67	72	95	108	24
5	5/8-11 / M16	23	30	31	22	49	12	32	79	84	110	126	26

Adjustable Handles

Classic Ball Style, Zinc, bolts and internal components in stainless steel, external thread



KIPP Adjustable Handles, Classic Ball Style, Zinc, with external thread, components in stainless steel, inch

Item No. black satin finish	Item No. silver metallic	Size	X	L
K0117.1A01X	K0117.1A03X	1	10-24	15/20/25
K0117.1A11X	K0117.1A13X	1	10-32	15/20/25
K0117.1A21X	K0117.1A23X	1	1/4-20	10/15/20/25/30/40/50
K0117.2A21X	K0117.2A23X	2	1/4-20	15/20/25/30/40/50/60
K0117.2A31X	K0117.2A33X	2	5/16-18	15/20/25/30/40/50/60
K0117.2A41X	K0117.2A43X	2	3/8-16	20/25/30/40/50/60
K0117.3A31X	K0117.3A33X	3	5/16-18	20/25/30/40/50/60
K0117.3A41X	K0117.3A43X	3	3/8-16	20/25/30/40/50/60
K0117.4A51X	K0117.4A53X	4	1/2-13	25/30/40/50/60
K0117.5A61X	K0117.5A63X	5	5/8-11	30/40/50/60

KIPP Adjustable Handles, Classic Ball Style, Zinc, with external thread, components in stainless steel, metric

Item No. black satin finish	Item No. silver metallic	Size	X	L
K0117.1051X	K0117.1053X	1	M5	10/15/20/25
K0117.1061X	K0117.1063X	1	M6	10/15/20/25/30/40/50
K0117.2061X	K0117.2063X	2	M6	15/20/25/30/40/50/60
K0117.2081X	K0117.2083X	2	M8	15/20/25/30/40/50/60
K0117.2101X	K0117.2103X	2	M10	20/25/30/40/50/60
K0117.3081X	K0117.3083X	3	M8	20/25/30/40/50/60
K0117.3101X	K0117.3103X	3	M10	20/25/30/40/50/60
K0117.4121X	K0117.4123X	4	M12	25/30/40/50/60
K0117.5161X	K0117.5163X	5	M16	30/40/50/60

Adjustable Handles

Classic Ball Style, Steel, internal thread



INCH
Parts

METRIC
Parts



Material:

Handle 1.0401.

All other steel parts quality class 5.8.

Type:

Handle painted silver-gray with hammertone finish, steel parts black oxide finish.

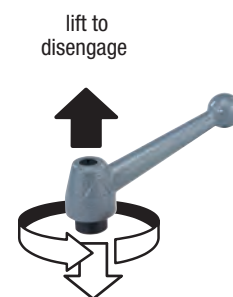
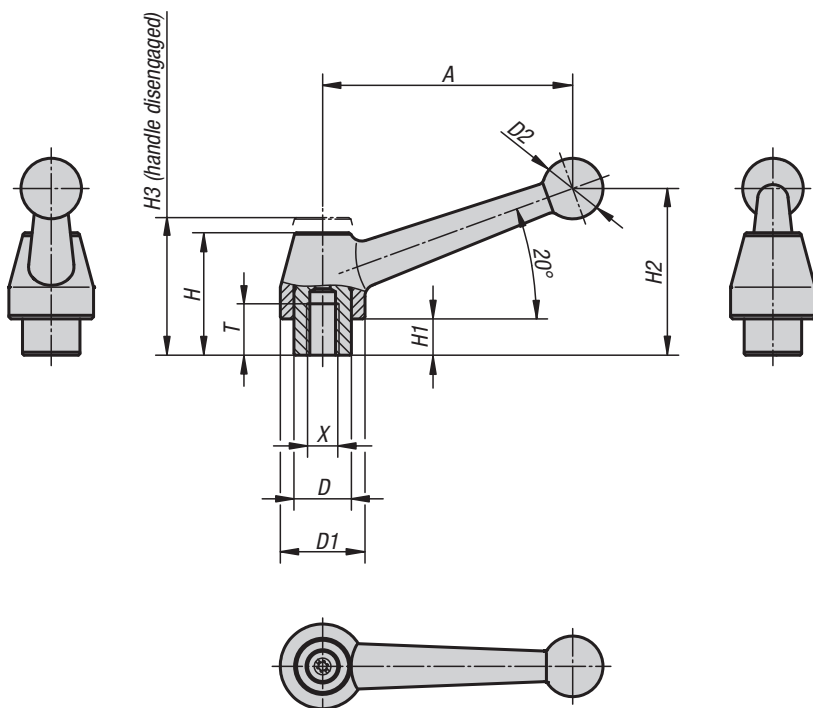
Part Number Example:

K0120.1A3

On request:

Other internal threads and special versions.

Dimension "H1" can be produced in other lengths at an additional charge.



KIPP Adjustable Handles, Classic Ball Style, with internal thread, inch

Item No.	Version	Size	X	T	D	D1	D2	H	H1	H2	H3	A	No. of teeth
K0120.1A3	silver-gray steel	1	5/16-18	17	19	28	20	41	12	54	49	83	24
K0120.1A4	silver-gray steel	1	3/8-16	17	19	28	20	41	12	54	49	83	24
K0120.1A5	silver-gray steel	1	1/2-13	17	19	28	20	41	12	54	49	83	24
K0120.2A5	silver-gray steel	2	1/2-13	23	23	35	25	50	12	69	56	108	26
K0120.2A6	silver-gray steel	2	5/8-11	23	23	35	25	50	12	69	56	108	26
K0120.3A6	silver-gray steel	3	5/8-11	27	30	43	30	58.5	12	78	65	132	36
K0120.3A7	silver-gray steel	3	3/4-10	27	30	43	30	58.5	12	78	65	132	36

KIPP Adjustable Handles, Classic Ball Style, with internal thread, metric

Item No.	Version	Size	X	T	D	D1	D2	H	H1	H2	H3	A	No. of teeth
K0120.108	silver-gray steel	1	M8	17	19	28	20	41	12	54	49	83	24
K0120.110	silver-gray steel	1	M10	17	19	28	20	41	12	54	49	83	24
K0120.112	silver-gray steel	1	M12	17	19	28	20	41	12	54	49	83	24
K0120.212	silver-gray steel	2	M12	23	23	35	25	50	12	69	56	108	26
K0120.216	silver-gray steel	2	M16	23	23	35	25	50	12	69	56	108	26
K0120.316	silver-gray steel	3	M16	27	30	43	30	58,5	12	78	65	132	36
K0120.320	silver-gray steel	3	M20	27	30	43	30	58,5	12	78	65	132	36

Adjustable Handles

Classic Ball Style, Steel, external thread

INCH
Parts

METRIC
Parts



Material:

Handle 1.0401.

All other steel parts quality class 5.8.

Type:

Handle painted silver-gray with hammertone finish, steel parts black oxide finish.

Part Number Example:

K0120.1A4X20

(include length L)

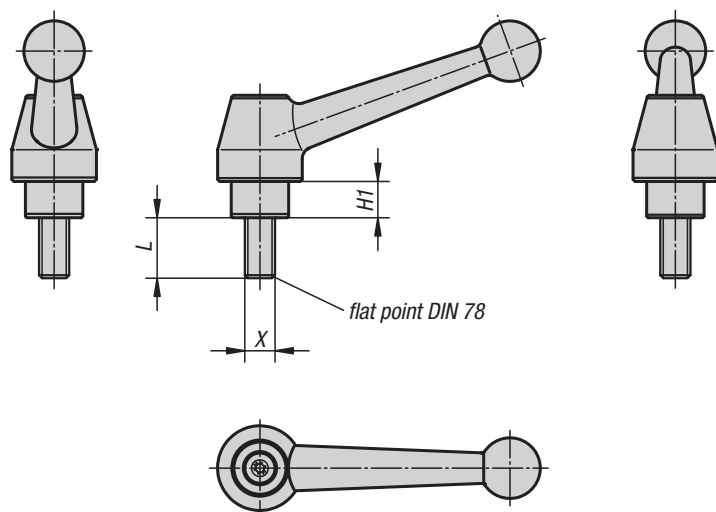
Note:

For other dimensions see adjustable handles with internal thread.

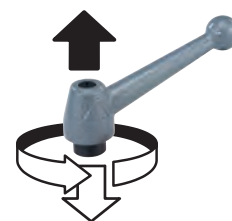
On request:

Other external threads, screw lengths and special versions.

Dimension "H1" can be produced in other lengths at an additional charge.



lift to
disengage



KIPP Adjustable Handles, Classic Ball Style, with external thread, inch

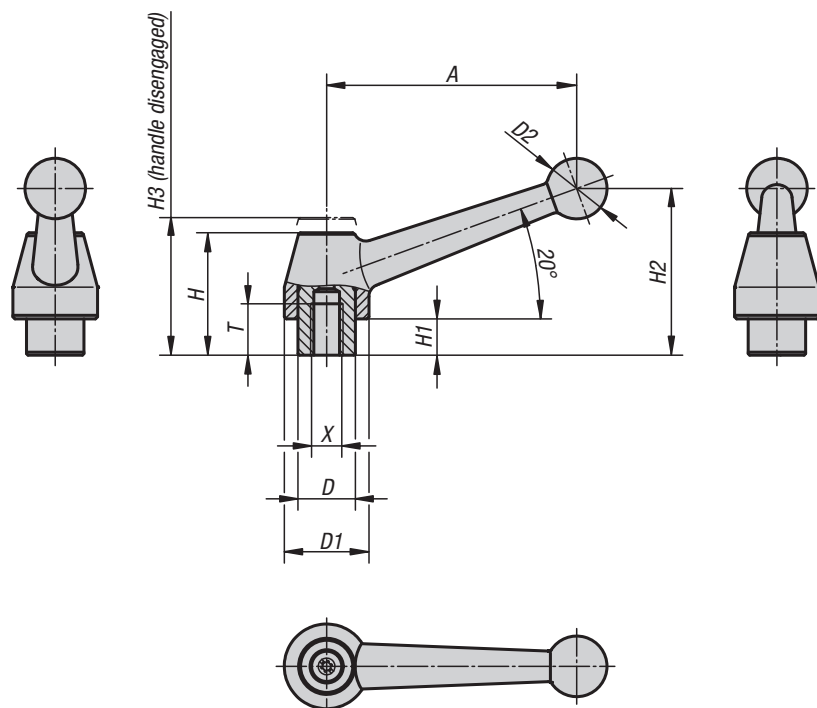
Item No.	Version	Size	X	H1	L
K0120.1A4X	silver-gray steel	1	3/8-16	12	20/30/40/45/50/60
K0120.1A5X	silver-gray steel	1	1/2-13	12	20/30/40/45/50/60
K0120.2A5X	silver-gray steel	2	1/2-13	12	25/30/40/45/50/60
K0120.2A6X	silver-gray steel	2	5/8-11	12	25/30/40/45/50/60
K0120.3A6X	silver-gray steel	3	5/8-11	12	30/40/50/60
K0120.3A7X	silver-gray steel	3	3/4-10	12	30/40/50/60

KIPP Adjustable Handles, Classic Ball Style, with external thread, metric

Item No.	Version	Size	X	H1	L
K0120.110X	silver-gray steel	1	M10	12	20/25/30/35/40/45/50/55/60/70/80/90
K0120.112X	silver-gray steel	1	M12	12	20/25/30/35/40/45/50/55/60/70/80/90
K0120.212X	silver-gray steel	2	M12	12	25/30/35/40/45/50/55/60/70/80/90
K0120.216X	silver-gray steel	2	M16	12	25/30/35/40/45/50/55/60/70/80/90
K0120.316X	silver-gray steel	3	M16	12	30/40/50/60/70/80/90
K0120.320X	silver-gray steel	3	M20	12	30/40/50/60/70/80/90

Adjustable Handles

Classic Ball Style, Stainless steel components, internal thread



Material:

Handle in stainless steel 1.4308;
all other steel parts stainless steel 1.4305

Type:

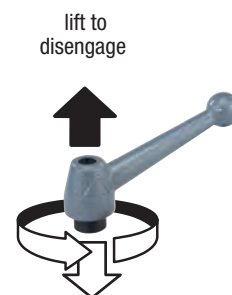
Handle in stainless steel electrolytic-polish.
Steel parts natural finish.

Part Number Example:

K0121.11A3

On request:

Other internal threads and special versions.
Dimension "H1" can be produced in other
lengths at an additional charge.



KIPP Adjustable Handles, Classic Ball Style, with internal thread, inch

Item No.	Version	Size	X	T	D	D1	D2	H	H1	H2	H3	A	No. of teeth
K0121.11A3	electrolytic-polish stainless steel	1	5/16-18	17	19	28	20	41	12	54	49	83	24
K0121.11A4	electrolytic-polish stainless steel	1	3/8-16	17	19	28	20	41	12	54	49	83	24
K0121.11A5	electrolytic-polish stainless steel	1	1/2-13	17	19	28	20	41	12	54	49	83	24

KIPP Adjustable Handles, Classic Ball Style, with internal thread, metric

Item No.	Version	Size	X	T	D	D1	D2	H	H1	H2	H3	A	No. of teeth
K0121.1108	electrolytic-polish stainless steel	1	M8	17	19	28	20	41	12	54	49	83	24
K0121.1110	electrolytic-polish stainless steel	1	M10	17	19	28	20	41	12	54	49	83	24
K0121.1112	electrolytic-polish stainless steel	1	M12	17	19	28	20	41	12	54	49	83	24

Adjustable Handles

Classic Ball Style, Stainless steel components, external thread



Material:

Handle in stainless steel 1.4308;
all other steel parts stainless steel 1.4305

Type:

Handle in stainless steel electrolytic-polish.
Steel parts natural finish.

Part Number Example:

K0121.11A4X20
(include length L)

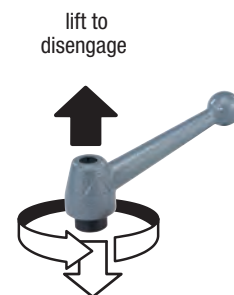
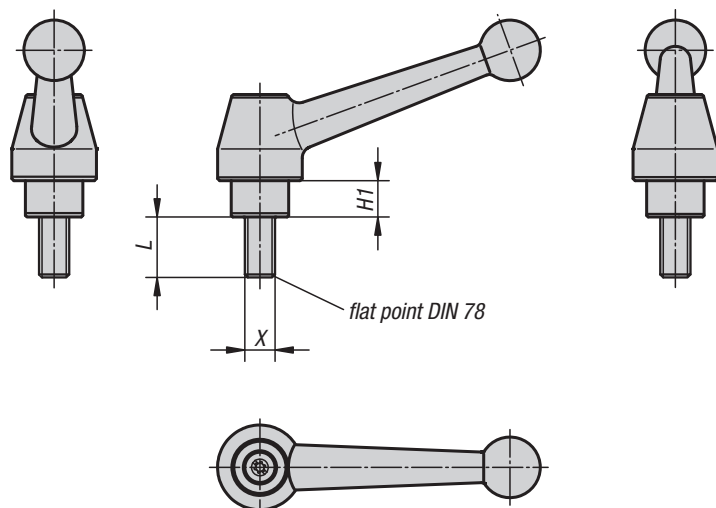
Note:

For other dimensions see adjustable handles
with internal thread.

On request:

Other external threads, screw lengths and
special versions.

Dimension "H1" can be produced in other
lengths at an additional charge.



KIPP Adjustable Handles, Classic Ball Style, with external thread, inch

Item No.	Version	Size	X	H1	L
K0121.11A4X	electrolytic-polish stainless steel	1	3/8-16	12	20/30/40/45/50/60
K0121.11A5X	electrolytic-polish stainless steel	1	1/2-13	12	20/30/40/45/50/60

KIPP Adjustable Handles, Classic Ball Style, with external thread, metric

Item No.	Version	Size	X	H1	L
K0121.1110X	electrolytic-polish stainless steel	1	M10	12	25/30/40/50/60
K0121.1112X	electrolytic-polish stainless steel	1	M12	12	25/30/40/50/60

Adjustable Handles

Modern Design Style, Zinc, inserts and internal components in steel, internal thread

METRIC
Parts

INCH
Parts



Material:

Handle die-cast zinc DIN 12844.
Steel parts quality class 5.8.

Type:

Handle powder-coated, except high-polished chromium plated versions, steel parts black oxide finish

Part Number Example:

K0122.0AD1
(handle color black satin finish)

Note:

Δ Add the desired lever color here.

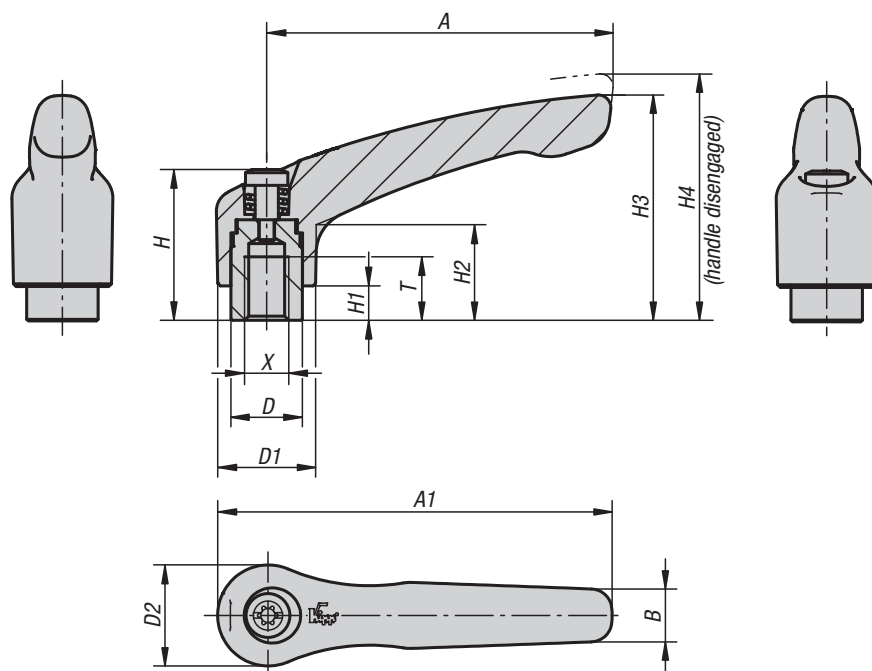
Standard colors are:

black satin finish, orange RAL 2004, ruby red RAL 3003, silver metallic, high gloss chromate.

On request:

Other internal threads, colors and special versions.

Dimension "H1" can be produced in other lengths at an additional charge.



lift to
disengage



black satin finish Δ = 1



orange Δ = 2



RAL 2004

ruby red Δ = 27



RAL 3003

silver metallic Δ = 3



high-polish chromium-plated Δ = 6



Adjustable Handles

Modern Design Style, Zinc, inserts and internal components in steel, internal thread



KIPP Adjustable Handles, Modern Design Style, Zinc, with internal thread, components in steel, inch

Item No.	Size	X	T	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth
K0122.0A0Δ	0	6-32	9	10	13	14	24.5	4	14.5	30	33	30	37	7	16
K0122.0A0EΔ	0	8-32	9	10	13	14	24.5	4	14.5	30	33	30	37	7	16
K0122.0A0Δ	0	10-24	9	10	13	14	24.5	4	14.5	30	33	30	37	7	16
K0122.0A1Δ	0	10-32	9	10	13	14	24.5	4	14.5	30	33	30	37	7	16
K0122.0A2Δ	0	1/4-20	9	10	13	14	24.5	4	14.5	30	33	30	37	7	16
K0122.1A0EΔ	1	8-32	9	10	13	14	24.5	4	14.5	31	34	40	47	7	16
K0122.1A0Δ	1	10-24	9	10	13	14	24.5	4	14.5	31	34	40	47	7	16
K0122.1A1Δ	1	10-32	9	10	13	14	24.5	4	14.5	31	34	40	47	7	16
K0122.1A2Δ	1	1/4-20	9	10	13	14	24.5	4	14.5	31	34	40	47	7	16
K0122.2A2Δ	2	1/4-20	12	13.5	18.5	19	28.5	6.5	17.5	42.5	45.5	65	74.5	9.5	20
K0122.2A3Δ	2	5/16-18	12	13.5	18.5	19	28.5	6.5	17.5	42.5	45.5	65	74.5	9.5	20
K0122.3A3Δ	3	5/16-18	14	16	21	22	37	10	24	54.5	58.5	80	91	11	22
K0122.3A4Δ	3	3/8-16	14	16	21	22	37	10	24	54.5	58.5	80	91	11	22
K0122.4A4Δ	4	3/8-16	17	19	27	27.5	43	10	27	63	67.5	95	109	13	24
K0122.4A5Δ	4	1/2-13	17	19	27	27.5	43	10	27	63	67.5	95	109	13	24
K0122.5A5Δ	5	1/2-13	23	23	31	32	49	12	31.5	73	77.5	110	126	15	26
K0122.5A6Δ	5	5/8-11	23	23	31	32	49	12	31.5	73	77.5	110	126	15	26

KIPP Adjustable Handles, Modern Design Style, Zinc, with internal thread, components in steel, metric

Item No.	Size	X	T	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth
K0122.003Δ	0	M3	9	10	13	14	24,5	4	14,5	30	33	30	37	7	16
K0122.004Δ	0	M4	9	10	13	14	24,5	4	14,5	30	33	30	37	7	16
K0122.005Δ	0	M5	9	10	13	14	24,5	4	14,5	30	33	30	37	7	16
K0122.104Δ	1	M4	9	10	13	14	24,5	4	14,5	31	34	40	47	7	16
K0122.105Δ	1	M5	9	10	13	14	24,5	4	14,5	31	34	40	47	7	16
K0122.106Δ	1	M6	9	10	13	14	24,5	4	14,5	31	34	40	47	7	16
K0122.206Δ	2	M6	12	13,5	18,5	19	28,5	6,5	17,5	42,5	45,5	65	74,5	9,5	20
K0122.208Δ	2	M8	12	13,5	18,5	19	28,5	6,5	17,5	42,5	45,5	65	74,5	9,5	20
K0122.308Δ	3	M8	14	16	21	22	37	10	24	54,5	58,5	80	91	11	22
K0122.310Δ	3	M10	14	16	21	22	37	10	24	54,5	58,5	80	91	11	22
K0122.410Δ	4	M10	17	19	27	27,5	43	10	27	63	67,5	95	109	13	24
K0122.412Δ	4	M12	17	19	27	27,5	43	10	27	63	67,5	95	109	13	24
K0122.512Δ	5	M12	23	23	31	32	49	12	31,5	73	77,5	110	126	15	26
K0122.516Δ	5	M16	23	23	31	32	49	12	31,5	73	77,5	110	126	15	26

Adjustable Handles

Modern Design Style, Zinc, bolts and internal components in steel, external thread

INCH
Parts

METRIC
Parts



Material:

Handle die-cast zinc DIN 12844.
Steel parts quality class 5.8.

Type:

Handle powder-coated, except high-polished chromium plated versions, steel parts black oxide finish

Part Number Example:

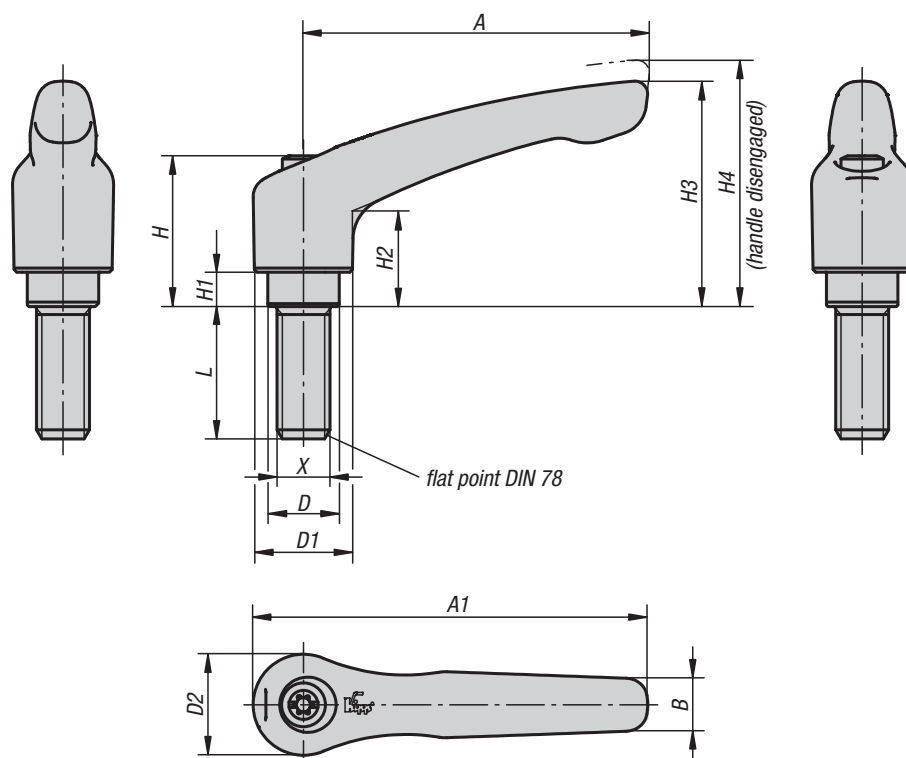
K0122.0AE1X10
(handle color black satin finish;
include length L)

Note:

Δ Add the desired handle color here

On request:

Other external threads, screw lengths, colors and special versions.
Dimension "H1" can be produced in other lengths at an additional charge.



black satin finish Δ = 1



orange Δ = 2



RAL 2004

ruby red Δ = 27



RAL 3003

silver metallic Δ = 3



high-polish chromium-plated Δ = 6



Adjustable Handles

Modern Design Style, Zinc, bolts and internal components in steel, external thread

KIPP Adjustable Handles, Modern Design Style, Zinc, with external thread, components in steel, inch

Item No.	Size	X	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth	L
K0122.0AEΔX	0	8-32	10	13	14	24.5	4	14.5	30	33	30	37	7	16	10/15/20/25/30/35/40/45/50
K0122.0A0ΔX	0	10-24	10	13	14	24.5	4	14.5	30	33	30	37	7	16	10/15/20/25/30/35/40/45/50
K0122.0A1ΔX	0	10-32	10	13	14	24.5	4	14.5	30	33	30	37	7	16	10/15/20/25/30/35/40/45/50
K0122.0A2ΔX	0	1/4-20	10	13	14	24.5	4	14.5	30	33	30	37	7	16	10/15/20/25/30/35/40/45/50
K0122.1A0ΔX	1	10-24	10	13	14	24.5	4	14.5	31	34	40	47	7	16	10/15/20/25/30/35/40/45/50
K0122.1A1ΔX	1	10-32	10	13	14	24.5	4	14.5	31	34	40	47	7	16	10/15/20/25/30/35/40/45/50
K0122.1A2ΔX	1	1/4-20	10	13	14	24.5	4	14.5	31	34	40	47	7	16	10/15/20/25/30/35/40/45/50
K0122.2A2ΔX	2	1/4-20	13.5	18.5	19	28.5	6.5	17.5	42.5	45.5	65	74.5	9.5	20	15/20/25/30/35/40/45/50/55/60
K0122.2A3ΔX	2	5/16-18	13.5	18.5	19	28.5	6.5	17.5	42.5	45.5	65	74.5	9.5	20	15/20/25/30/35/40/45/50/55/60
K0122.2A4ΔX	2	3/8-16	13.5	18.5	19	28.5	6.5	17.5	42.5	45.5	65	74.5	9.5	20	15/20/25/30/35/40/45/50/55/60
K0122.3A3ΔX	3	5/16-18	16	21	22	37	10	24	54.5	58.5	80	91	11	22	15/20/25/30/35/40/45/50/55/60
K0122.3A4ΔX	3	3/8-16	16	21	22	37	10	24	54.5	58.5	80	91	11	22	15/20/25/30/35/40/45/50/55/60
K0122.4A4ΔX	4	3/8-16	19	27	27.5	43	10	27	63	67.5	95	109	13	24	20/25/30/35/40/45/50/55/60/70/80/90
K0122.4A5ΔX	4	1/2-13	19	27	27.5	43	10	27	63	67.5	95	109	13	24	20/25/30/35/40/45/50/55/60/70/80/90
K0122.5A5ΔX	5	1/2-13	23	31	32	49	12	31.5	73	77.5	110	126	15	26	25/30/35/40/45/50/55/60/70/80/90
K0122.5A6ΔX	5	5/8-11	23	31	32	49	12	31.5	73	77.5	110	126	15	26	25/30/35/40/45/50/55/60/70/80/90

KIPP Adjustable Handles, Modern Design Style, Zinc, with external thread, components in steel, metric

Item No.	Size	X	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth	L
K0122.004ΔX	0	M4	10	13	14	24,5	4	14,5	30	33	30	37	7	16	10/15/20/25/30/35/40/45/50
K0122.005ΔX	0	M5	10	13	14	24,5	4	14,5	30	33	30	37	7	16	10/15/20/25/30/35/40/45/50
K0122.105ΔX	1	M5	10	13	14	24,5	4	14,5	31	34	40	47	7	16	10/15/20/25/30/35/40/45/50
K0122.106ΔX	1	M6	10	13	14	24,5	4	14,5	31	34	40	47	7	16	10/15/20/25/30/35/40/45/50
K0122.206ΔX	2	M6	13,5	18,5	19	28,5	6,5	17,5	42,5	45,5	65	74,5	9,5	20	15/20/25/30/35/40/45/50/55/60
K0122.208ΔX	2	M8	13,5	18,5	19	28,5	6,5	17,5	42,5	45,5	65	74,5	9,5	20	15/20/25/30/35/40/45/50/55/60
K0122.210ΔX	2	M10	13,5	18,5	19	28,5	6,5	17,5	42,5	45,5	65	74,5	9,5	20	15/20/25/30/35/40/45/50/55/60
K0122.308ΔX	3	M8	16	21	22	37	10	24	54,5	58,5	80	91	11	22	15/20/25/30/35/40/45/50/55/60
K0122.310ΔX	3	M10	16	21	22	37	10	24	54,5	58,5	80	91	11	22	15/20/25/30/35/40/45/50/55/60
K0122.410ΔX	4	M10	19	27	27,5	43	10	27	63	67,5	95	109	13	24	20/25/30/35/40/45/50/55/60/70/80/90
K0122.412ΔX	4	M12	19	27	27,5	43	10	27	63	67,5	95	109	13	24	20/25/30/35/40/45/50/55/60/70/80/90
K0122.512ΔX	5	M12	23	31	32	49	12	31,5	73	77,5	110	126	15	26	25/30/35/40/45/50/55/60/70/80/90
K0122.516ΔX	5	M16	23	31	32	49	12	31,5	73	77,5	110	126	15	26	25/30/35/40/45/50/55/60/70/80/90

Adjustable Handles

Modern Design Style, Zinc, inserts and internal components stainless steel, internal thread

INCH
Parts

METRIC
Parts



Material:

Handle die-cast zinc DIN 12844.
Steel parts stainless steel 1.4305.

Type:

Handle powder-coated, except high-polished chromium plated versions, steel parts natural finish

Part Number Example:

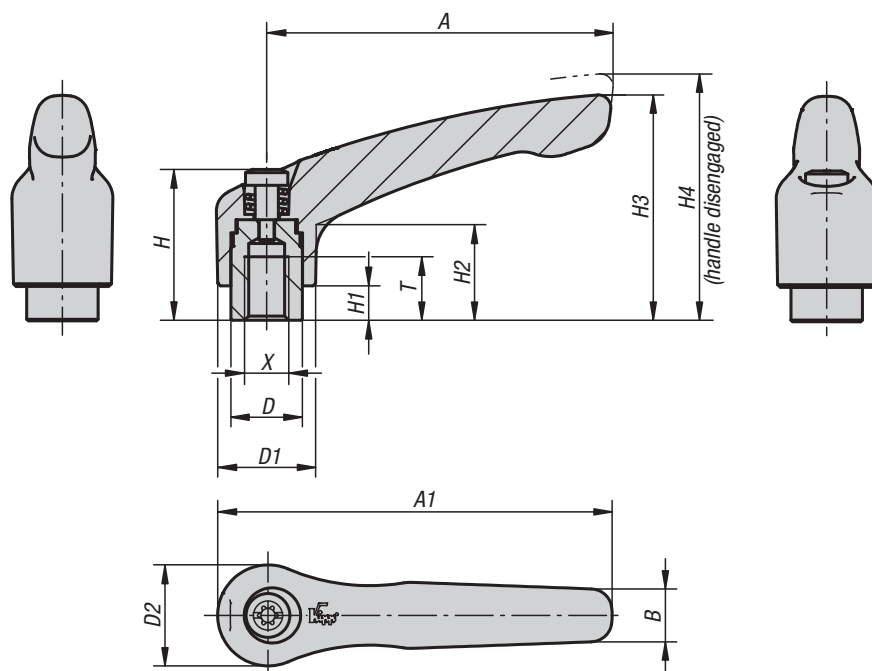
K0123.0AD1
(handle color black satin finish)

Note:

Δ Add the desired handle color here

On request:

Other internal threads, colors and special versions.
Dimension "H1" can be produced in other lengths at an additional charge.



black satin finish Δ = 1



orange Δ = 2



RAL 2004

ruby red Δ = 27



RAL 3003

silver metallic Δ = 3



high-polish chromium-plated Δ = 6



Adjustable Handles

Modern Design Style, Zinc, inserts and internal components stainless steel, internal thread



KIPP Adjustable Handles, Modern Design Style, Zinc, with internal thread, components in stainless steel, inch

Item No.	Size	X	T	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth
K0123.0A0Δ	0	6-32	9	10	13	14	24.5	4	14.5	30	33	30	37	7	16
K0123.0A0EΔ	0	8-32	9	10	13	14	24.5	4	14.5	30	33	30	37	7	16
K0123.0A0Δ	0	10-24	9	10	13	14	24.5	4	14.5	30	33	30	37	7	16
K0123.0A1Δ	0	10-32	9	10	13	14	24.5	4	14.5	30	33	30	37	7	16
K0123.0A2Δ	0	1/4-20	9	10	13	14	24.5	4	14.5	30	33	30	37	7	16
K0123.1A0Δ	1	10-24	9	10	13	14	24.5	4	14.5	31	34	40	47	7	16
K0123.1A1Δ	1	10-32	9	10	13	14	24.5	4	14.5	31	34	40	47	7	16
K0123.1A2Δ	1	1/4-20	9	10	13	14	24.5	4	14.5	31	34	40	47	7	16
K0123.2A2Δ	2	1/4-20	12	13.5	18.5	19	28.5	6.5	17.5	42.5	45.5	65	74.5	9.5	20
K0123.2A3Δ	2	5/16-18	12	13.5	18.5	19	28.5	6.5	17.5	42.5	45.5	65	74.5	9.5	20
K0123.3A3Δ	3	5/16-18	14	16	21	22	37	10	24	54.5	58.5	80	91	11	22
K0123.3A4Δ	3	3/8-16	14	16	21	22	37	10	24	54.5	58.5	80	91	11	22
K0123.4A4Δ	4	3/8-16	17	19	27	27.5	43	10	27	63	67.5	95	109	13	24
K0123.4A5Δ	4	1/2-13	17	19	27	27.5	43	10	27	63	67.5	95	109	13	24
K0123.5A5Δ	5	1/2-13	23	23	31	32	49	12	31.5	73	77.5	110	126	15	26
K0123.5A6Δ	5	5/8-11	23	23	31	32	49	12	31.5	73	77.5	110	126	15	26

KIPP Adjustable Handles, Modern Design Style, Zinc, with internal thread, components in stainless steel, metric

Item No.	Size	X	T	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth
K0123.003Δ	0	M3	9	10	13	14	24,5	4	14,5	30	33	30	37	7	16
K0123.004Δ	0	M4	9	10	13	14	24,5	4	14,5	30	33	30	37	7	16
K0123.005Δ	0	M5	9	10	13	14	24,5	4	14,5	30	33	30	37	7	16
K0123.104Δ	1	M4	9	10	13	14	24,5	4	14,5	31	34	40	47	7	16
K0123.105Δ	1	M5	9	10	13	14	24,5	4	14,5	31	34	40	47	7	16
K0123.106Δ	1	M6	9	10	13	14	24,5	4	14,5	31	34	40	47	7	16
K0123.206Δ	2	M6	12	13,5	18,5	19	28,5	6,5	17,5	42,5	45,5	65	74,5	9,5	20
K0123.208Δ	2	M8	12	13,5	18,5	19	28,5	6,5	17,5	42,5	45,5	65	74,5	9,5	20
K0123.308Δ	3	M8	14	16	21	22	37	10	24	54,5	58,5	80	91	11	22
K0123.310Δ	3	M10	14	16	21	22	37	10	24	54,5	58,5	80	91	11	22
K0123.410Δ	4	M10	17	19	27	27,5	43	10	27	63	67,5	95	109	13	24
K0123.412Δ	4	M12	17	19	27	27,5	43	10	27	63	67,5	95	109	13	24
K0123.512Δ	5	M12	23	23	31	32	49	12	31,5	73	77,5	110	126	15	26
K0123.516Δ	5	M16	23	23	31	32	49	12	31,5	73	77,5	110	126	15	26

Adjustable Handles

Modern Design Style, Zinc, bolts and internal components in stainless steel, external thread

INCH
Parts

METRIC
Parts



Material:

Handle die-cast zinc DIN 12844.
Steel parts stainless steel 1.4305.

Type:

Handle powder-coated, except high-polished chromium plated versions, steel parts natural finish

Part Number Example:

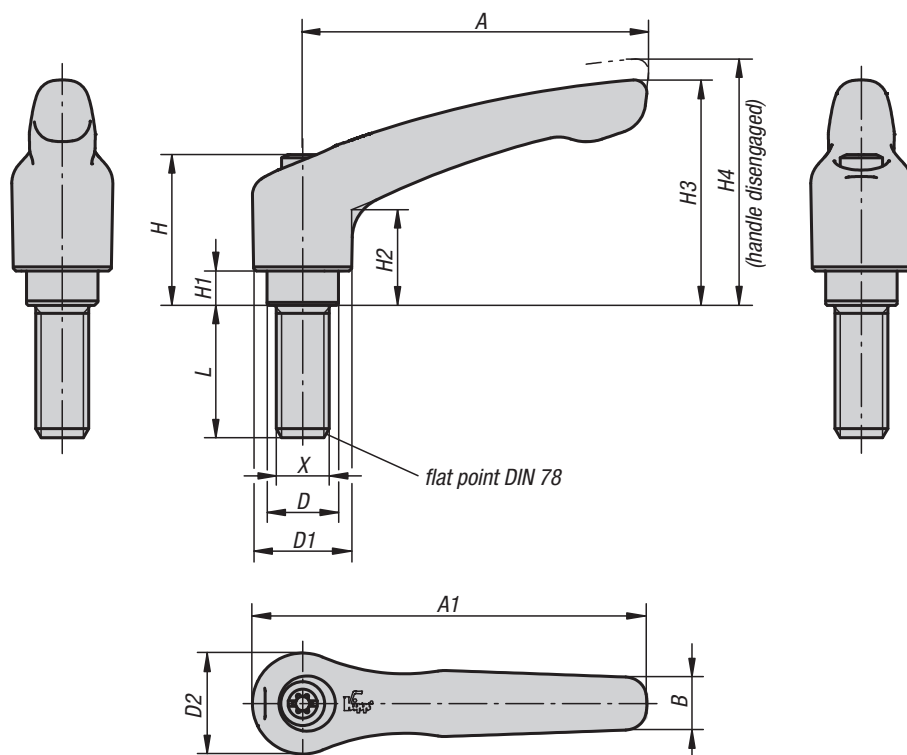
K0123.0AE1X10
(handle color black satin finish;
include length L)

Note:

Δ Add the desired handle color here

On request:

Other external threads, screw lengths, colors
and special versions.
Dimension „H1“ can be produced in other
lengths at an additional charge.



lift to
disengage



black satin finish Δ = 1



orange Δ = 2



RAL 2004

ruby red Δ = 27



RAL 3003

silver metallic Δ = 3



high-polish chromium-plated Δ = 6



Adjustable Handles

Modern Design Style, Zinc, bolts and internal components in stainless steel, external thread



KIPP Adjustable Handles, Modern Design Style, Zinc, with external thread, components in stainless steel, inch

Item No.	Size	X	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth	L
K0123.0AEΔX	0	8-32	10	13	14	24.5	4	14.5	30	33	30	37	7	16	10/15/20/25
K0123.0A0ΔX	0	10-24	10	13	14	24.5	4	14.5	30	33	30	37	7	16	10/15/20/25
K0123.0A1ΔX	0	10-32	10	13	14	24.5	4	14.5	30	33	30	37	7	16	10/15/20/25
K0123.0A2ΔX	0	1/4-20	10	13	14	24.5	4	14.5	30	33	30	37	7	16	10/15/20/25/30/40/50
K0123.1A0ΔX	1	10-24	10	13	14	24.5	4	14.5	31	34	40	47	7	16	15/20/25
K0123.1A1ΔX	1	10-32	10	13	14	24.5	4	14.5	31	34	40	47	7	16	15/20/25
K0123.1A2ΔX	1	1/4-20	10	13	14	24.5	4	14.5	31	34	40	47	7	16	10/15/20/25/30/40/50
K0123.2A2ΔX	2	1/4-20	13.5	18.5	19	28.5	6.5	17.5	42.5	45.5	65	74.5	9.5	20	15/20/25/30/40/50/60
K0123.2A3ΔX	2	5/16-18	13.5	18.5	19	28.5	6.5	17.5	42.5	45.5	65	74.5	9.5	20	15/20/25/30/40/50/60
K0123.2A4ΔX	2	3/8-16	13.5	18.5	19	28.5	6.5	17.5	42.5	45.5	65	74.5	9.5	20	20/25/30/40/50/60
K0123.3A3ΔX	3	5/16-18	16	21	22	37	10	24	54.5	58.5	80	91	11	22	20/25/30/40/50/60
K0123.3A4ΔX	3	3/8-16	16	21	22	37	10	24	54.5	58.5	80	91	11	22	20/25/30/40/50/60
K0123.4A5ΔX	4	1/2-13	19	27	27.5	43	10	27	63	67.5	95	109	13	24	25/30/40/50/60
K0123.5A6ΔX	5	5/8-11	23	31	32	49	12	31.5	73	77.5	110	126	15	26	30/40/50/60

KIPP Adjustable Handles, Modern Design Style, Zinc, with external thread, components in stainless steel, metric

Item No.	Size	X	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth	L
K0123.004ΔX	0	M4	10	13	14	24,5	4	14,5	30	33	30	37	7	16	10/15/20/25
K0123.005ΔX	0	M5	10	13	14	24,5	4	14,5	30	33	30	37	7	16	10/15/20/25
K0123.105ΔX	1	M5	10	13	14	24,5	4	14,5	31	34	40	47	7	16	10/15/20/25
K0123.106ΔX	1	M6	10	13	14	24,5	4	14,5	31	34	40	47	7	16	10/15/20/25/30/40/50
K0123.206ΔX	2	M6	13,5	18,5	19	28,5	6,5	17,5	42,5	45,5	65	74,5	9,5	20	15/20/25/30/40/50/60
K0123.208ΔX	2	M8	13,5	18,5	19	28,5	6,5	17,5	42,5	45,5	65	74,5	9,5	20	15/20/25/30/40/50/60
K0123.210ΔX	2	M10	13,5	18,5	19	28,5	6,5	17,5	42,5	45,5	65	74,5	9,5	20	20/25/30/40/50/60
K0123.308ΔX	3	M8	16	21	22	37	10	24	54,5	58,5	80	91	11	22	20/25/30/40/50/60
K0123.310ΔX	3	M10	16	21	22	37	10	24	54,5	58,5	80	91	11	22	20/25/30/40/50/60
K0123.412ΔX	4	M12	19	27	27,5	43	10	27	63	67,5	95	109	13	24	25/30/40/50/60
K0123.516ΔX	5	M16	23	31	32	49	12	31,5	73	77,5	110	126	15	26	30/40/50/60

Adjustable Handles with protective cap

Modern Design Style, Zinc, inserts and internal components in steel, internal thread

INCH
Parts

METRIC
Parts



Material:

Handle die-cast zinc DIN 12844.
Steel parts quality class 5.8.
Protective cap stainless steel, 1.4305.

Type:

Handle powder-coated;
steel parts black oxide finish;
protective cap in stainless steel, natural finish

Part Number Example:

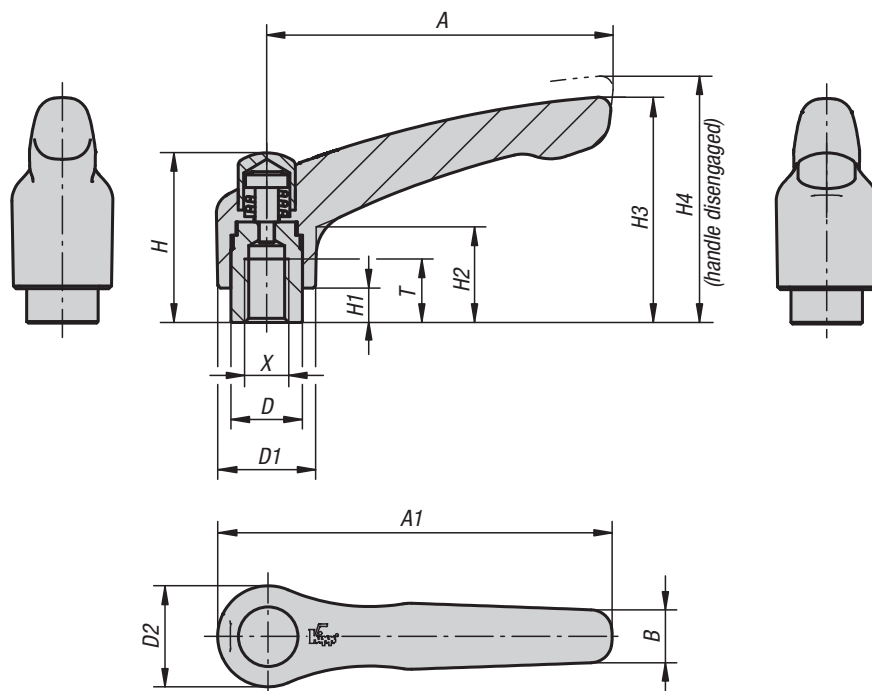
K0122.92A21

Note:

Standard colors are:
black satin finish, orange RAL 2004.

On request:

Other internal threads, colors and special versions.
Dimension "H1" can be produced in other lengths at an additional charge.



lift to
disengage



Adjustable Handles with protective cap

Modern Design Style, Zinc, inserts and internal components in steel, internal thread



KIPP Adjustable Handles with protective cap, Zinc, bolts and internal components in steel, internal thread, inch

Item No. black satin finish	Item No. orange	Size	X	T	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth
K0122.92A21	K0122.92A22	2	1/4-20	12	13.5	18.5	19	32	6.5	17.5	42.5	45.5	65	74.5	9.5	20
K0122.92A31	K0122.92A32	2	5/16-18	12	13.5	18.5	19	32	6.5	17.5	42.5	45.5	65	74.5	9.5	20
K0122.93A31	K0122.93A32	3	5/16-18	14	16	21	22	41.5	10	24	54.5	58.5	80	91	11	22
K0122.93A41	K0122.93A42	3	3/8-16	14	16	21	22	41.5	10	24	54.5	58.5	80	91	11	22

KIPP Adjustable Handles with protective cap, Zinc, bolts and internal components in steel, internal thread, metric

Item No. black satin finish	Item No. orange	Size	X	T	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth
K0122.92061	K0122.92062	2	M6	12	13,5	18,5	19	32	6,5	17,5	42,5	45,5	65	74,5	9,5	20
K0122.92081	K0122.92082	2	M8	12	13,5	18,5	19	32	6,5	17,5	42,5	45,5	65	74,5	9,5	20
K0122.93081	K0122.93082	3	M8	14	16	21	22	41,5	10	24	54,5	58,5	80	91	11	22
K0122.93101	K0122.93102	3	M10	14	16	21	22	41,5	10	24	54,5	58,5	80	91	11	22

Adjustable Handles with protective cap

Modern Design Style, Zinc, bolts and internal components in steel, external thread



Material:

Handle die-cast zinc DIN 12844.
Steel parts quality class 5.8.
Protective cap stainless steel, 1.4305.

Type:

Handle powder-coated;
steel parts black oxide finish;
protective cap stainless steel, natural finish

Part Number Example:

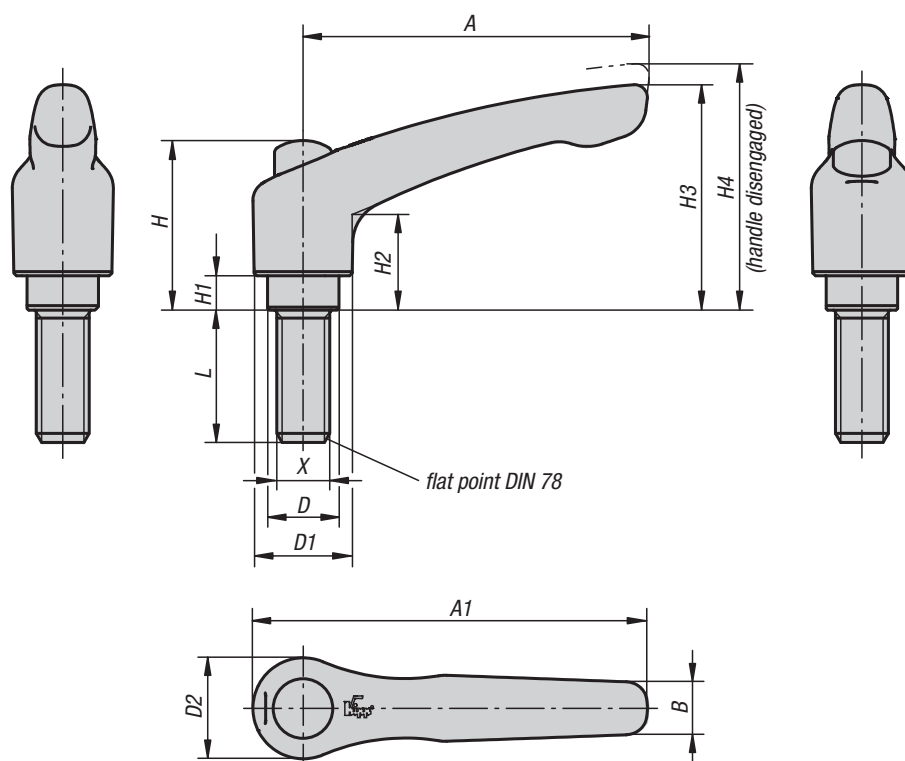
K0122.92A21X15
(include length L)

Note:

Standard colors are:
black satin finish, orange RAL 2004.

On request:

Other internal threads, colors and special versions.
Dimension "H1" can be produced in other lengths at an additional charge.



lift to
disengage



Adjustable Handles with protective cap

Modern Design Style, Zinc, bolts and internal components in steel, external thread



KIPP Measurements, external thread

Size	X	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth
2	1/4-20 ; 5/16-18 ; 3/8-16	13.5	18.5	19	32	6.5	17.5	42.5	45.5	65	74.5	9.5	20
3	5/16-18 ; 3/8-16	16	21	22	41.5	10	24	54.5	58.5	80	91	11	22
2	M6 ; M8 ; M10	13,5	18,5	19	32	6,5	17,5	42,5	45,5	65	74,5	9,5	20
3	M8 ; M10	16	21	22	41,5	10	24	54,5	58,5	80	91	11	22

KIPP Adjustable Handles with protective cap, Zinc, bolts and internal components in steel, external thread, inch

Item No. black satin finish	Item No. orange	Size	X	L
K0122.92A21X	K0122.92A22X	2	1/4-20	15/20/25/30/35/40/45/50/55/60
K0122.92A31X	K0122.92A32X	2	5/16-18	15/20/25/30/35/40/45/50/55/60
K0122.92A41X	K0122.92A42X	2	3/8-16	15/20/25/30/35/40/45/50/55/60
K0122.93A31X	K0122.93A32X	3	5/16-18	15/20/25/30/35/40/45/50/55/60
K0122.93A41X	K0122.93A42X	3	3/8-16	15/20/25/30/35/40/45/50/55/60

KIPP Adjustable Handles with protective cap, Zinc, bolts and internal components in steel, external thread, metric

Item No. black satin finish	Item No. orange	Size	X	L
K0122.92061X	K0122.92062X	2	M6	15/20/25/30/35/40/45/50/55/60
K0122.92081X	K0122.92082X	2	M8	15/20/25/30/35/40/45/50/55/60
K0122.92101X	K0122.92102X	2	M10	15/20/25/30/35/40/45/50/55/60
K0122.93081X	K0122.93082X	3	M8	15/20/25/30/35/40/45/50/55/60
K0122.93101X	K0122.93102X	3	M10	15/20/25/30/35/40/45/50/55/60

Adjustable Handles with protective cap

Modern Design Style, Zinc, inserts and internal components in stainless steel, internal thread



Material:

Handle in die cast zinc to DIN 12844;
steel parts in stainless steel, 1.4305;
protective cap in stainless steel, 1.4305

Type:

Handle powder-coated;
steel parts natural finish;
protective cap stainless steel, natural finish

Part Number Example:

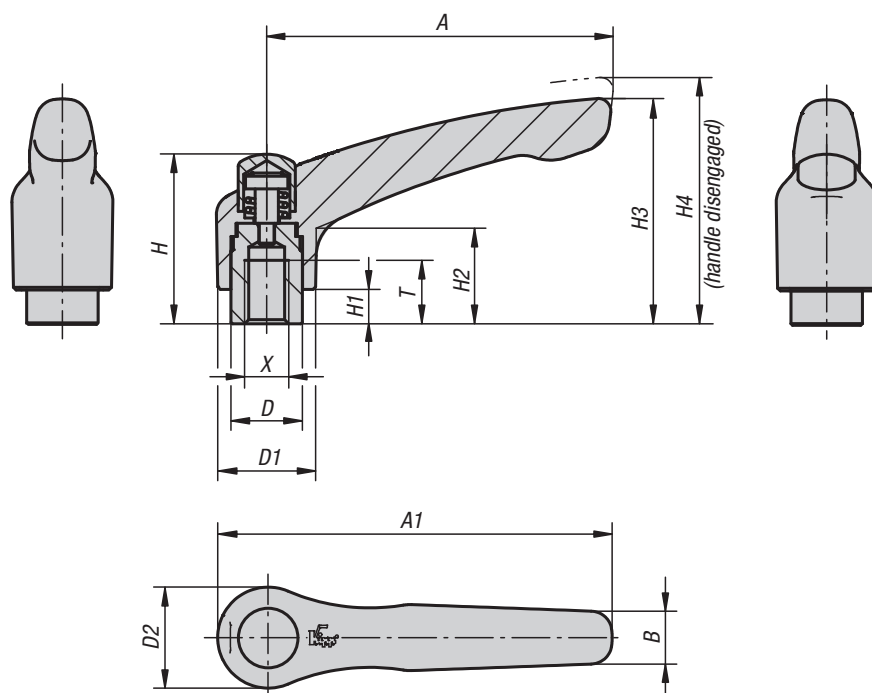
K0123.92A21

Note:

Standard colors are:
black satin finish, orange RAL 2004.

On request:

Other internal threads, colors and special versions.
Dimension "H1" can be produced in other lengths
at an additional charge.



lift to
disengage



Adjustable Handles with protective cap

Modern Design Style, Zinc, inserts and internal components in stainless steel, internal thread



KIPP Adjustable Handles with protective cap, inserts and internal components in stainless steel, internal thread, inch

Item No. black satin finish	Item No. orange	Size	X	T	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth
K0123.92A21	K0123.92A22	2	1/4-20	12	13.5	18.5	19	32	6.5	17.5	42.5	45.5	65	74.5	9.5	20
K0123.92A31	K0123.92A32	2	5/16-18	12	13.5	18.5	19	32	6.5	17.5	42.5	45.5	65	74.5	9.5	20
K0123.93A31	K0123.93A32	3	5/16-18	14	16	21	22	41.5	10	24	54.5	58.5	80	91	11	22
K0123.93A41	K0123.93A42	3	3/8-16	14	16	21	22	41.5	10	24	54.5	58.5	80	91	11	22

KIPP Adjustable Handles with protective cap, inserts and internal components in stainless steel, internal thread, metric

Item No. black satin finish	Item No. orange	Size	X	T	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth
K0123.92061	K0123.92062	2	M6	12	13,5	18,5	19	32	6,5	17,5	42,5	45,5	65	74,5	9,5	20
K0123.92081	K0123.92082	2	M8	12	13,5	18,5	19	32	6,5	17,5	42,5	45,5	65	74,5	9,5	20
K0123.93081	K0123.93082	3	M8	14	16	21	22	41,5	10	24	54,5	58,5	80	91	11	22
K0123.93101	K0123.93102	3	M10	14	16	21	22	41,5	10	24	54,5	58,5	80	91	11	22

Adjustable Handles with protective cap

Modern Design Style, Zinc, bolts and internal components in stainless steel, external thread

INCH
Parts

METRIC
Parts



Material:

Handle in die cast zinc to DIN 12844;
steel parts in stainless steel, 1.4305;
protective cap in stainless steel, 1.4305

Type:

Handle powder-coated;
steel parts natural finish;
protective cap stainless steel, natural finish

Part Number Example:

K0123.92A21X15
(include length L)

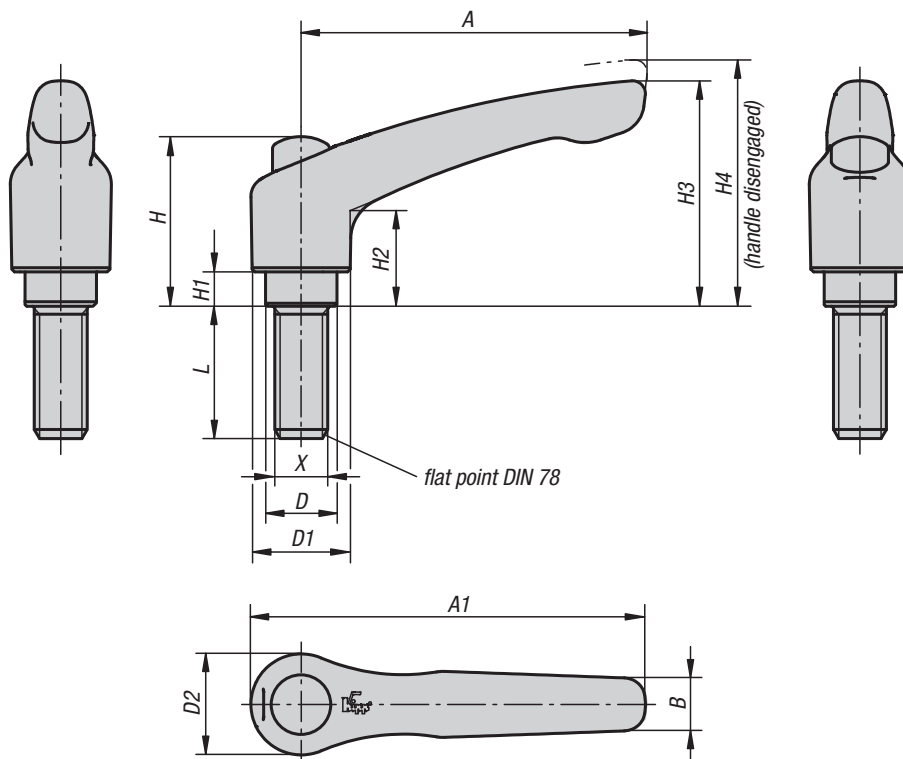
Note:

Standard colors are:
black satin finish, orange RAL 2004.

On request:

Other external threads, screw lengths, colors
and special versions.

Dimension "H1" can be produced in other
lengths at an additional charge.



lift to
disengage



Adjustable Handles with protective cap

Modern Design Style, Zinc, bolts and internal components in stainless steel, external thread



KIPP Measurements, external thread

Size	X	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth
2	1/4-20 ; 5/16-18 ; 3/8-16	13.5	18.5	19	32	6.5	17.5	42.5	45.5	65	74.5	9.5	20
3	5/16-18 ; 3/8-16	16	21	22	41.5	10	24	54.5	58.5	80	91	11	22
2	M6 ; M8 ; M10	13,5	18,5	19	32	6,5	17,5	42,5	45,5	65	74,5	9,5	20
3	M8 ; M10	16	21	22	41,5	10	24	54,5	58,5	80	91	11	22

KIPP Adjustable Handles with protective cap, Zinc, bolts and internal components in stainless steel, external thread, inch

Item No. black satin finish	Item No. orange	Size	X	L
K0123.92A21X	K0123.92A22X	2	1/4-20	15/20/25/30/40/50/60
K0123.92A31X	K0123.92A32X	2	5/16-18	15/20/25/30/40/50/60
K0123.92A41X	K0123.92A42X	2	3/8-16	20/25/30/40/50/60
K0123.93A31X	K0123.93A32X	3	5/16-18	20/25/30/40/50/60
K0123.93A41X	K0123.93A42X	3	3/8-16	20/25/30/40/50/60

KIPP Adjustable Handles with protective cap, Zinc, bolts and internal components in stainless steel, external thread, metric

Item No. black satin finish	Item No. orange	Size	X	L
K0123.92061X	K0123.92062X	2	M6	15/20/25/30/40/50/60
K0123.92081X	K0123.92082X	2	M8	15/20/25/30/40/50/60
K0123.92101X	K0123.92102X	2	M10	20/25/30/40/50/60
K0123.93081X	K0123.93082X	3	M8	20/25/30/40/50/60
K0123.93101X	K0123.93102X	3	M10	20/25/30/40/50/60

Adjustable Handles

Modern Design Style, stainless steel, internal thread



Material:

Handle in precision cast 1.4308,
other steel parts 1.4305

Type:

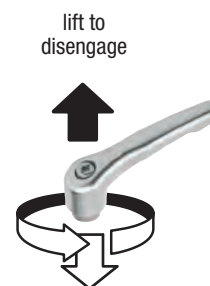
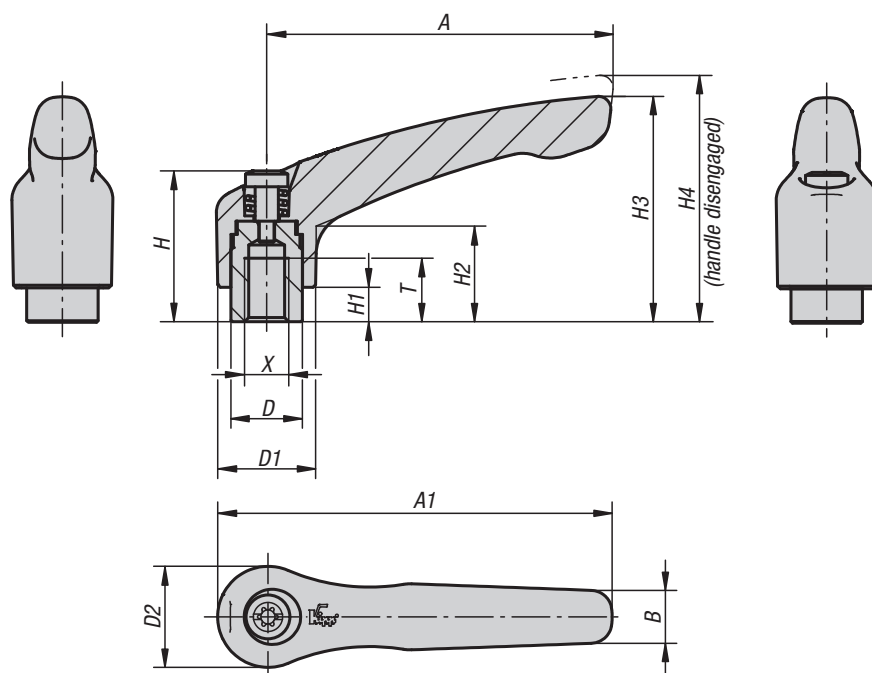
Handle electrolytic polished.
Steel parts natural finish.

Part Number Example:

K0124.1A0

On request:

Other internal threads and special versions.
Dimension "H1" can be produced in other
lengths at an additional charge.



Adjustable Handles

Modern Design Style, stainless steel, internal thread



KIPP Adjustable Handles, Modern Design Style, stainless steel, internal thread, inch

Item No.	Size	X	T	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth
K0124.1A0	1	10-24	9	10	13	14	24.5	4	14.5	31	34	40	47	7	16
K0124.1A1	1	10-32	9	10	13	14	24.5	4	14.5	31	34	40	47	7	16
K0124.1A2	1	1/4-20	9	10	13	14	24.5	4	14.5	31	34	40	47	7	16
K0124.2A2	2	1/4-20	12	13.5	18.5	19	28.5	6.5	17.5	42.5	45.5	65	74.5	10	20
K0124.2A3	2	5/16-18	12	13.5	18.5	19	28.5	6.5	17.5	42.5	45.5	65	74.5	10	20
K0124.3A3	3	5/16-18	14	16	21	22	37	10	24	54.5	58.5	80	91	11	22
K0124.3A4	3	3/8-16	14	16	21	22	37	10	24	54.5	58.5	80	91	11	22
K0124.4A4	4	3/8-16	17	19	27	27.5	43	10	27	63	67.5	95	109	13	24
K0124.4A5	4	1/2-13	17	19	27	27.5	43	10	27	63	67.5	95	109	13	24
K0124.5A5	5	1/2-13	23	23	31	32	49	12	31.5	73	77.5	110	126	15	26
K0124.5A6	5	5/8-11	23	23	31	32	49	12	31.5	73	77.5	110	126	15	26

KIPP Adjustable Handles, Modern Design Style, stainless steel, internal thread, metric

Item No.	Size	X	T	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth
K0124.104	1	M4	9	10	13	14	24,5	4	14,5	31	34	40	47	7	16
K0124.105	1	M5	9	10	13	14	24,5	4	14,5	31	34	40	47	7	16
K0124.106	1	M6	9	10	13	14	24,5	4	14,5	31	34	40	47	7	16
K0124.206	2	M6	12	13,5	18,5	19	28,5	6,5	17,5	42,5	45,5	65	74,5	10	20
K0124.208	2	M8	12	13,5	18,5	19	28,5	6,5	17,5	42,5	45,5	65	74,5	10	20
K0124.308	3	M8	14	16	21	22	37	10	24	54,5	58,5	80	91	11	22
K0124.310	3	M10	14	16	21	22	37	10	24	54,5	58,5	80	91	11	22
K0124.410	4	M10	17	19	27	27,5	43	10	27	63	67,5	95	109	13	24
K0124.412	4	M12	17	19	27	27,5	43	10	27	63	67,5	95	109	13	24
K0124.512	5	M12	23	23	31	32	49	12	31,5	73	77,5	110	126	15	26
K0124.516	5	M16	23	23	31	32	49	12	31,5	73	77,5	110	126	15	26

Adjustable Handles

Modern Design Style, stainless steel, external thread



Material:

Handle in precision cast 1.4308,
other steel parts 1.4305.

Type:

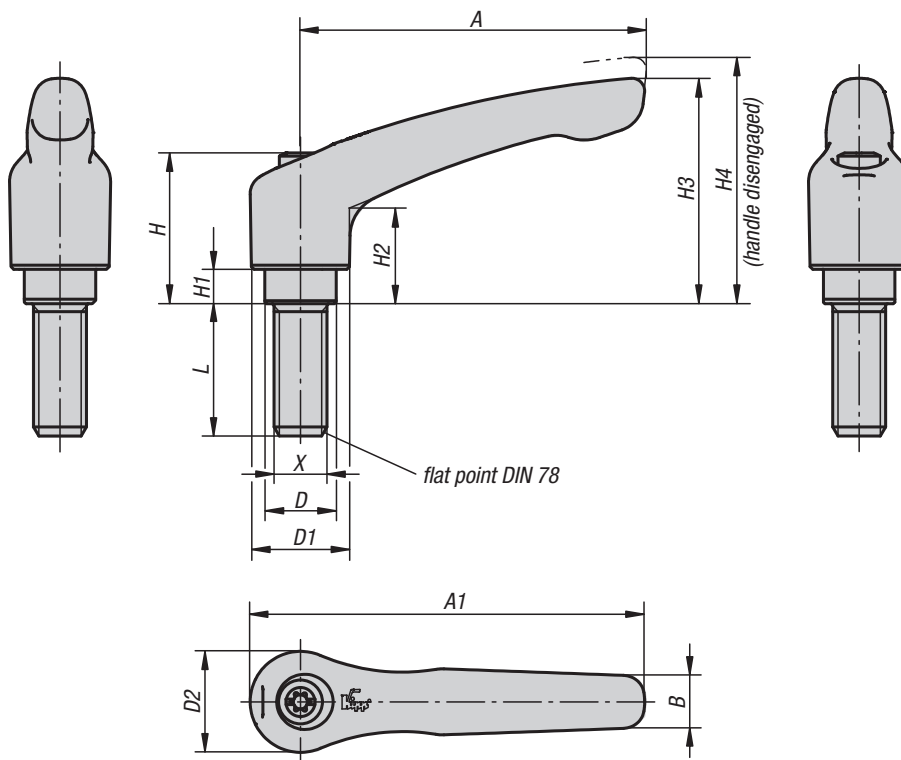
Handle electrolytic polished.
Steel parts natural finish.

Part Number Example:

K0124.1A0X10
(include length L)

On request:

Other external threads, screw lengths and
special versions.
Dimension "H1" can be produced in other
lengths at an additional charge.



Adjustable Handles

Modern Design Style, stainless steel, external thread



KIPP Adjustable Handles, Modern Design Style, stainless steel, external thread, inch

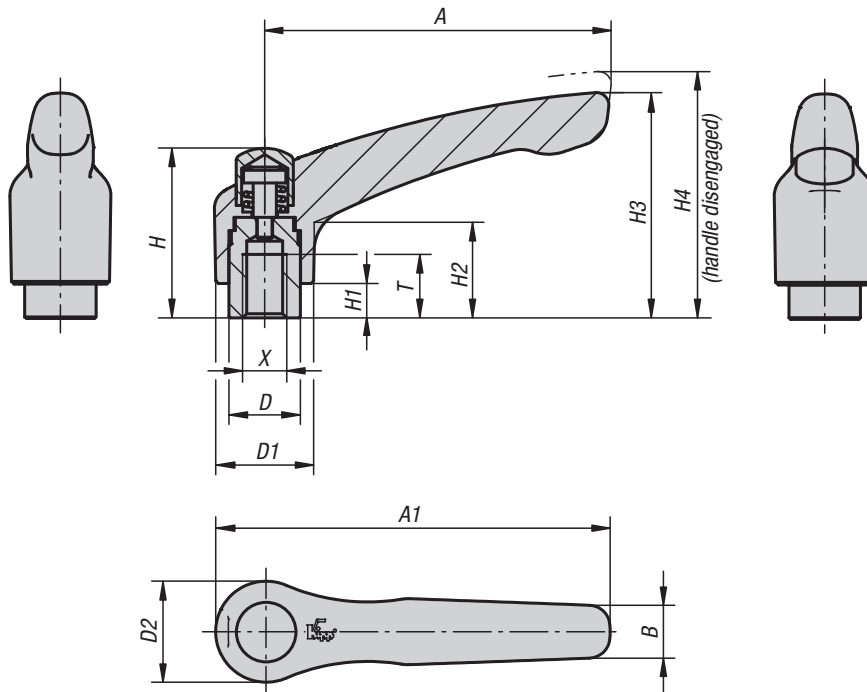
Item No.	Size	X	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth	L
K0124.1A0X	1	10-24	10	13	14	24.5	4	14.5	31	34	40	47	7	16	10/15/20/25
K0124.1A1X	1	10-32	10	13	14	24.5	4	14.5	31	34	40	47	7	16	10/15/20/25
K0124.1A2X	1	1/4-20	10	13	14	24.5	4	14.5	31	34	40	47	7	16	10/15/20/25/30/40/50
K0124.2A2X	2	1/4-20	13.5	18.5	19	28.5	6.5	17.5	42.5	45.5	65	74.5	10	20	15/20/25/30/40/50/60
K0124.2A3X	2	5/16-18	13.5	18.5	19	28.5	6.5	17.5	42.5	45.5	65	74.5	10	20	15/20/25/30/40/50/60
K0124.2A4X	2	3/8-16	13.5	18.5	19	28.5	6.5	17.5	42.5	45.5	65	74.5	10	20	20/25/30/40/50/60
K0124.3A3X	3	5/16-18	16	21	22	37	10	24	54.5	58.5	80	91	11	22	20/25/30/40/50/60
K0124.3A4X	3	3/8-16	16	21	22	37	10	24	54.5	58.5	80	91	11	22	20/25/30/40/50/60
K0124.4A5X	4	1/2-13	19	27	27.5	43	10	27	63	67.5	95	109	13	24	25/30/40/50/60
K0124.5A6X	5	5/8-11	23	31	32	49	12	31.5	73	77.5	110	126	15	26	30/40/50/60

KIPP Adjustable Handles, Modern Design Style, stainless steel, external thread, metric

Item No.	Size	X	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth	L
K0124.105X	1	M5	10	13	14	24,5	4	14,5	31	34	40	47	7	16	10/15/20/25
K0124.106X	1	M6	10	13	14	24,5	4	14,5	31	34	40	47	7	16	10/15/20/25/30/40/50
K0124.206X	2	M6	13,5	18,5	19	28,5	6,5	17,5	42,5	45,5	65	74,5	10	20	15/20/25/30/40/50/60
K0124.208X	2	M8	13,5	18,5	19	28,5	6,5	17,5	42,5	45,5	65	74,5	10	20	15/20/25/30/40/50/60
K0124.210X	2	M10	13,5	18,5	19	28,5	6,5	17,5	42,5	45,5	65	74,5	10	20	20/25/30/40/50/60
K0124.308X	3	M8	16	21	22	37	10	24	54,5	58,5	80	91	11	22	20/25/30/40/50/60
K0124.310X	3	M10	16	21	22	37	10	24	54,5	58,5	80	91	11	22	20/25/30/40/50/60
K0124.412X	4	M12	19	27	27,5	43	10	27	63	67,5	95	109	13	24	25/30/40/50/60
K0124.516X	5	M16	23	31	32	49	12	31,5	73	77,5	110	126	15	26	30/40/50/60

Adjustable Handles with protective cap

Modern Design Style, stainless steel, internal thread



Material:

Handle in precision cast 1.4308,
other steel parts 1.4305.

Type:

Handle electrolytic polished.
Steel parts natural finish.

Part Number Example:

K0124.92A2

Note:

Other internal threads and special versions.
Dimension "H1" can be produced in other lengths
at an additional charge.



KIPP Adjustable Handles with protective cap, Modern Design Style, stainless steel, internal thread, inch

Item No.	Size	X	T	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth
K0124.92A2	2	1/4-20	12	13.5	18.5	19	32	6.5	17.5	42.5	45.5	65	74.5	10	10
K0124.92A3	2	5/16-18	12	13.5	18.5	19	32	6.5	17.5	42.5	45.5	65	74.5	10	10
K0124.93A3	3	5/16-18	14	16	21	22	41.5	10	24	54.5	58.5	80	91	11	11
K0124.93A4	3	3/8-16	14	16	21	22	41.5	10	24	54.5	58.5	80	91	11	11

KIPP Adjustable Handles with protective cap, Modern Design Style, stainless steel, internal thread, metric

Item No.	Size	X	T	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth
K0124.9206	2	M6	12	13,5	18,5	19	32	6,5	17,5	42,5	45,5	65	74,5	10	20
K0124.9208	2	M8	12	13,5	18,5	19	32	6,5	17,5	42,5	45,5	65	74,5	10	20
K0124.9308	3	M8	14	16	21	22	41,5	10	24	54,5	58,5	80	91	11	22
K0124.9310	3	M10	14	16	21	22	41,5	10	24	54,5	58,5	80	91	11	22

Adjustable Handles with protective cap

Modern Design Style, stainless steel, external thread



Material:

Handle in precision cast 1.4308,
other steel parts 1.4305.

Type:

Handle electrolytic polished.
Steel parts natural finish.

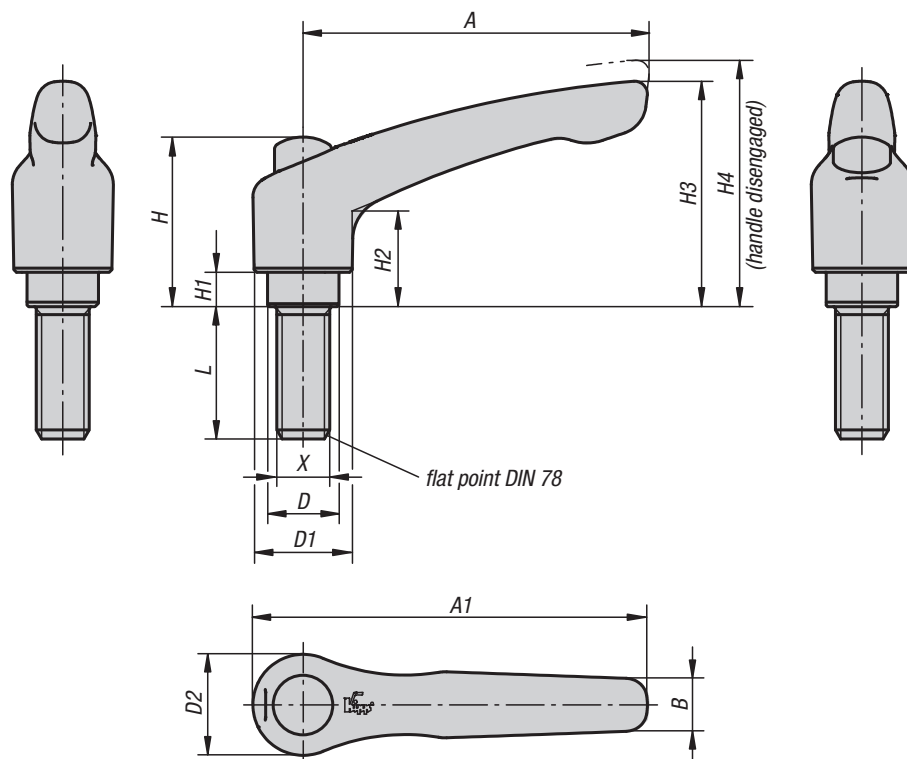
Part Number Example:

K0124.92A2X15
(include length L)

On request:

Other external threads, screw lengths and
special versions.

Dimension "H1" can be produced in other
lengths at an additional charge.



lift to
disengage



KIPP Adjustable Handles with protective cap, Modern Design Style, stainless steel, external thread, inch

Item No.	Size	X	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth	L
K0124.92A2X	2	1/4-20	13.5	18.5	19	32	6.5	17.5	42.5	45.5	65	74.5	10	10	15/20/25/30/40/50/60
K0124.92A3X	2	5/16-18	13.5	18.5	19	32	6.5	17.5	42.5	45.5	65	74.5	10	10	15/20/25/30/40/50/60
K0124.92A4X	2	3/8-16	13.5	18.5	19	32	6.5	17.5	42.5	45.5	65	74.5	10	10	20/25/30/40/50/60
K0124.93A3X	3	5/16-18	16	21	22	41.5	10	24	54.5	58.5	80	91	11	11	20/25/30/40/50/60
K0124.93A4X	3	3/8-16	16	21	22	41.5	10	24	54.5	58.5	80	91	11	11	20/25/30/40/50/60

KIPP Adjustable Handles with protective cap, Modern Design Style, stainless steel, external thread, metric

Item No.	Size	X	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth	L
K0124.9206X	2	M6	13,5	18,5	19	32	6,5	17,5	42,5	45,5	65	74,5	10	20	15/20/25/30/40/50/60
K0124.9208X	2	M8	13,5	18,5	19	32	6,5	17,5	42,5	45,5	65	74,5	10	20	15/20/25/30/40/50/60
K0124.9210X	2	M10	13,5	18,5	19	32	6,5	17,5	42,5	45,5	65	74,5	10	20	20/25/30/40/50/60
K0124.9308X	3	M8	16	21	22	41,5	10	24	54,5	58,5	80	91	11	22	20/25/30/40/50/60
K0124.9310X	3	M10	16	21	22	41,5	10	24	54,5	58,5	80	91	11	22	20/25/30/40/50/60

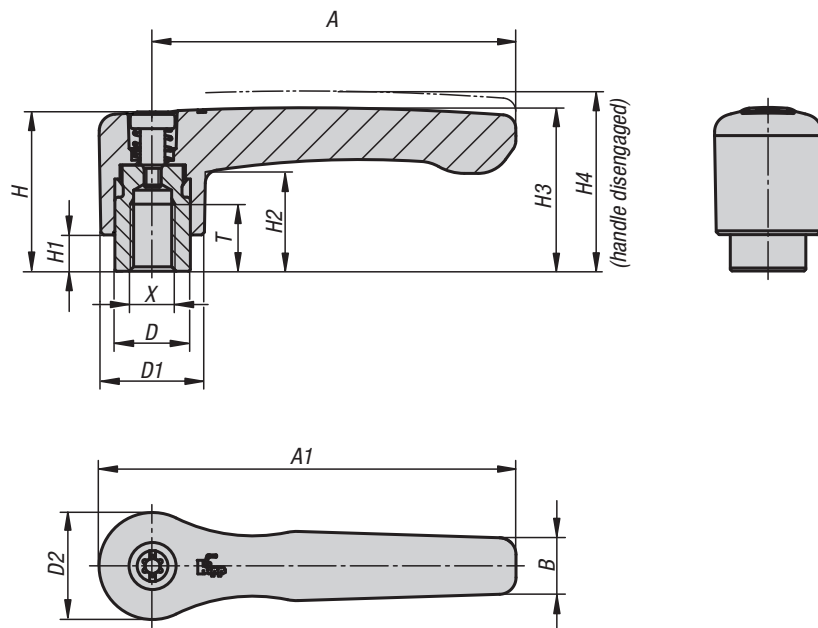
Adjustable Handles straight

inserts and internal components steel, internal thread

INCH
Parts

METRIC
Parts

New Item



Material:

Handle die-cast zinc DIN 12844.
Steel parts quality class 5.8.

Type:

Handle powder-coated.
Steel parts black oxide finish.

Part Number Example:

K0737.2061

Note:

Standard colors are:
black satin finish, orange RAL 2004.

On request:

Other internal threads, colors and special versions.
Dimension "H1" available in other lengths at an additional charge.



KIPP Adjustable Handles straight, internal thread, inch

Item No. black satin finish	Item No. orange	Size	X	T	D	D2	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth
K0737.2A21	K0737.2A22	2	1/4-20	12	13.5	18.5	19.1	28.5	6.5	17.8	29.2	32.2	65	74.5	10.1	20
K0737.2A31	K0737.2A32	2	5/16-18	12	13.5	18.5	19.1	28.5	6.5	17.8	29.2	32.2	65	74.5	10.1	20
K0737.3A31	K0737.3A32	3	5/16-18	14	16	21.2	22	37	10	23.8	38	42	80	91	11.7	22
K0737.3A41	K0737.3A42	3	3/8-16	14	16	21.2	22	37	10	23.8	38	42	80	91	11.7	22

KIPP Adjustable Handles straight, internal thread, metric

Item No. black satin finish	Item No. orange	Size	X	T	D	D2	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth
K0737.2061	K0737.2062	2	M6	12	13,5	18,5	19,1	28,5	6,5	17,8	29,2	32,2	65	74,5	10,1	20
K0737.2081	K0737.2082	2	M8	12	13,5	18,5	19,1	28,5	6,5	17,8	29,2	32,2	65	74,5	10,1	20
K0737.3081	K0737.3082	3	M8	14	16	21,2	22	37	10	23,8	38	42	80	91	11,7	22
K0737.3101	K0737.3102	3	M10	14	16	21,2	22	37	10	23,8	38	42	80	91	11,7	22

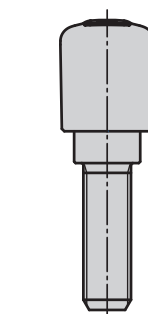
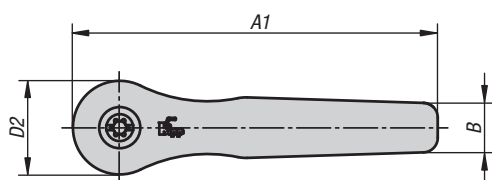
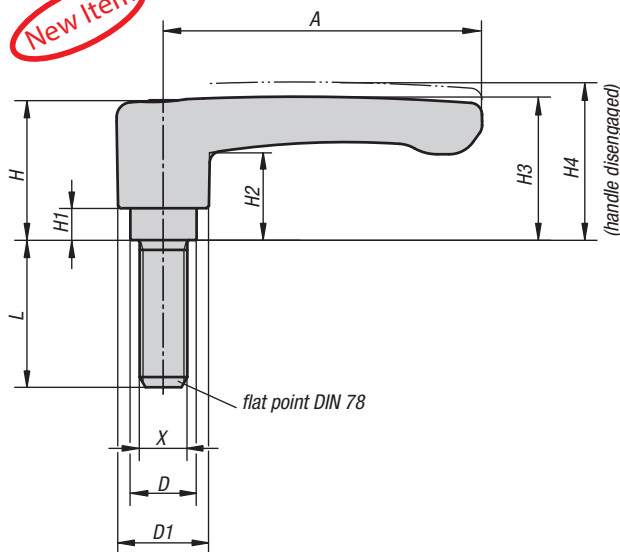
Adjustable Handles straight

bolts and internal components in steel, external thread

INCH
Parts

METRIC
Parts

New Item



lift to
disengage



Material:

Handle die-cast zinc DIN 12844.
Steel parts quality class 5.8.

Type:

Handle powder-coated.
Steel parts black oxide finish.

Part Number Example:

K0737.2061X15 (include length L)

Note:

Standard colors are:
black satin finish, orange RAL 2004.

On request:

Other external threads, screw lengths, colors
and special versions.
Dimension "H1" available in other lengths at
an additional charge.

KIPP Measurements, external thread

Size	X	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth
2	1/4-20 ; 5/16-18 ; 3/8-16	13.5	18.5	19.1	28.5	6.5	17.8	29.2	32.2	65	74.5	10.1	20
3	5/16-18 ; 3/8-16	16	21.2	22	37	10	23.8	38	42	80	91	11.7	22
2	M6 ; M8 ; M10	13,5	18,5	19,1	28,5	6,5	17,8	29,2	32,2	65	74,5	10,1	20
3	M8 ; M10	16	21,2	22	37	10	23,8	38	42	80	91	11,7	22

KIPP Adjustable Handles straight, external thread, inch

Item No. black satin finish	Item No. orange	Size	X	L
K0737.2A21X	K0737.2A22X	2	1/4-20	15/20/25/30/35/40/45/50/55/60
K0737.2A31X	K0737.2A32X	2	5/16-18	15/20/25/30/35/40/45/50/55/60
K0737.2A41X	K0737.2A42X	2	3/8-16	15/20/25/30/35/40/45/50/55/60
K0737.3A31X	K0737.3A32X	3	5/16-18	15/20/25/30/35/40/45/50/55/60
K0737.3A41X	K0737.3A42X	3	3/8-16	15/20/25/30/35/40/45/50/55/60

KIPP Adjustable Handles straight, external thread, metric

Item No. black satin finish	Item No. orange	Size	X	L
K0737.2061X	K0737.2062X	2	M6	15/20/25/30/35/40/45/50/55/60
K0737.2081X	K0737.2082X	2	M8	15/20/25/30/35/40/45/50/55/60
K0737.2101X	K0737.2102X	2	M10	15/20/25/30/35/40/45/50/55/60
K0737.3081X	K0737.3082X	3	M8	15/20/25/30/35/40/45/50/55/60
K0737.3101X	K0737.3102X	3	M10	15/20/25/30/35/40/45/50/55/60

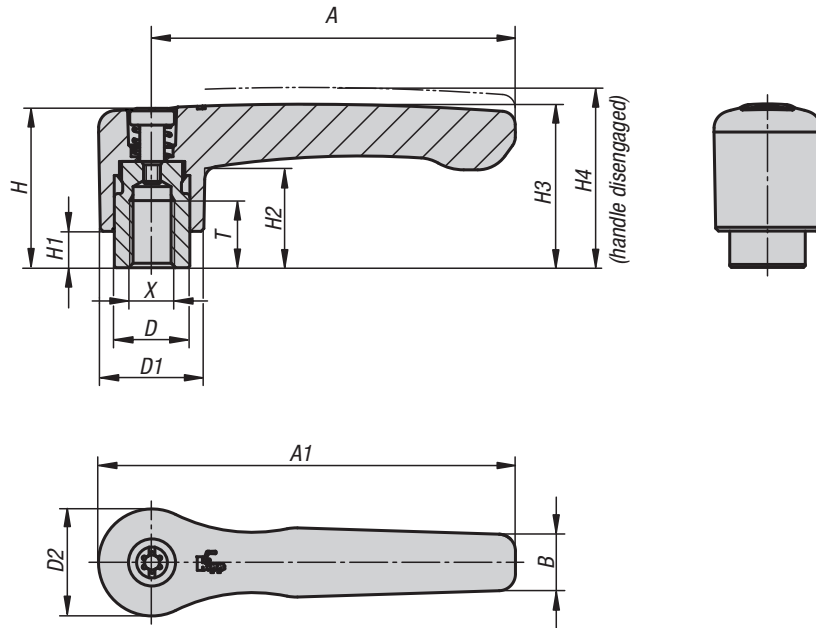
Adjustable Handles straight

inserts and internal components stainless steel, internal thread

INCH
Parts

METRIC
Parts

New Item



Material:

Handle die-cast zinc DIN 12844.
Steel parts stainless steel 1.4305.

Type:

Handle powder-coated,
steel parts natural finish.

Part Number Example:

K0738.2061

Note:

Standard colors are:
black satin finish, orange RAL 2004.

On request:

Other internal threads, colors and special versions.
Dimension "H1" available in other lengths at an additional charge.



KIPP Adjustable Handles straight, internal thread, stainless steel, inch

Item No. black satin finish	Item No. orange	Size	X	T	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth
K0738.2A21	K0738.2A22	2	1/4-20	12	13.5	18.5	19.1	28.5	6.5	17.8	29.2	32.2	65	74.5	10.1	20
K0738.2A31	K0738.2A32	2	5/16-18	12	13.5	18.5	19.1	28.5	6.5	17.8	29.2	32.2	65	74.5	10.1	20
K0738.3A31	K0738.3A32	3	5/16-18	14	16	21.2	22	37	10	23.8	38	42	80	91	11.7	22
K0738.3A41	K0738.3A42	3	3/8-16	14	16	21.2	22	37	10	23.8	38	42	80	91	11.7	22

KIPP Adjustable Handles straight, internal thread, stainless steel, metric

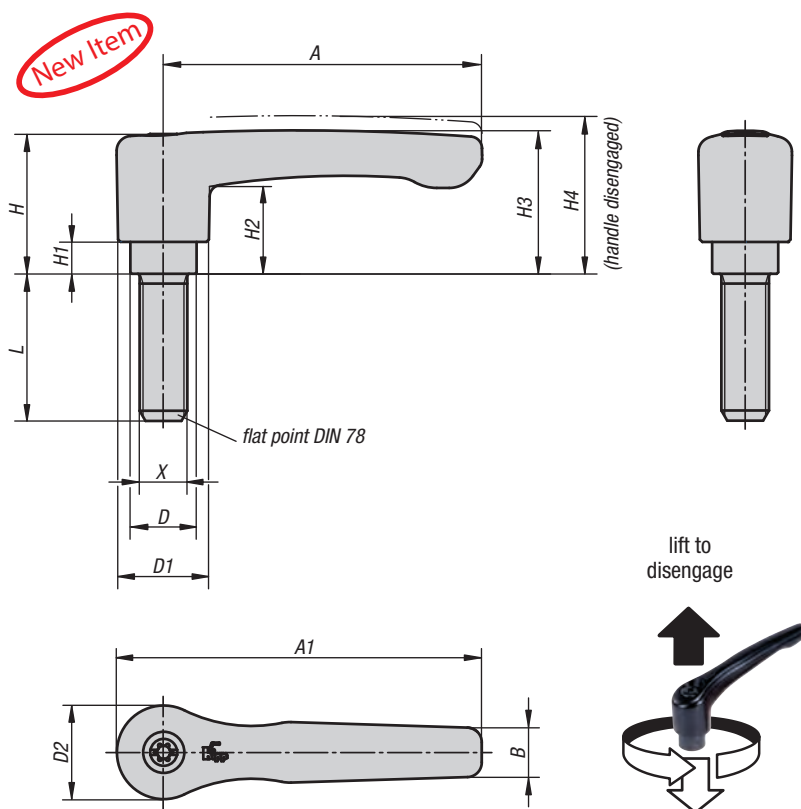
Item No. black satin finish	Item No. orange	Size	X	T	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth
K0738.2061	K0738.2062	2	M6	12	13,5	18,5	19,1	28,5	6,5	17,8	29,2	32,2	65	74,5	10,1	20
K0738.2081	K0738.2082	2	M8	12	13,5	18,5	19,1	28,5	6,5	17,8	29,2	32,2	65	74,5	10,1	20
K0738.3081	K0738.3082	3	M8	14	16	21,2	22	37	10	23,8	38	42	80	91	11,7	22
K0738.3101	K0738.3102	3	M10	14	16	21,2	22	37	10	23,8	38	42	80	91	11,7	22

Adjustable Handles straight

bolts and internal components stainless steel, external thread

INCH
Parts

METRIC
Parts



Material:

Handle die-cast zinc DIN 12844.
Steel parts stainless steel 1.4305.

Type:

Handle powder-coated,
steel parts natural finish.

Part Number Example:

K0738.2061X15 (include length L)

Note:

Standard colors are:
black satin finish, orange RAL 2004.

On request:

Other external threads, screw lengths, colors
and special versions.
Dimension "H1" available in other lengths at
an additional charge.

KIPP Measurements, external thread

Size	X	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth
2	1/4-20 ; 5/16-18 ; 3/8-16	13.5	18.5	19.1	28.5	6.5	17.8	29.2	32.2	65	74.5	10.1	20
3	5/16-18 ; 3/8-16	16	21.2	22	37	10	23.8	38	42	80	91	11.7	22
2	M6 ; M8 ; M10	13,5	18,5	19,1	28,5	6,5	17,8	29,2	32,2	65	74,5	10,1	20
3	M8 ; M10	16	21,2	22	37	10	23,8	38	42	80	91	11,7	22

KIPP Adjustable Handles straight, external thread, stainless steel, inch

Item No. black satin finish	Item No. orange	Size	X	L
K0738.2A21X	K0738.2A22X	2	1/4-20	15/20/25/30/40/50/60
K0738.2A31X	K0738.2A32X	2	5/16-18	15/20/25/30/40/50/60
K0738.2A41X	K0738.2A42X	2	3/8-16	20/25/30/40/50/60
K0738.3A31X	K0738.3A32X	3	5/16-18	20/25/30/40/50/60
K0738.3A41X	K0738.3A42X	3	3/8-16	20/25/30/40/50/60

KIPP Adjustable Handles straight, external thread, stainless steel, metric

Item No. black satin finish	Item No. orange	Size	X	L
K0738.2061X	K0738.2062X	2	M6	15/20/25/30/40/50/60
K0738.2081X	K0738.2082X	2	M8	15/20/25/30/40/50/60
K0738.2101X	K0738.2102X	2	M10	20/25/30/40/50/60
K0738.3081X	K0738.3082X	3	M8	20/25/30/40/50/60
K0738.3101X	K0738.3102X	3	M10	20/25/30/40/50/60

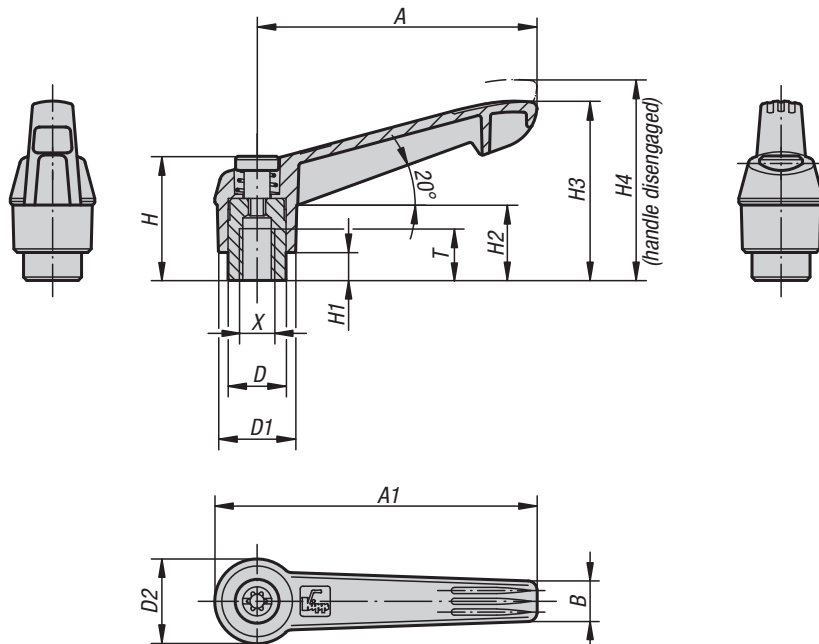
Adjustable Handles

Modern Design Style, plastic, inserts and internal components steel, internal thread



INCH
Parts

METRIC
Parts



For many people the Novo-Grip Adjustable Handle represents the key to secure and comfortable gripping. This handle provides a future-oriented and powerful solution for almost any operating and clamping problem.

Material:

Handle glass-fibre reinforced plastic with with toothed wheel in die cast zinc.
Steel parts quality class 5.8.

Type:

Steel parts black oxide finish.

Part Number Example:

K0269.1AE86 (handle color signal green)

Note:

Δ Add the desired handle color here

On request:

Other internal threads and special versions.
Dimension "H1" can be produced in other lengths at an additional charge.

lift to
disengage



black gray Δ = 1



RAL 7021

orange Δ = 2



RAL 2004

signal green Δ = 86



RAL 6032

traffic red Δ = 84



RAL 3020

bright yellow Δ = 16



RAL 1021

traffic blue Δ = 87



RAL 5017

Adjustable Handles

Modern Design Style, plastic, inserts and internal components steel, internal thread



KIPP Adjustable Handles, Modern Design Style, with internal thread, components in steel, inch

Item No.	Size	X	T	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth
K0269.1AEΔ	1	8-32	9	10	13	14.5	24.5	4	15	30	33.5	40	47	7.5	16
K0269.1A0Δ	1	10-24	9	10	13	14.5	24.5	4	15	30	33.5	40	47	7.5	16
K0269.1A1Δ	1	10-32	9	10	13	14.5	24.5	4	15	30	33.5	40	47	7.5	16
K0269.1A2Δ	1	1/4-20	9	10	13	14.5	24.5	4	15	30	33.5	40	47	7.5	16
K0269.2A2Δ	2	1/4-20	12	13.5	18	19.5	28.5	6.5	17.5	41.5	45.5	65	75	9.5	20
K0269.2A3Δ	2	5/16-18	12	13.5	18	19.5	28.5	6.5	17.5	41.5	45.5	65	75	9.5	20
K0269.3A3Δ	3	5/16-18	14	16	21.5	23	37	10	24	53.5	58	80	91.5	11	22
K0269.3A4Δ	3	3/8-16	14	16	21.5	23	37	10	24	53.5	58	80	91.5	11	22
K0269.4A4Δ	4	3/8-16	17	19	25.5	27.5	43	10	26	61	66	95	109	13	24
K0269.4A5Δ	4	1/2-13	17	19	25.5	27.5	43	10	26	61	66	95	109	13	24
K0269.5A5Δ	5	1/2-13	23	23	30	32.5	49	12	33	72	77	110	126	15.5	26
K0269.5A6Δ	5	5/8-11	23	23	30	32.5	49	12	33	72	77	110	126	15.5	26

KIPP Adjustable Handles, Modern Design Style with internal thread, components in steel, metric

Item No.	Size	X	T	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth
K0269.104Δ	1	M4	9	10	13	14,5	24,5	4	15	30	33,5	40	47	7,5	16
K0269.105Δ	1	M5	9	10	13	14,5	24,5	4	15	30	33,5	40	47	7,5	16
K0269.106Δ	1	M6	9	10	13	14,5	24,5	4	15	30	33,5	40	47	7,5	16
K0269.206Δ	2	M6	12	13,5	18	19,5	28,5	6,5	17,5	41,5	45,5	65	75	9,5	20
K0269.208Δ	2	M8	12	13,5	18	19,5	28,5	6,5	17,5	41,5	45,5	65	75	9,5	20
K0269.308Δ	3	M8	14	16	21,5	23	37	10	24	53,5	58	80	91,5	11	22
K0269.310Δ	3	M10	14	16	21,5	23	37	10	24	53,5	58	80	91,5	11	22
K0269.410Δ	4	M10	17	19	25,5	27,5	43	10	26	61	66	95	109	13	24
K0269.412Δ	4	M12	17	19	25,5	27,5	43	10	26	61	66	95	109	13	24
K0269.512Δ	5	M12	23	23	30	32,5	49	12	33	72	77	110	126	15,5	26
K0269.516Δ	5	M16	23	23	30	32,5	49	12	33	72	77	110	126	15,5	26

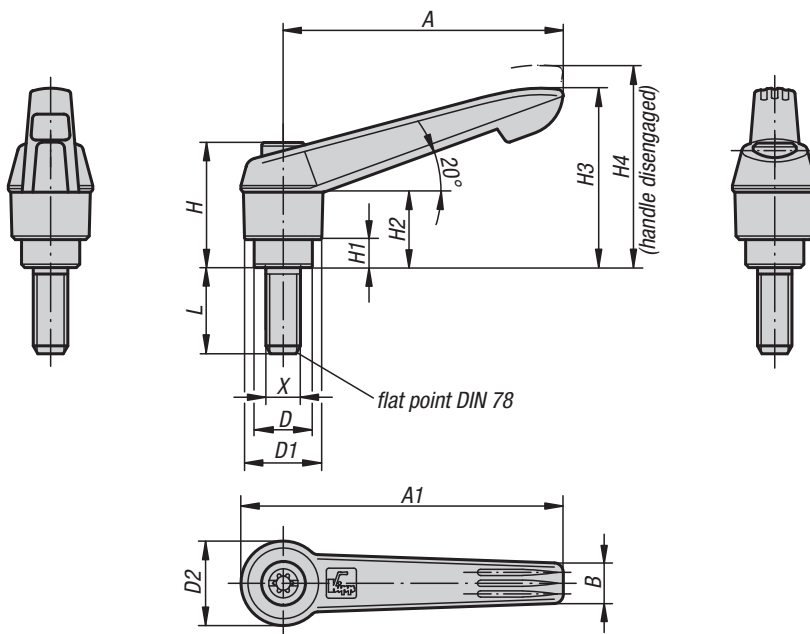
Adjustable Handles

Modern Design Style, plastic, bolts and internal components in steel, external thread



INCH
Parts

METRIC
Parts



For many people the Novo-Grip Adjustable Handle represents the key to secure and comfortable gripping. This handle provides a future-oriented and powerful solution for almost any operating and clamping problem.

Material:

Handle glass-fibre reinforced plastic with with toothed wheel in die cast zinc.
Steel parts quality class 5.8.

Type:

Steel parts black oxide finish.

Part Number Example:

K0269.1A01X10
(handle black gray;
include length L)

Note:

Δ Add the desired handle color here

On request:

Other external threads, screw lengths and special versions.

Dimension "H1" can be produced in other lengths at an additional charge.

lift to
disengage



black gray Δ = 1



RAL 7021

orange Δ = 2



RAL 2004

signal green Δ = 86



RAL 6032

traffic red Δ = 84



RAL 3020

bright yellow Δ = 16



RAL 1021

traffic blue Δ = 87



RAL 5017

Adjustable Handles

Modern Design Style, plastic, bolts and internal components in steel, external thread



KIPP Adjustable Handles, Modern Design Style, with external thread, components in steel, inch

Item No.	Size	X	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth	L
K0269.1A0ΔX	1	10-24	10	13	14.5	24.5	4	15	30	33.5	40	47	7.5	16	10/15/20/25/30/35/40/45/50
K0269.1A1ΔX	1	10-32	10	13	14.5	24.5	4	15	30	33.5	40	47	7.5	16	10/15/20/25/30/35/40/45/50
K0269.1A2ΔX	1	1/4-20	10	13	14.5	24.5	4	15	30	33.5	40	47	7.5	16	10/15/20/25/30/35/40/45/50
K0269.2A2ΔX	2	1/4-20	13.5	18	19.5	28.5	6.5	17.5	41.5	45.5	65	75	9.5	20	15/20/25/30/35/40/45/50/55/60
K0269.2A3ΔX	2	5/16-18	13.5	18	19.5	28.5	6.5	17.5	41.5	45.5	65	75	9.5	20	15/20/25/30/35/40/45/50/55/60
K0269.2A4ΔX	2	3/8-16	13.5	18	19.5	28.5	6.5	17.5	41.5	45.5	65	75	9.5	20	15/20/25/30/35/40/45/50/55/60
K0269.3A3ΔX	3	5/16-18	16	21.5	23	37	10	24	53.5	58	80	91.5	11	22	15/20/25/30/35/40/45/50/55/60
K0269.3A4ΔX	3	3/8-16	16	21.5	23	37	10	24	53.5	58	80	91.5	11	22	15/20/25/30/35/40/45/50/55/60
K0269.4A4ΔX	4	3/8-16	19	25.5	27.5	43	10	26	61	66	95	109	13	24	20/25/30/35/40/45/50/55/60/70/80/90
K0269.4A5ΔX	4	1/2-13	19	25.5	27.5	43	10	26	61	66	95	109	13	24	20/25/30/35/40/45/50/55/60/70/80/90
K0269.5A5ΔX	5	1/2-13	23	30	32.5	49	12	33	72	77	110	126	15.5	26	25/30/35/40/45/50/55/60/70/80/90
K0269.5A6ΔX	5	5/8-11	23	30	32.5	49	12	33	72	77	110	126	15.5	26	25/30/35/40/45/50/55/60/70/80/90

KIPP Adjustable Handles, Modern Design Style, with external thread, components in steel, metric

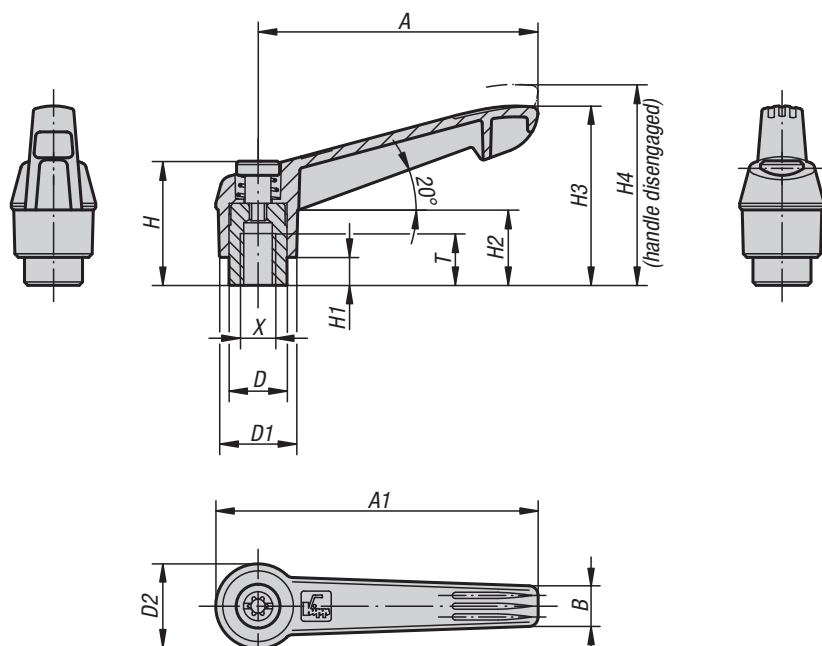
Item No.	Size	X	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth	L
K0269.105ΔX	1	M5	10	13	14,5	24,5	4	15	30	33,5	40	47	7,5	16	10/15/20/25/30/35/40/45/50
K0269.106ΔX	1	M6	10	13	14,5	24,5	4	15	30	33,5	40	47	7,5	16	10/15/20/25/30/35/40/45/50
K0269.206ΔX	2	M6	13,5	18	19,5	28,5	6,5	17,5	41,5	45,5	65	75	9,5	20	15/20/25/30/35/40/45/50/55/60
K0269.208ΔX	2	M8	13,5	18	19,5	28,5	6,5	17,5	41,5	45,5	65	75	9,5	20	15/20/25/30/35/40/45/50/55/60
K0269.210ΔX	2	M10	13,5	18	19,5	28,5	6,5	17,5	41,5	45,5	65	75	9,5	20	15/20/25/30/35/40/45/50/55/60
K0269.308ΔX	3	M8	16	21,5	23	37	10	24	53,5	58	80	91,5	11	22	15/20/25/30/35/40/45/50/55/60
K0269.310ΔX	3	M10	16	21,5	23	37	10	24	53,5	58	80	91,5	11	22	15/20/25/30/35/40/45/50/55/60
K0269.410ΔX	4	M10	19	25,5	27,5	43	10	26	61	66	95	109	13	24	20/25/30/35/40/45/50/55/60/70/80/90
K0269.412ΔX	4	M12	19	25,5	27,5	43	10	26	61	66	95	109	13	24	20/25/30/35/40/45/50/55/60/70/80/90
K0269.512ΔX	5	M12	23	30	32,5	49	12	33	72	77	110	126	15,5	26	25/30/35/40/45/50/55/60/70/80/90
K0269.516ΔX	5	M16	23	30	32,5	49	12	33	72	77	110	126	15,5	26	25/30/35/40/45/50/55/60/70/80/90

Adjustable Handles

Modern Design Style, plastic, inserts and internal components in stainless steel, internal thread

INCH
Parts

METRIC
Parts



For many people the Novo-Grip Adjustable Handle represents the key to secure and comfortable gripping. This handle provides a future-oriented and powerful solution for almost any operating and clamping problem.

Material:

Handle in glass-fibre reinforced plastic with toothed wheel in die cast zinc;
steel parts in stainless steel 1.4305

Type:

Steel parts natural finish.

Part Number Example:

K0270.1A086 (handle color signal green)

Note:

Δ Add the desired handle color here

On request:

Other internal threads and special versions.
Dimension "H1" can be produced in other lengths at an additional charge.

lift to
disengage



black gray Δ = 1



RAL 7021

orange Δ = 2



RAL 2004

signal green Δ = 86



RAL 6032

traffic red Δ = 84



RAL 3020

bright yellow Δ = 16



RAL 1021

traffic blue Δ = 87



RAL 5017

Adjustable Handles

Modern Design Style, plastic, inserts and internal components in stainless steel, internal thread

KIPP Adjustable Handles, Modern Design Style, internal thread, components in stainless steel, inch

Item No.	Size	X	T	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth
K0270.1A0Δ	1	10-24	9	10	13	14.5	24.5	4	15	30	33.5	40	47	7.5	16
K0270.1A1Δ	1	10-32	9	10	13	14.5	24.5	4	15	30	33.5	40	47	7.5	16
K0270.1A2Δ	1	1/4-20	9	10	13	14.5	24.5	4	15	30	33.5	40	47	7.5	16
K0270.2A2Δ	2	1/4-20	12	13.5	18	19.5	28.5	6.5	17.5	41.5	45.5	65	75	9.5	20
K0270.2A3Δ	2	5/16-18	12	13.5	18	19.5	28.5	6.5	17.5	41.5	45.5	65	75	9.5	20
K0270.3A3Δ	3	5/16-18	14	16	21.5	23	37	10	24	53.5	58	80	91.5	11	22
K0270.3A4Δ	3	3/8-16	14	16	21.5	23	37	10	24	53.5	58	80	91.5	11	22
K0270.4A4Δ	4	3/8-16	17	19	25.5	27.5	43	10	26	61	66	95	109	13	24
K0270.4A5Δ	4	1/2-13	17	19	25.5	27.5	43	10	26	61	66	95	109	13	24
K0270.5A5Δ	5	1/2-13	23	23	30	32.5	49	12	33	72	77	110	126	15.5	26
K0270.5A6Δ	5	5/8-11	23	23	30	32.5	49	12	33	72	77	110	126	15.5	26

KIPP Adjustable Handles, Modern Design Style, internal thread, components in stainless steel, metric

Item No.	Size	X	T	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth
K0270.104Δ	1	M4	9	10	13	14,5	24,5	4	15	30	33,5	40	47	7,5	16
K0270.105Δ	1	M5	9	10	13	14,5	24,5	4	15	30	33,5	40	47	7,5	16
K0270.106Δ	1	M6	9	10	13	14,5	24,5	4	15	30	33,5	40	47	7,5	16
K0270.206Δ	2	M6	12	13,5	18	19,5	28,5	6,5	17,5	41,5	45,5	65	75	9,5	20
K0270.208Δ	2	M8	12	13,5	18	19,5	28,5	6,5	17,5	41,5	45,5	65	75	9,5	20
K0270.308Δ	3	M8	14	16	21,5	23	37	10	24	53,5	58	80	91,5	11	22
K0270.310Δ	3	M10	14	16	21,5	23	37	10	24	53,5	58	80	91,5	11	22
K0270.410Δ	4	M10	17	19	25,5	27,5	43	10	26	61	66	95	109	13	24
K0270.412Δ	4	M12	17	19	25,5	27,5	43	10	26	61	66	95	109	13	24
K0270.512Δ	5	M12	23	23	30	32,5	49	12	33	72	77	110	126	15,5	26
K0270.516Δ	5	M16	23	23	30	32,5	49	12	33	72	77	110	126	15,5	26

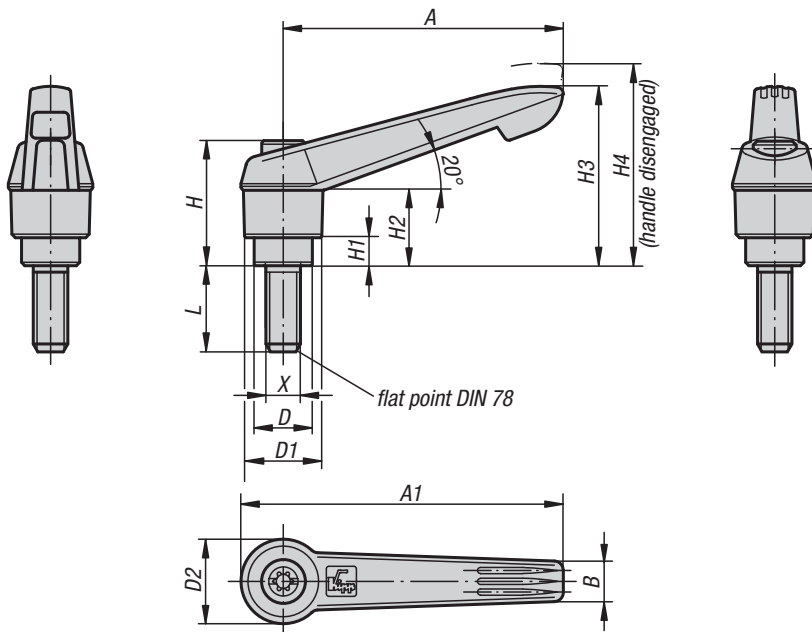
Adjustable Handles

Modern Design Style, plastic, bolts and internal components in stainless steel, external thread



INCH
Parts

METRIC
Parts



For many people the Novo-Grip Adjustable Handle represents the key to secure and comfortable gripping. This handle provides a future-oriented and powerful solution for almost any operating and clamping problem.

Material:

Handle in glass-fibre reinforced plastic with toothed wheel in die cast zinc;
steel parts in stainless steel 1.4305

Type:

Steel parts natural finish.

Part Number Example:

K0270.1A01X15
(handle black gray;
include length L)

Note:

Δ Add the desired handle color here

On request:

Other external threads, screw lengths and special versions.

Dimension "H1" can be produced in other lengths at an additional charge.

lift to
disengage



black gray Δ = 1



RAL 7021

orange Δ = 2



RAL 2004

signal green Δ = 86



RAL 6032

traffic red Δ = 84



RAL 3020

bright yellow Δ = 16



RAL 1021

traffic blue Δ = 87



RAL 5017

Adjustable Handles

Modern Design Style, plastic, bolts and internal components in stainless steel, external thread



KIPP Adjustable Handles, Modern Design Style, external thread, components in stainless steel, inch

Item No.	Size	X	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth	L
K0270.1A0ΔX	1	10-24	10	13	14.5	24.5	4	15	30	33.5	40	47	7.5	16	15/20/25
K0270.1A1ΔX	1	10-32	10	13	14.5	24.5	4	15	30	33.5	40	47	7.5	16	15/20/25
K0270.1A2ΔX	1	1/4-20	10	13	14.5	24.5	4	15	30	33.5	40	47	7.5	16	10/15/20/25/30/40/50
K0270.2A2ΔX	2	1/4-20	13.5	18	19.5	28.5	6.5	17.5	41.5	45.5	65	75	9.5	20	15/20/25/30/40/50/60
K0270.2A3ΔX	2	5/16-18	13.5	18	19.5	28.5	6.5	17.5	41.5	45.5	65	75	9.5	20	15/20/25/30/40/50/60
K0270.2A4ΔX	2	3/8-16	13.5	18	19.5	28.5	6.5	17.5	41.5	45.5	65	75	9.5	20	20/25/30/40/50/60
K0270.3A3ΔX	3	5/16-18	16	21.5	23	37	10	24	53.5	58	80	91.5	11	22	20/25/30/40/50/60
K0270.3A4ΔX	3	3/8-16	16	21.5	23	37	10	24	53.5	58	80	91.5	11	22	20/25/30/40/50/60
K0270.4A5ΔX	4	1/2-13	19	25.5	27.5	43	10	26	61	66	95	109	13	24	25/30/40/50/60
K0270.5A6ΔX	5	5/8-11	23	30	32.5	49	12	33	72	77	110	126	15.5	26	30/40/50/60

KIPP Adjustable Handles, Modern Design Style “Novo-Grip”, external thread, components in stainless steel, metric

Item No.	Size	X	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth	L
K0270.105ΔX	1	M5	10	13	14,5	24,5	4	15	30	33,5	40	47	7,5	16	10/15/20/25
K0270.106ΔX	1	M6	10	13	14,5	24,5	4	15	30	33,5	40	47	7,5	16	10/15/20/25/30/40/50
K0270.206ΔX	2	M6	13,5	18	19,5	28,5	6,5	17,5	41,5	45,5	65	75	9,5	20	15/20/25/30/40/50/60
K0270.208ΔX	2	M8	13,5	18	19,5	28,5	6,5	17,5	41,5	45,5	65	75	9,5	20	15/20/25/30/40/50/60
K0270.210ΔX	2	M10	13,5	18	19,5	28,5	6,5	17,5	41,5	45,5	65	75	9,5	20	20/25/30/40/50/60
K0270.308ΔX	3	M8	16	21,5	23	37	10	24	53,5	58	80	91,5	11	22	20/25/30/40/50/60
K0270.310ΔX	3	M10	16	21,5	23	37	10	24	53,5	58	80	91,5	11	22	20/25/30/40/50/60
K0270.412ΔX	4	M12	19	25,5	27,5	43	10	26	61	66	95	109	13	24	25/30/40/50/60
K0270.516ΔX	5	M16	23	30	32,5	49	12	33	72	77	110	126	15,5	26	30/40/50/60

Adjustable Handles 2K "Cockatoo"

two-component with internal thread

INCH
Parts

METRIC
Parts



Material:

Handle:

Hard component in glass-fibre-reinforced plastic with die cast zinc toothed ring.

Soft component: Thermoflex based on SEBS.

Steel parts:

Quality class 5.8.

Type:

Steel parts black oxide finish.

Part Number Example:

K0125.1AE01

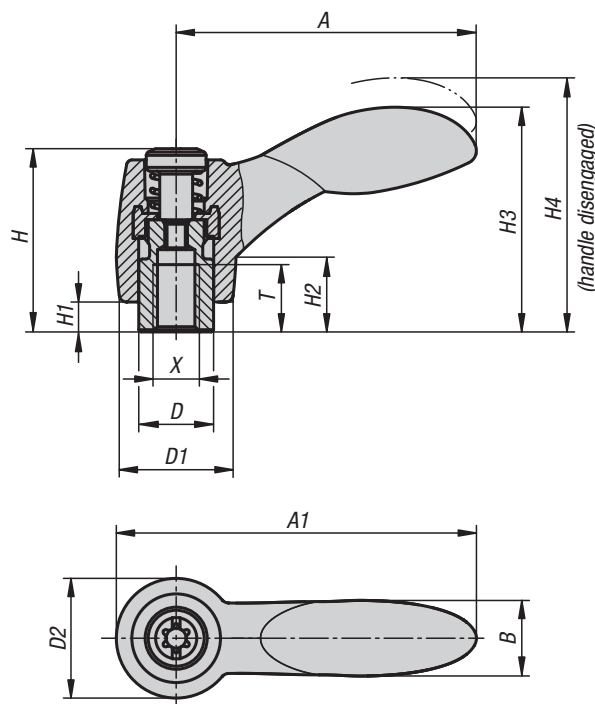
Note:

The hard and soft components are supplied in black gray RAL 7021 as standard.

On request:

Other internal threads, color combinations and special versions.

Dimension "H1" can be produced in other lengths at an additional charge.



lift to
disengage



KIPP Adjustable Handles 2K with internal thread, inch

Item No.	Size	X	T	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth
K0125.1AE01	1	8-32	9	10	15	16	24.5	4	10	30	33.5	40.1	48.1	10.1	16
K0125.1A001	1	10-24	9	10	15	16	24.5	4	10	30	33.5	40.1	48.1	10.1	16
K0125.1A101	1	10-32	9	10	15	16	24.5	4	10	30	33.5	40.1	48.1	10.1	16
K0125.1A201	1	1/4-20	9	10	15	16	24.5	4	10	30	33.5	40.1	48.1	10.1	16
K0125.2A201	2	1/4-20	12	13.5	17.5	19	28.5	6.5	12.5	41.2	45.2	64.9	74.4	17.6	20
K0125.2A301	2	5/16-18	12	13.5	17.5	19	28.5	6.5	12.5	41.2	45.2	64.9	74.4	17.6	20
K0125.3A301	3	5/16-18	14	16	21	22	37	10	17	51.6	56.1	80.2	91.2	20.7	22
K0125.3A401	3	3/8-16	14	16	21	22	37	10	17	51.6	56.1	80.2	91.2	20.7	22

KIPP Adjustable Handles 2K with internal thread, metric

Item No.	Size	X	T	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth
K0125.10401	1	M4	9	10	15	16	24,5	4	10	30	33,5	40,1	48,1	10,1	16
K0125.10501	1	M5	9	10	15	16	24,5	4	10	30	33,5	40,1	48,1	10,1	16
K0125.10601	1	M6	9	10	15	16	24,5	4	10	30	33,5	40,1	48,1	10,1	16
K0125.20601	2	M6	12	13,5	17,5	19	28,5	6,5	12,5	41,2	45,2	64,9	74,4	17,6	20
K0125.20801	2	M8	12	13,5	17,5	19	28,5	6,5	12,5	41,2	45,2	64,9	74,4	17,6	20
K0125.30801	3	M8	14	16	21	22	37	10	17	51,6	56,1	80,2	91,2	20,7	22
K0125.31001	3	M10	14	16	21	22	37	10	17	51,6	56,1	80,2	91,2	20,7	22

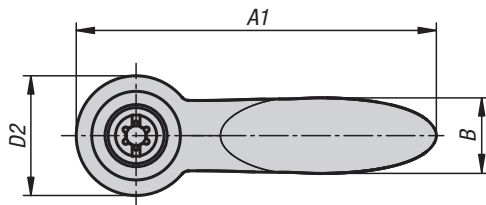
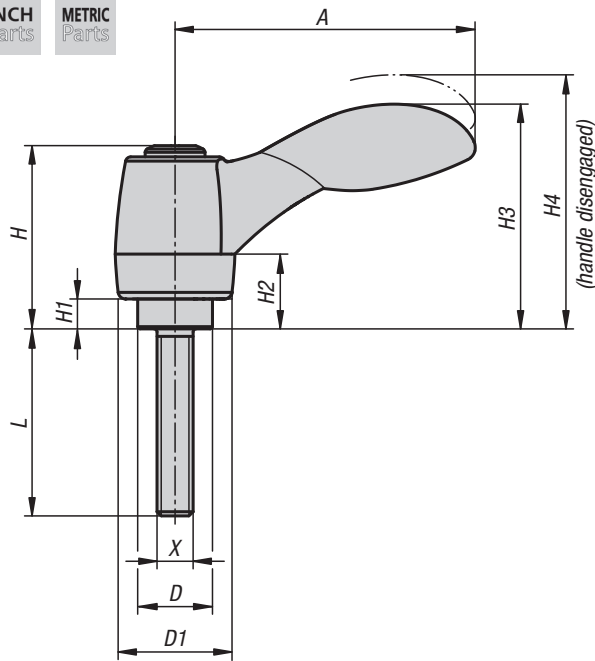
Adjustable Handles 2K "Cockatoo"

two-component with external thread



INCH
Parts

METRIC
Parts



lift to
disengage



Material:

Handle:

Hard component in glass-fibre-reinforced plastic with die cast zinc toothed ring.

Soft component: Thermoflex based on SEBS.

Steel parts:

Quality class 5.8.

Type:

Steel parts black oxide finish.

Part Number Example:

K0125.1A001X10

(include length L)

Note:

The hard and soft components are supplied in black gray RAL 7021 as standard.

On request:

Other external threads, screw lengths, color combinations and special versions.

Dimension "H1" can be produced in other lengths at an additional charge.

KIPP Adjustable Handles 2K with external thread, inch

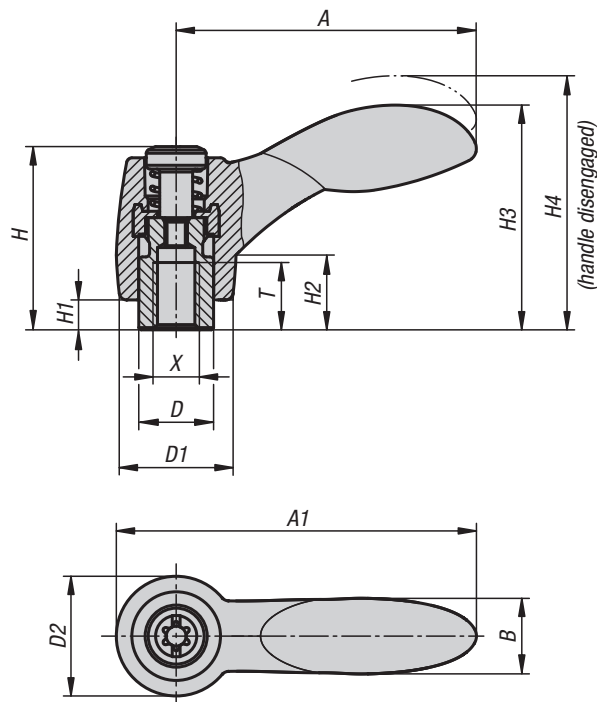
Item No.	Size	X	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth	L
K0125.1A001X	1	10-24	10	15	16	24.5	4	10	30	33.5	40.1	48.1	10.1	16	10/15/20/25/30/35/40/45/50
K0125.1A101X	1	10-32	10	15	16	24.5	4	10	30	33.5	40.1	48.1	10.1	16	10/20/40/35/15/25/50/45/30
K0125.1A201X	1	1/4-20	10	15	16	24.5	4	10	30	33.5	40.1	48.1	10.1	16	10/15/20/25/30/35/40/45/50
K0125.2A201X	2	1/4-20	13.5	17.5	19	28.5	6.5	12.5	41.2	45.2	64.9	74.4	17.6	20	15/20/25/30/35/40/45/50/55/60
K0125.2A301X	2	5/16-18	13.5	17.5	19	28.5	6.5	12.5	41.2	45.2	64.9	74.4	17.6	20	15/20/25/30/35/40/45/50/55/60
K0125.2A401X	2	3/8-16	13.5	17.5	19	28.5	6.5	12.5	41.2	45.2	64.9	74.4	17.6	20	15/20/25/30/35/40/45/50/55/60
K0125.3A301X	3	5/16-18	16	21	22	37	10	17	51.6	56.1	80.2	91.2	20.7	22	15/20/25/30/35/40/45/50/55/60
K0125.3A401X	3	3/8-16	16	21	22	37	10	17	51.6	56.1	80.2	91.2	20.7	22	15/20/25/30/35/40/45/50/55/60

KIPP Adjustable Handles 2K with external thread, metric

Item No.	Size	X	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth	L
K0125.10501X	1	M5	10	15	16	24,5	4	10	30	33,5	40,1	48,1	10,1	16	10/15/20/25/30/35/40/45/50
K0125.10601X	1	M6	10	15	16	24,5	4	10	30	33,5	40,1	48,1	10,1	16	10/15/20/25/30/35/40/45/50
K0125.20601X	2	M6	13,5	17,5	19	28,5	6,5	12,5	41,2	45,2	64,9	74,4	17,6	20	15/20/25/30/35/40/45/50/55/60
K0125.20801X	2	M8	13,5	17,5	19	28,5	6,5	12,5	41,2	45,2	64,9	74,4	17,6	20	15/20/25/30/35/40/45/50/55/60
K0125.21001X	2	M10	13,5	17,5	19	28,5	6,5	12,5	41,2	45,2	64,9	74,4	17,6	20	15/20/25/30/35/40/45/50/55/60
K0125.30801X	3	M8	16	21	22	37	10	17	51,6	56,1	80,2	91,2	20,7	22	15/20/25/30/35/40/45/50/55/60
K0125.31001X	3	M10	16	21	22	37	10	17	51,6	56,1	80,2	91,2	20,7	22	15/20/25/30/35/40/45/50/55/60

Adjustable Handles 2K "Cockatoo"

two-component with internal thread, steel parts in stainless steel



lift to
disengage



Material:

Handle:

Hard component in glass-fibre-reinforced plastic with die cast zinc toothed ring.

Soft component: Thermoflex based on SEBS.

Steel parts:

Stainless steel, 1.4305.

Type:

Steel parts natural finish.

Part Number Example:

K0126.1A001

Note:

The hard and soft components are supplied in black gray RAL 7021 as standard.

On request:

Other internal threads, color combinations and special versions.

Dimension "H1" can be produced in other lengths at an additional charge.

KIPP Adjustable Handles 2K with internal thread, steel parts in stainless steel, inch

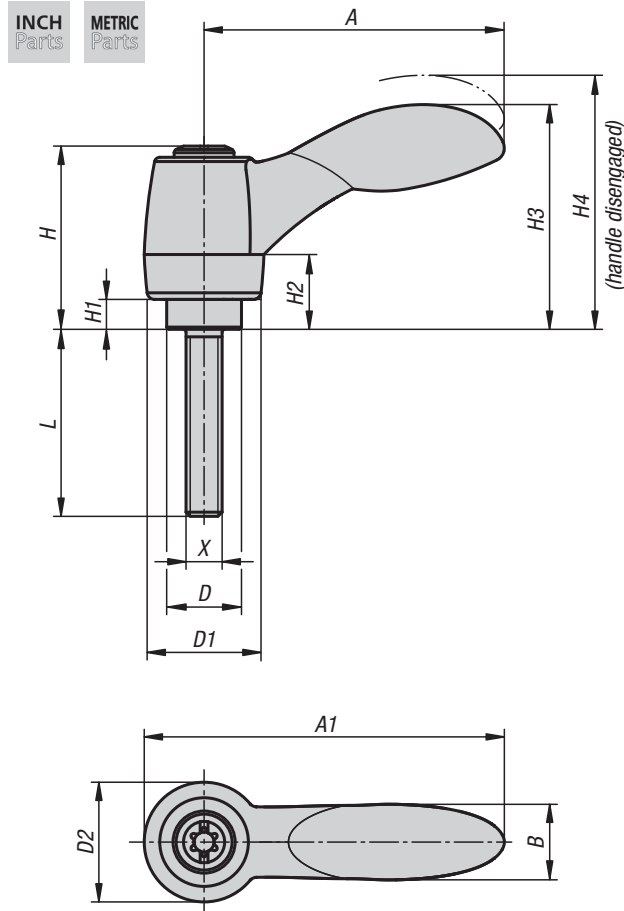
Item No.	Size	X	T	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth
K0126.1A001	1	10-24	9	10	15	16	24.5	4	10	30	33.5	40.1	48.1	10.1	16
K0126.1A101	1	10-32	9	10	15	16	24.5	4	10	30	33.5	40.1	48.1	10.1	16
K0126.1A201	1	1/4-20	9	10	15	16	24.5	4	10	30	33.5	40.1	48.1	10.1	16
K0126.2A201	2	1/4-20	12	13.5	17.5	19	28.5	6.5	12.5	41.2	45.2	64.9	74.4	17.6	20
K0126.2A301	2	5/16-18	12	13.5	17.5	19	28.5	6.5	12.5	41.2	45.2	64.9	74.4	17.6	20
K0126.3A301	3	5/16-18	14	16	21	22	37	10	17	51.6	56.1	80.2	91.2	20.7	22
K0126.3A401	3	3/8-16	14	16	21	22	37	10	17	51.6	56.1	80.2	91.2	20.7	22

KIPP Adjustable Handles 2K with internal thread, steel parts in stainless steel, metric

Item No.	Size	X	T	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth
K0126.10401	1	M4	9	10	15	16	24,5	4	10	30	33,5	40,1	48,1	10,1	16
K0126.10501	1	M5	9	10	15	16	24,5	4	10	30	33,5	40,1	48,1	10,1	16
K0126.10601	1	M6	9	10	15	16	24,5	4	10	30	33,5	40,1	48,1	10,1	16
K0126.20601	2	M6	12	13,5	17,5	19	28,5	6,5	12,5	41,2	45,2	64,9	74,4	17,6	20
K0126.20801	2	M8	12	13,5	17,5	19	28,5	6,5	12,5	41,2	45,2	64,9	74,4	17,6	20
K0126.30801	3	M8	14	16	21	22	37	10	17	51,6	56,1	80,2	91,2	20,7	22
K0126.31001	3	M10	14	16	21	22	37	10	17	51,6	56,1	80,2	91,2	20,7	22

Adjustable Handles 2K "Cockatoo"

two-component with external thread, steel parts in stainless steel



Material:

Handle:

Hard component in glass-fibre-reinforced plastic with die cast zinc toothed ring.

Soft component: Thermoflex based on SEBS.

Steel parts:

Stainless steel 1.4305

Type:

Steel parts natural finish.

Part Number Example:

K0126.1A001X10

(include length L)

Note:

The hard and soft components are supplied in black gray RAL 7021 as standard.

On request:

Other external threads, screw lengths, color combinations and special versions.

Dimension "H1" can be produced in other lengths at an additional charge.

KIPP Adjustable Handles 2K with external thread, steel parts in stainless steel, inch

Item No.	Size	X	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth	L
K0126.1A001X	1	10-24	10	15	16	24.5	4	10	30	33.5	40.1	48.1	10.1	16	10/15/20/25
K0126.1A101X	1	10-32	10	15	16	24.5	4	10	30	33.5	40.1	48.1	10.1	16	10/15/20/25
K0126.1A201X	1	1/4-20	10	15	16	24.5	4	10	30	33.5	40.1	48.1	10.1	16	10/15/20/25/30/40/50
K0126.2A201X	2	1/4-20	13.5	17.5	19	28.5	6.5	12.5	41.2	45.2	64.9	74.4	17.6	20	15/20/25/30/40/50/60
K0126.2A301X	2	5/16-18	13.5	17.5	19	28.5	6.5	12.5	41.2	45.2	64.9	74.4	17.6	20	15/20/25/30/40/50/60
K0126.2A401X	2	3/8-16	13.5	17.5	19	28.5	6.5	12.5	41.2	45.2	64.9	74.4	17.6	20	20/25/30/40/50/60
K0126.3A301X	3	5/16-18	16	21	22	37	10	17	51.6	56.1	80.2	91.2	20.7	22	20/25/30/40/50/60
K0126.3A401X	3	3/8-16	16	21	22	37	10	17	51.6	56.1	80.2	91.2	20.7	22	20/25/30/40/50/60

KIPP Adjustable Handles 2K with external thread, steel parts in stainless steel, metric

Item No.	Size	X	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth	L
K0126.10501X	1	M5	10	15	16	24,5	4	10	30	33,5	40,1	48,1	10,1	16	10/15/20/25
K0126.10601X	1	M6	10	15	16	24,5	4	10	30	33,5	40,1	48,1	10,1	16	10/15/20/25/30/40/50
K0126.20601X	2	M6	13,5	17,5	19	28,5	6,5	12,5	41,2	45,2	64,9	74,4	17,6	20	15/20/25/30/40/50/60
K0126.20801X	2	M8	13,5	17,5	19	28,5	6,5	12,5	41,2	45,2	64,9	74,4	17,6	20	15/20/25/30/40/50/60
K0126.21001X	2	M10	13,5	17,5	19	28,5	6,5	12,5	41,2	45,2	64,9	74,4	17,6	20	20/25/30/40/50/60
K0126.30801X	3	M8	16	21	22	37	10	17	51,6	56,1	80,2	91,2	20,7	22	20/25/30/40/50/60
K0126.31001X	3	M10	16	21	22	37	10	17	51,6	56,1	80,2	91,2	20,7	22	20/25/30/40/50/60

Adjustable Handles "TOUCAN"

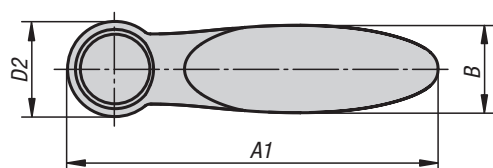
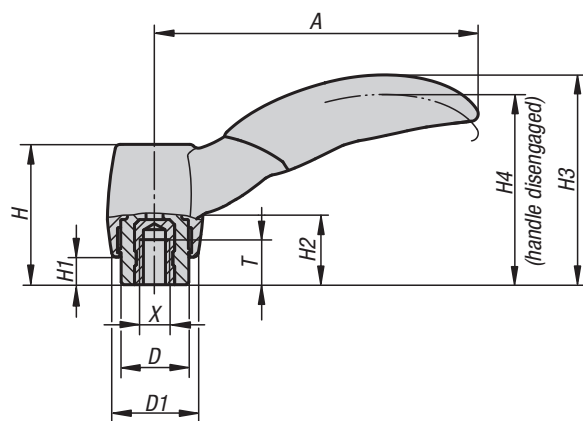
internal thread



INCH
Parts

METRIC
Parts

New Item



Press to
disengage

**Material:**

Handle and insert reinforced plastic.

For size 1 and 2, brass bush.

For size 3, steel bush.

Type:

Steel blue chromate.

Part Number Example:

K0252.1AE1

Note:

Standard color is black
gray RAL 7021.

On request:

Other internal threads, colors and
special versions at an additional charge.

KIPP Adjustable Handles "TOUCAN" internal thread, inch

Item No.	Size	X	T	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth
K0252.1AE1	1	8-32	6	10	12.6	14.1	21.7	5	11.3	32	29.1	47.9	55	13	12
K0252.1A11	1	10-32	6	10	12.6	14.1	21.7	5	11.3	32	29.1	47.9	55	13	12
K0252.2A11	2	10-32	7.5	13.5	17	19	28	5.5	14	41.9	38	64.5	74	17.5	12
K0252.2A21	2	1/4-20	9	13.5	17	19	28	5.5	14	41.9	38	64.5	74	17.5	12
K0252.2A31	2	5/16-18	9	13.5	17	19	28	5.5	14	41.9	38	64.5	74	17.5	12
K0252.3A31	3	5/16-18	14.5	17	20.4	23.9	40.7	10	23.1	58.1	53.3	81.1	93	22	12
K0252.3A41	3	3/8-16	14.5	17	20.4	23.9	40.7	10	23.1	58.1	53.3	81.1	93	22	12

KIPP Adjustable Handles "TOUCAN" internal thread, metric

Item No.	Size	X	T	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth
K0252.1041	1	M4	6	10	12,6	14,1	21,7	5	11,3	32	29,1	47,9	55	13	12
K0252.1051	1	M5	6	10	12,6	14,1	21,7	5	11,3	32	29,1	47,9	55	13	12
K0252.2051	2	M5	7,5	13,5	17	19	28	5,5	14	41,9	38	64,5	74	17,5	12
K0252.2061	2	M6	9	13,5	17	19	28	5,5	14	41,9	38	64,5	74	17,5	12
K0252.2081	2	M8	9	13,5	17	19	28	5,5	14	41,9	38	64,5	74	17,5	12
K0252.3081	3	M8	14,5	17	20,4	23,9	40,7	10	23,1	58,1	53,3	81,1	93	22	12
K0252.3101	3	M10	14,5	17	20,4	23,9	40,7	10	23,1	58,1	53,3	81,1	93	22	12

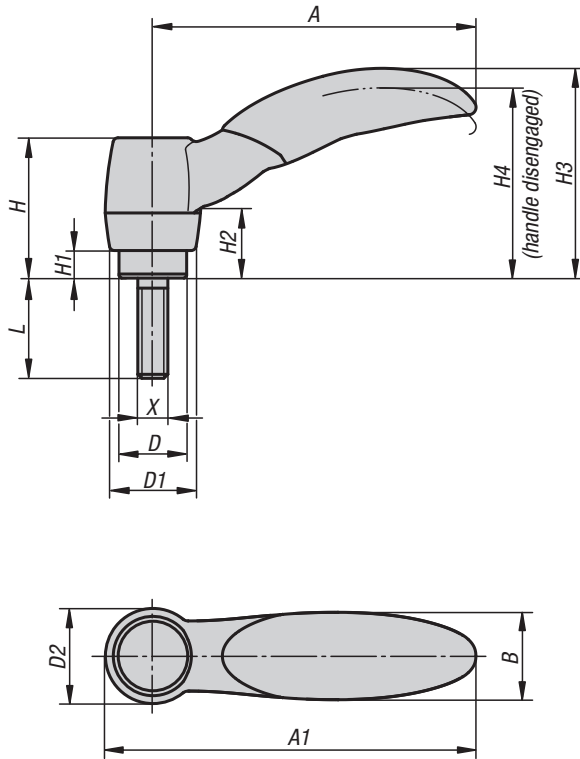
Adjustable Handles "TOUCAN"

external thread

INCH
Parts

METRIC
Parts

New Item



Press to
disengage

**Material:**

Handle and insert reinforced plastic.
Steel parts quality class 5.8.

Type:

Steel blue chromate.

Part Number Example:

K0252.1041X10
(include length L)

Note:

Standard color is black
gray RAL 7021.

On request:

Other external threads, colors and
special versions at an additional charge.

KIPP Adjustable Handles "TOUCAN" external thread, inch

Item No.	Size	X	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth	L
K0252.1AE1X	1	8-32	10	12.6	14.1	21.7	5	11.3	32	29.1	47.9	55	13	12	10/20
K0252.1A11X	1	10-32	10	12.6	14.1	21.7	5	11.3	32	29.1	47.9	55	13	12	10/20
K0252.2A11X	2	10-32	13.5	17	19	28	5.5	14	41.9	38	64.5	74	17.5	12	20/30/40
K0252.2A21X	2	1/4-20	13.5	17	19	28	5.5	14	41.9	38	64.5	74	17.5	12	20/30/40
K0252.2A31X	2	5/16-18	13.5	17	19	28	5.5	14	41.9	38	64.5	74	17.5	12	20/30/40
K0252.3A31X	3	5/16-18	17	20.4	23.9	40.7	10	23.1	58.1	53.3	81.1	93	22	12	20/40/60
K0252.3A41X	3	3/8-16	17	20.4	23.9	40.7	10	23.1	58.1	53.3	81.1	93	22	12	20/40/60

KIPP Adjustable Handles "TOUCAN" external thread, metric

Item No.	Size	X	D	D1	D2	H	H1	H2	H3	H4	A	A1	B	No. of teeth	L
K0252.1041X	1	M4	10	12,6	14,1	21,7	5	11,3	32	29,1	47,9	55	13	12	10/15/20
K0252.1051X	1	M5	10	12,6	14,1	21,7	5	11,3	32	29,1	47,9	55	13	12	10/15/20/25
K0252.2051X	2	M5	13,5	17	19	28	5,5	14	41,9	38	64,5	74	17,5	12	10/15/20/25/30/40
K0252.2061X	2	M6	13,5	17	19	28	5,5	14	41,9	38	64,5	74	17,5	12	10/15/20/25/30/40
K0252.2081X	2	M8	13,5	17	19	28	5,5	14	41,9	38	64,5	74	17,5	12	10/15/20/25/30/40
K0252.3081X	3	M8	17	20,4	23,9	40,7	10	23,1	58,1	53,3	81,1	93	22	12	20/25/30/40/50/60
K0252.3101X	3	M10	17	20,4	23,9	40,7	10	23,1	58,1	53,3	81,1	93	22	12	20/25/30/40/50/60

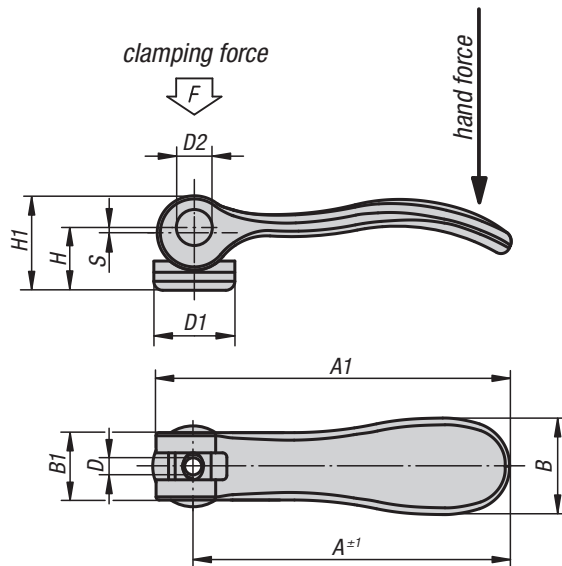
Cam Levers

with internal and external thread

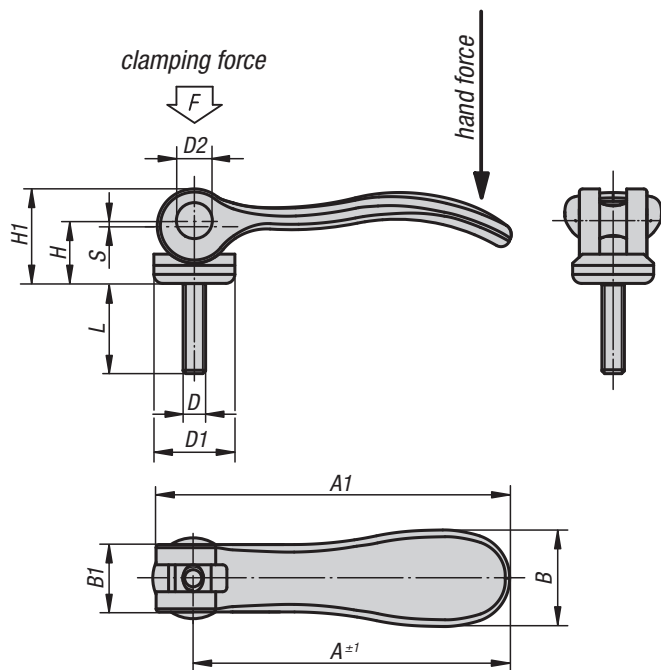
INCH
Parts

METRIC
Parts

Cam Lever
with internal thread



Cam Lever
with external thread



Material:

Handles cast aluminum EN AC-46200.
Thrust washer plastic PA 66 GF 35-X fibreglass reinforced.
Hinge pin stainless steel 1.4305.
Studs and washer steel quality class 5.8 or stainless steel 1.4305.

Type:

Handle black powder-coated;
thrust washer black;
hinge pin natural finish;
threaded stud and washer in steel blue chromate or stainless steel natural finish

Part Number Example:

K0005.95011ADX10
(include length L)

Note:

Plastic materials are subject to creep under compression (Retardation).

Cam Levers

with internal and external thread

KIPP Cam Levers, internal thread, inch

Item No. steel	Item No. stainless steel	D	D1	D2	B	B1	H	H1	A	A1	Stroke S	Clamping force F (kN)	Hand force N
K0005.95011AD	K0005.95111AD	6-32	12	6	14.4	11.5	9	13	36.2	41.7	1	1.5	90
K0005.95011AE	K0005.95111AE	8-32	12	6	14.4	11.5	9	13	36.2	41.7	1	1.5	90
K0005.05011AE	K0005.05111AE	8-32	15.4	8	18	13	11.2	17	52.3	59.1	1	2.5	100
K0005.05011A0	K0005.05111A0	10-24	15.4	8	18	13	11.2	17	52.3	59.1	1	2.5	100
K0005.05011A1	K0005.05111A1	10-32	15.4	8	18	13	11.2	17	52.3	59.1	1	2.5	100
K0005.15011A1	K0005.15111A1	10-32	18.1	9	21.5	15	14.5	22	70.4	79.2	1.2	4	120
K0005.15011A2	K0005.15111A2	1/4-20	18.1	9	21.5	15	14.5	22	70.4	79.2	1.2	4	120
K0005.25011A3	K0005.25111A3	5/16-18	27.1	11	33.3	24	18	28.5	96	108	1.5	8	350

KIPP Cam Levers, external thread, inch

Item No. Stahl	Item No. Edelstahl	D	D1	D2	B	B1	H	H1	A	A1	Stroke S	L	Clamping force F (kN)	Hand force N
K0005.95011ADX	K0005.95111ADX	6-32	12	6	14.4	11.5	9	13	36.2	41.7	1	10/15/30	1.5	90
K0005.95011AEX	K0005.95111AEX	8-32	12	6	14.4	11.5	9	13	36.2	41.7	1	10/15/30	1.5	90
K0005.05011AEX	K0005.05111AEX	8-32	15.4	8	18	13	11.2	17	52.3	59.1	1	15/20/30	2.5	100
K0005.05011A0X	K0005.05111A0X	10-24	15.4	8	18	13	11.2	17	52.3	59.1	1	20/30/40/50	2.5	100
K0005.05011A1X	K0005.05111A1X	10-32	15.4	8	18	13	11.2	17	52.3	59.1	1	20/30/40/50	2.5	100
K0005.15011A1X	K0005.15111A1X	10-32	18.1	9	21.5	15	14.5	22	70.4	79.2	1.2	20/30/40/50	4	120
K0005.15011A2X	K0005.15111A2X	1/4-20	18.1	9	21.5	15	14.5	22	70.4	79.2	1.2	20/30/40/50	4	120
K0005.25011A3X	K0005.25111A3X	5/16-18	27.1	11	33.3	24	18	28.5	96	108	1.5	25/30/40/50	8	350
K0005.25011A4X	K0005.25111A4X	3/8-16	27.1	11	33.3	24	18	28.5	96	108	1.5	25/30/40/50	8	350

KIPP Cam Levers, internal thread, metric

Item No. steel	Item No. stainless steel	D	D1	D2	B	B1	H	H1	A	A1	Stroke S	Clamping force F (kN)	Hand force N
K0005.9501103	K0005.9511103	M3	12	6	14.4	11.5	9	13	36.2	41.7	1	1.5	90
K0005.9501104	K0005.9511104	M4	12	6	14.4	11.5	9	13	36.2	41.7	1	1.5	90
K0005.0501104	K0005.0511104	M4	15.4	8	18	13	11.2	17	52.3	59.1	1	2.5	100
K0005.0501105	K0005.0511105	M5	15.4	8	18	13	11.2	17	52.3	59.1	1	2.5	100
K0005.1501105	K0005.1511105	M5	18.1	9	21.5	15	14.5	22	70.4	79.2	1.2	4	120
K0005.1501106	K0005.1511106	M6	18.1	9	21.5	15	14.5	22	70.4	79.2	1.2	4	120
K0005.2501108	K0005.2511108	M8	27.1	11	33.3	24	18	28.5	96	108	1.5	8	350

KIPP Cam Levers, external thread, metric

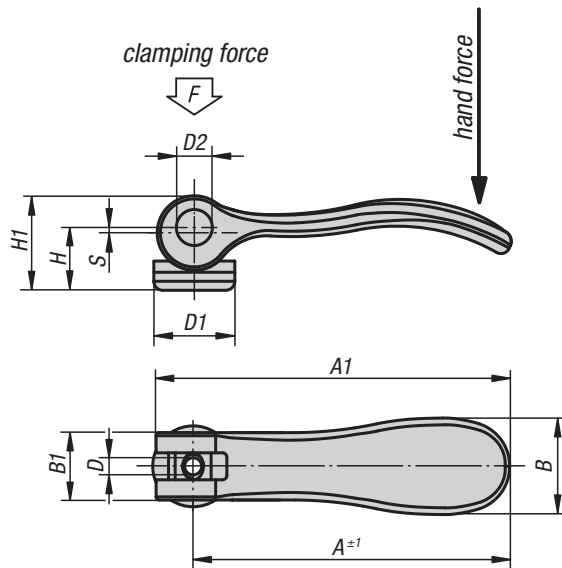
Item No. steel	Item No. stainless steel	D	D1	D2	B	B1	H	H1	A	A1	Stroke S	L	Clamping force F (kN)	Hand force N
K0005.9501103X	K0005.9511103X	M3	12	6	14.4	11.5	9	13	36.2	41.7	1	10/15/30	1.5	90
K0005.9501104X	K0005.9511104X	M4	12	6	14.4	11.5	9	13	36.2	41.7	1	10/15/30	1.5	90
K0005.0501104X	K0005.0511104X	M4	15.4	8	18	13	11.2	17	52.3	59.1	1	15/20/30	2.5	100
K0005.0501105X	K0005.0511105X	M5	15.4	8	18	13	11.2	17	52.3	59.1	1	20/30/40/50	2.5	100
K0005.1501105X	K0005.1511105X	M5	18.1	9	21.5	15	14.5	22	70.4	79.2	1.2	20/30/40/50	4	120
K0005.1501106X	K0005.1511106X	M6	18.1	9	21.5	15	14.5	22	70.4	79.2	1.2	20/30/40/50	4	120
K0005.2501108X	K0005.2511108X	M8	27.1	11	33.3	24	18	28.5	96	108	1.5	25/30/40/50	8	350
K0005.2501110X	K0005.2511110X	M10	27.1	11	33.3	24	18	28.5	96	108	1.5	25/30/40/50	8	350

Cam Levers in stainless steel

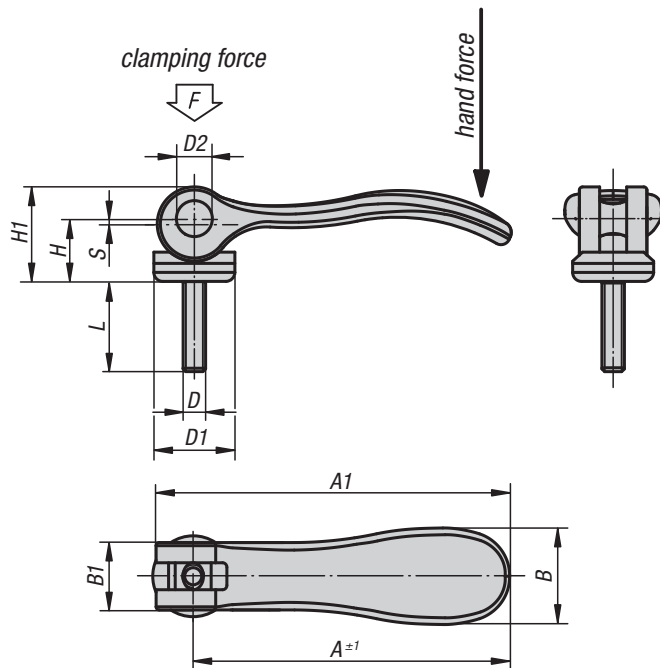
with internal and external thread



Cam Lever
with internal thread



Cam Lever
with external thread



Material:

Handle 1.4308;
thrust washer in glass-fibre reinforced plastic PA
66 GF 35-X;
hinge pin, threaded stud and washer 1.4305

Type:

Handle electrolytic polished;
thrust washer black;
hinge pin, threaded stud and washer natural finish

Part Number Example:

K0645.15120A1X20
(include length L)

Note:

Plastic materials are subject to creep under
compression (Retardation).

Cam Levers in stainless steel

with internal and external thread

KIPP Cam Levers in stainless steel with internal thread, inch

Item No.	D	D1	D2	B	B1	H	H1	A	A1	Stroke S	Clamping force F (kN)	Hand force N
K0645.15120A1	10-32	18.1	9	21.5	15	14.5	22	70.4	79.2	1.2	4	120
K0645.15120A2	1/4-20	18.1	9	21.5	15	14.5	22	70.4	79.2	1.2	4	120
K0645.25120A3	5/16-18	27.1	11	33.3	24	18	28.5	96	108	1.5	8	350

KIPP Cam Levers in stainless steel with external thread, inch

Item No.	D	D1	D2	B	B1	H	H1	A	A1	Stroke S	L	Clamping force F (kN)	Hand force N
K0645.15120A1X	10-32	18.1	9	21.5	15	14.5	22	70.4	79.2	1.2	20/30/40/50	4	120
K0645.15120A2X	1/4-20	18.1	9	21.5	15	14.5	22	70.4	79.2	1.2	20/30/40/50	4	120
K0645.25120A3X	5/16-18	27.1	11	33.3	24	18	28.5	96	108	1.5	25/30/40/50	8	350
K0645.25120A4X	3/8-16	27.1	11	33.3	24	18	28.5	96	108	1.5	25/30/40/50	8	350

KIPP Cam Levers in stainless steel with internal thread, metric

Item No.	D	D1	D2	B	B1	H	H1	A	A1	Stroke S	Clamping force F (kN)	Hand force N
K0645.1512005	M5	18,1	9	21,5	15	14,5	22	70,4	79,2	1,2	4	120
K0645.1512006	M6	18,1	9	21,5	15	14,5	22	70,4	79,2	1,2	4	120
K0645.2512008	M8	27,1	11	33,3	24	18	28,5	96	108	1,5	8	350

KIPP Cam Levers in stainless steel with external thread, metric

Item No.	D	D1	D2	B	B1	H	H1	A	A1	Stroke S	L	Clamping force F (kN)	Hand force N
K0645.1512005X	M5	18,1	9	21,5	15	14,5	22	70,4	79,5	1,2	20/30/40/50	4	120
K0645.1512006X	M6	18,1	9	21,5	15	14,5	22	70,4	79,5	1,2	20/30/40/50	4	120
K0645.2512008X	M8	27,1	11	33,3	24	18	28,5	96	108	1,5	25/30/40/50	8	350
K0645.2512010X	M10	27,1	11	33,3	24	18	28,5	96	108	1,5	25/30/40/50	8	350

Cam Levers with plastic handle

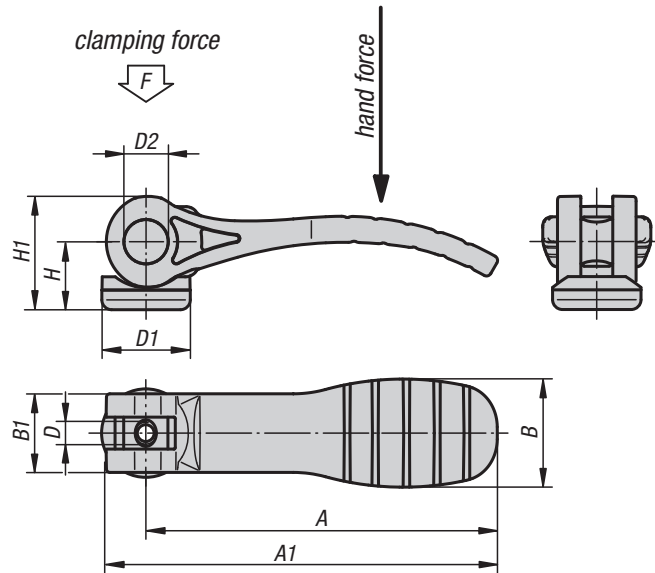
with internal and external thread, steel or stainless steel

INCH
Parts

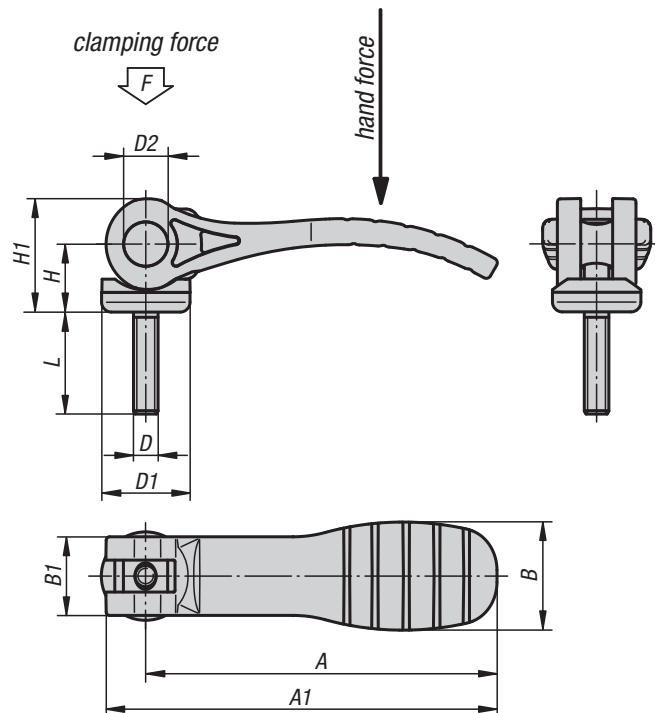
METRIC
Parts



Cam Lever
with internal thread



Cam Lever
with external thread



Material:

Handles and thrust washer plastic PA 66
fibreglass reinforced.
Hinge pins stainless steel 1.4305.
Studs and washer steel quality class 5.8 or
stainless steel 1.4305.

Type:

Handle and thrust washer black;
hinge pin natural finish;
threaded stud and washer in steel blue
chromate or stainless steel natural finish

Part Number Example:

K0646.15211A1X20
(include length L)

Note:

Plastics are subject to creeping under
load (retardation), this can cause reduced
clamping force.

Cam Levers with plastic handle

with internal and external thread, steel or stainless steel

KIPP Cam Levers with plastic handle and internal thread, inch

Item No. steel	Item No. stainless steel	D	D1	D2	B	B1	H	H1	A	A1	Stroke	Clamping force F (kN)	Hand force N
K0646.15211A1	K0646.15311A1	10-32	18.1	9	22	16	14	23.4	71.5	79.6	1.15	2.5	125
K0646.15211A2	K0646.15311A2	1/4-20	18.1	9	22	16	14	23.4	71.5	79.6	1.15	2.5	125
K0646.25211A3	K0646.25311A3	5/16-18	27.1	11	33	24.2	16.2	27.7	100	110	1.5	5	170

KIPP Cam Levers with plastic handle and external thread, inch

Item No. steel	Item No. stainless steel	D	D1	D2	B	B1	H	H1	A	A1	Stroke	L	Clamping force F (kN)	Hand force N
K0646.15211A1X	K0646.15311A1X	10-32	18.1	9	22	16	14	23.4	71.5	79.6	1.15	20/30/40/50	2.5	125
K0646.15211A2X	K0646.15311A2X	1/4-20	18.1	9	22	16	14	23.4	71.5	79.6	1.15	20/30/40/50	2.5	125
K0646.25211A3X	K0646.25311A3X	5/16-18	27.1	11	33	24.2	16.2	27.7	100	110	1.5	25/30/40/50	5	170
K0646.25211A4X	K0646.25311A4X	3/8-16	27.1	11	33	24.2	16.2	27.7	100	110	1.5	25/30/40/50	5	170

KIPP Cam Levers with plastic handle and internal thread, metric

Item No. steel	Item No. stainless steel	D	D1	D2	B	B1	H	H1	A	A1	Stroke	Clamping force F (kN)	Hand force N
K0646.1521105	K0646.1531105	M5	18,1	9	22	16	14	23,4	71,5	79,6	1,15	2,5	125
K0646.1521106	K0646.1531106	M6	18,1	9	22	16	14	23,4	71,5	79,6	1,15	2,5	125
K0646.2521108	K0646.2531108	M8	27,1	11	33	24,2	16,2	27,7	100	110	1,5	5	170

KIPP Cam Levers with plastic handle and external thread, metric

Item No. steel	Item No. stainless steel	D	D1	D2	B	B1	H	H1	A	A1	Stroke	L	Clamping force F (kN)	Hand force N
K0646.1521105X	K0646.1531105X	M5	18,1	9	22	16	14	23,4	71,5	79,6	1,15	20/30/40/50	2,5	125
K0646.1521106X	K0646.1531106X	M6	18,1	9	22	16	14	23,4	71,5	79,6	1,15	20/30/40/50	2,5	125
K0646.2521108X	K0646.2531108X	M8	27,1	11	33	24,2	16,2	27,7	100	110	1,5	25/30/40/50	5	170
K0646.2521110X	K0646.2531110X	M10	27,1	11	33	24,2	16,2	27,7	100	110	1,5	25/30/40/50	5	170

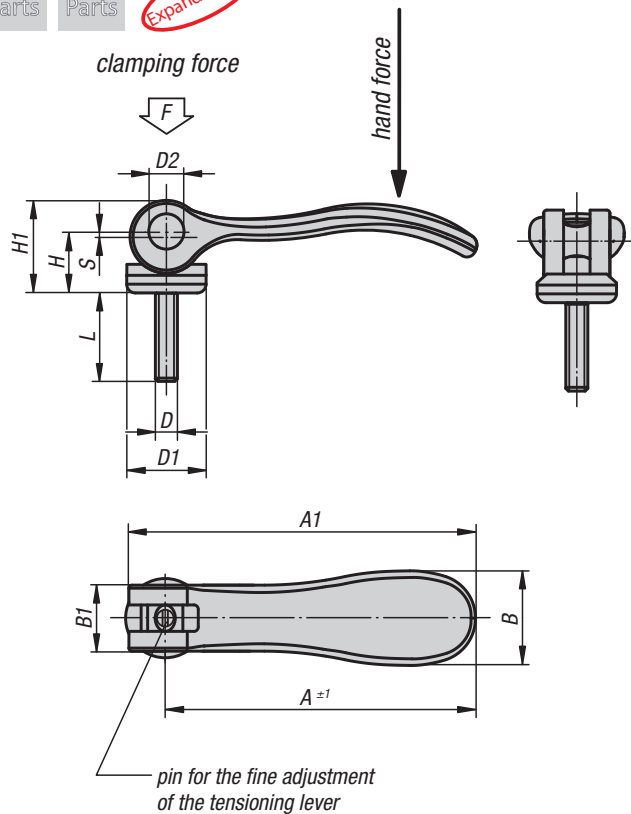
Adjustable Cam Levers

with external thread, steel or stainless steel

INCH
Parts

METRIC
Parts

Expanded Line



Material:

Handles cast aluminium EN AC-46200;
thrust washer plastic PA 66 GF 35-X fibreglass reinforced;
hinge pins stainless steel 1.4305;
studs and washer steel quality class 5.8 or stainless steel 1.4305

Type:

Handles powder-coated black;
thrust washer black;
hinge pins natural finish;
studs and washer steel blue chromate
or stainless steel natural finish

Part Number Example:

K0006.95011ADX
(include length L)

Note:

Adjustable Cam Levers are unique from the original Cam Lever Series in that Adjustable Cam Levers have a screwdriver slot located at the top end of the stud to allow for fine adjustment when clamping space is limited. Plastic materials are subject to creep under compression (Retardation).

KIPP Adjustable Cam Levers with external thread, inch

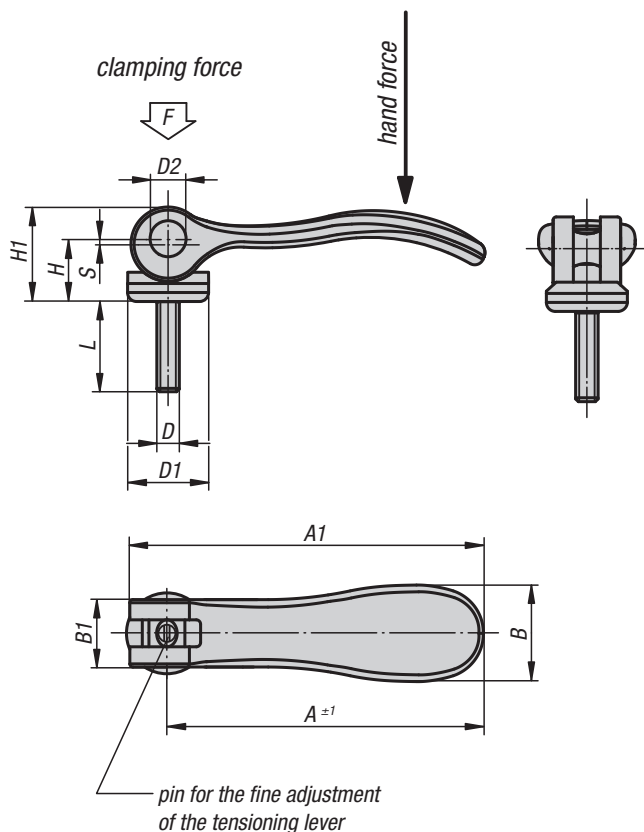
Item No. steel	Item No. stainless steel	D	D1	D2	B	B1	H	H1	A	A1	Stroke S	L	Clamping force F (kN)	Hand force N
K0006.95011ADX	K0006.95111ADX	6-32	12	6	14.4	11.5	9	13	36.2	41.7	1	10/15/30	1.5	90
K0006.95011AEX	K0006.95111AEX	8-32	12	6	14.4	11.5	9	13	36.2	41.7	1	10/15/30	1.5	90
K0006.05011AEX	K0006.05111AEX	8-32	15.4	8	18	13	11.2	17	52.3	59.1	1	15/20/30	2.5	100
K0006.05011A0X	K0006.05111A0X	10-24	15.4	8	18	13	11.2	17	52.3	59.1	1	20/30/40/50	2.5	100
K0006.05011A1X	K0006.05111A1X	10-32	15.4	8	18	13	11.2	17	52.3	59.1	1	20/30/40/50	2.5	100
K0006.15011A1X	K0006.15111A1X	10-32	18.1	9	21.5	15	14.5	22	70.4	79.2	1.2	20/30/40/50	4	120
K0006.15011A2X	K0006.15111A2X	1/4-20	18.1	9	21.5	15	14.5	22	70.4	79.2	1.2	20/30/40/50	4	120
K0006.25011A3X	K0006.25111A3X	5/16-18	27.1	11	33.3	24	18	28.5	96	108	1.5	25/30/40/50	8	350
K0006.25011A4X	K0006.25111A4X	3/8-16	27.1	11	33.3	24	18	28.5	96	108	1.5	25/30/40/50	8	350

KIPP Adjustable Cam Levers with external thread, metric

Item No. steel	Item No. stainless steel	D	D1	D2	B	B1	H	H1	A	A1	Stroke S	L	Clamping force F (kN)	Hand force N
K0006.9501103X	K0006.9511103X	M3	12	6	14,4	11,5	9	13	36,2	41,7	1	10/15/30	1,5	90
K0006.9501104X	K0006.9511104X	M4	12	6	14,4	11,5	9	13	36,2	41,7	1	10/15/30	1,5	90
K0006.0501104X	K0006.0511104X	M4	15,4	8	18	13	11,2	17	52,3	59,1	1	15/20/30	2,5	100
K0006.0501105X	K0006.0511105X	M5	15,4	8	18	13	11,2	17	52,3	59,1	1	20/30/40/50	2,5	100
K0006.1501105X	K0006.1511105X	M5	18,1	9	21,5	15	14,5	22	70,4	79,2	1,2	20/30/40/50	4	120
K0006.1501106X	K0006.1511106X	M6	18,1	9	21,5	15	14,5	22	70,4	79,2	1,2	20/30/40/50	4	120
K0006.2501108X	K0006.2511108X	M8	27,1	11	33,3	24	18	28,5	96	108	1,5	25/30/40/50	8	350
K0006.2501110X	K0006.2511110X	M10	27,1	11	33,3	24	18	28,5	96	108	1,5	25/30/40/50	8	350

Adjustable Cam Levers in stainless steel

with external thread



Material:

Handle 1.4308;
thrust washer in glass-fibre reinforced plastic
PA 66 GF 35-X;
hinge pin, threaded stud and washer 1.4305

Type:

Handle electrolytic polished;
thrust washer black;
hinge pin, threaded stud and washer natural
finish

Part Number Example:

K0647.15120A1X20
(include length L)

Note:

Adjustable Cam Levers are unique from the original Cam Lever Series in that Adjustable Cam Levers have a screwdriver slot located at the top end of the stud to allow for fine adjustment when clamping space is limited. Plastic materials are subject to creep under compression (Retardation).

KIPP Adjustable Cam Levers with external thread, all stainless steel, inch

Item No.	D	D1	D2	B	B1	H	H1	A	A1	Stroke S	L	Clamping force F (kN)	Hand force N
K0647.15120A1X	10-32	18.1	9	21.5	15	14.5	22	70.4	79.2	1.2	20/30/40/50	4	120
K0647.15120A2X	1/4-20	18.1	9	21.5	15	14.5	22	70.4	79.2	1.2	20/30/40/50	4	120
K0647.25120A3X	5/16-18	27.1	11	33.3	24	18	28.5	96	108	1.5	25/30/40/50	8	350
K0647.25120A4X	3/8-16	27.1	11	33.3	24	18	28.5	96	108	1.5	25/30/40/40	8	350

KIPP Adjustable Cam Levers with external thread, all stainless steel, metric

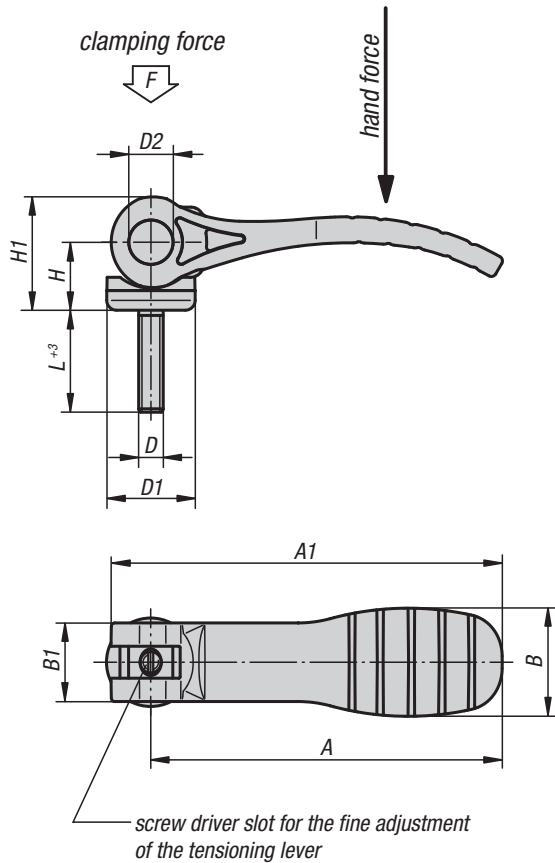
Item No.	D	D1	D2	B	B1	H	H1	A	A1	Stroke S	L	Clamping force F (kN)	Hand force N
K0647.1512005X	M5	18,1	9	21,5	15	14,5	22	70,4	79,2	1,2	20/30/40/50	4	120
K0647.1512006X	M6	18,1	9	21,5	15	14,5	22	70,4	79,2	1,2	20/30/40/50	4	120
K0647.2512008X	M8	27,1	11	33,3	24	18	28,5	96	108	1,5	25/30/40/50	8	350
K0647.2512010X	M10	27,1	11	33,3	24	18	28,5	96	108	1,5	25/30/40/40	8	350

Adjustable Cam Levers with plastic handle

with external thread, steel or stainless steel

INCH
Parts

METRIC
Parts



Material:

Handles and thrust washer plastic PA 66 fibreglass reinforced;
hinge pins stainless steel 1.4305;
studs and washer steel quality class 5.8
or stainless steel 1.4305

Type:

Handle and thrust washer black;
hinge pin natural finish;
threaded stud and washer in steel blue chromate
or stainless steel natural finish

Part Number Example:

K0648.15211A1X20 (include length L)

Note:

Adjustable Cam Levers are unique from the original Cam Lever Series in that Adjustable Cam Levers have a screwdriver slot located at the top end of the stud to allow for fine adjustment when clamping space is limited.

Plastics are subject to creeping under compression (retardation), this can cause reduced clamping force.

KIPP Adjustable Cam Levers with plastic handle with external thread, inch

Item No. steel	Item No. stainless steel	D	D1	D2	B	B1	H	H1	A	A1	Stroke	L	Clamping force F (kN)	Hand force N
K0648.15211A1X	K0648.15311A1X	10-32	18.1	9	22	16	14	23.4	71.5	79.6	1.15	20/30/40/50	2.5	125
K0648.15211A2X	K0648.15311A2X	1/4-20	18.1	9	22	16	14	23.4	71.5	79.6	1.15	20/30/40/50	2.5	125
K0648.25211A3X	K0648.25311A3X	5/16-18	27.1	11	33	24.2	16.2	27.7	100	110	1.5	25/30/40/50	5	170
K0648.25211A4X	K0648.25311A4X	3/8-16	27.1	11	33	24.2	16.2	27.7	100	110	1.5	25/30/40/50	5	170

KIPP Adjustable Cam Levers with plastic handle with external thread, metric

Item No. steel	Item No. stainless steel	D	D1	D2	B	B1	H	H1	A	A1	Stroke	L	Clamping force F (kN)	Hand force N
K0648.1521105X	K0648.1531105X	M5	18,1	9	22	16	14	23,4	71,5	79,6	1,15	20/30/40/50	2,5	125
K0648.1521106X	K0648.1531106X	M6	18,1	9	22	16	14	23,4	71,5	79,6	1,15	20/30/40/50	2,5	125
K0648.2521108X	K0648.2531108X	M8	27,1	11	33	24	16,2	27,7	100	110	1,5	25/30/40/50	5	170
K0648.2521110X	K0648.2531110X	M10	27,1	11	33	24	16,2	27,7	100	110	1,5	25/30/40/50	5	170

Knurled Nuts

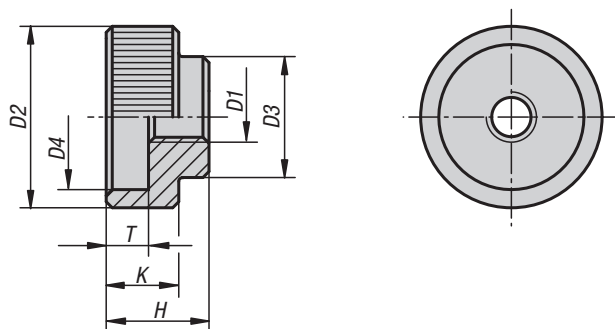
in steel or stainless steel, DIN 6303

INCH
Parts

METRIC
Parts



Style A
without pin hole



Material:

Free-cutting steel 1.0718.

Stainless steel 1.4305.

Type:

Free-cutting steel black oxide finish.

Stainless steel natural finish.

Part Number Example:

K0137.1A02

KIPP Knurled Nuts, in stainless steel, DIN 6303, inch

Item No.	Material	D1	D2	D3	D4	H	K	T
K0137.1A02	stainless steel	10-24	20	14	15	12	8	5
K0137.1A22	stainless steel	1/4-20	24	16	18	14	10	6
K0137.1A32	stainless steel	5/16-18	30	20	24	17	12	7
K0137.1A42	stainless steel	3/8-16	36	28	30	20	14	8
K0137.1A52	stainless steel	1/2-13	40	32	34	24	16	10

KIPP Knurled Nuts, in steel or stainless steel, DIN 6303, metric

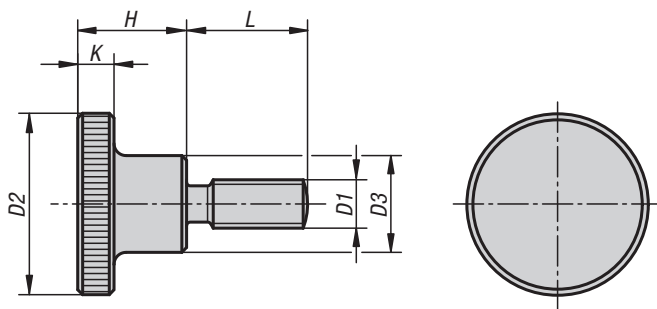
Item No.	Material	D1	D2	D3	D4	H	K	T
K0137.105	steel	M5	20	14	15	12	8	5
K0137.106	steel	M6	24	16	18	14	10	6
K0137.108	steel	M8	30	20	24	17	12	7
K0137.110	steel	M10	36	28	30	20	14	8
K0137.112	steel	M12	40	32	34	24	16	10
K0137.1052	stainless steel	M5	20	14	15	12	8	5
K0137.1062	stainless steel	M6	24	16	18	14	10	6
K0137.1082	stainless steel	M8	30	20	24	17	12	7
K0137.1102	stainless steel	M10	36	28	30	20	14	8
K0137.1122	stainless steel	M12	40	32	34	24	16	10

Knurled Thumb Screws

in steel or stainless steel, DIN 464

INCH
Parts

METRIC
Parts



Material:

Free-cutting steel 1.0718.
Stainless steel 1.4305.

Type:

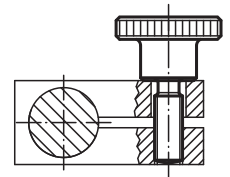
Free-cutting steel black oxide finish.
Stainless steel natural finish.

Part Number Example:

K0140.AE2X10
(include length L)

Note:

* The knurled thumb screw is supplied with shaft in this length (no thread undercut)



KIPP Knurled Thumb Screws, in stainless steel, DIN 464, inch

Item No. stainless steel	D1	D2	D3	L	H	K
K0140.AE2X	8-32	16	8	10/16/20*	9.5	3.5
K0140.A02X	10-24	20	10	10/16/20*	11.5	4
K0140.A22X	1/4-20	24	12	10/16/20/25*	15	5
K0140.A32X	5/16-18	30	16	16/20/25	18	6
K0140.A42X	3/8-16	36	20	20/25	23	8

KIPP Knurled Thumb Screws, in steel or stainless steel, DIN 464, metric

Item No. steel	Item No. stainless steel	D1	D2	D3	L	H	K
K0140.04X	K0140.042X	M4	16	8	10/16/20*	9,5	3,5
K0140.05X	K0140.052X	M5	20	10	10/16/20*	11,5	4
K0140.06X	K0140.062X	M6	24	12	10/16/20/25*	15	5
K0140.08X	K0140.082X	M8	30	16	16/20/25/30*	18	6
K0140.10X	K0140.102X	M10	36	20	20/25/30/40*	23	8

Palm Grips

in stainless steel similar to DIN 6335



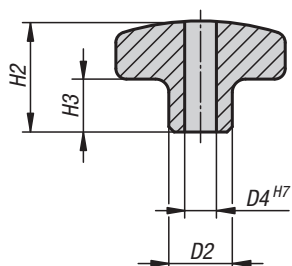
Material:
Stainless steel 1.4308

Type:
Ground and polished

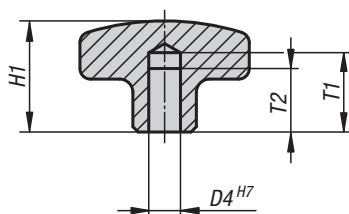
Part Number Example:
K0146.2032CM2

On request:
With external thread.

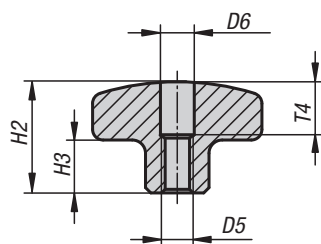
Style B
reamed through hole



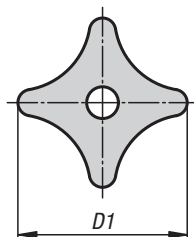
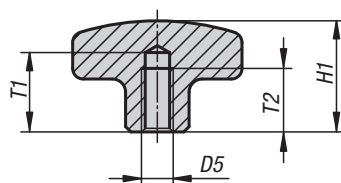
Style C
reamed blind hole



Style D
tapped with counter bore



Style E
tapped blind hole



KIPP Palm Grips in stainless steel similar to DIN 6335, inch

Item No. Style B	Item No. Style C	Version	D1	D2	D4	H1	H2	H3	T1	T2
K0146.2032CM2	K0146.3032CM2	polished	32	12	.250	-.21	20/-	10	-.15	-.12
K0146.2040CN2	K0146.3040CN2	polished	40	14	.312	-.26	25/-	13	-.18	-.15
K0146.2050C02	K0146.3050C02	polished	50	18	.375	-.34	32/-	17	-.21	-.18
K0146.2063CP2	K0146.3063CP2	polished	63	20	.500	-.42	40/-	21	-.25	-.22

KIPP Palm Grips in stainless steel similar to DIN 6335, inch

Item No. Style D	Item No. Style E	Version	D1	D2	D5	D6	H1	H2	H3	T1	T2	T4
K0146.4032A22	K0146.5032A22	polished	32	12	1/4-20	6.4/-	-.21	20/-	10	-.15	-.12	10/-
K0146.4040A32	K0146.5040A32	polished	40	14	5/16-18	8.4/-	-.26	25/-	13	-.18	-.15	12/-
K0146.4050A42	K0146.5050A42	polished	50	18	3/8-16	10.5/-	-.34	32/-	17	-.21	-.18	16/-
K0146.4063A52	K0146.5063A52	polished	63	20	1/2-13	13/-	-.42	40/-	21	-.25	-.22	20/-

Palm Grips

gray cast iron DIN 6335



Material:

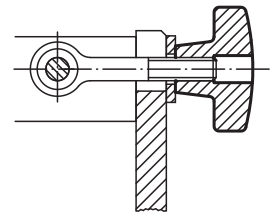
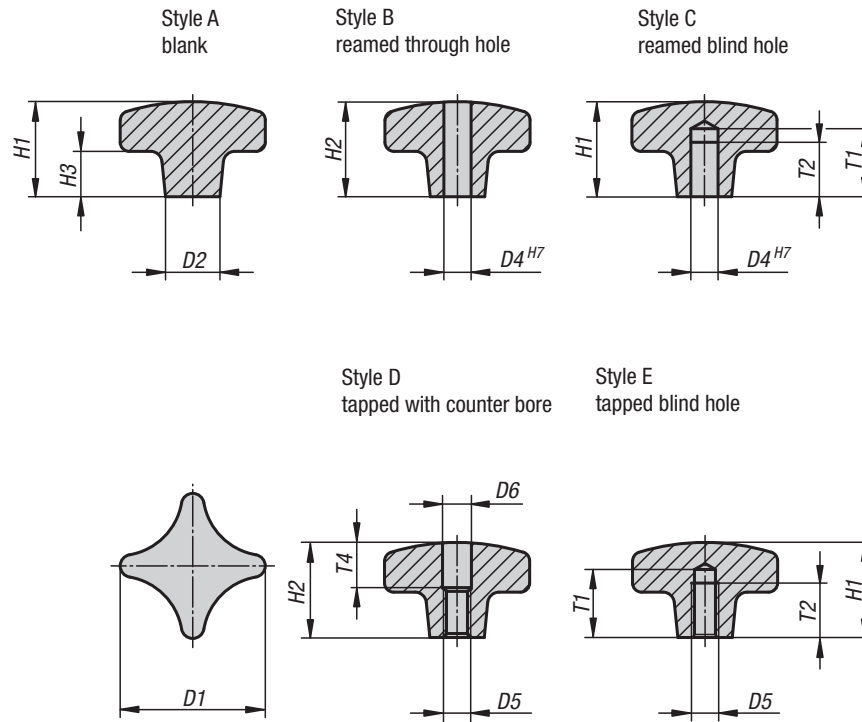
Gray cast iron GJL 200

Type:

All styles have a natural tumbled finish.

Part Number Example:

K0147.2CM



KIPP Palm Grips gray cast iron DIN 6335, style B, inch

Item No.	Version	Style	D1	D2	D4	H2	H3
K0147.2CM	tumbled	B	32	12	.250	20	10
K0147.2CN	tumbled	B	40	14	.312	25	14
K0147.2CO	tumbled	B	50	18	.375	32	20
K0147.2CP	tumbled	B	63	20	.500	40	25
K0147.2CQ	tumbled	B	80	25	.625	50	30
K0147.2CR	tumbled	B	100	32	.750	63	38

KIPP Palm Grips gray cast iron DIN 6335, inch

Item No. Style C	Item No. Style D	Item No. Style E	Version	D1	D2	D4	D5	D6	H1	H2	H3	T1	T2	T4
K0147.3CM	K0147.4A2	K0147.5A2	tumbled	32	12	.250/-	- 1/4-20 1/4-20	-.6.4/-	21/-/21	-.20/-	10	-.15/15	-.12/12	-.10/-
K0147.3CN	K0147.4A3	K0147.5A3	tumbled	40	14	.312/-	- 5/16-18 5/16-18	-.8.4/-	26/-/26	-.25/-	14	-.18/18	-.15/15	-.12/-
K0147.3CO	K0147.4A4	K0147.5A4	tumbled	50	18	.375/-	- 3/8-16 3/8-16	-.10.5/-	34/-/34	-.32/-	20	-.21/21	-.18/18	-.16/-
K0147.3CP	K0147.4A5	K0147.5A5	tumbled	63	20	.500/-	- 1/2-13 1/2-13	-.13/-	42/-/42	-.40/-	25	-.25/25	-.22/22	-.20/-
K0147.3CQ	K0147.4A6	K0147.5A6	tumbled	80	25	.625/-	- 5/8-11 5/8-11	-.17/-	52/-/52	-.50/-	30	-.32/32	-.28/28	-.30/-
K0147.3CR	K0147.4A7	K0147.5A7	tumbled	100	32	.750/-	- 3/4-10 3/4-10	-.21/-	65/-/65	-.63/-	38	-.40/40	-.36/36	-.38/-

Star Grips

in stainless steel similar to DIN 6336

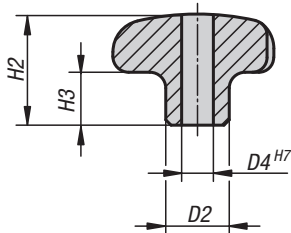


INCH
Parts

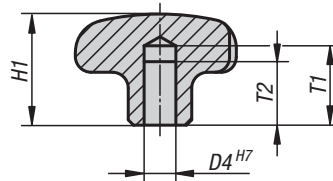
METRIC
Parts



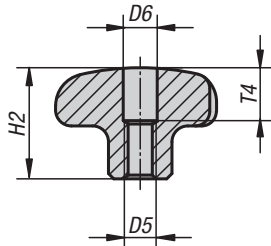
Style B
reamed through hole



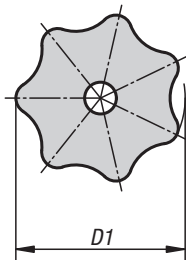
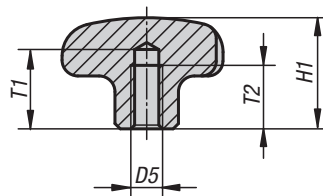
Style C
reamed blind hole



Style D
tapped with counter bore



Style E
tapped blind hole



Material:
Stainless steel 1.4308

Type:
Ground and polished

Part Number Example:
K0150.232CM2

KIPP Star Grips in stainless steel similar to DIN 6336, inch

Item No. Style B	Item No. Style C	Version	D1	D2	D4	H1	H2	H3	T1	T2
K0150.232CM2	K0150.332CM2	polished	32	12	.250	-.21	20/-	10	-.15	-.12
K0150.240CN2	K0150.340CN2	polished	40	14	.312	-.26	25/-	13	-.18	-.15
K0150.250C02	K0150.350C02	polished	50	18	.375	-.34	32/-	17	-.21	-.18
K0150.263CP2	K0150.363CP2	polished	63	20	.500	-.42	40/-	21	-.25	-.22

KIPP Star Grips in stainless steel similar to DIN 6336, inch

Item No. Style D	Item No. Style E	Version	D1	D2	D5	D6	H1	H2	H3	T1	T2	T4
K0150.432A22	K0150.532A22	polished	32	12	1/4-20	6.4/-	-.21	20/-	10	-.15	-.12	10/-
K0150.440A32	K0150.540A32	polished	40	14	5/16-18	8.4/-	-.26	25/-	13	-.18	-.15	12/-
K0150.450A42	K0150.550A42	polished	50	18	3/8-16	10.5/-	-.34	32/-	17	-.21	-.18	16/-
K0150.463A52	K0150.563A52	polished	63	20	1/2-13	13/-	-.42	40/-	21	-.25	-.22	20/-

Star Grips

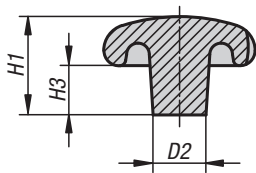
gray cast iron DIN 6336

METRIC
Parts

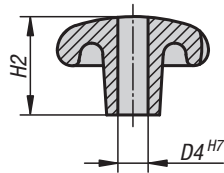
INCH
Parts



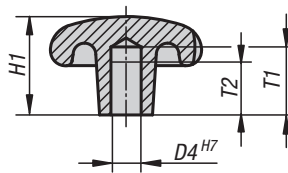
Style A
blank



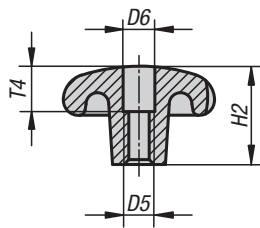
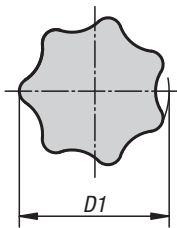
Style B
reamed through hole



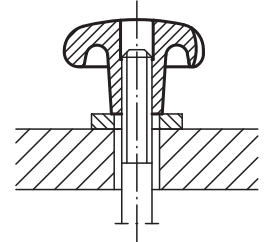
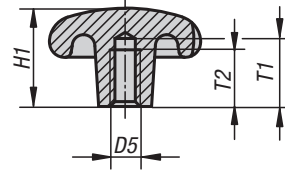
Style C
reamed blind hole



Style D
tapped with counter bore



Style E
tapped blind hole



Material:

Gray cast iron GJL 200

Type:

All styles have a natural tumbled finish.

Part Number Example:

K0151.2CM

On request:

Gray Cast Iron Star Grips black powder-coated.

KIPP Star Grips gray cast iron DIN 6336, style B, inch

Item No.	Style	Version	D1	D2	D4	H2	H3
K0151.2CM	B	tumbled	32	12	.250	20	10
K0151.2CN	B	tumbled	40	14	.312	25	13
K0151.2CO	B	tumbled	50	18	.375	32	17
K0151.2CP	B	tumbled	63	20	.500	40	21
K0151.2CQ	B	tumbled	80	25	.625	50	25

KIPP Star Grips gray cast iron DIN 6336, inch

Item No. Style C	Item No. Style D	Item No. Style E	Version	D1	D2	D4	D5	D6	H1	H2	H3	T1	T2	T4
K0151.3CM	K0151.4A2	K0151.5A2	tumbled	32	12	.250/-/-	- 1/4-20 5/8-11	-.6.4/-	21/-/52	-.20/-	10	-.15/32	-.12/28	-.10/-
K0151.3CN	K0151.4A3	K0151.5A3	tumbled	40	14	.312/-/-	- 5/16-18 5/16-18	-.8.4/-	26/-/26	-.25/-	13	-.18/18	-.15/15	-.12/-
K0151.3CO	K0151.4A4	K0151.5A4	tumbled	50	18	.375/-/-	- 3/8-16 3/8-16	-.10.5/-	34/-/34	-.32/-	17	-.21/21	-.18/18	-.16/-
K0151.3CP	K0151.4A5	K0151.5A5	tumbled	63	20	.500/-/-	- 1/2-13 1/2-13	-.13/-	42/-/42	-.40/-	21	-.25/25	-.22/22	-.20/-
K0151.3CQ	K0151.4A6	K0151.5A6	tumbled	80	25	.625/-/-	- 5/8-11 5/8-11	-.17/-	52/-/52	-.50/-	25	-.32/32	-.28/28	-.30/-

Star Grips

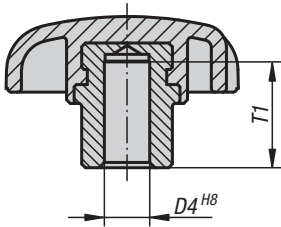
with plain steel bushing



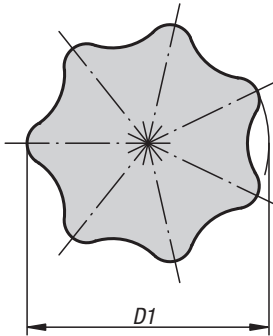
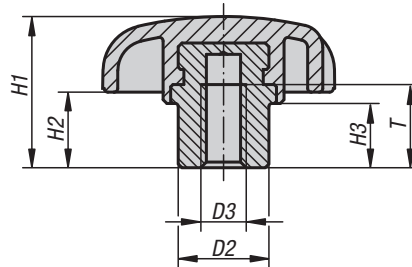
INCH
Parts

METRIC
Parts

Style H
reamed blind hole



Style K
tapped blind hole



Material:

Black thermoplastic.

Steel quality class 5.8 or stainless steel 1.4305.

Type:

Steel parts blue chromate or stainless steel natural finish.

Part Number Example:

K0153.1CL

Note:

Star Grips with plain steel bushing are particularly suitable for cross pin and set screw applications.

KIPP Star Grips, with plain steel bushing, style H, inch

Item No.	Style	D4	T1	D1	D2	H1	H2	H3
K0153.1CL	H	.188	9.5	25	10	16	8	6
K0153.1CM	H	.250	12	32	12	20	10	8.5
K0153.1CM1	H	.250	14	40	13.5	25	13	10
K0153.1CN	H	.312	14	40	13.5	25	13	10
K0153.1CN1	H	.312	18	50	19	32	17	12
K0153.1CO	H	.375	18	50	19	32	17	12
K0153.1CO1	H	.375	22	63	19	40	21	15
K0153.1CP	H	.500	22	63	19	40	21	15
K0153.1CQ	H	.625	22	63	23	40	21	15

KIPP Star Grips, with plain steel bushing, style K, inch

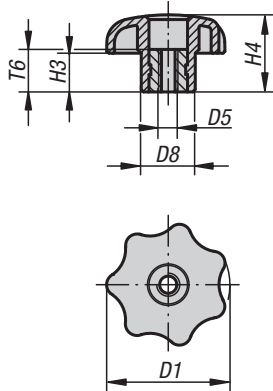
Item No.	Style	D3	T	D1	D2	H1	H2	H3
K0153.2A1	K	10-32	8.5	25	10	16	8	6
K0153.2A2	K	1/4-20	12	32	12	20	10	8.5
K0153.2A21	K	1/4-20	14	40	13.5	25	13	10
K0153.2A3	K	5/16-18	14	40	13.5	25	13	10
K0153.2A31	K	5/16-18	18	50	19	32	17	12
K0153.2A4	K	3/8-16	18	50	19	32	17	12
K0153.2A41	K	3/8-16	22	63	19	40	21	15
K0153.2A5	K	1/2-13	22	63	19	40	21	15
K0153.2A6	K	5/8-11	22	63	23	40	21	15

Star Grips

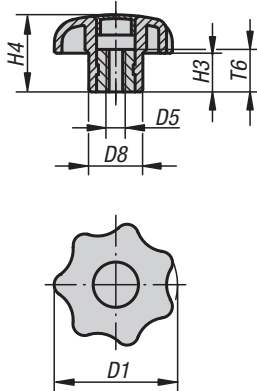
steel parts in stainless steel similar to DIN 6336



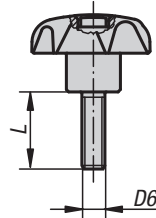
Style D
tapped through hole
without cap



Style K
tapped blind hole
with cap



Style L
with external thread



Material:

Black thermoplastic,
bushing and threaded bolt stainless steel 1.4305

Type:

Bushing and threaded bolt natural finish

Part Number Example:

K0154.4A17X10
(cap color bright yellow; include length L)

Note:

Δ Add the desired cap color here; no color code is
required for black caps.

On request:

Other colors or designs, such as company logo.



black	light gray Δ = 5	traffic red Δ = 6	bright yellow Δ = 7
	RAL 7035	RAL 3020	RAL 1021

KIPP Star Grips, steel parts in stainless steel similar to DIN 6336, internal thread, style D, inch

Item No.	Style	D1	D5	D8	H3	H4	T6
K0154.5A1	D	25	10-32	12	8	16	10
K0154.5A2	D	32	1/4-20	14	10	20	10
K0154.5A3	D	40	5/16-18	18	13	25	14
K0154.5A4	D	50	3/8-16	22	17	32	14
K0154.5A5	D	63	1/2-13	26	21	40	18

Star Grips

steel parts in stainless steel similar to DIN 6336



KIPP Star Grips, steel parts in stainless steel similar to DIN 6336, internal thread, style K, inch

Item No.	Style	D1	D5	D8	H3	H4	T6
K0154.2A1Δ	K	25	10-32	12	8	16	10
K0154.2A2Δ	K	32	1/4-20	14	10	20	10
K0154.2A3Δ	K	40	5/16-18	18	13	25	14
K0154.2A4Δ	K	50	3/8-16	22	17	32	14
K0154.2A5Δ	K	63	1/2-13	26	21	40	18

KIPP Star Grips, steel parts in stainless steel similar to DIN 6336, external thread, style L, inch

Item No.	Style	D1	D6	D8	H3	H4	L
K0154.4A1ΔX	L	25	10-32	12	8	16	10/20
K0154.4A2ΔX	L	32	1/4-20	14	10	20	20/30
K0154.4A3ΔX	L	40	5/16-18	18	13	25	20/40
K0154.4A4ΔX	L	50	3/8-16	22	17	32	20/40

KIPP Star Grips, steel parts in stainless steel similar to DIN 6336, internal thread, style D, metric

Item No.	Style	D1	D5	D8	H3	H4	T6
K0154.505	D	25	M5	12	8	16	10
K0154.506	D	32	M6	14	10	20	10
K0154.508	D	40	M8	18	13	25	14
K0154.510	D	50	M10	22	17	32	14
K0154.512	D	63	M12	26	21	40	18

KIPP Star Grips, steel parts in stainless steel similar to DIN 6336, internal thread, style K, metric

Item No.	Style	D1	D5	D8	H3	H4	T6
K0154.205Δ	K	25	M5	12	8	16	10
K0154.206Δ	K	32	M6	14	10	20	10
K0154.208Δ	K	40	M8	18	13	25	14
K0154.210Δ	K	50	M10	22	17	32	14
K0154.212Δ	K	63	M12	26	21	40	18

KIPP Star Grips, steel parts in stainless steel similar to DIN 6336, external thread, style L, metric

Item No.	Style	D1	D6	D8	H3	H4	L
K0154.405ΔX	L	25	M5	12	8	16	15/20
K0154.406ΔX	L	32	M6	14	10	20	20/30
K0154.408ΔX	L	40	M8	18	13	25	15/20/25/30/40/60
K0154.410ΔX	L	50	M10	22	17	32	25/30/40/50/60

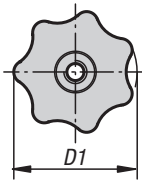
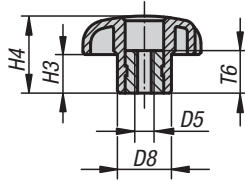
Star Grips

similar to DIN 6336

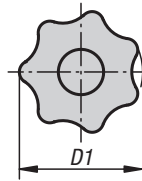
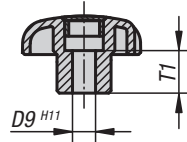


INCH
Parts

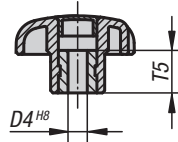
Style D
tapped through hole
without cap



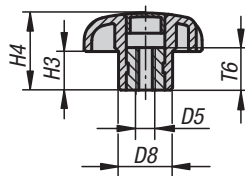
Style G
blind reamed hole
no bushing



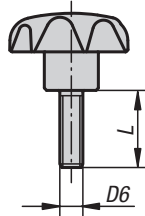
Style H
blind reamed hole
with bushing



Style K
tapped blind hole
with cap



Style L
with external thread



Material:

Black thermoplastic,
bushing and threaded bolt in steel

Type:

Bushing and threaded bolt galvanized
and blue chromate finish.

Part Number Example:

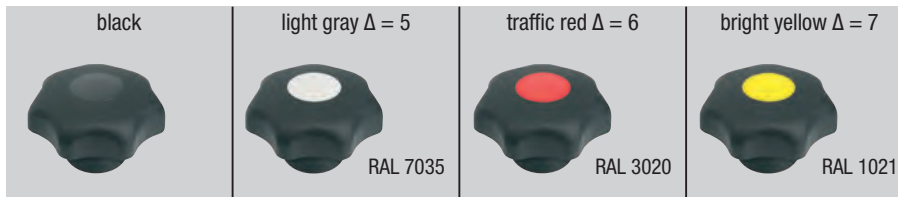
K0155.4A17X10
(cap color bright yellow; include length L)

Note:

Δ Add the desired cap color here; no color code is
required for black caps.

On request:

Other colors or designs, such as company logo.



KIPP Star Grips, similar to DIN 6336, internal thread, style D, inch

Item No.	Style	D1	D5	D8	H3	H4	T6
K0155.5AE	D	25	8-32	12	8	16	10
K0155.5A1	D	25	10-32	12	8	16	10
K0155.5A21	D	25	1/4-20	12	8	16	10
K0155.5A11	D	32	10-32	14	10	20	10
K0155.5A2	D	32	1/4-20	14	10	20	10
K0155.5A3	D	40	5/16-18	18	13	25	14
K0155.5A41	D	40	3/8-16	18	13	25	14
K0155.5A31	D	50	5/16-18	22	17	32	14
K0155.5A4	D	50	3/8-16	22	17	32	14
K0155.5A51	D	50	1/2-13	22	17	32	18
K0155.5A42	D	63	3/8-16	26	21	40	14
K0155.5A5	D	63	1/2-13	26	21	40	18
K0155.5A6	D	63	5/8-11	26	21	40	18

Star Grips

similar to DIN 6336



KIPP Star Grips, similar to DIN 6336, internal thread, style K, inch

Item No.	Style	D1	D5	D8	H3	H4	T6
K0155.2AEΔ	K	25	8-32	12	8	16	10
K0155.2A1Δ	K	25	10-32	12	8	16	10
K0155.2A21Δ	K	25	1/4-20	12	8	16	10
K0155.2A11Δ	K	32	10-32	14	10	20	10
K0155.2A2Δ	K	32	1/4-20	14	10	20	10
K0155.2A3Δ	K	40	5/16-18	18	13	25	14
K0155.2A41Δ	K	40	3/8-16	18	13	25	14
K0155.2A31Δ	K	50	5/16-18	22	17	32	14
K0155.2A4Δ	K	50	3/8-16	22	17	32	14
K0155.2A51Δ	K	50	1/2-13	22	17	32	18
K0155.2A42Δ	K	63	3/8-16	26	21	40	14
K0155.2A5Δ	K	63	1/2-13	26	21	40	18
K0155.2A6Δ	K	63	5/8-11	26	21	40	18

KIPP Star Grips, similar to DIN 6336, reamed hole, style G and H, inch

Item No. Style G	Item No. Style H	D1	D4	D8	D9	H3	H4	T1	T5
K0155.3CLΔ	K0155.1CLΔ	25	-.188	12	.188/-	8	16	10/-	-/10
K0155.3CMΔ	K0155.1CMΔ	32	-.250	14	.250/-	10	20	10/-	-/10
K0155.3CNΔ	K0155.1CNΔ	40	-.312	18	.312/-	13	25	14/-	-/14
K0155.3COΔ	K0155.1COΔ	50	-.375	22	.375/-	17	32	14/-	-/14
-	K0155.1CO1Δ	63	.375	26	-	21	40	-	14
K0155.3CPΔ	K0155.1CPΔ	63	-.500	26	.500/-	21	40	18/-	-/18

KIPP Star Grips, similar to DIN 6336, external thread, style L, inch

Item No.	Style	D1	D6	D8	H3	H4	L
K0155.4A1ΔX	L	25	10-32	12	8	16	10/20
K0155.4A2ΔX	L	25	1/4-20	12	8	16	20/30
K0155.4A21ΔX	L	32	1/4-20	14	10	20	20/30
K0155.4A3ΔX	L	32	5/16-18	14	10	20	20/40
K0155.4A31ΔX	L	40	5/16-18	18	13	25	20/40
K0155.4A4ΔX	L	40	3/8-16	18	13	25	20/40
K0155.4A41ΔX	L	50	3/8-16	22	17	32	20/40
K0155.4A5ΔX	L	50	1/2-13	22	17	32	30/60
K0155.4A42ΔX	L	63	3/8-16	26	21	40	20/40
K0155.4A51ΔX	L	63	1/2-13	26	21	40	30/60

Six Lobe Knobs

Duroplast



INCH Parts
METRIC Parts



Material:

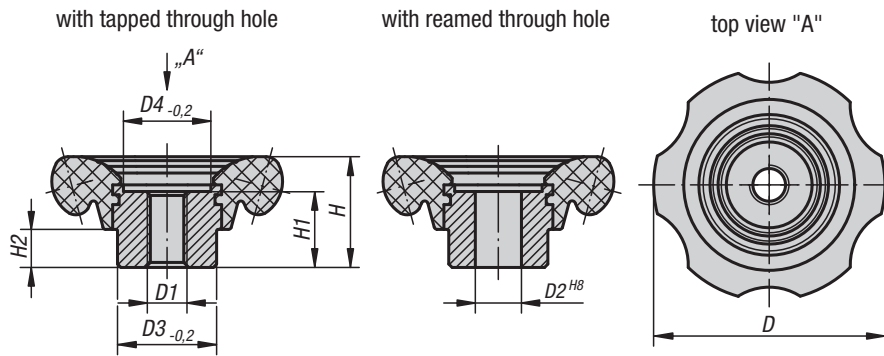
Six Lobe Knob in Duroplast PF 31;
bushing in steel, black oxide finish

Type:

High-gloss polished, black

Part Number Example:

K0184.701A3



KIPP Six Lobe Knobs, Duroplast, inch

Item No.	Version	D	D1	D2	D3	D4	H	H1	H2
K0184.701A3	tapped through hole	70	5/16-18	-	30	26.5	33.5	23	11.5
K0184.701A4	tapped through hole	70	3/8-16	-	30	26.5	33.5	23	11.5
K0184.831A5	tapped through hole	83	1/2-13	-	35	31.5	40	28	14
K0184.831A6	tapped through hole	83	5/8-11	-	35	31.5	40	28	14
K0184.702C0	reamed through hole	70	-	.375	30	26.5	33.5	23	11.5
K0184.702CP	reamed through hole	70	-	.500	30	26.5	33.5	23	11.5
K0184.832CP	reamed through hole	83	-	.500	35	31.5	40	28	14
K0184.832CQ	reamed through hole	83	-	.625	35	31.5	40	28	14

KIPP Six Lobe Knobs, Duroplast, metric

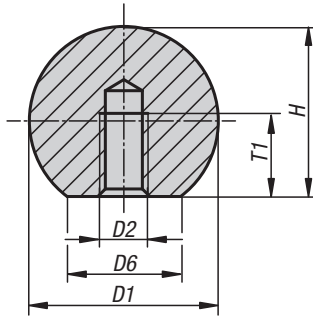
Item No.	Version	D	D1	D2	D3	D4	H	H1	H2
K0184.70110	tapped through hole	70	M10	-	30	26,5	33,5	23	11,5
K0184.70112	tapped through hole	70	M12	-	30	26,5	33,5	23	11,5
K0184.83112	tapped through hole	83	M12	-	35	31,5	40	28	14
K0184.83116	tapped through hole	83	M16	-	35	31,5	40	28	14
K0184.70212	reamed through hole	70	-	12	30	26,5	33,5	23	11,5
K0184.70214	reamed through hole	70	-	14	30	26,5	33,5	23	11,5
K0184.83214	reamed through hole	83	-	14	35	31,5	40	28	14
K0184.83216	reamed through hole	83	-	16	35	31,5	40	28	14

Ball Knobs

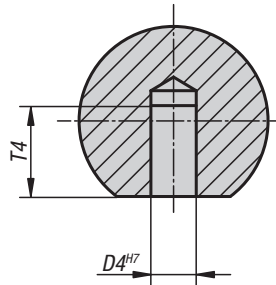
in stainless steel or aluminum, DIN 319



Style C
with tapped hole



Style K
with reamed hole



Material:
Stainless steel 1.4305 or aluminum

Type:
Polished

Part Number Example:
K0650.116AE3

KIPP Ball Knobs in aluminum, DIN 319, inch

Item No.	Material	Style	D1	D2	~D6	~H	T1 min.
K0650.116AE2	aluminum	C	16	8-32	8	15	7.2
K0650.120A12	aluminum	C	20	10-32	12	18	9.1
K0650.125A22	aluminum	C	25	1/4-20	15	22.5	11
K0650.132A32	aluminum	C	32	5/16-18	18	29	14.5
K0650.140A42	aluminum	C	40	3/8-16	22	37	18
K0650.150A52	aluminum	C	50	1/2-13	28	46	21

KIPP Ball Knobs in stainless steel, DIN 319, metric

Item No. Style C	Item No. Style K	D1	D2	D4	~D6	~H	T1 min.	T4 min.
K0650.116043	K0650.316043	16	M4/-	-/6	8	15	7,2/-	-/10
K0650.120053	K0650.320053	20	M5/-	-/8	12	18	9,1/-	-/12
K0650.125063	K0650.325063	25	M6/-	-/10	15	22,5	11/-	-/16
K0650.132083	K0650.332083	32	M8/-	-/12	18	29	14,5/-	-/20
K0650.140103	K0650.340103	40	M10/-	-/16	22	37	18/-	-/25
K0650.150123	K0650.350123	50	M12/-	-/20	28	46	21/-	-/32

KIPP Ball Knobs in aluminum, DIN 319, metric

Item No. Style C	Item No. Style K	D1	D2	D4	~D6	~H	T1 min.	T4 min.
K0650.116042	K0650.316042	16	M4/-	-/6	8	15	7,2/-	-/10
K0650.120052	K0650.320052	20	M5/-	-/8	12	18	9,1/-	-/12
K0650.125062	K0650.325062	25	M6/-	-/10	15	22,5	11/-	-/16
K0650.132082	K0650.332082	32	M8/-	-/12	18	29	14,5/-	-/20
K0650.140102	K0650.340102	40	M10/-	-/16	22	37	18/-	-/25
K0650.150122	K0650.350122	50	M12/-	-/20	28	46	21/-	-/32

Indexing Plungers

lock and clamp

INCH
Parts

METRIC
Parts



The Novo-Grip indexing and clamp grip makes it possible: indexing and clamping with one single product. The telescopic adjustments can be positioned and clamped quickly, precisely and simply.

Material:

Knob, thermoplastic
Indexing pin and threaded bolt steel 5.8.

Type:

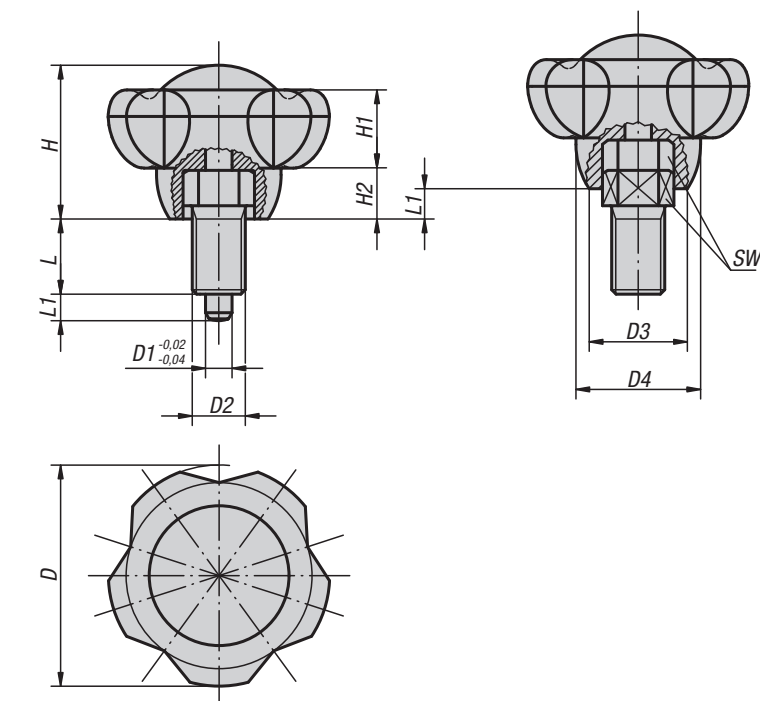
Grip black gray.
Indexing pin and threaded bolt black oxide finish.
Indexing pin hardened and ground.

Part Number Example:

K0245.1105AL6 (grip cap color traffic red)

Note:

Δ Add the desired grip cap color here; no color code is required with black gray grip caps.



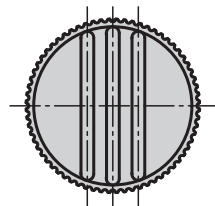
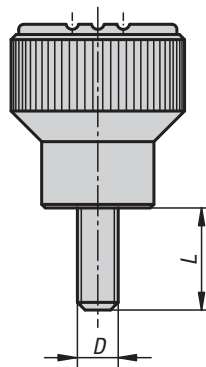
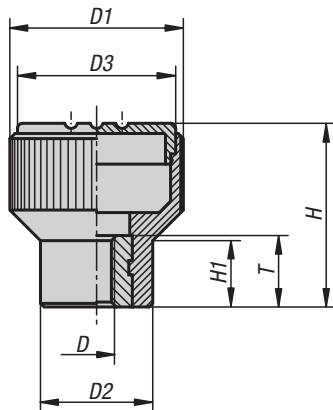
KIPP Indexing Plungers, inch

Item No.	Size	D	D1	D2	D3	D4	H	H1	H2	L	L1	SW
K0245.1105ALΔ	1	50	5	3/8-24	22.2	28.2	34.8	17.8	11.5	13	5	13
K0245.1206A5Δ	2	50	6	1/2-13	22.2	28.2	34.8	17.8	11.5	17	6	14
K0245.1308A6Δ	3	63	8	5/8-11	28	35.5	44	22.5	14.5	22	8	19
K0245.1410A7Δ	4	63	10	3/4-10	28	35.5	44	22.5	14.5	24	10	22

KIPP Indexing Plungers, metric

Item No.	Size	D	D1	D2	D3	D4	H	H1	H2	L	L1	SW
K0245.1105Δ	1	50	5	M10x1	22,2	28,2	34,8	17,8	11,5	13	5	13
K0245.1206Δ	2	50	6	M12x1,5	22,2	28,2	34,8	17,8	11,5	17	6	14
K0245.1308Δ	3	63	8	M16x1,5	28	35,5	44	22,5	14,5	22	8	19
K0245.1410Δ	4	63	10	M20x1,5	28	35,5	44	22,5	14,5	24	10	22

Knurled Knobs

INCH
PartsMETRIC
Parts

The advanced engineering and design of Novo-Grip Knurled Knobs offer significant product advantages: High ergonomic functionality, firm, safe gripping and eye appealing design makes these Knurled Knobs ideal for any application.

Material:

Thermoplastic, black gray.
Bushing and threaded pin steel 5.8
or stainless steel 1.4305.

Type:

Steel blue chromate or
stainless steel natural finish.

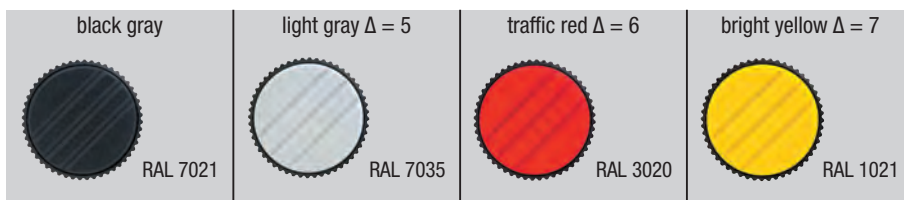
Part Number Example:

K0247.1A16X20
(Cap color traffic red. Include length L)

Note:

Δ Add the desired cap color here. No color code is required for black gray caps.

Knurled Knobs



KIPP Knurled Knobs, internal thread, inch

Item No. bushing steel	Item No. bushing stainless steel	Size	D	D1	D2	D3	H	H1	T
K0247.1AEΔ	K0247.01AEΔ	1	8-32	21	14	19	22	8	10
K0247.1A1Δ	K0247.01A1Δ	1	10-32	21	14	19	22	8	10
K0247.1A2Δ	K0247.01A2Δ	1	1/4-20	21	14	19	22	8	10
K0247.2A3Δ	K0247.02A3Δ	2	5/16-18	26	18	23	26	9.5	14
K0247.3A3Δ	K0247.03A3Δ	3	5/16-18	34	22	31	36	13	14
K0247.3A4Δ	K0247.03A4Δ	3	3/8-16	34	22	31	36	13	14

KIPP Knurled Knobs, external thread, inch

Item No. bolt steel	Item No. bolt stainless steel	Size	D	D1	D2	D3	H	H1	L
K0247.1A1ΔX	K0247.01A1ΔX	1	10-32	21	14	19	22	8	10/20
K0247.1A2ΔX	K0247.01A2ΔX	1	1/4-20	21	14	19	22	8	20/30
K0247.2A3ΔX	K0247.02A3ΔX	2	5/16-18	26	18	23	26	9.5	20/40
K0247.3A4ΔX	K0247.03A4ΔX	3	3/8-16	34	22	31	36	13	20/40

KIPP Knurled Knobs, internal thread, metric

Item No. bushing steel	Item No. bushing stainless steel	Size	D	D1	D2	D3	H	H1	T
K0247.104Δ	K0247.0104Δ	1	M4	21	14	19	22	8	10
K0247.105Δ	K0247.0105Δ	1	M5	21	14	19	22	8	10
K0247.106Δ	K0247.0106Δ	1	M6	21	14	19	22	8	10
K0247.208Δ	K0247.0208Δ	2	M8	26	18	23	26	9.5	14
K0247.308Δ	K0247.0308Δ	3	M8	34	22	31	36	13	14
K0247.310Δ	K0247.0310Δ	3	M10	34	22	31	36	13	14

KIPP Knurled Knobs, external thread, metric

Item No. bolt steel	Item No. bolt stainless steel	Size	D	D1	D2	D3	H	H1	L
K0247.105ΔX	K0247.0105ΔX	1	M5	21	14	19	22	8	10/12/15/20/25
K0247.106ΔX	K0247.0106ΔX	1	M6	21	14	19	22	8	15/20/25/30
K0247.208ΔX	K0247.0208ΔX	2	M8	26	18	23	26	9.5	20/25/30/40
K0247.310ΔX	K0247.0310ΔX	3	M10	34	22	31	36	13	20/30/40

Knurled Wheels

internal components steel

INCH
Parts



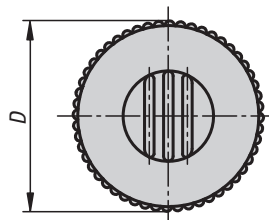
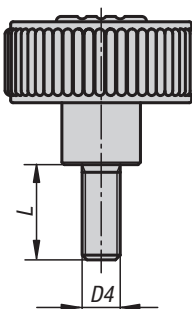
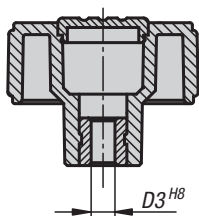
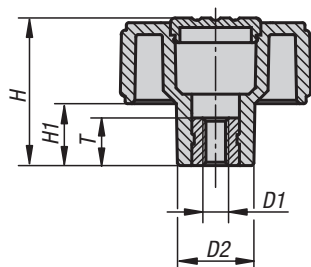
Style D
tapped through hole
without cap

Style K
tapped through hole
with cap

Style E
reamed through hole
without cap

Style H
reamed through hole
with cap

Style L
with external thread



Novo-Grip Knurled Wheels are ergonomic, eye appealing, durable and offer a firm and safe grip. Ideal for all applications. Strength and durability are guaranteed with Novo-Grip Knurled Wheels.

Material:

Thermoplastic, bushing and threaded bolt in steel quality class 5.8.

Type:

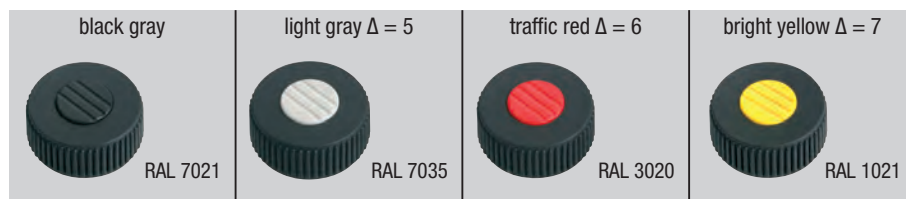
Steel blue chromate.

Part Number Example:

K0260.41067 (wheel cap color bright yellow)

Note:

Δ Add the desired wheel cap color here; no color code is required with black gray wheel caps



KIPP Knurled Wheels, internal thread, inch

Item No.	Style	Version	Size	D	D1	D2	H	H1	T
K0260.11A1	D	bushing steel	1	40	10-32	16.5	31	13	10
K0260.11A2	D	bushing steel	1	40	1/4-20	16.5	31	13	10
K0260.11A3	D	bushing steel	1	40	5/16-18	16.5	31	13	14
K0260.12A3	D	bushing steel	2	50	5/16-18	18	36	15	14
K0260.12A4	D	bushing steel	2	50	3/8-16	18	36	15	14
K0260.13A4	D	bushing steel	3	63	3/8-16	22	41	17	14
K0260.13A5	D	bushing steel	3	63	1/2-13	22	41	17	18

Knurled Wheels

internal components steel

KIPP Knurled Wheels, internal thread, inch

Item No.	Style	Version	Size	D	D1	D2	H	H1	T
K0260.21A1Δ	K	bushing steel	1	40	10-32	16.5	31	13	10
K0260.21A2Δ	K	bushing steel	1	40	1/4-20	16.5	31	13	10
K0260.21A3Δ	K	bushing steel	1	40	5/16-18	16.5	31	13	14
K0260.22A3Δ	K	bushing steel	2	50	5/16-18	18	36	15	14
K0260.22A4Δ	K	bushing steel	2	50	3/8-16	18	36	15	14
K0260.23A4Δ	K	bushing steel	3	63	3/8-16	22	41	17	14
K0260.23A5Δ	K	bushing steel	3	63	1/2-13	22	41	17	18

KIPP Knurled Wheels, with bushing, inch

Item No.	Style	Version	Size	D	D2	D3	H	H1	T
K0260.31CM	E	bushing steel	1	40	16.5	.250	31	13	10
K0260.32CN	E	bushing steel	2	50	18	.312	36	15	14
K0260.33CO	E	bushing steel	3	63	22	.375	41	17	14

KIPP Knurled Wheels, with bushing, inch

Item No.	Style	Version	Size	D	D2	D3	H	H1	T
K0260.41CMAΔ	H	bushing steel	1	40	16.5	.250	31	13	10
K0260.42CNAΔ	H	bushing steel	2	50	18	.312	36	15	14
K0260.43CQΔ	H	bushing steel	3	63	22	.375	41	17	14

KIPP Knurled Wheels, external thread, inch

Item No.	Style	Version	Size	D	D2	D4	H	H1	L
K0260.51A1ΔX	L	bolt steel	1	40	16.5	10-32	31	13	10/20
K0260.51A2ΔX	L	bolt steel	1	40	16.5	1/4-20	31	13	20/30
K0260.51A3ΔX	L	bolt steel	1	40	16.5	5/16-18	31	13	20/40
K0260.52A3ΔX	L	bolt steel	2	50	18	5/16-18	36	15	20/40
K0260.52A4ΔX	L	bolt steel	2	50	18	3/8-16	36	15	20/40
K0260.53A4ΔX	L	bolt steel	3	63	22	3/8-16	41	17	20/40
K0260.53A5ΔX	L	bolt steel	3	63	22	1/2-13	41	17	30/60

Knurled Wheels

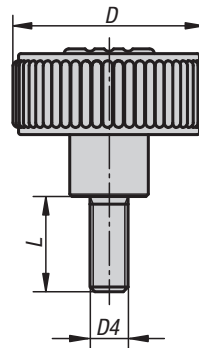
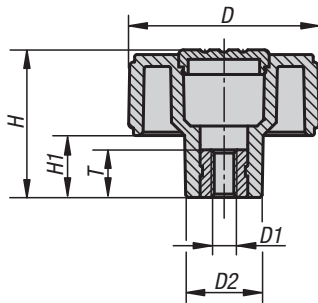
internal components stainless steel



Style D
tapped through hole without cap

Style K
tapped through hole with cap

Style L
external thread



Novo-Grip Knurled Wheels are ergonomic, eye appealing, durable and offer a firm and safe grip. Ideal for all applications. Strength and durability are guaranteed with Novo-Grip Knurled Wheels.

Material:

Thermoplastic, bushing and threaded bolt in stainless steel 1.4305.

Type:

Stainless steel natural finish.

Part Number Example:

K0261.51056X10

(cap color traffic red; include length L)

Note:

Δ Add the desired wheel cap color here; no color code is required with black gray wheel caps

KIPP Knurled Wheels, components in stainless steel, internal thread, inch

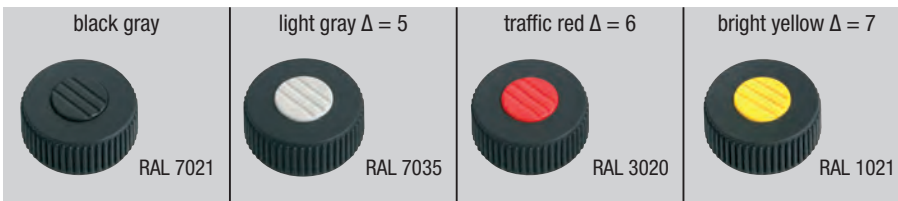
Item No.	Style	Version	Size	D	D1	D2	H	H1	T
K0261.11A1	D	bushing stainless steel	1	40	10-32	16.5	31	13	10
K0261.11A2	D	bushing stainless steel	1	40	1/4-20	16.5	31	13	10
K0261.11A3	D	bushing stainless steel	1	40	5/16-18	16.5	31	13	14
K0261.12A3	D	bushing stainless steel	2	50	5/16-18	18	36	15	14
K0261.12A4	D	bushing stainless steel	2	50	3/8-16	18	36	15	14
K0261.13A4	D	bushing stainless steel	3	63	3/8-16	22	41	17	14
K0261.13A5	D	bushing stainless steel	3	63	1/2-13	22	41	17	18

KIPP Knurled Wheels, components in stainless steel, internal thread, inch

Item No.	Style	Version	Size	D	D1	D2	H	H1	T
K0261.21A1Δ	K	bushing stainless steel	1	40	10-32	16.5	31	13	10
K0261.21A2Δ	K	bushing stainless steel	1	40	1/4-20	16.5	31	13	10
K0261.21A3Δ	K	bushing stainless steel	1	40	5/16-18	16.5	31	13	14
K0261.22A3Δ	K	bushing stainless steel	2	50	5/16-18	18	36	15	14
K0261.22A4Δ	K	bushing stainless steel	2	50	3/8-16	18	36	15	14
K0261.23A4Δ	K	bushing stainless steel	3	63	3/8-16	22	41	17	14
K0261.23A5Δ	K	bushing stainless steel	3	63	1/2-13	22	41	17	18

Knurled Wheels

internal components stainless steel



KIPP Knurled Wheels, components in stainless steel, external thread, inch

Item No.	Style	Version	Size	D	D2	D4	H	H1	L
K0261.51A1ΔX	L	bolt stainless steel	1	40	16.5	10-32	31	13	10/20
K0261.51A2ΔX	L	bolt stainless steel	1	40	16.5	1/4-20	31	13	20/30
K0261.51A3ΔX	L	bolt stainless steel	1	40	16.5	5/16-18	31	13	20/40
K0261.52A3ΔX	L	bolt stainless steel	2	50	18	5/16-18	36	15	20/40
K0261.52A4ΔX	L	bolt stainless steel	2	50	18	3/8-16	36	15	20/40
K0261.53A4ΔX	L	bolt stainless steel	3	63	22	3/8-16	41	17	20/40

KIPP Knurled Wheels, components in stainless steel, internal thread, metric

Item No.	Style	Version	Size	D	D1	D2	H	H1	T
K0261.1105	D	bushing stainless steel	1	40	M5	16,5	31	13	10
K0261.1106	D	bushing stainless steel	1	40	M6	16,5	31	13	10
K0261.1108	D	bushing stainless steel	1	40	M8	16,5	31	13	14
K0261.1208	D	bushing stainless steel	2	50	M8	18	36	15	14
K0261.1210	D	bushing stainless steel	2	50	M10	18	36	15	14
K0261.1310	D	bushing stainless steel	3	63	M10	22	41	17	14
K0261.1312	D	bushing stainless steel	3	63	M12	22	41	17	18

KIPP Knurled Wheels, components in stainless steel, internal thread, metric

Item No.	Style	Version	Size	D	D1	D2	H	H1	T
K0261.2105Δ	K	bushing stainless steel	1	40	M5	16,5	31	13	10
K0261.2106Δ	K	bushing stainless steel	1	40	M6	16,5	31	13	10
K0261.2108Δ	K	bushing stainless steel	1	40	M8	16,5	31	13	14
K0261.2208Δ	K	bushing stainless steel	2	50	M8	18	36	15	14
K0261.2210Δ	K	bushing stainless steel	2	50	M10	18	36	15	14
K0261.2310Δ	K	bushing stainless steel	3	63	M10	22	41	17	14
K0261.2312Δ	K	bushing stainless steel	3	63	M12	22	41	17	18

KIPP Knurled Wheels, components in stainless steel, external thread, metric

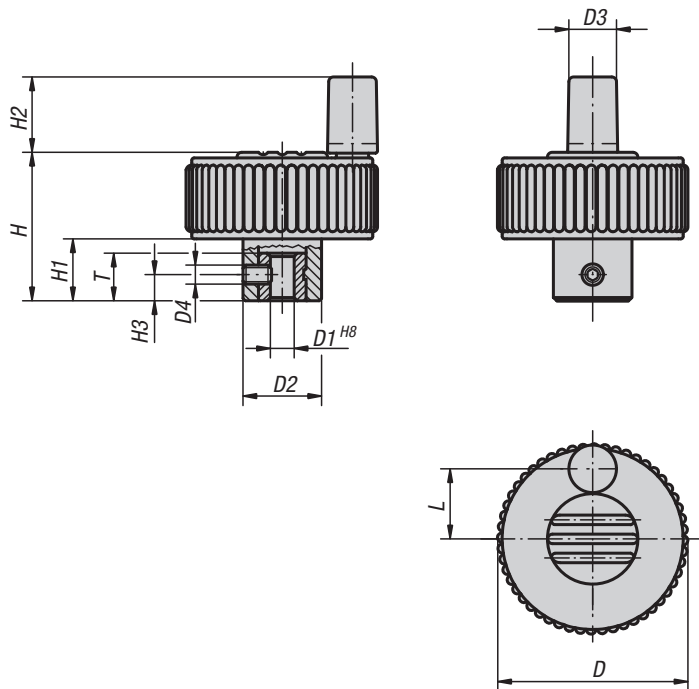
Item No.	Style	Version	Size	D	D2	D4	H	H1	L
K0261.5105ΔX	L	bolt stainless steel	1	40	16,5	M5	31	13	10/20
K0261.5106ΔX	L	bolt stainless steel	1	40	16,5	M6	31	13	10/20/40
K0261.5108ΔX	L	bolt stainless steel	1	40	16,5	M8	31	13	15/30/60
K0261.5208ΔX	L	bolt stainless steel	2	50	18	M8	36	15	15/30/60
K0261.5210ΔX	L	bolt stainless steel	2	50	18	M10	36	15	20/30/60
K0261.5310ΔX	L	bolt stainless steel	3	63	22	M10	41	17	20/30/60

Positioning Wheels

INCH
PartsMETRIC
Parts

Style H
without tapped set screw hole

Style M
with tapped set screw hole and set screw



Attractive design and excellent ergonomic features make this Positioning Wheel a trendsetting product. Novo-Grip Positioning Wheels are durable, eye appealing and offer firm, a safe grip. Novo-Grip Positioning Wheels improve ease and performance in all applications.

Material:

Handle black gray thermoplastic, bushing in steel quality class 5.8.

Type:

Steel blue chromate.

Part Number Example:

K0262.21066 (wheel cap color traffic red)

Note:

Δ Add the desired wheel cap color here; no color code is required with black gray wheel caps



KIPP Positioning Wheels, inch

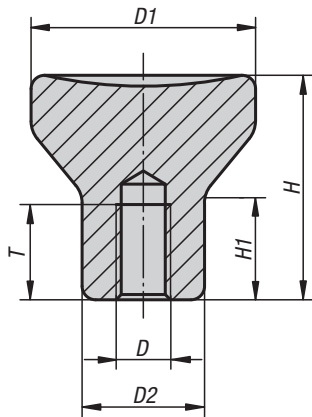
Item No.	Style	Size	D	D1	D2	D3	D4	H	H1	H2	H3	L	T
K0262.21CMA	H	1	40	.250	16.5	10	-	31	13	16	-	15	10
K0262.22CMA	H	2	50	.250	18	10	-	36	15	16	-	18.5	10
K0262.23CNA	H	3	63	.312	22	10	-	41	17	16	-	25	14
K0262.11CMA	M	1	40	.250	16.5	10	M4	31	13	16	5.5	15	10
K0262.12CMA	M	2	50	.250	18	10	M4	36	15	16	5.5	18.5	10
K0262.13CNA	M	3	63	.312	22	10	M4	41	17	16	8	25	14

KIPP Positioning Wheels, metric

Item No.	Style	Size	D	D1	D2	D3	D4	H	H1	H2	H3	L	T
K0262.2106Δ	H	1	40	6	16,5	10	-	31	13	16	-	15	10
K0262.2206Δ	H	2	50	6	18	10	-	36	15	16	-	18,5	10
K0262.2308Δ	H	3	63	8	22	10	-	41	17	16	-	25	14
K0262.1106Δ	M	1	40	6	16,5	10	M4	31	13	16	5,5	15	10
K0262.1206Δ	M	2	50	6	18	10	M4	36	15	16	5,5	18,5	10
K0262.1308Δ	M	3	63	8	22	10	M4	41	17	16	8	25	14

Mushroom Knobs

stainless steel



Material:

Stainless steel 1.4305.

Type:

Electrolytic-polish.

Part Number Example:

K0250.9AC

KIPP Mushroom Knobs, stainless steel, internal thread, inch

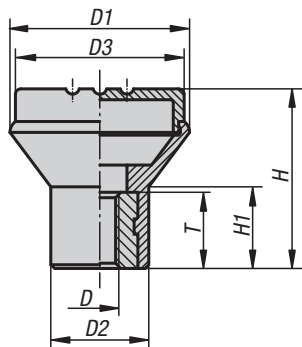
Item No.	D	D1	D2	H	H1	T
K0250.9AC	2-56	14	8	14	6.7	4
K0250.0AD	6-32	18	10	18	8.6	7.5
K0250.1AE	8-32	21	12	21	10	10
K0250.1A0	10-24	21	12	21	10	12.5
K0250.1A1	10-32	21	12	21	10	12.5
K0250.2A2	1/4-20	25	14	25	12	12
K0250.3A3	5/16-18	33	18	33	16	16
K0250.4A4	3/8-16	40	24	40	18.7	20

KIPP Mushroom Knobs, stainless steel, internal thread, metric

Item No.	D	D1	D2	H	H1	T
K0250.902	M2	14	8	14	6,7	4
K0250.003	M3	18	10	18	8,6	7,5
K0250.104	M4	21	12	21	10	10
K0250.105	M5	21	12	21	10	12,5
K0250.206	M6	25	14	25	12	12
K0250.308	M8	33	18	33	16	16
K0250.410	M10	40	24	40	18,7	20

Mushroom Knobs

with internal thread



Advanced engineering and award winning design of Novo-Grip Mushroom Knobs will make any equipment stand out, high ergonomic functionality, a firm and safe gripping and the eye appealing design distinguish the Kipp Novo-Grip line.

Material:

Black gray thermoplastic.
Bushing steel 5.8 or
stainless steel 1.4305.

Type:

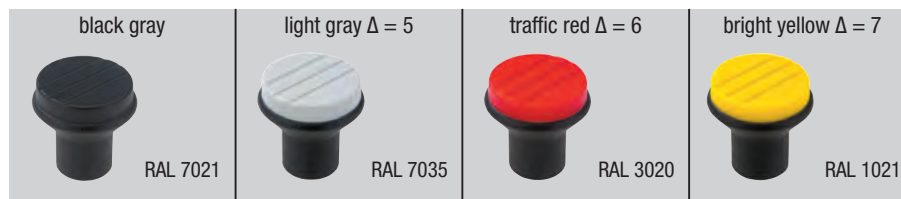
Steel blue chromate or
stainless steel natural finish.

Part Number Example:

K0251.AE6 (cap color traffic red)

Note:

Δ Add the desired cap color here. No color code is required for black gray caps.



KIPP Mushroom Knobs, internal thread, inch

Item No. bushing steel	Item No. bushing stainless steel	Size	D	D1	D2	D3	H	H1	T
K0251.AEΔ	K0251.0AEΔ	1	8-32	21	13	19	21	10	10
K0251.A1Δ	K0251.0A1Δ	1	10-32	21	13	19	21	10	10
K0251.A2Δ	K0251.0A2Δ	2	1/4-20	25	14	23	25	12	10
K0251.A3Δ	K0251.0A3Δ	3	5/16-18	33	19	31	33	15	14

KIPP Mushroom Knobs, internal thread, metric

Item No. bushing steel	Item No. bushing stainless steel	Size	D	D1	D2	D3	H	H1	T
K0251.04Δ	K0251.004Δ	1	M4	21	12	19	21	10	10
K0251.05Δ	K0251.005Δ	1	M5	21	12	19	21	10	10
K0251.06Δ	K0251.006Δ	2	M6	25	14	23	25	12	10
K0251.08Δ	K0251.008Δ	3	M8	33	19	31	33	15	14

Mushroom Knobs

with external thread



Advanced engineering and award winning design of Novo-Grip Mushroom Knobs will make any equipment stand out, high ergonomic functionality, a firm and safe gripping and the eye appealing design distinguish the Kipp Novo-Grip line.

Material:

Black gray thermoplastic.
Screw steel 5.8, or
stainless steel 1.4305.

Type:

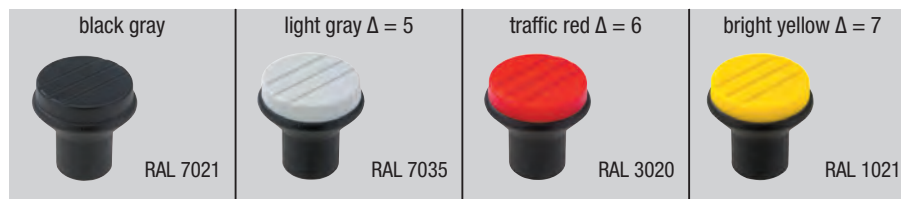
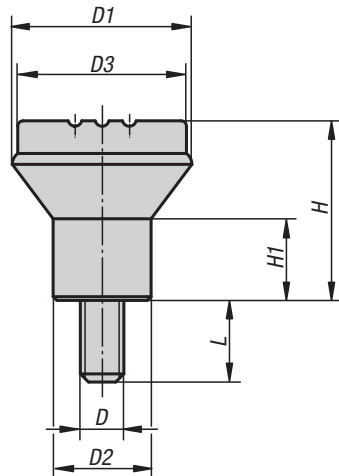
Steel blue chromate or
stainless steel natural finish.

Part Number Example:

K0251.AE6X10
(cap color traffic red; include length L)

Note:

Δ Add the desired cap color here; no color code is required for black gray caps.



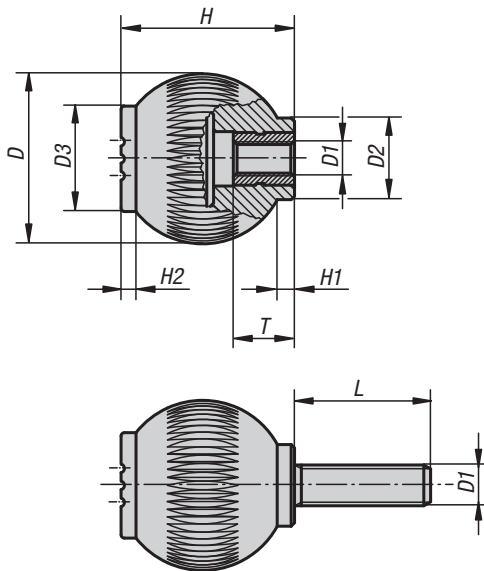
KIPP Mushroom Knobs, external thread, inch

Item No. bolt steel	Item No. bolt stainless steel	Size	D	D1	D2	D3	H	H1	L
K0251.AEΔX	K0251.0AEΔX	1	8-32	21	13	19	21	10	10/20
K0251.A1ΔX	K0251.0A1ΔX	1	10-32	21	13	19	21	10	10/20
K0251.A2ΔX	K0251.0A2ΔX	2	1/4-20	25	14	23	25	12	20/30
K0251.A3ΔX	K0251.0A3ΔX	3	5/16-18	33	19	31	33	15	20/40

KIPP Mushroom Knobs, external thread, metric

Item No. bolt steel	Item No. bolt stainless steel	Size	D	D1	D2	D3	H	H1	L
K0251.04X10	K0251.004X10	1	M4	21	12	19	21	10	10
K0251.05X10	K0251.005X10	1	M5	21	12	19	21	10	10
K0251.06X15	K0251.006X15	2	M6	25	14	23	25	12	15
K0251.08X15	K0251.008X15	3	M8	33	19	31	33	15	15

Ball Grips

INCH
PartsMETRIC
Parts

A perfectly ergonomic product for “three-dimensional” gripping: The “third dimension” developed from the advanced engineering design of “Belt Fluting” creating exceptional ergonomic gripping.

Material:

Handle black gray thermoplastic;
bushing and threaded bolt steel 5.8
or stainless steel, 1.4305 natural finish

Type:

Steel blue chromate or
stainless steel natural finish.

Part Number Example:

K0253.1A26X20
(cap color traffic red; include dimension L)

Note:

Δ Add the desired grip cap color here; no color
code is required with black gray grip caps

Ball Grips



KIPP Ball Grips, internal thread, inch

Item No. bushing steel	Item No. bushing stainless steel	Size	D	D1	D2	D3	H	H1	H2	T
K0253.1A2Δ	K0253.01A2Δ	1	25	1/4-20	12	17	25	2.5	2.2	10
K0253.2A3Δ	K0253.02A3Δ	2	32	5/16-18	15.5	19	33	3.2	2.8	14
K0253.3A4Δ	K0253.03A4Δ	3	40	3/8-16	19	23	41.5	4	3.5	14
K0253.4A4Δ	K0253.04A4Δ	4	50	3/8-16	24	31	51	5	4.4	14
K0253.4A5Δ	K0253.04A5Δ	4	50	1/2-13	24	31	51	5	4.4	18

KIPP Ball Grips, external thread, inch

Item No. bolt steel	Item No. bolt stainless steel	Size	D	D1	D2	D3	H	H1	H2	L
K0253.1A2ΔX	K0253.01A2ΔX	1	25	1/4-20	12	17	25	2.5	2.2	20/30
K0253.2A3ΔX	K0253.02A3ΔX	2	32	5/16-18	15.5	19	33	3.2	2.8	20/40
K0253.3A4ΔX	K0253.03A4ΔX	3	40	3/8-16	19	23	41.5	4	3.5	20/40
K0253.4A4ΔX	K0253.04A4ΔX	4	50	3/8-16	24	31	51	5	4.4	20/40
K0253.4A5ΔX	-	4	50	1/2-13	24	31	51	5	4.4	30/60

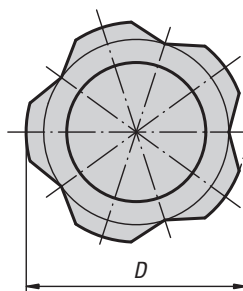
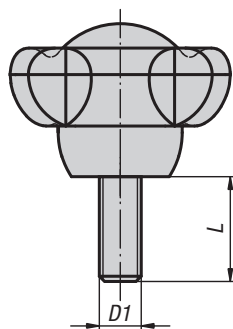
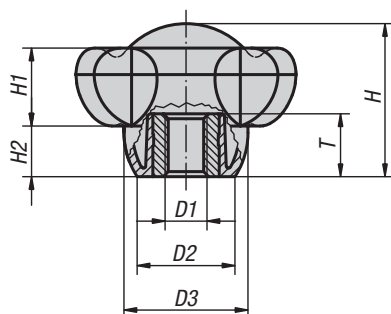
KIPP Ball Grips, internal thread, metric

Item No. bushing steel	Item No. bushing stainless steel	Size	D	D1	D2	D3	H	H1	H2	T
K0253.106Δ	K0253.0106Δ	1	25	M6	12	17	25	2,5	2,2	10
K0253.208Δ	K0253.0208Δ	2	32	M8	15,5	19	33	3,2	2,8	14
K0253.310Δ	K0253.0310Δ	3	40	M10	19	23	41,5	4	3,5	14
K0253.410Δ	K0253.0410Δ	4	50	M10	24	31	51	5	4,4	14
K0253.412Δ	K0253.0412Δ	4	50	M12	24	31	51	5	4,4	18

KIPP Ball Grips, external thread, metric

Item No. bolt steel	Item No. bolt stainless steel	Size	D	D1	D2	D3	H	H1	H2	L
K0253.106ΔX	K0253.0106ΔX	1	25	M6	12	17	25	2,5	2,2	15/20/25/30
K0253.208ΔX	K0253.0208ΔX	2	32	M8	15,5	19	33	3,2	2,8	20/25/30/40
K0253.310ΔX	K0253.0310ΔX	3	40	M10	19	23	41,5	4	3,5	20/30/40
K0253.410ΔX	K0253.0410ΔX	4	50	M10	24	31	51	5	4,4	20/30/40
K0253.412ΔX	K0253.0412ΔX	4	50	M12	24	31	51	5	4,4	20/30/40

Five Lobe Grips

INCH
PartsMETRIC
Parts

Modern design and hi-tech engineering technology make Kipp's Novo-Grip line pleasing to the eye and highly functional.

Novo-Grip Five Lobe Grips are a cost effective alternative to make customers' products stand out!

Material:

Thermoplastic black gray.
Bushing and threaded bolt steel 5.8 or stainless steel 1.4305.

Type:

Steel blue chromate or stainless steel natural finish.

Part Number Example:

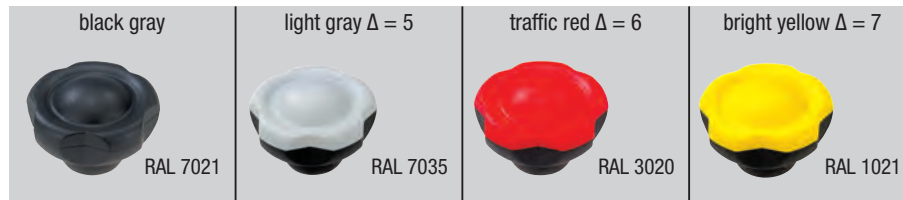
K0255.50106X30
(cap color traffic red; include length L)

Note:

The screw lengths 15, 35 and 45 are not available in stainless steel.

Δ Add the desired grip cap color here; no color code is required with black gray grip caps

Five Lobe Grips



KIPP Five Lobe Grips, internal thread, inch

Item No. bushing steel	Item No. bushing stainless steel	D	D1	D2	D3	H	H1	H2	T
K0255.50A3Δ	K0255.50A31Δ	50	5/16-18	22.2	28.2	34.8	17.8	11.5	14
K0255.50A4Δ	K0255.50A41Δ	50	3/8-16	22.2	28.2	34.8	17.8	11.5	14
K0255.50A5Δ	K0255.50A51Δ	50	1/2-13	22.2	28.2	34.8	17.8	11.5	18
K0255.63A4Δ	K0255.63A41Δ	63	3/8-16	28	35.5	44	22.5	14.5	14
K0255.63A5Δ	K0255.63A51Δ	63	1/2-13	28	35.5	44	22.5	14.5	18
K0255.63A6Δ	-	63	5/8-11	28	35.5	44	22.5	14.5	18

KIPP Five Lobe Grips, external thread, inch

Item No. bolt steel	Item No. bolt stainless steel	D	D1	D2	D3	H	H1	H2	L
K0255.50A4ΔX	K0255.50A41ΔX	50	3/8-16	22.2	28.2	34.8	17.8	11.5	20/40
K0255.50A5ΔX	-	50	1/2-13	22.2	28.2	34.8	17.8	11.5	30/60
K0255.63A4ΔX	K0255.63A41ΔX	63	3/8-16	28	35.5	44	22.5	14.5	20/40
K0255.63A5ΔX	-	63	1/2-13	28	35.5	44	22.5	14.5	30/60

KIPP Five Lobe Grips, internal thread, metric

Item No. bushing steel	Item No. bushing stainless steel	D	D1	D2	D3	H	H1	H2	T
K0255.5008Δ	K0255.50081Δ	50	M8	22,2	28,2	34,8	17,8	11,5	14
K0255.5010Δ	K0255.50101Δ	50	M10	22,2	28,2	34,8	17,8	11,5	14
K0255.5012Δ	K0255.50121Δ	50	M12	22,2	28,2	34,8	17,8	11,5	18
K0255.6310Δ	K0255.63101Δ	63	M10	28	35,5	44	22,5	14,5	14
K0255.6312Δ	K0255.63121Δ	63	M12	28	35,5	44	22,5	14,5	18
K0255.6316Δ	-	63	M16	28	35,5	44	22,5	14,5	18

KIPP Five Lobe Grips, external thread, metric

Item No. bolt steel	Item No. bolt stainless steel	D	D1	D2	D3	H	H1	H2	L
K0255.5010ΔX	K0255.50101ΔX	50	M10	22,2	28,2	34,8	17,8	11,5	15/20/25/30/35/40/45/50/60
K0255.5012ΔX	-	50	M12	22,2	28,2	34,8	17,8	11,5	15/20/25/30/35/40/45/50/60
K0255.6310ΔX	K0255.63101ΔX	63	M10	28	35,5	44	22,5	14,5	20/25/30/35/40/45/50/60
K0255.6312ΔX	-	63	M12	28	35,5	44	22,5	14,5	20/25/30/35/40/45/50/60

Handwheels

without handle



This modern, eye appealing handwheel combines quality, durability, strength, ergonomics and safety into one product.

Superior design ensures precision adjustments, ergonomic handling and safe operation.

Material:

Black gray thermoplastic.

Type:

Steel parts black oxide finish.

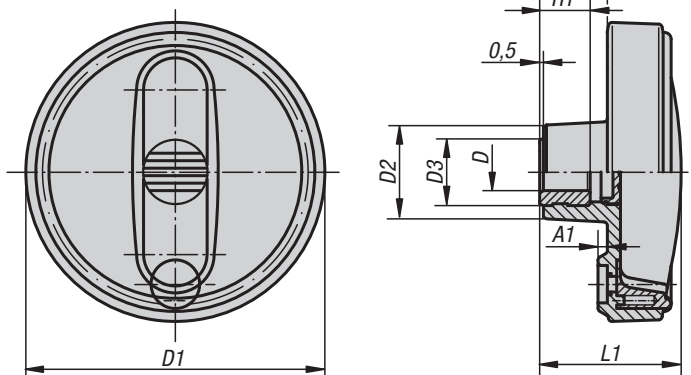
Part Number Example:

K0256.1080C0

Note:

The hub cover is supplied loose.

The handwheels can be secured using a transverse pin or by parallel key connection together with a DIN 6912 socket head screw and a DIN 7349 washer.



KIPP Handwheels, without handle, inch

Item No.	Size	D	D1	D2	D3	A1	H	H1	L1
K0256.1080C0	1	.375	80	25	19	2.5	17.5	13	37.5
K0256.2100C0	2	.375	100	28	19	3	20	13	44
K0256.2100CP	2	.500	100	28	19	3	20	13	44
K0256.3125CP	3	.500	125	35	25	4	23.5	18.5	53
K0256.4160CP	4	.500	160	45	25	5.6	28	18.5	64.5
K0256.4160CQ	4	.625	160	45	25	5.6	28	18.5	64.5

KIPP Handwheels, without handle, metric

Item No.	Size	D	D1	D2	D3	A1	H	H1	L1
K0256.108008	1	8	80	25	19	2,5	17,5	13	37,5
K0256.210010	2	10	100	28	19	3	20	13	44
K0256.210012	2	12	100	28	19	3	20	13	44
K0256.312512	3	12	125	35	25	4	23,5	18,5	53
K0256.416014	4	14	160	45	25	5,6	28	18,5	64,5
K0256.416016	4	16	160	45	25	5,6	28	18,5	64,5

Handwheels

with revolving handle

INCH
Parts

METRIC
Parts


Material:

Black gray thermoplastic.

Type:

Steel parts black oxide finish.

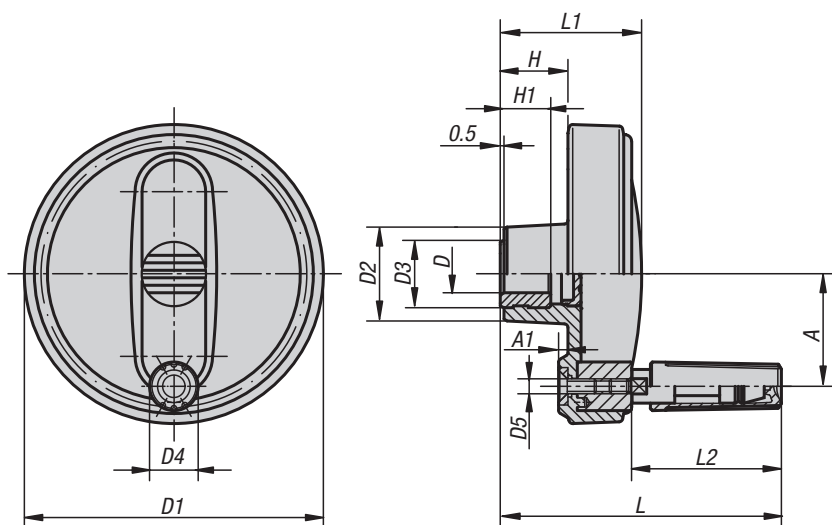
Part Number Example:

K0257.1080C0

Note:

The hub cover and the revolving grip are supplied loose. To assemble the grip, simply screw it into the existing hole.

The handwheels can be secured using a transverse pin or by parallel key connection together with a DIN 6912 socket head screw and a DIN 7349 washer.



KIPP Handwheels, with revolving handle, inch

Item No.	Size	D	D1	D2	D3	D4	D5	A	A1	H	H1	L	L1	L2
K0257.1080C0	1	.375	80	25	19	13	M4	30	2.5	17.5	13	75	37.5	40
K0257.2100C0	2	.375	100	28	19	16	M5	38	3	20	13	90	44	49.5
K0257.2100CP	2	.500	100	28	19	16	M5	38	3	20	13	90	44	49.5
K0257.3125CP	3	.500	125	35	25	20	M6	47.5	4	23.5	18.5	109	53	60
K0257.4160CP	4	.500	160	45	25	25	M8	62	5.6	28	18.5	144	64.5	83.5
K0257.4160CQ	4	.625	160	45	25	25	M8	62	5.6	28	18.5	144	64.5	83.5

KIPP Handwheels, with revolving handle, metric

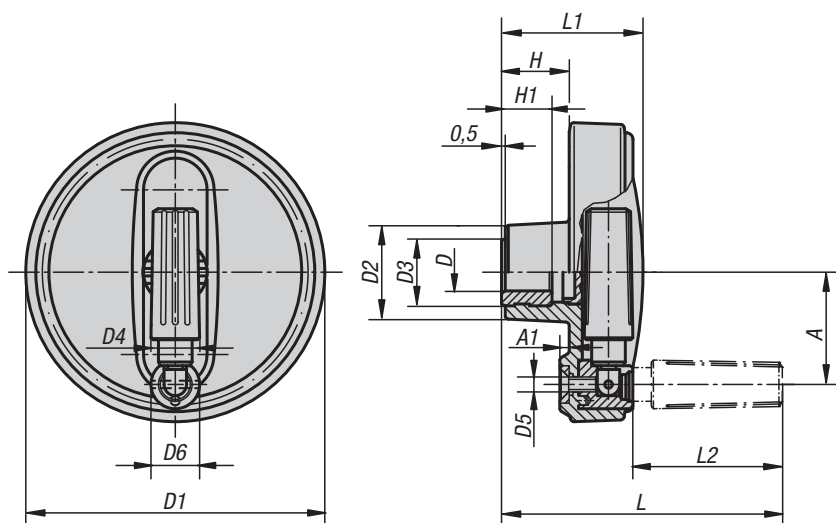
Item No.	Size	D	D1	D2	D3	D4	D5	A	A1	H	H1	L	L1	L2
K0257.108008	1	8	80	25	19	13	M4	30	2,5	17,5	13	75	37,5	40
K0257.210010	2	10	100	28	19	16	M5	38	3	20	13	90	44	49,5
K0257.210012	2	12	100	28	19	16	M5	38	3	20	13	90	44	49,5
K0257.312512	3	12	125	35	25	20	M6	47,5	4	23,5	18,5	109	53	60
K0257.416014	4	14	160	45	25	25	M8	62	5,6	28	18,5	144	64,5	83,5
K0257.416016	4	16	160	45	25	25	M8	62	5,6	28	18,5	144	64,5	83,5

Handwheels

with fold-away handle

INCH
Parts

METRIC
Parts



Material:

Black gray thermoplastic.

Type:

Steel parts black oxide finish.

Part Number Example:

K0258.1080C0

Note:

The hub cover is supplied unassembled.
The handwheels can be secured to the shaft by parallel key connection, cross-pinning or with a DIN 6912 socket head screw and a DIN 7349 washer.

KIPP Handwheels, with fold-away handle, inch

Item No.	Size	D	D1	D2	D3	D4	D5	D6	A	A1	H	H1	L	L1	L2
K0258.1080C0	1	.375	80	25	19	13	M4	13	30	2.5	17.5	13	75	37.5	40
K0258.2100C0	2	.375	100	28	19	16	M5	16	38	3	20	13	90	44	49
K0258.2100CP	2	.500	100	28	19	16	M5	16	38	3	20	13	90	44	49
K0258.3125CP	3	.500	125	35	25	20	M6	20	47.5	4	23.5	18.5	109	53	59.5
K0258.4160CP	4	.500	160	45	25	25	M8	26	62	5.6	28	18.5	144	64.5	83.5
K0258.4160CQ	4	.625	160	45	25	25	M8	26	62	5.6	28	18.5	144	64.5	83.5

KIPP Handwheels, with fold-away handle, metric

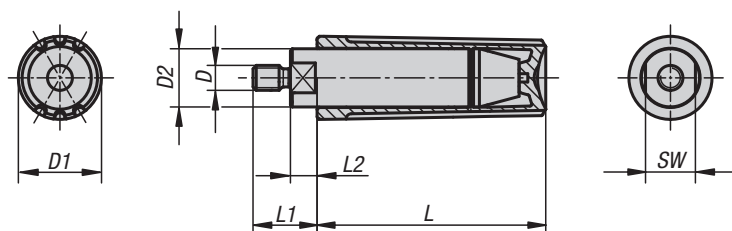
Item No.	Size	D	D1	D2	D3	D4	D5	D6	A	A1	H	H1	L	L1	L2
K0258.108008	1	8	80	25	19	13	M4	13	30	2,5	17,5	13	75	37,5	40
K0258.210010	2	10	100	28	19	16	M5	16	38	3	20	13	90	44	49
K0258.210012	2	12	100	28	19	16	M5	16	38	3	20	13	90	44	49
K0258.312512	3	12	125	35	25	20	M6	20	47,5	4	23,5	18,5	109	53	59,5
K0258.416014	4	14	160	45	25	25	M8	26	62	5,6	28	18,5	144	64,5	83,5
K0258.416016	4	16	160	45	25	25	M8	26	62	5,6	28	18,5	144	64,5	83,5

Machine and Handwheel Handles



INCH
Parts

METRIC
Parts



Novo-Grip Handles are ergonomically designed with great versatility. Engineered for strength, durability and precision performance. These stylish handles will make any application stand out.

Material:

Black gray thermoplastic.

Type:

Steel parts black oxide finish.

Part Number Example:

K0263.1AE

Note:

Revolving Handles are supplied assembled and can be fitted to handwheels, cranks or any other operating element.

KIPP Revolving Handles, inch

Item No.	Size	D	D1	D2	L	L1	L2	SW
K0263.1AE	1	8-32	13	9	35	11	5	8
K0263.2A1	2	10-32	16	11	44	13	5.5	10
K0263.3A2	3	1/4-20	20	14	55	14	5	12
K0263.4A3	4	5/16-18	25	18	70.5	25	13	15

KIPP Revolving Handles, metric

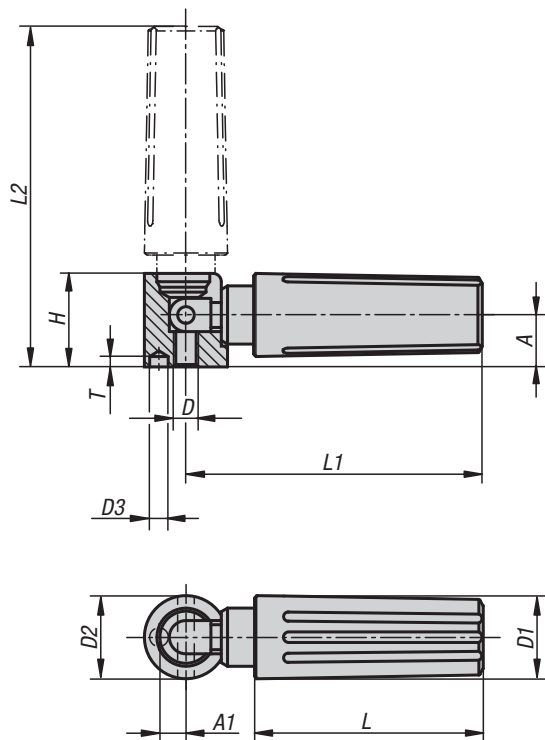
Item No.	Size	D	D1	D2	L	L1	L2	SW
K0263.104	1	M4	13	9	35	11	5	8
K0263.205	2	M5	16	11	44	13	5,5	10
K0263.306	3	M6	20	14	55	14	5	12
K0263.408	4	M8	25	18	70,5	25	13	15

Machine and Handwheel Handles



INCH
Parts

METRIC
Parts



Novo-Grip Handles are ergonomically designed with great versatility. Engineered for strength, durability and precision performance. These stylish handles will make any application stand out.

Material:

Black gray thermoplastic.

Type:

Steel parts black oxide finish.

Part Number Example:

K0264.1AE

Note:

Revolving Handles are supplied assembled and can be fitted to handwheels, cranks or any other operating element.

The hole D3 is used for positioning.

KIPP Fold-Away Handles, inch

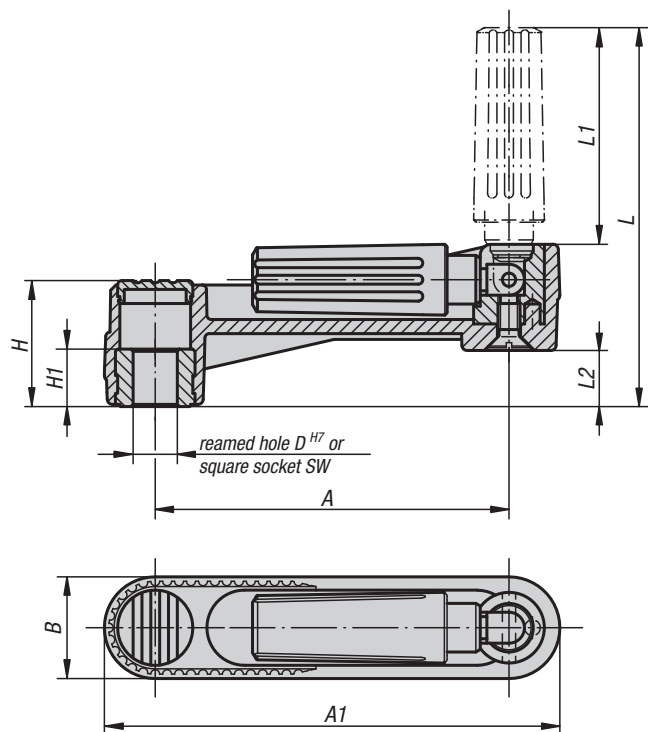
Item No.	Size	D	D1	D2	D3	A	A1	H	L	L1	L2	T
K0264.1AE	1	8-32	13	13	2.5	8	4.3	14.5	35	47	54.5	4.5
K0264.2A1	2	10-32	16	16	3.5	10	5.3	18	44	58	67	4.5
K0264.3A2	3	1/4-20	20	20	4.5	12.5	6.5	22.5	55	71.5	82	6
K0264.4A3	4	5/16-18	25	26	5.5	16	9	29	70.5	98.5	112.5	6.5

KIPP Fold-Away Handles, metric

Item No.	Size	D	D1	D2	D3	A	A1	H	L	L1	L2	T
K0264.104	1	M4	13	13	2,5	8	4,3	14,5	35	47	54,5	4,5
K0264.205	2	M5	16	16	3,5	10	5,3	18	44	58	67	4,5
K0264.306	3	M6	20	20	4,5	12,5	6,5	22,5	55	71,5	82	6
K0264.408	4	M8	25	26	5,5	16	9	29	70,5	98,5	112,5	6,5

Crank Handles

with fold-away grip



Novo-Grip Crank Handles are part of Kipp's advanced engineering Novo-Grip product line. These trend-setting Crank Handles are ergonomically designed to perform in any application offering strength, durability, and precision performance while offering an attractive appearance.

Material:

Black gray thermoplastic.

Type:

Steel parts black oxide finish.

Part Number Example:

K0266.11C0

Note:

The hub cap is supplied loose.
The crank handle can be secured to a shaft using a transverse pin or by parallel key connection together with a DIN 6912 socket head screw and a DIN 7349 washer.

KIPP Crank Handles, with fold-away grip, inch

Item No.	Size	A	A1	B	D	H	H1	L	L1	L2
K0266.11C0	1	80	104	24	.375	29	13	85.5	49	13
K0266.12C0	2	100	129	29	.375	36	13	105	59.5	16
K0266.12CP	2	100	129	29	.500	36	13	105	59.5	16
K0266.13CP	3	125	161	36	.500	44	18.5	140	83.5	19.5

KIPP Crank Handles, with fold-away grip, metric

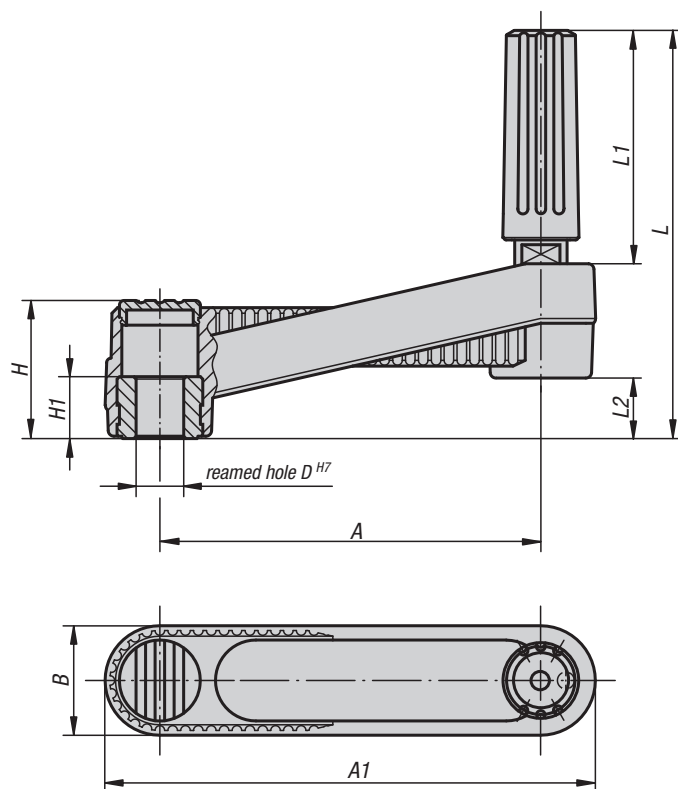
Item No.	Size	A	A1	B	D	H	H1	L	L1	L2
K0266.1108	1	80	104	24	8	29	13	85,5	49	13
K0266.1210	2	100	129	29	10	36	13	105	59,5	16
K0266.1212	2	100	129	29	12	36	13	105	59,5	16
K0266.1312	3	125	161	36	12	44	18,5	140	83,5	19,5

Crank Handles

with revolving grip

INCH
Parts

METRIC
Parts



Novo-Grip Crank Handles are part of Kipp's advanced engineering Novo-Grip line. These trend-setting Crank Handles are ergonomically designed to perform in any application offering strength, durability, and precision performance while offering an attractive appearance.

Material:

Black gray thermoplastic.

Type:

Steel parts black oxide finish.

Part Number Example:

K0659.31C0

Note:

The hub cap and the revolving grip are supplied loose. To assemble the handle simply screw the grip into the existing hole. Novo-Grip crank handles can be secured to a shaft by using a transverse pin or by parallel key connection together with a DIN 6912 socket head screw and a DIN 7349 washer.

KIPP Crank Handles, with revolving grip, inch

Item No.	Size	A	A1	B	D	H	H1	L	L1	L2
K0659.31C0	1	80	104	24	.375	29	13	85.5	49	13
K0659.32C0	2	100	129	29	.375	36	13	105	59.5	16
K0659.32CP	2	100	129	29	.500	36	13	105	59.5	16
K0659.33CP	3	125	161	36	.500	44	18.5	140	83.5	19.5

KIPP Crank Handles, with revolving grip, metric

Item No.	Size	A	A1	B	D	H	H1	L	L1	L2
K0659.3108	1	80	104	24	8	29	13	85,5	49	13
K0659.3210	2	100	129	29	10	36	13	105	59,5	16
K0659.3212	2	100	129	29	12	36	13	105	59,5	16
K0659.3312	3	125	161	36	12	44	18,5	140	83,5	19,5

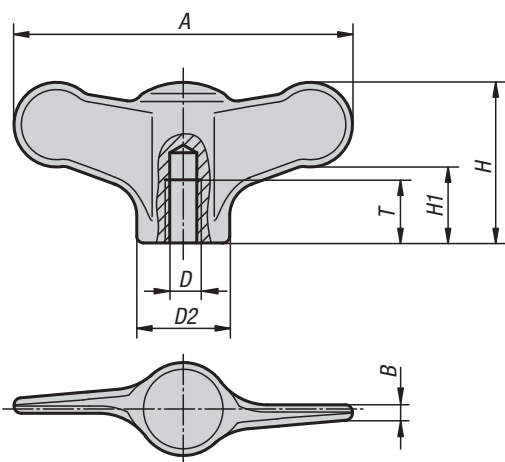
K0273

Wing Grips

stainless steel



Expanded Line



Material:

Stainless steel 1.4308

Type:

Blasted or ground and polished.

Part Number Example:

K0273.9AE

On request:

Wing Grips with external threads.

Wing Grips

stainless steel



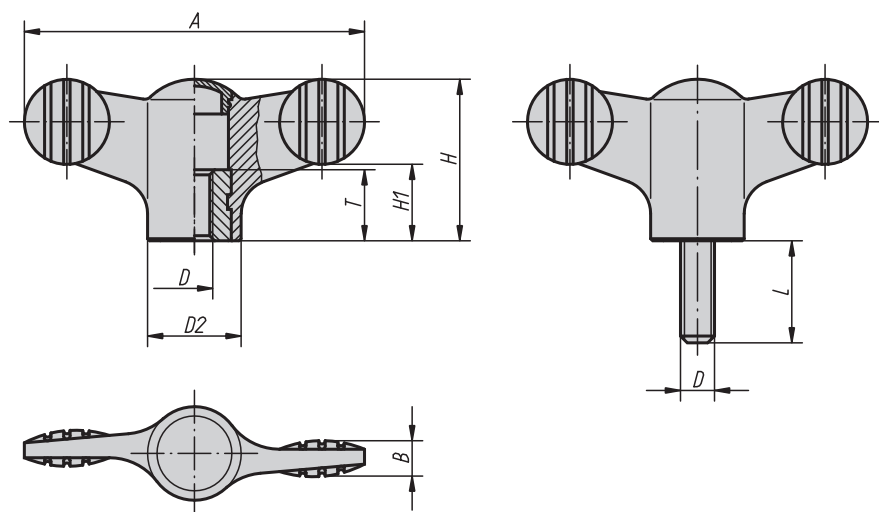
KIPP Wing Grips, stainless steel, internal thread, inch

Item No.	Version	D	D2	A	B	H	H1	T
K0273.9AE	ground and polished	8-32	10.5	38	1.7	18	8.5	9
K0273.9A1	ground and polished	10-32	10.5	38	1.7	18	8.5	9
K0273.9A2	ground and polished	1/4-20	10.5	38	1.7	18	8.5	9
K0273.1A0	ground and polished	10-24	14	50	2.3	24	11.5	10
K0273.1A1	ground and polished	10-32	14	50	2.3	24	11.5	12
K0273.1A2	ground and polished	1/4-20	14	50	2.3	24	11.5	10
K0273.2A3	ground and polished	5/16-18	21	75	3.4	35	16.5	14
K0273.2A4	ground and polished	3/8-16	21	75	3.4	35	16.5	14
K0273.9AE1	blasted	8-32	10.5	38	1.7	18	8.5	9
K0273.9A11	blasted	10-32	10.5	38	1.7	18	8.5	9
K0273.9A21	blasted	1/4-20	10.5	38	1.7	18	8.5	9
K0273.1A01	blasted	10-24	14	50	2.3	24	11.5	12
K0273.1A11	blasted	10-32	14	50	2.3	24	11.5	12
K0273.1A21	blasted	1/4-20	14	50	2.3	24	11.5	12
K0273.2A31	blasted	5/16-18	21	75	3.4	35	16.5	15
K0273.2A41	blasted	3/8-16	21	75	3.4	35	16.5	15

KIPP Wing Grips, stainless steel, internal thread, metric

Item No.	Version	D	D2	A	B	H	H1	T
K0273.904	ground and polished	M4	10,5	38	1,7	18	8,5	9
K0273.905	ground and polished	M5	10,5	38	1,7	18	8,5	9
K0273.906	ground and polished	M6	10,5	38	1,7	18	8,5	9
K0273.105	ground and polished	M5	14	50	2,3	24	11,5	12
K0273.106	ground and polished	M6	14	50	2,3	24	11,5	12
K0273.208	ground and polished	M8	21	75	3,4	35	16,5	15
K0273.210	ground and polished	M10	21	75	3,4	35	16,5	15
K0273.9041	blasted	M4	10,5	38	1,7	18	8,5	9
K0273.9051	blasted	M5	10,5	38	1,7	18	8,5	9
K0273.9061	blasted	M6	10,5	38	1,7	18	8,5	9
K0273.1051	blasted	M5	14	50	2,3	24	11,5	12
K0273.1061	blasted	M6	14	50	2,3	24	11,5	12
K0273.2081	blasted	M8	21	75	3,4	35	16,5	15
K0273.2101	blasted	M10	21	75	3,4	35	16,5	15

Wing Grips

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Parts

The modern design and hi-tech engineering of Novo-Grip Wing Grips appeal offers perfect performance and ergonomic functionality. These Novo-Grip Wing Grips will improve appearance and functionality of any application, increasing performance while offering a more comfortable grip.

Material:

Black gray thermoplastic;
bushing and threaded bolt in steel 5.8 or
stainless steel 1.4305

Type:

Grip black gray
bushing and threaded bolt in steel blue chromate
or stainless steel natural finish

Part Number Example:

K0274.9AE7X10
(cap color bright yellow; include length L)

Note:

Δ Add the desired cap color here; no color code is
required for black gray caps.

black gray	light gray Δ = 5	traffic red Δ = 6	bright yellow Δ = 7
			
RAL 7021	RAL 7035	RAL 3020	RAL 1021

Wing Grips



KIPP Wing Grips, internal thread, inch

Item No. bushing steel	Item No. bushing stainless steel	D	D2	A	B	H	H1	T
K0274.9AEΔ	K0274.09AEΔ	8-32	12	38	4.5	18	8.5	10
K0274.9A1Δ	K0274.09A1Δ	10-32	12	38	4.5	18	8.5	10
K0274.9A2Δ	K0274.09A2Δ	1/4-20	12	38	4.5	18	8.5	10
K0274.1A1Δ	K0274.01A1Δ	10-32	14	50	5	24	11.5	10
K0274.1A2Δ	K0274.01A2Δ	1/4-20	14	50	5	24	11.5	10
K0274.2A3Δ	K0274.02A3Δ	5/16-18	21	75	7	35.6	16.5	14
K0274.2A4Δ	K0274.02A4Δ	3/8-16	21	75	7	35.6	16.5	14

KIPP Wing Grips, external thread, inch

Item No. stud steel	Item No. stud stainless steel	D	D2	A	B	H	H1	L
K0274.9AEΔX	K0274.09AEΔX	8-32	12	38	4.5	18	8.5	10/20
K0274.9A1ΔX	K0274.09A1ΔX	10-32	12	38	4.5	18	8.5	10/20
K0274.9A2ΔX	K0274.09A2ΔX	1/4-20	12	38	4.5	18	8.5	20/30/40
K0274.1A1ΔX	K0274.01A1ΔX	10-32	14	50	5	24	11.5	10/20
K0274.1A2ΔX	K0274.01A2ΔX	1/4-20	14	50	5	24	11.5	20/30/40
K0274.1A3ΔX	K0274.01A3ΔX	5/16-18	14	50	5	24	11.5	20/40
K0274.2A3ΔX	K0274.02A3ΔX	5/16-18	21	75	7	35.6	16.5	20/40
K0274.2A4ΔX	K0274.02A4ΔX	3/8-16	21	75	7	35.6	16.5	20/40

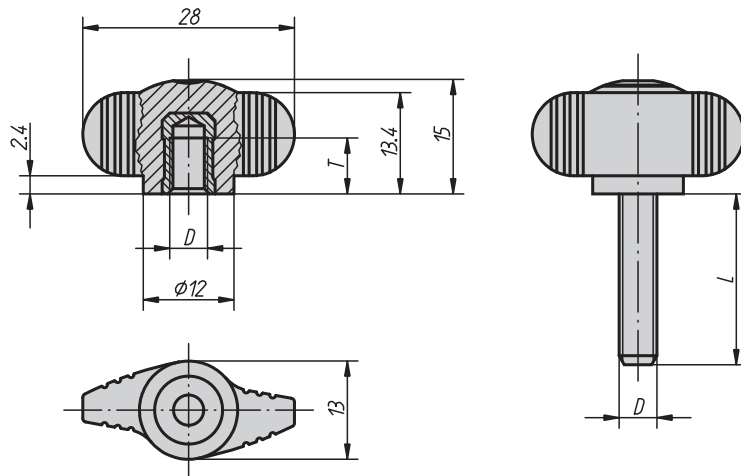
KIPP Wing Grips, internal thread, metric

Item No. bushing steel	Item No. bushing stainless steel	D	D2	A	B	H	H1	T
K0274.904Δ	K0274.0904Δ	M4	12	38	4,5	18	8,5	10
K0274.905Δ	K0274.0905Δ	M5	12	38	4,5	18	8,5	10
K0274.906Δ	K0274.0906Δ	M6	12	38	4,5	18	8,5	10
K0274.105Δ	K0274.0105Δ	M5	14	50	5	24	11,5	10
K0274.106Δ	K0274.0106Δ	M6	14	50	5	24	11,5	10
K0274.208Δ	K0274.0208Δ	M8	21	75	7	35,6	16,5	14
K0274.210Δ	K0274.0210Δ	M10	21	75	7	35,6	16,5	14

KIPP Novo-Grip Wing Grips, external thread, metric

Item No. bolt steel	Item No. bolt stainless steel	D	D2	A	B	H	H1	L
K0274.904ΔX	K0274.0904ΔX	M4	12	38	4,5	18	8,5	10/15
K0274.905ΔX	K0274.0905ΔX	M5	12	38	4,5	18	8,5	15/20/30
K0274.906ΔX	K0274.0906ΔX	M6	12	38	4,5	18	8,5	20/30/40
K0274.105ΔX	K0274.0105ΔX	M5	14	50	5	24	11,5	15/20
K0274.106ΔX	K0274.0106ΔX	M6	14	50	5	24	11,5	20/30/40
K0274.108ΔX	K0274.0108ΔX	M8	14	50	5	24	11,5	20/30/40
K0274.208ΔX	K0274.0208ΔX	M8	21	75	7	35,6	16,5	20/30/40
K0274.210ΔX	K0274.0210ΔX	M10	21	75	7	35,6	16,5	20/30/40/50

Mini Wings

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Parts

This unique and technically superior Novo-Grip product, brings advanced ergonomic design, durability, strength, eye appeal and finger specific precision performance to any application. The perfect solution for high performance and precise gripping requirements in a “mini” space.

Material:

Grip black gray thermoplastic.

Brass bushing or stainless steel 1.4305.

Threaded bolt steel 5.8 or stainless steel 1.4305.

Type:

Steel blue chromate.

Stainless steel natural finish.

Part Number Example:

K0274.0AEX10 (include length L)

Mini Wings



KIPP Mini Wings, internal thread, inch

Item No.	Version	D	T
K0274.0AE	bushing brass	8-32	6
K0274.0A1	bushing brass	10-32	7.5
K0274.0A2	bushing brass	1/4-20	9
K0274.00AE	bushing stainless steel	8-32	6
K0274.00A1	bushing stainless steel	10-32	7.5
K0274.00A2	bushing stainless steel	1/4-20	9

KIPP Mini Wings, external thread, inch

Item No.	Version	D	L
K0274.0AEX	stud steel	8-32	10/20
K0274.0A1X	stud steel	10-32	10/20
K0274.0A2X	stud steel	1/4-20	20/30
K0274.0A3X	stud steel	5/16-18	20/40
K0274.00AEX	stud stainless steel	8-32	10/20
K0274.00A1X	stud stainless steel	10-32	10/20
K0274.00A2X	stud stainless steel	1/4-20	20/30
K0274.00A3X	stud stainless steel	5/16-18	20/40

KIPP Mini Wings, internal thread, metric

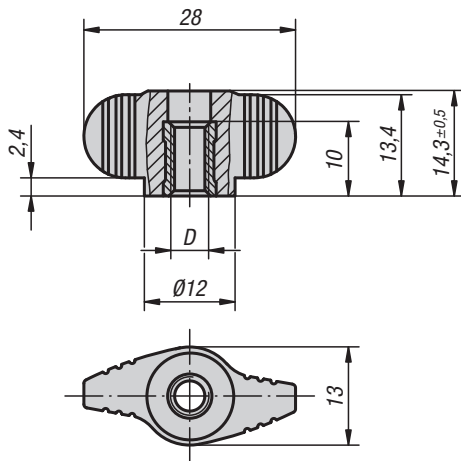
Item No.	Version	D	T
K0274.004	bushing brass	M4	6
K0274.005	bushing brass	M5	7,5
K0274.006	bushing brass	M6	9
K0274.0004	bushing stainless steel	M4	6
K0274.0005	bushing stainless steel	M5	7,5
K0274.0006	bushing stainless steel	M6	9

KIPP Mini Wings, external thread, metric

Item No.	Version	D	L
K0274.004X	stud steel	M4	8
K0274.005X	stud steel	M5	10/15/20
K0274.006X	stud steel	M6	10/15/20/25/30
K0274.008X	stud steel	M8	20/25/30/40
K0274.0004X	stud stainless steel	M4	8
K0274.0005X	stud stainless steel	M5	10/15/20
K0274.0006X	stud stainless steel	M6	10/15/20/25/30
K0274.0008X	stud stainless steel	M8	20/25/30/40

Mini Wings

with continuous internal thread



Technical emotions played an important role while developing these small-sized wing grips. The result is a Miniwing that is far more than a means to an end. It is a well-planned operating and working part with finger-specific ergonomics.

Material:

Grip thermoplastic.

Bushing steel 5.8 or stainless steel 1.4305.

Type:

Grip black gray.

Steel blue chromate.

Stainless steel natural finish.

Part Number Example:

K0658.10AE

KIPP Mini Wings with continuous internal thread, inch

Item No.	Version	D
K0658.10AE	bushing in steel	8-32
K0658.10A1	bushing in steel	10-32
K0658.10A2	bushing in steel	1/4-20
K0658.100AE	bushing in stainless steel	8-32
K0658.100A1	bushing in stainless steel	10-32
K0658.100A2	bushing in stainless steel	1/4-20

KIPP Mini Wings with continuous internal thread, metric

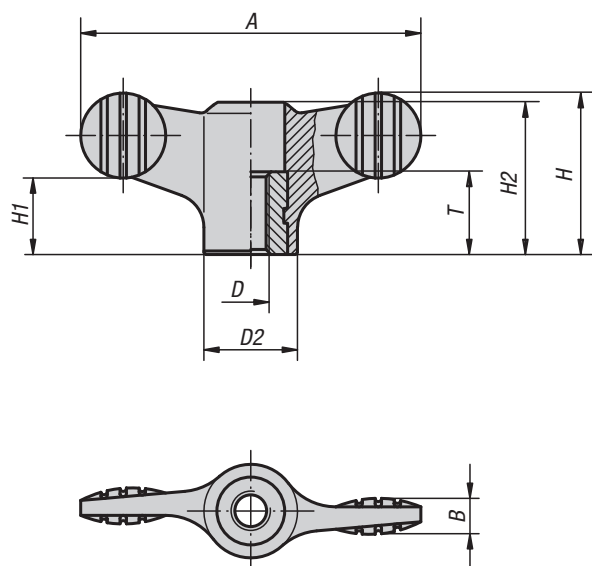
Item No.	Version	D
K0658.1004	bushing in steel	M4
K0658.1005	bushing in steel	M5
K0658.1006	bushing in steel	M6
K0658.10004	bushing in stainless steel	M4
K0658.10005	bushing in stainless steel	M5
K0658.10006	bushing in stainless steel	M6

Wing Grips

with continuous internal thread

INCH
Parts

METRIC
Parts



For many the modern Novo-Grip Wing Grips represent the perfect constructive and technical solution for absolutely "natural" gripping. It enables more comfortable handling than ever before.

Material:

Black gray thermoplastic,
bushing steel 5.8 or
stainless steel 1.4305.

Type:

Bushing steel blue chromate or
stainless steel natural finish.

Part Number Example:

K0274.19AE

KIPP Wing Grips with continuous internal thread, inch

Item No. bushing in steel	Item No. bushing in stainless steel	D	D2	A	B	H	H1	H2	T
K0274.19AE	K0274.109AE	8-32	12	38	4.5	18	8.5	16.1	10
K0274.19A1	K0274.109A1	10-32	12	38	4.5	18	8.5	16.1	10
K0274.19A2	K0274.109A2	1/4-20	12	38	4.5	18	8.5	16.1	10
K0274.11A1	K0274.101A1	10-32	14	50	5	24	11.5	22	10
K0274.11A2	K0274.101A2	1/4-20	14	50	5	24	11.5	22	10
K0274.12A3	K0274.102A3	5/16-18	21	75	7	35.6	17	33.3	14
K0274.12A4	K0274.102A4	3/8-16	21	75	7	35.6	17	33.3	14

KIPP Wing Grips with continuous internal thread, metric

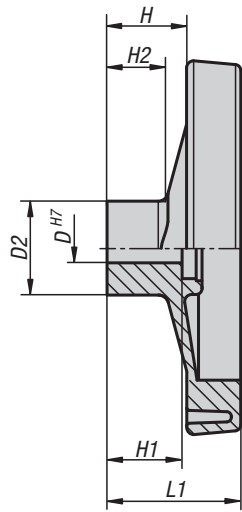
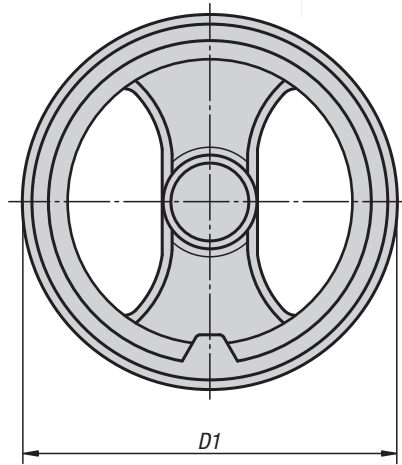
Item No. bushing in steel	Item No. bushing in stainless steel	D	D2	A	B	H	H1	H2	T
K0274.1904	K0274.10904	M4	12	38	4,5	18	8,5	16,1	10
K0274.1905	K0274.10905	M5	12	38	4,5	18	8,5	16,1	10
K0274.1906	K0274.10906	M6	12	38	4,5	18	8,5	16,1	10
K0274.1105	K0274.10105	M5	14	50	5	24	11,5	22	10
K0274.1106	K0274.10106	M6	14	50	5	24	11,5	22	10
K0274.1208	K0274.10208	M8	21	75	7	35,6	17	33,3	14
K0274.1210	K0274.10210	M10	21	75	7	35,6	17	33,3	14

Handwheels 2-spoke

plastic

INCH Parts
METRIC Parts

New Item



Material:

Handwheel reinforced and stabilised polyamide.
Centre plugs polyamide. Tapped bushing steel.

Type:

Handwheel oil and grease resistant, black (RAL 9011), satin finish.
Centre plugs, gray (RAL 7035 cod. 13).
Through bushing black oxide finish or galvanized (Inch versions).

Part Number Example:

K0725.0080X08

Note:

The tolerance H7 for the bore D in the drawing is only for metric handwheels. For inch handwheels the tolerance is H10.

On request:

Other cap colors, special versions.

KIPP Handwheels 2-spoke, plastic, inch

Item No.	D	D1	D2	H	H1	H2	L1
K0725.0080XCN	.312	80	24.5	20	20	16	34
K0725.0100XCO	.375	99	28	25.5	24	20	42
K0725.0100XCQ	.625	99	28	25.5	24	20	42
K0725.0130XCN	.312	129	32	30	24	21	50
K0725.0130XCO	.375	129	32	30	24	21	50
K0725.0160XCO	.375	159	40	33	32	22	57
K0725.0160XCP	.500	159	40	33	32	22	57
K0725.0160XCQ	.625	159	40	33	32	22	57
K0725.0200XCO	.375	198	51	31	32	17.5	60
K0725.0200XCQ	.625	198	51	31	32	17.5	60
K0725.0250XCQ	.625	252	55.5	39.5	36	24	71

KIPP Handwheels 2-spoke, plastic, metric

Item No.	D	D1	D2	H	H1	H2	L1
K0725.0080X08	8	80	24,5	20	20	16	34
K0725.0080X10	10	80	24,5	20	20	16	34
K0725.0100X10	10	99	28	25,5	24	20	42
K0725.0100X12	12	99	28	25,5	24	20	42
K0725.0130X12	12	129	32	30	24	21	50
K0725.0130X14	14	129	32	30	24	21	50
K0725.0160X14	14	159	40	33	32	22	57
K0725.0160X16	16	159	40	33	32	22	57
K0725.0200X16	16	198	51	31	32	17,5	60
K0725.0200X20	20	198	51	31	32	17,5	60
K0725.0250X20	20	252	55,5	39,5	36	24	71
K0725.0250X24	24	252	55,5	39,5	36	24	71
K0725.0345X20	20	346	67,5	42	32	24	79

Handwheels 2-spoke

plastic, with revolving grip

INCH
Parts

METRIC
Parts

New Item



Material:

Handwheel reinforced and stabilised polyamide.

Centre plugs polyamide.

Tapped bushing steel. Tapped insert for cylinder grip brass.

Type:

Handwheel oil and grease resistant, black (RAL 9011), satin finish.

Centre plugs, gray (RAL 7035 cod. 13).

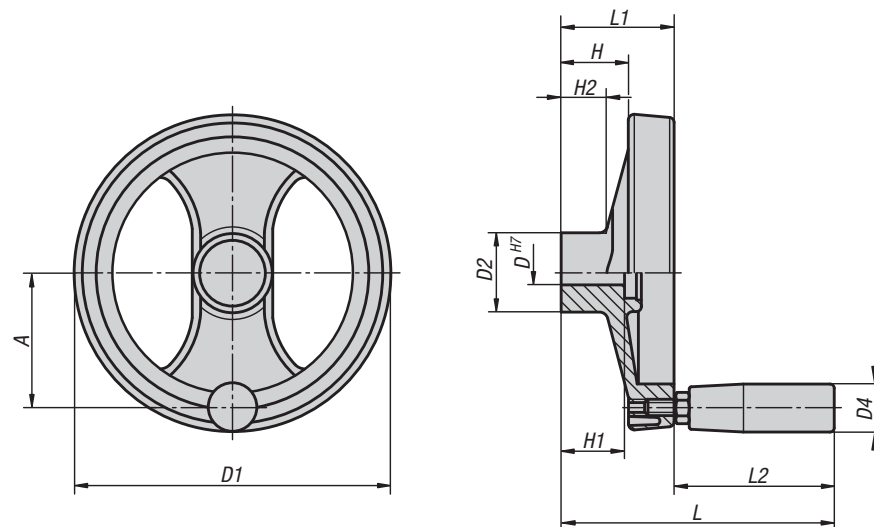
Through bushing black oxide finish or galvanized (Inch versions).

Part Number Example:

K0725.4080X08

Note:

The tolerance H7 for the bore D in the drawing is only for metric handwheels. For inch handwheels the tolerance is H10.



KIPP Handwheels 2-spoke, plastic, with revolving grip, inch

Item No.	D	D1	D2	D4	H	H1	H2	A	L	L1	L2
K0725.4080XCN	.312	80	24.5	20	20	20	16	30	85	34	51
K0725.4100XCO	.375	99	28	20	25.5	24	20	38	93	43	51
K0725.4100XCP	.500	99	28	20	25.5	24	20	38	93	43	51
K0725.4130XCN	.312	129	32	23	30	24	21	55	112	50	62
K0725.4130XCO	.375	129	32	23	30	24	21	55	112	50	62
K0725.4160XCO	.375	159	40	23	33	32	22	66	119	57	62
K0725.4160XCP	.500	159	40	23	33	32	22	66	119	57	62
K0725.4160XCQ	.625	159	40	23	33	32	22	66	119	57	62
K0725.4200XCQ	.625	198	51	26	31	32	17.5	82	141	60	81
K0725.4250XCR	.750	252	55.5	27	39.5	36	24	113	163	71	92

KIPP Handwheels 2-spoke, plastic, with revolving grip, metric

Item No.	D	D1	D2	D4	H	H1	H2	A	L	L1	L2
K0725.4080X08	8	80	24,5	20	20	20	16	30	85	34	51
K0725.4080X10	10	80	24,5	20	20	20	16	30	85	34	51
K0725.4100X10	10	99	28	20	25,5	24	20	38	93	43	51
K0725.4100X12	12	99	28	20	25,5	24	20	38	93	43	51
K0725.4130X12	12	129	32	23	30	24	21	55	112	50	62
K0725.4130X14	14	129	32	23	30	24	21	55	112	50	62
K0725.4160X14	14	159	40	23	33	32	22	66	119	57	62
K0725.4160X16	16	159	40	23	33	32	22	66	119	57	62
K0725.4200X16	16	198	51	26	31	32	17,5	82	141	60	81
K0725.4200X20	20	198	51	26	31	32	17,5	82	141	60	81
K0725.4250X20	20	252	55,5	27	39,5	36	24	113	163	71	92
K0725.4250X24	24	252	55,5	27	39,5	36	24	113	163	71	92
K0725.4345X20	20	346	67,5	27	42	32	24	146	171	79	92

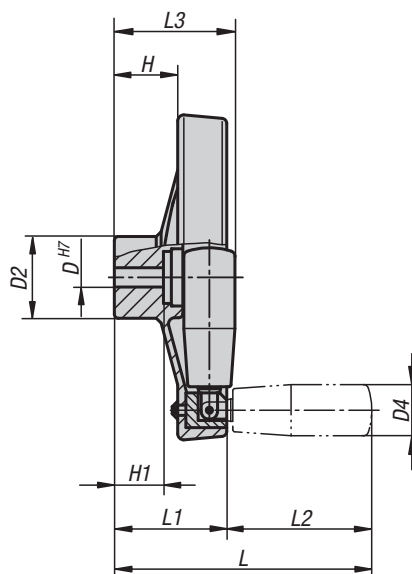
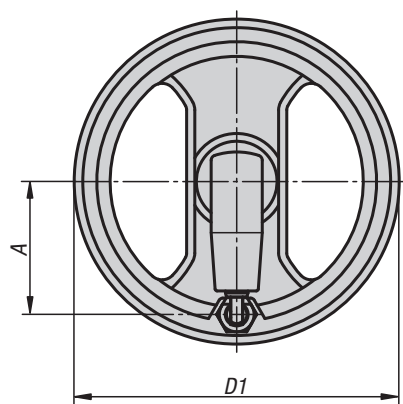
Handwheels 2-spoke

plastic, with fold-down grip

INCH
Parts

METRIC
Parts

New Item



Material:

Handwheel reinforced and stabilised polyamide.
Centre plugs polyamide.
Tapped bushing and insert for cylinder grip steel.

Type:

Handwheel oil and grease resistant, black (RAL 9011), satin finish.
Centre plugs, gray (RAL 7035 cod. 13).
Tapped bushing and insert for folding grip black oxide finish or galvanized (Inch versions).

Part Number Example:

K0725.6130X12

Note:

The tolerance H7 for the bore D in the drawing is only for metric handwheels. For inch handwheels the tolerance is H10.

On request:

Other cap colors, special versions.

KIPP Handwheels 2-spoke, plastic, with fold-down grip, inch

Item No.	D	D1	D2	D4	A	H	H1	L	L1	L2	L3
K0725.6130XCN	.312	129	32	20	51	29	20	111	52	59	53
K0725.6130XCO	.375	129	32	20	51	29	20	111	52	59	53
K0725.6160XCO	.375	159	40	25	65	31	24	126	55	71	59
K0725.6160XCP	.500	159	40	25	65	31	24	126	55	71	59
K0725.6200XCP	.500	200	54.5	27	80	33	28	160	69	91	69

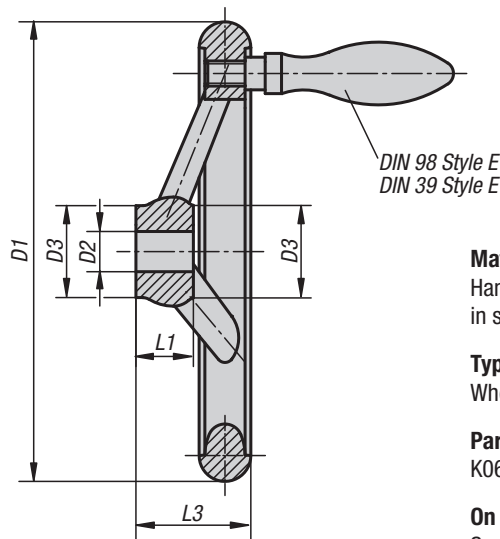
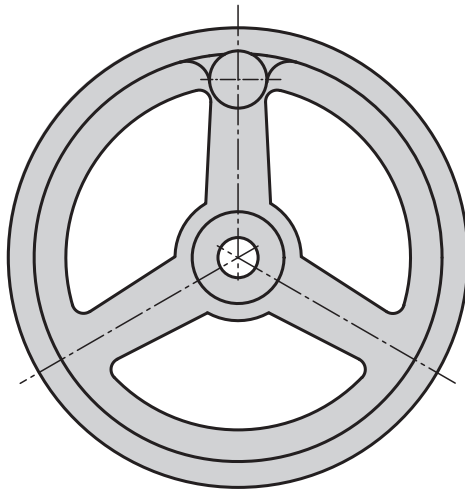
KIPP Handwheels 2-spoke, plastic, with fold-down grip, metric

Item No.	D	D1	D2	D4	A	H	H1	L	L1	L2	L3
K0725.6130X12	12	129	32	20	51	29	20	111	52	59	53
K0725.6130X14	14	129	32	20	51	29	20	111	52	59	53
K0725.6160X14	14	159	40	25	65	24	24	126	55	71	59
K0725.6160X16	16	159	40	25	65	24	24	126	55	71	59
K0725.6200X16	16	200	54,5	27	80	33	28	160	69	91	69
K0725.6200X20	20	200	54,5	27	80	33	28	160	69	91	69
K0725.6345X20	20	346	67,5	27	148	43,5	32	144	80	91	80

Handwheels

gray cast iron DIN 950

INCH
Parts



Material:

Handwheel in gray cast iron, machine handle in steel

Type:

Wheel rim turned and polished.

Part Number Example:

K0671.0080XCN

On request:

Square hole broached hubs or powder-coated handwheels.

KIPP Handwheels gray cast iron DIN 950, without machine handle, inch

Item No.	D1	D2 line 1	D2 line 2	D3	L1	L3	Number of spokes
K0671.0080XCN	80	.312	-	25	16	29	3
K0671.0080XCO	80	-	.375	25	16	29	3
K0671.0100XCO	100	.375	-	26	17	33	3
K0671.0100XCP	100	-	.500	26	17	33	3
K0671.0125XCO	125	.375	-	33	18	36	3
K0671.0125XCP	125	-	.500	33	18	36	3
K0671.0140XCP	140	.500	-	33	19	39	3
K0671.0140XCQ	140	-	.625	33	19	39	3
K0671.0160XCP	160	.500	-	37	20	40	3
K0671.0160XCQ	160	-	.625	37	20	40	3
K0671.0180XCP	180	.500	-	36	22	43	3
K0671.0180XCQ	180	-	.625	36	22	43	3
K0671.0200XCQ	200	.625	-	38	24	45	3
K0671.0200XCR	200	-	.750	38	24	45	3
K0671.0250XCR	250	.750	-	46	28	50	5
K0671.0250XCV	250	-	.875	46	28	50	5
K0671.0315XCV	315	.875	-	54	33	56	5
K0671.0315XCS	315	-	1.00	54	33	56	5
K0671.0400XCS	400	1.00	-	68	38	63	5
K0671.0500XCS	500	1.00	-	79	45	72	5

Handwheels

gray cast iron DIN 950



KIPP Handwheels gray cast iron DIN 950, with fixed machine handle, inch

Item No.	D1	D2 line 1	D2 line 2	D3	L1	L3	Number of spokes	fixed grip DIN 39 Style E
K0671.2080XCN	80	.312	-	25	16	29	3	ø16 x M6 x 50
K0671.2080XCO	80	-	.375	25	16	29	3	ø16 x M6 x 50
K0671.2100XCO	100	.375	-	26	17	33	3	ø16 x M6 x 50
K0671.2100XCP	100	-	.500	26	17	33	3	ø16 x M6 x 50
K0671.2125XCO	125	.375	-	33	18	36	3	ø20 x M8 x 64
K0671.2125XCP	125	-	.500	33	18	36	3	ø20 x M8 x 64
K0671.2140XCP	140	.500	-	33	19	39	3	ø20 x M8 x 64
K0671.2140XCQ	140	-	.625	33	19	39	3	ø20 x M8 x 64
K0671.2160XCP	160	.500	-	37	20	40	3	ø25 x M10 x 80
K0671.2160XCQ	160	-	.625	37	20	40	3	ø25 x M10 x 80
K0671.2180XCP	180	.500	-	36	22	43	3	ø25 x M10 x 80
K0671.2180XCQ	180	-	.625	36	22	43	3	ø25 x M10 x 80
K0671.2200XCQ	200	.625	-	38	24	45	3	ø25 x M10 x 80
K0671.2200XCR	200	-	.750	38	24	45	3	ø25 x M10 x 80
K0671.2250XCR	250	.750	-	46	28	50	5	ø32 x M12 x 100
K0671.2250XCV	250	-	.875	46	28	50	5	ø32 x M12 x 100
K0671.2315XCV	315	.875	-	54	33	56	5	ø32 x M12 x 100
K0671.2315XCS	315	-	1.00	54	33	56	5	ø32 x M12 x 100
K0671.2400XCS	400	1.00	-	68	38	63	5	ø36 x M16 x 112
K0671.2500XCS	500	1.00	-	79	45	72	5	ø36 x M16 x 112

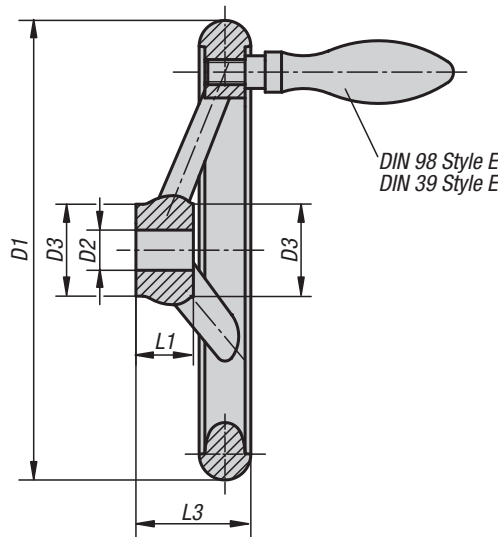
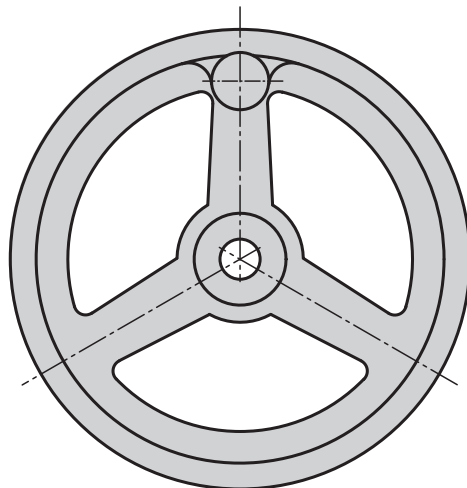
KIPP Handwheels gray cast iron DIN 950, with revolving machine handle, inch

Item No.	D1	D2 line 1	D2 line 2	D3	L1	L3	Number of spokes	revolving machine handle DIN 98 Style E
K0671.4080XCN	80	.312	-	25	16	29	3	ø16 x M6 x 54.5
K0671.4080XCO	80	-	.375	25	16	29	3	ø16 x M6 x 54.5
K0671.4100XCO	100	.375	-	26	17	33	3	ø16 x M6 x 54.5
K0671.4100XCP	100	-	.500	26	17	33	3	ø16 x M6 x 54.5
K0671.4125XCO	125	.375	-	33	18	36	3	ø20 x M8 x 67
K0671.4125XCP	125	-	.500	33	18	36	3	ø20 x M8 x 67
K0671.4140XCP	140	.500	-	33	19	39	3	ø20 x M8 x 67
K0671.4140XCQ	140	-	.625	33	19	39	3	ø20 x M8 x 67
K0671.4160XCP	160	.500	-	37	20	40	3	ø25 x M10 x 83
K0671.4160XCQ	160	-	.625	37	20	40	3	ø25 x M10 x 83
K0671.4180XCP	180	.500	-	36	22	43	3	ø25 x M10 x 83
K0671.4180XCQ	180	-	.625	36	22	43	3	ø25 x M10 x 83
K0671.4200XCQ	200	.625	-	38	24	45	3	ø25 x M10 x 83
K0671.4200XCR	200	-	.750	38	24	45	3	ø25 x M10 x 83
K0671.4250XCR	250	.750	-	46	28	50	5	ø32 x M12 x 105.5
K0671.4250XCV	250	-	.875	46	28	50	5	ø32 x M12 x 105.5
K0671.4315XCV	315	.875	-	54	33	56	5	ø32 x M12 x 105.5
K0671.4315XCS	315	-	1.00	54	33	56	5	ø32 x M12 x 105.5
K0671.4400XCS	400	1.00	-	68	38	63	5	ø36 x M16 x 117
K0671.4500XCS	500	1.00	-	79	45	72	5	ø36 x M16 x 117

Handwheels

aluminum DIN 950

INCH
Parts



Material:

Handwheel aluminum.
Fixed machine handle aluminum, axles steel, black oxide finish.
Revolving machine handle aluminum, axles steel, galvanized and blue chromate.

Type:

Wheel rim turned and polished.

Part Number Example:

K0160.0080XCN

On request:

Square hole broached hubs or powder-coated handwheels.

KIPP Handwheels aluminum DIN 950, without machine handle, inch

Item No.	D1	D2 line 1	D2 line 2	D3	L1	L3	Number of spokes
K0160.0080XCN	80	.312	-	25	16	29	3
K0160.0080XCO	80	-	.375	25	16	29	3
K0160.0100XCO	100	.375	-	29	17	33	3
K0160.0100XCP	100	-	.500	29	17	33	3
K0160.0125XCO	125	.375	-	31	18	36	3
K0160.0125XCP	125	-	.500	31	18	36	3
K0160.0140XCP	140	.500	-	36	19	39	3
K0160.0140XCQ	140	-	.625	36	19	39	3
K0160.0160XCP	160	.500	-	36	20	40	3
K0160.0160XCQ	160	-	.625	36	20	40	3
K0160.0180XCP	180	.500	-	37	22	43	3
K0160.0180XCQ	180	-	.625	37	22	43	3
K0160.0200XCQ	200	.625	-	43	24	45	3
K0160.0200XCR	200	-	.750	43	24	45	3
K0160.0250XCR	250	.750	-	49	28	50	5
K0160.0250XCV	250	-	.875	49	28	50	5
K0160.0315XCV	315	.875	-	54	33	56	5
K0160.0315XCS	315	-	1.00	54	33	56	5
K0160.0400XCS	400	1.00	-	65	38	63	5
K0160.0500XCS	500	1.00	-	79	45	72	5

Handwheels

aluminum DIN 950



KIPP Handwheels aluminum DIN 950, with fixed machine handle, inch

Item No.	D1	D2 line 1	D2 line 2	D3	L1	L3	Number of spokes	fixed grip DIN 39 Style E
K0160.2080XCN	80	.312	-	25	16	29	3	ø16 x M6 x 50
K0160.2080XCO	80	-	.375	25	16	29	3	ø16 x M6 x 50
K0160.2100XCO	100	.375	-	29	17	33	3	ø16 x M6 x 50
K0160.2100XCP	100	-	.500	29	17	33	3	ø16 x M6 x 50
K0160.2125XCO	125	.375	-	31	18	36	3	ø20 x M8 x 64
K0160.2125XCP	125	-	.500	31	18	36	3	ø20 x M8 x 64
K0160.2140XCP	140	.500	-	36	19	39	3	ø20 x M8 x 64
K0160.2140XCQ	140	-	.625	36	19	39	3	ø20 x M8 x 64
K0160.2160XCP	160	.500	-	36	20	40	3	ø25 x M10 x 80
K0160.2160XCQ	160	-	.625	36	20	40	3	ø25 x M10 x 80
K0160.2180XCP	180	.500	-	37	22	43	3	ø25 x M10 x 80
K0160.2180XCQ	180	-	.625	37	22	43	3	ø25 x M10 x 80
K0160.2200XCQ	200	.625	-	43	24	45	3	ø25 x M10 x 80
K0160.2200XCR	200	-	.750	43	24	45	3	ø25 x M10 x 80
K0160.2250XCR	250	.750	-	49	28	50	5	ø32 x M12 x 100
K0160.2250XCV	250	-	.875	49	28	50	5	ø32 x M12 x 100
K0160.2315XCV	315	.875	-	54	33	56	5	ø32 x M12 x 100
K0160.2315XCS	315	-	1.00	54	33	56	5	ø32 x M12 x 100
K0160.2400XCS	400	1.00	-	65	38	63	5	ø36 x M16 x 112
K0160.2500XCS	500	1.00	-	79	45	72	5	ø36 x M16 x 112

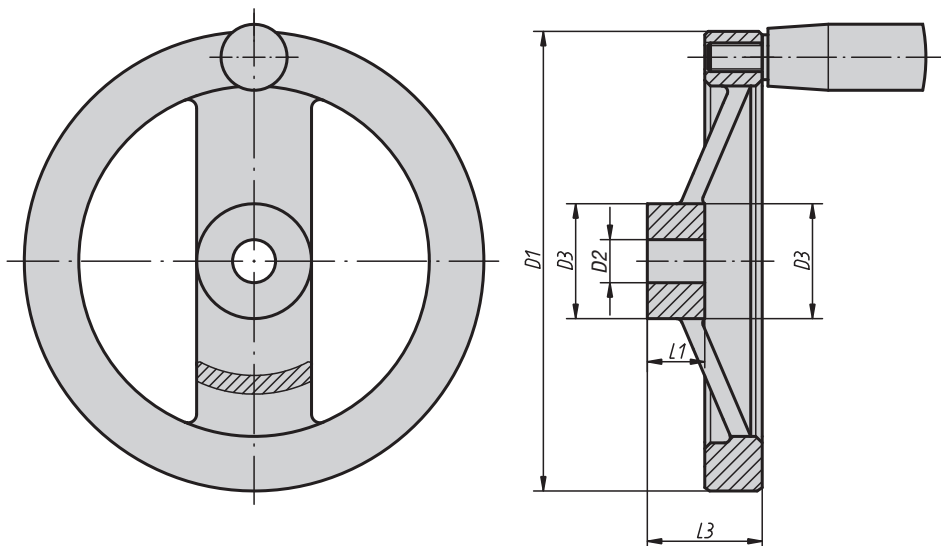
KIPP Handwheels aluminum DIN 950, with revolving machine handle, inch

Item No.	D1	D2 line 1	D2 line 2	D3	L1	L3	Number of spokes	revolving machine handle DIN 98 Style E
K0160.4080XCN	80	.312	-	25	16	29	3	ø16 x M6 x 54.5
K0160.4080XCO	80	-	.375	25	16	29	3	ø16 x M6 x 54.5
K0160.4100XCO	100	.375	-	29	17	33	3	ø16 x M6 x 54.5
K0160.4100XCP	100	-	.500	29	17	33	3	ø16 x M6 x 54.5
K0160.4125XCO	125	.375	-	31	18	36	3	ø20 x M8 x 67
K0160.4125XCP	125	-	.500	31	18	36	3	ø20 x M8 x 67
K0160.4140XCP	140	.500	-	36	19	39	3	ø20 x M8 x 67
K0160.4140XCQ	140	-	.625	36	19	39	3	ø20 x M8 x 67
K0160.4160XCP	160	.500	-	36	20	40	3	ø25 x M10 x 83
K0160.4160XCQ	160	-	.625	36	20	40	3	ø25 x M10 x 83
K0160.4180XCP	180	.500	-	37	22	43	3	ø25 x M10 x 83
K0160.4180XCQ	180	-	.625	37	22	43	3	ø25 x M10 x 83
K0160.4200XCQ	200	.625	-	43	24	45	3	ø25 x M10 x 83
K0160.4200XCR	200	-	.750	43	24	45	3	ø25 x M10 x 83
K0160.4250XCR	250	.750	-	49	28	50	5	ø32 x M12 x 105.5
K0160.4250XCV	250	-	.875	49	28	50	5	ø32 x M12 x 105.5
K0160.4315XCV	315	.875	-	54	33	56	5	ø32 x M12 x 105.5
K0160.4315XCS	315	-	1.00	54	33	56	5	ø32 x M12 x 105.5
K0160.4400XCS	400	1.00	-	65	38	63	5	ø36 x M16 x 117
K0160.4500XCS	500	1.00	-	79	45	72	5	ø36 x M16 x 117

Two-Spoke Handwheels

aluminum planed

INCH
Parts



Material:

Handwheels aluminum;
cylindrical grip black Duroplast PF 31-DIN 7708.
Hub galvanized steel.

Type:

Wheel rim turned and polished.

Part Number Example:

K0162.0080XCN

On request:

Square hole broached hubs or powder-coated handwheels.

KIPP Two-Spoke Handwheels aluminum, planed, without handle, inch

Item No.	D1	D2 line 1	D2 line 2	D3	L1	L3
K0162.0080XCN	80	.312	-	24	16	28
K0162.0080XCO	80	-	.375	24	16	28
K0162.0100XCO	100	.375	-	26	17	33
K0162.0100XCP	100	-	.500	26	17	33
K0162.0125XCO	125	.375	-	31	18	33.5
K0162.0125XCP	125	-	.500	31	18	33.5
K0162.0160XCP	160	.500	-	36	20	39
K0162.0160XCQ	160	-	.625	36	20	39
K0162.0200XCQ	200	.625	-	42	24	45
K0162.0200XCR	200	-	.750	42	24	45
K0162.0250XCR	250	.750	-	48	28	51
K0162.0250XCV	250	-	.875	48	28	51

Two-Spoke Handwheels

aluminum planed



KIPP Two-Spoke Handwheels aluminum, planed, with fixed handle, inch

Item No.	D1	D2 line 1	D2 line 2	D3	L1	L3	Fixed cylinder grip
K0162.2080XCN	80	.312	-	24	16	28	ø18 x M6x40
K0162.2080XCO	80	-	.375	24	16	28	ø18 x M6x40
K0162.2100XCO	100	.375	-	26	17	33	ø18 x M6x40
K0162.2100XCP	100	-	.500	26	17	33	ø18 x M6x40
K0162.2125XCO	125	.375	-	31	18	33.5	ø21 x M8x50
K0162.2125XCP	125	-	.500	31	18	33.5	ø21 x M8x50
K0162.2160XCP	160	.500	-	36	20	39	ø26 x M10x80
K0162.2160XCQ	160	-	.625	36	20	39	ø26 x M10x80
K0162.2200XCQ	200	.625	-	42	24	45	ø26 x M10x80
K0162.2200XCR	200	-	.750	42	24	45	ø26 x M10x80
K0162.2250XCR	250	.750	-	48	28	51	ø28 x M12x90
K0162.2250XCV	250	-	.875	48	28	51	ø28 x M12x90

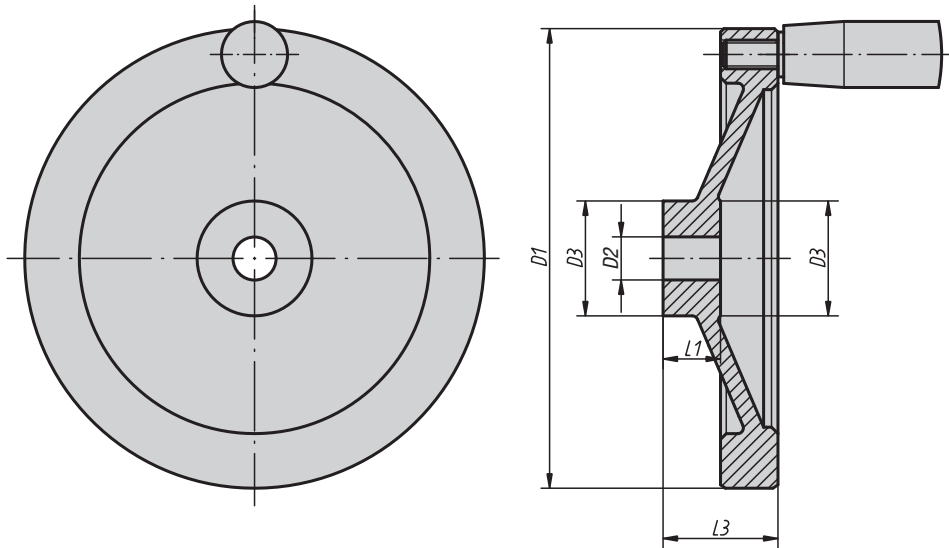
KIPP Two-Spoke Handwheels aluminum, planed, with revolving handle, inch

Item No.	D1	D2 line 1	D2 line 2	D3	L1	L3	Revolving cylinder grip
K0162.4080XCN	80	.312	-	24	16	28	ø18 x M6x40
K0162.4080XCO	80	-	.375	24	16	28	ø18 x M6x40
K0162.4100XCO	100	.375	-	26	17	33	ø18 x M6x40
K0162.4100XCP	100	-	.500	26	17	33	ø18 x M6x40
K0162.4125XCO	125	.375	-	31	18	33.5	ø22 x M8x56
K0162.4125XCP	125	-	.500	31	18	33.5	ø22 x M8x56
K0162.4160XCP	160	.500	-	36	20	39	ø26 x M10x80
K0162.4160XCQ	160	-	.625	36	20	39	ø26 x M10x80
K0162.4200XCQ	200	.625	-	42	24	45	ø26 x M10x80
K0162.4200XCR	200	-	.750	42	24	45	ø26 x M10x80
K0162.4250XCR	250	.750	-	48	28	51	ø31 x M12x102
K0162.4250XCV	250	-	.875	48	28	51	ø31 x M12x102

Disc Handwheels

aluminum planed

INCH
Parts



Material:

Disc handwheel in aluminum;
taper grip handle in black duroplastic
PF 31-DIN 7708, center part in galvanized
steel

Type:

Wheel rim turned and polished.

Part Number Example:

K0161.0080XCN

On request:

Square hole broached hubs or powder-coated
handwheels.

KIPP Disc Handwheels aluminum, planed, without handle, inch

Item No.	D1	D2 line 1	D2 line 2	D3	L1	L3
K0161.0080XCN	80	.312	-	25	16	31
K0161.0080XCO	80	-	.375	25	16	31
K0161.0100XCO	100	.375	-	31	17	34
K0161.0100XCP	100	-	.500	31	17	34
K0161.0125XCO	125	.375	-	30	18	37
K0161.0125XCP	125	-	.500	30	18	37
K0161.0140XCP	140	.500	-	34	19	34
K0161.0140XCQ	140	-	.625	34	19	34
K0161.0160XCP	160	.500	-	40	20	40
K0161.0160XCQ	160	-	.625	40	20	40
K0161.0200XCQ	200	.625	-	50	24	46
K0161.0200XCR	200	-	.750	50	24	46
K0161.0250XCR	250	.750	-	50	28	49
K0161.0250XCV	250	-	.875	50	28	49

Disc Handwheels

aluminum planed



KIPP Disc Handwheels aluminum, planed, with fixed handle, inch

Item No.	D1	D2 line 1	D2 line 2	D3	L1	L3	Fixed cylinder grip
K0161.2080XCN	80	.312	-	25	16	31	ø18 x M6x40
K0161.2080XCO	80	-	.375	25	16	31	ø18 x M6x40
K0161.2100XCO	100	.375	-	31	17	34	ø18 x M6x40
K0161.2100XCP	100	-	.500	31	17	34	ø18 x M6x40
K0161.2125XCO	125	.375	-	30	18	37	ø21 x M8x50
K0161.2125XCP	125	-	.500	30	18	37	ø21 x M8x50
K0161.2140XCP	140	.500	-	34	19	34	ø21 x M8x50
K0161.2140XCQ	140	-	.625	34	19	34	ø21 x M8x50
K0161.2160XCP	160	.500	-	40	20	40	ø26 x M10x80
K0161.2160XCQ	160	-	.625	40	20	40	ø26 x M10x80
K0161.2200XCQ	200	.625	-	50	24	46	ø26 x M10x80
K0161.2200XCR	200	-	.750	50	24	46	ø26 x M10x80
K0161.2250XCR	250	.750	-	50	28	49	ø28 x M12x90
K0161.2250XCV	250	-	.875	50	28	49	ø28 x M12x90

KIPP Disc Handwheels aluminum, planed, with revolving handle, inch

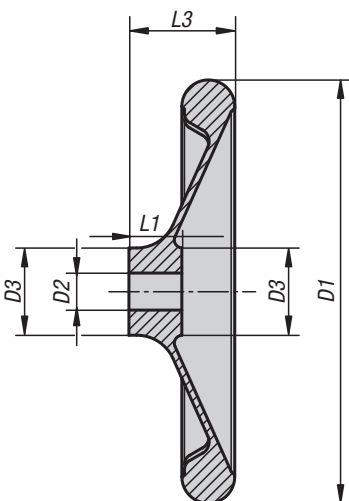
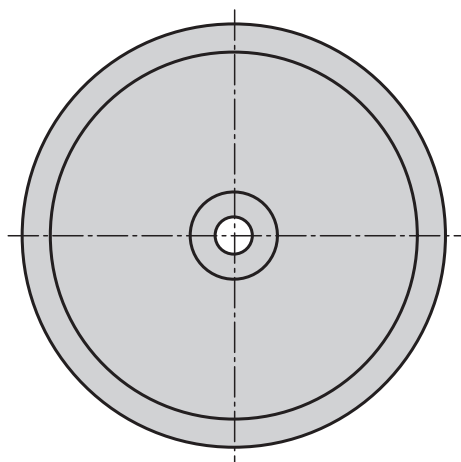
Item No.	D1	D2 line 1	D2 line 2	D3	L1	L3	Revolving cylinder grip
K0161.4080XCN	80	.312	-	25	16	31	ø18 x M6x40
K0161.4080XCO	80	-	.375	25	16	31	ø18 x M6x40
K0161.4100XCO	100	.375	-	31	17	34	ø18 x M6x40
K0161.4100XCP	100	-	.500	31	17	34	ø18 x M6x40
K0161.4125XCO	125	.375	-	30	18	37	ø22 x M8x56
K0161.4125XCP	125	-	.500	30	18	37	ø22 x M8x56
K0161.4140XCP	140	.500	-	34	19	34	ø22 x M8x56
K0161.4140XCQ	140	-	.625	34	19	34	ø22 x M8x56
K0161.4160XCP	160	.500	-	40	20	40	ø26 x M10x80
K0161.4160XCQ	160	-	.625	40	20	40	ø26 x M10x80
K0161.4200XCQ	200	.625	-	50	24	46	ø26 x M10x80
K0161.4200XCR	200	-	.750	50	24	46	ø26 x M10x80
K0161.4250XCR	250	.750	-	50	28	49	ø31 x M12x102
K0161.4250XCV	250	-	.875	50	28	49	ø31 x M12x102

Disc Handwheels

aluminum similar to DIN 950

INCH
Parts

METRIC
Parts



Material:

Handwheel aluminum

Type:

Wheel rim turned and polished

Part Number Example:

K0163.0080XCN

On request:

Square hole broached hubs or powder-coated handwheels.

Disc Handwheels

aluminum similar to DIN 950



KIPP Disc Handwheels aluminum, similar to DIN 950, inch

Item No.	D1	D2 line 1	D2 line 2	D3	L1	L3
K0163.0080XCN	80	.312	-	25	16	30
K0163.0080XCO	80	-	.375	25	16	30
K0163.0100XCO	100	.375	-	28	17	31
K0163.0100XCP	100	-	.500	28	17	31
K0163.0120XCO	120	.375	-	27	18	30
K0163.0120XCP	120	-	.500	27	18	30
K0163.0160XCP	160	.500	-	34	20	40
K0163.0160XCQ	160	-	.625	34	20	40
K0163.0200XCQ	200	.625	-	40	24	44
K0163.0200XCR	200	-	.750	40	24	44
K0163.0250XCR	250	.750	-	49	28	61
K0163.0250XCV	250	-	.875	49	28	61
K0163.0280XCR	280	.750	-	51	30	38
K0163.0280XCV	280	-	.875	51	30	38
K0163.0360XCV	360	.875	-	63	35	73
K0163.0360XCS	360	-	1.00	63	35	73

KIPP Disc Handwheels aluminum, similar to DIN 950, metric

Item No.	D1	D2 line 1	D2 line 2	D3	L1	L3
K0163.0080X10	80	10	-	25	16	30
K0163.0080X12	80	-	12	25	16	30
K0163.0100X10	100	10	-	28	17	31
K0163.0100X12	100	-	12	28	17	31
K0163.0120X12	120	12	-	27	18	30
K0163.0120X14	120	-	14	27	18	30
K0163.0160X14	160	14	-	34	20	40
K0163.0160X16	160	-	16	34	20	40
K0163.0200X18	200	18	-	40	24	44
K0163.0200X22	200	-	22	40	24	44
K0163.0250X22	250	22	-	49	28	61
K0163.0250X26	250	-	26	49	28	61
K0163.0280X24	280	24	-	51	30	38
K0163.0280X28	280	-	28	51	30	38
K0163.0360X28	360	28	-	63	35	73
K0163.0360X32	360	-	32	63	35	73

Disc Handwheels

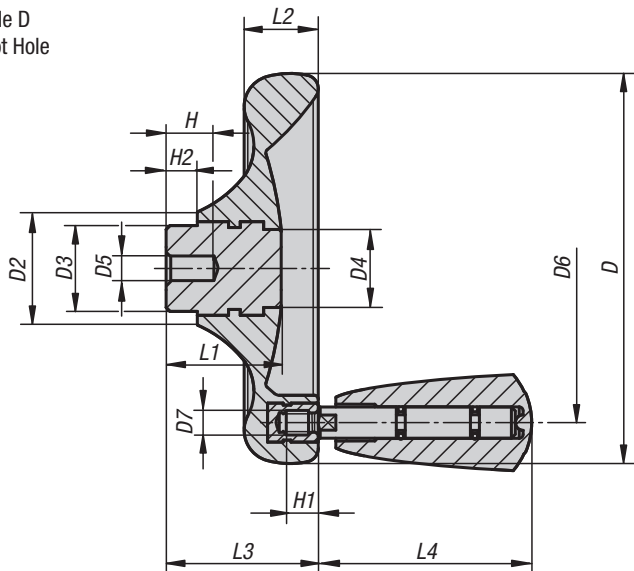
duroplastic with revolving taper grip

INCH
Parts

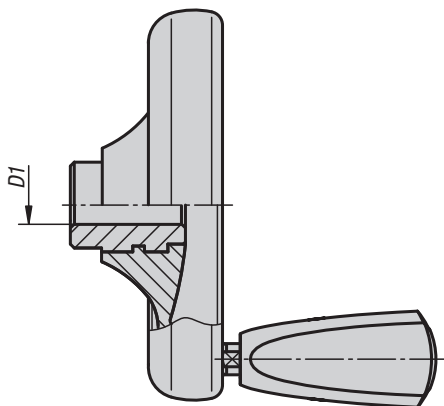
METRIC
Parts



Style D
Pilot Hole



Style E
Thru Bore Hole



Material:

Duroplast PF 31, black.
Hubs nickel-plated steel or
bright stainless steel 1.4305.
Revolving grip, steel parts nickel-plated or
stainless steel 1.4305, natural finish.

Type:

High-polish finish.

Part Number Example:

K0164.1100XCM

Note:

The handwheel is supplied with the grip unassembled.

On request:

Other reamed holes.

Disc Handwheels

duroplastic with revolving taper grip



KIPP Disc Handwheels, with revolving taper grip, inch

Item No.	Style	Size	D	D1	D2	D3	D4	D6	D7	H1	H2	L1	L2	L3	L4
K0164.1100XCM	E	1	100	.25	29	22	20	79	M6	9	8	29.5	19	39	54.7
K0164.1125XCO	E	2	125	.375	34	26	21	101	M6	9	8	34	24	46	54.7
K0164.1140XCP	E	3	140	.5	39	30	25	110	M8	12	8	38.5	27	52	82.2
K0164.1160XCQ	E	4	160	.625	43	33	30	128	M8	12	8	41.3	30.1	57	82.2
K0164.1160XCR	E	4	160	.75	43	33	30	128	M8	12	8	41.3	30.1	57	82.2

KIPP Disc Handwheels, with revolving taper grip, steel parts in stainless steel, inch

Item No.	Style	Size	D	D1	D2	D3	D4	D6	D7	H1	H2	L1	L2	L3	L4
K0164.3100XCM	E	1	100	.25	29	22	20	79	M6	9	8	29.5	19	39	54.7
K0164.3125XCO	E	2	125	.375	34	26	21	101	M6	9	8	34	24	46	54.7
K0164.3140XCP	E	3	140	.5	39	30	25	110	M8	12	8	38.5	27	52	82.2
K0164.3160XCQ	E	4	160	.625	43	33	30	128	M8	12	8	41.3	30.1	57	82.2
K0164.3160XCR	E	4	160	.75	43	33	30	128	M8	12	8	41.3	30.1	57	82.2

KIPP Disc Handwheels, with revolving taper grip, metric

Item No. Style D	Item No. Style E	Size	D	D1	D2	D3	D4	D5	D6	D7	H	H1	H2	L1	L2	L3	L4
K0164.0100X06	K0164.1100X10	1	100	-/10 H8	29	22	20	6/ -	79	M6	12/ -	9	8	29,5	19	39	54,7
K0164.0125X08	K0164.1125X12	2	125	-/12 H8	34	26	21	8/ -	101	M6	15/ -	9	8	34	24	46	54,7
K0164.0140X08	K0164.1140X14	3	140	-/14 H8	39	30	25	8/ -	110	M8	16/ -	12	8	38,5	27	52	82,2
K0164.0160X10	K0164.1160X16	4	160	-/16 H8	43	33	30	10/ -	128	M8	20/ -	12	8	41,3	30,1	57	82,2
-	K0164.1160X18	4	160	18 H8	43	33	30	-	128	M8	-	12	8	41,3	30,1	57	82,2

KIPP Disc Handwheels, with revolving taper grip, steel parts in stainless steel, metric

Item No. Style D	Item No. Style E	Size	D	D1	D2	D3	D4	D5	D6	D7	H	H1	H2	L1	L2	L3	L4
K0164.2100X06	K0164.3100X10	1	100	-/10 H7	29	22	20	6/ -	79	M6	12/ -	9	8	29,5	19	39	54,7
K0164.2125X08	K0164.3125X12	2	125	-/12 H7	34	26	21	8/ -	101	M6	15/ -	9	8	34	24	46	54,7
K0164.2140X08	K0164.3140X14	3	140	-/14 H7	39	30	25	8/ -	110	M8	16/ -	12	8	38,5	27	52	82,2
K0164.2160X10	K0164.3160X16	4	160	-/16 H7	43	33	30	10/ -	128	M8	20/ -	12	8	41,3	30,1	57	82,2
-	K0164.3160X18	4	160	18 H7	43	33	30	-	128	M8	-	12	8	41,3	30,1	57	82,2

Disc Handwheels

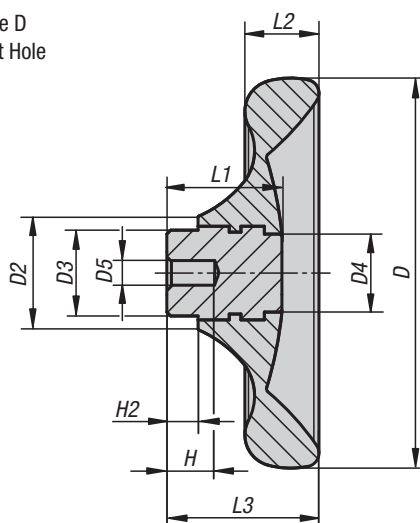
duroplastic without taper grip

INCH
Parts

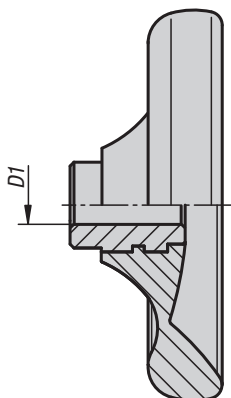
METRIC
Parts



Style D
Pilot Hole



Style E
Thru Bore Hole



Material:

Black Duroplast PF 31.

Hub nickel-plated steel or stainless steel 1.4305 natural finish.

Type:

High-polish finish.

Part Number Example:

K0165.1100XCM

On request:

Other reamed holes.

Disc Handwheels

duroplastic without taper grip



KIPP Disc Handwheels without taper grip, bushing in steel, inch

Item No.	Style	Size	D	D1	D2	D3	D4	H2	L1	L2	L3
K0165.1100XCM	E	1	100	.25	29	22	20	8	29.5	19	39
K0165.1125XCO	E	2	125	.375	34	26	21	8	34	24	46
K0165.1140XCP	E	3	140	.5	39	30	25	8	38.5	27	52
K0165.1160XCQ	E	4	160	.625	43	33	30	8	41.3	30.1	57
K0165.1160XCR	E	4	160	.75	43	33	30	8	41.3	30.1	57

KIPP Disc Handwheels without taper grip, bushing in stainless steel, inch

Item No.	Style	Size	D	D1	D2	D3	D4	H2	L1	L2	L3
K0165.3100XCM	E	1	100	.25	29	22	20	8	29.5	19	39
K0165.3125XCO	E	2	125	.375	34	26	21	8	34	24	46
K0165.3140XCP	E	3	140	.5	39	30	25	8	38.5	27	52
K0165.3160XCQ	E	4	160	.625	43	33	30	8	41.3	30.1	57
K0165.3160XCR	E	4	160	.75	43	33	30	8	41.3	30.1	57

KIPP Disc Handwheels without taper grip, bushing in steel, metric

Item No. Style D	Item No. Style E	Size	D	D1	D2	D3	D4	D5	H	H2	L1	L2	L3
K0165.0100X06	K0165.1100X10	1	100	-/10 H8	29	22	20	6/ -	12/ -	8	29,5	19	39
K0165.0125X08	K0165.1125X12	2	125	-/12 H8	34	26	21	8/ -	15/ -	8	34	24	46
K0165.0140X08	K0165.1140X14	3	140	-/14 H8	39	30	25	8/ -	16/ -	8	38,5	27	52
K0165.0160X10	K0165.1160X16	4	160	-/16 H8	43	33	30	10/ -	20/ -	8	41,3	30,1	57
-	K0165.1160X18	4	160	18 H8	43	33	30	-	-	8	41,3	30,1	57

KIPP Disc Handwheels without taper grip, bushing in stainless steel, metric

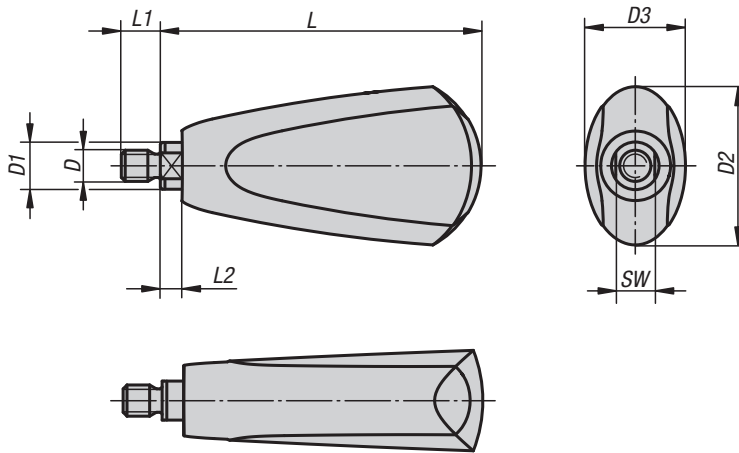
Item No. Style D	Item No. Style E	Size	D	D1	D2	D3	D4	D5	H	H2	L1	L2	L3
K0165.2100X06	K0165.3100X10	1	100	-/10 H7	29	22	20	6/ -	12/ -	8	29,5	19	39
K0165.2125X08	K0165.3125X12	2	125	-/12 H7	34	26	21	8/ -	15/ -	8	34	24	46
K0165.2140X08	K0165.3140X14	3	140	-/14 H7	39	30	25	8/ -	16/ -	8	38,5	27	52
K0165.2160X10	K0165.3160X16	4	160	-/16 H7	43	33	30	10/ -	20/ -	8	41,3	30,1	57
-	K0165.3160X18	4	160	18 H7	43	33	30	-	-	8	41,3	30,1	57

Machine and Handwheel Handles

Revolving Taper Grips

INCH
Parts

METRIC
Parts


Material:

Black duroplastic PF 31; axle steel, nickel-plated or stainless steel 1.4305, natural finish; snap ring in stainless steel 1.4310

Type:

High-polish finish.

Part Number Example:

K0651.1A2009

Note:

The grips are suitable for Disc Handwheels with revolving taper grip K0164.

KIPP Machine and Handwheel Handles, Revolving Taper Grips, inch

Item No. axle steel	Item No. axle stainless steel	Size	D	D1	D2	D3	L	L1	L2	SW
K0651.1A2009	K0651.11A2009	1	1/4-20	8	25	18	54.7	9	4.5	7
K0651.2A3010	K0651.12A3010	2	5/16-18	12	41	26	82.2	10	5.5	10

KIPP Machine and Handwheel Handles, Revolving Taper Grips, metric

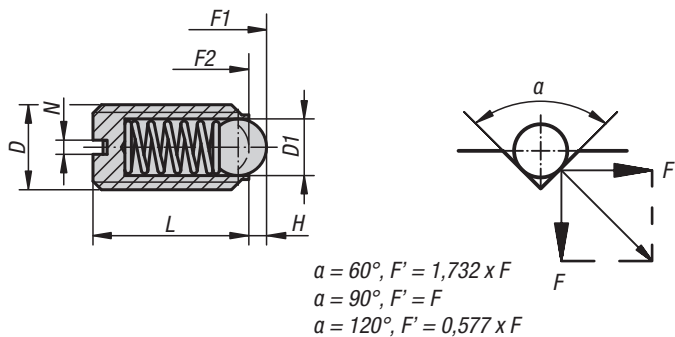
Item No. axle steel	Item No. axle stainless steel	Size	D	D1	D2	D3	L	L1	L2	SW
K0651.106009	K0651.1106009	1	M6	8	25	18	54,7	9	4,5	7
K0651.208010	K0651.1208010	2	M8	12	41	26	82,2	10	5,5	10

Spring Plungers

ball style, slotted, steel

INCH
Parts

METRIC
Parts



Material:

Body in steel quality class 5.8.

Ball steel.

Spring in spring steel class D.

Type:

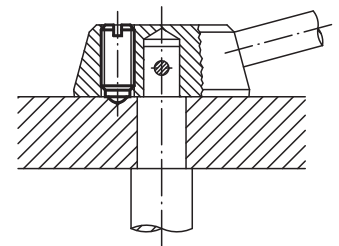
Black oxide finish.

Ball hardened.

Part Number Example:

K0309.AD

Application Diagram



KIPP Spring Plungers, ball style, slotted, steel, standard end pressure, inch

Item No.	D	D1	L	H	N	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0309.AD	6-32	1.5	7	0.4	0.4	1.5	3
K0309.AG	8-36	2.5	9	0.8	0.6	4	10
K0309.AE	8-32	2.5	9	0.8	0.6	4	10
K0309.A1	10-32	3	12	0.9	0.8	6	11
K0309.AJ	1/4-28	3.5	14	1	1	9	13
K0309.A2	1/4-20	3.5	14	1	1	9	13
K0309.A3	5/16-18	5	16	1.5	1.2	15	30
K0309.A4	3/8-16	6	19	2	1.6	20	35
K0309.A5	1/2-13	8	22	2.5	2	30	55
K0309.A6	5/8-11	10	24	3.5	2.5	65	125

Spring Plungers

ball style, slotted, steel

KIPP Spring Plungers, ball style, slotted, steel, heavy end pressure, inch

Item No.	D	D1	L	H	N	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0309.2A1	10-32	3	12	0.9	0.8	19	30
K0309.2AJ	1/4-28	3.5	14	1	1	28	40
K0309.2A2	1/4-20	3.5	14	1	1	28	40
K0309.2A3	5/16-18	5	16	1.5	1.2	47	73
K0309.2A4	3/8-16	6	19	2	1.6	66	100
K0309.2A5	1/2-13	8	22	2.5	2	66	120
K0309.2A6	5/8-11	10	24	3.5	2.5	90	180

KIPP Spring Plungers, ball style, slotted, steel, standard end pressure, metric

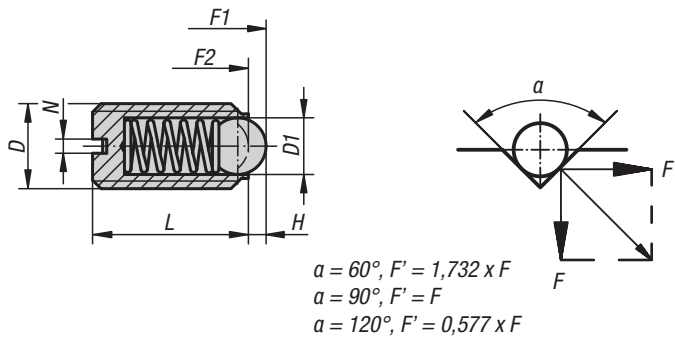
Item No.	D	D1	L	H	N	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0309.03	M3	1,5	7	0,4	0,4	1,5	3
K0309.04	M4	2,5	9	0,8	0,6	4	10
K0309.05	M5	3	12	0,9	0,8	6	11
K0309.06	M6	3,5	14	1	1	9	13
K0309.08	M8	5	16	1,5	1,2	15	30
K0309.10	M10	6	19	2	1,6	20	35
K0309.12	M12	8	22	2,5	2	30	55
K0309.16	M16	10	24	3,5	2,5	65	125
K0309.20	M20	12	30	4,5	2,5	80	160

KIPP Spring Plungers, ball style, slotted, steel, heavy end pressure, metric

Item No.	D	D1	L	H	N	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0309.203	M3	1,5	7	0,4	0,4	5	7
K0309.204	M4	2,5	9	0,8	0,6	12	22
K0309.205	M5	3	12	0,9	0,8	19	30
K0309.206	M6	3,5	14	1	1	28	40
K0309.208	M8	5	16	1,5	1,2	47	73
K0309.210	M10	6	19	2	1,6	66	100
K0309.212	M12	8	22	2,5	2	66	120
K0309.216	M16	10	24	3,5	2,5	90	180
K0309.220	M20	12	30	4,5	2,5	115	240

Spring Plungers

ball style, slotted, stainless steel



Material:

Body in stainless steel 1.4305;
ball in stainless steel 1.4034;
spring in stainless steel 1.4310

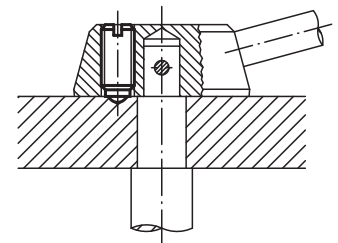
Type:

Natural finish. Ball hardened.

Part Number Example:

K0310.AD

Application Diagram



KIPP Spring Plungers, ball style, slotted, stainless steel, standard end pressure, inch

Item No.	D	D1	L	H	N	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0310.AD	6-32	1.5	7	0.4	0.4	1.5	3
K0310.AG	8-36	2.5	9	0.8	0.6	4	10
K0310.AE	8-32	2.5	9	0.8	0.6	4	10
K0310.A1	10-32	3	12	0.9	0.8	6	11
K0310.AJ	1/4-28	3.5	14	1	1	9	13
K0310.A2	1/4-20	3.5	14	1	1	9	13
K0310.A3	5/16-18	5	16	1.5	1.2	15	30
K0310.A4	3/8-16	6	19	2	1.6	20	35
K0310.A5	1/2-13	8	22	2.5	2	30	55
K0310.A6	5/8-11	10	24	3.5	2.5	65	125

Spring Plungers

ball style, slotted, stainless steel

KIPP Spring Plungers, ball style, slotted, stainless steel, heavy end pressure, inch

Item No.	D	D1	L	H	N	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0310.2A1	10-32	3	12	0.9	0.8	19	30
K0310.2AJ	1/4-28	3.5	14	1	1	28	40
K0310.2A2	1/4-20	3.5	14	1	1	28	40
K0310.2A3	5/16-18	5	16	1.5	1.2	47	73
K0310.2A4	3/8-16	6	19	2	1.6	66	100
K0310.2A5	1/2-13	8	22	2.5	2	66	120
K0310.2A6	5/8-11	10	24	3.5	2.5	90	180

KIPP Spring Plungers, ball style, slotted, stainless steel, standard end pressure, metric

Item No.	D	D1	L	H	N	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0310.03	M3	1,5	7	0,4	0,4	1,5	3
K0310.04	M4	2,5	9	0,8	0,6	4	10
K0310.05	M5	3	12	0,9	0,8	6	11
K0310.06	M6	3,5	14	1	1	9	13
K0310.08	M8	5	16	1,5	1,2	15	30
K0310.10	M10	6	19	2	1,6	20	35
K0310.12	M12	8	22	2,5	2	30	55
K0310.16	M16	10	24	3,5	2,5	65	125
K0310.20	M20	12	30	4,5	2,5	80	160

KIPP Spring Plungers, ball style, slotted, stainless steel, heavy end pressure, metric

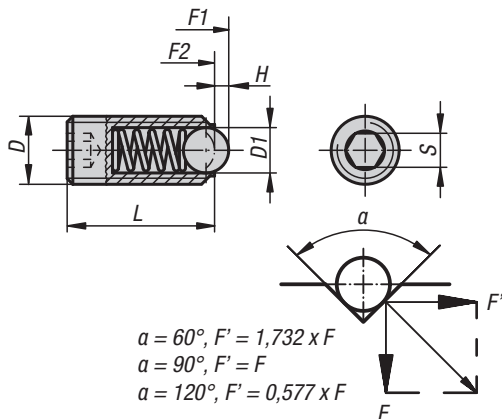
Item No.	D	D1	L	H	N	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0310.203	M3	1,5	7	0,4	0,4	5	7
K0310.204	M4	2,5	9	0,8	0,6	12	22
K0310.205	M5	3	12	0,9	0,8	19	30
K0310.206	M6	3,5	14	1	1	28	40
K0310.208	M8	5	16	1,5	1,2	47	73
K0310.210	M10	6	19	2	1,6	66	100
K0310.212	M12	8	22	2,5	2	66	120
K0310.216	M16	10	24	3,5	2,5	90	180
K0310.220	M20	12	30	4,5	2,5	115	240

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:

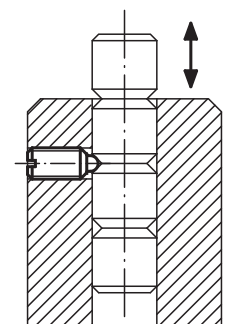
Black oxide finish.

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

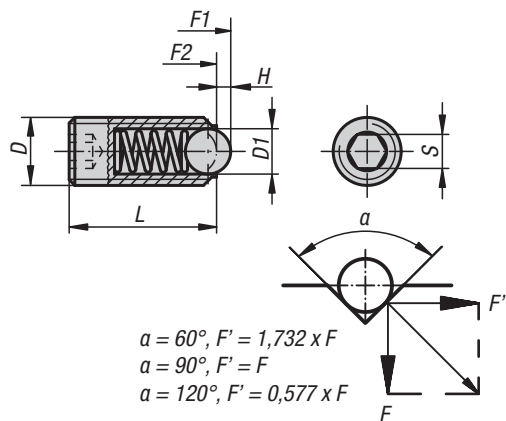
Item No.	D	D1	L	H	S	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0315.03	M3	1,5	9	0,4	1,5	1,5	3
K0315.04	M4	2,5	10	0,8	2	4	10
K0315.05	M5	3	14	0,9	2,5	6	11
K0315.06	M6	3,5	15	1	3	9	13
K0315.08	M8	5	18	1,5	4	15	30
K0315.10	M10	6	23	2	5	20	35
K0315.12	M12	8	26	2,5	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

Spring Plungers

ball style, hexagon socket, stainless steel



Material:

Body in stainless steel 1.4305;
ball in stainless steel 1.4034;
spring in stainless steel 1.4310

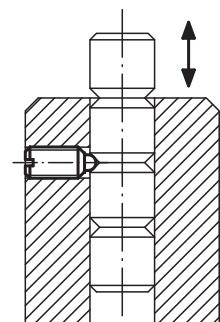
Type:

Natural finish. Ball hardened.

Part Number Example:

K0316.210

Application Diagram



KIPP Spring Plungers, ball style, hexagon socket, stainless 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
K0316.AJ	1/4-28	3.5	15	1	1/8	9	13
K0316.A2	1/4-20	3.5	15	1	1/8	9	13
K0316.A3	5/16-18	5	18	1.5	5/32	15	30
K0316.A4	3/8-16	6	23	2	3/16	20	35
K0316.A5	1/2-13	8	26	2.5	7/32	30	55
K0316.A6	5/8-11	10	33	3.5	5/16	65	125

Spring Plungers

ball style, hexagon socket, stainless steel

KIPP Spring Plungers, ball style, hexagon socket, stainless 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
K0316.2AJ	1/4-28	3.5	15	1	1/8	28	40
K0316.2A2	1/4-20	3.5	15	1	1/8	28	40
K0316.2A3	5/16-18	5	18	1.5	5/32	47	73
K0316.2A4	3/8-16	6	23	2	3/16	66	100
K0316.2A5	1/2-13	8	26	2.5	7/32	66	120
K0316.2A6	5/8-11	10	33	3.5	5/16	90	180

KIPP Spring Plungers, ball style, hexagon socket, stainless 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
K0316.03	M3	1,5	9	0,4	1,5	1,5	3
K0316.04	M4	2,5	10	0,8	2	4	10
K0316.05	M5	3	14	0,9	2,5	6	11
K0316.06	M6	3,5	15	1	3	9	13
K0316.08	M8	5	18	1,5	4	15	30
K0316.10	M10	6	23	2	5	20	35
K0316.12	M12	8	26	2,5	6	30	55
K0316.16	M16	10	33	3,5	8	65	125
K0316.20	M20	12	43	4,5	10	80	160
K0316.24	M24	15	48	5,5	12	90	180

KIPP Spring Plungers, ball style, hexagon socket, stainless 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
K0316.203	M3	1,5	9	0,4	1,5	5	7
K0316.204	M4	2,5	10	0,8	2	12	22
K0316.205	M5	3	14	0,9	2,5	19	30
K0316.206	M6	3,5	15	1	3	28	40
K0316.208	M8	5	18	1,5	4	47	73
K0316.210	M10	6	23	2	5	66	100
K0316.212	M12	8	26	2,5	6	66	120
K0316.216	M16	10	33	3,5	8	90	180
K0316.220	M20	12	43	4,5	10	115	240
K0316.224	M24	15	48	5,5	12	130	270

Spring Plungers

pin style, slotted, steel

INCH
Parts

METRIC
Parts



Material:

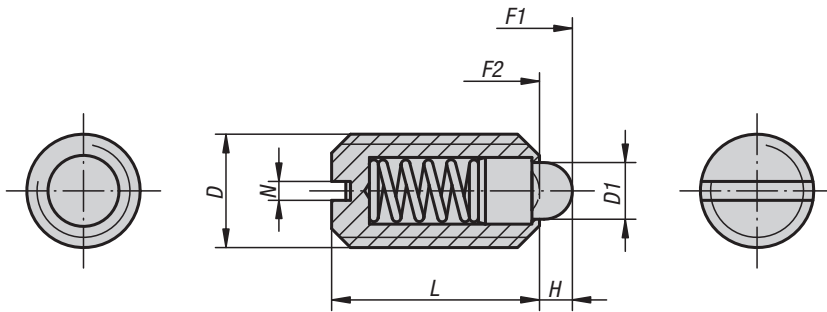
Body in steel quality class 5.8.
Pressure pin in steel.
Spring in spring steel class D.

Type:

Black oxide finish.
Pressure pin hardened.

Part Number Example:

K0313.AG



KIPP Spring Plungers, pin style, slotted, steel, standard end pressure, inch

Item No.	D	D1	L	H	N	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0313.AG	8-36	1.8	9	1.5	0.6	6	20
K0313.AE	8-32	1.8	9	1.5	0.6	6	20
K0313.A1	10-32	2.4	12	2	0.8	6	20
K0313.AJ	1/4-28	2.7	14	2	1	7	20
K0313.A2	1/4-20	2.7	14	2	1	7	20
K0313.A3	5/16-18	4	16	2	1.2	15	30
K0313.A4	3/8-16	4.5	19	2.5	1.6	20	35
K0313.A5	1/2-13	6	22	3.5	2	30	55
K0313.A6	5/8-11	8.5	24	4.5	2.5	45	100

Spring Plungers

pin style, slotted, steel



KIPP Spring Plungers, pin style, slotted, steel, light end pressure, inch

Item No.	D	D1	L	H	N	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0313.1AG	8-36	1.8	9	1.5	0.6	2	7
K0313.1AE	8-32	1.8	9	1.5	0.6	3	10
K0313.1A1	10-32	2.4	12	2	0.8	3	10
K0313.1AJ	1/4-28	2.7	14	2	1	3	9
K0313.1A2	1/4-20	2.7	14	2	1	4	10
K0313.1A3	5/16-18	4	16	2	1.2	7	15
K0313.1A4	3/8-16	4.5	19	2.5	1.6	9	16
K0313.1A5	1/2-13	6	22	3.5	2	14	26
K0313.1A6	5/8-11	8.5	24	4.5	2.5	22	50

KIPP Spring Plungers, pin style, slotted, steel, standard end pressure, metric

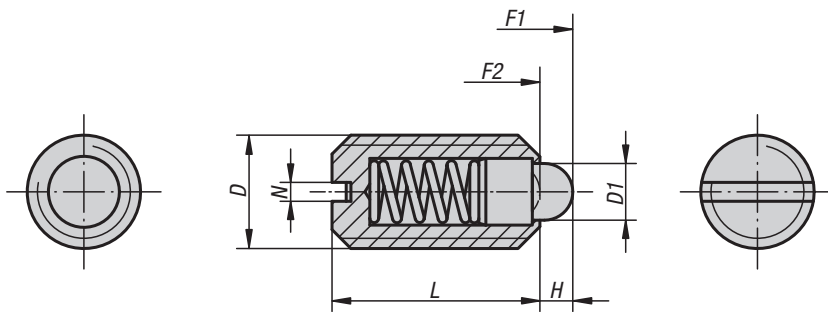
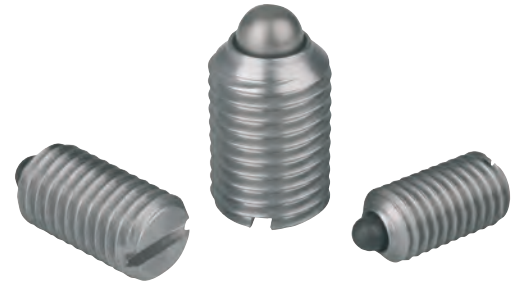
Item No.	D	D1	L	H	N	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0313.04	M4	1,8	9	1,5	0,6	6	20
K0313.05	M5	2,4	12	2	0,8	6	20
K0313.06	M6	2,7	14	2	1	7	20
K0313.08	M8	4	16	2	1,2	15	30
K0313.10	M10	4,5	19	2,5	1,6	20	35
K0313.12	M12	6	22	3,5	2	30	55
K0313.16	M16	8,5	24	4,5	2,5	45	100
K0313.20	M20	10	30	6,5	2,5	60	120

KIPP Spring Plungers, pin style, slotted, steel, light end pressure, metric

Item No.	D	D1	L	H	N	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0313.104	M4	1,8	9	1,5	0,6	3	10
K0313.105	M5	2,4	12	2	0,8	3	10
K0313.106	M6	2,7	14	2	1	4	10
K0313.108	M8	4	16	2	1,2	7	15
K0313.110	M10	4,5	19	2,5	1,6	9	16
K0313.112	M12	6	22	3,5	2	14	26
K0313.116	M16	8,5	24	4,5	2,5	22	50
K0313.120	M20	10	30	6,5	2,5	30	60

Spring Plungers

pin style, slotted, stainless steel



Material:

Body in stainless steel 1.4305;
pressure pin in stainless steel 1.4034;
spring in stainless steel 1.4310

Type:

Body natural finish,
pressure pin hardened

Part Number Example:

K0314.AG

KIPP Spring Plungers, pin style, slotted, stainless steel, standard end pressure, inch

Item No.	D	D1	L	H	N	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0314.AG	8-36	1.8	9	1.5	0.6	6	20
K0314.AE	8-32	1.8	9	1.5	0.6	6	20
K0314.A1	10-32	2.4	12	2	0.8	6	20
K0314.AJ	1/4-28	2.7	14	2	1	7	20
K0314.A2	1/4-20	2.7	14	2	1	7	20
K0314.A3	5/16-18	4	16	2	1.2	15	30
K0314.A4	3/8-16	4.5	19	2.5	1.6	20	35
K0314.A5	1/2-13	6	22	3.5	2	30	55
K0314.A6	5/8-11	8.5	24	4.5	2.5	45	100

Spring Plungers

pin style, slotted, stainless steel



KIPP Spring Plungers, pin style, slotted, stainless steel, light end pressure, inch

Item No.	D	D1	L	H	N	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0314.1AG	8-36	1.8	9	1.5	0.6	2	7
K0314.1AE	8-32	1.8	9	1.5	0.6	3	10
K0314.1A1	10-32	2.4	12	2	0.8	3	10
K0314.1AJ	1/4-28	2.7	14	2	1	3	9
K0314.1A2	1/4-20	2.7	14	2	1	4	10
K0314.1A3	5/16-18	4	16	2	1.2	7	15
K0314.1A4	3/8-16	4.5	19	2.5	1.6	9	16
K0314.1A5	1/2-13	6	22	3.5	2	14	26
K0314.1A6	5/8-11	8.5	24	4.5	2.5	22	50

KIPP Spring Plungers, pin style, slotted, stainless steel, standard end pressure, metric

Item No.	D	D1	L	H	N	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0314.04	M4	1,8	9	1,5	0,6	6	20
K0314.05	M5	2,4	12	2	0,8	6	20
K0314.06	M6	2,7	14	2	1	7	20
K0314.08	M8	4	16	2	1,2	15	30
K0314.10	M10	4,5	19	2,5	1,6	20	35
K0314.12	M12	6	22	3,5	2	30	55
K0314.16	M16	8,5	24	4,5	2,5	45	100
K0314.20	M20	10	30	6,5	2,5	60	120

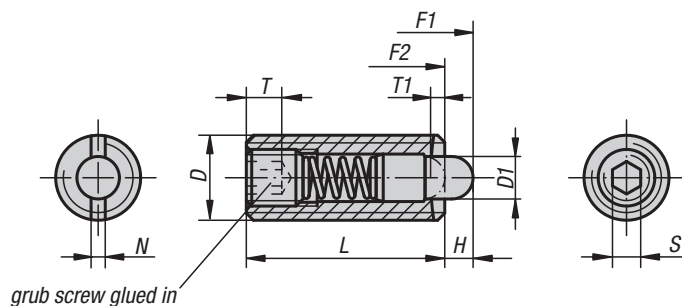
KIPP Spring Plungers, pin style, slotted, stainless steel, light end pressure, metric

Item No.	D	D1	L	H	N	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0314.104	M4	1,8	9	1,5	0,6	3	10
K0314.105	M5	2,4	12	2	0,8	3	10
K0314.106	M6	2,7	14	2	1	4	10
K0314.108	M8	4	16	2	1,2	7	15
K0314.110	M10	4,5	19	2,5	1,6	9	16
K0314.112	M12	6	22	3,5	2	14	26
K0314.116	M16	8,5	24	4,5	2,5	22	50
K0314.120	M20	10	30	6,5	2,5	30	60

Spring Plungers

pin style, hexagon socket, steel pin

INCH
Parts



Material:

Body in steel quality class 5.8.
Pressure pin in steel.
Spring in spring steel class D.

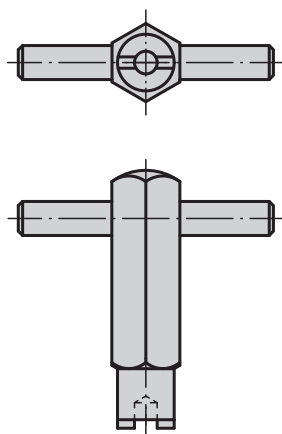
Type:

Black oxide finish.
Pressure pin hardened.

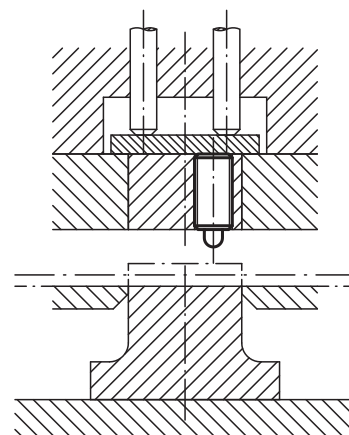
Part Number Example:

K0317.AD

Assembly Key



Application Diagram



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

Item No.	D	D1	L	H	T	T1	N	S	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Item No. Assembly key
K0317.AD	6-32	1	10	1.5	1.5	1	0.4	.035	0.5	3	K0317.903
K0317.AG	8-36	1.5	15	1.5	2	0.6	0.6	.050	5	16	K0317.904
K0317.AE	8-32	1.5	15	1.5	2	0.6	0.6	.050	5	16	K0317.904
K0317.A1	10-32	2.4	18	2.3	2	0.8	0.8	1/16	6	20	K0317.905
K0317.AJ	1/4-28	2.7	20	2.5	2.5	1	1	5/64	7	20	K0317.906
K0317.A2	1/4-20	2.7	20	2.5	2.5	1	1	5/64	7	20	K0317.906
K0317.A3	5/16-18	3.5	22	3	3	1.4	1.2	3/32	9	35	K0317.908
K0317.A4	3/8-16	4	22	3	3.5	1.4	1.6	1/8	9	35	K0317.910
K0317.A5	1/2-13	6	28	4	5	2	2	5/32	12	55	K0317.912
K0317.A6	5/8-11	7.5	32	5	6	2.5	2.5	3/16	45	100	K0317.916

Spring Plungers

pin style, hexagon socket, steel pin

KIPP Spring Plungers, pin style, hexagon socket, steel pin, light end pressure, inch

Item No.	D	D1	L	H	T	T1	N	S	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Item No. Assembly key
K0317.1AG	8-36	1.5	15	1.5	2	0.6	0.6	.050	2	7	K0317.904
K0317.1AE	8-32	1.5	15	1.5	2	0.6	0.6	.050	2	7	K0317.904
K0317.1A1	10-32	2.4	18	2.3	2	0.8	0.8	1/16	3	10	K0317.905
K0317.1AJ	1/4-28	2.7	20	2.5	2.5	1	1	5/64	3	9	K0317.906
K0317.1A2	1/4-20	2.7	20	2.5	2.5	1	1	5/64	3	9	K0317.906
K0317.1A3	5/16-18	3.5	22	3	3	1.4	1.2	3/32	4	16	K0317.908
K0317.1A4	3/8-16	4	22	3	3.5	1.4	1.6	1/8	4	16	K0317.910
K0317.1A5	1/2-13	6	28	4	5	2	2	5/32	5	27	K0317.912
K0317.1A6	5/8-11	7.5	32	5	6	2.5	2.5	3/16	20	45	K0317.916

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

Item No.	D	D1	L	H	T	T1	N	S	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Item No. Assembly key
K0317.2A1	10-32	2.4	18	2.3	2	0.8	0.8	1/16	11	29	K0317.905
K0317.2AJ	1/4-28	2.7	20	2.5	2.5	1	1	5/64	14	37	K0317.906
K0317.2A2	1/4-20	2.7	20	2.5	2.5	1	1	5/64	14	37	K0317.906
K0317.2A3	5/16-18	3.5	22	3	3	1.4	1.2	3/32	22	65	K0317.908
K0317.2A4	3/8-16	4	22	3	3.5	1.4	1.6	1/8	19	70	K0317.910
K0317.2A5	1/2-13	6	28	4	5	2	2	5/32	25	85	K0317.912
K0317.2A6	5/8-11	7.5	32	5	6	2.5	2.5	3/16	60	150	K0317.916

Spring Plungers

pin style, hexagon socket, plastic pin

INCH
Parts

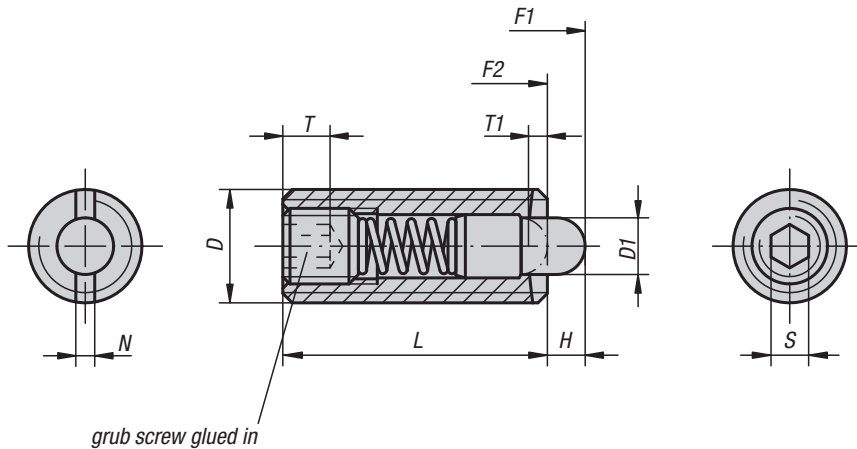
METRIC
Parts



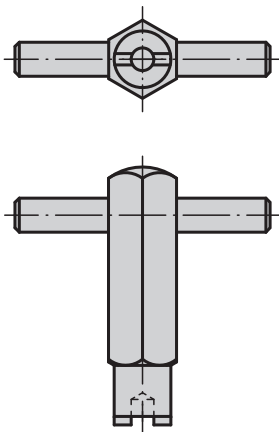
Material:
Body steel quality class 5.8.
Pressure pin POM.
Spring spring steel class D.

Type:
Black oxide finish.

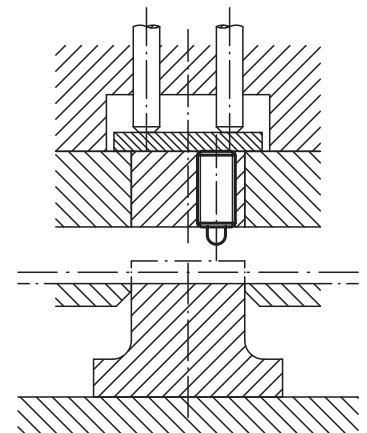
Part Number Example:
K0318.AD



Assembly Key



Application Diagram



KIPP Spring Plungers, pin style, hexagon socket, plastic pin, standard end pressure, inch

Item No.	D	D1	L	H	T	T1	N	S	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Item No. Assembly key
K0318.AD	6-32	1	10	1.5	1.5	1	0.4	.035	.5	3	K0317.903
K0318.AG	8-36	1.5	15	1.5	2	0.6	0.6	.050	5	16	K0317.904
K0318.AE	8-32	1.5	15	1.5	2	0.6	0.6	.050	5	16	K0317.904
K0318.A1	10-32	2.4	18	2.3	2	0.8	0.8	1/16	6	20	K0317.905
K0318.AJ	1/4-28	2.7	20	2.5	2.5	1	1	5/64	7	20	K0317.906
K0318.A2	1/4-20	2.7	20	2.5	2.5	1	1	5/64	7	20	K0317.906
K0318.A3	5/16-18	3.5	22	3	3	1.4	1.2	3/32	9	35	K0317.908
K0318.A4	3/8-16	4	22	3	3.5	1.4	1.6	1/8	9	35	K0317.910
K0318.A5	1/2-13	6	28	4	5	2	2	5/32	12	55	K0317.912
K0318.A6	5/8-11	7.5	32	5	6	2.5	2.5	3/16	45	100	K0317.916

Spring Plungers

pin style, hexagon socket, plastic pin

KIPP Spring Plungers, pin style, hexagon socket, plastic pin, light end pressure, inch

Item No.	D	D1	L	H	T	T1	N	S	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Item No. Assembly key
K0318.1AG	8-36	1.5	15	1.5	2	0.6	0.6	.050	2	7	K0317.904
K0318.1AE	8-32	1.5	15	1.5	2	0.6	0.6	.050	2	7	K0317.904
K0318.1A1	10-32	2.4	18	2.3	2	0.8	0.8	1/16	3	10	K0317.905
K0318.1AJ	1/4-28	2.7	20	2.5	2.5	1	1	5/64	3	9	K0317.906
K0318.1A2	1/4-20	2.7	20	2.5	2.5	1	1	5/64	3	9	K0317.906
K0318.1A3	5/16-18	3.5	22	3	3	1.4	1.2	3/32	4	16	K0317.908
K0318.1A4	3/8-16	4	22	3	3.5	1.4	1.6	1/8	4	16	K0317.910
K0318.1A5	1/2-13	6	28	4	5	2	2	5/32	5	27	K0317.912
K0318.1A6	5/8-11	7,5	32	5	6	2.5	2.5	3/16	20	45	K0317.916

KIPP Spring Plungers, pin style, hexagon socket, plastic pin, standard end pressure, metric

Item No.	D	D1	L	H	T	T1	N	S	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Item No. Assembly key
K0318.03	M3	1	10	1,5	1,5	1	0,4	0,7	0,5	3	K0317.903
K0318.04	M4	1,5	15	1,5	2	0,6	0,6	1,3	5	16	K0317.904
K0318.05	M5	2,4	18	2,3	2	0,8	0,8	1,5	6	20	K0317.905
K0318.06	M6	2,7	20	2,5	2,5	1	1	2	7	20	K0317.906
K0318.08	M8	3,5	22	3	3	1,4	1,2	2,5	9	35	K0317.908
K0318.10	M10	4	22	3	3,5	1,4	1,6	3	9	35	K0317.910
K0318.12	M12	6	28	4	5	2	2	4	12	55	K0317.912
K0318.16	M16	7,5	32	5	6	2,5	2,5	5	45	100	K0317.916

KIPP Spring Plungers, pin style, hexagon socket, plastic pin, light end pressure, metric

Item No.	D	D1	L	H	T	T1	N	S	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Item No. Assembly key
K0318.104	M4	1,5	15	1,5	2	0,6	0,6	1,3	2	7	K0317.904
K0318.105	M5	2,4	18	2,3	2	0,8	0,8	1,5	3	10	K0317.905
K0318.106	M6	2,7	20	2,5	2,5	1	1	2	3	9	K0317.906
K0318.108	M8	3,5	22	3	3	1,4	1,2	2,5	4	16	K0317.908
K0318.110	M10	4	22	3	3,5	1,4	1,6	3	4	16	K0317.910
K0318.112	M12	6	28	4	5	2	2	4	5	27	K0317.912
K0318.116	M16	7,5	32	5	6	2,5	2,5	5	20	45	K0317.916

Spring Plungers

pin style, hexagon socket, stainless steel body and pin



Material:

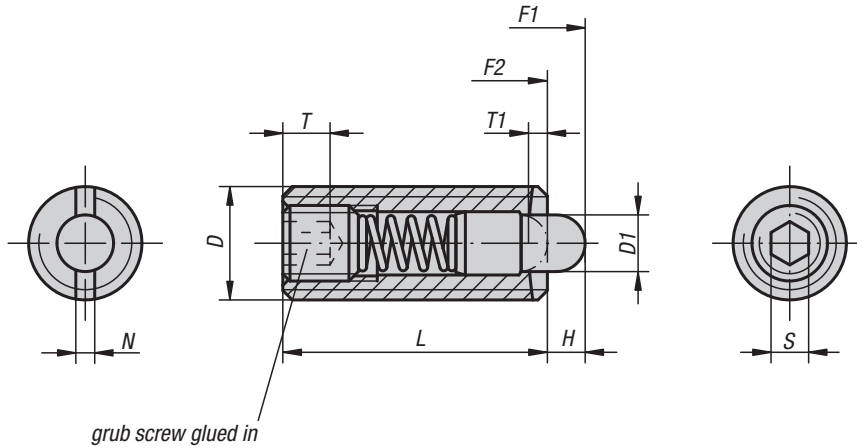
Body in stainless steel 1.4305;
pressure pin in stainless steel 1.4034;
spring in stainless steel 1.4310

Type:

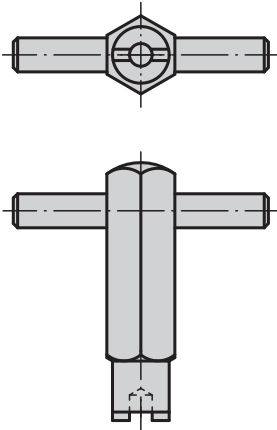
Body natural finish,
pressure pin hardened

Part Number Example:

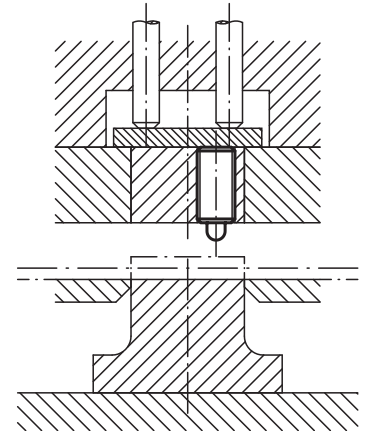
K0319.AG



Assembly Key



Application Diagram



KIPP Spring Plungers, pin style, hexagon socket, stainless steel body and pin, standard end pressure, inch

Item No.	D	D1	L	H	T	T1	N	S	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Item No. Assembly key
K0319.AG	8-36	1.5	15	1.5	2	0.6	0.6	.050	5	16	K0317.904
K0319.AE	8-32	1.5	15	1.5	2	0.6	0.6	.050	5	16	K0317.904
K0319.A1	10-32	2.4	18	2.3	2	0.8	0.8	1/16	5	17	K0317.905
K0319.AJ	1/4-28	2.7	20	2.5	2.5	1	1	5/64	6	17	K0317.906
K0319.A2	1/4-20	2.7	20	2.5	2.5	1	1	5/64	6	17	K0317.906
K0319.A3	5/16-18	3.5	22	3	3	1.4	1.2	3/32	7	29	K0317.908
K0319.A4	3/8-16	4	22	3	3.5	1.4	1.6	1/8	8	31	K0317.910
K0319.A5	1/2-13	6	28	4	5	2	2	5/32	10	47	K0317.912
K0319.A6	5/8-11	7.5	32	5	6	2.5	2.5	3/16	45	100	K0317.916

Spring Plungers

pin style, hexagon socket, stainless steel body and POM pin



Material:

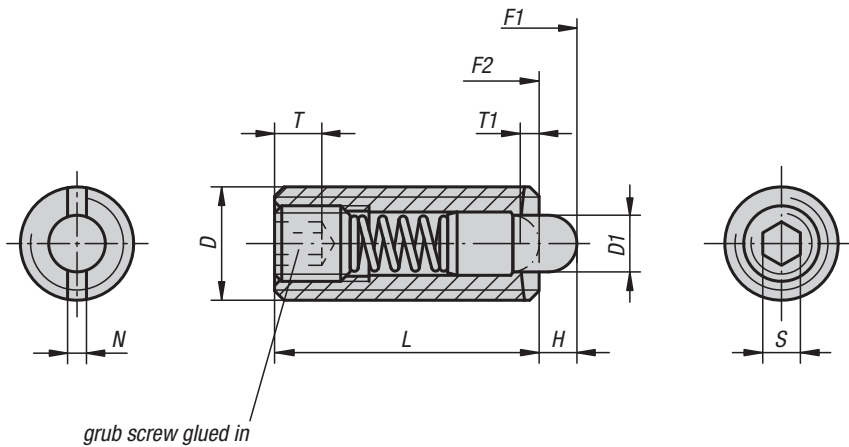
Body in stainless steel 1.4305;
pressure pin in POM;
spring in stainless steel 1.4310

Type:

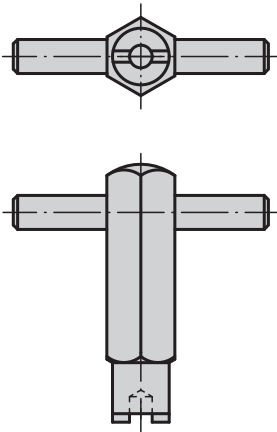
Natural finish.

Part Number Example:

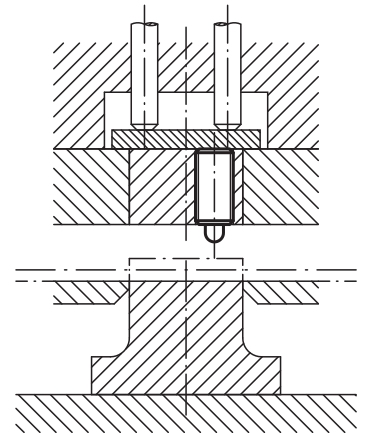
K0320.A6



Assembly Key



Application Diagram



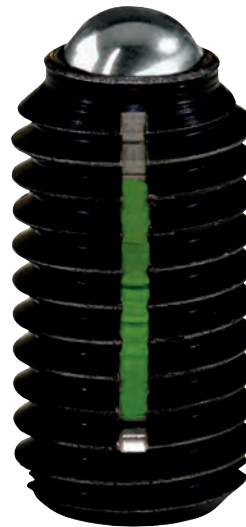
KIPP Spring Plungers, pin style, hexagon socket, stainless steel body, POM pin, standard end pressure, inch

Item No.	D	D1	L	H	T	T1	N	S	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Item No. Assembly key
K0320.AG	8-36	1.5	15	1.5	2	0.6	0.6	.050	5	16	K0317.904
K0320.AE	8-32	1.5	15	1.5	2	0.6	0.6	.050	5	16	K0317.904
K0320.A1	10-32	2.4	18	2.3	2	0.8	0.8	1/16	5	17	K0317.905
K0320.AJ	1/4-28	2.7	20	2.5	2.5	1	1	5/64	6	17	K0317.906
K0320.A2	1/4-20	2.7	20	2.5	2.5	1	1	5/64	6	17	K0317.906
K0320.A3	5/16-18	3.5	22	3	3	1.4	1.2	3/32	7	29	K0317.908
K0320.A4	3/8-16	4	22	3	3.5	1.4	1.6	1/8	8	31	K0317.910
K0320.A5	1/2-13	6	28	4	5	2	2	5/32	10	47	K0317.912
K0320.A6	5/8-11	7.5	32	5	6	2.5	2.5	3/16	45	100	K0317.916

Spring Plungers with LONG-LOK thread system



**INTRODUCING
LONG-LOK,
the most advanced
locking thread
system**



LONG-LOK Advantages:

1. Vibration Resistant

The integrated LONG-LOK thread system secures Spring Plungers effectively and economically.

No loosening or falling out after impact or vibrations.

2. Greater Holding Force

As LONG-LOK threads are inserted into a tapped hole, in a clockwise direction, the advanced locking system begins to expand in the opposite direction.

This expansion creates a high degree of resistance or holding force which in turn requires a great deal of torque to loosen.

3. Secure in Every Position

The LONG-LOK system allows a plunger to be secured in any position, within the threaded hole.

4. Save Assembly Time and Cost

The LONG-LOK thread system does not require any additional components. This will improve assembly time, lower cost and reduce your required storage space.

5. For Repeated Use

When using the LONG-LOK system for the first time, it will require a slightly higher tightening torque. After repeated use, the torque value remains nearly constant for approximately 20 uses.

6. Wide variety of solutions

M3 to M16 or 6-32 to 5/8-11, light pressure to high pressure, steel or stainless steel, KIPP LONG-LOK Plungers will perform in any application.



Spring Plungers

LONG-LOK, ball style, slotted, steel

INCH
Parts

METRIC
Parts



Material:

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

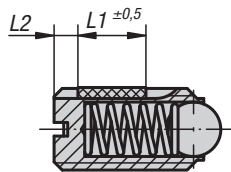
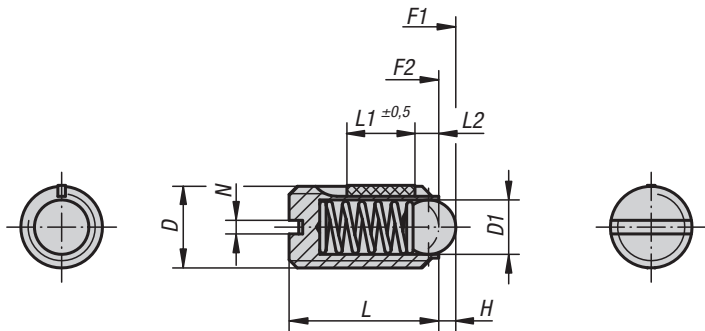
LONG-LOK thread system nylon

Type:

Black oxide finish.
Ball hardened.

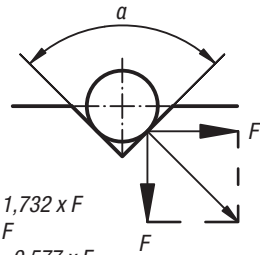
Part Number Example:

K0321.AD



applies to models with
D = M3, M4, M5 and M6
6-32, 8-36, 8-32, 10-32,
1/4-28, 1/4-20

L2 = approx. 2x thread pitch



$$a = 60^\circ, F' = 1,732 \times F$$

$$a = 90^\circ, F' = F$$

$$a = 120^\circ, F' = 0,577 \times F$$

KIPP Spring Plungers, LONG-LOK, ball style, slotted, steel, standard end pressure, inch

Item No.	D	D1	L	L1	H	N	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Tightening torque approx. Nm	Loosening torque, after third unscrewing approx. Nm
K0321.AD	6-32	1.5	7	4	0.4	0.4	1.5	3	0.10	0.07
K0321.AG	8-36	2.5	9	5	0.8	0.6	4	10	0.18	0.12
K0321.AE	8-32	2.5	9	5	0.8	0.6	4	10	0.18	0.12
K0321.A1	10-32	3	12	6	0.9	0.8	6	11	0.12	0.08
K0321.AJ	1/4-28	3.5	14	7	1	1	9	13	0.43	0.21
K0321.A2	1/4-20	3.5	14	7	1	1	9	13	0.43	0.21
K0321.A3	5/16-18	5	16	8	1.5	1.2	15	30	1.09	0.37
K0321.A4	3/8-16	6	19	9	2	1.6	20	35	1.36	0.62
K0321.A5	1/2-13	8	22	10	2.5	2	30	55	2.03	1.36
K0321.A6	5/8-11	10	24	14	3.5	2.5	65	125	3.95	2.95

Spring Plungers

LONG-LOK, ball style, slotted, steel



KIPP Spring Plungers, LONG-LOK, ball style, slotted, steel, heavy end pressure, inch

Item No.	D	D1	L	L1	H	N	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Tightening torque approx. Nm	Loosening torque, after third unscrewing approx. Nm
K0321.2A1	10-32	3	12	6	0.9	0.8	19	30	0.12	0.08
K0321.2AJ	1/4-28	3.5	14	7	1	1	28	40	0.43	0.21
K0321.2A2	1/4-20	3.5	14	7	1	1	28	40	0.43	0.21
K0321.2A3	5/16-18	5	16	8	1.5	1.2	47	73	1.09	0.37
K0321.2A4	3/8-16	6	19	9	2	1.6	66	100	1.36	0.62
K0321.2A5	1/2-13	8	22	10	2.5	2	66	120	2.03	1.36
K0321.2A6	5/8-11	10	24	14	3.5	2.5	90	180	3.95	2.95

KIPP Spring Plungers, LONG-LOK, ball style, slotted, steel, standard end pressure, metric

Item No.	D	D1	L	L1	H	N	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Tightening torque approx. Nm	Loosening torque, after third unscrewing approx. Nm
K0321.03	M3	1,5	7	4	0,4	0,4	1,5	3	0,10	0,07
K0321.04	M4	2,5	9	5	0,8	0,6	4	10	0,18	0,12
K0321.05	M5	3	12	6	0,9	0,8	6	11	0,12	0,08
K0321.06	M6	3,5	14	7	1	1	9	13	0,43	0,21
K0321.08	M8	5	16	8	1,5	1,2	15	30	1,09	0,37
K0321.10	M10	6	19	9	2	1,6	20	35	1,36	0,62
K0321.12	M12	8	22	10	2,5	2	30	55	2,03	1,36
K0321.16	M16	10	24	14	3,5	2,5	65	125	3,95	2,95

KIPP Spring Plungers, LONG-LOK, ball style, slotted, steel, heavy end pressure, metric

Item No.	D	D1	L	L1	H	N	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Tightening torque approx. Nm	Loosening torque, after third unscrewing approx. Nm
K0321.203	M3	1,5	7	4	0,4	0,4	5	7	0,10	0,07
K0321.204	M4	2,5	9	5	0,8	0,6	12	22	0,18	0,12
K0321.205	M5	3	12	6	0,9	0,8	19	30	0,12	0,08
K0321.206	M6	3,5	14	7	1	1	28	40	0,43	0,21
K0321.208	M8	5	16	8	1,5	1,2	47	73	1,09	0,37
K0321.210	M10	6	19	9	2	1,6	66	100	1,36	0,62
K0321.212	M12	8	22	10	2,5	2	66	120	2,03	1,36
K0321.216	M16	10	24	14	3,5	2,5	90	180	3,95	2,95

Spring Plungers

LONG-LOK, ball style, slotted, stainless steel



Material:

Body 1.4305;
ball 1.4034;
spring 1.4310

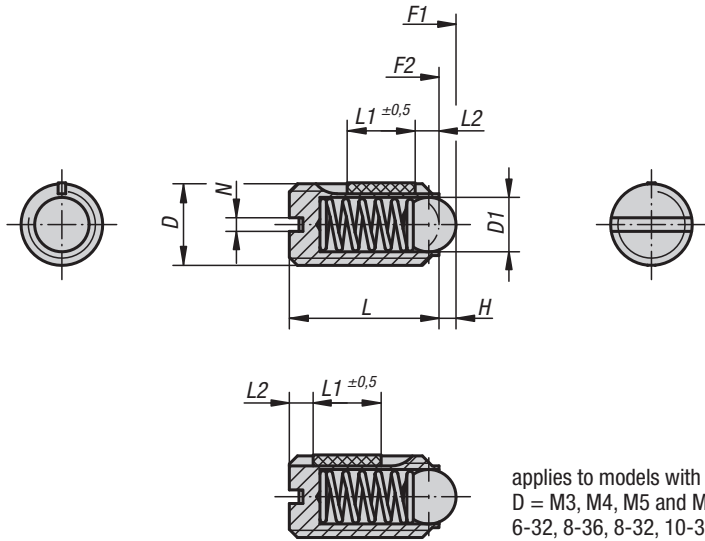
LONG-LOK thread system in nylon

Type:

Natural finish. Ball hardened.

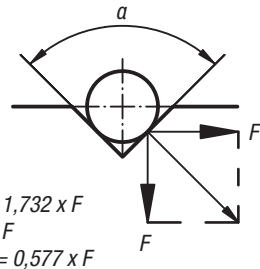
Part Number Example:

K0322.AD



applies to models with
D = M3, M4, M5 and M6
6-32, 8-36, 8-32, 10-32,
1/4-28, 1/4-20

L2 = approx. 2x thread pitch



$$\begin{aligned} a = 60^\circ, F' &= 1,732 \times F \\ a = 90^\circ, F' &= F \\ a = 120^\circ, F' &= 0,577 \times F \end{aligned}$$

KIPP Spring Plungers, LONG-LOK, ball style, slotted, stainless steel, standard end pressure, inch

Item No.	D	D1	L	L1	H	N	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Tightening torque approx. Nm	Loosening torque, after third unscrewing approx. Nm
K0322.AD	6-32	1.5	7	4	0.4	0.4	1.5	3	0.10	0.07
K0322.AG	8-36	2.5	9	5	0.8	0.6	4	10	0.18	0.12
K0322.AE	8-32	2.5	9	5	0.8	0.6	4	10	0.18	0.12
K0322.A1	10-32	3	12	6	0.9	0.8	6	11	0.12	0.08
K0322.AJ	1/4-28	3.5	14	7	1	1	9	13	0.43	0.21
K0322.A2	1/4-20	3.5	14	7	1	1	9	13	0.43	0.21
K0322.A3	5/16-18	5	16	8	1.5	1.2	15	30	1.09	0.37
K0322.A4	3/8-16	6	19	9	2	1.6	20	35	1.36	0.62
K0322.A5	1/2-13	8	22	10	2.5	2	30	55	2.03	1.36
K0322.A6	5/8-11	10	24	14	3.5	2.5	65	125	3.95	2.95

Spring Plungers

LONG-LOK, ball style, slotted, stainless steel

KIPP Spring Plungers, LONG-LOK, ball style, slotted, stainless steel, heavy end pressure, inch

Item No.	D	D1	L	L1	H	N	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Tightening torque approx. Nm	Loosening torque, after third unscrewing approx. Nm
K0322.2A1	10-32	3	12	6	0.9	0.8	19	30	0.12	0.08
K0322.2AJ	1/4-28	3.5	14	7	1	1	28	40	0.43	0.21
K0322.2A2	1/4-20	3.5	14	7	1	1	28	40	0.43	0.21
K0322.2A3	5/16-18	5	16	8	1.5	1.2	47	73	1.09	0.37
K0322.2A4	3/8-16	6	19	9	2	1.6	66	100	1.36	0.62
K0322.2A5	1/2-13	8	22	10	2.5	2	66	120	2.03	1.36
K0322.2A6	5/8-11	10	24	14	3.5	2.5	90	180	3.95	2.95

KIPP Spring Plungers, LONG-LOK, ball style, slotted, stainless steel, standard end pressure, metric

Item No.	D	D1	L	L1	H	N	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Tightening torque approx. Nm	Loosening torque, after third unscrewing approx. Nm
K0322.03	M3	1,5	7	4	0,4	0,4	1,5	3	0,10	0,07
K0322.04	M4	2,5	9	5	0,8	0,6	4	10	0,18	0,12
K0322.05	M5	3	12	6	0,9	0,8	6	11	0,12	0,08
K0322.06	M6	3,5	14	7	1	1	9	13	0,43	0,21
K0322.08	M8	5	16	8	1,5	1,2	15	30	1,09	0,37
K0322.10	M10	6	19	9	2	1,6	20	35	1,36	0,62
K0322.12	M12	8	22	10	2,5	2	30	55	2,03	1,36
K0322.16	M16	10	24	14	3,5	2,5	65	125	3,95	2,95

KIPP Spring Plungers, LONG-LOK, ball style, slotted, stainless steel, heavy end pressure, metric

Item No.	D	D1	L	L1	H	N	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Tightening torque approx. Nm	Loosening torque, after third unscrewing approx. Nm
K0322.203	M3	1,5	7	4	0,4	0,4	5	7	0,10	0,07
K0322.204	M4	2,5	9	5	0,8	0,6	12	22	0,18	0,12
K0322.205	M5	3	12	6	0,9	0,8	19	30	0,12	0,08
K0322.206	M6	3,5	14	7	1	1	28	40	0,43	0,21
K0322.208	M8	5	16	8	1,5	1,2	47	73	1,09	0,37
K0322.210	M10	6	19	9	2	1,6	66	100	1,36	0,62
K0322.212	M12	8	22	10	2,5	2	66	120	2,03	1,36
K0322.216	M16	10	24	14	3,5	2,5	90	180	3,95	2,95

Spring Plungers

LONG-LOK, ball style, hexagon socket, steel

INCH
Parts

METRIC
Parts



Material:

Body in steel quality class 5.8.

Ball in steel.

Spring in spring steel class D.

LONG-LOK thread system nylon

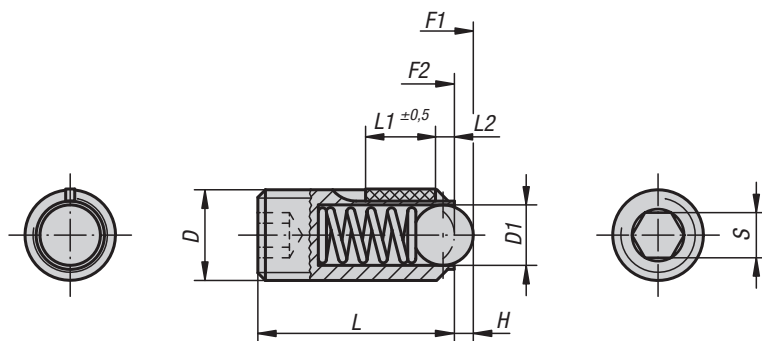
Type:

Black oxide finish.

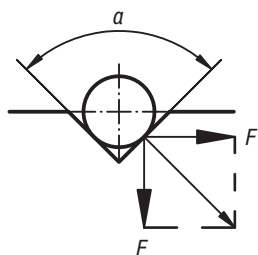
Ball hardened.

Part Number Example:

K0325.AJ



L2 = approx. 2x thread pitch



$$\alpha = 60^\circ, F' = 1,732 \times F$$

$$\alpha = 90^\circ, F' = F$$

$$\alpha = 120^\circ, F' = 0,577 \times F$$

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

Item No.	D	D1	L	L1	H	S	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Tightening torque approx. Nm	Loosening torque, after third unscrewing approx. Nm
K0325.AJ	1/4-28	3.5	15	7	1	1/8	9	13	0.44	0.21
K0325.A2	1/4-20	3.5	15	7	1	1/8	9	13	0.44	0.21
K0325.A3	5/16-18	5	18	8	1.5	5/32	15	30	1.10	0.38
K0325.A4	3/8-16	6	23	9	2	3/16	20	35	1.30	0.60
K0325.A5	1/2-13	8	26	10	2.5	7/32	30	55	2.00	1.30
K0325.A6	5/8-11	10	33	14	3.5	5/16	65	125	3.90	3.00

Spring Plungers

LONG-LOK, ball style, hexagon socket, steel

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

Item No.	D	D1	L	L1	H	S	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Tightening torque approx. Nm	Loosening torque, after third unscrewing approx. Nm
K0325.2AJ	1/4-28	3.5	15	7	1	1/8	28	40	0.44	0.21
K0325.2A2	1/4-20	3.5	15	7	1	1/8	28	40	0.44	0.21
K0325.2A3	5/16-18	5	18	8	1.5	5/32	47	73	1.10	0.38
K0325.2A4	3/8-16	6	23	9	2	3/16	66	100	1.30	0.60
K0325.2A5	1/2-13	8	26	10	2.5	7/32	66	120	2.00	1.30
K0325.2A6	5/8-11	10	33	14	3.5	5/16	90	180	3.90	3.00

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

Item No.	D	D1	L	L1	H	S	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Tightening torque approx. Nm	Loosening torque, after third unscrewing approx. Nm
K0325.03	M3	1,5	9	4	0,4	1,5	1,5	3	0,10	0,07
K0325.04	M4	2,5	10	5	0,8	2	4	10	0,18	0,12
K0325.05	M5	3	14	6	0,9	2,5	6	11	0,12	0,08
K0325.06	M6	3,5	15	7	1	3	9	13	0,44	0,21
K0325.08	M8	5	18	8	1,5	4	15	30	1,10	0,38
K0325.10	M10	6	23	9	2	5	20	35	1,30	0,60
K0325.12	M12	8	26	10	2,5	6	30	55	2,00	1,30
K0325.16	M16	10	33	14	3,5	8	65	125	3,90	3,00

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

Item No.	D	D1	L	L1	H	S	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Tightening torque approx. Nm	Loosening torque, after third unscrewing approx. Nm
K0325.203	M3	1,5	9	4	0,4	1,5	5	7	0,10	0,07
K0325.204	M4	2,5	10	5	0,8	2	12	22	0,18	0,12
K0325.205	M5	3	14	6	0,9	2,5	19	30	0,12	0,08
K0325.206	M6	3,5	15	7	1	3	28	40	0,44	0,21
K0325.208	M8	5	18	8	1,5	4	47	73	1,10	0,38
K0325.210	M10	6	23	9	2	5	66	100	1,30	0,60
K0325.212	M12	8	26	10	2,5	6	66	120	2,00	1,30
K0325.216	M16	10	33	14	3,5	8	90	180	3,90	3,00

Spring Plungers

LONG-LOK, ball style, hexagon socket, stainless steel



Material:

Body 1.4305;
ball 1.4034;
spring 1.4310

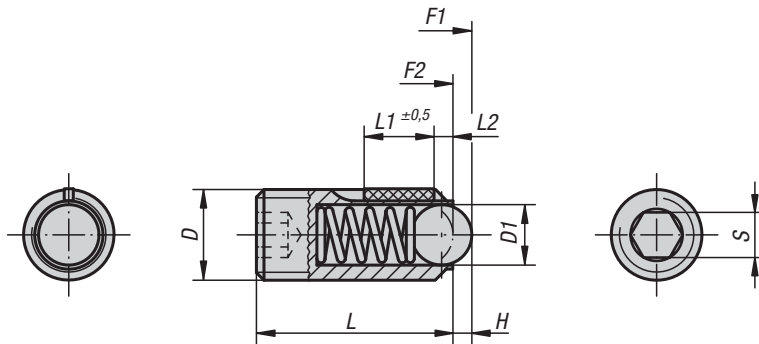
LONG-LOK thread system in nylon

Type:

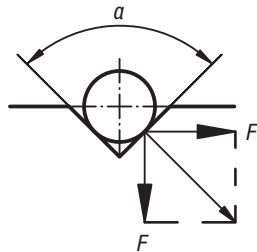
Natural finish. Ball hardened.

Part Number Example:

K0326.A2



L2 = approx. 2x thread pitch



$$\begin{aligned} \alpha &= 60^\circ, F' = 1,732 \times F \\ \alpha &= 90^\circ, F' = F \\ \alpha &= 120^\circ, F' = 0,577 \times F \end{aligned}$$

KIPP Spring Plungers, LONG-LOK, ball style, hexagon socket, stainless steel, standard end pressure, inch

Item No.	D	D1	L	L1	H	S	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Tightening torque approx. Nm	Loosening torque, after third unscrewing approx. Nm
K0326.AJ	1/4-28	3.5	15	7	1	1/8	9	13	0.44	0.21
K0326.A2	1/4-20	3.5	15	7	1	1/8	9	13	0.44	0.21
K0326.A3	5/16-18	5	18	8	1.5	5/32	15	30	1.10	0.38
K0326.A4	3/8-16	6	23	9	2	3/16	20	35	1.30	0.60
K0326.A5	1/2-13	8	26	10	2.5	7/32	30	55	2.00	1.30
K0326.A6	5/8-11	10	33	14	3.5	5/16	65	125	3.90	3.00

Spring Plungers

LONG-LOK, ball style, hexagon socket, stainless steel

KIPP Spring Plungers, LONG-LOK, ball style, hexagon socket, stainless steel, heavy end pressure, inch

Item No.	D	D1	L	L1	H	S	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Tightening torque approx. Nm	Loosening torque, after third unscrewing approx. Nm
K0326.2AJ	1/4-28	3.5	15	7	1	1/8	28	40	0.44	0.21
K0326.2A2	1/4-20	3.5	15	7	1	1/8	28	40	0.44	0.21
K0326.2A3	5/16-18	5	18	8	1.5	5/32	47	73	1.10	0.38
K0326.2A4	3/8-16	6	23	9	2	3/16	66	100	1.30	0.60
K0326.2A5	1/2-13	8	26	10	2.5	7/32	66	120	2.00	1.30
K0326.2A6	5/8-11	10	33	14	3.5	5/16	90	180	3.90	3.00

KIPP Spring Plungers, LONG-LOK, ball style, hexagon socket, stainless steel, standard end pressure, metric

Item No.	D	D1	L	L1	H	S	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Tightening torque approx. Nm	Loosening torque, after third unscrewing approx. Nm
K0326.03	M3	1,5	9	4	0,4	1,5	1,5	3	0,10	0,07
K0326.04	M4	2,5	10	5	0,8	2	4	10	0,18	0,12
K0326.05	M5	3	14	6	0,9	2,5	6	11	0,12	0,08
K0326.06	M6	3,5	15	7	1	3	9	13	0,44	0,21
K0326.08	M8	5	18	8	1,5	4	15	30	1,10	0,38
K0326.10	M10	6	23	9	2	5	20	35	1,30	0,60
K0326.12	M12	8	26	10	2,5	6	30	55	2,00	1,30
K0326.16	M16	10	33	14	3,5	8	65	125	3,90	3,00

KIPP Spring Plungers, LONG-LOK, ball style, hexagon socket, stainless steel, heavy end pressure, metric

Item No.	D	D1	L	L1	H	S	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Tightening torque approx. Nm	Loosening torque, after third unscrewing approx. Nm
K0326.203	M3	1,5	9	4	0,4	1,5	5	7	0,10	0,07
K0326.204	M4	2,5	10	5	0,8	2	12	22	0,18	0,12
K0326.205	M5	3	14	6	0,9	2,5	19	30	0,12	0,08
K0326.206	M6	3,5	15	7	1	3	28	40	0,44	0,21
K0326.208	M8	5	18	8	1,5	4	47	73	1,10	0,38
K0326.210	M10	6	23	9	2	5	66	100	1,30	0,60
K0326.212	M12	8	26	10	2,5	6	66	120	2,00	1,30
K0326.216	M16	10	33	14	3,5	8	90	180	3,90	3,00

Spring Plungers

LONG-LOK, pin style, slotted, steel

INCH
Parts

METRIC
Parts



Material:

Body in steel quality class 5.8.
Pressure pin in steel.
Spring steel class D.

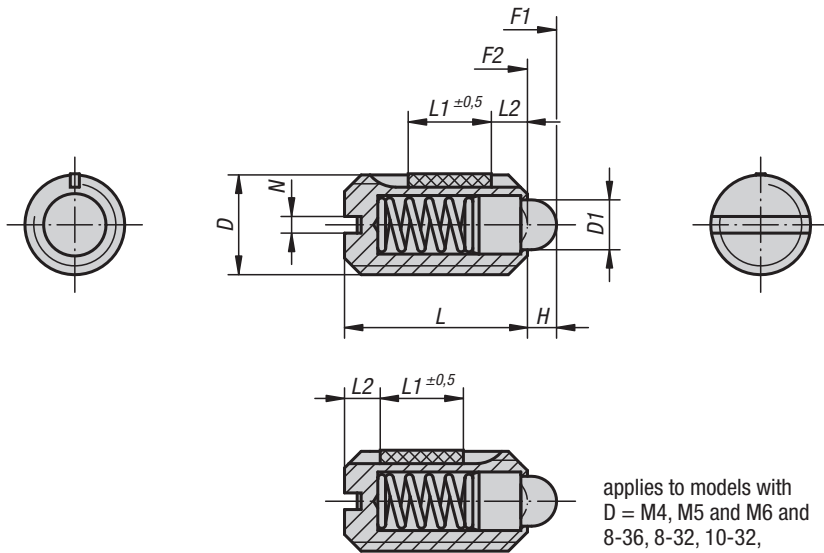
LONG-LOK thread system nylon.

Type:

Black oxide finish.
Pressure pin hardened.

Part Number Example:

K0323.AG



L2 = approx. 2x thread pitch

KIPP Spring Plungers, LONG-LOK, pin style, slotted, steel, standard end pressure, inch

Item No.	D	D1	L	L1	H	N	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Tightening torque approx. Nm	Loosening torque, after third unscrewing approx. Nm
K0323.AG	8-36	1.8	9	5	1.5	0.6	6	20	0.18	0.12
K0323.AE	8-32	1.8	9	5	1.5	0.6	6	20	0.18	0.12
K0323.A1	10-32	2.4	12	6	2	0.8	6	20	0.12	0.08
K0323.AJ	1/4-28	2.7	14	7	2	1	7	20	0.44	0.21
K0323.A2	1/4-20	2.7	14	7	2	1	7	20	0.44	0.21
K0323.A3	5/16-18	4	16	8	2	1.2	15	30	1.10	0.38
K0323.A4	3/8-16	4.5	19	9	2.5	1.6	20	35	1.36	0.62
K0323.A5	1/2-13	6	22	10	3.5	2	30	55	2.11	1.41
K0323.A6	5/8-11	8.5	24	14	4.5	2.5	45	100	3.95	3.05

Spring Plungers

LONG-LOK, pin style, slotted, steel

KIPP Spring Plungers, LONG-LOK, pin style, slotted, steel, light end pressure, inch

Item No.	D	D1	L	L1	H	N	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Tightening torque approx. Nm	Loosening torque, after third unscrewing approx. Nm
K0323.1AG	8-36	1.8	9	5	1.5	0.6	2	7	0.18	0.12
K0323.1AE	8-32	1.8	9	5	1.5	0.6	3	10	0.18	0.12
K0323.1A1	10-32	2.4	12	6	2	0.8	3	10	0.12	0.08
K0323.1AJ	1/4-28	2.7	14	7	2	1	3	9	0.44	0.21
K0323.1A2	1/4-20	2.7	14	7	2	1	4	10	0.44	0.21
K0323.1A3	5/16-18	4	16	8	2	1.2	7	15	1.10	0.38
K0323.1A4	3/8-16	4.5	19	9	2.5	1.6	9	16	1.36	0.62
K0323.1A5	1/2-13	6	22	10	3.5	2	14	26	2.11	1.41
K0323.1A6	5/8-11	8.5	24	14	4.5	2.5	22	50	3.95	3.05

KIPP Spring Plungers, LONG-LOK, pin style, slotted, steel, standard end pressure, metric

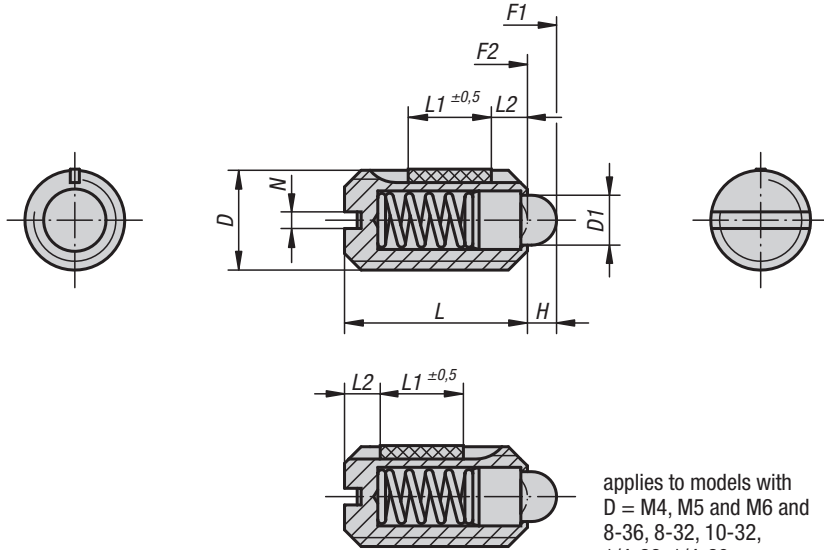
Item No.	D	D1	L	L1	H	N	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Tightening torque approx. Nm	Loosening torque, after third unscrewing approx. Nm
K0323.04	M4	1,8	9	5	1,5	0,6	6	20	0,18	0,12
K0323.05	M5	2,4	12	6	2	0,8	6	20	0,12	0,08
K0323.06	M6	2,7	14	7	2	1	7	20	0,44	0,21
K0323.08	M8	4	16	8	2	1,2	15	30	1,10	0,38
K0323.10	M10	4,5	19	9	2,5	1,6	20	35	1,36	0,62
K0323.12	M12	6	22	10	3,5	2	30	55	2,11	1,41
K0323.16	M16	8,5	24	14	4,5	2,5	45	100	3,95	3,05

KIPP Spring Plungers, LONG-LOK, pin style, slotted, steel, light end pressure, metric

Item No.	D	D1	L	L1	H	N	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Tightening torque approx. Nm	Loosening torque, after third unscrewing approx. Nm
K0323.104	M4	1,8	9	5	1,5	0,6	3	10	0,18	0,12
K0323.105	M5	2,4	12	6	2	0,8	3	10	0,12	0,08
K0323.106	M6	2,7	14	7	2	1	4	10	0,44	0,21
K0323.108	M8	4	16	8	2	1,2	7	15	1,10	0,38
K0323.110	M10	4,5	19	9	2,5	1,6	9	16	1,36	0,62
K0323.112	M12	6	22	10	3,5	2	14	26	2,11	1,41
K0323.116	M16	8,5	24	14	4,5	2,5	22	50	3,95	3,05

Spring Plungers

LONG-LOK, pin style, slotted, stainless steel



L2 = approx. 2x thread pitch

Material:

Body in stainless steel 1.4305;
pressure pin in stainless steel 1.4034;
spring in stainless steel 1.4310

LONG-LOK thread system in nylon

Type:

Body natural finish,
pressure pin hardened

Part Number Example:

K0324.A3

KIPP Spring Plungers, LONG-LOK, pin style, slotted, stainless steel, standard end pressure, inch

Item No.	D	D1	L	L1	H	N	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Tightening torque approx. Nm	Loosening torque, after third unscrewing approx. Nm
K0324.AG	8-36	1.8	9	5	1.5	0.6	6	20	0.18	0.12
K0324.AE	8-32	1.8	9	5	1.5	0.6	6	20	0.18	0.12
K0324.A1	10-32	2.4	12	6	2	0.8	6	20	0.12	0.08
K0324.AJ	1/4-28	2.7	14	7	2	1	7	20	0.44	0.21
K0324.A2	1/4-20	2.7	14	7	2	1	7	20	0.44	0.21
K0324.A3	5/16-18	4	16	8	2	1.2	15	30	1.10	0.38
K0324.A4	3/8-16	4.5	19	9	2.5	1.6	20	35	1.36	0.62
K0324.A5	1/2-13	6	22	10	3.5	2	30	55	2.11	1.41
K0324.A6	5/8-11	8.5	24	14	4.5	2.5	45	100	3.95	3.05

Spring Plungers

LONG-LOK, pin style, slotted, stainless steel

KIPP Spring Plungers, LONG-LOK, pin style, slotted, stainless steel, light end pressure, inch

Item No.	D	D1	L	L1	H	N	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Tightening torque approx. Nm	Loosening torque, after third unscrewing approx. Nm
K0324.1AG	8-36	1.8	9	5	1.5	0.6	2	7	0.18	0.12
K0324.1AE	8-32	1.8	9	5	1.5	0.6	3	10	0.18	0.12
K0324.1A1	10-32	2.4	12	6	2	0.8	3	10	0.12	0.08
K0324.1AJ	1/4-28	2.7	14	7	2	1	3	9	0.44	0.21
K0324.1A2	1/4-20	2.7	14	7	2	1	4	10	0.44	0.21
K0324.1A3	5/16-18	4	16	8	2	1.2	7	15	1.10	0.38
K0324.1A4	3/8-16	4.5	19	9	2.5	1.6	9	16	1.36	0.62
K0324.1A5	1/2-13	6	22	10	3.5	2	14	26	2.11	1.41
K0324.1A6	5/8-11	8.5	24	14	4.5	2.5	22	50	3.95	3.05

KIPP Spring Plungers, LONG-LOK, pin style, slotted, stainless steel, standard end pressure, metric

Item No.	D	D1	L	L1	H	N	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Tightening torque approx. Nm	Loosening torque, after third unscrewing approx. Nm
K0324.04	M4	1,8	9	5	1,5	0,6	6	20	0,18	0,12
K0324.05	M5	2,4	12	6	2	0,8	6	20	0,12	0,08
K0324.06	M6	2,7	14	7	2	1	7	20	0,44	0,21
K0324.08	M8	4	16	8	2	1,2	15	30	1,10	0,38
K0324.10	M10	4,5	19	9	2,5	1,6	20	35	1,36	0,62
K0324.12	M12	6	22	10	3,5	2	30	55	2,11	1,41
K0324.16	M16	8,5	24	14	4,5	2,5	45	100	3,95	3,05

KIPP Spring Plungers, LONG-LOK, pin style, slotted, stainless steel, light end pressure, metric

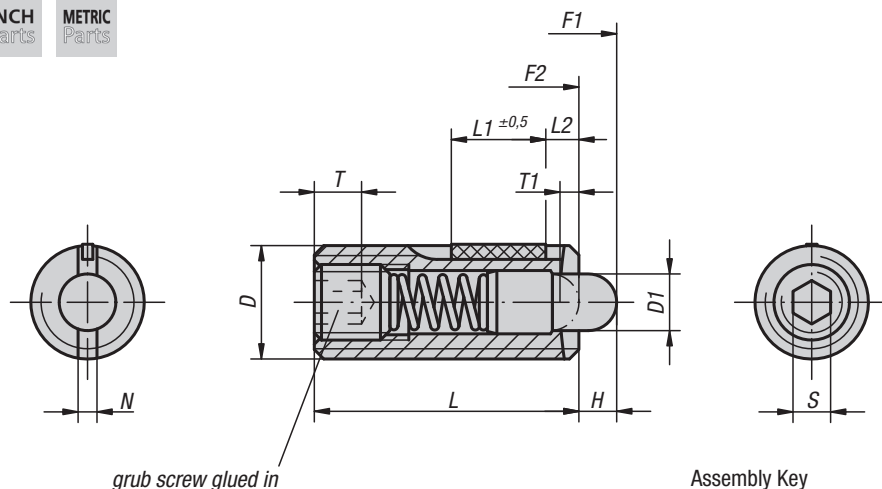
Item No.	D	D1	L	L1	H	N	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Tightening torque approx. Nm	Loosening torque, after third unscrewing approx. Nm
K0324.104	M4	1,8	9	5	1,5	0,6	3	10	0,18	0,12
K0324.105	M5	2,4	12	6	2	0,8	3	10	0,12	0,08
K0324.106	M6	2,7	14	7	2	1	4	10	0,44	0,21
K0324.108	M8	4	16	8	2	1,2	7	15	1,10	0,38
K0324.110	M10	4,5	19	9	2,5	1,6	9	16	1,36	0,62
K0324.112	M12	6	22	10	3,5	2	14	26	2,11	1,41
K0324.116	M16	8,5	24	14	4,5	2,5	22	50	3,95	3,05

Spring Plungers

LONG-LOK, pin style, hexagon socket, steel body and pin

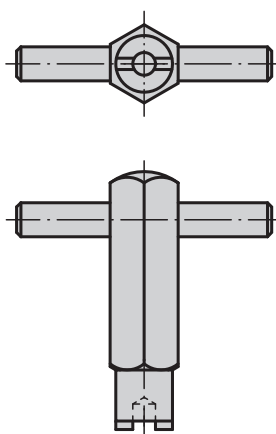
INCH
Parts

METRIC
Parts



L2 = approx. 2x thread pitch

Assembly Key



Material:

Body in steel quality class 5.8.
Pressure pin in steel.
Spring in steel class D.

LONG-LOK thread system nylon

Type:

Black oxide finish.
Pressure pin hardened.

Part Number Example:

K0327.1A1

KIPP Spring Plungers, LONG-LOK, pin style, hexagon socket, steel body and pin, standard end pressure, inch

Item No.	D	D1	L	L1	H	T	T1	N	S	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Tightening torque approx. Nm	Loosening torque, after third unscrewing approx. Nm	Item No. Assembly key
K0327.A1	10-32	2.4	18	7	2.3	2	0.8	0.8	1/16	6	20	0.12	0.08	K0317.905
K0327.AJ	1/4-28	2.7	20	7	2.5	2.5	1	1	5/64	7	20	0.45	0.22	K0317.906
K0327.A2	1/4-20	2.7	20	7	2.5	2.5	1	1	5/64	7	20	0.45	0.22	K0317.906
K0327.A3	5/16-18	3.5	22	8	3	3	1.4	1.2	3/32	9	35	1.05	0.37	K0317.908
K0327.A4	3/8-16	4	22	9	3	3.5	1.4	1.6	1/8	9	35	1.30	0.60	K0317.910
K0327.A5	1/2-13	6	28	10	4	5	2	2	5/32	12	55	2.00	1.30	K0317.912
K0327.A6	5/8-11	7.5	32	14	5	6	2.5	2.5	3/16	45	100	3.90	3.00	K0317.916

KIPP Spring Plungers, LONG-LOK, pin style, hexagon socket, steel body and pin, light end pressure, inch

Item No.	D	D1	L	L1	H	T	T1	N	S	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Tightening torque approx. Nm	Loosening torque, after third unscrewing approx. Nm	Item No. Assembly key
K0327.1A1	10-32	2.4	18	7	2.3	2	0.8	0.8	1/16	3	10	0.12	0.08	K0317.905
K0327.1AJ	1/4-28	2.7	20	7	2.5	2.5	1	1	5/64	3	9	0.45	0.22	K0317.906
K0327.1A2	1/4-20	2.7	20	7	2.5	2.5	1	1	5/64	3	9	0.45	0.22	K0317.906
K0327.1A3	5/16-18	3.5	22	8	3	3	1.4	1.2	3/32	4	16	1.05	0.37	K0317.908
K0327.1A4	3/8-16	4	22	9	3	3.5	1.4	1.6	1/8	4	16	1.30	0.60	K0317.910
K0327.1A5	1/2-13	6	28	10	4	5	2	2	5/32	5	27	2.00	1.30	K0317.912
K0327.1A6	5/8-11	7.5	32	14	5	6	2.5	2.5	3/16	20	45	3.90	3.00	K0317.916

Spring Plungers

LONG-LOK, pin style, hexagon socket, steel body and pin

KIPP Spring Plungers, LONG-LOK, pin style, hexagon socket, steel body and pin, heavy end pressure, inch

Item No.	D	D1	L	L1	H	T	T1	N	S	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Tightening torque approx. Nm	Loosening torque, after third unscrewing approx. Nm	Item No. Assembly key
K0327.2A1	10-32	2.4	18	7	2.3	2	0.8	0.8	1/16	11	29	0.12	0.08	K0317.905
K0327.2AJ	1/4-28	2.7	20	7	2.5	2.5	1	1	5/64	14	37	0.45	0.22	K0317.906
K0327.2A2	1/4-20	2.7	20	7	2.5	2.5	1	1	5/64	14	37	0.45	0.22	K0317.906
K0327.2A3	5/16-18	3.5	22	8	3	3	1.4	1.2	3/32	22	65	1.05	0.37	K0317.908
K0327.2A4	3/8-16	4	22	9	3	3.5	1.4	1.6	1/8	19	70	1.30	0.60	K0317.910
K0327.2A5	1/2-13	6	28	10	4	5	2	2	5/32	25	85	2.00	1.30	K0317.912
K0327.2A6	5/8-11	7.5	32	14	5	6	2.5	2.5	3/16	60	150	3.90	3.00	K0317.916

KIPP Spring Plungers, LONG-LOK, pin style, hexagon socket, steel body and pin, standard end pressure, metric

Item No.	D	D1	L	L1	H	T	T1	N	S	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Tightening torque approx. Nm	Loosening torque, after third unscrewing approx. Nm	Item No. Assembly key
K0327.05	M5	2,4	18	7	2,3	2	0,8	0,8	1,5	6	20	0,12	0,08	K0317.905
K0327.06	M6	2,7	20	7	2,5	2,5	1	1	2	7	20	0,45	0,22	K0317.906
K0327.08	M8	3,5	22	8	3	3	1,4	1,2	2,5	9	35	1,05	0,37	K0317.908
K0327.10	M10	4	22	9	3	3,5	1,4	1,6	3	9	35	1,30	0,60	K0317.910
K0327.12	M12	6	28	10	4	5	2	2	4	12	55	2,00	1,30	K0317.912
K0327.16	M16	7,5	32	14	5	6	2,5	2,5	5	45	100	3,90	3,00	K0317.916

KIPP Spring Plungers, LONG-LOK, pin style, hexagon socket, steel body and pin, light end pressure, metric

Item No.	D	D1	L	L1	H	T	T1	N	S	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Tightening torque approx. Nm	Loosening torque, after third unscrewing approx. Nm	Item No. Assembly key
K0327.105	M5	2,4	18	7	2,3	2	0,8	0,8	1,5	3	10	0,12	0,08	K0317.905
K0327.106	M6	2,7	20	7	2,5	2,5	1	1	2	3	9	0,45	0,22	K0317.906
K0327.108	M8	3,5	22	8	3	3	1,4	1,2	2,5	4	16	1,05	0,37	K0317.908
K0327.110	M10	4	22	9	3	3,5	1,4	1,6	3	4	16	1,30	0,60	K0317.910
K0327.112	M12	6	28	10	4	5	2	2	4	5	27	2,00	1,30	K0317.912
K0327.116	M16	7,5	32	14	5	6	2,5	2,5	5	20	45	3,90	3,00	K0317.916

KIPP Spring Plungers, LONG-LOK, pin style, hexagon socket, steel body and pin, heavy end pressure, metric

Item No.	D	D1	L	L1	H	T	T1	N	S	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Tightening torque approx. Nm	Loosening torque, after third unscrewing approx. Nm	Item No. Assembly key
K0327.205	M5	2,4	18	7	2,3	2	0,8	0,8	1,5	11	29	0,12	0,08	K0317.905
K0327.206	M6	2,7	20	7	2,5	2,5	1	1	2	14	37	0,45	0,22	K0317.906
K0327.208	M8	3,5	22	8	3	3	1,4	1,2	2,5	22	65	1,05	0,37	K0317.908
K0327.210	M10	4	22	9	3	3,5	1,4	1,6	3	19	70	1,30	0,60	K0317.910
K0327.212	M12	6	28	10	4	5	2	2	4	25	85	2,00	1,30	K0317.912
K0327.216	M16	7,5	32	14	5	6	2,5	2,5	5	60	150	3,90	3,00	K0317.916

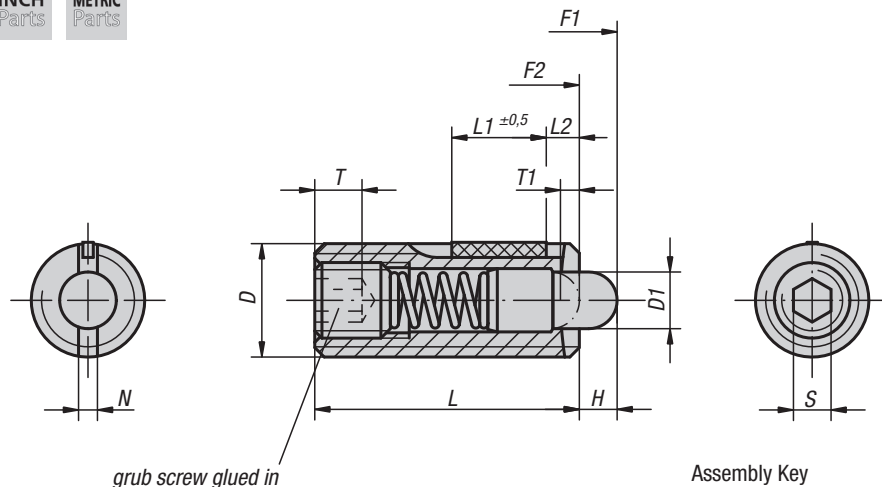
Spring Plungers

LONG-LOK, pin style, hexagon socket, steel body and POM pin



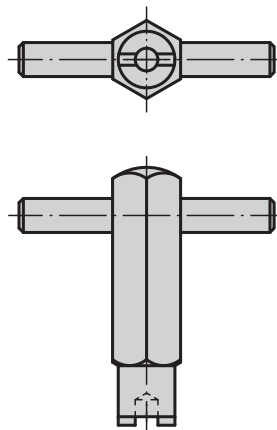
INCH
Parts

METRIC
Parts



L2 = approx. 2x thread pitch

Assembly Key



Material:

Body in steel quality class 5.8.
Pressure pin in POM.
Spring spring steel class D.

LONG-LOK thread system nylon.

Type:

Black oxide finish.

Part Number Example:

K0328.A1

KIPP Spring Plungers, LONG-LOK, pin style, hexagon socket, steel body and POM pin, standard end pressure, inch

Item No.	D	D1	L	L1	H	T	T1	N	S	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Tightening torque approx. Nm	Loosening torque, after third unscrewing approx. Nm	Item No. Assembly key
K0328.A1	10-32	2.4	18	7	2.3	2	0.8	0.8	1/16	6	20	0.12	0.08	K0317.905
K0328.AJ	1/4-28	2.7	20	7	2.5	2.5	1	1	5/64	7	20	0.45	0.22	K0317.906
K0328.A2	1/4-20	2.7	20	7	2.5	2.5	1	1	5/64	7	20	0.45	0.22	K0317.906
K0328.A3	5/16-18	3.5	22	8	3	3	1.4	1.2	3/32	9	35	1.05	0.37	K0317.908
K0328.A4	3/8-16	4	22	9	3	3.5	1.4	1.6	1/8	9	35	1.30	0.60	K0317.910
K0328.A5	1/2-13	6	28	10	4	5	2	2	5/32	10	55	2.00	1.30	K0317.912
K0328.A6	5/8-11	7.5	32	14	5	6	2.5	2.5	3/16	45	100	3.90	3.00	K0317.916

KIPP Spring Plungers, LONG-LOK, pin style, hexagon socket, steel body and POM pin, light end pressure, inch

Item No.	D	D1	L	L1	H	T	T1	N	S	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Tightening torque approx. Nm	Loosening torque, after third unscrewing approx. Nm	Item No. Assembly key
K0328.1A1	10-32	2.4	18	7	2.3	2	0.8	0.8	1/16	3	10	0.12	0.08	K0317.905
K0328.1AJ	1/4-28	2.7	20	7	2.5	2.5	1	1	5/64	3	9	0.45	0.22	K0317.906
K0328.1A2	1/4-20	2.7	20	7	2.5	2.5	1	1	5/64	3	9	0.45	0.22	K0317.906
K0328.1A3	5/16-18	3.5	22	8	3	3	1.4	1.2	3/32	4	16	1.05	0.37	K0317.908
K0328.1A4	3/8-16	4	22	9	3	3.5	1.4	1.6	1/8	4	16	1.30	0.60	K0317.910
K0328.1A5	1/2-13	6	28	10	4	5	2	2	5/32	5	27	2.00	1.30	K0317.912
K0328.1A6	5/8-11	7.5	32	14	5	6	2.5	2.5	3/16	20	45	3.90	3.00	K0317.916

Spring Plungers

LONG-LOK, pin style, hexagon socket, stainless steel body and pin



Material:

Body 1.4305;
pressure pin 1.4034;
spring 1.4310

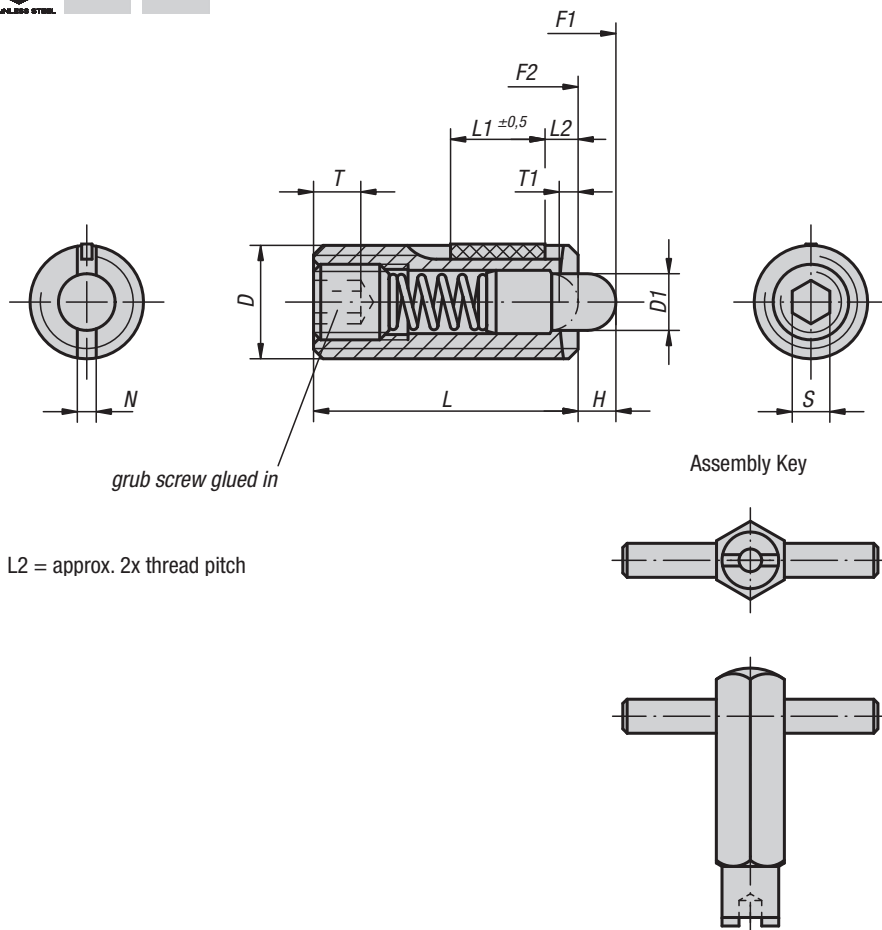
LONG-LOK thread system in nylon

Type:

Body natural finish,
pressure pin hardened

Part Number Example:

K0329.A1



grub screw glued in

Assembly Key

L2 = approx. 2x thread pitch

KIPP Spring Plungers, LONG-LOK, pin style, hexagon socket, stainless steel body and pin, standard end pressure, inch

Item No.	D	D1	L	L1	H	T	T1	N	S	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Tightening torque approx. Nm	Loosening torque, after third unscrewing approx. Nm	Item No. Assembly key
K0329.A1	10-32	2.4	18	7	2.3	2	0.8	0.8	1/16	5	17	0.12	0.08	K0317.905
K0329.AJ	1/4-28	2.7	20	7	2.5	2.5	1	1	5/64	6	17	0.45	0.22	K0317.906
K0329.A2	1/4-20	2.7	20	7	2.5	2.5	1	1	5/64	6	17	0.45	0.22	K0317.906
K0329.A3	5/16-18	3.5	22	8	3	3	1.4	1.2	3/32	7	29	1.05	0.37	K0317.908
K0329.A4	3/8-16	4	22	9	3	3.5	1.4	1.6	1/8	8	31	1.30	0.60	K0317.910
K0329.A5	1/2-13	6	28	10	4	5	2	2	5/32	10	47	2.00	1.30	K0317.912
K0329.A6	5/8-11	7.5	32	14	5	6	2.5	2.5	3/16	45	100	3.90	3.00	K0317.916

KIPP Spring Plungers, LONG-LOK, pin style, hexagon socket, stainless steel body and pin, standard end pressure, metric

Item No.	D	D1	L	L1	H	T	T1	N	S	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Tightening torque approx. Nm	Loosening torque, after third unscrewing approx. Nm	Item No. Assembly key
K0329.05	M5	2,4	18	7	2,3	2	0,8	0,8	1,5	5	17	0,12	0,08	K0317.905
K0329.06	M6	2,7	20	7	2,5	2,5	1	1	2	6	17	0,45	0,22	K0317.906
K0329.08	M8	3,5	22	8	3	3	1,4	1,2	2,5	7	29	1,05	0,37	K0317.908
K0329.10	M10	4	22	9	3	3,5	1,4	1,6	3	8	31	1,30	0,60	K0317.910
K0329.12	M12	6	28	10	4	5	2	2	4	10	47	2,00	1,30	K0317.912
K0329.16	M16	7,5	32	14	5	6	2,5	2,5	5	45	100	3,90	3,00	K0317.916

Spring Plungers

LONG-LOK, pin style, hexagon socket, stainless steel body and POM pin



Material:

Body in stainless steel 1.4305;
pressure pin in POM;
spring in stainless steel 1.4310

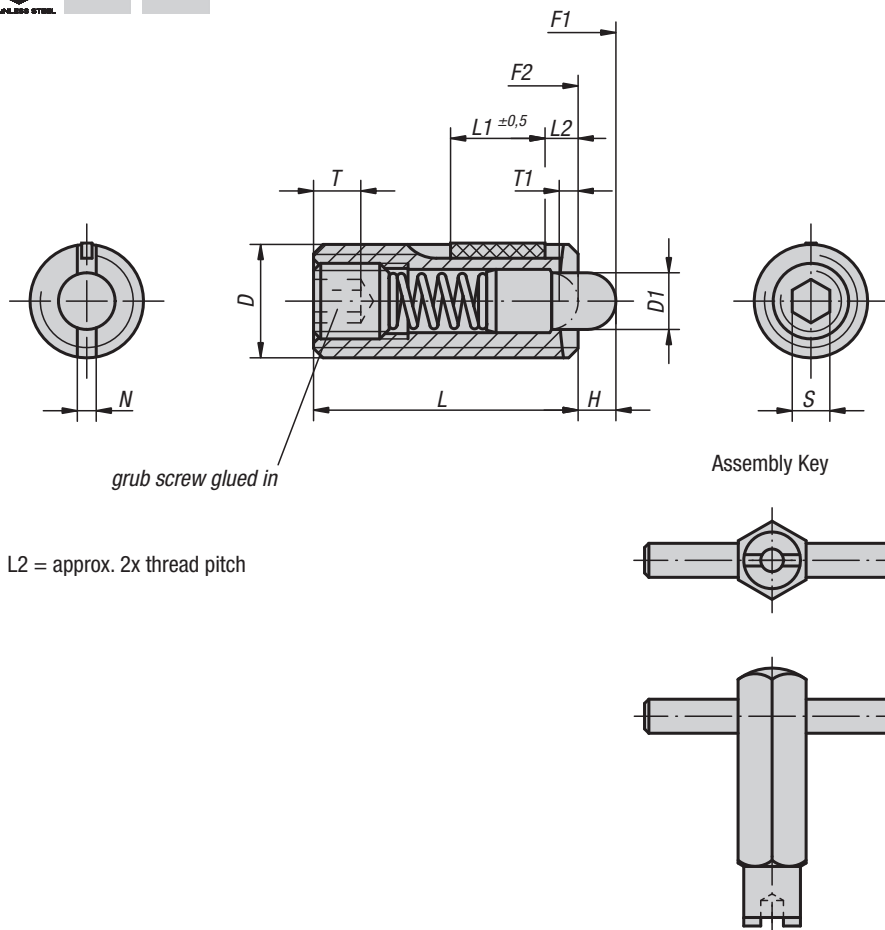
LONG-LOK thread system in nylon

Type:

Natural finish.

Part Number Example:

K0330.A6



L2 = approx. 2x thread pitch

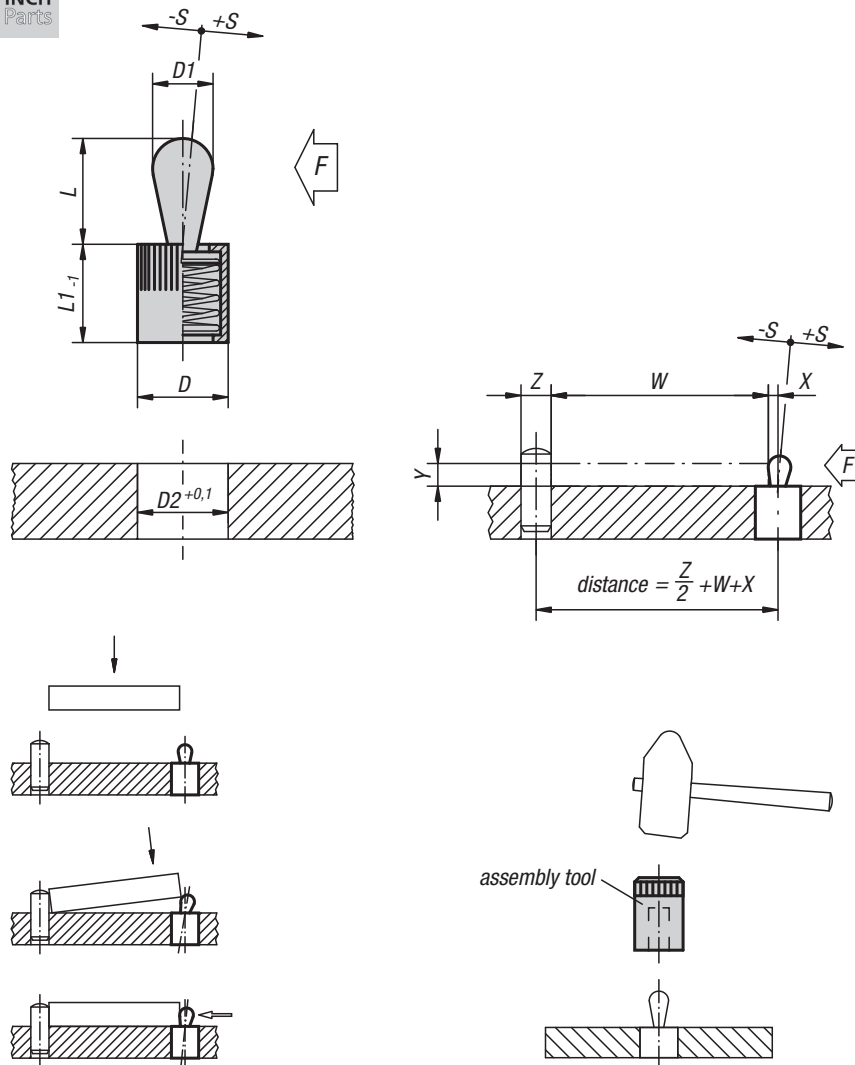
KIPP Spring Plungers, LONG-LOK, pin style, hexagon socket, stainless steel body and POM pin, standard end pressure, inch

Item No.	D	D1	L	L1	H	T	T1	N	S	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Tightening torque approx. Nm	Loosening torque, after third unscrewing approx. Nm	Item No. Assembly key
K0330.A1	10-32	2.4	18	7	2.3	2	0.8	0.8	1/16	5	17	0.12	0.08	K0317.905
K0330.AJ	1/4-28	2.7	20	7	2.5	2.5	1	1	5/64	6	17	0.45	0.22	K0317.906
K0330.A2	1/4-20	2.7	20	7	2.5	2.5	1	1	5/64	6	17	0.45	0.22	K0317.906
K0330.A3	5/16-18	3.5	22	8	3	3	1.4	1.2	3/32	7	29	1.05	0.37	K0317.908
K0330.A4	3/8-16	4	22	9	3	3.5	1.4	1.6	1/8	8	31	1.30	0.60	K0317.910
K0330.A5	1/2-13	6	28	10	4	5	2	2	5/32	10	47	2.00	1.30	K0317.912
K0330.A6	5/8-11	7.5	32	14	5	6	2.5	2.5	3/16	45	100	3.90	3.00	K0317.916

KIPP Spring Plungers, LONG-LOK, pin style, hexagon socket, stainless steel body and POM pin, standard end pressure, metric

Item No.	D	D1	L	L1	H	T	T1	N	S	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Tightening torque approx. Nm	Loosening torque, after third unscrewing approx. Nm	Item No. Assembly key
K0330.05	M5	2,4	18	7	2,3	2	0,8	0,8	1,5	5	17	0,12	0,08	K0317.905
K0330.06	M6	2,7	20	7	2,5	2,5	1	1	2	6	17	0,45	0,22	K0317.906
K0330.08	M8	3,5	22	8	3	3	1,4	1,2	2,5	7	29	1,05	0,37	K0317.908
K0330.10	M10	4	22	9	3	3,5	1,4	1,6	3	8	31	1,30	0,60	K0317.910
K0330.12	M12	6	28	10	4	5	2	2	4	10	47	2,00	1,30	K0317.912
K0330.16	M16	7,5	32	14	5	6	2,5	2,5	5	45	100	3,90	3,00	K0317.916

Lateral Spring Plungers

INCH
Parts**Material:**

Body in aluminum.

Spring in steel.

Pressure pin in steel or in POM.

Type:

Pressure pin (steel) hardened and galvanized.

Body blue galvanized.

Part Number Example:

K0368.21034CM

Note:

Lateral spring plungers are for positioning, clamping, holding and fastening of workpieces during engraving, labelling, drilling, reaming, tapping, honing, grinding, welding, soldering, tooling, assembling, etc.

Eccentric bushings for adjustment are also available.

Dimensions W and Z are according to customer specifications.

KIPP Lateral Spring Plungers without seal, pressure pin and spring in steel, inch

Item No.	D	D1	L	L1	D2	±S	F approx. N	X if Y = 1	X if Y = 2	X if Y = 3	X if Y = 4.5	X if Y = 6	X if Y = 8	Item No. assembly tool
K0368.21034CM	1/4	3	4	7	1/4	.5	10	.8	1	1	1	1	1	K0369.03CM
K0368.21036CM	1/4	3	4	7	1/4	.5	20	.8	1	1	1	1	1	K0369.03CM
K0368.21038CM	1/4	3	4	7	1/4	.5	40	.8	1	1	1	1	1	K0369.03CM
K0368.21054CU	7/16	5	6.7	11	7/16	.8	20	-	1.5	1.7	1.7	1.7	1.7	K0369.05CU
K0368.21056CU	7/16	5	6.7	11	7/16	.8	50	-	1.5	1.7	1.7	1.7	1.7	K0369.05CU
K0368.21058CU	7/16	5	6.7	11	7/16	.8	100	-	1.5	1.7	1.7	1.7	1.7	K0369.05CU
K0368.21064CU	7/16	6	10.7	11	7/16	1	40	-	-	-	1.7	1.9	1.9	K0369.05CU
K0368.21066CU	7/16	6	10.7	11	7/16	1	75	-	-	-	1.7	1.9	1.9	K0369.05CU
K0368.21068CU	7/16	6	10.7	11	7/16	1	150	-	-	-	1.7	1.9	1.9	K0369.05CU
K0368.21084CP	1/2	8	13.9	13	1/2	1.3	50	-	-	-	-	2.5	2.7	K0369.08CP
K0368.21086CP	1/2	8	13.9	13	1/2	1.3	100	-	-	-	-	2.5	2.7	K0369.08CP
K0368.21088CP	1/2	8	13.9	13	1/2	1.3	200	-	-	-	-	2.5	2.7	K0369.08CP
K0368.21104CQ	5/8	10	16.7	17	5/8	1.6	100	-	-	-	-	-	3.1	K0369.10CQ
K0368.21106CQ	5/8	10	16.7	17	5/8	1.6	200	-	-	-	-	-	3.1	K0369.10CQ
K0368.21108CQ	5/8	10	16.7	17	5/8	1.6	300	-	-	-	-	-	3.1	K0369.10CQ

Lateral Spring Plungers



KIPP Lateral Spring Plungers with seal, pressure pin and spring in steel, inch

Item No.	D	D1	L	L1	D2	±S	F approx. N	X if Y = 1	X if Y = 2	X if Y = 3	X if Y = 4.5	X if Y = 6	X if Y = 8	Item No. assembly tool
K0368.22034CM	1/4	3	4	7	1/4	.5	10	.8	1	1	1	1	1	K0369.03CM
K0368.22036CM	1/4	3	4	7	1/4	.5	20	.8	1	1	1	1	1	K0369.03CM
K0368.22038CM	1/4	3	4	7	1/4	.5	40	.8	1	1	1	1	1	K0369.03CM
K0368.22054CU	7/16	5	6	12	7/16	.8	20	-	1.5	1.7	1.7	1.7	1.7	K0369.05CU
K0368.22056CU	7/16	5	6	12	7/16	.8	50	-	1.5	1.7	1.7	1.7	1.7	K0369.05CU
K0368.22058CU	7/16	5	6	12	7/16	.8	100	-	1.5	1.7	1.7	1.7	1.7	K0369.05CU
K0368.22064CU	7/16	6	10	12	7/16	1	40	-	-	-	1.7	1.9	1.9	K0369.05CU
K0368.22066CU	7/16	6	10	12	7/16	1	75	-	-	-	1.7	1.9	1.9	K0369.05CU
K0368.22068CU	7/16	6	10	12	7/16	1	150	-	-	-	1.7	1.9	1.9	K0369.05CU
K0368.22084CP	1/2	8	13	14	1/2	1.3	50	-	-	-	-	2.5	2.7	K0369.08CP
K0368.22086CP	1/2	8	13	14	1/2	1.3	100	-	-	-	-	2.5	2.7	K0369.08CP
K0368.22088CP	1/2	8	13	14	1/2	1.3	200	-	-	-	-	2.5	2.7	K0369.08CP
K0368.22104CQ	5/8	10	16	18	5/8	1.6	100	-	-	-	-	-	3.1	K0369.10CQ
K0368.22106CQ	5/8	10	16	18	5/8	1.6	200	-	-	-	-	-	3.1	K0369.10CQ
K0368.22108CQ	5/8	10	16	18	5/8	1.6	300	-	-	-	-	-	3.1	K0369.10CQ

KIPP Lateral Spring Plungers without seal, pressure pin in POM, spring in steel, inch

Item No.	D	D1	L	L1	D2	±S	F approx. N	X if Y = 1	X if Y = 2	X if Y = 3	X if Y = 4.5	X if Y = 6	X if Y = 8	Item No. assembly tool
K0368.71034CM	1/4	3	4	7	1/4	.5	10	.8	1	1	1	1	1	K0369.03CM
K0368.71036CM	1/4	3	4	7	1/4	.5	20	.8	1	1	1	1	1	K0369.03CM
K0368.71054CU	7/16	5	6.7	11	7/16	.8	20	-	1.5	1.7	1.7	1.7	1.7	K0369.05CU
K0368.71056CU	7/16	5	6.7	11	7/16	.8	50	-	1.5	1.7	1.7	1.7	1.7	K0369.05CU
K0368.71064CU	7/16	6	10.7	11	7/16	1	40	-	-	-	1.7	1.9	1.9	K0369.05CU
K0368.71066CU	7/16	6	10.7	11	7/16	1	75	-	-	-	1.7	1.9	1.9	K0369.05CU
K0368.71084CP	1/2	8	13.9	13	1/2	1.3	50	-	-	-	-	2.5	2.7	K0369.08CP
K0368.71086CP	1/2	8	13.9	13	1/2	1.3	100	-	-	-	-	2.5	2.7	K0369.08CP
K0368.71104CQ	5/8	10	16.7	17	5/8	1.6	100	-	-	-	-	-	3.1	K0369.10CQ
K0368.71106CQ	5/8	10	16.7	17	5/8	1.6	200	-	-	-	-	-	3.1	K0369.10CQ

KIPP Lateral Spring Plungers with seal, pressure pin in POM, spring in steel, inch

Item No.	D	D1	L	L1	D2	±S	F approx. N	X if Y = 1	X if Y = 2	X if Y = 3	X if Y = 4.5	X if Y = 6	X if Y = 8	Item No. assembly tool
K0368.72034CM	1/4	3	4	7	1/4	.5	10	.8	1	1	1	1	1	K0369.03CM
K0368.72036CM	1/4	3	4	7	1/4	.5	20	.8	1	1	1	1	1	K0369.03CM
K0368.72054CU	7/16	5	6	12	7/16	.8	20	-	1.5	1.7	1.7	1.7	1.7	K0369.05CU
K0368.72056CU	7/16	5	6	12	7/16	.8	50	-	1.5	1.7	1.7	1.7	1.7	K0369.05CU
K0368.72064CU	7/16	6	10	12	7/16	1	40	-	-	-	1.7	1.9	1.9	K0369.05CU
K0368.72066CU	7/16	6	10	12	7/16	1	75	-	-	-	1.7	1.9	1.9	K0369.05CU
K0368.72084CP	1/2	8	13	14	1/2	1.3	50	-	-	-	-	2.5	2.7	K0369.08CP
K0368.72086CP	1/2	8	13	14	1/2	1.3	100	-	-	-	-	2.5	2.7	K0369.08CP
K0368.72104CQ	5/8	10	16	18	5/8	1.6	100	-	-	-	-	-	3.1	K0369.10CQ
K0368.72106CQ	5/8	10	16	18	5/8	1.6	200	-	-	-	-	-	3.1	K0369.10CQ

Eccentric Bushings and assembly tools

for lateral spring plungers

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Parts

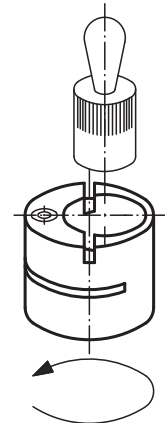
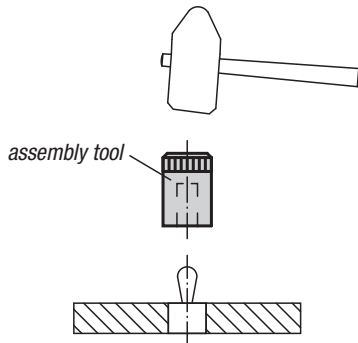
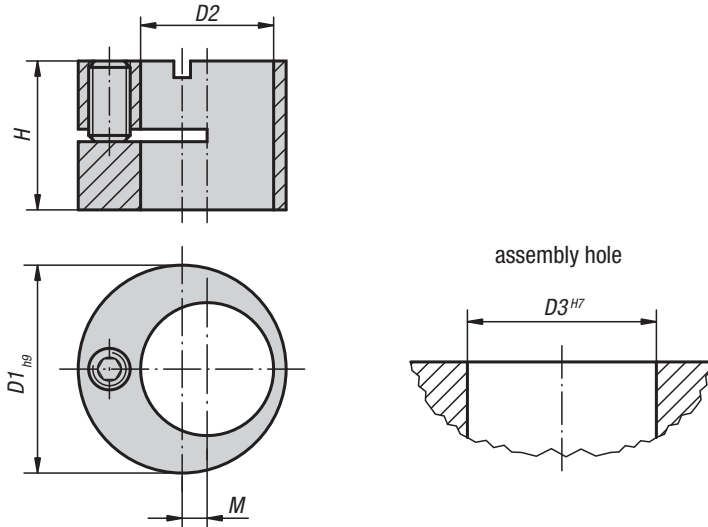


Material:
Steel.

Type:
Black oxide finish.

Part Number Example:
K0369.03CM

Note:
Eccentric Bushings enable Lateral Spring Plungers to be positioned exactly to the workpiece.



KIPP Assembly tools, inch

Item No.	Suitable for Lateral Spring Plungers with D =
K0369.03CM	1/4
K0369.05CU	7/16
K0369.08CP	1/2
K0369.10CQ	5/8

KIPP Eccentric Bushings for lateral spring plungers, inch

Item No.	D1	D2	D3	H	M	Suitable for Lateral Spring Plungers with D =
K0369.120CM	1/2	1/4	1/2	9.9	2	1/4
K0369.160CU	11/16	7/16	11/16	11.9	2	7/16
K0369.180CP	3/4	1/2	3/4	13.9	2	1/2
K0369.250CQ	1	5/8	1	17.9	3	5/8

Leveling Pads

INCH
Parts

METRIC
Parts



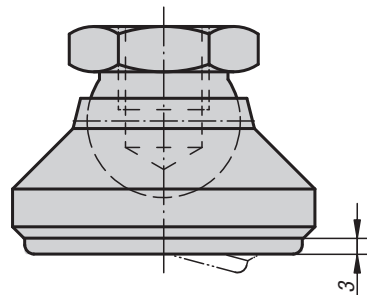
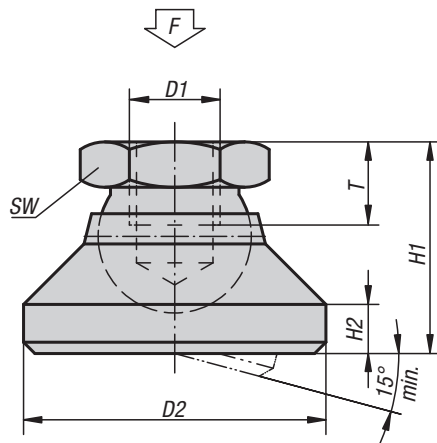
Style A
pressure foot and
ball element steel

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

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Material:

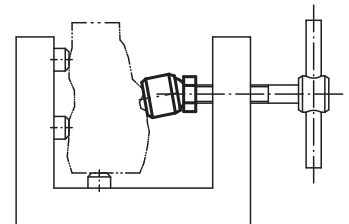
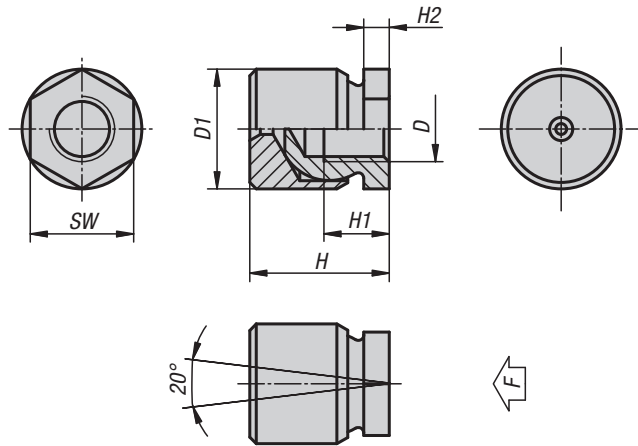
Ball element in case-hardened free-cutting steel,
pressure pad in free-cutting steel ETG 100

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

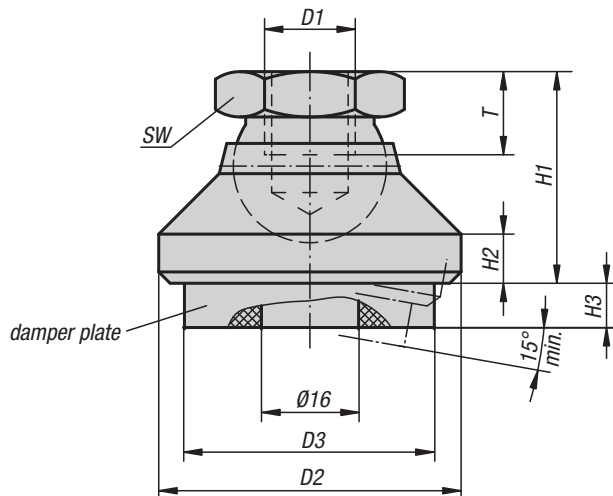
Item No.	D	D1	H	H1	H2	SW	F max. N
K0304.05	M5	13	16,5	6,5	4	10	1620
K0304.06	M6	13	16,5	8,5	4	10	2330
K0304.08	M8	16	21	9	4	13	4150
K0304.10	M10	19	23	10	4	17	6480
K0304.12	M12	22	25,5	12	4,7	19	8320
K0304.16	M16	25	29,5	14	5	24	13940
K0304.20	M20	32	36	18	8,5	30	21000

Leveling Pads

with vibration absorption

INCH
Parts

METRIC
Parts



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

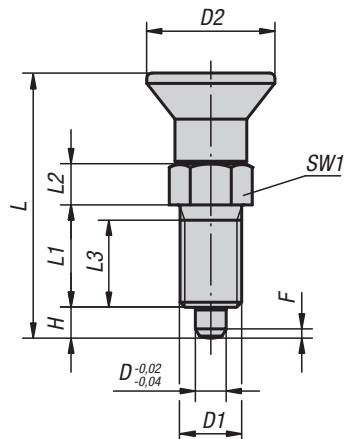
Item No. steel	Item No. stainless steel	D1	D2	D3	H1	H2	H3 (under pressure of 0 / 0.4 / 0.6 N/mm ²)	T	SW	Load capacity (under pressure of 0.4 N/mm ²) N
K0420.110	K0420.310	M10	32	30,5	22	5	8 / 6,8 / 5,9	10	17	212
K0420.112	K0420.312	M12	40	30,5	26	6	8 / 6,8 / 5,9	12	19	212
K0420.116	K0420.316	M16	50	40,5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

Indexing Plungers

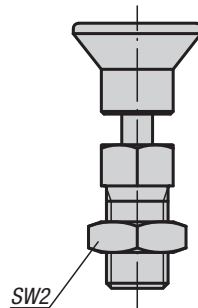
pull knob

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Parts

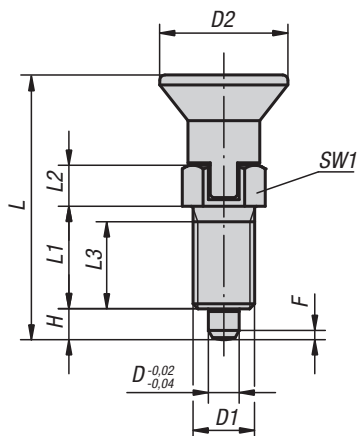
Style A
non-lockout type
without locknut



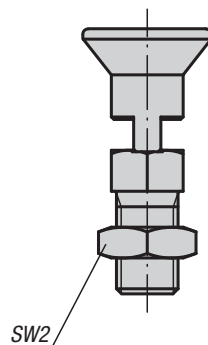
Style B
non-lockout type
with locknut



Style C
lockout type
without locknut



Style D
lockout type
with locknut



Material:

- Steel version, locking pin hardened: quality class 5.8
- Stainless steel version, locking pin hardened: threaded sleeve 1.4305 locking pin 1.4034
- Stainless steel version, locking pin not hardened: threaded sleeve 1.4305 locking pin 1.4305

Mushroom knob in black gray thermoplastic

Type:

- Steel version, locking pin hardened: black oxide finish, locking pin ground
- Stainless steel version, locking pin hardened: natural finish, locking pin ground
- Stainless steel version, locking pin not hardened: natural finish, locking pin ground

Part Number Example:

K0338.1903AJ

Note:

Indexing Plungers are used to prevent any change in locking position due to lateral forces. A new locking position can only be set after the bolt has been manually disengaged. Style C or D is recommended for applications in which gradual disengagement of the locking bolt is desired where a springing back of the pin should be prevented.

On request:

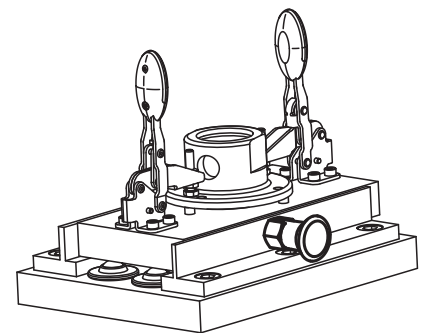
Special versions and spacer rings.

KIPP Indexing Plungers, pull knob, steel, locking pin hardened, inch

Item No. Style A	Item No. Style B	Item No. Style C	Item No. Style D	D	D1	D2	L	L1	L2	L3	H	SW1	SW2	F x 30° initial pressure F1 approx. N	Spring force final pressure F2 approx. N	
K0338.1903AJ	K0338.2903AJ	K0338.3903AJ	K0338.4903AJ	3	1/4-28	14	31.5	12	5	10	3.5	8	-7/16/-7/16	.8	4.5	10
K0338.1004AK	K0338.2004AK	K0338.3004AK	K0338.4004AK	4	5/16-24	18	38.5	15	6	13	4	10	-1/2/-1/2	1	6	12
K0338.1105AL	K0338.2105AL	K0338.3105AL	K0338.4105AL	5	3/8-24	21	43.5	17	7	15	5	13	-9/16/-9/16	1.3	5	12
K0338.1206A5	K0338.2206A5	K0338.3206A5	K0338.4206A5	6	1/2-13	25	51.7	20	8	16	6	14	-3/4/-3/4	1.8	6	14
K0338.1308A6	K0338.2308A6	K0338.3308A6	K0338.4308A6	8	5/8-11	33	68	26	10	21	8	19	-15/16/-15/16	2.3	15	35
K0338.1410A7	K0338.2410A7	K0338.3410A7	K0338.4410A7	10	3/4-10	33	74	28	12	23	10	22	-1 1/8/-1 1/8	2.8	15	40
K0338.1412A0	K0338.2412A0	K0338.3412A0	K0338.4412A0	12	3/4-16	33	78	28	14	25	12	22	-1 1/8/-1 1/8	2.8	15	39
K0338.1516A8	K0338.2516A8	K0338.3516A8	K0338.4516A8	16	1"-8	40	96	32	18	28	16	27	-1 1/2/-1 1/2	3.2	20	46

Indexing Plungers

pull knob



KIPP Indexing Plungers, pull knob, stainless steel, locking pin hardened, inch

Item No. Style A	Item No. Style B	Item No. Style C	Item No. Style D	D	D1	D2	L	L1	L2	L3	H	SW1	SW2	F x 30° initial pressure F1 approx. N	Spring force final pressure F2 approx. N	
K0338.01903AJ	K0338.02903AJ	K0338.03903AJ	K0338.04903AJ	3	1/4-28	14	31.5	12	5	10	3.5	8	-7/16/-7/16	.8	4.5	10
K0338.01004AK	K0338.02004AK	K0338.03004AK	K0338.04004AK	4	5/16-24	18	38.5	15	6	13	4	10	-1/2/-1/2	1	6	12
K0338.01105AL	K0338.02105AL	K0338.03105AL	K0338.04105AL	5	3/8-24	21	43.5	17	7	15	5	13	-9/16/-9/16	1.3	5	12
K0338.01206A5	K0338.02206A5	K0338.03206A5	K0338.04206A5	6	1/2-13	25	51.7	20	8	16	6	14	-3/4/-3/4	1.8	6	14
K0338.01308A6	K0338.02308A6	K0338.03308A6	K0338.04308A6	8	5/8-11	33	68	26	10	21	8	19	-15/16/-15/16	2.3	15	35
K0338.01410A7	K0338.02410A7	K0338.03410A7	K0338.04410A7	10	3/4-10	33	74	28	12	23	10	22	-1 1/8/-1 1/8	2.8	15	40
K0338.01412A0	K0338.02412A0	K0338.03412A0	K0338.04412A0	12	3/4-16	33	78	28	14	25	12	22	-1 1/8/-1 1/8	2.8	15	39
K0338.01516A8	K0338.02516A8	K0338.03516A8	K0338.04516A8	16	1"-8	40	96	32	18	28	16	27	-1 1/2/-1 1/2	3.2	20	46

KIPP Indexing Plungers, pull knob, stainless steel, locking pin not hardened, inch

Item No. Style A	Item No. Style B	Item No. Style C	Item No. Style D	D	D1	D2	L	L1	L2	L3	H	SW1	SW2	F x 30° initial pressure F1 approx. N	Spring force final pressure F2 approx. N	
K0338.11903AJ	K0338.12903AJ	K0338.13903AJ	K0338.14903AJ	3	1/4-28	14	31.5	12	5	10	3.5	8	-7/16/-7/16	.8	4.5	10
K0338.11004AK	K0338.12004AK	K0338.13004AK	K0338.14004AK	4	5/16-24	18	38.5	15	6	13	4	10	-1/2/-1/2	1	6	12
K0338.11105AL	K0338.12105AL	K0338.13105AL	K0338.14105AL	5	3/8-24	21	43.5	17	7	15	5	13	-9/16/-9/16	1.3	5	12
K0338.11206A5	K0338.12206A5	K0338.13206A5	K0338.14206A5	6	1/2-13	25	51.7	20	8	16	6	14	-3/4/-3/4	1.8	6	14
K0338.11308A6	K0338.12308A6	K0338.13308A6	K0338.14308A6	8	5/8-11	33	68	26	10	21	8	19	-15/16/-15/16	2.3	15	35
K0338.11410A7	K0338.12410A7	K0338.13410A7	K0338.14410A7	10	3/4-10	33	74	28	12	23	10	22	-1 1/8/-1 1/8	2.8	15	40
K0338.11412A0	K0338.12412A0	K0338.13412A0	K0338.14412A0	12	3/4-16	33	78	28	14	25	12	22	-1 1/8/-1 1/8	2.8	15	39
K0338.11516A8	K0338.12516A8	K0338.13516A8	K0338.14516A8	16	1"-8	40	96	32	18	28	16	27	-1 1/2/-1 1/2	3.2	20	46

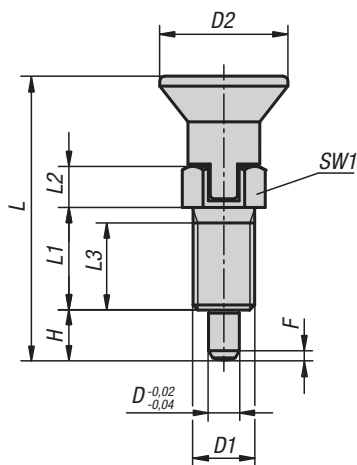
Indexing Plungers

pull knob, with extended locking pin

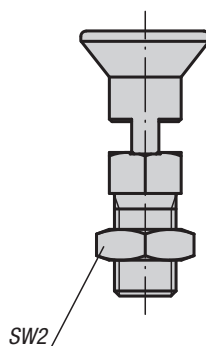
INCH
Parts



Style C
with locking slot
without locknut



Style D
with locking slot
with locknut



Material:

- Steel version, locking pin hardened: quality class 5.8
- Stainless steel version, locking pin hardened: threaded sleeve 1.4305 locking pin 1.4034
- Stainless steel version, locking pin not hardened: threaded sleeve 1.4305 locking pin 1.4305

Mushroom knob in black gray thermoplastic

Type:

- Steel version, locking pin hardened: black oxide finish, locking pin ground
- Stainless steel version, locking pin hardened: natural finish, locking pin ground
- Stainless steel version, locking pin not hardened: natural finish, locking pin ground

Part Number Example:

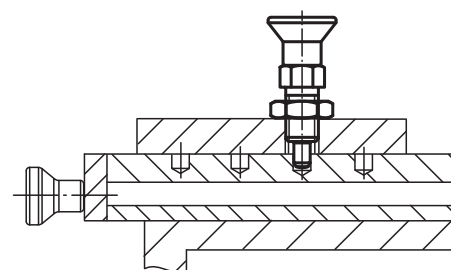
K0630.21903AJ

Note:

Indexing plungers are used to prevent any change in locking position due to lateral forces. A new locking position can only be set after the pin has been manually disengaged.

On request:

Special versions and spacer rings.



Indexing Plungers

pull knob, with extended locking pin

KIPP Indexing Plungers with extended locking pin, pull knob, steel, locking pin hardened, inch

Item No. Style A	Item No. Style B	D	D1	D2	L	L1	L2	L3	H	SW1	SW2	F x 30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0630.21903AJ	K0630.22903AJ	3	1/4-28	14	33	12	5	10	5	8	- 7/16	.8	4.5	12
K0630.21004AK	K0630.22004AK	4	5/16-24	18	40.5	15	6	13	6	10	- 1/2	1	6	15
K0630.21105AL	K0630.22105AL	5	3/8-24	21	46.5	17	7	15	8	13	- 9/16	1.3	5	16
K0630.21206A5	K0630.22206A5	6	1/2-13	25	55	20	8	17	9	14	- 3/4	1.8	6	18
K0630.21308A6	K0630.22308A6	8	5/8-11	33	72	26	10	23	12	19	- 15/16	2.3	15	45
K0630.21410A7	K0630.22410A7	10	3/4-10	33	79	28	12	25	15	22	- 11/8	2.8	15	43
K0630.21412A0	K0630.22412A0	12	3/4-16	33	84	28	14	25	18	22	- 11/8	2.8	15	51
K0630.21516A8	K0630.22516A8	16	1"-8	40	104	32	18	28	24	27	- 11/2	3.2	20	60

KIPP Indexing Plungers with extended locking pin, pull knob, stainless steel, locking pin hardened, inch

Item No. Style A	Item No. Style B	D	D1	D2	L	L1	L2	L3	H	SW1	SW2	F x 30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0630.201903AJ	K0630.202903AJ	3	1/4-28	14	33	12	5	10	5	8	- 7/16	.8	4.5	12
K0630.201004AK	K0630.202004AK	4	5/16-24	18	40.5	15	6	13	6	10	- 1/2	1	6	15
K0630.201105AL	K0630.202105AL	5	3/8-24	21	46.5	17	7	15	8	13	- 9/16	1.3	5	16
K0630.201206A5	K0630.202206A5	6	1/2-13	25	55	20	8	17	9	14	- 3/4	1.8	6	18
K0630.201308A6	K0630.202308A6	8	5/8-11	33	72	26	10	23	12	19	- 15/16	2.3	15	45
K0630.201410A7	K0630.202410A7	10	3/4-10	33	79	28	12	25	15	22	- 11/8	2.8	15	43
K0630.201412A0	K0630.202412A0	12	3/4-16	33	84	28	14	25	18	22	- 11/8	2.8	15	51
K0630.201516A8	K0630.202516A8	16	1"-8	40	104	32	18	28	24	27	- 11/2	3.2	20	60

KIPP Indexing Plungers with extended locking pin, pull knob, stainless steel, locking pin not hardened, inch

Item No. Style A	Item No. Style B	D	D1	D2	L	L1	L2	L3	H	SW1	SW2	F x 30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0630.211903AJ	K0630.212903AJ	3	1/4-28	14	33	12	5	10	5	8	- 7/16	.8	4.5	12
K0630.211004AK	K0630.212004AK	4	5/16-24	18	40.5	15	6	13	6	10	- 1/2	1	6	15
K0630.211105AL	K0630.212105AL	5	3/8-24	21	46.5	17	7	15	8	13	- 9/16	1.3	5	16
K0630.211206A5	K0630.212206A5	6	1/2-13	25	55	20	8	17	9	14	- 3/4	1.8	6	18
K0630.211308A6	K0630.212308A6	8	5/8-11	33	72	26	10	23	12	19	- 15/16	2.3	15	45
K0630.211410A7	K0630.212410A7	10	3/4-10	33	79	28	12	25	15	22	- 11/8	2.8	15	43
K0630.211412A0	K0630.212412A0	12	3/4-16	33	84	28	14	25	18	22	- 11/8	2.8	15	51
K0630.211516A8	K0630.212516A8	16	1"-8	40	104	32	18	28	24	27	- 11/2	3.2	20	60

Indexing Plungers

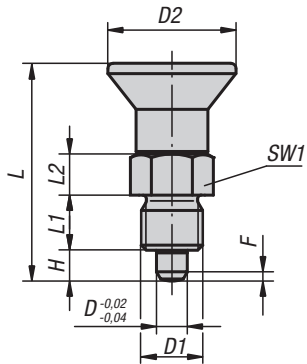
pull knob, short version

INCH
Parts

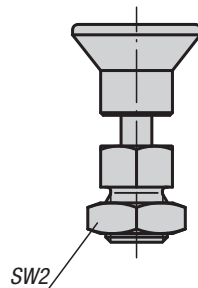
METRIC
Parts



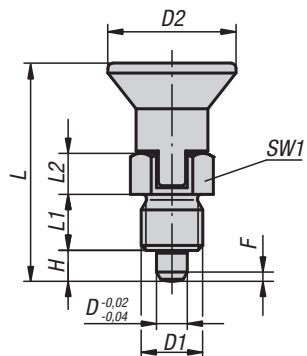
Style A
non-lockout type
without locknut



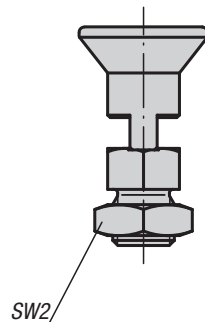
Style B
non-lockout type
with locknut



Style C
lockout type
without locknut



Style D
lockout type
with locknut



Material:

- Steel version, locking pin hardened: quality class 5.8
- Stainless steel version, locking pin not hardened: threaded sleeve 1.4305 locking pin 1.4305

Mushroom knob black gray thermoplastic.

Type:

- Steel version, locking pin hardened: black oxide finish, locking pin ground
- Stainless steel version, locking pin not hardened: natural finish, locking pin ground

Part Number Example:

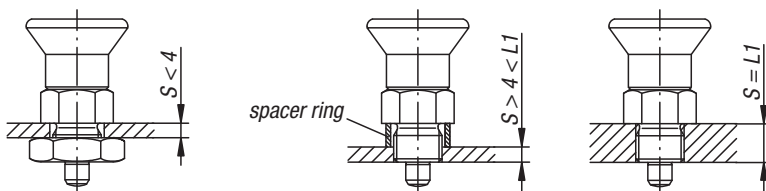
K0631.5004AK

Note:

Indexing plungers are used to prevent any change in position due to lateral forces. A new locking position can only be set after the pin has been manually disengaged. Style C or D is recommended for applications in which the pin is disengaged over extended periods and should be prevented from springing back.

On request:

Special versions and spacer rings.



Indexing Plungers

pull knob, short version

KIPP Indexing Plungers short version, pull knob, steel, locking pin hardened, inch

Item No. Style A	Item No. Style B	Item No. Style C	Item No. Style D	D	D1	D2	L	L1	L2	H	SW1	SW2	F x 30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0631.5004AK	K0631.6004AK	K0631.7004AK	K0631.8004AK	4	5/16-24	18	29.5	6	6	4	10	- 1/2 - 1/2	1	6	12
K0631.5105AL	K0631.6105AL	K0631.7105AL	K0631.8105AL	5	3/8-24	21	34.5	8	7	5	13	- 9/16 - 9/16	1.3	5	12
K0631.5206A5	K0631.6206A5	K0631.7206A5	K0631.8206A5	6	1/2-13	25	41.7	10	8	6	14	- 3/4 - 3/4	1.8	6	14
K0631.5308A6	K0631.6308A6	K0631.7308A6	K0631.8308A6	8	5/8-11	33	54	12	10	8	19	- 15/16 - 15/16	2.3	14	28
K0631.5410A7	K0631.6410A7	K0631.7410A7	K0631.8410A7	10	3/4-10	33	61	15	12	10	22	- 1 1/8 - 1 1/8	2.8	15	32

KIPP Indexing Plungers, short version, pull knob, stainless steel, locking pin not hardened, inch

Item No. Style A	Item No. Style B	Item No. Style C	Item No. Style D	D	D1	D2	L	L1	L2	H	SW1	SW2	F x 30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0631.15004AK	K0631.16004AK	K0631.17004AK	K0631.18004AK	4	5/16-24	18	29.5	6	6	4	10	- 1/2 - 1/2	1	6	12
K0631.15105AL	K0631.16105AL	K0631.17105AL	K0631.18105AL	5	3/8-24	21	34.5	8	7	5	13	- 9/16 - 9/16	1.3	5	12
K0631.15206A5	K0631.16206A5	K0631.17206A5	K0631.18206A5	6	1/2-13	25	41.7	10	8	6	14	- 3/4 - 3/4	1.8	6	14
K0631.15308A6	K0631.16308A6	K0631.17308A6	K0631.18308A6	8	5/8-11	33	54	12	10	8	19	- 15/16 - 15/16	2.3	14	28
K0631.15410A7	K0631.16410A7	K0631.17410A7	K0631.18410A7	10	3/4-10	33	61	15	12	10	22	- 1 1/8 - 1 1/8	2.8	15	32

KIPP Indexing Plungers short version, pull knob, steel, locking pin hardened, metric

Item No. Style A	Item No. Style B	Item No. Style C	Item No. Style D	D	D1	D2	L	L1	L2	H	SW1	SW2	F x 30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0631.5903	K0631.6903	K0631.7903	K0631.8903	3	M6x0,75	14	25,5	6	5	3,5	8	- / 10 / - / 10	0,8	4	10
K0631.5004	K0631.6004	K0631.7004	K0631.8004	4	M8x1	18	29,5	6	6	4	10	- / 13 / - / 13	1	4	12
K0631.5105	K0631.6105	K0631.7105	K0631.8105	5	M10x1	21	34,5	8	7	5	13	- / 17 / - / 17	1,3	5	12
K0631.5206	K0631.6206	K0631.7206	K0631.8206	6	M12x1,5	25	41,7	10	8	6	14	- / 19 / - / 19	1,8	6	14
K0631.5308	K0631.6308	K0631.7308	K0631.8308	8	M16x1,5	33	54	12	10	8	19	- / 24 / - / 24	2,3	14	28
K0631.5410	K0631.6410	K0631.7410	K0631.8410	10	M20x1,5	33	61	15	12	10	22	- / 30 / - / 30	2,8	15	32

KIPP Indexing Plungers, short version, pull knob, stainless steel, locking pin not hardened, metric

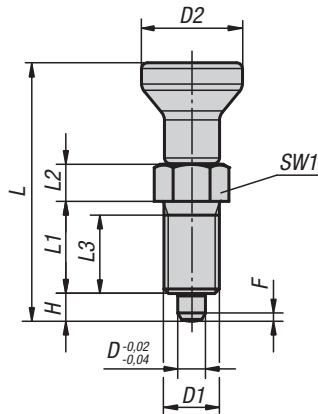
Item No. Style A	Item No. Style B	Item No. Style C	Item No. Style D	D	D1	D2	L	L1	L2	H	SW1	SW2	F x 30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0631.15903	K0631.16903	K0631.17903	K0631.18903	3	M6x0,75	14	25,5	6	5	3,5	8	- / 10 / - / 10	0,8	4	10
K0631.15004	K0631.16004	K0631.17004	K0631.18004	4	M8x1	18	29,5	6	6	4	10	- / 13 / - / 13	1	4	12
K0631.15105	K0631.16105	K0631.17105	K0631.18105	5	M10x1	21	34,5	8	7	5	13	- / 17 / - / 17	1,3	5	12
K0631.15206	K0631.16206	K0631.17206	K0631.18206	6	M12x1,5	25	41,7	10	8	6	14	- / 19 / - / 19	1,8	6	14
K0631.15308	K0631.16308	K0631.17308	K0631.18308	8	M16x1,5	33	54	12	10	8	19	- / 24 / - / 24	2,3	14	28
K0631.15410	K0631.16410	K0631.17410	K0631.18410	10	M20x1,5	33	61	15	12	10	22	- / 30 / - / 30	2,8	15	32

Indexing Plungers

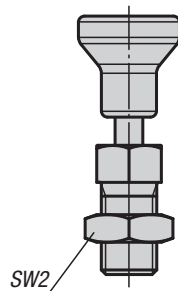
pull knob, stainless steel



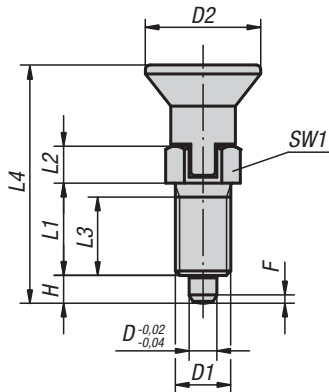
Style A
non-lockout type
without locknut



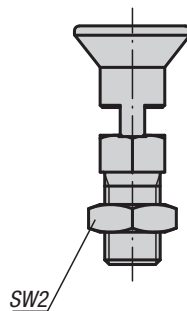
Style B
non-lockout type
with locknut



Style C
lockout type
without locknut



Style D
lockout type
with locknut



Material:

- Locking pin hardened:
threaded sleeve 1.4305locking pin 1.4034
- Locking pin not hardened:
threaded sleeve 1.4305
locking pin 1.4305

Mushroom knob 1.4305, electrolytic-polish

Type:

Natural finish; locking pin ground

Part Number Example:

K0632.001903AJ

Note:

Indexing plungers are used to prevent any change in locking position due to lateral forces. A new locking position can only be set after the pin has been manually disengaged.

Style C or D is recommended for applications in which the pin is disengaged over extended periods and should be prevented from springing back.

On request:

Special versions.

KIPP Measurements, Indexing Plungers pull knob, stainless steel

D	D2	L1	L2	L3	H	SW1	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
3	14	12	5	10	3.5	8	4.5	10
4	18	15	6	13	4	10	6	12
5	21	17	7	15	5	13	4.5	12
6	25	20	8	17	6	14	6	14
8	33	26	10	23	8	19	15	35
10	33	28	12	25	10	22	15	34
12	33	28	14	25	12	22	15	39
16	40	32	18	28	16	27	20	46

KIPP Indexing Plungers, pull knob, stainless steel, locking pin hardened, inch

Item No. Style A	Item No. Style B	Item No. Style C	Item No. Style D	D1	L	L4	SW2	F x 30°
K0632.001903AJ	K0632.002903AJ	K0632.003903AJ	K0632.004903AJ	1/4-28	34.5/34.5/-/-	-/-/31.5/31.5	- 7/16 - 7/16	.8
K0632.001004AK	K0632.002004AK	K0632.003004AK	K0632.004004AK	5/16-24	43/43/-/-	-/-/38.5/38.5	- 1/2 - 1/2	1
K0632.001105AL	K0632.002105AL	K0632.003105AL	K0632.004105AL	3/8-24	50/50/-/-	-/-/43.5/43.5	- 9/16 - 9/16	1.3
K0632.001206A5	K0632.002206A5	K0632.003206A5	K0632.004206A5	1/2-13	59/59/-/-	-/-/52/52	- 3/4 - 3/4	1.8
K0632.001308A6	K0632.002308A6	K0632.003308A6	K0632.004308A6	5/8-11	77/77/-/-	-/-/68/68	- 15/16 - 15/16	2.3
K0632.001410A7	K0632.002410A7	K0632.003410A7	K0632.004410A7	3/4-10	83/83/-/-	-/-/74/74	- 1 1/8 - 1 1/8	2.6
K0632.001412A0	K0632.002412A0	K0632.003412A0	K0632.004412A0	3/4-16	87/87/-/-	-/-/78/78	- 1 1/8 - 1 1/8	2.8
K0632.001516A8	K0632.002516A8	K0632.003516A8	K0632.004516A8	1"-8	106/106/-/-	-/-/96/96	- 1 1/2 - 1 1/2	3.2

KIPP Indexing Plungers, pull knob, stainless steel, locking pin not hardened, inch

Item No. Style A	Item No. Style B	Item No. Style C	Item No. Style D	D1	L	L4	SW2	F x 30°
K0632.111903AJ	K0632.112903AJ	K0632.113903AJ	K0632.114903AJ	1/4-28	34.5/34.5/-/-	-/-/31.5/31.5	- 7/16 - 7/16	.8
K0632.111004AK	K0632.112004AK	K0632.113004AK	K0632.114004AK	5/16-24	43/43/-/-	-/-/38.5/38.5	- 1/2 - 1/2	1
K0632.111105AL	K0632.112105AL	K0632.113105AL	K0632.114105AL	3/8-24	50/50/-/-	-/-/43.5/43.5	- 9/16 - 9/16	1.3
K0632.111206A5	K0632.112206A5	K0632.113206A5	K0632.114206A5	1/2-13	59/59/-/-	-/-/52/52	- 3/4 - 3/4	1.8
K0632.111308A6	K0632.112308A6	K0632.113308A6	K0632.114308A6	5/8-11	77/77/-/-	-/-/68/68	- 15/16 - 15/16	2.3
K0632.111410A7	K0632.112410A7	K0632.113410A7	K0632.114410A7	3/4-10	83/83/-/-	-/-/74/74	- 1 1/8 - 1 1/8	2.6
K0632.111412A0	K0632.112412A0	K0632.113412A0	K0632.114412A0	3/4-16	87/87/-/-	-/-/78/78	- 1 1/8 - 1 1/8	2.8
K0632.111516A8	K0632.112516A8	K0632.113516A8	K0632.114516A8	1"-8	106/106/-/-	-/-/96/96	- 1 1/2 - 1 1/2	3.2

KIPP Indexing Plungers, pull knob, stainless steel, locking pin hardened, metric

Item No. Style A	Item No. Style B	Item No. Style C	Item No. Style D	D1	L	L4	SW2	F x 30°
K0632.001903	K0632.002903	K0632.003903	K0632.004903	M6x0,75	34,5/34,5/-/-	-/-/31,5/31,5	- / 10 / - / 10	0,8
K0632.001004	K0632.002004	K0632.003004	K0632.004004	M8x1	43/43/-/-	-/-/38,5/38,5	- / 13 / - / 13	1
K0632.001105	K0632.002105	K0632.003105	K0632.004105	M10x1	50/50/-/-	-/-/43,5/43,5	- / 17 / - / 17	1,3
K0632.001206	K0632.002206	K0632.003206	K0632.004206	M12x1,5	59/59/-/-	-/-/51,7/51,7	- / 19 / - / 19	1,8
K0632.001308	K0632.002308	K0632.003308	K0632.004308	M16x1,5	77/77/-/-	-/-/68/68	- / 24 / - / 24	2,3
K0632.001410	K0632.002410	K0632.003410	K0632.004410	M20x1,5	83/83/-/-	-/-/74/74	- / 30 / - / 30	2,8
K0632.001412	K0632.002412	K0632.003412	K0632.004412	M20x1,5	87/87/-/-	-/-/78/78	- / 30 / - / 30	2,8
K0632.001516	K0632.002516	K0632.003516	K0632.004516	M24x2	106/106/-/-	-/-/96/96	- / 36 / - / 36	3,2

KIPP Indexing Plungers, pull knob, stainless steel, locking pin not hardened, metric

Item No. Style A	Item No. Style B	Item No. Style C	Item No. Style D	D1	L	L4	SW2	F x 30°
K0632.111903	K0632.112903	K0632.113903	K0632.114903	M6x0,75	34,5/34,5/-/-	-/-/31,5/31,5	- / 10 / - / 10	0,8
K0632.111004	K0632.112004	K0632.113004	K0632.114004	M8x1	43/43/-/-	-/-/38,5/38,5	- / 13 / - / 13	1
K0632.111105	K0632.112105	K0632.113105	K0632.114105	M10x1	50/50/-/-	-/-/43,5/43,5	- / 17 / - / 17	1,3
K0632.111206	K0632.112206	K0632.113206	K0632.114206	M12x1,5	59/59/-/-	-/-/51,7/51,7	- / 19 / - / 19	1,8
K0632.111308	K0632.112308	K0632.113308	K0632.114308	M16x1,5	77/77/-/-	-/-/68/68	- / 24 / - / 24	2,3
K0632.111410	K0632.112410	K0632.113410	K0632.114410	M20x1,5	83/83/-/-	-/-/74/74	- / 30 / - / 30	2,8
K0632.111412	K0632.112412	K0632.113412	K0632.114412	M20x1,5	87/87/-/-	-/-/78/78	- / 30 / - / 30	2,8
K0632.111516	K0632.112516	K0632.113516	K0632.114516	M24x2	106/106/-/-	-/-/96/96	- / 36 / - / 36	3,2

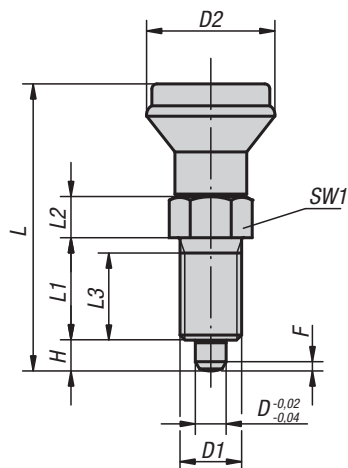
Indexing Plungers

pull knob

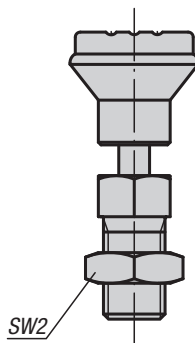
INCH
Parts

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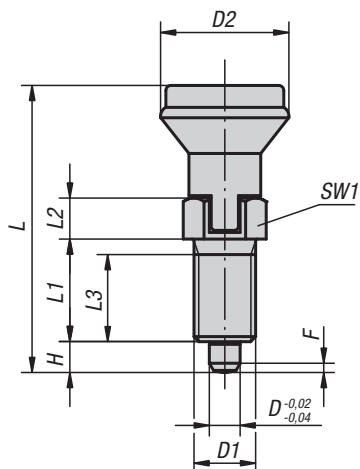
Style A
non-lockout type
without locknut



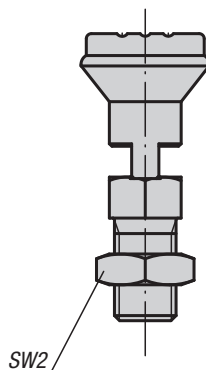
Style B
non-lockout type
with locknut



Style C
lockout type
without locknut



Style D
lockout type
with locknut



Material:

- Steel version, locking pin hardened: quality class 5.8
- Stainless steel version, locking pin hardened: threaded sleeve 1.4305 locking pin 1.4034
- Stainless steel version, locking pin not hardened: threaded sleeve 1.4305 locking pin 1.4305

Mushroom knob in black gray thermoplastic

Type:

- Steel version, locking pin hardened: black oxide finish, locking pin ground
- Stainless steel version, locking pin hardened: natural finish, locking pin ground
- Stainless steel version, locking pin not hardened: natural finish, locking pin ground

Part Number Example:

K0339.1005A4

Note:

Indexing plungers are used to prevent any change in locking position due to lateral forces. A new locking position can only be set after the pin has been manually disengaged.

Style C or D is recommended for applications in which the pin is disengaged over extended periods and should be prevented from springing back.

On request:

Special versions and spacer rings.

KIPP Indexing Plungers, pull knob, steel, locking pin hardened, inch

Item No. Style A	Item No. Style B	Item No. Style C	Item No. Style D	D	D1	D2	L	L1	L2	L3	H	SW1	SW2	F x 30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0339.1005A4	K0339.2005A4	K0339.3005A4	K0339.4005A4	5	3/8-16	21	47	17	7	15	5	13	-19/16 -19/16	1.3	5	12
K0339.1105AL	K0339.2105AL	K0339.3105AL	K0339.4105AL	5	3/8-24	21	47	17	7	15	5	13	-19/16 -19/16	1.3	5	12
K0339.1206A5	K0339.2206A5	K0339.3206A5	K0339.4206A5	6	1/2-13	25	56	20	8	17	6	14	-13/4 -13/4	1.8	6	14
K0339.1308A6	K0339.2308A6	K0339.3308A6	K0339.4308A6	8	5/8-11	33	74	26	10	23	8	19	-115/16 -115/16	2.3	15	35
K0339.1410A7	K0339.2410A7	K0339.3410A7	K0339.4410A7	10	3/4-10	33	80	28	12	25	10	22	-111/8 -111/8	2.8	15	34

Indexing Plungers

pull knob

KIPP Indexing Plungers, pull knob, stainless steel, locking pin hardened, inch

Item No. Style A	Item No. Style B	Item No. Style C	Item No. Style D	D	D1	D2	L	L1	L2	L3	H	SW1	SW2	F x 30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0339.01005A4	K0339.02005A4	K0339.03005A4	K0339.04005A4	5	3/8-16	21	47	17	7	15	5	13	-19/16 -19/16	1.3	5	12
K0339.01105AL	K0339.02105AL	K0339.03105AL	K0339.04105AL	5	3/8-24	21	47	17	7	15	5	13	-19/16 -19/16	1.3	5	12
K0339.01206A5	K0339.02206A5	K0339.03206A5	K0339.04206A5	6	1/2-13	25	56	20	8	17	6	14	-13/4 -13/4	1.8	6	14
K0339.01308A6	K0339.02308A6	K0339.03308A6	K0339.04308A6	8	5/8-11	33	74	26	10	23	8	19	-115/16 -115/16	2.3	15	35
K0339.01410A7	K0339.02410A7	K0339.03410A7	K0339.04410A7	10	3/4-10	33	80	28	12	25	10	22	-111/8 -111/8	2.8	15	34

KIPP Indexing Plungers, pull knob, stainless steel, locking pin not hardened, inch

Item No. Style A	Item No. Style B	Item No. Style C	Item No. Style D	D	D1	D2	L	L1	L2	L3	H	SW1	SW2	F x 30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0339.11005A4	K0339.12005A4	K0339.13005A4	K0339.14005A4	5	3/8-16	21	47	17	7	15	5	13	-19/16 -19/16	1.3	5	12
K0339.11105AL	K0339.12105AL	K0339.13105AL	K0339.14105AL	5	3/8-24	21	47	17	7	15	5	13	-19/16 -19/16	1.3	5	12
K0339.11206A5	K0339.12206A5	K0339.13206A5	K0339.14206A5	6	1/2-13	25	56	20	8	17	6	14	-13/4 -13/4	1.8	6	14
K0339.11308A6	K0339.12308A6	K0339.13308A6	K0339.14308A6	8	5/8-11	33	74	26	10	23	8	19	-115/16 -115/16	2.3	15	35
K0339.11410A7	K0339.12410A7	K0339.13410A7	K0339.14410A7	10	3/4-10	33	80	28	12	25	10	22	-111/8 -111/8	2.8	15	34

KIPP Indexing Plungers, pull knob, steel, locking pin hardened, metric

Item No. Style A	Item No. Style B	Item No. Style C	Item No. Style D	D	D1	D2	L	L1	L2	L3	H	SW1	SW2	F x 30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0339.1105	K0339.2105	K0339.3105	K0339.4105	5	M10x1	21	47	17	7	15	5	13	-17 -17	1,3	5	12
K0339.1206	K0339.2206	K0339.3206	K0339.4206	6	M12x1,5	25	56	20	8	17	6	14	-19 -19	1,8	6	14
K0339.1308	K0339.2308	K0339.3308	K0339.4308	8	M16x1,5	33	74	26	10	23	8	19	-24 -24	2,3	15	35
K0339.1410	K0339.2410	K0339.3410	K0339.4410	10	M20x1,5	33	80	28	12	25	10	22	-30 -30	2,8	15	34

KIPP Indexing Plungers, pull knob, stainless steel, locking pin hardened, metric

Item No. Style A	Item No. Style B	Item No. Style C	Item No. Style D	D	D1	D2	L	L1	L2	L3	H	SW1	SW2	F x 30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0339.01105	K0339.02105	K0339.03105	K0339.04105	5	M10x1	21	47	17	7	15	5	13	-17 -17	1,3	5	12
K0339.01206	K0339.02206	K0339.03206	K0339.04206	6	M12x1,5	25	56	20	8	17	6	14	-19 -19	1,8	6	14
K0339.01308	K0339.02308	K0339.03308	K0339.04308	8	M16x1,5	33	74	26	10	23	8	19	-24 -24	2,3	15	35
K0339.01410	K0339.02410	K0339.03410	K0339.04410	10	M20x1,5	33	80	28	12	25	10	22	-30 -30	2,8	15	34

KIPP Indexing Plungers, pull knob, stainless steel, locking pin not hardened, metric

Item No. Style A	Item No. Style B	Item No. Style C	Item No. Style D	D	D1	D2	L	L1	L2	L3	H	SW1	SW2	F x 30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0339.11105	K0339.12105	K0339.13105	K0339.14105	5	M10x1	21	47	17	7	15	5	13	-17 -17	1,3	5	12
K0339.11206	K0339.12206	K0339.13206	K0339.14206	6	M12x1,5	25	56	20	8	17	6	14	-19 -19	1,8	6	14
K0339.11308	K0339.12308	K0339.13308	K0339.14308	8	M16x1,5	33	74	26	10	23	8	19	-24 -24	2,3	15	35
K0339.11410	K0339.12410	K0339.13410	K0339.14410	10	M20x1,5	33	80	28	12	25	10	22	-30 -30	2,8	15	34

Indexing Plungers

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Parts



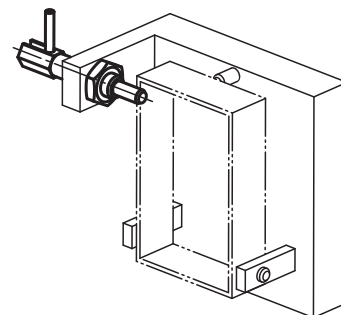
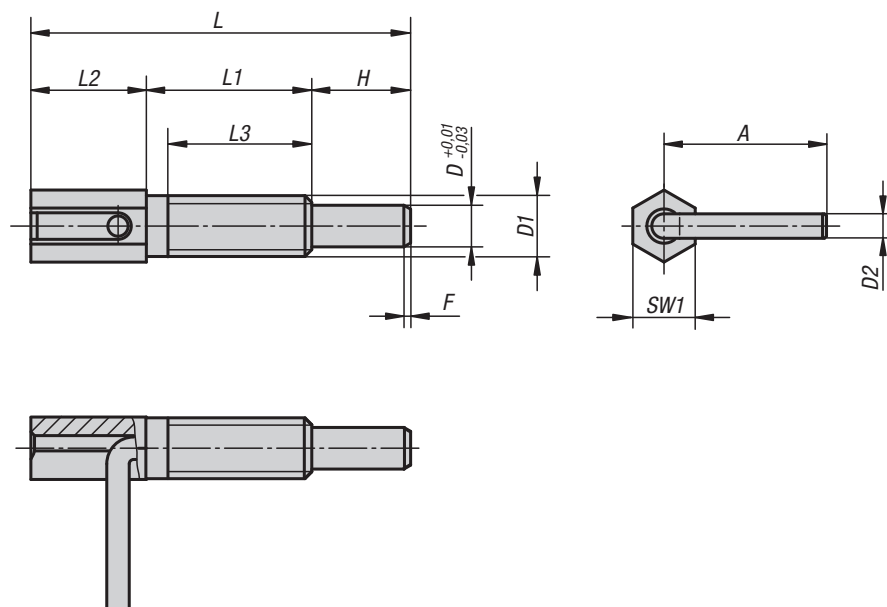
Material:
Steel quality class 5.8

Type:
Blue chromate.

Part Number Example:
K0340.11CWA2

Note:
Indexing plungers are used to prevent any change in locking position due to lateral forces. A new locking position can only be set after the pin has been manually disengaged.

On request:
Special versions.



KIPP Indexing Plungers, inch (dimensions in inch)

Item No.	D	D1	D2	L	L1	L2	L3	H	A	SW1	F x 30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Max. tightening torque Nm
K0340.11CWA2	.16	1/4-20	.09	1.63	.79	.47	.63	.37	.61	.25	.7	3	10	1.6
K0340.12CMA4	.25	3/8-16	.14	2.56	1.31	.69	1.06	.56	.92	.38	1.1	4	16	10
K0340.13CNA5	.31	1/2-13	.19	2.87	1.25	.87	1.13	.75	1.23	.5	1.3	4	22	13
K0340.14COA6	.38	5/8-11	.19	4.05	1.99	1.06	1.75	1	1.29	.63	1.6	4	23	42

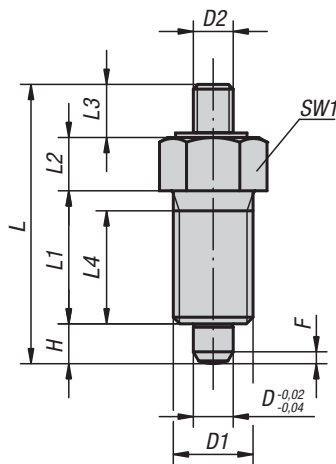
KIPP Indexing Plungers, metric (dimensions in metric)

Item No.	D	D1	D2	L	L1	L2	L3	H	A	SW1	F x 30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Max. tightening torque Nm
K0340.1104	4	M6	2,3	41,5	20	12	17	9,5	15,5	6	0,7	3	10	1,6
K0340.1905	5	M8	3	54	27	15	24	12	19,2	8	0,9	3,5	13,5	4,5
K0340.1206	6	M10	3,5	65	33,5	17,5	30	14	22,9	10	1,1	4	16	10
K0340.1308	8	M12	4,7	73	31,8	22,2	28	19	31,2	12	1,3	4	22	13
K0340.1410	10	M16	4,7	102,5	50,5	27	44,5	25	32,7	16	1,6	4	23	42

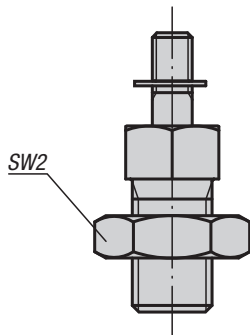
Indexing Plungers

threaded pin

INCH
Parts



Style E
with threaded pin
without locknut



Style F
with threaded pin
with locknut

Material:

- Steel version, locking pin hardened: quality class 5.8
- Stainless steel version, locking pin hardened: threaded sleeve 1.4305 locking pin 1.4034
- Stainless steel version, locking pin not hardened: threaded sleeve 1.4305 locking pin 1.4305

Type:

- Steel version, locking pin hardened: black oxide finish, locking pin ground
- Stainless steel version, locking pin hardened: natural finish, locking pin ground
- Stainless steel version, locking pin not hardened: natural finish, locking pin ground

Part Number Example:

K0341.1903AJ

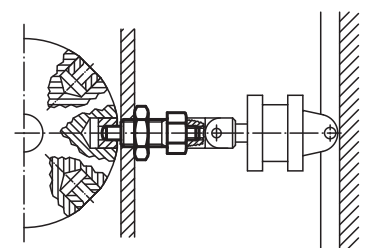
Note:

Indexing plungers are used to prevent any change in locking position due to lateral forces. A new locking position can only be set after the pin has been disengaged. Special grips can be fitted on the threaded head. This pin is also suitable for automatic actuation e.g. program controlled pneumatic cylinder or by remote control using bowden cables.

On request:

Special versions and spacer rings.

Application Diagram



Indexing Plungers

threaded pin



KIPP Indexing Plungers, threaded pin, steel, locking pin hardened, inch

Item No. Style E	Item No. Style F	D	D1	D2	L	L1	L2	L3	L4	H	SW1	SW2	F x 30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0341.1903AJ	K0341.2903AJ	3	1/4-28	M2	24	12	5	3.5	10	3.5	8	- 7/16	.8	4.5	10
K0341.1004AK	K0341.2004AK	4	5/16-24	M3	32	15	6	7	13	4	10	- 1/2	1	6	12
K0341.1105AL	K0341.2105AL	5	3/8-24	M4	37	17	7	8	15	5	13	- 9/16	1.3	5	12
K0341.1206A5	K0341.2206A5	6	1/2-13	M6	42	20	8	8	17	6	14	- 3/4	1.8	6	14
K0341.1308A6	K0341.2308A6	8	5/8-11	M8	56	26	10	12	23	8	19	- 15/16	2.3	15	35
K0341.1410A7	K0341.2410A7	10	3/4-10	M8	62	28	12	12	25	10	22	- 1 1/8	2.8	15	34
K0341.1412A0	K0341.2412A0	12	3/4-16	M8	66	28	14	12	25	12	22	- 1 1/8	2.8	15	39
K0341.1516A8	K0341.2516A8	16	1"-8	M10	80	32	18	14	28	16	27	- 1 1/2	3.2	20	46

KIPP Indexing Plungers, threaded pin, stainless steel, locking pin hardened, inch

Item No. Style E	Item No. Style F	D	D1	D2	L	L1	L2	L3	L4	H	SW1	SW2	F x 30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0341.01903AJ	K0341.02903AJ	3	1/4-28	M2	24	12	5	3.5	10	3.5	8	- 7/16	.8	4.5	10
K0341.01004AK	K0341.02004AK	4	5/16-24	M3	32	15	6	7	13	4	10	- 1/2	1	6	12
K0341.01105AL	K0341.02105AL	5	3/8-24	M4	37	17	7	8	15	5	13	- 9/16	1.3	5	12
K0341.01206A5	K0341.02206A5	6	1/2-13	M6	42	20	8	8	17	6	14	- 3/4	1.8	6	14
K0341.01308A6	K0341.02308A6	8	5/8-11	M8	56	26	10	12	23	8	19	- 15/16	2.3	15	35
K0341.01410A7	K0341.02410A7	10	3/4-10	M8	62	28	12	12	25	10	22	- 1 1/8	2.8	15	34
K0341.01412A0	K0341.02412A0	12	3/4-16	M8	66	28	14	12	25	12	22	- 1 1/8	2.8	15	39
K0341.01516A8	K0341.02516A8	16	1"-8	M10	80	32	18	14	28	16	27	- 1 1/2	3.2	20	46

KIPP Indexing Plungers, threaded pin, stainless steel, locking pin not hardened, inch

Item No. Style E	Item No. Style F	D	D1	D2	L	L1	L2	L3	L4	H	SW1	SW2	F x 30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0341.11903AJ	K0341.12903AJ	3	1/4-28	M2	24	12	5	3.5	10	3.5	8	- 7/16	.8	4.5	10
K0341.11004AK	K0341.12004AK	4	5/16-24	M3	32	15	6	7	13	4	10	- 1/2	1	6	12
K0341.11105AL	K0341.12105AL	5	3/8-24	M4	37	17	7	8	15	5	13	1.3 9/16	1.3	5	12
K0341.11206A5	K0341.12206A5	6	1/2-13	M6	42	20	8	8	17	6	14	6 3/4	1.8	6	14
K0341.11308A6	K0341.12308A6	8	5/8-11	M8	56	26	10	12	23	8	19	2.3 15/16	2.3	15	35
K0341.11410A7	K0341.12410A7	10	3/4-10	M8	62	28	12	12	25	10	22	15 1 1/8	2.8	15	34
K0341.11412A0	K0341.12412A0	12	3/4-16	M8	66	28	14	12	25	12	22	- 1 1/8	2.8	15	39
K0341.11516A8	K0341.12516A8	16	1"-8	M10	80	32	18	14	28	16	27	- 1 1/2	3.2	20	46

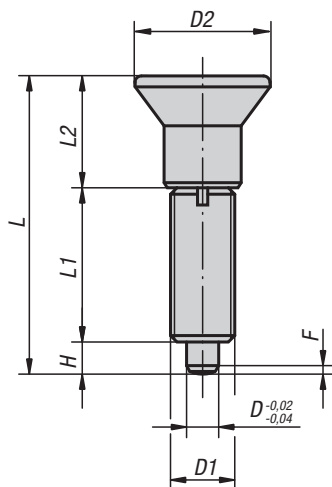
Indexing Plungers

without collar

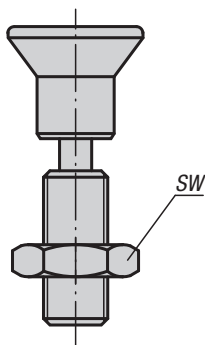
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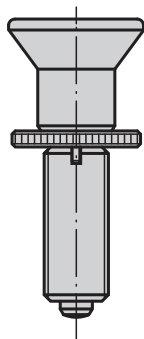
Style G
without locknut



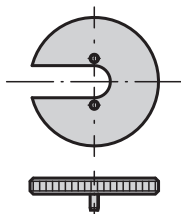
Style H
with locknut



with screw-in washer



screw-in washer



Material:

- Steel version, locking pin hardened: quality class 5.8
- Stainless steel version, locking pin hardened: threaded sleeve 1.4305 locking pin 1.4034
- Stainless steel version, locking pin not hardened: threaded sleeve 1.4305 locking pin 1.4305

Mushroom knob in black gray thermoplastic

Type:

- Steel version, locking pin hardened: black oxide finish, locking pin ground
- Stainless steel version, locking pin hardened: natural finish, locking pin ground
- Stainless steel version, locking pin not hardened: natural finish, locking pin ground

Part Number Example:

K0343.1903AJ

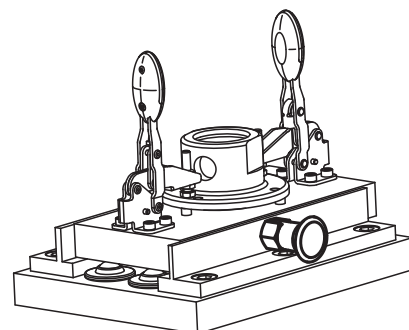
Note:

Indexing plungers are used to prevent any change in locking position due to lateral forces. A new locking position can only be set after the pin has been manually disengaged.

A washer is available to aid by screwing in the indexing plungers. The washer slides beneath the mushroom knob so that the carrier pins engage in the slot.

On request:

Special versions.



Indexing Plungers

without collar



KIPP Indexing Plungers without collar, in steel, locking pin hardened, inch

Item No. Style G	Item No. Style H	D	D1	D2	L	L1	L2	H	SW	F x 30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Item No. screw-in washer
K0343.1903AJ	K0343.2903AJ	3	1/4-28	14	31.5	17	11	3.5	- 7/16	.8	4.5	10	K0344.99
K0343.1004AK	K0343.2004AK	4	5/16-24	18	38.5	21	13.5	4	- 1/2	1.3	6	12	K0344.90
K0343.1105AL	K0343.2105AL	5	3/8-24	21	43.5	24	14.5	5	- 9/16	1.3	5	12	K0344.91
K0343.1206A5	K0343.2206A5	6	1/2-13	25	51.7	28	17.7	6	- 3/4	1.8	6	14	K0344.92
K0343.1308A6	K0343.2308A6	8	5/8-11	33	68	36	24	8	- 15/16	2.3	15	35	K0344.93
K0343.1410A7	K0343.2410A7	10	3/4-10	33	74	40	24	10	- 1 1/8	2.8	15	34	K0344.94
K0343.1412A0	K0343.2412A0	12	3/4-16	33	78	42	24	12	- 1 1/8	2.8	15	39	K0344.94
K0343.1516A8	K0343.2516A8	16	1"-8	40	96	50	30	16	- 1 1/2	3.2	20	46	K0344.95

KIPP Indexing Plungers without collar, in stainless steel, locking pin hardened, inch

Item No. Style G	Item No. Style H	D	D1	D2	L	L1	L2	H	SW	F x 30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Item No. screw-in washer
K0343.01903AJ	K0343.02903AJ	3	1/4-28	14	31.5	17	11	3.5	- 7/16	.8	4.5	10	K0344.99
K0343.01004AK	K0343.02004AK	4	5/16-24	18	38.5	21	13.5	4	- 1/2	1.3	6	12	K0344.90
K0343.01105AL	K0343.02105AL	5	3/8-24	21	43.5	24	14.5	5	- 9/16	1.3	5	12	K0344.91
K0343.01206A5	K0343.02206A5	6	1/2-13	25	51.7	28	17.7	6	- 3/4	1.8	6	14	K0344.92
K0343.01308A6	K0343.02308A6	8	5/8-11	33	68	36	24	8	- 15/16	2.3	15	35	K0344.93
K0343.01410A7	K0343.02410A7	10	3/4-10	33	74	40	24	10	- 1 1/8	2.8	15	34	K0344.94
K0343.01412A0	K0343.02412A0	12	3/4-16	33	78	42	24	12	- 1 1/8	2.8	15	39	K0344.94
K0343.01516A8	K0343.02516A8	16	1"-8	40	96	50	30	16	- 1 1/2	3.2	20	46	K0344.95

KIPP Indexing Plungers without collar, in stainless steel, locking pin not hardened, inch

Item No. Style G	Item No. Style H	D	D1	D2	L	L1	L2	H	SW	F x 30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Item No. screw-in washer
K0343.11903AJ	K0343.12903AJ	3	1/4-28	14	31.5	17	11	3.5	- 7/16	.8	4.5	10	K0344.99
K0343.11004AK	K0343.12004AK	4	5/16-24	18	38.5	21	13.5	4	- 1/2	1.3	6	12	K0344.90
K0343.11105AL	K0343.12105AL	5	3/8-24	21	43.5	24	14.5	5	- 9/16	1.3	5	12	K0344.91
K0343.11206A5	K0343.12206A5	6	1/2-13	25	51.7	28	17.7	6	- 3/4	1.8	6	14	K0344.92
K0343.11308A6	K0343.12308A6	8	5/8-11	33	68	36	24	8	- 15/16	2.3	15	35	K0344.93
K0343.11410A7	K0343.12410A7	10	3/4-10	33	74	40	24	10	- 1 1/8	2.8	15	34	K0344.94
K0343.11412A0	K0343.12412A0	12	3/4-16	33	78	42	24	12	- 1 1/8	2.8	15	39	K0344.94
K0343.11516A8	K0343.12516A8	16	1"-8	40	96	50	30	16	- 1 1/2	3.2	20	46	K0344.95

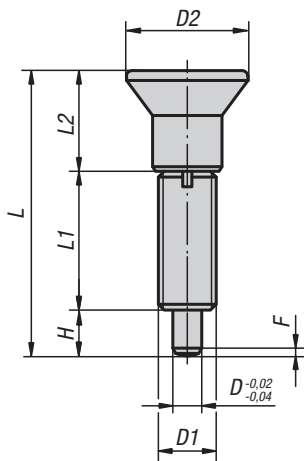
Indexing Plungers

without collar with extended locking pin

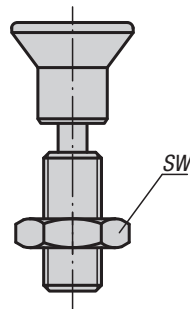
INCH
Parts



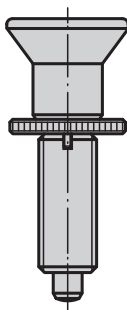
Style G
without locknut



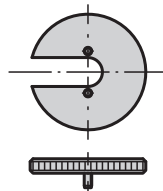
Style H
with locknut



with screw-in washer



screw-in washer



Material:

- Steel version, locking pin hardened: quality class 5.8
- Stainless steel version, locking pin hardened: threaded sleeve 1.4305 locking pin 1.4034
- Stainless steel version, locking pin not hardened: threaded sleeve 1.4305 locking pin 1.4305

Mushroom knob in black gray thermoplastic

Type:

- Steel version, locking pin hardened: black oxide finish, locking pin ground
- Stainless steel version, locking pin hardened: natural finish, locking pin ground
- Stainless steel version, locking pin not hardened: natural finish, locking pin ground

Part Number Example:

K0633.21903AJ

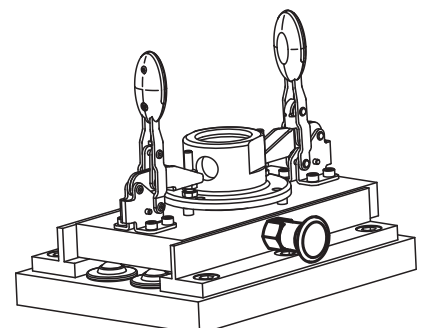
Note:

Indexing plungers are used to prevent any change in locking position due to lateral forces. A new locking position can only be set after the pin has been manually disengaged.

A washer is available to aid by screwing in the indexing plungers. The washer slides beneath the mushroom knob so that the carrier pins engage in the slot.

On request:

Special versions.



Indexing Plungers

without collar with extended locking pin

KIPP Indexing Plungers without collar and extended locking pin, in steel, locking pin hardened, inch

Item No. Style G	Item No. Style H	D	D1	D2	L	L1	L2	H	SW	F x 30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Item No. screw-in washer
K0633.21903AJ	K0633.22903AJ	3	1/4-28	14	33	17	11	5	- 1 7/16	.8	4.5	12	K0344.99
K0633.21004AK	K0633.22004AK	4	5/16-24	18	40.5	21	13.5	6	- 1 1/2	1	6	15	K0344.90
K0633.21105AL	K0633.22105AL	5	3/8-24	21	46.5	24	14.5	8	- 1 9/16	1.3	5	16	K0344.91
K0633.21206A5	K0633.22206A5	6	1/2-13	25	54.7	28	17.7	9	- 1 3/4	1.8	6	18	K0344.92
K0633.21308A6	K0633.22308A6	8	5/8-11	33	72	36	24	12	- 1 15/16	2.3	15	45	K0344.93
K0633.21410A7	K0633.22410A7	10	3/4-10	33	79	40	24	15	- 1 1 1/8	2.8	15	43	K0344.94
K0633.21412A0	K0633.22412A0	12	3/4-16	33	84	42	24	18	- 1 1 1/8	2.8	15	51	K0344.94
K0633.21516A8	K0633.22516A8	16	1"-8	40	104	50	30	24	- 1 1 1/2	3.2	20	60	K0344.95

KIPP Indexing Plungers without collar and extended locking pin, in stainless steel, locking pin hardened, inch

Item No. Style G	Item No. Style H	D	D1	D2	L	L1	L2	H	SW	F x 30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Item No. screw-in washer
K0633.201903AJ	K0633.202903AJ	3	1/4-28	14	33	17	11	5	- 1 7/16	.8	4.5	12	K0344.99
K0633.201004AK	K0633.202004AK	4	5/16-24	18	40.5	21	13.5	6	- 1 1/2	1	6	15	K0344.90
K0633.201105AL	K0633.202105AL	5	3/8-24	21	46.5	24	14.5	8	- 1 9/16	1.3	5	16	K0344.91
K0633.201206A5	K0633.202206A5	6	1/2-13	25	54.7	28	17.7	9	- 1 3/4	1.8	6	18	K0344.92
K0633.201308A6	K0633.202308A6	8	5/8-11	33	72	36	24	12	- 1 15/16	2.3	15	45	K0344.93
K0633.201410A7	K0633.202410A7	10	3/4-10	33	79	40	24	15	- 1 1 1/8	2.8	15	43	K0344.94
K0633.201412A0	K0633.202412A0	12	3/4-16	33	84	42	24	18	- 1 1 1/8	2.8	15	51	K0344.94
K0633.201516A8	K0633.202516A8	16	1"-8	40	104	50	30	24	- 1 1 1/2	3.2	20	60	K0344.95

KIPP Indexing Plungers without collar and extended locking pin, in stainless steel, locking pin not hardened, inch

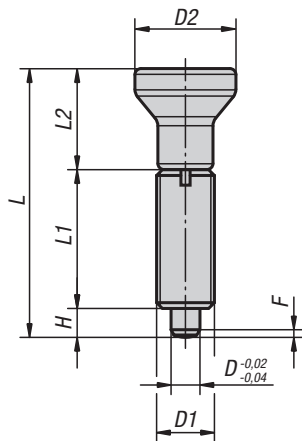
Item No. Style G	Item No. Style H	D	D1	D2	L	L1	L2	H	SW	F x 30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Item No. screw-in washer
K0633.211903AJ	K0633.212903AJ	3	1/4-28	14	33	17	11	5	- 1 7/16	.8	4.5	12	K0344.99
K0633.211004AK	K0633.212004AK	4	5/16-24	18	40.5	21	13.5	6	- 1 1/2	1	6	15	K0344.90
K0633.211105AL	K0633.212105AL	5	3/8-24	21	46.5	24	14.5	8	- 1 9/16	1.3	5	16	K0344.91
K0633.211206A5	K0633.212206A5	6	1/2-13	25	54.7	28	17.7	9	- 1 3/4	1.8	6	18	K0344.92
K0633.211308A6	K0633.212308A6	8	5/8-11	33	72	36	24	12	- 1 15/16	2.3	15	45	K0344.93
K0633.211410A7	K0633.212410A7	10	3/4-10	33	79	40	24	15	- 1 1 1/8	2.8	15	43	K0344.94
K0633.211412A0	K0633.212412A0	12	3/4-16	33	84	42	24	18	- 1 1 1/8	2.8	15	51	K0344.94
K0633.211516A8	K0633.212516A8	16	1"-8	40	104	50	30	24	- 1 1 1/2	3.2	20	60	K0344.95

Indexing Plungers

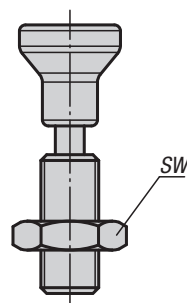
without collar, stainless steel



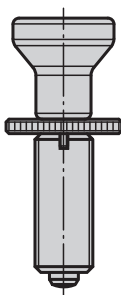
Style G
without locknut



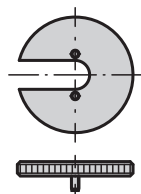
Style H
with locknut



with screw-in washer



screw-in washer



Material:

- Locking pin hardened:
threaded sleeve 1.4305 locking pin 1.4034
- Locking pin not hardened:
threaded sleeve 1.4305
locking pin 1.4305

Mushroom knob 1.4305, electrolytic-polish

Type:

Natural finish; locking pin ground

Part Number Example:

K0634.001903AJ

Note:

Indexing plungers are used to prevent any change in locking position due to lateral forces. A new locking position can only be set after the bolt has been manually disengaged.

In order to screw in the Indexing Plungers, a screw-in washer can be supplied. The washer is slid beneath the disengaged mushroom knob so that the follower pins engage in the slot.

On request:

Special versions.

KIPP Indexing Plungers, without collar, in stainless steel, locking pin hardened, inch

Item No. Style G	Item No. Style H	D	D1	D2	L	L1	L2	H	SW	F x 30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Item No. screw-in washer
K0634.001903AJ	K0634.002903AJ	3	1/4-28	14	34,5	17	14	3,5	- 1 7/16	0,8	4.5	10	K0344.99
K0634.001004AK	K0634.002004AK	4	5/16-24	18	43	21	18	4	- 1 1/2	1	6	12	K0344.90
K0634.001105AL	K0634.002105AL	5	3/8-24	21	50	24	21	5	- 1 9/16	1,3	5	12	K0344.91
K0634.001206A5	K0634.002206A5	6	1/2-13	25	59	28	25	6	- 1 3/4	1,8	6	14	K0344.92
K0634.001308A6	K0634.002308A6	8	5/8-11	33	77	36	33	8	- 1 5/8	2,3	15	35	K0344.93
K0634.001410A7	K0634.002410A7	10	3/4-10	33	83	40	33	10	- 1 1/8	2,6	15	34	K0344.94
K0634.001412A0	K0634.002412A0	12	3/4-16	33	87	42	33	12	- 1 1/8	2,8	15	39	K0344.94
K0634.001516A8	K0634.002516A8	16	1"-8	40	106	50	40	16	- 1 1/2	3,2	20	46	K0344.95

Indexing Plungers

without collar, stainless steel

KIPP Indexing Plungers, without collar, in stainless steel, locking pin not hardened, inch

Item No. Style G	Item No. Style H	D	D1	D2	L	L1	L2	H	SW	F x 30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Item No. screw-in washer
K0634.111903AJ	K0634.112903AJ	3	1/4-28	14	34,5	17	14	3,5	- 7/16	0,8	4,5	10	K0344.99
K0634.111004AK	K0634.112004AK	4	5/16-24	18	43	21	18	4	- 1/2	1	6	12	K0344.90
K0634.111105AL	K0634.112105AL	5	3/8-24	21	50	24	21	5	- 9/16	1,3	5	12	K0344.91
K0634.111206A5	K0634.112206A5	6	1/2-13	25	59	28	25	6	- 3/4	1,8	6	14	K0344.92
K0634.111308A6	K0634.112308A6	8	5/8-11	33	77	36	33	8	- 15/16	2,3	15	35	K0344.93
K0634.111410A7	K0634.112410A7	10	3/4-10	33	83	40	33	10	- 1 1/8	2,6	15	34	K0344.94
K0634.111412A0	K0634.112412A0	12	3/4-16	33	87	42	33	12	- 1 1/8	2,8	15	39	K0344.94
K0634.111516A8	K0634.112516A8	16	1"-8	40	106	50	40	16	- 1 1/2	3,2	20	46	K0344.95

KIPP Indexing Plungers, without collar, in stainless steel, locking pin hardened, metric

Item No. Style G	Item No. Style H	D	D1	D2	L	L1	L2	H	SW	F x 30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Item No. screw-in washer
K0634.001903	K0634.002903	3	M6x0,75	14	34,5	17	14	3,5	- / 10	0,8	4,5	10	K0344.99
K0634.001004	K0634.002004	4	M8x1	18	43	21	18	4	- / 13	1	6	12	K0344.90
K0634.001105	K0634.002105	5	M10x1	21	50	24	21	5	- / 17	1,3	5	12	K0344.91
K0634.001206	K0634.002206	6	M12x1,5	25	59	28	25	6	- / 19	1,8	6	14	K0344.92
K0634.001308	K0634.002308	8	M16x1,5	33	77	36	33	8	- / 24	2,3	15	35	K0344.93
K0634.001410	K0634.002410	10	M20x1,5	33	83	40	33	10	- / 30	2,8	15	34	K0344.94
K0634.001412	K0634.002412	12	M20x1,5	33	87	42	33	12	- / 30	2,8	15	39	K0344.94
K0634.001516	K0634.002516	16	M24x2	40	106	50	40	16	- / 36	3,2	20	46	K0344.95

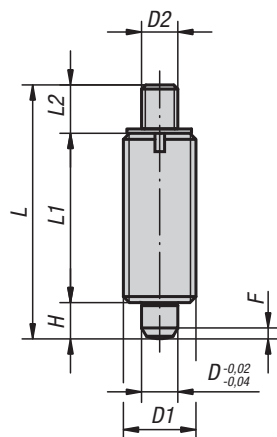
KIPP Indexing Plungers, without collar, in stainless steel, locking pin not hardened, metric

Item No. Style G	Item No. Style H	D	D1	D2	L	L1	L2	H	SW	F x 30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Item No. screw-in washer
K0634.111903	K0634.112903	3	M6x0,75	14	34,5	17	14	3,5	- / 10	0,8	4,5	10	K0344.99
K0634.111004	K0634.112004	4	M8x1	18	43	21	18	4	- / 13	1	6	12	K0344.90
K0634.111105	K0634.112105	5	M10x1	21	50	24	21	5	- / 17	1,3	5	12	K0344.91
K0634.111206	K0634.112206	6	M12x1,5	25	59	28	25	6	- / 19	1,8	6	14	K0344.92
K0634.111308	K0634.112308	8	M16x1,5	33	77	36	33	8	- / 24	2,3	15	35	K0344.93
K0634.111410	K0634.112410	10	M20x1,5	33	83	40	33	10	- / 30	2,8	15	34	K0344.94
K0634.111412	K0634.112412	12	M20x1,5	33	87	42	33	12	- / 30	2,8	15	39	K0344.94
K0634.111516	K0634.112516	16	M24x2	40	106	50	40	16	- / 36	3,2	20	46	K0344.95

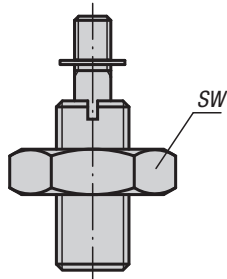
Indexing Plungers

without collar

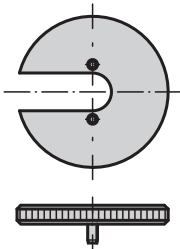
INCH
Parts



Style J
with threaded pin
without locknut



Style K
with threaded pin
with locknut



screw-in washer

Material:

- Steel version, locking pin hardened: quality class 5.8
- Stainless steel version, locking pin hardened: threaded sleeve 1.4305 locking pin 1.4034
- Stainless steel version, locking pin not hardened: threaded sleeve 1.4305 locking pin 1.4305

Type:

- Steel version, locking pin hardened: black oxide finish, locking pin ground
- Stainless steel version, locking pin hardened: natural finish, locking pin ground
- Stainless steel version, locking pin not hardened: natural finish, locking pin ground

Part Number Example:

K0345.1903AJ

Note:

Indexing Plungers are used to prevent any change in locking position due to lateral forces. A new locking position can only be set after the bolt has been disengaged.

Special grips can be fitted on the projecting threaded pin. This pin is also suitable for automatic actuation by e.g. program controlled pneumatic cylinder or by remote control using bowden cables.

A washer is available to aid screwing in the indexing plungers. The washer is placed on the threaded sleeve so that the carrier pins engage in the slot.

On request:

Special versions.

Indexing Plungers

without collar



KIPP Indexing Plungers, without collar, threaded pin, steel, locking pin hardened, inch

Item No. Style J	Item No. Style K	D	D1	D2	L	L1	L2	H	SW	F x 30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Item No. screw-in washer
K0345.1903AJ	K0345.2903AJ	3	1/4-28	M2	24	17	3.5	3.5	- 7/16	.8	4.5	10	K0344.99
K0345.1004AK	K0345.2004AK	4	5/16-24	M3	32	21	7	4	- 1/2	1	6	12	K0344.90
K0345.1105AL	K0345.2105AL	5	3/8-24	M4	37	24	8	5	- 9/16	1.3	5	12	K0344.91
K0345.1206A5	K0345.2206A5	6	1/2-13	M6	42	28	8	6	- 3/4	1.8	6	14	K0344.92
K0345.1308A6	K0345.2308A6	8	5/8-11	M8	56	36	12	8	- 15/16	2.3	15	35	K0344.93
K0345.1410A7	K0345.2410A7	10	3/4-10	M8	62	40	12	10	- 1 1/8	2.8	15	34	K0344.94
K0345.1412A0	K0345.2412A0	12	3/4-16	M8	66	42	12	12	- 1 1/8	2.8	15	39	K0344.94
K0345.1516A8	K0345.2516A8	16	1"-8	M10	80	50	14	16	- 1 1/2	3.2	20	46	K0344.95

KIPP Indexing Plungers, without collar, threaded pin, stainless steel, locking pin hardened, inch

Item No. Style J	Item No. Style K	D	D1	D2	L	L1	L2	H	SW	F x 30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Item No. screw-in washer
K0345.01903AJ	K0345.02903AJ	3	1/4-28	M2	24	17	3.5	3.5	- 7/16	.8	4.5	10	K0344.99
K0345.01004AK	K0345.02004AK	4	5/16-24	M3	32	21	7	4	- 1/2	1	6	12	K0344.90
K0345.01105AL	K0345.02105AL	5	3/8-24	M4	37	24	8	5	- 9/16	1.3	5	12	K0344.91
K0345.01206A5	K0345.02206A5	6	1/2-13	M6	42	28	8	6	- 3/4	1.8	6	14	K0344.92
K0345.01308A6	K0345.02308A6	8	5/8-11	M8	56	36	12	8	- 15/16	2.3	15	35	K0344.93
K0345.01410A7	K0345.02410A7	10	3/4-10	M8	62	40	12	10	- 1 1/8	2.8	15	34	K0344.94
K0345.01412A0	K0345.02412A0	12	3/4-16	M8	66	42	12	12	- 1 1/8	2.8	15	39	K0344.94
K0345.01516A8	K0345.02516A8	16	1"-8	M10	80	50	14	16	- 1 1/2	3.2	20	46	K0344.95

KIPP Indexing Plungers, without collar, threaded pin, stainless steel, locking pin not hardened, inch

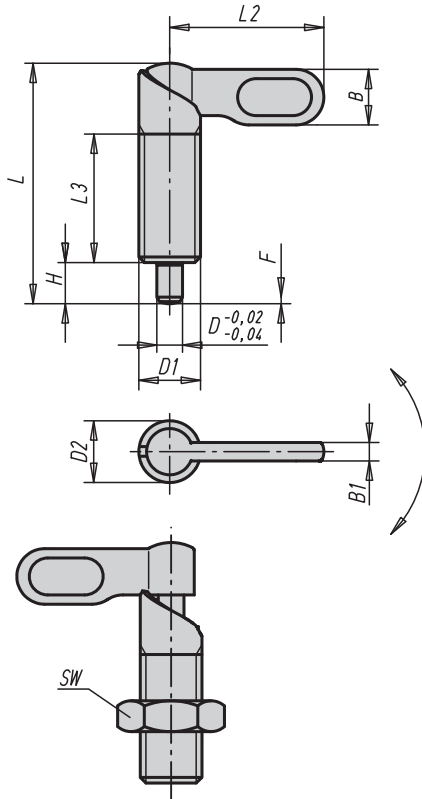
Item No. Style J	Item No. Style K	D	D1	D2	L	L1	L2	H	SW	F x 30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N	Item No. screw-in washer
K0345.11903AJ	K0345.12903AJ	3	1/4-28	M2	24	17	3.5	3.5	- 7/16	.8	4.5	10	K0344.99
K0345.11004AK	K0345.12004AK	4	5/16-24	M3	32	21	7	4	- 1/2	1	6	12	K0344.90
K0345.11105AL	K0345.12105AL	5	3/8-24	M4	37	24	8	5	- 9/16	1.3	5	12	K0344.91
K0345.11206A5	K0345.12206A5	6	1/2-13	M6	42	28	8	6	- 3/4	1.8	6	14	K0344.92
K0345.11308A6	K0345.12308A6	8	5/8-11	M8	56	36	12	8	- 15/16	2.3	15	35	K0344.93
K0345.11410A7	K0345.12410A7	10	3/4-10	M8	62	40	12	10	- 1 1/8	2.8	15	34	K0344.94
K0345.11412A0	K0345.12412A0	12	3/4-16	M8	66	42	12	12	- 1 1/8	2.8	15	39	K0344.94
K0345.11516A8	K0345.12516A8	16	1"-8	M10	80	50	14	16	- 1 1/2	3.2	20	46	K0344.95

Cam Action Indexing Plungers



INCH
Parts

METRIC
Parts



Style C
grip powder-coated
without nut

Style D
grip powder-coated
with nut



Material:
Steel quality class 5.8

Type:
Black oxide finish.
Pin hardened and ground.

Part Number Example:
K0348.0604A4

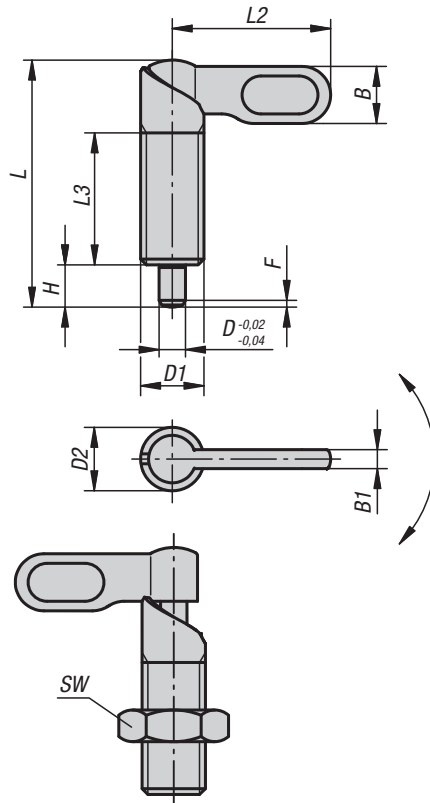
Note:
Cam Action Indexing Plungers are used when the indexing pin should not project all the time. Turning the handle through 180° pulls in the pin. A notch ensures that the handle remains in this position.

KIPP Cam Action Indexing Plungers, inch

Item No. Style C	Item No. Style D	D	D1	D2	L	L2	L3	B	B1	H	SW	F x 30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0348.0604A4	K0348.0704A4	4	3/8-16	10	38	25	20	9	3	6	- 1/9/16	1	8	14
K0348.0605A4	K0348.0705A4	5	3/8-16	10	38	25	20	9	3	6	- 1/9/16	1.3	8	14
K0348.0606A4	K0348.0706A4	6	3/8-16	10	38	25	20	9	3	6	- 1/9/16	1.8	8	14
K0348.0604AL	K0348.0704AL	4	3/8-24	10	38	25	20	9	3	6	- 1/9/16	1	8	14
K0348.0605AL	K0348.0705AL	5	3/8-24	10	38	25	20	9	3	6	- 1/9/16	1.3	8	14
K0348.0606AL	K0348.0706AL	6	3/8-24	10	38	25	20	9	3	6	- 1/9/16	1.8	8	14
K0348.0605A5	K0348.0705A5	5	1/2-13	12	46.8	30	25	10.8	3.6	8	- 1/3/4	1.3	8	15
K0348.0606A5	K0348.0706A5	6	1/2-13	12	46.8	30	25	10.8	3.6	8	- 1/3/4	1.8	8	15
K0348.0608A5	K0348.0708A5	8	1/2-13	12	46.8	30	25	10.8	3.6	8	- 1/3/4	2.3	8	15
K0348.0605AM	K0348.0705AM	5	1/2-20	12	46.8	30	25	10.8	3.6	8	- 1/3/4	1.3	8	15
K0348.0606AM	K0348.0706AM	6	1/2-20	12	46.8	30	25	10.8	3.6	8	- 1/3/4	1.8	8	15
K0348.0608AM	K0348.0708AM	8	1/2-20	12	46.8	30	25	10.8	3.6	8	- 1/3/4	2.3	8	15
K0348.0606A6	K0348.0706A6	6	5/8-11	16	60.4	40	32	14.4	4.8	10	- 1/15/16	1.8	15	35
K0348.0608A6	K0348.0708A6	8	5/8-11	16	60.4	40	32	14.4	4.8	10	- 1/15/16	2.3	15	35
K0348.0610A6	K0348.0710A6	10	5/8-11	16	60.4	40	32	14.4	4.8	10	- 1/15/16	2.8	15	35
K0348.0606AN	K0348.0706AN	6	5/8-18	16	60.4	40	32	14.4	4.8	10	- 1/15/16	1.8	15	35
K0348.0608AN	K0348.0708AN	8	5/8-18	16	60.4	40	32	14.4	4.8	10	- 1/15/16	2.3	15	35
K0348.0610AN	K0348.0710AN	10	5/8-18	16	60.4	40	32	14.4	4.8	10	- 1/1-1/8	2.8	15	35
K0348.0608A7	K0348.0708A7	8	3/4-10	20	70	50	35	18	6	12	- 1/1-1/8	2.3	20	60
K0348.0610A7	K0348.0710A7	10	3/4-10	20	70	50	35	18	6	12	- 1/1-1/8	2.8	20	60
K0348.0612A7	K0348.0712A7	12	3/4-10	20	70	50	35	18	6	12	- 1/1-1/8	3	20	60
K0348.0608A0	K0348.0708A0	8	3/4-16	20	70	50	35	18	6	12	- 1/1-1/8	2.3	20	60
K0348.0610A0	K0348.0710A0	10	3/4-16	20	70	50	35	18	6	12	- 1/1-1/8	2.8	20	60
K0348.0612A0	K0348.0712A0	12	3/4-16	20	70	50	35	18	6	12	- 1/1-1/8	3	20	60

Cam Action Indexing Plungers

stainless steel



Style A
grip uncoated
without nut

Style B
grip uncoated
with nut



Material:

Stainless steel 1.4305.

Type:

Natural finish; pin ground, not hardened

Part Number Example:

K0637.10404A4

Note:

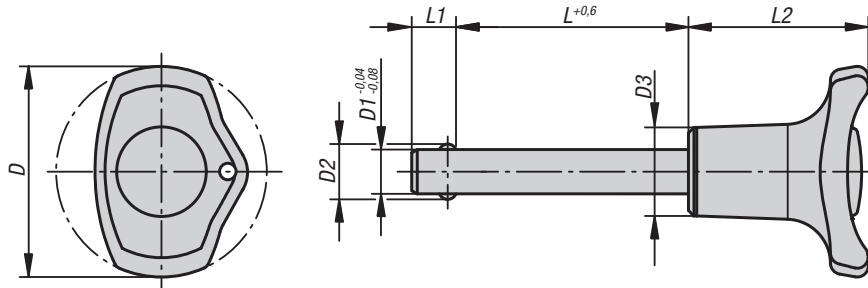
Cam Action Indexing Plungers are used when the locking pin should not project at certain times. Turning the bolt through 180° pulls in the locking pin. A locking notch ensures that the cam action indexing plunger is held in this position.

KIPP Cam Action Indexing Plungers in stainless steel, inch

Item No. Style A	Item No. Style B	D	D1	D2	L	L2	L3	B	B1	H	SW	F x 30°	Spring force initial pressure F1 approx. N	Spring force final pressure F2 approx. N
K0637.10404A4	K0637.10504A4	4	3/8-16	10	38	25	20	9	3	6	- 1/9/16	1	8	14
K0637.10405A4	K0637.10505A4	5	3/8-16	10	38	25	20	9	3	6	- 1/9/16	1.3	8	14
K0637.10406A4	K0637.10506A4	6	3/8-16	10	38	25	20	9	3	6	- 1/9/16	1.8	8	14
K0637.10404AL	K0637.10504AL	4	3/8-24	10	38	25	20	9	3	6	- 1/9/16	1	8	14
K0637.10405AL	K0637.10505AL	5	3/8-24	10	38	25	20	9	3	6	- 1/9/16	1.3	8	14
K0637.10406AL	K0637.10506AL	6	3/8-24	10	38	25	20	9	3	6	- 1/9/16	1.8	8	14
K0637.10405A5	K0637.10505A5	5	1/2-13	12	46.8	30	25	10.8	3.6	8	- 1/3/4	1.3	8	15
K0637.10406A5	K0637.10506A5	6	1/2-13	12	46.8	30	25	10.8	3.6	8	- 1/3/4	1.8	8	15
K0637.10408A5	K0637.10508A5	8	1/2-13	12	46.8	30	25	10.8	3.6	8	- 1/3/4	2.3	8	15
K0637.10405AM	K0637.10505AM	5	1/2-20	12	46.8	30	25	10.8	3.6	8	- 1/3/4	1.3	8	15
K0637.10406AM	K0637.10506AM	6	1/2-20	12	46.8	30	25	10.8	3.6	8	- 1/3/4	1.8	8	15
K0637.10408AM	K0637.10508AM	8	1/2-20	12	46.8	30	25	10.8	3.6	8	- 1/3/4	2.3	8	15
K0637.10406A6	K0637.10506A6	6	5/8-11	16	60.4	40	32	14.4	4.8	10	- 1/15/16	1.8	15	35
K0637.10408A6	K0637.10508A6	8	5/8-11	16	60.4	40	32	14.4	4.8	10	- 1/15/16	2.3	15	35
K0637.10410A6	K0637.10510A6	10	5/8-11	16	60.4	40	32	14.4	4.8	10	- 1/15/16	2.8	15	35
K0637.10406AN	K0637.10506AN	6	5/8-18	16	60.4	40	32	14.4	4.8	10	- 1/15/16	1.8	15	35
K0637.10408AN	K0637.10508AN	8	5/8-18	16	60.4	40	32	14.4	4.8	10	- 1/15/16	2.3	15	35
K0637.10410AN	K0637.10510AN	10	5/8-18	16	60.4	40	32	14.4	4.8	10	- 1/15/16	2.8	15	35
K0637.10408A7	K0637.10508A7	8	3/4-10	20	70	50	35	18	6	12	- 1/1-1/8	2.3	20	60
K0637.10410A7	K0637.10510A7	10	3/4-10	20	70	50	35	18	6	12	- 1/1-1/8	2.8	20	60
K0637.10412A7	K0637.10512A7	12	3/4-10	20	70	50	35	18	6	12	- 1/1-1/8	3	20	60
K0637.10408A0	K0637.10508A0	8	3/4-16	20	70	50	35	18	6	12	- 1/1-1/8	2.3	20	60
K0637.10410A0	K0637.10510A0	10	3/4-16	20	70	50	35	18	6	12	- 1/1-1/8	2.8	20	60
K0637.10412A0	K0637.10512A0	12	3/4-16	20	70	50	35	18	6	12	- 1/1-1/8	3	20	60

Ball Lock Pins

self locking



Material:

Grip and push button thermoplastic.
Steel parts stainless steel.

Type:

Grip, black.
Push button, red
Steel parts, natural finish.

Part Number Example:

K0363.3806050
(include length L e.g. 050 for L = 50 mm)

Note:

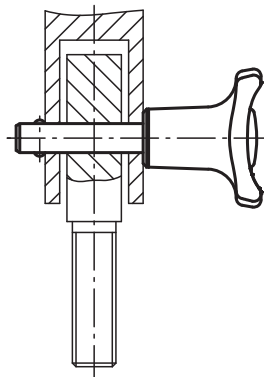
Ball Lock Pins allow instant bolting of two workpieces. Two spring pressure balls automatically lock the pin in place. Pressing the push button will release the ball and efficiently unlock the pin.

Shearing force double-edged (F) = $S \cdot \tau \cdot aB$ max.

Accessories:

Safety Helix Cable K0367.10200
Retaining Cable with eye K0367.....
Pin Retaining Ring K0367.15/19/23

Application Diagram



Part Number Example (inch):

Ball Lock Pin K0363.38CLL08
(include length L,
e.g. L08 for L = .5")

.5 = L08
.75 = L12
1 = L16
1.25 = L20
1.5 = L24
1.75 = L28
2 = L32
2.5 = L36
3 = L40

KIPP Ball Lock Pins, self-locking, inch

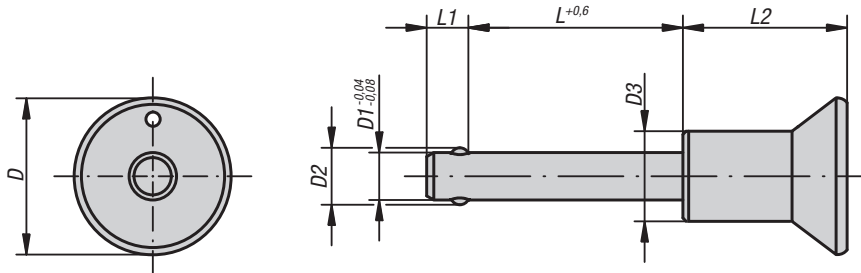
Item No.	D	D1	D2	D3	L	L1	L2	Receiving hole H11	Shearing force double shear max. kN
K0363.38CL***	38	3/16	5.25	16	.5/.75/1/1.25	6	32.5	3/16	13
K0363.38CM***	38	1/4	7.2	16	.5/.75/1/1.25/1.5/1.75/2	6.9	32.5	1/4	24
K0363.38CN***	38	5/16	9.5	16	1/1.25/1.5/1.75/2	7.9	32.5	5/16	38
K0363.47C0***	47	3/8	11.5	23	1/1.25/1.5/1.75/2	8.8	40	3/8	54
K0363.47CU***	47	7/16	13	23	1/1.25/1.5/1.75/2/2.5/3	9.7	40	7/16	74
K0363.47CP***	47	1/2	15	23	1/1.25/1.5/1.75/2/2.5/3	10	40	1/2	96
K0363.47CQ***	47	5/8	19	23	1/1.25/1.5/1.75/2/2.5/3	13.3	40	5/8	150

KIPP Ball Lock Pins, self-locking, metric

Item No.	D	D1	D2	D3	L	L1	L2	Receiving hole H11	Shearing force double shear max. kN
K0363.3805***	38	5	5,5	16	10/15/20/25/30	6	32,5	5	15
K0363.3806***	38	6	6,85	16	10/15/20/25/30/35/40/45/50	7	32,5	6	22
K0363.3808***	38	8	9,5	16	20/25/30/35/40/45/50	8	32,5	8	38
K0363.4710***	47	10	12	23	20/25/30/35/40/45/50/60	9	40	10	60
K0363.4712***	47	12	14,5	23	25/30/35/40/45/50/60/70/80	10	40	12	86
K0363.4716***	47	16	19	23	30/35/40/45/50/60/70/80	13	40	16	153

Ball Lock Pins

Button Head Style self-locking, stainless steel



Part Number Example (inch):

Ball Lock Pin K0364.23CLL08
(include length L,
e.g. L08 for L = .5")

.5 = L08
.75 = L12
1 = L16
1.25 = L20
1.5 = L24
1.75 = L28
2 = L32
2.5 = L36
3 = L40



Material:

Steel parts stainless steel.

Type:

Natural finish.

Part Number Example:

K0364.3110030
(include length L e.g. 030 for L = 30 mm.)

Note:

Ball Lock Pins allow instant bolting of two workpieces. Two spring pressure balls automatically lock the pin in place. Pressing the push button will release the ball and efficiently unlock the pin. Corrosion resistant. Heat resistance up to: +250 °C/+483 °F.

Shearing force double shear (F) = S · τ aB max.

Accessories:

Safety Helix Cable: K0367.10200

Pin Retaining Ring: K0367.15/19/23

Pin Retaining Cable with eye: K0367....

KIPP Ball Lock Pins, button head style, self-locking, stainless steel, inch

Item No.	D	D1	D2	D3	L	L1	L2	Receiving hole H11	Shearing force double shear max. kN
K0364.23CL***	25	3/16	5.25	14	.5/.75/1/1.25	6	26.5	3/16	13
K0364.23CM***	25	1/4	7.2	14	.5/.75/1/1.25/1.5/1.75/2	6.9	26.5	1/4	24
K0364.23CN***	25	5/16	9.5	14	1/1.25/1.5/1.75/2	7.9	26.5	5/16	38
K0364.31C0***	33	3/8	11.5	19	1/1.25/1.5/1.75/2	8.8	34.6	3/8	54
K0364.31CU***	33	7/16	13	19	1/1.25/1.5/1.75/2/2.5/3	9.7	34.6	7/16	74
K0364.31CP***	33	1/2	15	19	1/1.25/1.5/1.75/2/2.5/3	10	34.6	1/2	96
K0364.31CQ***	33	5/8	19	20	1/1.25/1.5/1.75/2/2.5/3	13.3	34.6	5/8	150

KIPP Ball Lock Pins, button head style, self-locking, stainless steel, metric

Item No.	D	D1	D2	D3	L	L1	L2	Receiving hole H11	Shearing force double shear max. kN
K0364.2305***	25	5	5,5	14	10/15/20/25/30	6	26,5	5	15
K0364.2306***	25	6	6,85	14	10/15/20/25/30/35/40/45/50	7	26,5	6	22
K0364.2308***	25	8	9,5	14	20/25/30/35/40/45/50	8	26,5	8	38
K0364.3110***	33	10	12	19	20/25/30/35/40/45/50/60	9	34,6	10	60
K0364.3112***	33	12	14,5	19	25/30/35/40/45/50/60/70/80	10	34,6	12	86
K0364.3116***	33	16	19	20	30/35/40/45/50/60/70/80	13,3	34,6	16	153

Reference Table - Conversion of Measurements



Pressure		
From	To	Conversion
psi	Kilopond/cm ² (kp/cm ²)	psi x 0.07031 = kp/cm ²
Kilopond/cm ² (kp/cm ²)	psi	kp/cm ² x 14.22 = psi
psi	Bar	psi x 0.07 = Bar
Bar	psi	Bar x 14.29 = psi

Linear Measure		
From	To	Conversion
Inch (in)	Millimeter (mm)	in x 25.4 = mm
Millimeter (mm)	Inch (in)	mm x 0.03937 = in
Zoll	Millimeter (mm)	Zoll x 25.4 = mm
Millimeter (mm)	Zoll	mm x 0.03937 = Zoll
Foot	Meter (m)	Foot x 0.3048 = m
Meter (m)	Foot	m x 3.281 = Foot
Yard	Meter (m)	Yard x 0.9144 = m
Meter (m)	Yard	m x 1.0936 = Yard
Miles (mls)	Kilometer (km)	mls x 1.609 = km
Kilometer (km)	Miles (mls)	km x 0.622 = mls

Forces		
From	To	Conversion
Pounds (lbs)	Newton (N)	lbs x 4.45 = N
Newton (N)	Pounds (lbs)	N x 0.225 = lbs
PS (horsepower)	Kilowatt (kW)	PS x 0.735 = kW
Kilowatt (kW)	PS (horsepower)	kW x 1.36 = PS

Weights		
From	To	Conversion
Pounds (lbs)	Kilopond/cm ² (kp/cm ²)	lbs x 0.45 = kp/cm ²
Kilopond/cm ² (kp/cm ²)	Pounds (lbs)	kp/cm ² x 2.2 = lbs
Ounces (oz)	Gramm (g)	oz x 28 = g
Gramm (g)	Ounces (oz)	g x 0.035 = oz
Pounds (lbs)	Kilogramm (kg)	lbs x 0.4536 = kg
Kilogramm (kg)	Pounds (lbs)	kg x 2.205 = lbs

Torque		
From	To	Conversion
Foot-pounds (ft-lbs)	Newton-Meter (Nm)	ft/lbs x 1.35 = Nm
Newton-Meter (Nm)	Foot-pounds (ft-lbs)	Nm x 0.74 = ft/lbs
Newton-Meter (Nm)	Kilopond/cm (kp/cm)	Nm x 0.102 = kp/cm

General Information about:

KIPP Clamping Tools

KIPP Operating Parts

Novo-Grip

Sympa Touch

KIPP Machine and Jig Devices



Materials:

POM = Polyoxymethylene - Delrin®

Deviating from the standard design, other materials and quality classes are available on request.

Surface finishes:

Other surface finishes are available at additional cost, e.g. matt-finished or high-polish chromium-plated steel parts.

Other colors are also available on request for plastic coatings or moulded plastic parts.

Threads:

Threads are manufactured to ISO DIN 13 medium tolerance class, i.e. 6H for nut threads and 6g for bolt threads. External threads up to 60 mm are generally supplied fully threaded. Screw lengths of 70 mm and more are supplied with 60 mm long threads.

Threads of aluminum grips:

Especially threads of aluminum grips cannot be true to gauge size due to final surface finish refinement and the removal of material during related pretreatment.

The majority of these threads are moulded in order to strengthen the material. As a result, the tearing resistance of aluminum for a thread with M5x10 is higher than 2000 N.

Special versions:

KIPP Clamp and Tension Levers can also be supplied on request with predrilled inserts, locating holes, locating bolts for pinning and other thread ends to DIN 78 (except for flat point) and to DIN 6332.

As a basic rule, you can rely on us as a competent partner for your daily clamping needs. We are always happy to advise you.

Thread Pitch Chart:

Metric Coarse Thread:

M3 X 0.5
M4 X 0.7
M5 X 0.8
M6 X 1.0
M8 X 1.25
M10 X 1.5
M12 X 1.75
M14 X 2.00
M16 X 2.00
M18 X 2.50
M20 X 2.50
M22 X 2.50
M24 X 3.00

Metric Fine Thread:

M3 X 0.35
M4 X 0.50
M5 X 0.50
M6 X 0.75
M8 X 1.00
M10 X 1.25
M12 X 1.50
M14 X 1.50
M16 X 1.50
M18 X 1.5
M20 X 1.5
M24 X 1.5
M24 X 2.0

Conversion Chart:

10mm = .39"
12mm = .47"
15mm = .59"
20mm = .79"
25mm = .98"
30mm = 1.18"
25mm = 1.38"
40mm = 1.57"
45mm = 1.77"
50mm = 1.97"
55mm = 2.17"
60mm = 2.36"
70mm = 2.76"
80mm = 3.15"
90mm = 3.54"