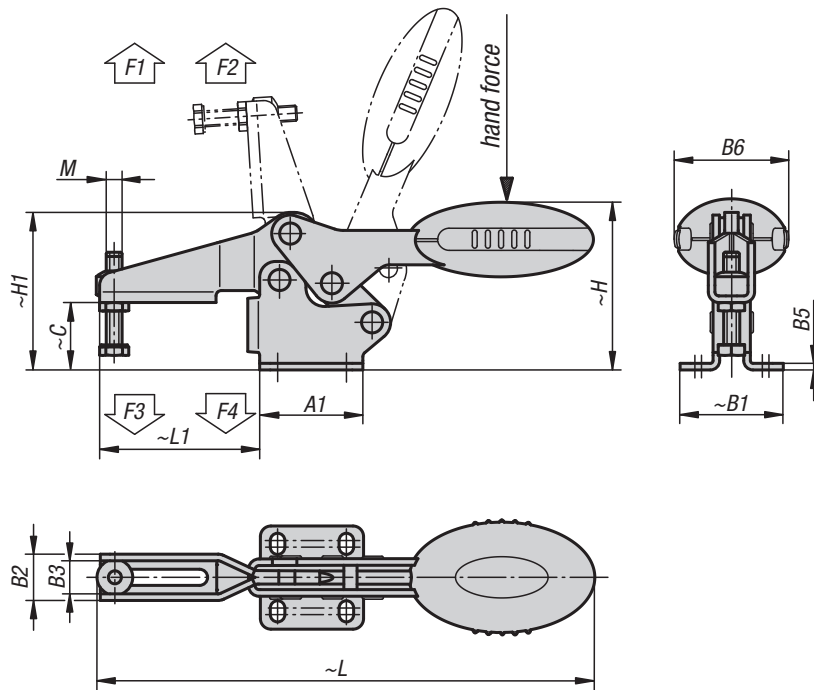


Horizontal Toggle Clamps

with flat foot and adjustable clamping spindle

METRIC
Parts



KIPP lock

Material:

Steel;
Grip polyamide.

Type:

Nitro-carburized and black oxidized

Part Number Example:

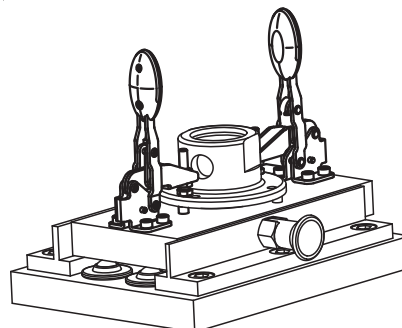
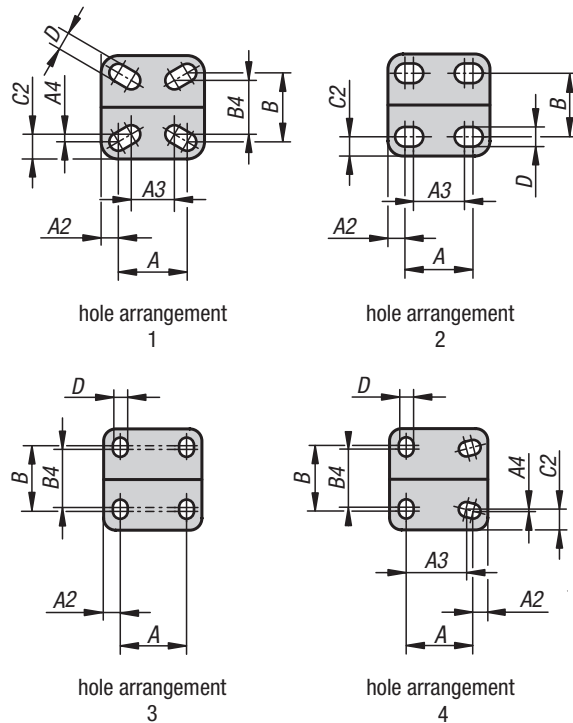
K0660.005001

Note:

Maintenance-free, high-quality swivel bushings. Consistently constant use of force when opening and closing. Optimum stability is achieved through the conical clamping arm with U-profile.

Accessories:

K0106
K0098
K0383
K0388
K0390
K0391
K0392
K0393



Angle bracket for front face mounting (see accessories)

Horizontal Toggle Clamps

with flat foot and adjustable clamping spindle

KIPP Horizontal Toggle Clamps with flat foot and adjustable clamping spindle, metric

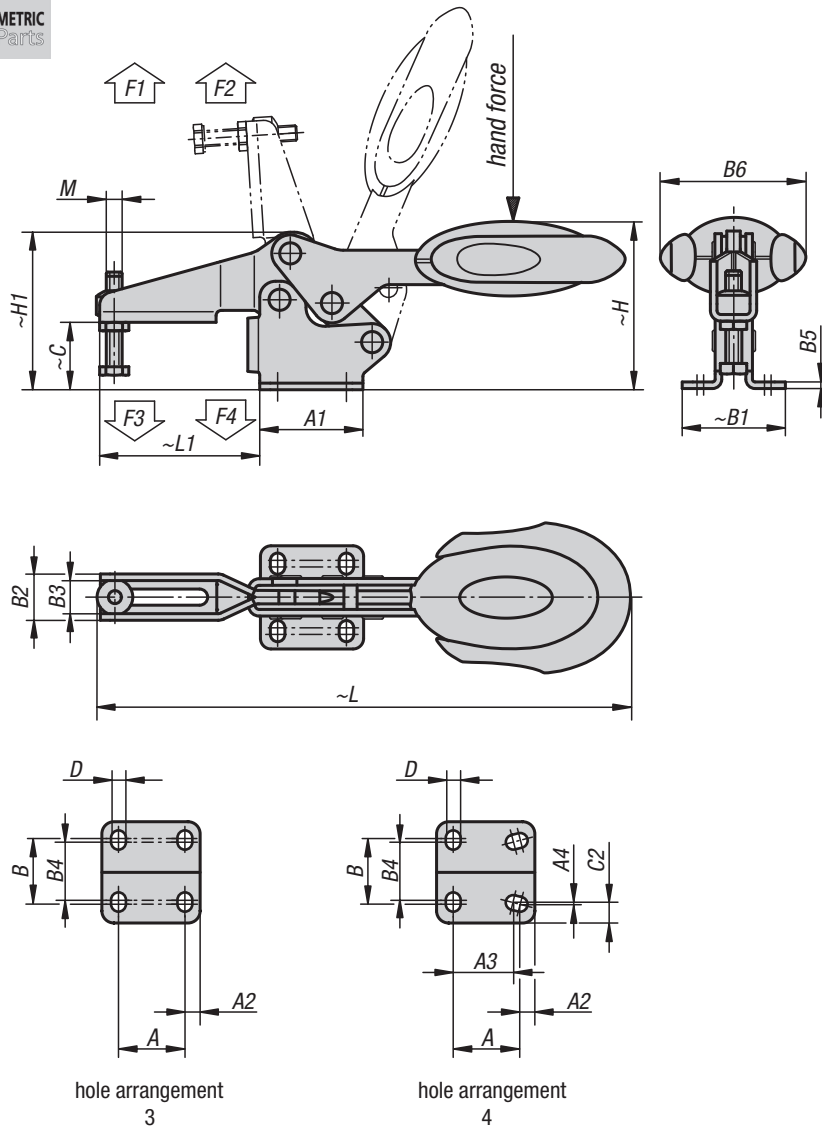
Item No.	hole arrangement	Opening angle of holding arm ~	Opening angle of handle ~	Hand force N	Retaining force F1 N	Holding force F2 N	Clamping force F3 N	Clamping force F4 N	Item No. Angle Bracket
K0660.004001	1	87°	69°	80	400	500	250	300	K0098.02
K0660.005001	2	86°	67°	100	650	900	550	620	K0098.02
K0660.006001	3	86°	67°	160	1350	1900	720	1200	K0098.04
K0660.008001	3	86°	67°	200	2000	2800	830	1400	K0098.04
K0660.010001	3	90°	71°	250	2200	4500	1200	2800	K0098.06
K0660.012001	4	88°	68°	280	2400	5500	1000	2800	K0098.06

Item No.	M	A	A1	A2	A3	A4	B	~B1	B2	B3	B4	B5	B6	~C	C2	D	~H	~H1	~L	~L1
K0660.004001	M4x16	16	24	4	12,74	1,75	16	24	10,2	7,1	14,1	1,5	20	11,7	5,75	4,2	29,3	26,3	91,8	23,7
K0660.005001	M5x25	18	27	4,5	13,5	-	16,8	27	13,2	9,1	-	2	22,5	17,2	5,1	5,5	43,4	38,9	125,7	41,8
K0660.006001	M6x35	26	39	6,5	-	-	28	39	17,5	12,4	24,6	2,5	43,5	25,4	-	5,5	63,7	59,5	186,6	60,5
K0660.008001	M8x45	26	44	9	-	-	31	45	21	15,7	26,1	2,5	41,5	32,2	-	6,2	73,9	70	223,1	74,9
K0660.010001	M10x55	41,5	59	9	-	-	43	59	26	18,7	39	3,5	47	40	-	8,8	94,8	87,9	279,3	103,9
K0660.012001	M12x70	44	65	10	40	1	42	67	28	20,9	40	3,5	47	52,3	13,5	8,5	104,8	101,6	314,7	122

Horizontal Toggle Clamps with Safety Interlock

with flat foot and adjustable clamping spindle

METRIC
Parts



KIPP lock⁺

Material:

Steel;
Grip polyamide;
TPE unlocking bracket

Type:

Nitro-carburized and black oxidized

Part Number Example:

K0660.006101

Note:

Maintenance-free, high-quality swivel bushings. Consistently constant use of force when opening and closing. Optimum stability is achieved through the conical clamping arm with U-profile. Including internal bar lock with automatic safety catch.

Accessories:

K0106
K0098
K0383
K0388
K0390
K0391
K0392
K0393

KIPP Horizontal Toggle Clamps with Safety Interlock, with flat foot and adjustable clamping spindle, metric

Item No.	hole arrangement	Opening angle of holding arm ~	Opening angle of handle ~	Hand force N	Retaining force F1 N	Holding force F2 N	Clamping force F3 N	Clamping force F4 N	Item No. Angle Bracket
K0660.006101	3	86°	67°	160	1350	1900	720	1200	K0098.04
K0660.008101	3	86°	67°	200	2000	2800	830	1400	K0098.04
K0660.010101	3	90°	71°	250	2200	4500	1200	2800	K0098.06
K0660.012101	4	88°	68°	280	2400	5500	1000	2800	K0098.06

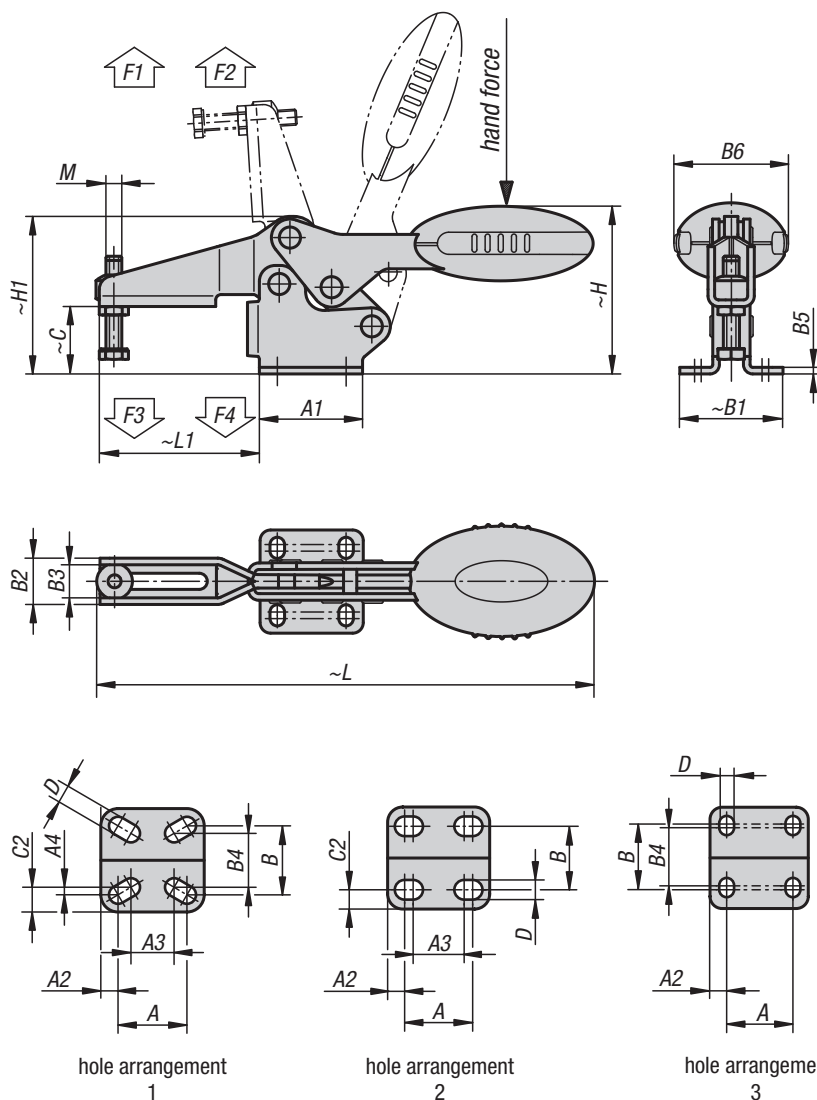
Item No.	M	A	A1	A2	A3	A4	B	~B1	B2	B3	B4	B5	B6	~C	C2	D	~H	~H1	~L	~L1
K0660.006101	M6x35	26	39	6,5	-	-	28	39	17,5	12,4	24,6	2,5	53,4	25,4	-	5,5	63,7	59,5	193,3	60,5
K0660.008101	M8x45	26	44	9	-	-	31	45	21	15,7	26,1	2,5	51,1	32,2	-	6,2	73,9	70	230,3	74,9
K0660.010101	M10x55	41,5	59	9	-	-	43	59	26	18,7	39	3,5	56,5	40	-	8,8	94,8	87,9	286	103,9
K0660.012101	M12x70	44	65	10	40	1	42	67	28	20,9	40	3,5	56,5	52,3	13,5	8,5	104,8	101,6	321,3	122

Horizontal Toggle Clamps

with flat foot and adjustable clamping spindle, stainless steel



New Item



Material:

Stainless steel
Grip polyamide.

Type:

Natural finish.

Part Number Example:

K0660.105001

Note:

Maintenance-free, high-quality swivel bushings. Consistently constant use of force when opening and closing. Optimum stability is achieved through the conical clamping arm with U-profile.

Accessories:

K0106
K0384
K0390
K0392
K0667

KIPP Horizontal Toggle Clamps with flat foot, stainless steel, metric

Item No.	hole arrangement	Opening angle of holding arm ~	Opening angle of handle ~	Hand force N	Retaining force F1 N	Holding force F2 N	Clamping force F3 N	Clamping force F4 N
K0660.104001	1	87°	69°	80	400	500	250	300
K0660.105001	2	86°	67°	100	650	900	550	620
K0660.106001	3	86°	67°	160	1.350	1.900	720	1.200
K0660.108001	3	86°	67°	200	2.000	2.800	830	1.400

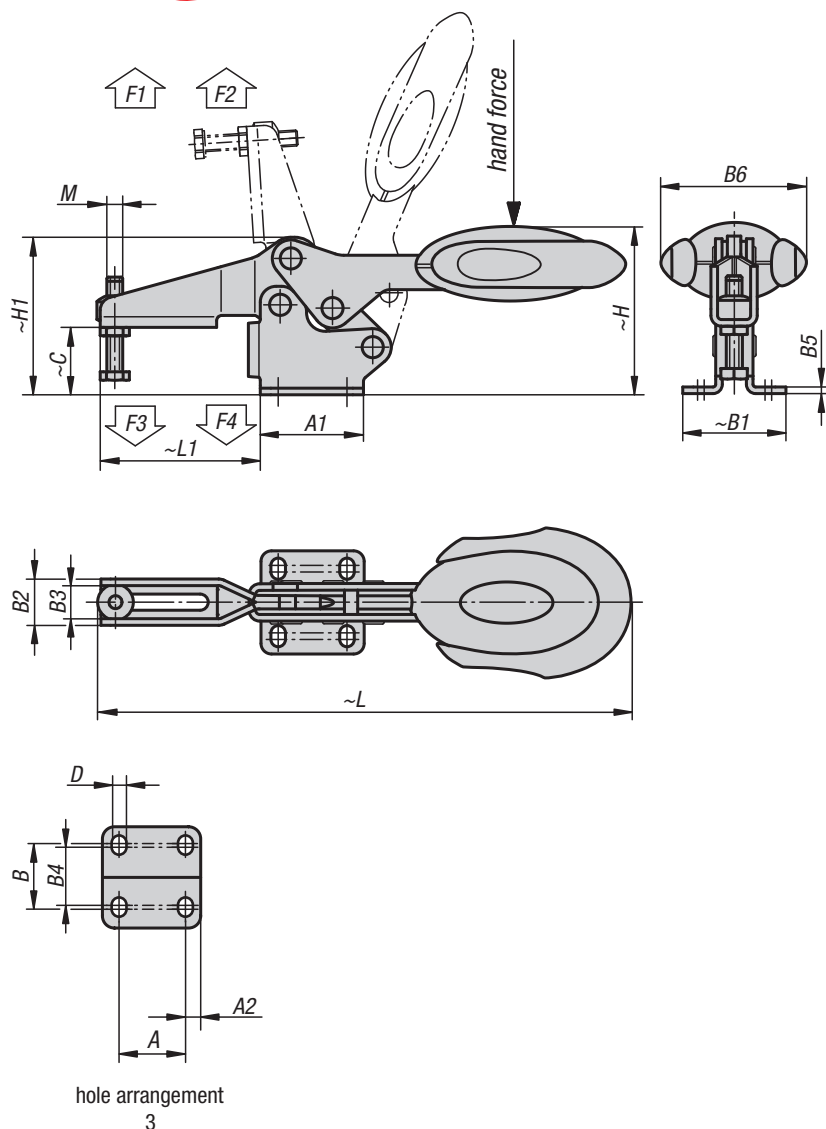
Item No.	M	A	A1	A2	B	~B1	B2	B3	B4	B5	B6	~C	D	~H	~H1	~L	~L1
K0660.104001	M4x16	16	24	4	16	24	10,2	7,1	14,1	1,5	20	11,7	4,2	29,3	26,3	91,8	23,7
K0660.105001	M5x25	18	27	4,5	16,8	27	13,2	9,1	-	2	22,5	17,2	5,5	43,4	38,9	125,7	41,8
K0660.106001	M6x35	26	39	6,5	28	39	17,5	12,4	24,6	2,5	43,5	25,4	5,5	63,7	59,5	186,6	60,5
K0660.108001	M8x45	26	44	9	31	45	21	15,7	26,1	2,5	41,5	32,2	6,2	73,9	70	223,1	74,9

Horizontal Toggle Clamps with Safety Interlock

with flat foot and adjustable clamping spindle, stainless steel



New Item



KIPP lock+

Material:

Stainless steel
Grip polyamide.
Unlocking bracket TPE.

Type:

Natural finish.

Part Number Example:

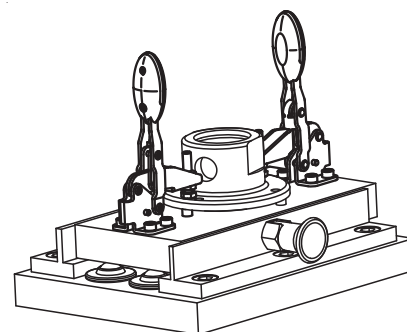
K0660.106101

Note:

Maintenance-free, high-quality swivel bushings. Consistently constant use of force when opening and closing. Optimum stability is achieved through the conical clamping arm with U-profile. Including internal bar lock with automatic safety catch.

Accessories:

K0106
K0384
K0390
K0392
K0667



KIPP Horizontal Toggle Clamps with Safety Interlock with flat foot and adjustable clamping spindle, stainless steel, metric

Item No.	hole arrangement	Opening angle of holding arm ~	Opening angle of handle ~	Hand force N	Retaining force F1 N	Holding force F2 N	Clamping force F3 N	Clamping force F4 N
K0660.106101	3	86°	67°	160	1.350	1.900	720	1.200
K0660.108101	3	86°	67°	200	2.000	2.800	830	1.400

Item No.	M	A	A1	A2	B	~B1	B2	B3	B4	B5	B6	~C	D	~H	~H1	~L	~L1
K0660.106101	M6x35	26	39	6,5	28	39	17,5	12,4	24,6	2,5	53,4	25,4	5,5	63,7	59,5	193,3	60,5
K0660.108101	M8x45	26	44	9	31	45	21	15,7	26,1	2,5	51,1	32,2	6,2	73,9	70	230,3	74,9

Technical information

Quick clamping - reliable fastening



Durable and reliable: KIPP lock

Now even more durable, more user-friendly and safer. The new generation has proved highly effective in meeting this development. You, the user, will notice the difference immediately: On first contact, the new KIPP lock has a good grip and is robust. It delivers fast, reliable and safe operation. High-quality material ensures the necessary holding power.

KIPP lock

with all the benefits



Benefits:

Impressively stable:

All models can easily withstand 300,000 clamping cycles

Durable:

High-quality bushings - without scoring

Extremely robust:

Corrosion-resistant NITROX COATING

Simple design

The fixed top nut eases spindle adjustment

Reliable:

Uniform force during opening and closing

Ideal where space is restricted:

Slim design supports safe operation

Optimum stability:

Conical clamping arm with U-profile

Safe application:

Nothing catches on the smooth edges

Fast and flexible:

Easy retrofitting thanks to a wide range of accessories

Ergonomic and slip-resistant:

Easy to operate wearing work gloves

Non-reflecting

Ideal for use with laser devices

Safe when opening:

More space between clamping arm and grip prevents pinching

Extremely compatible:

Oblong holes allows assembly on existing boreholes

Secure fixation and locking: KIPP lock+

The inner locking system is a completely revolutionary development from KIPP. Nothing gets caught or stuck. Operation is easy even when wearing work gloves.

KIPP lock⁺

with all the advantages
with safety interlock



Functional principle:

KIPP lock⁺

Fig. 1:

Locking mechanism closed. Safe to use thanks to revolutionary grip - no pinch points or interfering contours

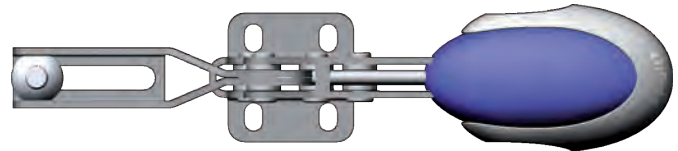


Fig. 2:

Inner rod locking mechanism with automatic safety catch. The lock is released by pulling the grip

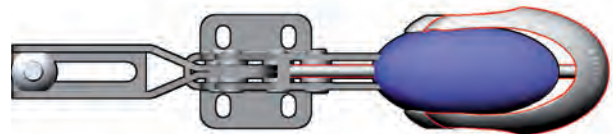
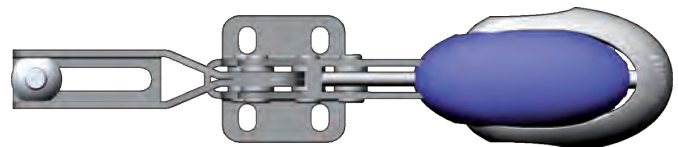


Fig. 3:

Locking mechanism open.

Release the grip to close the safety mechanism



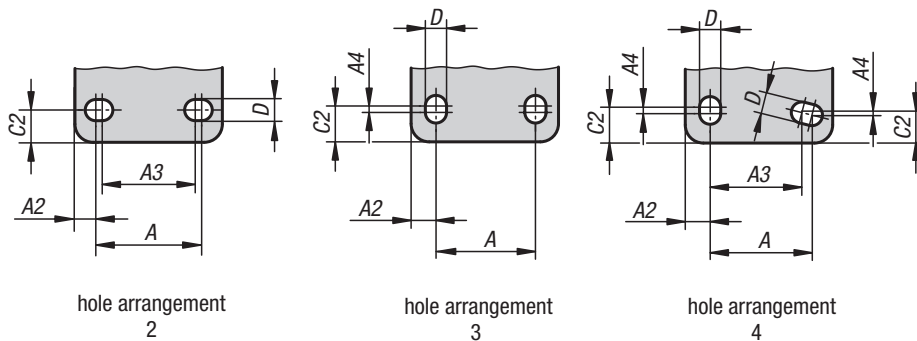
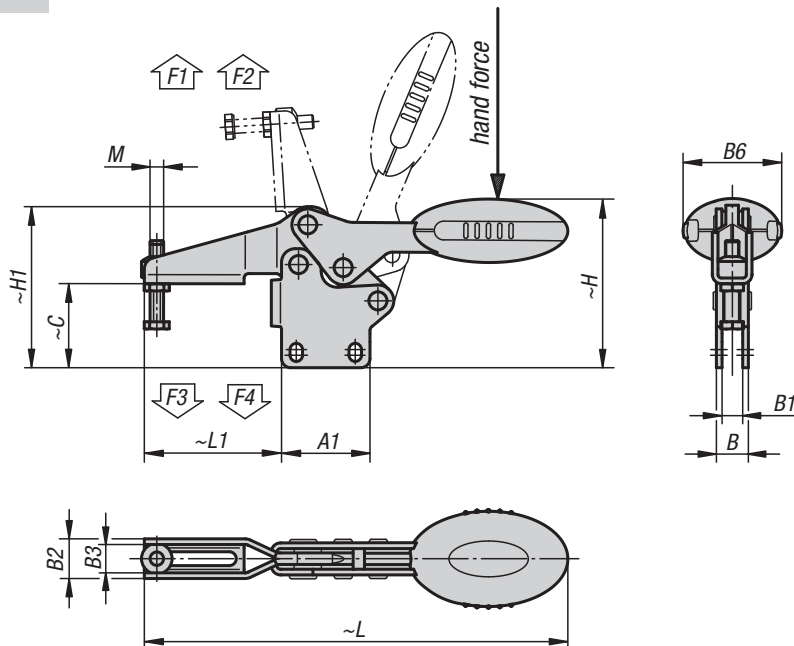
Horizontal Toggle Clamps

with straight foot and adjustable clamping spindle

METRIC
Parts



KIPP lock



hole arrangement
2

hole arrangement
3

hole arrangement
4

Material:

Steel;
Grip polyamide.

Type:

Nitro-carburized and black oxidized

Part Number Example:

K0661.005001

Note:

Maintenance-free, high-quality swivel bushings. Consistently constant use of force when opening and closing. Optimum stability is achieved through the conical clamping arm with U-profile.

Accessories:

K0106
K0383
K0388
K0390
K0391
K0392
K0393

KIPP Horizontal Toggle Clamps with straight foot and adjustable clamping spindle, metric

Item No.	hole arrangement	Opening angle of holding arm ~	Opening angle of handle ~	Hand force N	Retaining force F1 N	Holding force F2 N	Clamping force F3 N	Clamping force F4 N
K0661.005001	2	86°	67°	100	650	900	550	620
K0661.006001	3	86°	67°	160	1350	1900	720	1200
K0661.008001	3	86°	67°	200	2000	2800	830	1400
K0661.010001	3	90°	71°	250	2200	4500	1200	2800
K0661.012001	4	88°	68°	280	2400	5500	1000	2800

Item No.	M	A	A1	A2	A3	A4	B	B1	B2	B3	B6	~C	C2	D	~H	~H1	~L	~L1
K0661.005001	M5x25	18	27	4,5	13,5	-	8,1	4,1	13,2	9,1	22,5	26,2	5,1	5,5	52,2	47,9	125,7	41,8
K0661.006001	M6x35	26	39	6,5	-	2,5	14,1	9,1	17,5	12,4	43,5	36,9	5,5	5,5	75,2	71	186,6	60,5
K0661.008001	M8x45	26	44	9	-	3,5	14,1	9,1	21	15,7	41,5	46,5	7	6,2	88,2	84,3	223,1	74,9
K0661.010001	M10x55	41,5	59	9	-	2	16,2	9,2	26	18,7	47	59,6	8	8,8	114,3	107,5	279,3	103,9
K0661.012001	M12x70	44	65	11	40	1	16,2	9,2	28	20,9	47	75,9	13,5	8,5	128,4	125,2	314,7	122

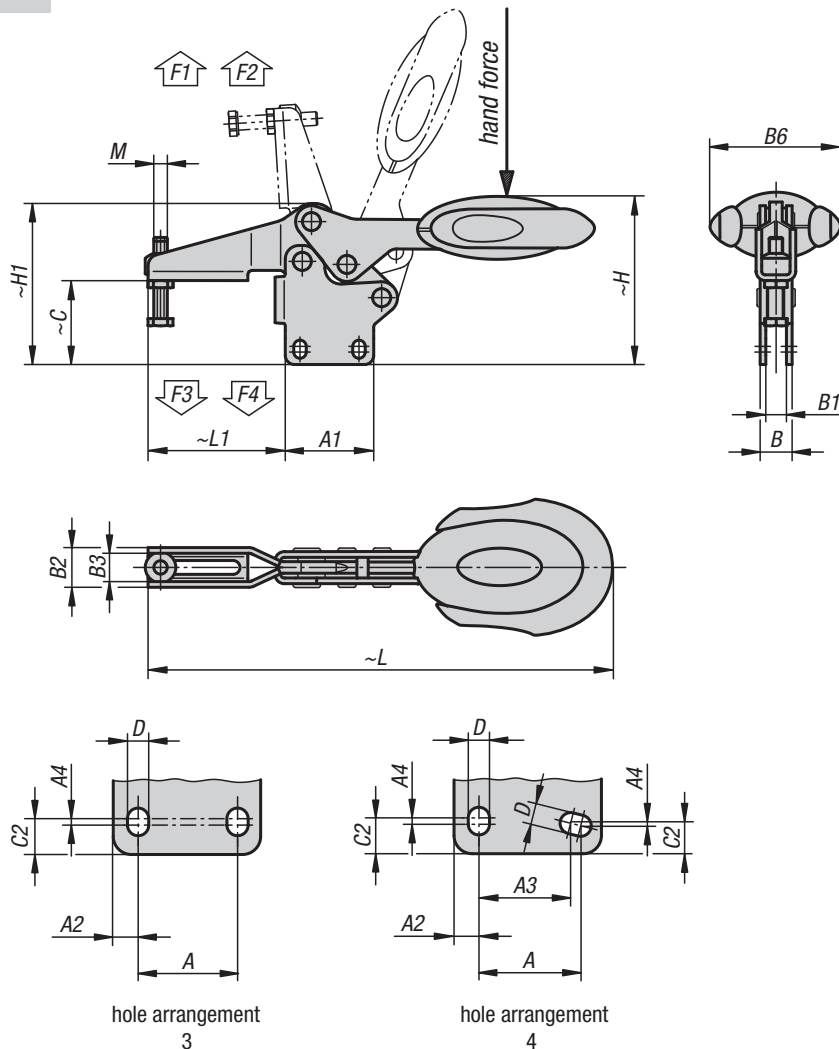
Horizontal Toggle Clamps with Safety Interlock

with straight foot and adjustable clamping spindle

METRIC
Parts



KIPP lock⁺



Material:

Steel;
Grip polyamide;
TPE unlocking bracket

Type:

Nitro-carburized and black oxidized

Part Number Example:

K0661.006101

Note:

Maintenance-free, high-quality swivel bushings. Consistently constant use of force when opening and closing. Optimum stability is achieved through the conical clamping arm with U-profile. Including internal bar lock with automatic safety catch.

Accessories:

K0106
K0383
K0388
K0390
K0391
K0392
K0393

KIPP Horizontal Toggle Clamps with Safety Interlock, with straight foot and adjustable clamping spindle, metric

Item No.	hole arrangement	Opening angle of holding arm ~	Opening angle of handle ~	Hand force N	Retaining force F1 N	Holding force F2 N	Clamping force F3 N	Clamping force F4 N
K0661.006101	3	86°	67°	160	1350	1900	720	1200
K0661.008101	3	86°	67°	200	2000	2800	830	1400
K0661.010101	3	90°	71°	250	2200	4500	1200	2800
K0661.012101	4	88°	68°	280	2400	5500	1000	2800

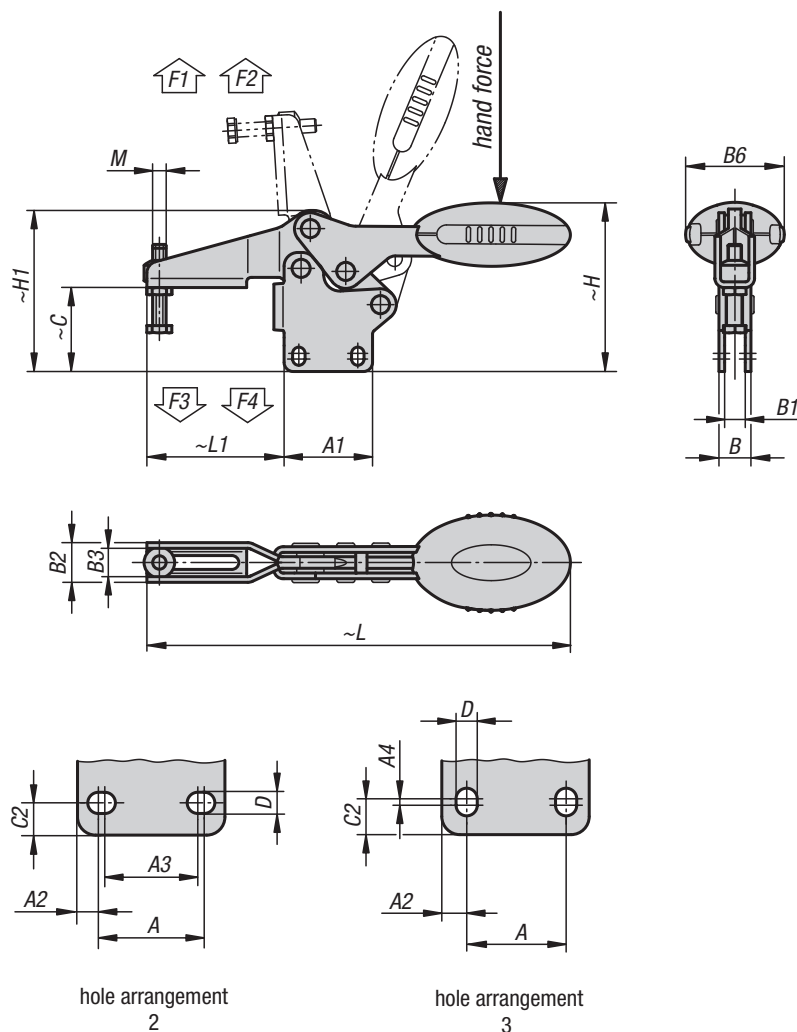
Item No.	M	A	A1	A2	A3	A4	B	B1	B2	B3	B6	~C	C2	D	~H	~H1	~L	~L1
K0661.006101	M6x35	26	39	6,5	-	2,5	14,1	9,1	17,5	12,4	53,4	36,9	5,5	5,5	75,2	71	193,7	60,5
K0661.008101	M8x45	26	44	9	-	3,5	14,1	9,1	21	15,7	51,1	46,5	7	6,2	88,2	84,3	230,3	74,9
K0661.010101	M10x55	41,5	59	9	-	2	16,2	9,2	26	18,7	56,5	59,6	8	8,8	114,3	107,5	286,4	103,9
K0661.012101	M12x70	44	65	11	40	1	16,2	9,2	28	20,9	56,5	75,9	13,5	8,5	128,4	125,2	321,3	122

Horizontal Toggle Clamps

with straight foot and adjustable clamping spindle, stainless steel



New Item



KIPP lock

Material:

Stainless steel
Grip polyamide.

Type:

Natural finish.

Part Number Example:

K0661.105001

Note:

Maintenance-free, high-quality swivel bushings.
Consistently constant use of force when opening and closing. Optimum stability is achieved through the conical clamping arm with U-profile.

Accessories:

K0106
K0384
K0390
K0392
K0667

KIPP Horizontal Toggle Clamps with straight foot and adjustable clamping spindle, stainless steel, metric

Item No.	hole arrangement	Opening angle of holding arm	Opening angle of handle	Hand force N	Retaining force F1 N	Holding force F2 N	Clamping force F3 N	Clamping force F4 N
K0661.105001	2	86°	67°	100	650	900	550	620
K0661.106001	3	86°	67°	160	1.350	1.900	720	1.200
K0661.108001	3	86°	67°	200	2.000	2.800	830	1.400

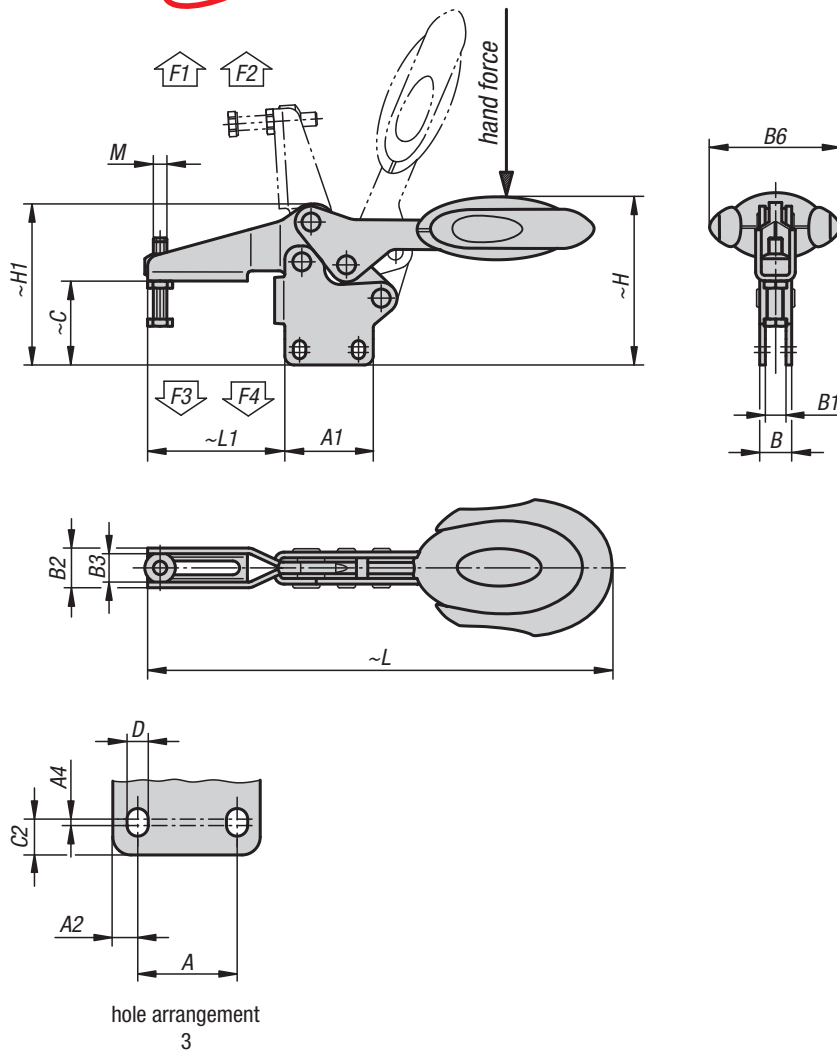
Item No.	M	A	A1	A2	A3	A4	B	B1	B2	B3	B6	~C	C2	D	~H	~H1	~L	~L1
K0661.105001	M5x25	18	27	4,5	13,5	-	8,1	4,1	13,2	9,1	22,5	26,2	5,1	5,5	52,2	47,9	125,7	41,8
K0661.106001	M6x35	26	39	6,5	-	2,5	14,1	9,1	17,5	12,4	43,5	36,9	5,5	5,5	75,2	71	186,6	60,5
K0661.108001	M8x45	26	44	9	-	3,5	14,1	9,1	21	15,7	41,5	46,5	7	6,2	88,2	84,3	223,1	74,9

Horizontal Toggle Clamps with Safety Interlock

with straight foot and adjustable clamping spindle, stainless steel



New Item



KIPP lock⁺

Material:

Stainless steel
Grip polyamide.
Unlocking bracket TPE.

Type:

Natural finish.

Part Number Example:

K0661.106101

Note:

Maintenance-free, high-quality swivel bushings. Consistently constant use of force when opening and closing. Optimum stability is achieved through the conical clamping arm with U-profile. Including internal bar lock with automatic safety catch.

Accessories:

K0106
K0384
K0390
K0392
K0667

KIPP Horizontal Toggle Clamps with Safety Interlock with straight foot and adjustable clamping spindle, stainless steel, metric

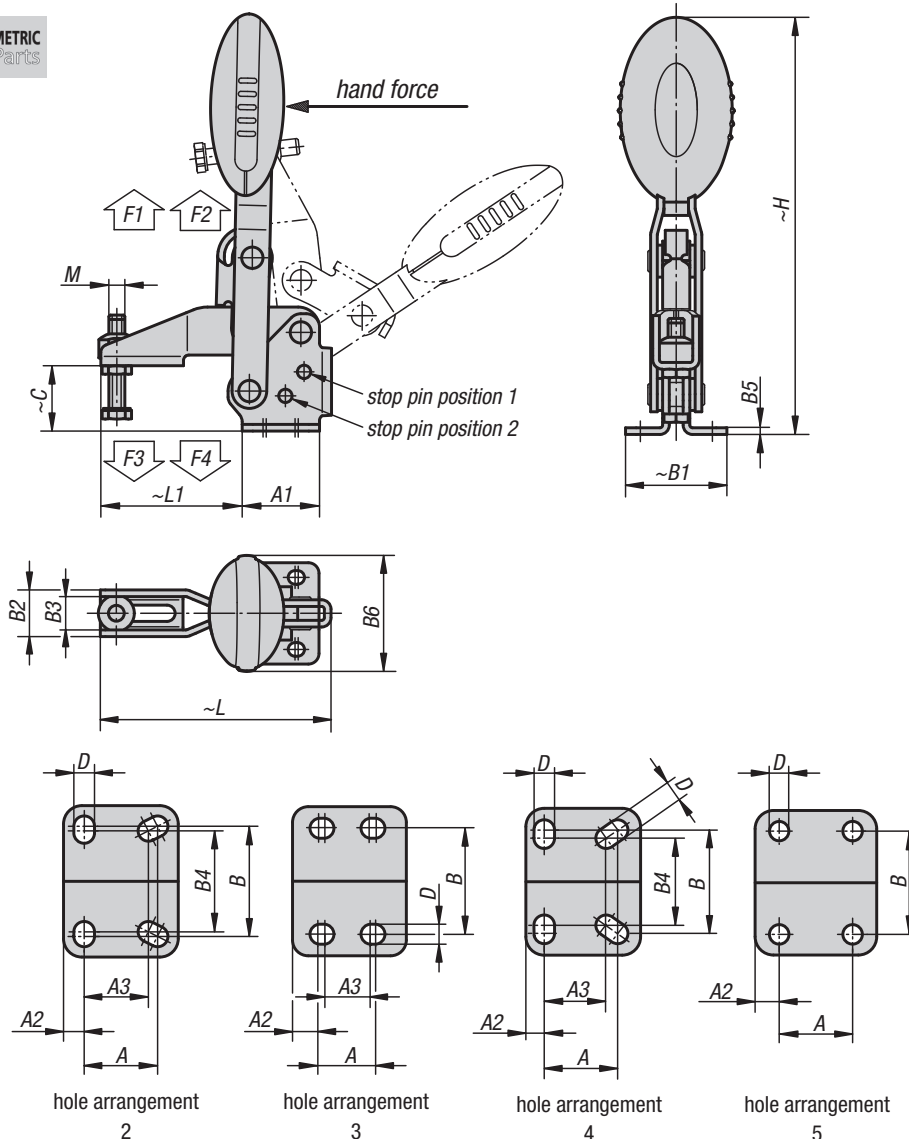
Item No.	hole arrangement	Opening angle of holding arm ~	Opening angle of handle ~	Hand force N	Retaining force F1 N	Holding force F2 N	Clamping force F3 N	Clamping force F4 N
K0661.106101	3	86°	67°	160	1.350	1.900	720	1.200
K0661.108101	3	86°	67°	200	2.000	2.800	830	1.400

Item No.	M	A	A1	A2	A4	B	B1	B2	B3	B6	~C	C2	D	~H	~H1	~L	~L1
K0661.106101	M6x35	26	39	6,5	2,5	14,1	9,1	17,5	12,4	53,4	36,9	5,5	5,5	75,2	71	193,7	60,5
K0661.108101	M8x45	26	44	9	3,5	14,1	9,1	21	15,7	51,1	46,5	7	6,2	88,2	84,3	230,3	74,9

Vertical Toggle Clamps

with flat foot and adjustable clamping spindle

METRIC
Parts



KIPP lock



Material:

Steel;
Grip polyamide.

Type:

Nitro-carburized and black oxidized

Part Number Example:

K0662.005001

Note:

Maintenance-free, high-quality swivel bushings. Consistently constant use of force when opening and closing. Optimum stability is achieved through the conical clamping arm with U-profile.

Accessories:

K0106
K0098
K0383
K0388
K0390
K0391
K0392
K0393

KIPP Vertical Toggle Clamps with flat foot and adjustable clamping spindle, metric

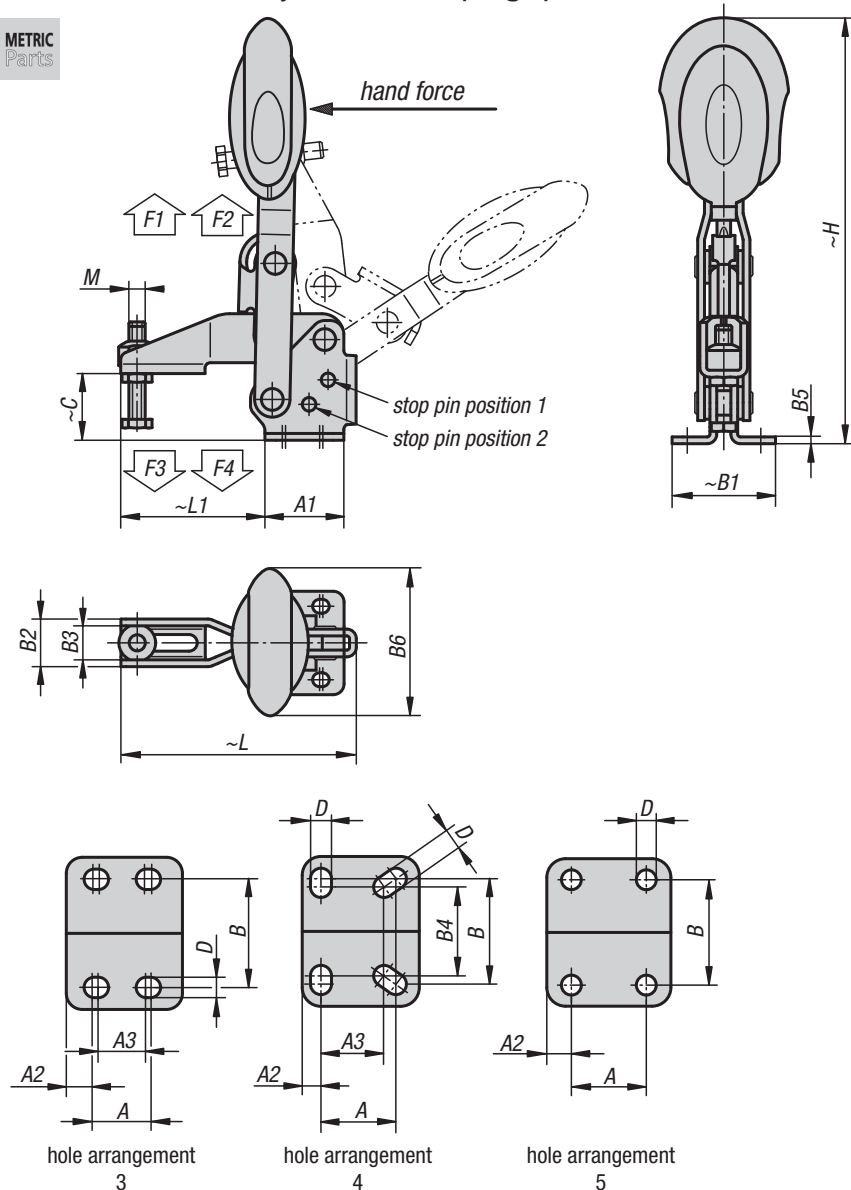
Item No.	Opening angle of holding arm ~ position 1	Opening angle of holding arm ~ position 2	Opening angle of holding arm ~ stop pin removed	Opening angle of handle ~ position 1	Opening angle of handle ~ position 2	Opening angle of handle ~ stop pin removed	Hand force N	Retaining force F1 N	Holding force F2 N	Clamping force F3 N	Clamping force F4 N
K0662.005001	100°	-	147°	64°	-	83°	100	750	1050	620	750
K0662.006001	56°	83°	152°	46°	56°	83°	160	1350	1650	920	1050
K0662.008001	13°	93°	158°	26°	61°	86°	190	2000	2800	940	1350
K0662.010001	6°	97°	176°	19°	59°	91°	250	2500	4500	1500	2800
K0662.012001	11°	88°	164°	24°	60°	91°	280	3000	5500	1400	2800

Item No.	hole Arrangement	M	A	A1	A2	A3	B	~B1	B2	B3	B4	B5	B6	~C	D	~H	~L	~L1	Item No. Angle Bracket
K0662.005001	2	M5x25	16	25	4,5	14	24	33	13,2	9,1	22	2	22,5	19,1	4,5	108,5	66,5	35	K0098.02
K0662.006001	3	M6x35	14	29	7	12	27	38	17,5	12,4	-	2,5	43,5	24,7	5,5	156,1	87,5	53	K0098.02
K0662.008001	3	M8x45	21	39	9	19	32	45	20,6	15,5	-	2,5	41,5	32,7	6,8	184,2	107,5	62	K0098.04
K0662.010001	4	M10x55	32	50	8	27	45	64	25,5	18,4	38	3,5	47	38,7	9	223,9	153	95	K0098.06
K0662.012001	5	M12x70	32	53	10,5	-	45	63	28	20,9	-	3,5	47	46,7	8,8	242,4	173,5	113,5	K0098.06

Vertical Toggle Clamps with Safety Interlock

with flat foot and adjustable clamping spindle

METRIC
Parts



KIPP lock⁺



Material:

Steel;
Grip polyamide;
TPE unlocking bracket

Type:

Nitro-carburized and black oxidized

Part Number Example:

K0662.006101

Note:

Maintenance-free, high-quality swivel bushings. Consistently constant use of force when opening and closing. Optimum stability is achieved through the conical clamping arm with U-profile. Including internal bar lock with automatic safety catch.

Accessories:

K0106
K0098
K0383
K0388
K0390
K0391
K0392
K0393

KIPP Vertical Toggle Clamps with Safety Interlock with flat foot and adjustable clamping spindle, metric

Item No.	Opening angle of holding arm ~ position 1	Opening angle of holding arm ~ position 2	Opening angle of holding arm ~ stop pin removed	Opening angle of handle ~ position 1	Opening angle of handle ~ position 2	Opening angle of handle ~ stop pin removed	Hand force N	Retaining force F1 N	Holding force F2 N	Clamping force F3 N	Clamping force F4 N
K0662.006101	56°	83°	152°	46°	56°	83°	160	1350	1650	920	1050
K0662.008101	13°	93°	158°	26°	61°	86°	190	2000	2800	940	1350
K0662.010101	6°	97°	176°	19°	59°	91°	250	2500	4500	1500	2800
K0662.012101	11°	88°	164°	24°	60°	91°	280	3000	5500	1400	2800

Item No.	hole Arrangement	M	A	A1	A2	A3	B	~B1	B2	B3	B4	B5	B6	~C	D	~H	~L	~L1	Item No. Angle Bracket
K0662.006101	3	M6x35	14	29	7	12	27	38	17,5	12,4	-	2,5	53,4	24,7	5,5	162,8	87,5	53	K0098.02
K0662.008101	3	M8x45	21	39	9	19	32	45	20,6	15,5	-	2,5	51,1	32,7	6,8	191,4	107,5	62	K0098.04
K0662.010101	4	M10x55	32	50	8	27	45	64	25,5	18,4	38	3,5	56,5	38,7	9	230,5	153	95	K0098.06
K0662.012101	5	M12x70	32	53	10,5	-	45	63	28	20,9	-	3,5	56,5	46,7	8,8	249,1	173,5	113,5	K0098.06

Vertical Toggle Clamps

with flat foot and adjustable clamping spindle, stainless steel



KIPP lock

Material:
Stainless steel
Grip polyamide.

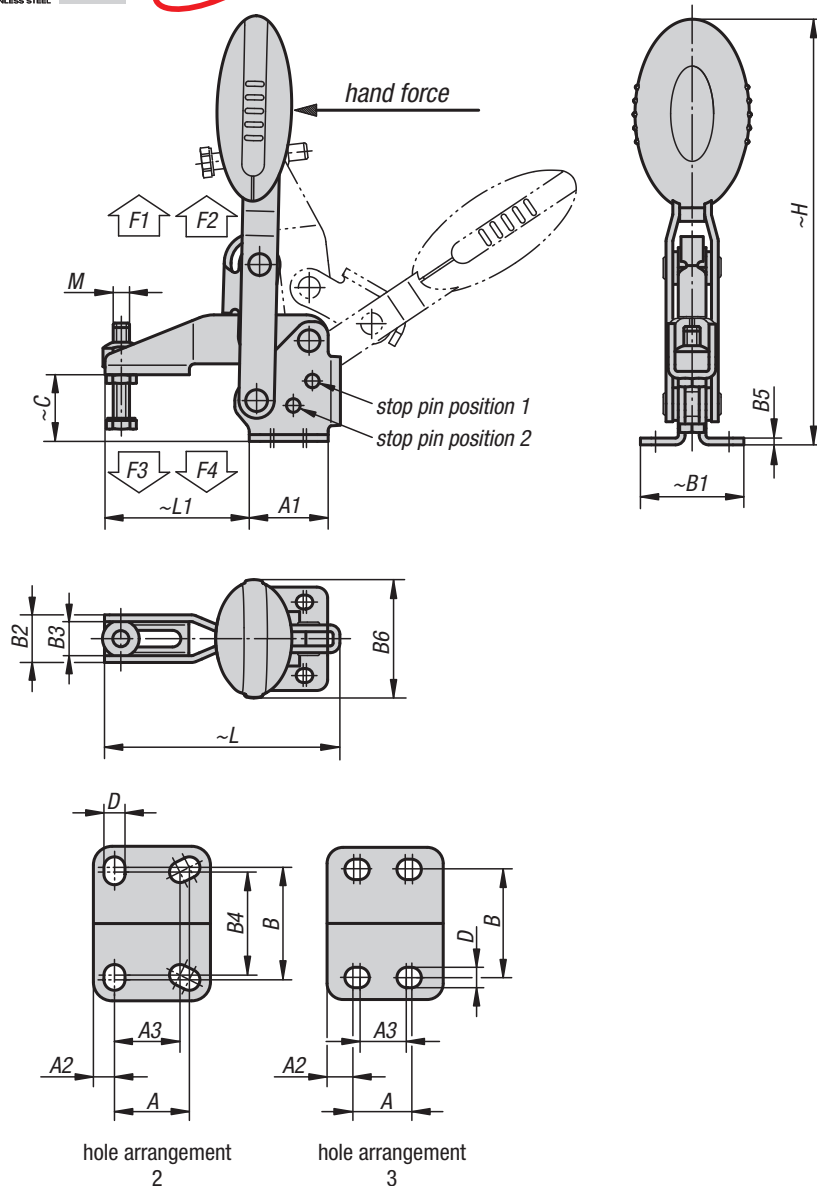
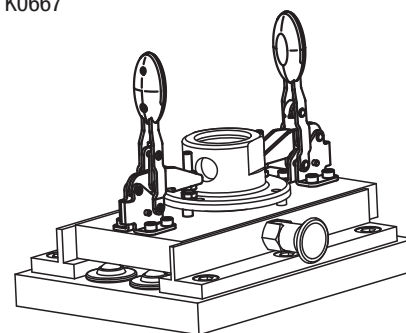
Type:
Natural finish.

Part Number Example:
K0662.105001

Note:
Maintenance-free, high-quality swivel bushings.
Consistently constant use of force when opening
and closing. Optimum stability is achieved through
the conical clamping arm with U-profile.

Accessories:

K0106
K0384
K0390
K0392
K0667



KIPP Vertical Toggle Clamps with flat foot and adjustable clamping spindle, stainless steel, metric

Item No.	Opening angle of holding arm ~ position 1	Opening angle of holding arm ~ position 2	Opening angle of holding arm ~ stop pin removed	Opening angle of handle ~ position 1	Opening angle of handle ~ position 2	Opening angle of handle ~ stop pin removed	Hand force N	Retaining force F1 N	Holding force F2 N	Clamping force F3 N	Clamping force F4 N
K0662.105001	100°	-	147°	64°	-	83°	100	750	1.050	620	750
K0662.106001	56°	83°	152°	46°	56°	83°	160	1.350	1.650	920	1.050
K0662.108001	13°	93°	158°	26°	61°	86°	190	2.000	2.800	940	1.350

Item No.	hole Arrangement	M	A	A1	A2	A3	B	~B1	B2	B3	B4	B5	B6	~C	D	~H	~L	~L1
K0662.105001	2	M5x25	16	25	4,5	14	24	33	13,2	9,1	22	2	22,5	19,1	4,5	108,5	66,5	35
K0662.106001	3	M6x35	14	29	7	12	27	38	17,5	12,4	-	2,5	43,5	24,7	5,5	156,1	87,5	53
K0662.108001	3	M8x45	21	39	9	19	32	45	20,6	15,5	-	2,5	41,5	32,7	6,8	184,2	107,5	62

Vertical Toggle Clamps with Safety Interlock

with flat foot and adjustable clamping spindle, stainless steel



New Item



KIPP lock⁺



Material:

Stainless steel
Grip polyamide.
Unlocking bracket TPE.

Type:

Natural finish.

Part Number Example:

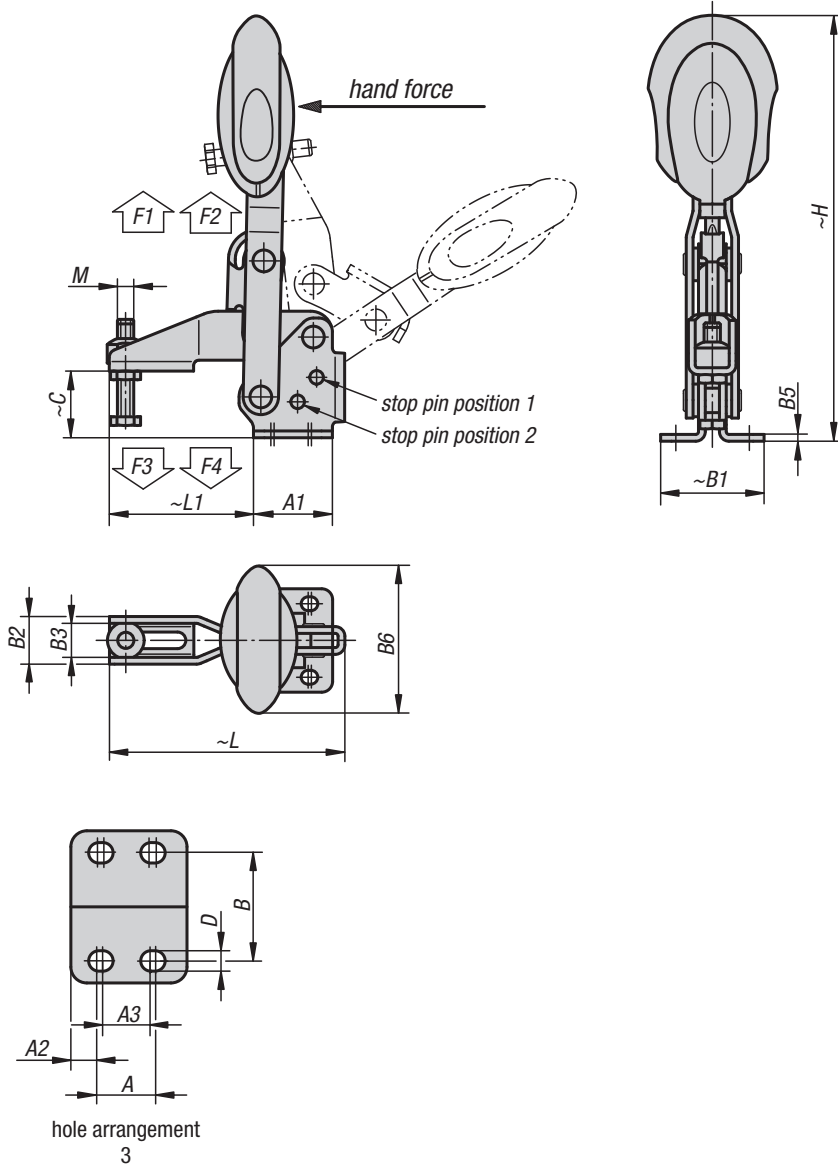
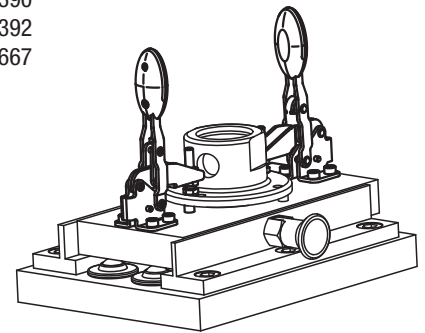
K0662.106101

Note:

Maintenance-free, high-quality swivel bushings. Consistently constant use of force when opening and closing. Optimum stability is achieved through the conical clamping arm with U-profile. Including internal bar lock with automatic safety catch.

Accessories:

K0106
K0384
K0390
K0392
K0667



KIPP Vertical Toggle Clamps with Safety Interlock with flat foot and adjustable clamping spindle, stainless steel, metric

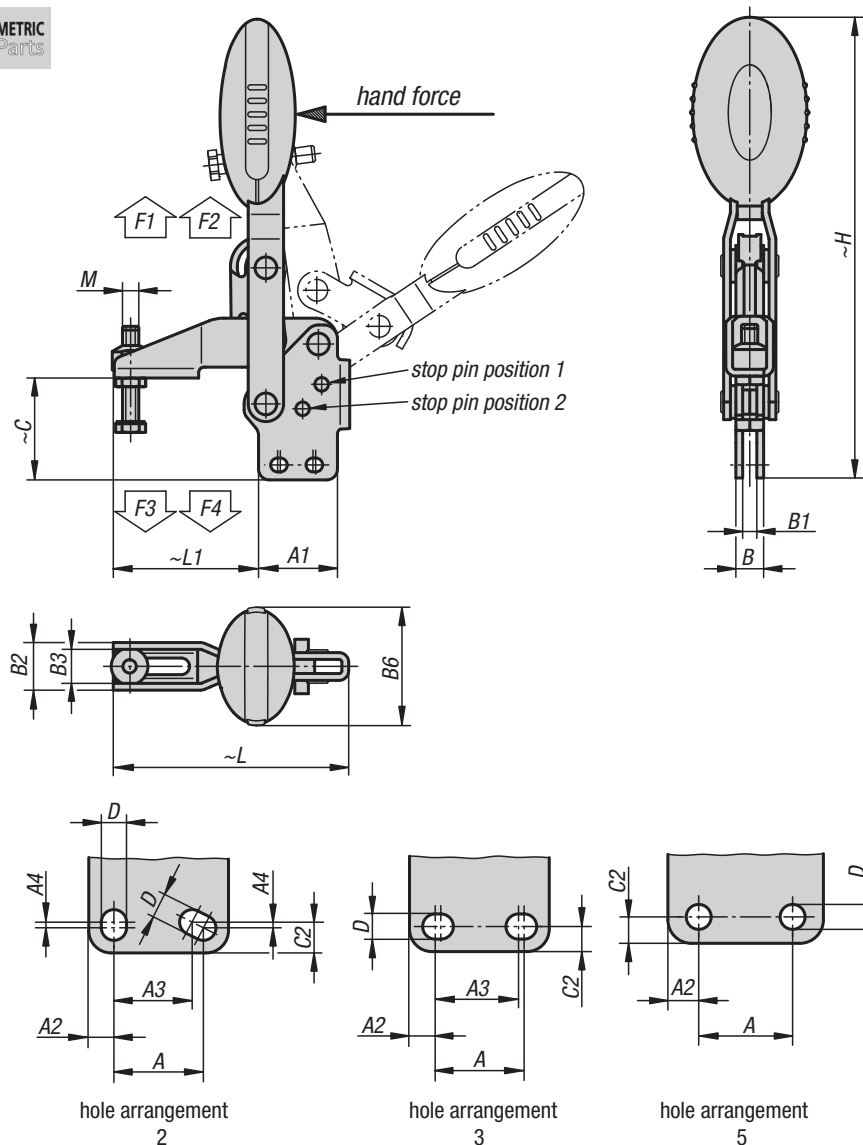
Item No.	Opening angle of holding arm ~ position 1	Opening angle of holding arm ~ position 2	Opening angle of holding arm ~ stop pin removed	Opening angle of handle ~ position 1	Opening angle of handle ~ position 2	Opening angle of handle ~ stop pin removed	Hand force N	Retaining force F1 N	Holding force F2 N	Clamping force F3 N	Clamping force F4 N
K0662.106101	56°	83°	152°	46°	56°	83°	160	1.350	1.650	920	1.050
K0662.108101	13°	93°	158°	26°	61°	86°	190	2.000	2.800	940	1.350

Item No.	hole Arrangement	M	A	A1	A2	A3	B	~B1	B2	B3	B5	B6	~C	D	~H	~L	~L1
K0662.106101	3	M6x35	14	29	7	12	27	38	17,5	12,4	2,5	53,4	24,7	5,5	162,8	87,5	53
K0662.108101	3	M8x45	21	39	9	19	32	45	20,6	15,5	2,5	51,1	32,7	6,8	191,4	107,5	62

Vertical Toggle Clamps

with straight foot and adjustable clamping spindle

METRIC
Parts



KIPP lock



Material:

Steel;
Grip polyamide.

Type:

Nitro-carburized and black oxidized

Part Number Example:

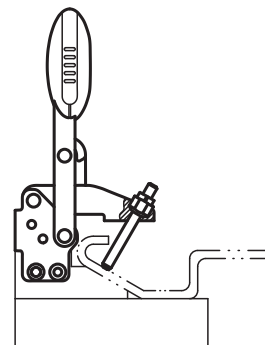
K0663.005001

Note:

Maintenance-free, high-quality swivel bushings. Consistently constant use of force when opening and closing. Optimum stability is achieved through the conical clamping arm with U-profile.

Accessories:

K0106
K0383
K0388
K0390
K0391
K0392
K0393



KIPP Vertical Toggle Clamps with flat foot and adjustable clamping spindle, metric

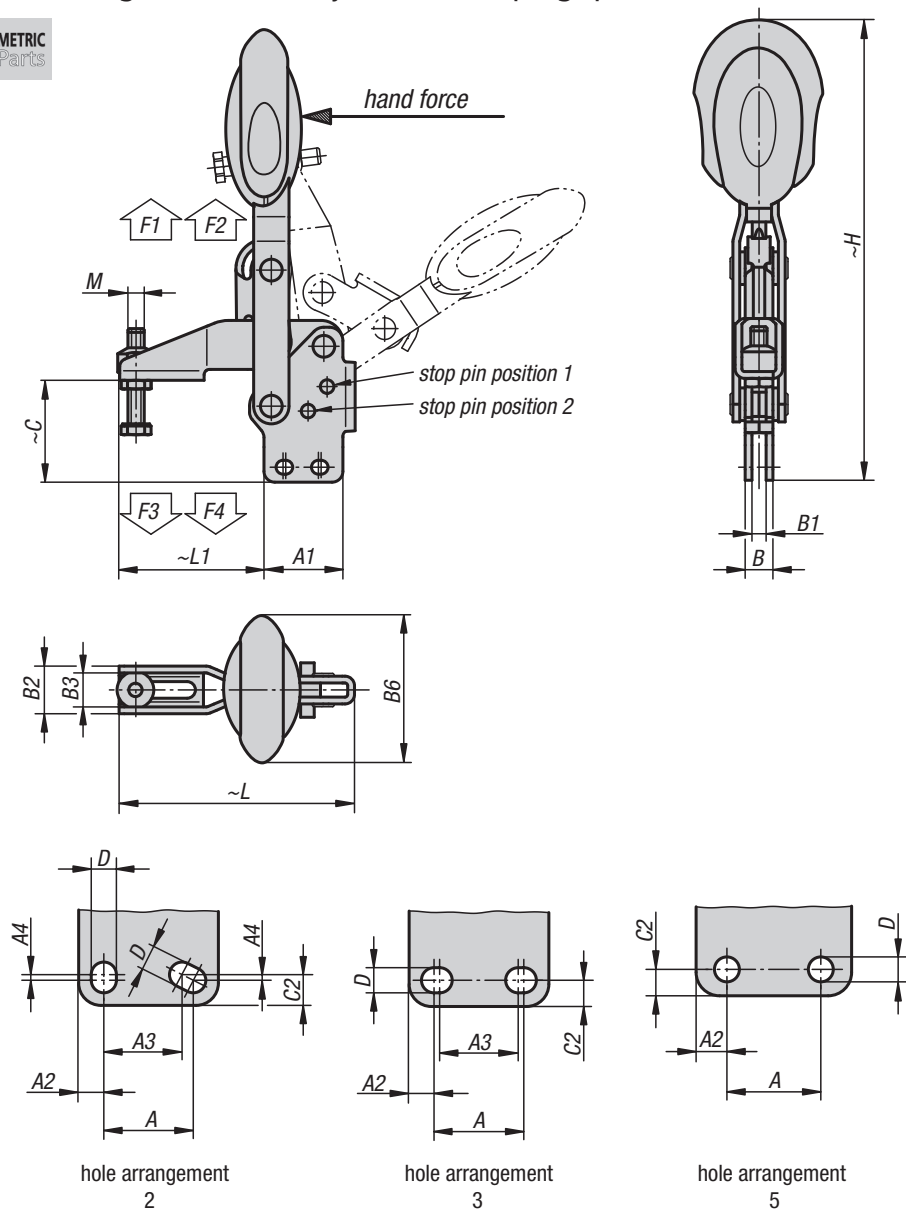
Item No.	Opening angle of holding arm ~ position 1	Opening angle of holding arm ~ position 2	Opening angle of holding arm ~ stop pin removed	Opening angle of handle ~ position 1	Opening angle of handle ~ position 2	Hand force N	Retaining force F1 N	Holding force F2 N	Clamping force F3 N	Clamping force F4 N
K0663.005001	100°	-	129°	64°	-	100	750	1050	620	750
K0663.006001	56°	83°	141°	46°	56°	160	1350	1650	920	1050
K0663.008001	13°	93°	158°	26°	61°	190	2000	2800	940	1350
K0663.010001	6°	97°	176°	19°	59°	250	2500	4500	1500	2800
K0663.012001	11°	88°	164°	24°	60°	280	3000	5500	1400	2800

Item No.	hole Arrangement	M	A	A1	A2	A3	A4	B	B1	B2	B3	B6	~C	C2	D	~H	~L	~L1
K0663.005001	2	M5x25	16	25	4,5	14	1	8,1	4,1	13,2	9,1	22,5	30,9	5,5	4,5	120,3	63,5	35
K0663.006001	3	M6x35	14	29	7	12	-	10,2	5,2	17,5	12,4	43,5	37,6	5,5	5,5	169,0	86,5	53
K0663.008001	3	M8x45	21	39	9	19	-	10,2	5,2	20,6	15,5	41,5	49	6,5	6,8	200,3	107	62
K0663.010001	2	M10x55	32	50	8	27	3,5	14,1	7,1	25,5	18,4	47	62,3	13	9	247,4	153	95
K0663.012001	5	M12x70	32	53	10,5	-	-	14,1	7,1	28	20,9	47	69,8	9	8,8	265,5	173,5	113,5

Vertical Toggle Clamps with Safety Interlock

with straight foot and adjustable clamping spindle

METRIC
Parts



KIPP lock⁺



Material:

Steel;
Grip polyamide;
TPE unlocking bracket

Type:

Nitro-carburized and black oxidized

Part Number Example:

K0663.006101

Note:

Maintenance-free, high-quality swivel bushings. Consistently constant use of force when opening and closing. Optimum stability is achieved through the conical clamping arm with U-profile. Including internal bar lock with automatic safety catch.

Accessories:

K0106
K0383
K0388
K0390
K0391
K0392
K0393

KIPP Vertical Toggle Clamps with Safety Interlock with straight foot and adjustable clamping spindle, metric

Item No.	Opening angle of holding arm ~ position 1	Opening angle of holding arm ~ position 2	Opening angle of holding arm ~ stop pin removed	Opening angle of handle ~ position 1	Opening angle of handle ~ position 2	Hand force N	Retaining force F1 N	Holding force F2 N	Clamping force F3 N	Clamping force F4 N
K0663.006101	56°	83°	141°	46°	56°	160	1350	1650	920	1050
K0663.008101	13°	93°	158°	26°	61°	190	2000	2800	940	1350
K0663.010101	6°	97°	176°	19°	59°	250	2500	4500	1500	2800
K0663.012101	11°	88°	164°	24°	60°	280	3000	5500	1400	2800

Item No.	hole Arrangement	M	A	A1	A2	A3	A4	B	B1	B2	B3	B6	~C	C2	D	~H	~L	~L1
K0663.006101	3	M6x35	14	29	7	12	-	10,2	5,2	17,5	12,4	53,4	37,6	5,5	5,5	175,7	86,5	53
K0663.008101	3	M8x45	21	39	9	19	-	10,2	5,2	20,6	15,5	51,1	49	6,5	6,8	207,6	107	62
K0663.010101	2	M10x55	32	50	8	27	3,5	14,1	7,1	25,5	18,4	56,5	62,3	13	9	254	153	95
K0663.012101	5	M12x70	32	53	10,5	-	-	14,1	7,1	28	20,9	56,5	69,8	9	8,8	271,1	173,5	113,5

Vertical Toggle Clamps

with straight foot and adjustable clamping spindle, stainless steel



New Item



KIPP lock



Material:

Stainless steel
Grip polyamide.

Type:

Natural finish.

Part Number Example:

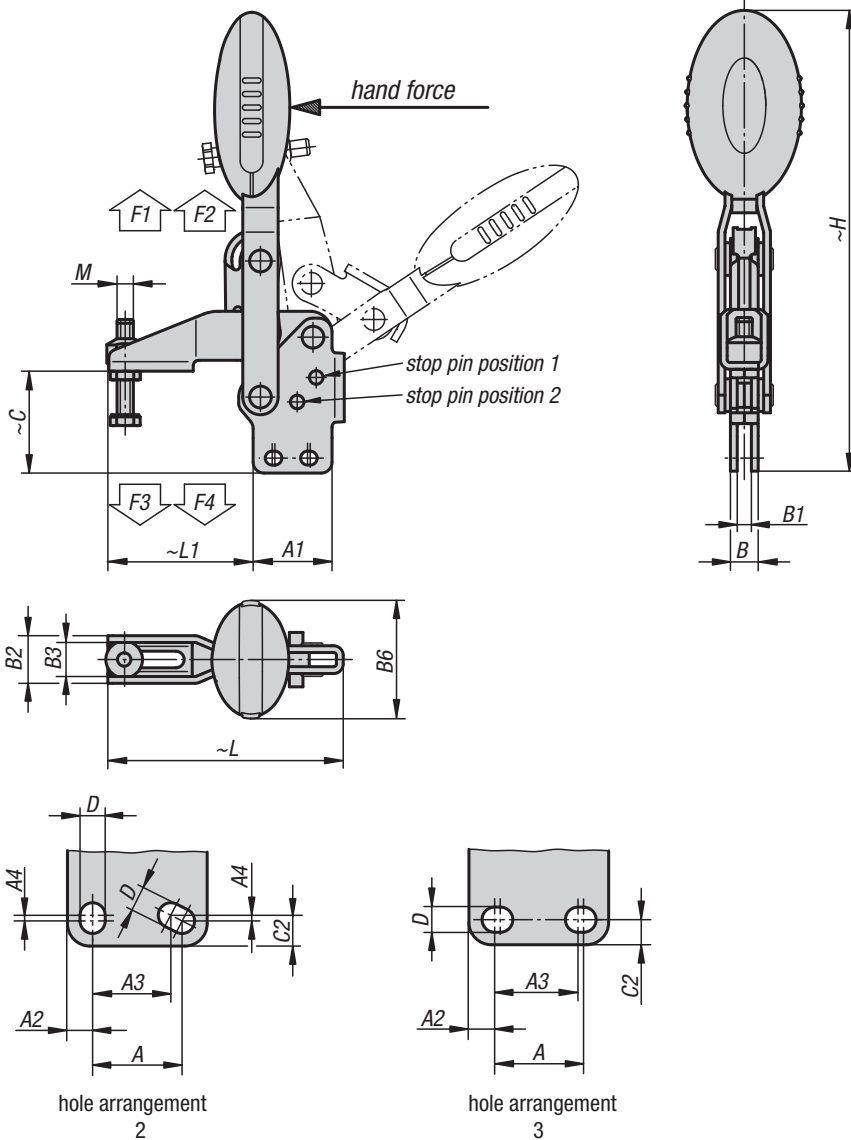
K0663.105001

Note:

Maintenance-free, high-quality swivel bushings. Consistently constant use of force when opening and closing. Optimum stability is achieved through the conical clamping arm with U-profile.

Accessories:

K0106
K0384
K0390
K0392
K0667



KIPP Vertical Toggle Clamps with straight foot and adjustable clamping spindle, stainless steel, metric

Item No.	Opening angle of holding arm ~ position 1	Opening angle of holding arm ~ position 2	Opening angle of holding arm ~ stop pin removed	Opening angle of handle ~ position 1	Opening angle of handle ~ position 2	Hand force N	Retaining force F1 N	Holding force F2 N	Clamping force F3 N	Clamping force F4 N
K0663.105001	100°	-	129°	64°	-	100	750	1.050	620	750
K0663.106001	56°	83°	141°	46°	56°	160	1.350	1.650	920	1.050
K0663.108001	13°	93°	158°	26°	61°	190	2.000	2.800	940	1.350

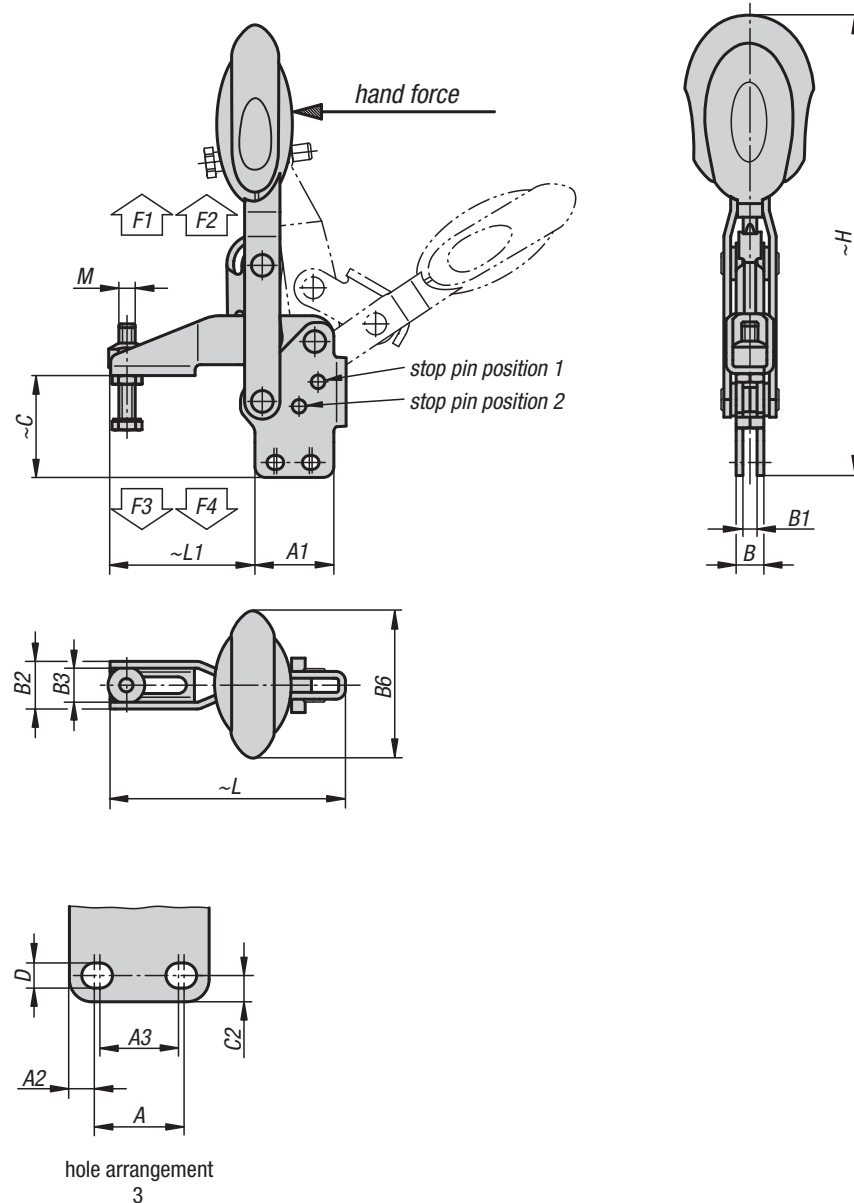
Item No.	hole Arrangement	M	A	A1	A2	A3	A4	B	B1	B2	B3	B6	~C	C2	D	~H	~L	~L1
K0663.105001	2	M5x25	16	25	4,5	14	1	8,1	4,1	13,2	9,1	22,5	30,9	5,5	4,5	120,3	63,5	35
K0663.106001	3	M6x35	14	29	7	12	-	10,2	5,2	17,5	12,4	43,5	37,6	5,5	5,5	169	86,5	53
K0663.108001	3	M8x45	21	39	9	19	-	10,2	5,2	20,6	15,5	41,5	49	6,5	6,8	200,3	107	62

Vertical Toggle Clamps with Safety Interlock

with straight foot and adjustable clamping spindle, stainless steel



New Item



KIPP lock+



Material:

Stainless steel
Grip polyamide.
Unlocking bracket TPE.

Type:

Natural finish.

Part Number Example:

K0663.106101

Note:

Maintenance-free, high-quality swivel bushings. Consistently constant use of force when opening and closing. Optimum stability is achieved through the conical clamping arm with U-profile. Including internal bar lock with automatic safety catch.

Accessories:

K0106
K0384
K0390
K0392
K0667

KIPP Vertical Toggle Clamps with Safety Interlock with straight foot and adjustable clamping spindle, stainless steel, metric

Item No.	Opening angle of holding arm ~ position 1	Opening angle of holding arm ~ position 2	Opening angle of holding arm ~ stop pin removed	Opening angle of handle ~ position 1	Opening angle of handle ~ position 2	Hand force N	Retaining force F1 N	Holding force F2 N	Clamping force F3 N	Clamping force F4 N
K0663.106101	56°	83°	141°	46°	56°	160	1.350	1.650	920	1.050
K0663.108101	13°	93°	158°	26°	61°	190	2.000	2.800	940	1.350

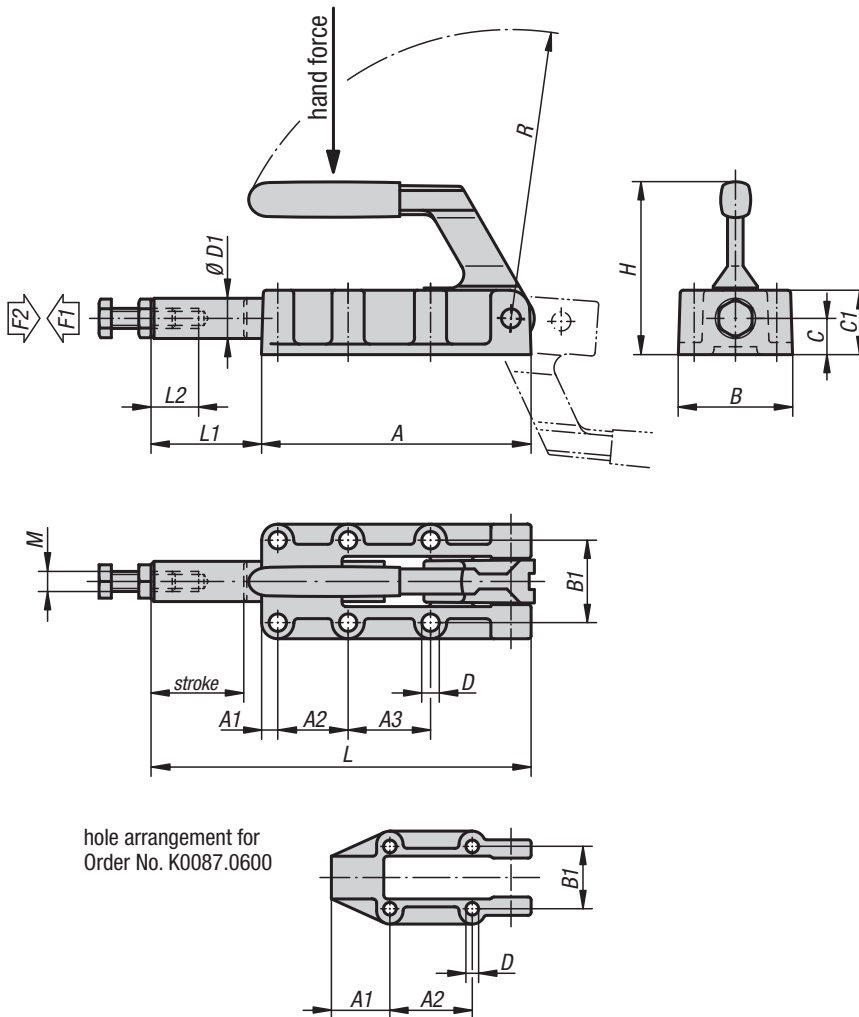
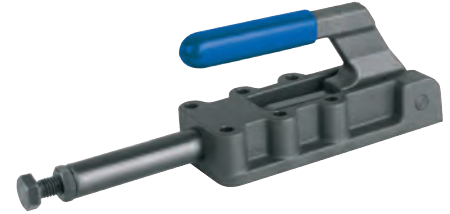
Item No.	hole Arrangement	M	A	A1	A2	A3	B	B1	B2	B3	B6	~C	C2	D	~H	~L	~L1
K0663.106101	3	M6x35	14	29	7	12	10,2	5,2	17,5	12,4	53,4	37,6	5,5	5,5	175,7	86,5	53
K0663.108101	3	M8x45	21	39	9	19	10,2	5,2	20,6	15,5	51,1	49	6,5	6,8	207,6	107	62

Push-Pull Clamps

heavy-duty version with handle

METRIC
Parts

New Item



hole arrangement for
Order No. K0087.0600

Material:

Steel, body in spheroidal graphite cast iron (GJS)

Type:

Phosphated.

Plastic handle oil-resistant

Part Number Example:

K0087.2500

Note:

The clamps lock in the open and closed handle positions. They can be used for thrust or tension clamping. The clamps have a stroke limitation for advance and retraction.

Accessories:

K0101

K0102

K0103

K0106

KIPP Push-Pull Clamps heavy-duty version with handle, metric

Item No.	Opening angle of handle	Hand force N	Holding force F2 N	Clamping force F1 N
K0087.0600	185°	140	6000	3000
K0087.1200	185°	150	12000	5000
K0087.2500	185°	170	25000	5000
K0087.5000	185°	200	50000	7000

Item No.	A	A1	A2	A3	B	B1	C	C1	D	D1	H	L	L1	L2	M	R	Stroke
K0087.0600	89	25	36,5	-	46	33,4	12	23	5,5	14	63	127	38	30	M8	95	32
K0087.1200	133	8	35	41	61	41	18	32	8,5	20	88	188	55	40	M10	143	50
K0087.2500	197	11	45	45	82	54	22	41	10,3	25	108	300	103	60	M12	200	75
K0087.5000	254	10	70	70	85	57	28	50	10,3	30	127	390	136	60	M16	245	100

Push-Pull Clamps

heavy-duty version with reversible hand lever

METRIC
Parts

New Item



Material:

Steel, body in spheroidal graphite cast iron (GJS)

Type:

Phosphated, hand lever galvanized and chromated, plastic handle oil-resistant

Part Number Example:

K0088.0600

Note:

The clamps lock in the open and closed handle positions. They can be used for thrust or tension clamping.

The clamps have a stroke limitation for advance and retraction.

Accessories:

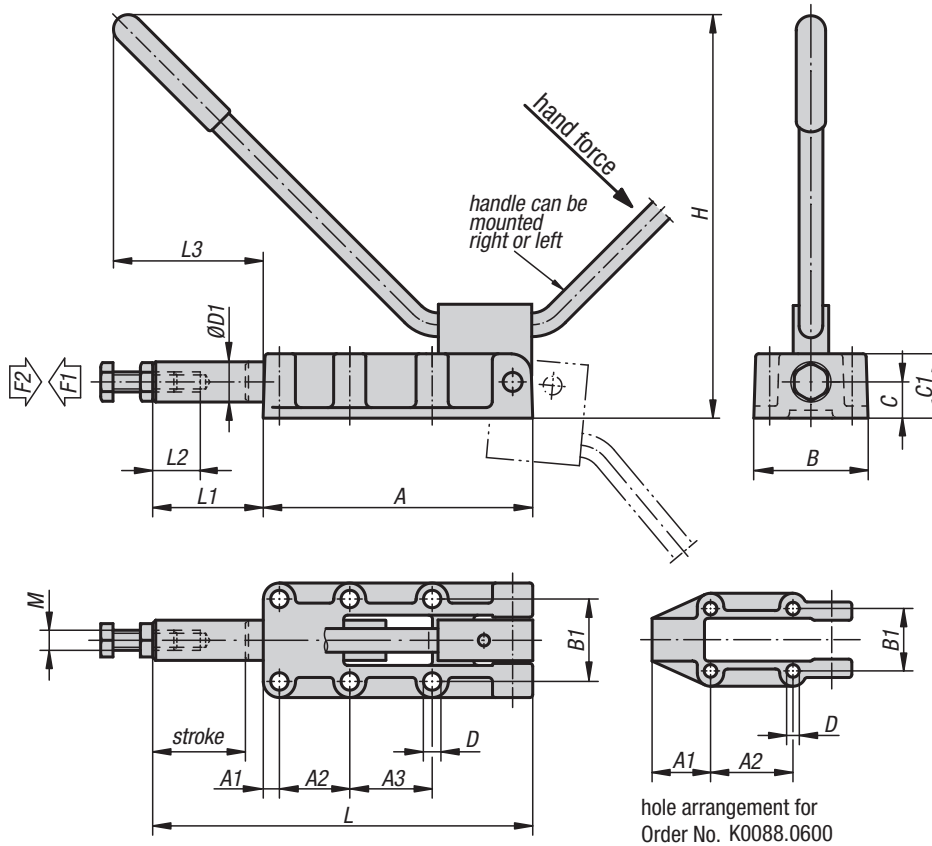
K0099

K0101

K0102

K0103

K0106



KIPP Push-pull Clamps heavy-duty version with reversible hand lever, metric

Item No.	A	A1	A2	A3	B	B1	C	C1	D	D1	H	L	L1	L2	L3	M	Stroke	Hand force N	Holding force F2 N	Opening angle of handle
K0088.0600	89	25	36,5	-	46	33,4	12	23	5,5	14	127	127	38	30	65	M8	32	140	6000	185°
K0088.1200	133	8	35	41	61	41	18	32	8,5	20	196	188	55	40	106	M10	50	150	12000	185°
K0088.2500	197	11	45	45	82	54	22	41	10,3	25	270	300	103	60	125	M12	75	170	25000	185°
K0088.5000	254	10	70	70	85	57	28	50	10,3	30	360	390	136	60	155	M16	100	200	50000	185°

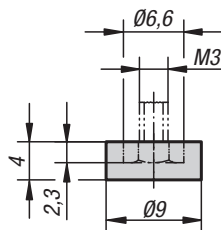
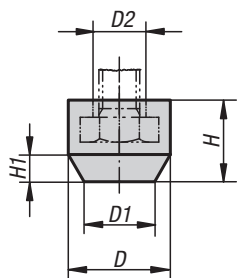
Item No.	Connecting rod extended / Clamping force F1 N
K0088.0600	5 mm / 1100 N, 10 mm / 700N, 15mm / 750N, 20mm / 800N, 25mm / 850N, 30mm / 1460N, 31mm / 1900N, 32mm / 5800N
K0088.1200	5 mm / 1670 N, 10 mm / 900N, 15mm / 730N, 20mm / 700N, 25mm / 720N, 30mm / 850N, 35mm / 1000N, 40mm / 1100N, 45mm / 1500N, 48mm / 2200N, 49mm / 2900N, 50mm / 9300N
K0088.2500	10 mm / 1000N, 20mm / 720N, 30mm / 600N, 40mm / 700N, 50mm / 880N, 60mm / 1180N, 70mm / 1900N, 72mm / 2300N, 74mm / 3530N, 75mm / 11000N
K0088.5000	10 mm / 1800N, 20mm / 1100N, 30mm / 7500N, 40mm / 800N, 50mm / 820N, 60mm / 1000N, 70mm / 1000N, 80mm / 1300N, 90mm / 1900N, 95mm / 2500N, 97mm / 3100N, 99mm/4500N, 100mm / 12100N

Protective caps

METRIC
Parts

K0106.01 - K0106.05
K0106.07

K0106.06



KIPP Protective caps, metric

Item No.	D	D1	D2	H	H1	for screws
K0106.06	-	-	-	-	-	M3
K0106.01	11	7	5,5	8,5	4	M4
K0106.02	12,5	8	6,8	10	4	M5
K0106.03	15	10	8,5	12	4	M6
K0106.04	19	13	11,3	15	6	M8
K0106.07	23	15	14,5	18	7	M10
K0106.05	26	19	16,5	20	7	M12



Material:

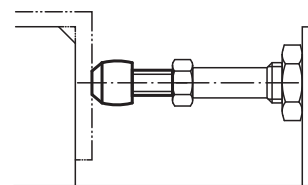
K0106.01 to K0106.05 and K0106.07:
oil-resistant rubber;
K0106.06: polyamide

Type:

Rubber: black; polyamide: white

Part Number Example:

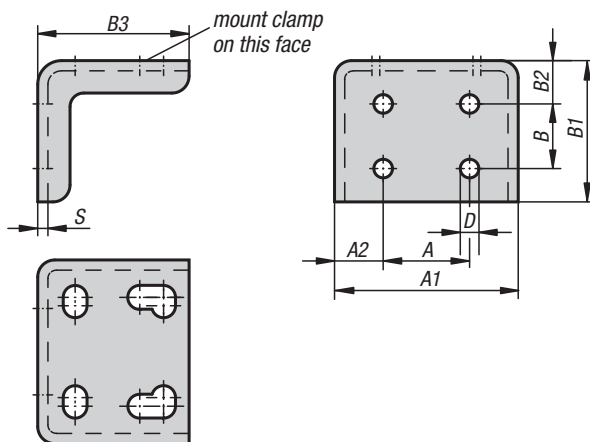
K0106.03



K0098

Angle Brackets

METRIC
Parts



Material:

Steel.

Type:

Galvanized and chromated

Part Number Example:

K0098.02

Note:

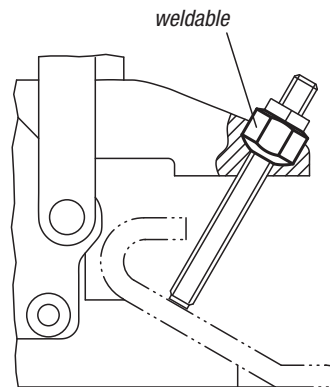
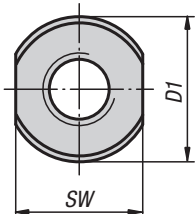
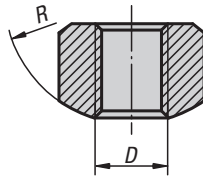
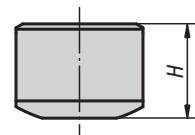
The Angle Brackets make possible head end mounting for Quick-Acting Clamps listed in the table.

KIPP Angle Brackets, metric

Item No.	A	A1	A2	B	B1	B2	B3	D	S
K0098.02	18	43	12,5	15	36,5	13,5	29,5	5	2
K0098.04	25,4	54	14,2	19	41,5	12,7	44,5	5,5	3
K0098.06	44	76	16	32	62	21	66	8,6	4

Spherical Seating Nuts

METRIC
Parts



Material:
Steel.

Type:
Black oxide finish.

Part Number Example:
K0664.04

KIPP Spherical Seating Nuts, metric

Item No.	Material	D	H	D1	SW	R
K0664.04	steel	M4	5,2	8	7	7
K0664.05	steel	M5	6,7	10	9	9
K0664.06	steel	M6	9,5	13,5	12,2	10
K0664.08	steel	M8	12,8	18	15,3	12
K0664.10	steel	M10	12,1	20	18,2	14
K0664.12	steel	M12	14,8	23	20	16

K0383

Ball-end Thrust Screws

without head, with full ball

METRIC
Parts



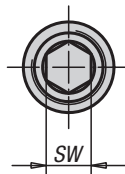
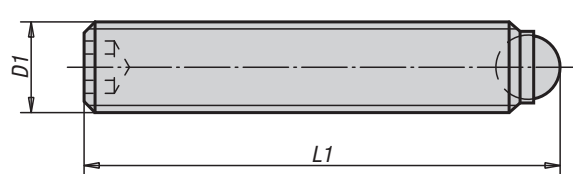
Material:

Screw tempered steel, quality class 10.9.
Ball in ball-bearing steel.

Type:

Screw black.
Ball hardened and natural finish.

Part Number Example:
K0383.10650



KIPP Ball-end Thrust Screws without head, with full ball, metric

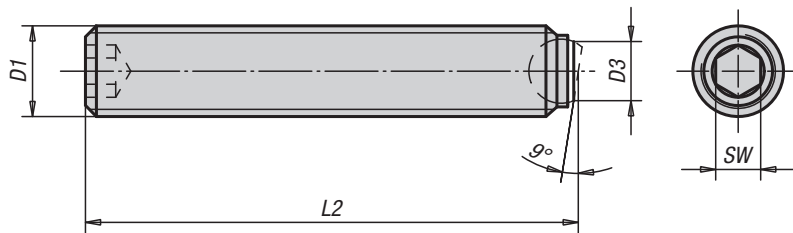
Item No.	D1	L1	Ball-Ø	SW	Load rating max. kN (static load only)
K0383.10650	M6	50,8	4	3	9
K0383.10660	M6	60,8	4	3	9
K0383.10850	M8	51,2	5,5	4	15
K0383.10860	M8	61,2	5,5	4	15
K0383.10880	M8	81,2	5,5	4	15

Ball-end Thrust Screws

without head, with flattened ball



METRIC
Parts



Material:

Screw tempered steel, quality class 10.9.
Ball in ball-bearing steel.

Type:

Screw black.
Ball hardened and natural finish.

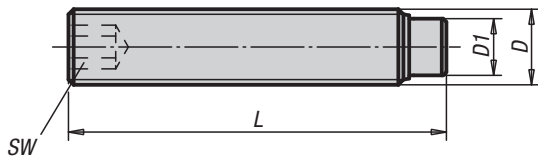
Part Number Example:

K0383.20650

KIPP Ball-end Thrust Screws without head, with flattened ball, metric

Item No.	D1	L2	D3	Ball-Ø	SW	Load rating max. kN (static load only)
K0383.20650	M6	50,1	3	4	3	9
K0383.20660	M6	60,1	3	4	3	9
K0383.20850	M8	50,3	4,1	5,5	4	15
K0383.20860	M8	60,3	4,1	5,5	4	15
K0383.20880	M8	80,3	4,1	5,5	4	15

Thrust Screws

METRIC
Parts**Material:**

Screw quality class 10.9.
Bolt brass or POM.

Type:

Screw black oxide finish.

Part Number Example:

K0389.04X305
(include length L)

Note:

The brass pin is pressed into the thrust screw.
Thrust Screws are particularly suitable for clamping
or exerting pressure on threaded spindles, axles,
shafts and treated surfaces without marring.

KIPP Thrust Screws, metric

Item No. bolt brass	D	D1	SW	L
K0389.04X	M4	2,5	2	30,5/40,5
K0389.05X	M5	3	2,5	30,5/40,5
K0389.06X	M6	4	3	41,5/51,5/61,5
K0389.08X	M8	5,5	4	52/62/82
K0389.10X	M10	7	5	52/62/82
K0389.12X	M12	8,5	6	52,5/62,5/82,5

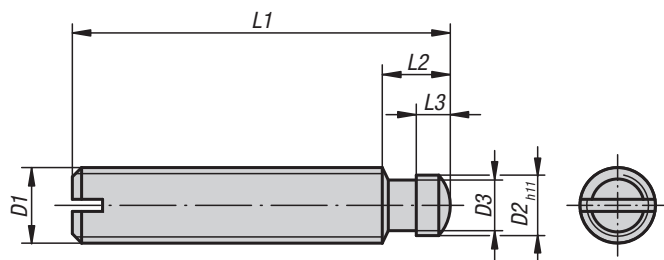
Item No. bolt POM	D	D1	SW	L
K0389.104X	M4	2	2	31/41
K0389.105X	M5	3	2,5	31/41
K0389.106X	M6	3,5	3	41,3/51,3/61,3
K0389.108X	M8	5	4	51,6/61,6/81,6
K0389.110X	M10	6,5	5	51,9/61,9/81,9
K0389.112X	M12	8	6	52,1/62,1/82,1

Grub Screws

with thrust point to DIN 6332

METRIC
Parts

Expanded Line



Material:

Steel or stainless steel

Type:

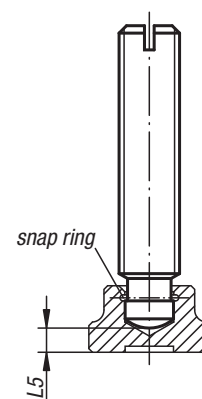
Steel: thrust point case-hardened, black.
Stainless steel: natural finish.

Part Number Example:

K0390.12X60
(include length L1)

Note:

The thrust journal of the Grub Screws to DIN 6332 is designed for direct clamping as well as for use in conjunction with a Thrust Pad K0392.



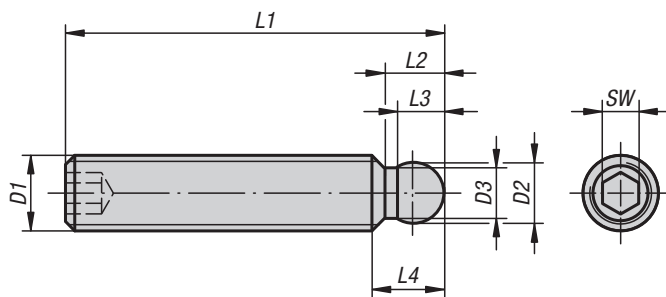
KIPP Grub Screws with thrust point to DIN 6332, metric

Item No. steel	Item No. stainless steel	D1	L1	D2	D3	L2	L3	L5
K0390.06X	K0390.061X	M6	30/35/40/50	4,5	4	6	2,5	2,2
K0390.08X	K0390.081X	M8	35/40/45/50/60	6	5,4	7,5	3	3
K0390.10X	K0390.101X	M10	50/55/60/65/80	8	7,2	9	4,5	3,6
K0390.12X	K0390.121X	M12	60/65/70/80/100	8	7,2	10	4,5	4,5

Grub Screws

with ball thrust point

METRIC
Parts



Material:

Quality class 5.8.

Type:

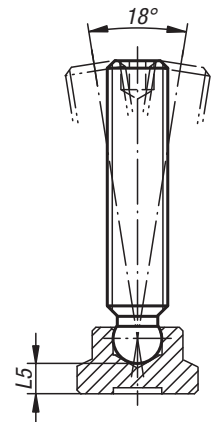
Black oxide finish.

Part Number Example:

K0391.06X50
(include length L1)

Note:

The Grub Screws are used in conjunction with a Thrust Pad K0393.



KIPP Grub Screws with ball thrust point, metric

Item No.	D1	L1	D2	D3	L2	L3	L4	L5	SW
K0391.06X	M6	30/35/40/50	4,5	3,5	4,3	3,7	5,5	3,8	3
K0391.08X	M8	35/40/45/50/60	6	4,8	5,8	4,8	7,4	4,4	4
K0391.10X	M10	50/55/60/65/80	8	6,5	7,3	6,3	9	5	5
K0391.12X	M12	60/65/70/80	8	6,6	7,1	6,3	9,8	6,9	6