



Handwheels, handles, position indicators

Grey cast iron handwheels
DIN 950
K0671



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Aluminium handwheels
DIN 950
K0160



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Aluminium disc
handwheels
K0161



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with straight wheel rim
K0162



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Aluminium disc handwheels
similar to DIN 950
K0163



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Disc handwheels
with revolving taper grip
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Disc handwheels
without taper grip
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Handwheels
K0256



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Handwheels
with cylindrical revolving grip
K0257



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Handwheels
with cylindrical fold-away grip
K0258



NG

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Handwheels
with cylindrical safety grip
K0259



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Duroplastic handwheels
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K0262



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K0275



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Revolving handles
short version
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K0727



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Handwheels, handles, position indicators

Crank handles
with cylindrical fold-away grip
K0266



NG

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Crank handles
with cylindrical revolving grip
K0659



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Crank handles
with cylindrical safety grip
K0268



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Balanced handles
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Cylindrical revolving grips
K0263



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Cylindrical fold-away grips
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Cylindrical safety grips
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K0265



NG

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Fixed machine handles
DIN 39 Form E, in steel
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Fixed machine handles
DIN 39 Form E, in aluminium
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Revolving machine handles
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Revolving machine handles
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Revolving taper grips
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Digital position indicators
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Digital position indicators
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Digital position indicators
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Handwheels, handles, position indicators

Position indicators
freely programmable
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Insert plates
K0413



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Mounting plates
K0414

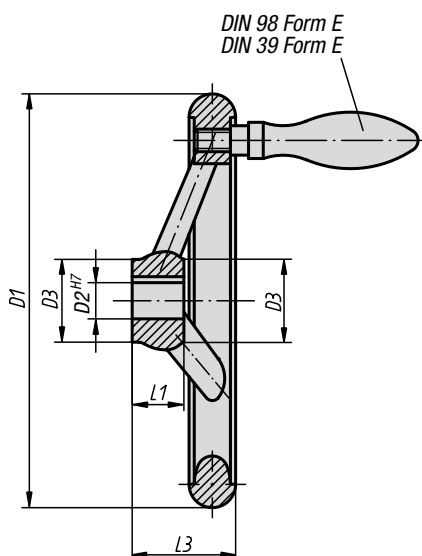
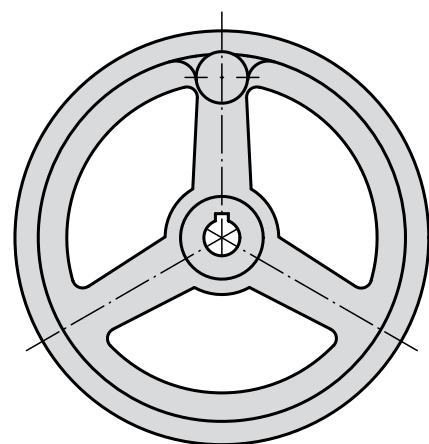


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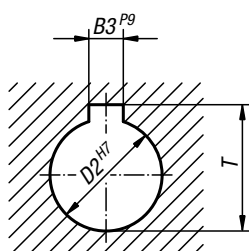


Grey cast iron handwheels

DIN 950



hub slot according to DIN 6885-1



Material:

Handwheel in grey cast iron.
Machine handle in steel.

Surface finish:

Wheel rim turned and polished.
Centre bore is concentric and parallel with outside of handle to IT 12.

Sample order:

K0671.4080X10

On request:

Hubs with square socket or plastic-coated handwheels.

KIPP Grey cast iron handwheels DIN 950 without machine handle

Order No. hub without slot	Order No. hub with slot	D1	D2 line 1	D2 line 2	D3	L1	L3	B3 line 1	B3 line 2	T line 1	T line 2	Number of spokes	Approx. weight kg
K0671.0080X10	K0671.1080X10	80	10	-	24	16	29	3	-	11,4	-	3	0,350
K0671.0080X12	K0671.1080X12	80	-	12	24	16	29	-	4	-	13,8	3	0,350
K0671.0100X10	K0671.1100X10	100	10	-	26	17	33	3	-	11,4	-	3	0,600
K0671.0100X12	K0671.1100X12	100	-	12	26	17	33	-	4	-	13,8	3	0,600
K0671.0125X12	K0671.1125X12	125	12	-	28	18	36	4	-	13,8	-	3	0,800
K0671.0125X14	K0671.1125X14	125	-	14	28	18	36	-	5	-	16,3	3	0,800
K0671.0140X14	K0671.1140X14	140	14	-	30	19	39	5	-	16,3	-	3	1,000
K0671.0140X16	K0671.1140X16	140	-	16	30	19	39	-	5	-	18,3	3	1,000
K0671.0160X14	K0671.1160X14	160	14	-	32	20	40	5	-	16,3	-	3	1,350
K0671.0160X16	K0671.1160X16	160	-	16	32	20	40	-	5	-	18,3	3	1,350
K0671.0180X16	K0671.1180X16	180	16	-	35	22	43	5	-	18,3	-	3	1,600
K0671.0180X18	K0671.1180X18	180	-	18	35	22	43	-	6	-	20,8	3	1,600
K0671.0200X18	K0671.1200X18	200	18	-	38	24	45	6	-	20,8	-	3	2,300
K0671.0200X22	K0671.1200X22	200	-	22	38	24	45	-	6	-	24,8	3	2,300
K0671.0250X22	K0671.1250X22	250	22	-	45	28	50	6	-	24,8	-	5	4,250
K0671.0250X26	K0671.1250X26	250	-	26	45	28	50	-	8	-	29,3	5	4,250
K0671.0315X26	K0671.1315X26	315	26	-	53	33	56	8	-	29,3	-	5	6,400
K0671.0315X30	K0671.1315X30	315	-	30	53	33	56	-	8	-	33,3	5	6,400
K0671.0400X30	K0671.1400X30	400	30	-	65	38	63	8	-	33,3	-	5	10,500
K0671.0400X34	K0671.1400X34	400	-	34	65	38	63	-	10	-	37,3	5	10,500
K0671.0500X34	K0671.1500X34	500	34	-	78	45	72	10	-	37,3	-	5	17,000
K0671.0500X40	K0671.1500X40	500	-	40	78	45	72	-	12	-	43,3	5	17,000

Grey cast iron handwheels

DIN 950



KIPP Grey cast iron handwheels DIN 950 with fixed machine handle

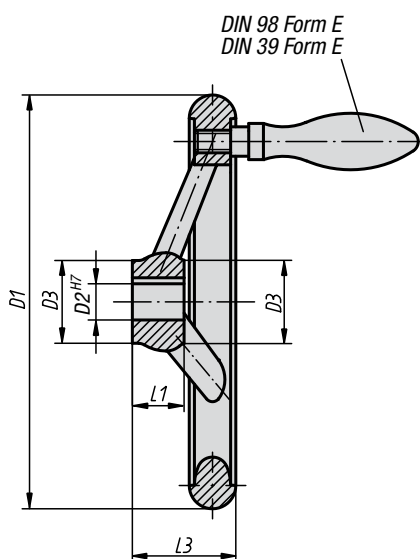
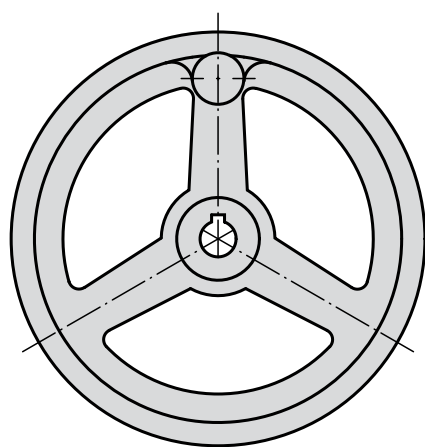
Order No. hub without slot	Order No. hub with slot	D1	D2 line 1	D2 line 2	D3	L1	L3	B3 line 1	B3 line 2	T line 1	T line 2	Number of spokes	fixed machine handle DIN 39 Form E	Approx. weight kg
K0671.2080X10	K0671.3080X10	80	10	-	24	16	29	3	-	11,4	-	3	ø16 x M6 x 50	0,400
K0671.2080X12	K0671.3080X12	80	-	12	24	16	29	-	4	-	13,8	3	ø16 x M6 x 50	0,400
K0671.2100X10	K0671.3100X10	100	10	-	26	17	33	3	-	11,4	-	3	ø16 x M6 x 50	0,650
K0671.2100X12	K0671.3100X12	100	-	12	26	17	33	-	4	-	13,8	3	ø16 x M6 x 50	0,650
K0671.2125X12	K0671.3125X12	125	12	-	28	18	36	4	-	13,8	-	3	ø20 x M8 x 64	0,890
K0671.2125X14	K0671.3125X14	125	-	14	28	18	36	-	5	-	16,3	3	ø20 x M8 x 64	0,890
K0671.2140X14	K0671.3140X14	140	14	-	30	19	39	5	-	16,3	-	3	ø20 x M8 x 64	1,090
K0671.2140X16	K0671.3140X16	140	-	16	30	19	39	-	5	-	18,3	3	ø20 x M8 x 64	1,090
K0671.2160X14	K0671.3160X14	160	14	-	32	20	40	5	-	16,3	-	3	ø25 x M10 x 80	1,530
K0671.2160X16	K0671.3160X16	160	-	16	32	20	40	-	5	-	18,3	3	ø25 x M10 x 80	1,530
K0671.2180X16	K0671.3180X16	180	16	-	35	22	43	5	-	18,3	-	3	ø25 x M10 x 80	1,780
K0671.2180X18	K0671.3180X18	180	-	18	35	22	43	-	6	-	20,8	3	ø25 x M10 x 80	1,780
K0671.2200X18	K0671.3200X18	200	18	-	38	24	45	6	-	20,8	-	3	ø25 x M10 x 80	2,480
K0671.2200X22	K0671.3200X22	200	-	22	38	24	45	-	6	-	24,8	3	ø25 x M10 x 80	2,480
K0671.2250X22	K0671.3250X22	250	22	-	45	28	50	6	-	24,8	-	5	ø32 x M12 x 100	4,610
K0671.2250X26	K0671.3250X26	250	-	26	45	28	50	-	8	-	29,3	5	ø32 x M12 x 100	4,610
K0671.2315X26	K0671.3315X26	315	26	-	53	33	56	8	-	29,3	-	5	ø32 x M12 x 100	6,760
K0671.2315X30	K0671.3315X30	315	-	30	53	33	56	-	8	-	33,3	5	ø32 x M12 x 100	6,760
K0671.2400X30	K0671.3400X30	400	30	-	65	38	63	8	-	33,3	-	5	ø36 x M16 x 112	11,030
K0671.2400X34	K0671.3400X34	400	-	34	65	38	63	-	10	-	37,3	5	ø36 x M16 x 112	11,030
K0671.2500X34	K0671.3500X34	500	34	-	78	45	72	10	-	37,3	-	5	ø36 x M16 x 112	17,530
K0671.2500X40	K0671.3500X40	500	-	40	78	45	72	-	12	-	43,3	5	ø36 x M16 x 112	17,530

KIPP Grey cast iron handwheels DIN 950 with revolving machine handle

Order No. hub without slot	Order No. hub with slot	D1	D2 line 1	D2 line 2	D3	L1	L3	B3 line 1	B3 line 2	T line 1	T line 2	Number of spokes	revolving machine handle DIN 98 Form E	Approx. weight kg
K0671.4080X10	K0671.5080X10	80	10	-	24	16	29	3	-	11,4	-	3	ø16 x M6 x 54,5	0,400
K0671.4080X12	K0671.5080X12	80	-	12	24	16	29	-	4	-	13,8	3	ø16 x M6 x 54,5	0,400
K0671.4100X10	K0671.5100X10	100	10	-	26	17	33	3	-	11,4	-	3	ø16 x M6 x 54,5	0,650
K0671.4100X12	K0671.5100X12	100	-	12	26	17	33	-	4	-	13,8	3	ø16 x M6 x 54,5	0,650
K0671.4125X12	K0671.5125X12	125	12	-	28	18	36	4	-	13,8	-	3	ø20 x M8 x 67	0,890
K0671.4125X14	K0671.5125X14	125	-	14	28	18	36	-	5	-	16,3	3	ø20 x M8 x 67	0,890
K0671.4140X14	K0671.5140X14	140	14	-	30	19	39	5	-	16,3	-	3	ø20 x M8 x 67	1,090
K0671.4140X16	K0671.5140X16	140	-	16	30	19	39	-	5	-	18,3	3	ø20 x M8 x 67	1,090
K0671.4160X14	K0671.5160X14	160	14	-	32	20	40	5	-	16,3	-	3	ø25 x M10 x 83	1,530
K0671.4160X16	K0671.5160X16	160	-	16	32	20	40	-	5	-	18,3	3	ø25 x M10 x 83	1,530
K0671.4180X16	K0671.5180X16	180	16	-	35	22	43	5	-	18,3	-	3	ø25 x M10 x 83	1,780
K0671.4180X18	K0671.5180X18	180	-	18	35	22	43	-	6	-	20,8	3	ø25 x M10 x 83	1,780
K0671.4200X18	K0671.5200X18	200	18	-	38	24	45	6	-	20,8	-	3	ø25 x M10 x 83	2,480
K0671.4200X22	K0671.5200X22	200	-	22	38	24	45	-	6	-	24,8	3	ø25 x M10 x 83	2,480
K0671.4250X22	K0671.5250X22	250	22	-	45	28	50	6	-	24,8	-	5	ø32 x M12 x 105,5	4,610
K0671.4250X26	K0671.5250X26	250	-	26	45	28	50	-	8	-	29,3	5	ø32 x M12 x 105,5	4,610
K0671.4315X26	K0671.5315X26	315	26	-	53	33	56	8	-	29,3	-	5	ø32 x M12 x 105,5	6,760
K0671.4315X30	K0671.5315X30	315	-	30	53	33	56	-	8	-	33,3	5	ø32 x M12 x 105,5	6,760
K0671.4400X30	K0671.5400X30	400	30	-	65	38	63	8	-	33,3	-	5	ø36 x M16 x 117	11,030
K0671.4400X34	K0671.5400X34	400	-	34	65	38	63	-	10	-	37,3	5	ø36 x M16 x 117	11,030
K0671.4500X34	K0671.5500X34	500	34	-	78	45	72	10	-	37,3	-	5	ø36 x M16 x 117	17,530
K0671.4500X40	K0671.5500X40	500	-	40	78	45	72	-	12	-	43,3	5	ø36 x M16 x 117	17,530

Aluminium handwheels

DIN 950



Material:

Handwheel in aluminium.
Machine handle in aluminium.
Axle part in steel, black oxide finish.

Surface finish:

Wheel rim turned and polished.
Centre bore is concentric and parallel with outside of handle to IT 12.

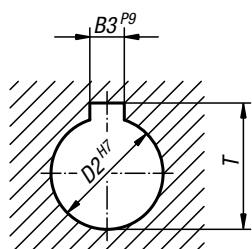
Sample order:

K0160.4080X10

On request:

Hubs with square socket or plastic-coated handwheels.

hub slot according to DIN 6885-1



KIPP Aluminium handwheels DIN 950 without machine handle

Order No. hub without slot	Order No. hub with slot	D1	D2 line 1	D2 line 2	D3	L1	L3	B3 line 1	B3 line 2	T line 1	T line 2	Number of spokes
K0160.0080X10	K0160.1080X10	80	10	-	24	16	29	3	-	11,4	-	3
K0160.0080X12	K0160.1080X12	80	-	12	24	16	29	-	4	-	13,8	3
K0160.0100X10	K0160.1100X10	100	10	-	26	17	33	3	-	11,4	-	3
K0160.0100X12	K0160.1100X12	100	-	12	26	17	33	-	4	-	13,8	3
K0160.0125X12	K0160.1125X12	125	12	-	28	18	36	4	-	13,8	-	3
K0160.0125X14	K0160.1125X14	125	-	14	28	18	36	-	5	-	16,3	3
K0160.0140X14	K0160.1140X14	140	14	-	30	19	39	5	-	16,3	-	3
K0160.0140X16	K0160.1140X16	140	-	16	30	19	39	-	5	-	18,3	3
K0160.0160X14	K0160.1160X14	160	14	-	32	20	40	5	-	16,3	-	3
K0160.0160X16	K0160.1160X16	160	-	16	32	20	40	-	5	-	18,3	3
K0160.0180X16	K0160.1180X16	180	16	-	35	22	43	5	-	18,3	-	3
K0160.0180X18	K0160.1180X18	180	-	18	35	22	43	-	6	-	20,8	3
K0160.0200X18	K0160.1200X18	200	18	-	38	24	45	6	-	20,8	-	3
K0160.0200X22	K0160.1200X22	200	-	22	38	24	45	-	6	-	24,8	3
K0160.0250X22	K0160.1250X22	250	22	-	45	28	50	6	-	24,8	-	5
K0160.0250X26	K0160.1250X26	250	-	26	45	28	50	-	8	-	29,3	5
K0160.0315X26	K0160.1315X26	315	26	-	53	33	56	8	-	29,3	-	5
K0160.0315X30	K0160.1315X30	315	-	30	53	33	56	-	8	-	33,3	5
K0160.0400X30	K0160.1400X30	400	30	-	65	38	63	8	-	33,3	-	5
K0160.0400X34	K0160.1400X34	400	-	34	65	38	63	-	10	-	37,3	5
K0160.0500X34	K0160.1500X34	500	34	-	78	45	72	10	-	37,3	-	5
K0160.0500X40	K0160.1500X40	500	-	40	78	45	72	-	12	-	43,3	5

Aluminium handwheels

DIN 950



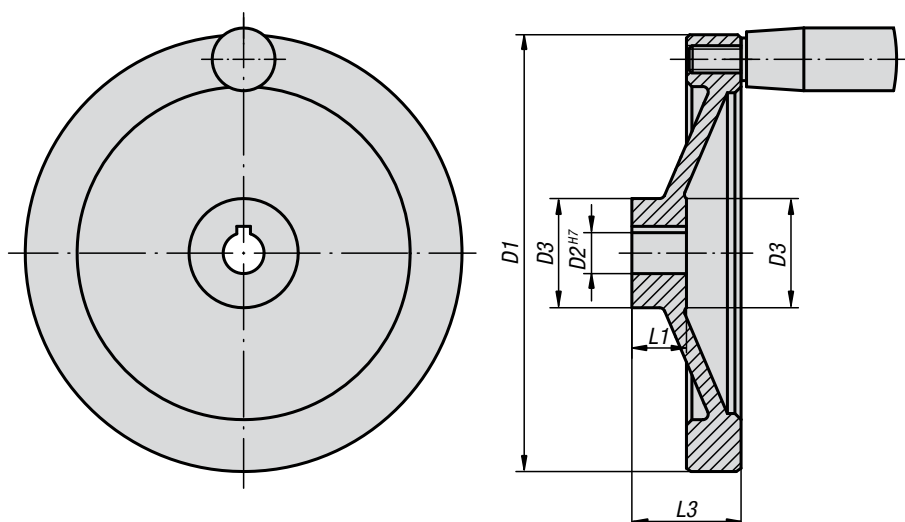
KIPP Aluminium handwheels DIN 950 with fixed machine handle

Order No. hub without slot	Order No. hub with slot	D1	D2 line 1	D2 line 2	D3	L1	L3	B3 line 1	B3 line 2	T line 1	T line 2	Number of spokes	fixed machine handle DIN 39 Form E
K0160.2080X10	K0160.3080X10	80	10	-	24	16	29	3	-	11,4	-	3	ø16 x M6 x 50
K0160.2080X12	K0160.3080X12	80	-	12	24	16	29	-	4	-	13,8	3	ø16 x M6 x 50
K0160.2100X10	K0160.3100X10	100	10	-	26	17	33	3	-	11,4	-	3	ø16 x M6 x 50
K0160.2100X12	K0160.3100X12	100	-	12	26	17	33	-	4	-	13,8	3	ø16 x M6 x 50
K0160.2125X12	K0160.3125X12	125	12	-	28	18	36	4	-	13,8	-	3	ø20 x M8 x 64
K0160.2125X14	K0160.3125X14	125	-	14	28	18	36	-	5	-	16,3	3	ø20 x M8 x 64
K0160.2140X14	K0160.3140X14	140	14	-	30	19	39	5	-	16,3	-	3	ø20 x M8 x 64
K0160.2140X16	K0160.3140X16	140	-	16	30	19	39	-	5	-	18,3	3	ø20 x M8 x 64
K0160.2160X14	K0160.3160X14	160	14	-	32	20	40	5	-	16,3	-	3	ø25 x M10 x 80
K0160.2160X16	K0160.3160X16	160	-	16	32	20	40	-	5	-	18,3	3	ø25 x M10 x 80
K0160.2180X16	K0160.3180X16	180	16	-	35	22	43	5	-	18,3	-	3	ø25 x M10 x 80
K0160.2180X18	K0160.3180X18	180	-	18	35	22	43	-	6	-	20,8	3	ø25 x M10 x 80
K0160.2200X18	K0160.3200X18	200	18	-	38	24	45	6	-	20,8	-	3	ø25 x M10 x 80
K0160.2200X22	K0160.3200X22	200	-	22	38	24	45	-	6	-	24,8	3	ø25 x M10 x 80
K0160.2250X22	K0160.3250X22	250	22	-	45	28	50	6	-	24,8	-	5	ø32 x M12 x 100
K0160.2250X26	K0160.3250X26	250	-	26	45	28	50	-	8	-	29,3	5	ø32 x M12 x 100
K0160.2315X26	K0160.3315X26	315	26	-	53	33	56	8	-	29,3	-	5	ø32 x M12 x 100
K0160.2315X30	K0160.3315X30	315	-	30	53	33	56	-	8	-	33,3	5	ø32 x M12 x 100
K0160.2400X30	K0160.3400X30	400	30	-	65	38	63	8	-	33,3	-	5	ø36 x M16 x 112
K0160.2400X34	K0160.3400X34	400	-	34	65	38	63	-	10	-	37,3	5	ø36 x M16 x 112
K0160.2500X34	K0160.3500X34	500	34	-	78	45	72	10	-	37,3	-	5	ø36 x M16 x 112
K0160.2500X40	K0160.3500X40	500	-	40	78	45	72	-	12	-	43,3	5	ø36 x M16 x 112

KIPP Aluminium handwheels DIN 950 with revolving machine handle

Order No. hub without slot	Order No. hub with slot	D1	D2 line 1	D2 line 2	D3	L1	L3	B3 line 1	B3 line 2	T line 1	T line 2	Number of spokes	revolving machine handle DIN 98 Form E
K0160.4080X10	K0160.5080X10	80	10	-	24	16	29	3	-	11,4	-	3	ø16 x M6 x 54,5
K0160.4080X12	K0160.5080X12	80	-	12	24	16	29	-	4	-	13,8	3	ø16 x M6 x 54,5
K0160.4100X10	K0160.5100X10	100	10	-	26	17	33	3	-	11,4	-	3	ø16 x M6 x 54,5
K0160.4100X12	K0160.5100X12	100	-	12	26	17	33	-	4	-	13,8	3	ø16 x M6 x 54,5
K0160.4125X12	K0160.5125X12	125	12	-	28	18	36	4	-	13,8	-	3	ø20 x M8 x 67
K0160.4125X14	K0160.5125X14	125	-	14	28	18	36	-	5	-	16,3	3	ø20 x M8 x 67
K0160.4140X14	K0160.5140X14	140	14	-	30	19	39	5	-	16,3	-	3	ø20 x M8 x 67
K0160.4140X16	K0160.5140X16	140	-	16	30	19	39	-	5	-	18,3	3	ø20 x M8 x 67
K0160.4160X14	K0160.5160X14	160	14	-	32	20	40	5	-	16,3	-	3	ø25 x M10 x 83
K0160.4160X16	K0160.5160X16	160	-	16	32	20	40	-	5	-	18,3	3	ø25 x M10 x 83
K0160.4180X16	K0160.5180X16	180	16	-	35	22	43	5	-	18,3	-	3	ø25 x M10 x 83
K0160.4180X18	K0160.5180X18	180	-	18	35	22	43	-	6	-	20,8	3	ø25 x M10 x 83
K0160.4200X18	K0160.5200X18	200	18	-	38	24	45	6	-	20,8	-	3	ø25 x M10 x 83
K0160.4200X22	K0160.5200X22	200	-	22	38	24	45	-	6	-	24,8	3	ø25 x M10 x 83
K0160.4250X22	K0160.5250X22	250	22	-	45	28	50	6	-	24,8	-	5	ø32 x M12 x 105,5
K0160.4250X26	K0160.5250X26	250	-	26	45	28	50	-	8	-	29,3	5	ø32 x M12 x 105,5
K0160.4315X26	K0160.5315X26	315	26	-	53	33	56	8	-	29,3	-	5	ø32 x M12 x 105,5
K0160.4315X30	K0160.5315X30	315	-	30	53	33	56	-	8	-	33,3	5	ø32 x M12 x 105,5
K0160.4400X30	K0160.5400X30	400	30	-	65	38	63	8	-	33,3	-	5	ø36 x M16 x 117
K0160.4400X34	K0160.5400X34	400	-	34	65	38	63	-	10	-	37,3	5	ø36 x M16 x 117
K0160.4500X34	K0160.5500X34	500	34	-	78	45	72	10	-	37,3	-	5	ø36 x M16 x 117
K0160.4500X40	K0160.5500X40	500	-	40	78	45	72	-	12	-	43,3	5	ø36 x M16 x 117

Aluminium disc handwheels


Material:

Disc handwheel in aluminium.
Cylindrical grip in black duroplastic PF 31-DIN 7708.
Axle part in galvanized steel.

Surface finish:

Wheel rim turned and polished.
Centre bore is concentric and parallel with outside of handle to IT 12.

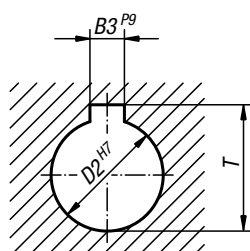
Sample order:

K0161.4080X10

On request:

Hubs with square socket or plastic-coated handwheels.

hub slot according to DIN 6885-1



KIPP Aluminium disc handwheels without cylindrical grip

Order No. hub without slot	Order No. hub with slot	D1	D2 line 1	D2 line 2	D3	L1	L3	B3 line 1	B3 line 2	T line 1	T line 2
K0161.0080X10	K0161.1080X10	80	10	-	25	16	31	3	-	11,4	-
K0161.0080X12	K0161.1080X12	80	-	12	25	16	31	-	4	-	13,8
K0161.0100X10	K0161.1100X10	100	10	-	31	17	34	3	-	11,4	-
K0161.0100X12	K0161.1100X12	100	-	12	31	17	34	-	4	-	13,8
K0161.0125X12	K0161.1125X12	125	12	-	30	18	37	4	-	13,8	-
K0161.0125X14	K0161.1125X14	125	-	14	30	18	37	-	5	-	16,3
K0161.0140X14	K0161.1140X14	140	14	-	34	19	34	5	-	16,3	-
K0161.0140X15	K0161.1140X15	140	-	15	34	19	34	-	5	-	17,3
K0161.0160X15	K0161.1160X15	160	15	-	40	20	40	5	-	17,3	-
K0161.0160X16	K0161.1160X16	160	-	16	40	20	40	-	5	-	18,3
K0161.0200X18	K0161.1200X18	200	18	-	50	24	46	6	-	20,8	-
K0161.0200X20	K0161.1200X20	200	-	20	50	24	46	-	6	-	22,8
K0161.0250X22	K0161.1250X22	250	22	-	50	28	49	6	-	24,8	-
K0161.0250X24	K0161.1250X24	250	-	24	50	28	49	-	8	-	27,3

Aluminium disc handwheels



KIPP Aluminium disc handwheels with fixed cylindrical grip

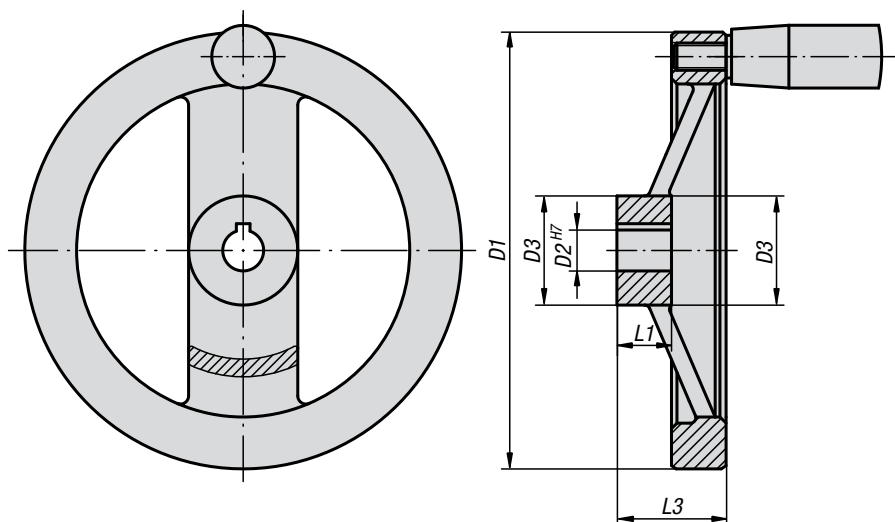
Order No. hub without slot	Order No. hub with slot	D1	D2 line 1	D2 line 2	D3	L1	L3	B3 line 1	B3 line 2	T line 1	T line 2	Fixed cylindrical grip
K0161.2080X10	K0161.3080X10	80	10	-	25	16	31	3	-	11,4	-	ø18 x M6 x 40
K0161.2080X12	K0161.3080X12	80	-	12	25	16	31	-	4	-	13,8	ø18 x M6 x 40
K0161.2100X10	K0161.3100X10	100	10	-	31	17	34	3	-	11,4	-	ø18 x M6 x 40
K0161.2100X12	K0161.3100X12	100	-	12	31	17	34	-	4	-	13,8	ø18 x M6 x 40
K0161.2125X12	K0161.3125X12	125	12	-	30	18	37	4	-	13,8	-	ø21 x M8 x 50
K0161.2125X14	K0161.3125X14	125	-	14	30	18	37	-	5	-	16,3	ø21 x M8 x 50
K0161.2140X14	K0161.3140X14	140	14	-	34	19	34	5	-	16,3	-	ø21 x M8 x 50
K0161.2140X15	K0161.3140X15	140	-	15	34	19	34	-	5	-	17,3	ø21 x M8 x 50
K0161.2160X15	K0161.3160X15	160	15	-	40	20	40	5	-	17,3	-	ø26 x M10 x 80
K0161.2160X16	K0161.3160X16	160	-	16	40	20	40	-	5	-	18,3	ø26 x M10 x 80
K0161.2200X18	K0161.3200X18	200	18	-	50	24	46	6	-	20,8	-	ø26 x M10 x 80
K0161.2200X20	K0161.3200X20	200	-	20	50	24	46	-	6	-	22,8	ø26 x M10 x 80
K0161.2250X22	K0161.3250X22	250	22	-	50	28	49	6	-	24,8	-	ø28 x M12 x 90
K0161.2250X24	K0161.3250X24	250	-	24	50	28	49	-	8	-	27,3	ø28 x M12 x 90

KIPP Aluminium disc handwheels with revolving cylindrical grip

Order No. hub without slot	Order No. hub with slot	D1	D2 line 1	D2 line 2	D3	L1	L3	B3 line 1	B3 line 2	T line 1	T line 2	Revolving cylindrical grip
K0161.4080X10	K0161.5080X10	80	10	-	25	16	31	3	-	11,4	-	ø18 x M6 x 40
K0161.4080X12	K0161.5080X12	80	-	12	25	16	31	-	4	-	13,8	ø18 x M6 x 40
K0161.4100X10	K0161.5100X10	100	10	-	31	17	34	3	-	11,4	-	ø18 x M6 x 40
K0161.4100X12	K0161.5100X12	100	-	12	31	17	34	-	4	-	13,8	ø18 x M6 x 40
K0161.4125X12	K0161.5125X12	125	12	-	30	18	37	4	-	13,8	-	ø22 x M8 x 56
K0161.4125X14	K0161.5125X14	125	-	14	30	18	37	-	5	-	16,3	ø22 x M8 x 56
K0161.4140X14	K0161.5140X14	140	14	-	34	19	34	5	-	16,3	-	ø22 x M8 x 56
K0161.4140X15	K0161.5140X15	140	-	15	34	19	34	-	5	-	17,3	ø22 x M8 x 56
K0161.4160X15	K0161.5160X15	160	15	-	40	20	40	5	-	17,3	-	ø26 x M10 x 80
K0161.4160X16	K0161.5160X16	160	-	16	40	20	40	-	5	-	18,3	ø26 x M10 x 80
K0161.4200X18	K0161.5200X18	200	18	-	50	24	46	6	-	20,8	-	ø26 x M10 x 80
K0161.4200X20	K0161.5200X20	200	-	20	50	24	46	-	6	-	22,8	ø26 x M10 x 80
K0161.4250X22	K0161.5250X22	250	22	-	50	28	49	6	-	24,8	-	ø31 x M12 x 102
K0161.4250X24	K0161.5250X24	250	-	24	50	28	49	-	8	-	27,3	ø31 x M12 x 102

2-spoke aluminium handwheels

with straight wheel rim



Material:

Spoked handwheels aluminium.
Cylindrical grip in black duroplastic PF 31-DIN 7708.
Axle part in galvanized steel.

Surface finish:

Wheel rim turned and polished.
Centre bore is concentric and parallel with outside of handle to IT 12.

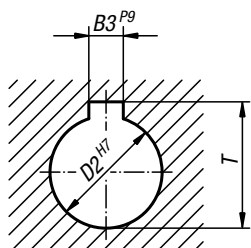
Sample order:

K0162.4080X10

On request:

Hubs with square socket or plastic-coated handwheels available.

hub slot according to DIN 6885-1



KIPP 2-spoke aluminium handwheels with straight wheel rim, without cylindrical grip

Order No. hub without slot	Order No. hub with slot	D1	D2 line 1	D2 line 2	D3	L1	L3	B3 line 1	B3 line 2	T line 1	T line 2
K0162.0080X10	K0162.1080X10	80	10	-	24	16	28	3	-	11,4	-
K0162.0080X12	K0162.1080X12	80	-	12	24	16	28	-	4	-	13,8
K0162.0100X10	K0162.1100X10	100	10	-	26	17	33	3	-	11,4	-
K0162.0100X12	K0162.1100X12	100	-	12	26	17	33	-	4	-	13,8
K0162.0125X12	K0162.1125X12	125	12	-	31	18	33,5	4	-	13,8	-
K0162.0125X14	K0162.1125X14	125	-	14	31	18	33,5	-	5	-	16,3
K0162.0160X14	K0162.1160X14	160	14	-	36	20	39	5	-	16,3	-
K0162.0160X16	K0162.1160X16	160	-	16	36	20	39	-	5	-	18,3
K0162.0200X18	K0162.1200X18	200	18	-	42	24	45	6	-	20,8	-
K0162.0200X20	K0162.1200X20	200	-	20	42	24	45	-	6	-	22,8
K0162.0250X22	K0162.1250X22	250	22	-	48	28	51	6	-	24,8	-
K0162.0250X26	K0162.1250X26	250	-	26	48	28	51	-	8	-	29,3

2-spoke aluminium handwheels

with straight wheel rim



KIPP 2-spoke aluminium handwheels with straight wheel rim, with fixed cylindrical grip

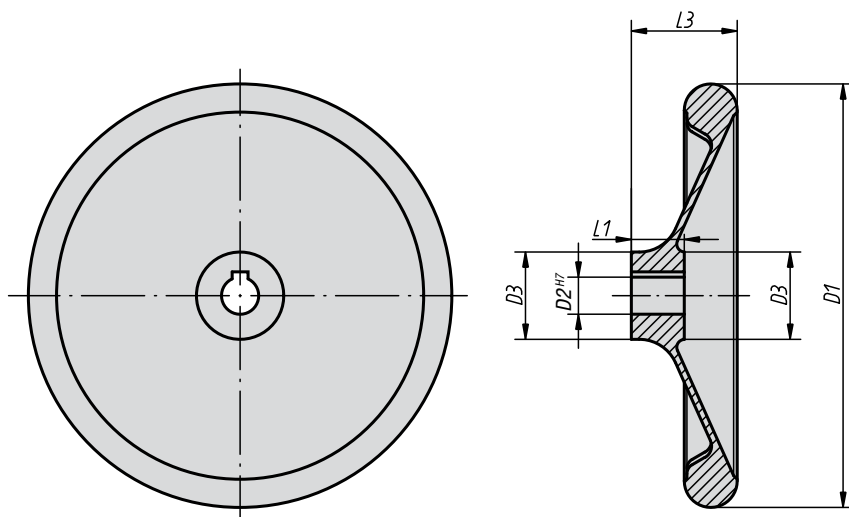
Order No. hub without slot	Order No. hub with slot	D1	D2 line 1	D2 line 2	D3	L1	L3	B3 line 1	B3 line 2	T line 1	T line 2	Fixed cylindrical grip
K0162.2080X10	K0162.3080X10	80	10	-	24	16	28	3	-	11,4	-	ø18 x M6 x 40
K0162.2080X12	K0162.3080X12	80	-	12	24	16	28	-	4	-	13,8	ø18 x M6 x 40
K0162.2100X10	K0162.3100X10	100	10	-	26	17	33	3	-	11,4	-	ø18 x M6 x 40
K0162.2100X12	K0162.3100X12	100	-	12	26	17	33	-	4	-	13,8	ø18 x M6 x 40
K0162.2125X12	K0162.3125X12	125	12	-	31	18	33,5	4	-	13,8	-	ø21 x M8 x 50
K0162.2125X14	K0162.3125X14	125	-	14	31	18	33,5	-	5	-	16,3	ø21 x M8 x 50
K0162.2160X14	K0162.3160X14	160	14	-	36	20	39	5	-	16,3	-	ø26 x M10 x 80
K0162.2160X16	K0162.3160X16	160	-	16	36	20	39	-	5	-	18,3	ø26 x M10 x 80
K0162.2200X18	K0162.3200X18	200	18	-	42	24	45	6	-	20,8	-	ø26 x M10 x 80
K0162.2200X20	K0162.3200X20	200	-	20	42	24	45	-	6	-	22,8	ø26 x M10 x 80
K0162.2250X22	K0162.3250X22	250	22	-	48	28	51	6	-	24,8	-	ø28 x M12 x 90
K0162.2250X26	K0162.3250X26	250	-	26	48	28	51	-	8	-	29,3	ø28 x M12 x 90

KIPP 2-spoke aluminium handwheels with straight wheel rim, with revolving cylindrical grip

Order No. hub without slot	Order No. hub with slot	D1	D2 line 1	D2 line 2	D3	L1	L3	B3 line 1	B3 line 2	T line 1	T line 2	Revolving cylindrical grip
K0162.4080X10	K0162.5080X10	80	10	-	24	16	28	3	-	11,4	-	ø18 x M6 x 40
K0162.4080X12	K0162.5080X12	80	-	12	24	16	28	-	4	-	13,8	ø18 x M6 x 40
K0162.4100X10	K0162.5100X10	100	10	-	26	17	33	3	-	11,4	-	ø18 x M6 x 40
K0162.4100X12	K0162.5100X12	100	-	12	26	17	33	-	4	-	13,8	ø18 x M6 x 40
K0162.4125X12	K0162.5125X12	125	12	-	31	18	33,5	4	-	13,8	-	ø22 x M8 x 56
K0162.4125X14	K0162.5125X14	125	-	14	31	18	33,5	-	5	-	16,3	ø22 x M8 x 56
K0162.4160X14	K0162.5160X14	160	14	-	36	20	39	5	-	16,3	-	ø26 x M10 x 80
K0162.4160X16	K0162.5160X16	160	-	16	36	20	39	-	5	-	18,3	ø26 x M10 x 80
K0162.4200X18	K0162.5200X18	200	18	-	42	24	45	6	-	20,8	-	ø26 x M10 x 80
K0162.4200X20	K0162.5200X20	200	-	20	42	24	45	-	6	-	22,8	ø26 x M10 x 80
K0162.4250X22	K0162.5250X22	250	22	-	48	28	51	6	-	24,8	-	ø31 x M12 x 102
K0162.4250X26	K0162.5250X26	250	-	26	48	28	51	-	8	-	29,3	ø31 x M12 x 102

Aluminium disc handwheels

similar to DIN 950


Material:

Handwheel in aluminium.

Surface finish:

Wheel rim turned and polished.

Centre bore is concentric and parallel with outside of handle to IT 12.

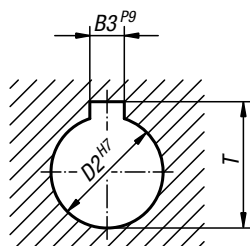
Sample order:

K0163.0080X10

On request:

Hubs with square socket or plastic-coated handwheels.

hub slot according to DIN 6885-1



KIPP Aluminium disc handwheels similar to DIN 950

Order No. hub without slot	Order No. hub with slot	D1	D2 line 1	D2 line 2	D3	L1	L3	B3 line 1	B3 line 2	T line 1	T line 2	Approx. weight kg
K0163.0080X10	K0163.1080X10	80	10	-	25	16	30	3	-	11,4	-	0,150
K0163.0080X12	K0163.1080X12	80	-	12	25	16	30	-	4	-	13,8	0,150
K0163.0100X10	K0163.1100X10	100	10	-	28	17	31	3	-	11,4	-	0,220
K0163.0100X12	K0163.1100X12	100	-	12	28	17	31	-	4	-	13,8	0,220
K0163.0120X12	K0163.1120X12	120	12	-	27	18	30	4	-	13,8	-	0,250
K0163.0120X14	K0163.1120X14	120	-	14	27	18	30	-	5	-	16,3	0,250
K0163.0160X14	K0163.1160X14	160	14	-	34	20	40	5	-	16,3	-	0,660
K0163.0160X16	K0163.1160X16	160	-	16	34	20	40	-	5	-	18,3	0,660
K0163.0200X18	K0163.1200X18	200	18	-	40	24	44	6	-	20,8	-	1,100
K0163.0200X22	K0163.1200X22	200	-	22	40	24	44	-	6	-	24,8	1,100
K0163.0250X22	K0163.1250X22	250	22	-	49	28	61	6	-	24,8	-	2,000
K0163.0250X26	K0163.1250X26	250	-	26	49	28	61	-	8	-	29,3	2,000
K0163.0280X24	K0163.1280X24	280	24	-	51	30	38	8	-	27,3	-	2,300
K0163.0280X28	K0163.1280X28	280	-	28	51	30	38	-	8	-	31,3	2,300
K0163.0360X28	K0163.1360X28	360	28	-	63	35	73	8	-	31,3	-	4,500
K0163.0360X32	K0163.1360X32	360	-	32	63	35	73	-	10	-	35,3	4,500

Disc handwheels

with revolving taper grip



Material:

Duroplastic PF 31, black.
Hubs in steel, nickel-plated or stainless steel 1.4305, natural finish.
Grip revolving, steel parts nickel-plated or in stainless steel 1.4305, natural finish.

Surface finish:

Deburred and high-polish finish.

Sample order:

K0164.0125X08

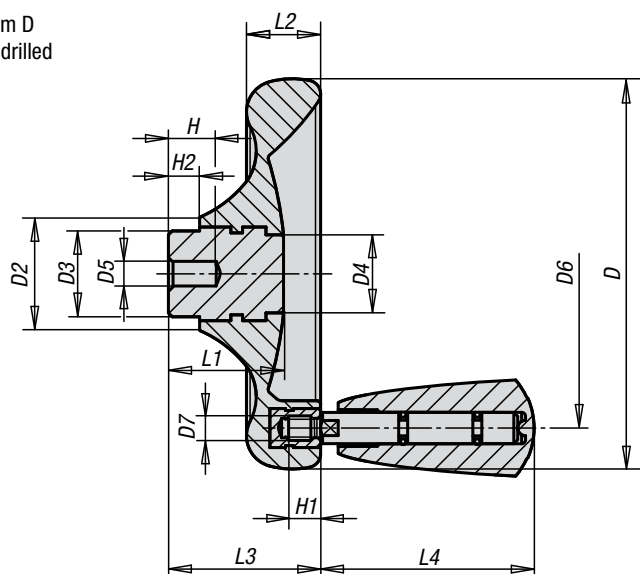
Note:

The handwheel and grip will be delivered unassembled.

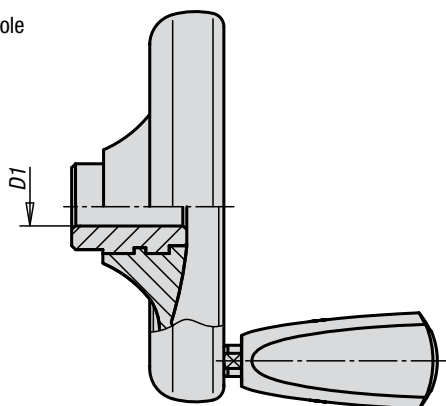
On request:

Other locating holes.

Form D
predrilled



Form E
with locating hole



KIPP Disc handwheels with revolving taper grip

Order No. Form D	Order No. Form 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

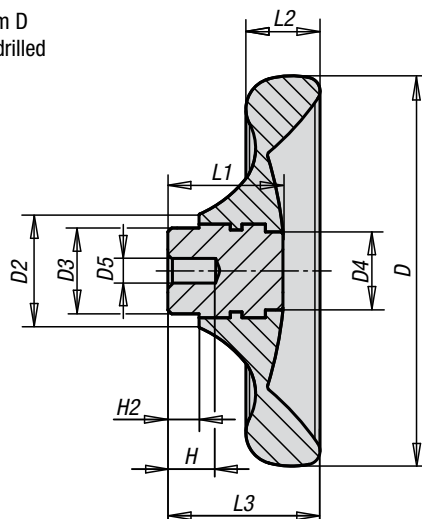
Order No. Form D	Order No. Form E	Size	D	D1	D2	D3	D4	D5	D6	D7	H	H1	H2	L1	L2	L3	L4
K0164.2100X06	K0164.3100X10	1	100	-/10 H7	29	22	20	6/-	79	M6	12/-	9	8	29,5	19	39	54,7
K0164.2125X08	K0164.3125X12	2	125	-/12 H7	34	26	21	8/-	101	M6	15/-	9	8	34	24	46	54,7
K0164.2140X08	K0164.3140X14	3	140	-/14 H7	39	30	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

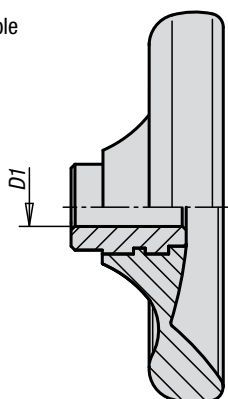
without taper grip



Form D
predrilled



Form E
with locating hole



Material:

Black duroplastic PF 31.

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

Surface finish:

Deburred and high-polish finish.

Sample order:

K0165.0100X06

On request:

Other locating holes.

KIPP Disc handwheels without taper grip, bush in steel

Order No. Form D	Order No. Form 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, bush in stainless steel

Order No. Form D	Order No. Form 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

Handwheels

N^G

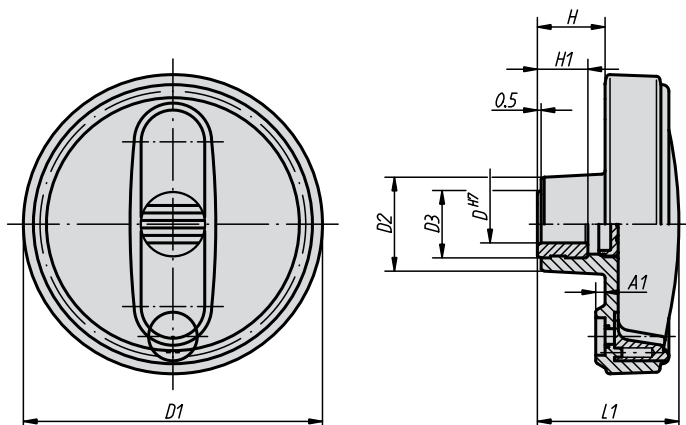


The quality of Novo-Grip handwheels is defined by their absolutely secure and precise turning and gripping. Novo-Grip handwheels often equip especially powerful products and as a result they can be used safely.

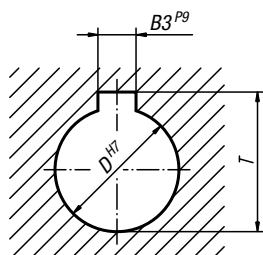
Material, surface finish:
Anthracite grey thermoplastic.
Steel parts black oxide finish.

Sample order:
K0256.108008

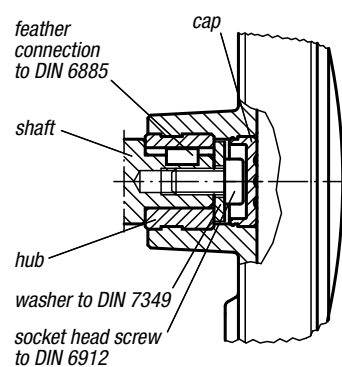
Note:
The hub cover is supplied unassembled.
The handwheels can be secured axially to the shaft via feather connection by cross-pinning or with a socket head screw to DIN 6912 and a washer to DIN 7349.



hub slot according to
DIN 6885-1



assembly example



KIPP Handwheels

Order No. hub without slot	Order No. hub with slot	Size	D	D1	D2	D3	A1	H	H1	L1	B3	T	Approx. weight kg
K0256.108008	K0256.10800802	1	8	80	25	19	2,5	17,5	13	37,5	-/2	-/9	0,074
K0256.108010	K0256.10801003	1	10	80	25	19	2,5	17,5	13	37,5	-/3	-/11,4	0,074
K0256.108012	K0256.10801204	1	12	80	25	19	2,5	17,5	13	37,5	-/4	-/13,8	0,074
K0256.210010	K0256.21001003	2	10	100	28	19	3	20	13	44	-/3	-/11,4	0,125
K0256.210012	K0256.21001204	2	12	100	28	19	3	20	13	44	-/4	-/13,8	0,125
K0256.312512	K0256.31251204	3	12	125	35	25	4	23,5	18,5	53	-/4	-/13,8	0,229
K0256.312514	K0256.31251405	3	14	125	35	25	4	23,5	18,5	53	-/5	-/16,3	0,229
K0256.312516	K0256.31251605	3	16	125	35	25	4	23,5	18,5	53	-/5	-/18,3	0,229
K0256.416014	K0256.41601405	4	14	160	45	25	5,6	28	18,5	64,5	-/5	-/16,3	0,425
K0256.416016	K0256.41601605	4	16	160	45	25	5,6	28	18,5	64,5	-/5	-/18,3	0,425

Handwheels

with cylindrical revolving grip



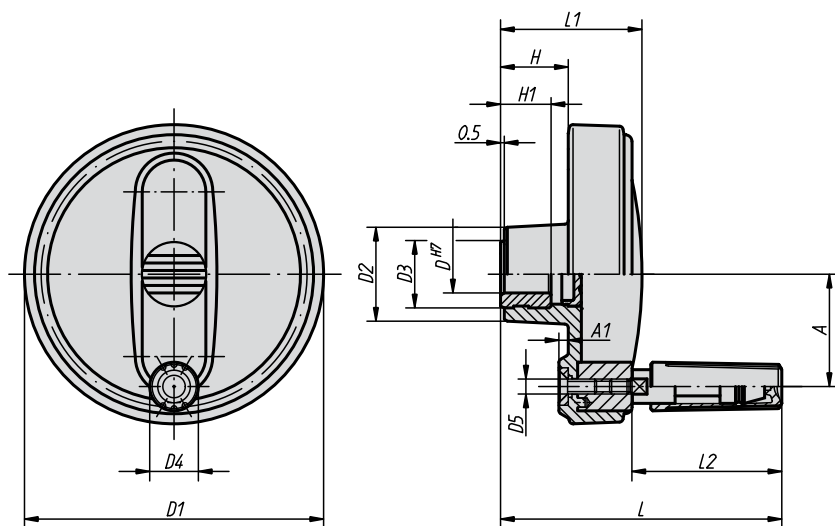
N^G



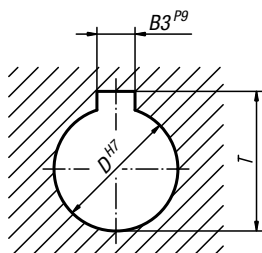
Material, surface finish:
Anthracite grey thermoplastic.
Steel parts black oxide finish.

Sample order:
K0257.108008

Note:
The hub cover and the cylindrical revolving grip are supplied unassembled. In order to assemble the grip, the axis must be screwed into the receiving hole. The handwheels can be secured axially to the shaft via feather connection by cross-pinning or with a socket head screw to DIN 6912 and a washer to DIN 7349. Assembly example see K0256.



hub slot according to
DIN 6885-1



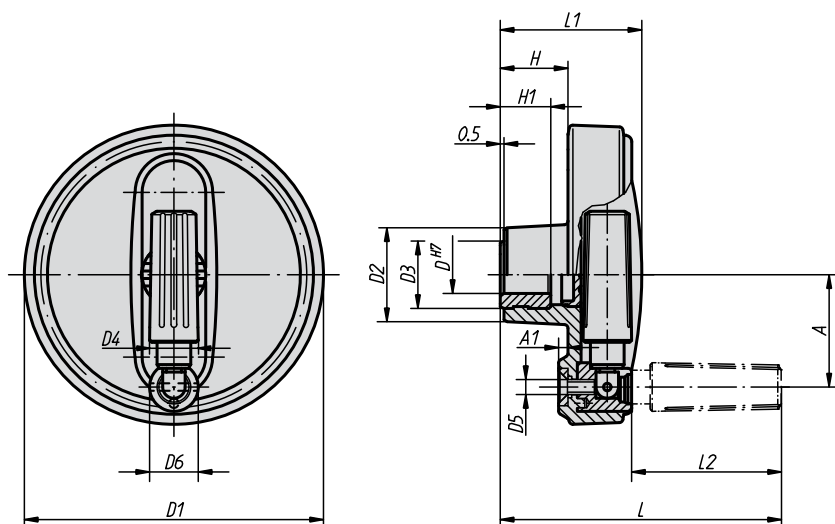
KIPP Handwheels with cylindrical revolving grip

Order No. hub without slot	Order No. hub with slot	Size	D	D1	D2	D3	D4	D5	A	A1	H	H1	L	L1	L2	B3	T	Approx. weight kg
K0257.108008	K0257.10800802	1	8	80	25	19	13	M4	30	2,5	17,5	13	75	37,5	40	-/2	-/9	0,101
K0257.108010	K0257.10801003	1	10	80	25	19	13	M4	30	2,5	17,5	13	75	37,5	40	-/3	-/11,4	0,101
K0257.108012	K0257.10801204	1	12	80	25	19	13	M4	30	2,5	17,5	13	75	37,5	40	-/4	-/13,8	0,101
K0257.210010	K0257.21001003	2	10	100	28	19	16	M5	38	3	20	13	90	44	49,5	-/3	-/11,4	0,178
K0257.210012	K0257.21001204	2	12	100	28	19	16	M5	38	3	20	13	90	44	49,5	-/4	-/13,8	0,178
K0257.312512	K0257.31251204	3	12	125	35	25	20	M6	47,5	4	23,5	18,5	109	53	60	-/4	-/13,8	0,318
K0257.312514	K0257.31251405	3	14	125	35	25	20	M6	47,5	4	23,5	18,5	109	53	60	-/5	-/16,3	0,318
K0257.312516	K0257.31251605	3	16	125	35	25	20	M6	47,5	4	23,5	18,5	109	53	60	-/5	-/18,3	0,318
K0257.416014	K0257.41601405	4	14	160	45	25	25	M8	62	5,6	28	18,5	144	64,5	83,5	-/5	-/16,3	0,636
K0257.416016	K0257.41601605	4	16	160	45	25	25	M8	62	5,6	28	18,5	144	64,5	83,5	-/5	-/18,3	0,636

Handwheels

with cylindrical fold-away grip

N^G



Material, surface finish:

Anthracite grey thermoplastic.
Steel parts black oxide finish.

Sample order:

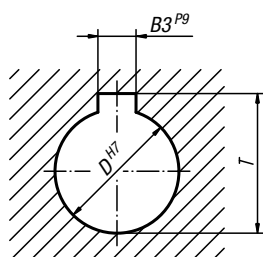
K0258.108008

Note:

The hub cover is supplied unassembled.
The handwheels can be secured axially to the shaft via feather connection by cross-pinning or with a socket head screw to DIN 6912 and a washer to DIN 7349.
Assembly example see K0256.



hub slot according to
DIN 6885-1



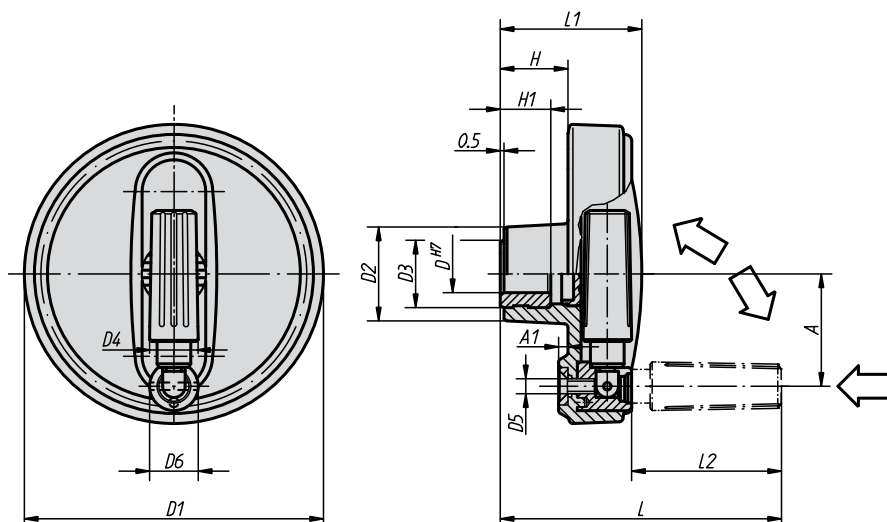
KIPP Handwheels with cylindrical fold-away grip

Order No. hub without slot	Order No. hub with slot	Size	D	D1	D2	D3	D4	D5	D6	A	A1	H	H1	L	L1	L2	B3	T	Approx. weight kg
K0258.108008	K0258.10800802	1	8	80	25	19	13	M4	13	30	2,5	17,5	13	75	37,5	40	-/2	-/9	0,100
K0258.108010	K0258.10801003	1	10	80	25	19	13	M4	13	30	2,5	17,5	13	75	37,5	40	-/3	-/11,4	0,100
K0258.108012	K0258.10801204	1	12	80	25	19	13	M4	13	30	2,5	17,5	13	75	37,5	40	-/4	-/13,8	0,100
K0258.210010	K0258.21001003	2	10	100	28	19	16	M5	16	38	3	20	13	90	44	49	-/3	-/11,4	0,179
K0258.210012	K0258.21001204	2	12	100	28	19	16	M5	16	38	3	20	13	90	44	49	-/4	-/13,8	0,179
K0258.312512	K0258.31251204	3	12	125	35	25	20	M6	20	47,5	4	23,5	18,5	109	53	59,5	-/4	-/13,8	0,328
K0258.312514	K0258.31251405	3	14	125	35	25	20	M6	20	47,5	4	23,5	18,5	109	53	59,5	-/5	-/16,3	0,328
K0258.312516	K0258.31251605	3	16	125	35	25	20	M6	20	47,5	4	23,5	18,5	109	53	59,5	-/5	-/18,3	0,328
K0258.416014	K0258.41601405	4	14	160	45	25	25	M8	26	62	5,6	28	18,5	144	64,5	83,5	-/5	-/16,3	0,651
K0258.416016	K0258.41601605	4	16	160	45	25	25	M8	26	62	5,6	28	18,5	144	64,5	83,5	-/5	-/18,3	0,651

Handwheels

with cylindrical safety grip

N^G



Material, surface finish:

Wheel body and grip in anthracite grey thermoplastic.
Steel parts black oxide finish.

Sample order:

K0259.108008

Note:

The hub cover is supplied unassembled.

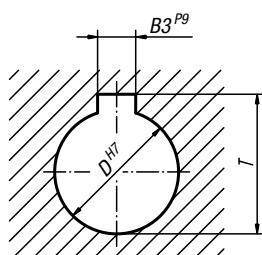
The handwheels can be secured axially to the shaft via feather connection by cross-pinning or with a socket head screw to DIN 6912 and a washer to DIN 7349.

Two steps have to be executed to bring the cylindrical safety grip into operating position:

- Swivel the grip around the axis of rotation until it stops (90°).
- Press the grip in axial direction into locking position. The pressed-in position is the most comfortable position to crank. The grip returns automatically after letting go.

Assembly example see K0256.

hub slot according to
DIN 6885-1



KIPP Handwheels with cylindrical safety grip

Order No. hub without slot	Order No. hub with slot	Size	D	D1	D2	D3	D4	D5	D6	A	A1	H	H1	L	L1	L2	B3	T	Approx. weight kg
K0259.108008	K0259.10800802	1	8	80	25	19	13	M4	13	30	2,5	17,5	13	73	37,5	38	-/2	-/9	0,100
K0259.108010	K0259.10801003	1	10	80	25	19	13	M4	13	30	2,5	17,5	13	73	37,5	38	-/3	-/11,4	0,100
K0259.108012	K0259.10801204	1	12	80	25	19	13	M4	13	30	2,5	17,5	13	73	37,5	38	-/4	-/13,8	0,100
K0259.210010	K0259.21001003	2	10	100	28	19	16	M5	16	38	3	20	13	88,5	44	47,5	-/3	-/11,4	0,179
K0259.210012	K0259.21001204	2	12	100	28	19	16	M5	16	38	3	20	13	88,5	44	47,5	-/4	-/13,8	0,179
K0259.312512	K0259.31251204	3	12	125	35	25	20	M6	20	47,5	4	23,5	18,5	108	53	58,5	-/4	-/13,8	0,328
K0259.312514	K0259.31251405	3	14	125	35	25	20	M6	20	47,5	4	23,5	18,5	108	53	58,5	-/5	-/16,3	0,328
K0259.312516	K0259.31251605	3	16	125	35	25	20	M6	20	47,5	4	23,5	18,5	108	53	58,5	-/5	-/18,3	0,328
K0259.416014	K0259.41601405	4	14	160	45	25	25	M8	26	62	5,6	28	18,5	142,5	64,5	82	-/5	-/16,3	0,651
K0259.416016	K0259.41601605	4	16	160	45	25	25	M8	26	62	5,6	28	18,5	142,5	64,5	82	-/5	-/18,3	0,651

Duroplastic handwheels



Material:

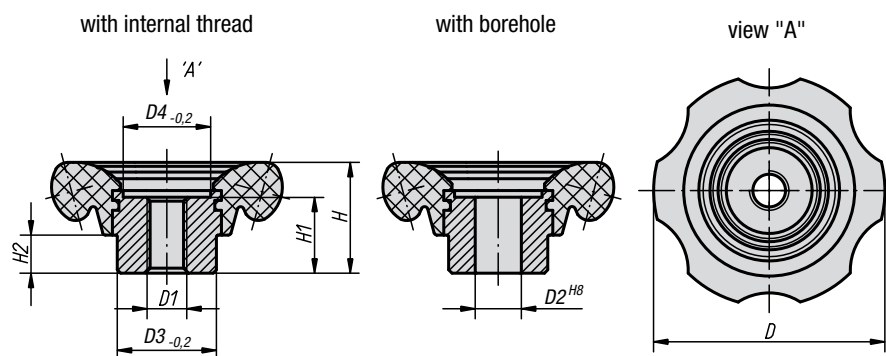
Handwheel in duroplastic PF 31.
Bush in steel, black oxide finish.

Surface finish:

High-polish finish, black.

Sample order:

K0184.70112



KIPP Duroplastic handwheels

Order No.	Surface finish	D	D1	D2	D3	D4	H	H1	H2
K0184.70110	handwheel with internal thread	70	M10	-	30	26,5	33,5	23	11,5
K0184.70112	handwheel with internal thread	70	M12	-	30	26,5	33,5	23	11,5
K0184.83112	handwheel with internal thread	83	M12	-	35	31,5	40	28	14
K0184.83116	handwheel with internal thread	83	M16	-	35	31,5	40	28	14
K0184.70212	handwheel with borehole	70	-	12	30	26,5	33,5	23	11,5
K0184.70214	handwheel with borehole	70	-	14	30	26,5	33,5	23	11,5
K0184.83214	handwheel with borehole	83	-	14	35	31,5	40	28	14
K0184.83216	handwheel with borehole	83	-	16	35	31,5	40	28	14

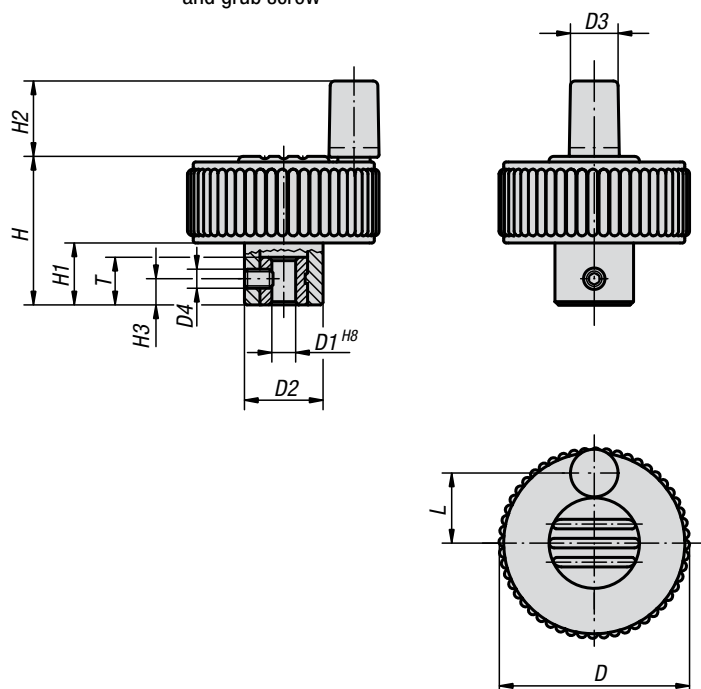
Positioning wheels

N^G



Form H
without transverse hole

Form M
with transverse hole and grub screw



The extremely attractive design and the excellent ergonomic form make this positioning wheel a trend-setting product, which allows precise and secure positioning. Due to the sophisticated technology, the positioning wheels make any type of work easier than before.

Material, surface finish:

Anthracite grey thermoplastic.
Bush in steel 5.8, blue chromated.

Sample order:

K0262.21066 (cap colour traffic red)

Note:

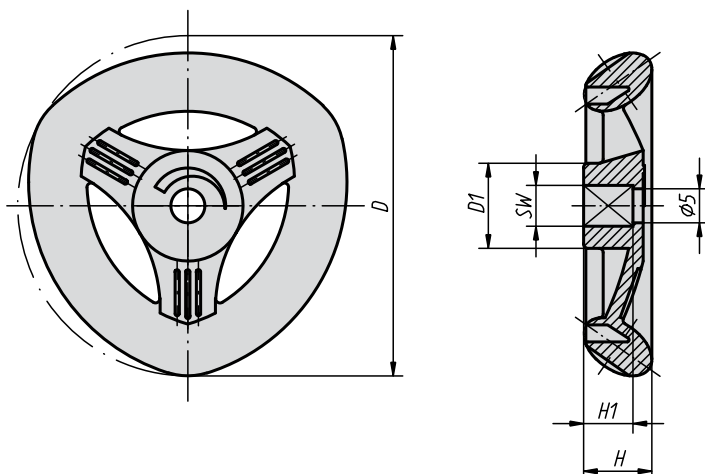
Δ Add the desired cap colour here. No colour code is required with anthracite grey wheel caps.



KIPP Positioning wheels

Order No.	Form	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

Delta wheels

N^G

Novo-Grip delta wheels serve to create better conditions so that you can give your ideas concrete form and perfect shape. The delta shape also offers you the additional benefit to grasp the handwheel securely and comfortably.

Material:

Glass-fibre reinforced thermoplastic.

Sample order:

K0275.050051 (delta wheel signal green)

Note:

Δ Add the desired colour here. No colour code is required with anthracite grey.

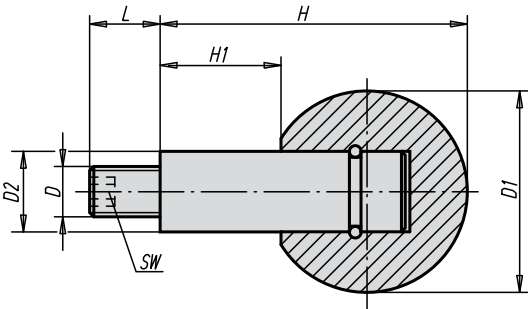


anthracite grey	signal green Δ = 1	traffic red Δ = 2	bright yellow Δ = 3	traffic blue Δ = 4
				
RAL 7021	RAL 6032	RAL 3020	RAL 1021	RAL 5017

KIPP Delta wheels

Order No.	Size	D	D1	H	H1	SW (square)
K0275.05005Δ	1	50	12,5	10	7,3	5
K0275.05006Δ	1	50	12,5	10	7,3	6
K0275.06306Δ	2	63	15,8	12,6	9	6
K0275.06307Δ	2	63	15,8	12,6	9	7
K0275.08008Δ	3	80	20	16	12	8
K0275.08009Δ	3	80	20	16	12	9

Revolving handles short version



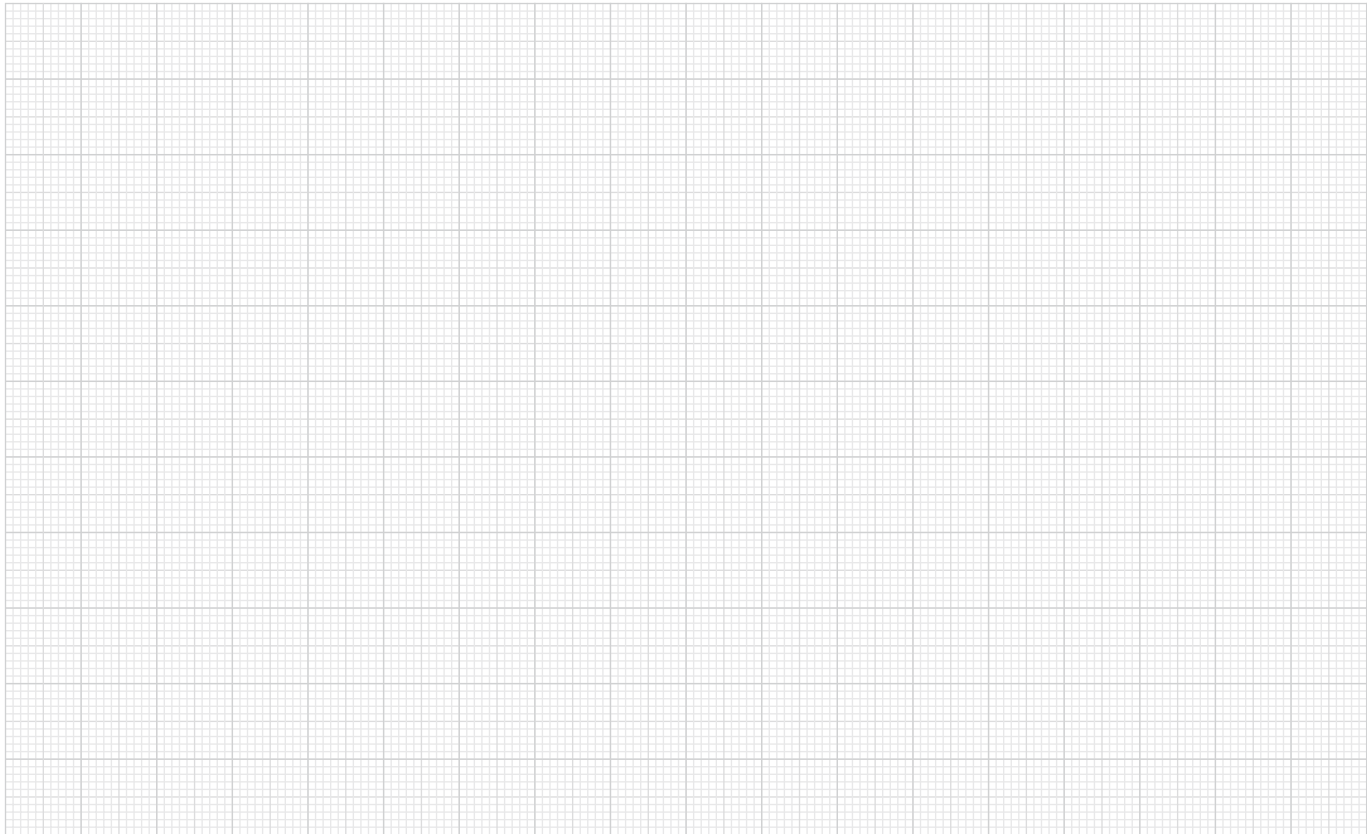
Material, surface finish:
Ball in Duroplast PF 31, black shiny finish.
Steel bolts, blue chromated.

Sample order:
K0726.061

KIPP Revolving handles short version

Order No.	D	D1	D2	H	H1	L	SW	Approx. weight kg
K0726.061	M6	25	10	37,5	15	11	3	0,035
K0726.081	M8	32	13	48	19	13	4	0,070
K0726.101	M10	40	16	61	24	14	5	0,125
K0726.121	M12	50	20	78	31	21	6	0,215

Notes



Offset crank handles

similar DIN 468

**Material:**

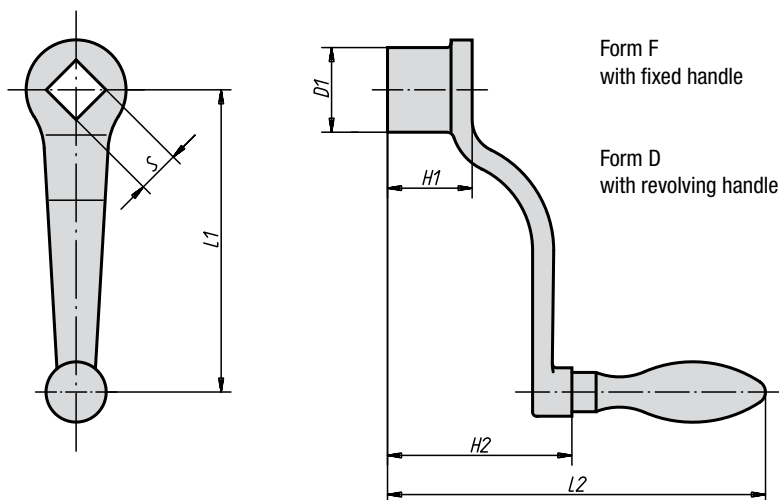
Malleable or ductile cast iron crank arm.

Surface finish:

Blasted.

Sample order:

K0684.212X14



KIPP Offset crank handles similar DIN 468

Order No.	Form	L1	L2	S	D1	H1	H2	Diameter handle	Approx. weight kg
K0684.206X10	D	63	92	10 +0,2	20	20	40	16	0,130
K0684.208X10	D	80	109	10 +0,2	24	24	44	20	0,245
K0684.208X12	D	80	109	12 +0,2	24	24	44	20	0,245
K0684.210X12	D	100	120	12 +0,2	28	28	55	20	0,330
K0684.210X14	D	100	120	14 +0,3	28	28	55	20	0,330
K0684.212X14	D	125	141	14 +0,3	34	34	58	25	0,550
K0684.212X17	D	125	141	17 +0,3	34	34	58	25	0,550
K0684.216X17	D	160	153	17 +0,3	37	38	70	25	0,710
K0684.216X19	D	160	153	19 +0,3	37	38	70	25	0,710
K0684.220X19	D	200	189	19 +0,3	40	44	84	32	1,120
K0684.220X22	D	200	189	22 +0,3	40	44	84	32	1,120
K0684.106X10	F	63	92	10 +0,2	20	20	40	16	0,130
K0684.108X10	F	80	109	10 +0,2	24	24	44	20	0,245
K0684.108X12	F	80	109	12 +0,2	24	24	44	20	0,245
K0684.110X12	F	100	120	12 +0,2	28	28	55	20	0,330
K0684.110X14	F	100	120	14 +0,3	28	28	55	20	0,330
K0684.112X14	F	125	141	14 +0,3	34	34	58	25	0,550
K0684.112X17	F	125	141	17 +0,3	34	34	58	25	0,550
K0684.116X17	F	160	153	17 +0,3	37	38	70	25	0,710
K0684.116X19	F	160	153	19 +0,3	37	38	70	25	0,710
K0684.120X19	F	200	189	19 +0,3	40	44	84	32	1,120
K0684.120X22	F	200	189	22 +0,3	40	44	84	32	1,120

Straight crank handles

similar DIN 469


Material:

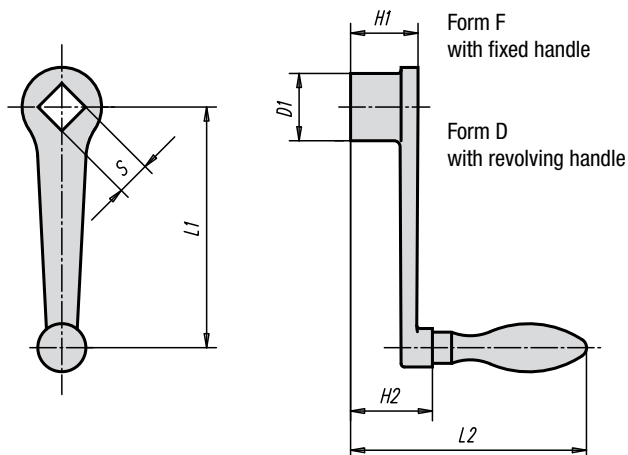
Malleable or ductile cast iron crank arm.

Surface finish:

Blasted.

Sample order:

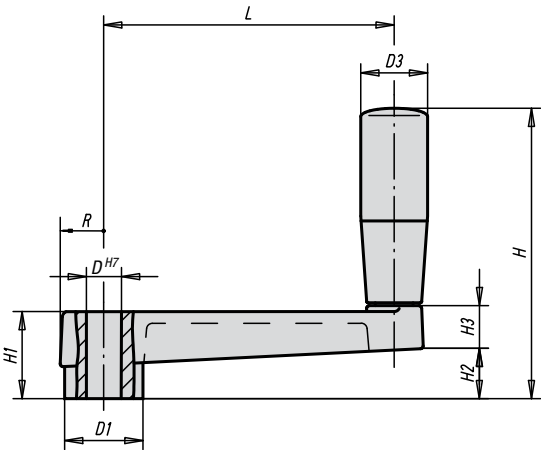
K0685.120X22



KIPP Straight crank handles similar DIN 469

Order No.	Form	L1	L2	S	D1	H1	H2	Diameter handle	Approx. weight kg
K0685.106X10	F	63	80	10 +0,2	20	20	28	16	0,135
K0685.108X10	F	80	98	10 +0,2	24	24	33	20	0,250
K0685.108X12	F	80	98	12 +0,2	24	24	33	20	0,250
K0685.110X12	F	100	102	12 +0,2	28	28	37	20	0,330
K0685.110X14	F	100	102	14 +0,3	28	28	37	20	0,330
K0685.112X14	F	125	120	14 +0,3	34	34	40	25	0,550
K0685.112X17	F	125	120	17 +0,3	34	34	40	25	0,550
K0685.116X17	F	160	131	17 +0,3	37	38	48	25	0,720
K0685.116X19	F	160	131	19 +0,3	37	38	48	25	0,720
K0685.120X19	F	200	158	19 +0,3	40	44	53	32	1,140
K0685.120X22	F	200	158	22 +0,3	40	44	53	32	1,140
K0685.206X10	D	63	80	10 +0,2	20	20	28	16	0,135
K0685.208X10	D	80	98	10 +0,2	24	24	33	20	0,250
K0685.208X12	D	80	98	12 +0,2	24	24	33	20	0,250
K0685.210X12	D	100	102	12 +0,2	28	28	37	20	0,330
K0685.210X14	D	100	102	14 +0,3	28	28	37	20	0,330
K0685.212X14	D	125	120	14 +0,3	34	34	40	25	0,550
K0685.212X17	D	125	120	17 +0,3	34	34	40	25	0,550
K0685.216X17	D	160	131	17 +0,3	37	38	48	25	0,720
K0685.216X19	D	160	131	19 +0,3	37	38	48	25	0,720
K0685.220X19	D	200	158	19 +0,3	40	44	53	32	1,140
K0685.220X22	D	200	158	22 +0,3	40	44	53	32	1,140

Aluminium crank handles



Material:
Aluminium.
Duroplastic cylindrical revolving handle.

Surface finish:
Black plastic-coated.
Black revolving handle.

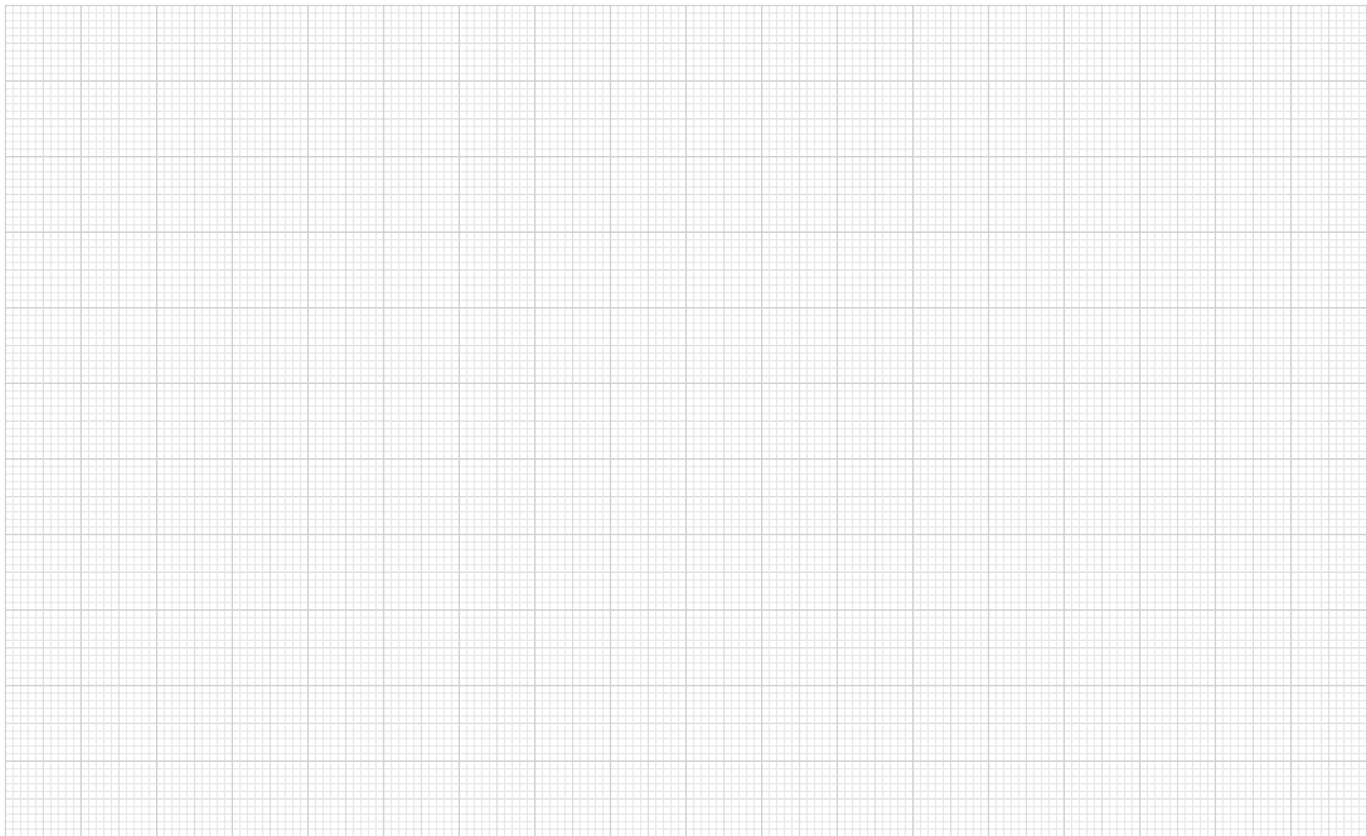
Sample order:
K0727.100



KIPP Aluminium crank handles

Order No.	D	D1	D3	H	H1	~H2	H3	L	R	Approx. weight kg
K0727.100	10	23	21	81	24	14	14	80	13	0,101
K0727.120	12	27	23	100	28	17	15	100	15	0,170
K0727.140	14	32	26	123	34	22	18	125	17,5	0,262

Notes

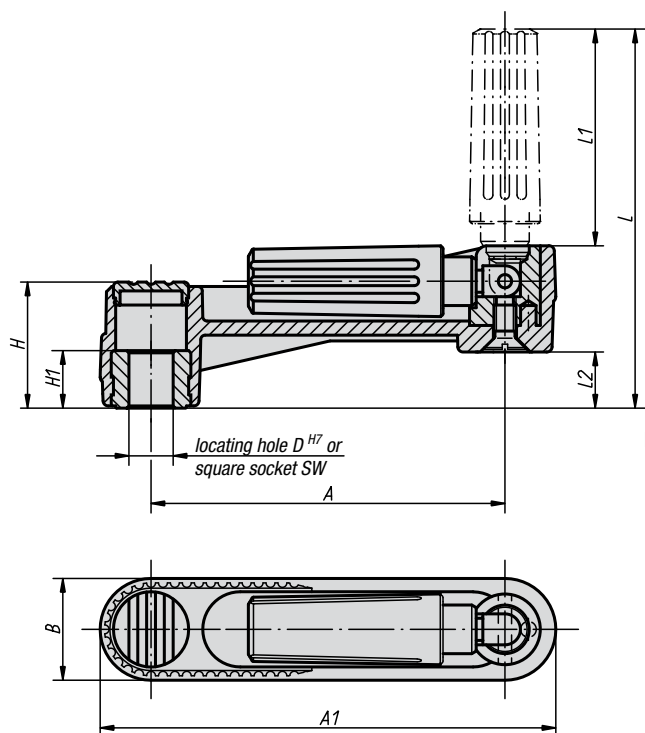


Crank handles

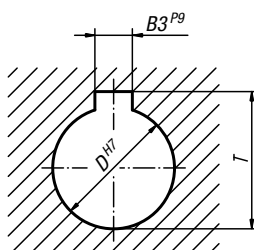
with cylindrical fold-away grip



N^G



hub slot according to DIN 6885-1



Of course, Novo-Grip crank handles comply with standards regarding their centre distances. They also come with cylindrical fold-away grips, highly reinforced, stable plastics and can be used for shaft or square sections. Moreover, they offer axial and radial fastening possibilities.

Material, surface finish:

Anthracite grey thermoplastic.
Steel parts black oxide finish.

Sample order:

K0266.1108

Note:

The hub cover is supplied unassembled.
The crank handles can be secured axially to the shaft via feather connection by cross-pinning or with a socket head screw to DIN 6912 and a washer to DIN 7349.

KIPP Crank handles with cylindrical fold-away grip

Order No.	Surface finish	Size	A	A1	B	D	H	H1	L	L1	L2	Approx. weight kg
K0266.1108	locating hole without slots	1	80	104	24	8	29	13	85,5	49	13	0,100
K0266.1110	locating hole without slot	1	80	104	24	10	29	13	85,5	49	13	0,100
K0266.1210	locating hole without slots	2	100	129	29	10	36	13	105	59,5	16	0,190
K0266.1212	locating hole without slots	2	100	129	29	12	36	13	105	59,5	16	0,190
K0266.1312	locating hole without slots	3	125	161	36	12	44	18,5	140	83,5	19,5	0,370
K0266.1314	locating hole without slot	3	125	161	36	14	44	18,5	140	83,5	19,5	0,370

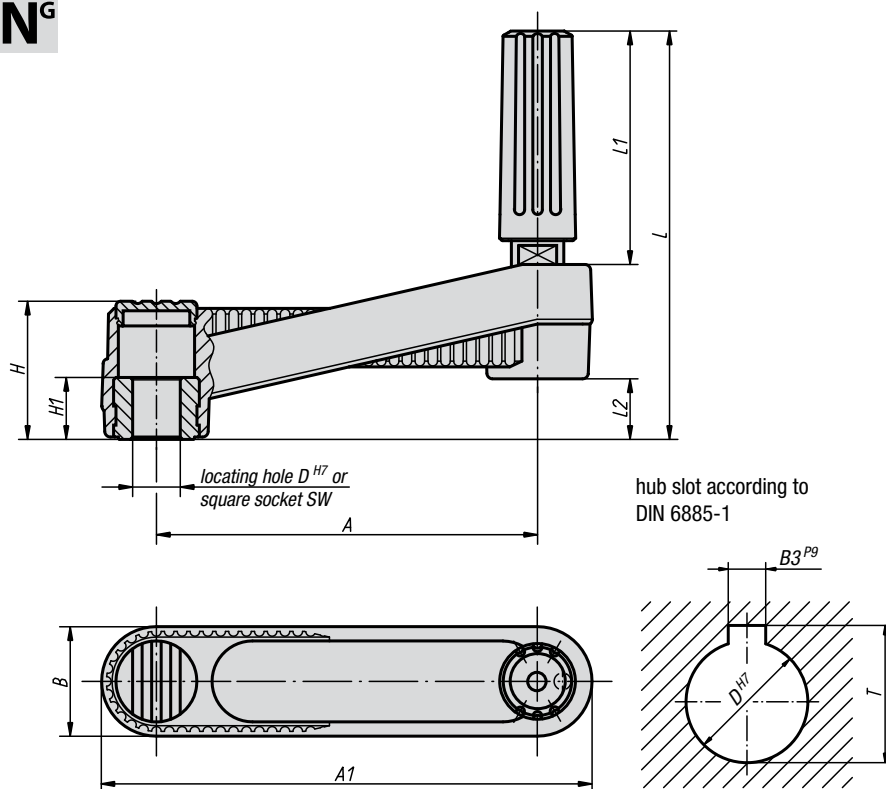
Order No.	Surface finish	Size	A	A1	B	D	H	H1	L	L1	L2	B3	T	Approx. weight kg
K0266.110802	locating hole with slot	1	80	104	24	8	29	13	85,5	49	13	2	9	0,100
K0266.111003	locating hole with slot	1	80	104	24	10	29	13	85,5	49	13	3	11,4	0,100
K0266.121003	locating hole with slot	2	100	129	29	10	36	13	105	59,5	16	3	11,4	0,190
K0266.121204	locating hole with slot	2	100	129	29	12	36	13	105	59,5	16	4	13,8	0,190
K0266.131204	locating hole with slot	3	125	161	36	12	44	18,5	140	83,5	19,5	4	13,8	0,370
K0266.131405	locating hole with slot	3	125	161	36	14	44	18,5	140	83,5	19,5	5	16,3	0,370

Order No.	Surface finish	Size	A	A1	B	SW	H	H1	L	L1	L2	Approx. weight kg
K0266.2108	square socket	1	80	104	24	8	29	13	85,5	49	13	0,100
K0266.2110	square socket	1	80	104	24	10	29	13	85,5	49	13	0,100
K0266.2210	square socket	2	100	129	29	10	36	13	105	59,5	16	0,190
K0266.2212	square socket	2	100	129	29	12	36	13	105	59,5	16	0,190
K0266.2312	square socket	3	125	161	36	12	44	18,5	140	83,5	19,5	0,370
K0266.2314	square socket	3	125	161	36	14	44	18,5	140	83,5	19,5	0,370

Crank handles

with cylindrical revolving grip

N^G



hub slot according to
DIN 6885-1



Novo-Grip crank handles set trend-setting standards in all essential fields of operation and application.

The actual challenge is to assure simple handling and an universal range of application in spite of the sophisticated technology.

Material, surface finish:

Anthracite grey thermoplastic.

Steel parts black oxide finish.

Sample order:

K0659.3108

Note:

The hub cover and the cylindrical revolving grip are supplied unassembled.

In order to assemble the grip, the axis must be screwed into the receiving hole.

The crank handles can be secured axially to the shaft via feather connection by cross-pinning or with a socket head screw to DIN 6912 and a washer to DIN 7349.

KIPP Crank handles with cylindrical revolving grip

Order No.	Surface finish	Size	A	A1	B	D	H	H1	L	L1	L2	Approx. weight kg
K0659.3108	locating hole without slots	1	80	104	24	8	29	13	85,5	49	13	0,110
K0659.3110	locating hole without slot	1	80	104	24	10	29	13	85,5	49	13	0,110
K0659.3210	locating hole without slots	2	100	129	29	10	36	13	105	59,5	16	0,210
K0659.3212	locating hole without slots	2	100	129	29	12	36	13	105	59,5	16	0,210
K0659.3312	locating hole without slots	3	125	161	36	12	44	18,5	140	83,5	19,5	0,405
K0659.3314	locating hole without slot	3	125	161	36	14	44	18,5	140	83,5	19,5	0,405

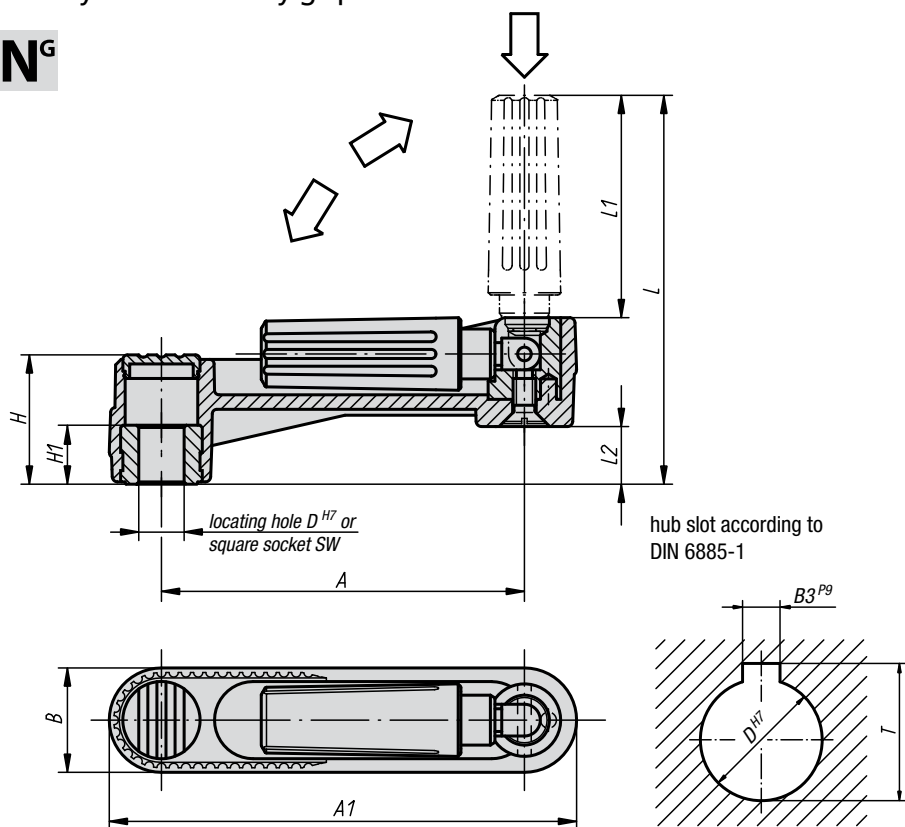
Order No.	Surface finish	Size	A	A1	B	D	H	H1	L	L1	L2	B3	T	Approx. weight kg
K0659.310802	locating hole with slot	1	80	104	24	8	29	13	85,5	49	13	2	9	0,110
K0659.311003	locating hole with slot	1	80	104	24	10	29	13	85,5	49	13	3	11,4	0,110
K0659.321003	locating hole with slot	2	100	129	29	10	36	13	105	59,5	16	3	11,4	0,210
K0659.321204	locating hole with slot	2	100	129	29	12	36	13	105	59,5	16	4	13,8	0,210
K0659.331204	locating hole with slot	3	125	161	36	12	44	18,5	140	83,5	19,5	4	13,8	0,405
K0659.331405	locating hole with slot	3	125	161	36	14	44	18,5	140	83,5	19,5	5	16,3	0,405

Order No.	Surface finish	Size	A	A1	B	SW	H	H1	L	L1	L2	Approx. weight kg
K0659.4108	square socket	1	80	104	24	8	29	13	85,5	49	13	0,110
K0659.4110	square socket	1	80	104	24	10	29	13	85,5	49	13	0,110
K0659.4210	square socket	2	100	129	29	10	36	13	105	59,5	16	0,210
K0659.4212	square socket	2	100	129	29	12	36	13	105	59,5	16	0,210
K0659.4312	square socket	3	125	161	36	12	44	18,5	140	83,5	19,5	0,405
K0659.4314	square socket	3	125	161	36	14	44	18,5	140	83,5	19,5	0,405

Crank handles

with cylindrical safety grip

N^G



Material, surface finish:

Body and grip in anthracite grey thermoplastic.
Steel parts black oxide finish.

Sample order:

K0268.1108

Note:

The hub cover is supplied unassembled.

The crank handles can be secured axially to the shaft via feather connection by cross-pinning or with a socket head screw to DIN 6912 and a washer to DIN 7349.

Two steps have to be executed to bring the cylindrical safety grip into operating position:

- Swivel the grip around the axis of rotation until it stops (90°).
- Press the grip in axial direction into locking position. The pressed-in position is the most comfortable position to crank. The grip returns automatically after letting go.

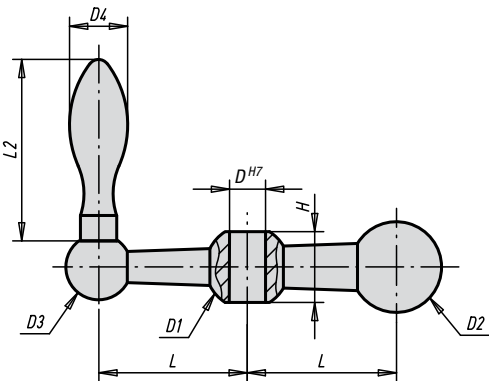
KIPP Crank handles with cylindrical safety grip

Order No.	Surface finish	Size	A	A1	B	D	H	H1	L	L1	L2	Approx. weight kg
K0268.1108	locating hole without slot	1	80	104	24	8	29	13	84	47,5	13	0,100
K0268.1110	locating hole without slot	1	80	104	24	10	29	13	84	47,5	13	0,100
K0268.1210	locating hole without slot	2	100	129	29	10	36	13	104	58,5	16	0,190
K0268.1212	locating hole without slot	2	100	129	29	12	36	13	104	58,5	16	0,190
K0268.1312	locating hole without slot	3	125	161	36	12	44	18,5	138,5	82	19,5	0,370
K0268.1314	locating hole without slot	3	125	161	36	14	44	18,5	138,5	82	19,5	0,370

Order No.	Surface finish	Size	A	A1	B	D	H	H1	L	L1	L2	B3	T	Approx. weight kg
K0268.110802	locating hole with slot	1	80	104	24	8	29	13	84	47,5	13	2	9	0,100
K0268.111003	locating hole with slot	1	80	104	24	10	29	13	84	47,5	13	3	11,4	0,100
K0268.121003	locating hole with slot	2	100	129	29	10	36	13	104	58,5	16	3	11,4	0,190
K0268.121204	locating hole with slot	2	100	129	29	12	36	13	104	58,5	16	4	13,8	0,190
K0268.131204	locating hole with slot	3	125	161	36	12	44	18,5	138,5	82	19,5	4	13,8	0,370
K0268.131405	locating hole with slot	3	125	161	36	14	44	18,5	138,5	82	19,5	5	16,3	0,370

Order No.	Surface finish	Size	A	A1	B	SW	H	H1	L	L1	L2	Approx. weight kg
K0268.2108	square socket	1	80	104	24	8	29	13	84	47,5	13	0,100
K0268.2110	square socket	1	80	104	24	10	29	13	84	47,5	13	0,100
K0268.2210	square socket	2	100	129	29	10	36	13	104	58,5	16	0,190
K0268.2212	square socket	2	100	129	29	12	36	13	104	58,5	16	0,190
K0268.2312	square socket	3	125	161	36	12	44	18,5	138,5	82	19,5	0,370
K0268.2314	square socket	3	125	161	36	14	44	18,5	138,5	82	19,5	0,370

Balanced handles



Material:
Steel.

Surface finish:
Galvanized.

Sample order:
K0728.108

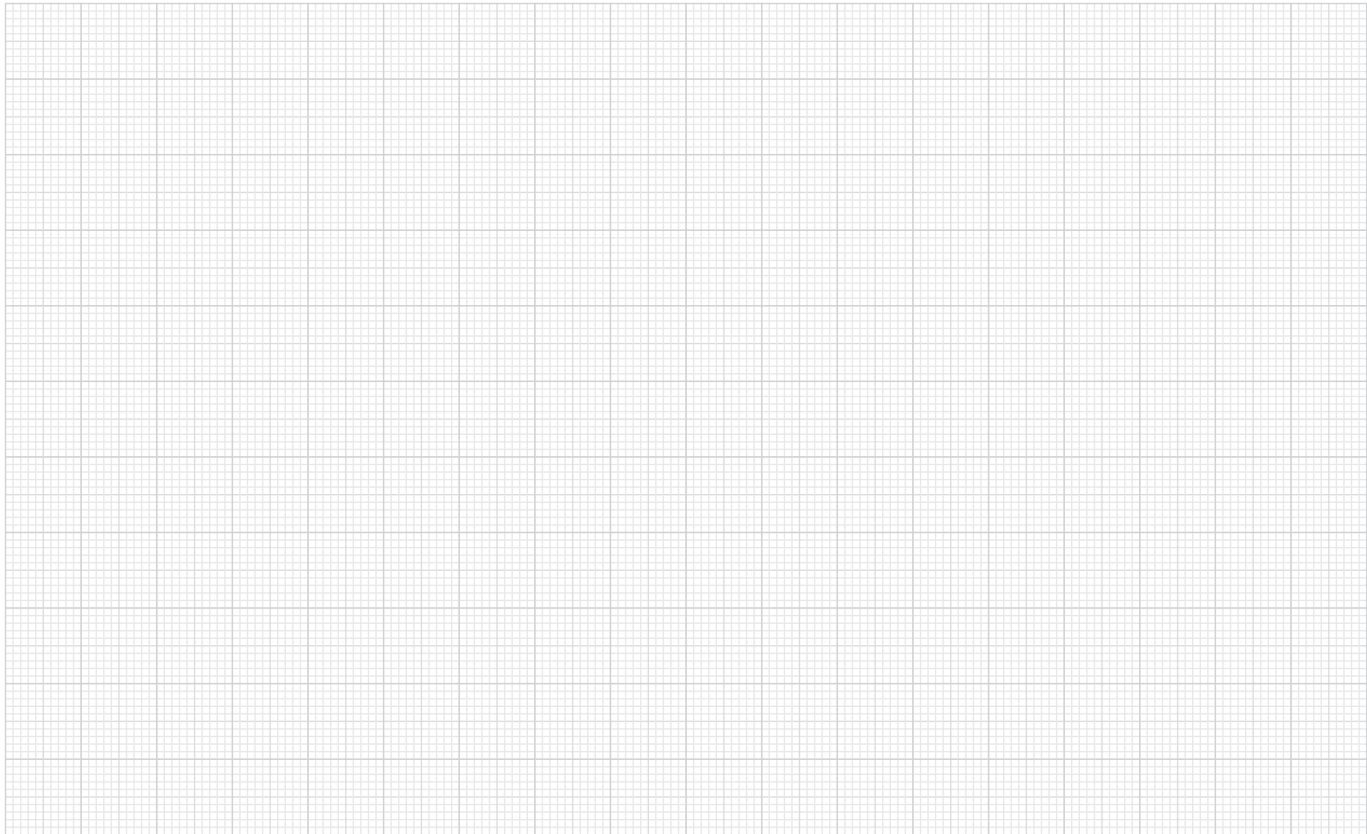
Note:
Fixed Handle DIN 39.



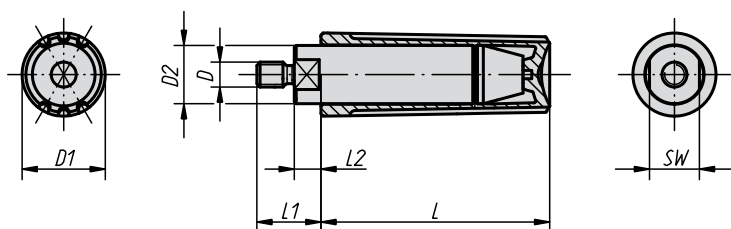
KIPP Balanced handles

Order No.	D	D1	D2	D3	D4	H	L	L2	Approx. weight kg
K0728.107	7	16	18	13	10	13	25	32	0,065
K0728.108	8	20	22	16	14	17	34	46	0,140
K0728.110	10	23	25	18	16	19,5	41	50	0,200
K0728.112	12	26	28	20	18	21,5	50	56	0,415

Notes



Cylindrical revolving grips

N^G

Novo-Grip cylindrical grips are a product with a universal range of applications thanks to the harmonic combination of form and function. Esthetics, reliability and perfect handling characterize their quality.

Material, surface finish:

Anthracite grey thermoplastic.
Steel parts black oxide finish.

Sample order:

K0263.104

Note:

Cylindrical grips are supplied assembled and can be screwed to handwheels, spools and cranks.

KIPP Cylindrical revolving grips

Order No.	Size	D	D1	D2	L	L1	L2	SW	Approx. weight kg
K0263.104	1	M4	13	9	35	11	5	8	0,013
K0263.205	2	M5	16	11	44	13	5,5	10	0,025
K0263.306	3	M6	20	14	55	14	5	12	0,050
K0263.408	4	M8	25	18	70,5	25	13	15	0,103

Cylindrical fold-away grips

N^G

Novo-Grip cylindrical grips are a product with a universal range of applications thanks to the harmonic combination of form and function. Esthetics, reliability and perfect handling characterize their quality.

Material, surface finish:

Anthracite grey thermoplastic.

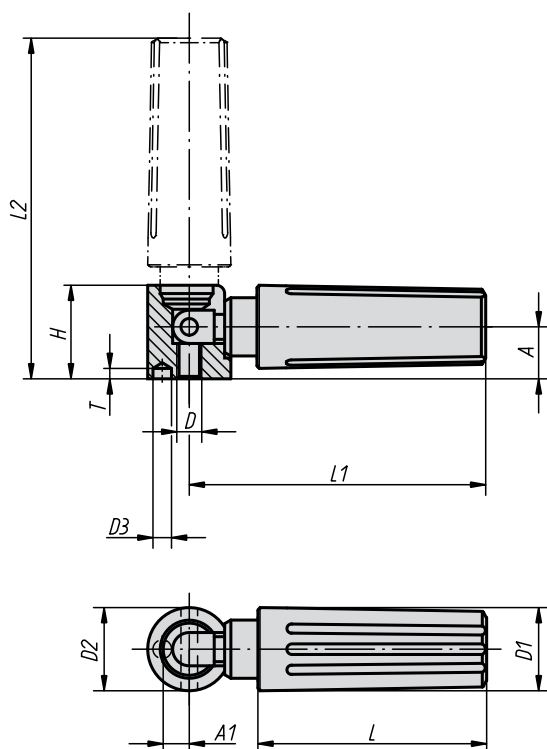
Steel parts black oxide finish.

Sample order:

K0264.104

Note:

Cylindrical grips are supplied assembled and can be screwed to handwheels, spools and cranks. Borehole D3 is used as a positioning hole.



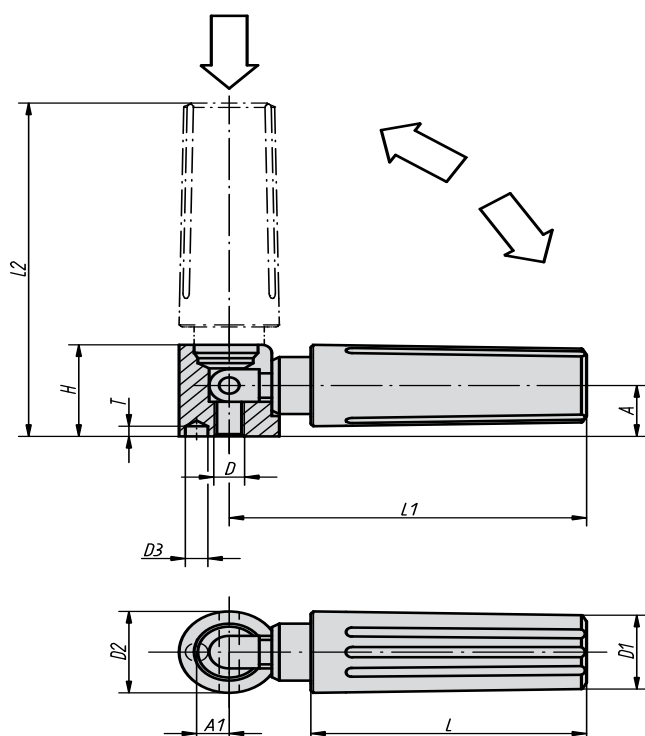
KIPP Cylindrical fold-away grips

Order No.	Size	D	D1	D2	D3	A	A1	H	L	L1	L2	T	Approx. weight kg
K0264.104	1	M4	13	13	2,5	8	4,3	14,5	35	47	54,5	4,5	0,028
K0264.205	2	M5	16	16	3,5	10	5,3	18	44	58	67	4,5	0,051
K0264.306	3	M6	20	20	4,5	12,5	6,5	22,5	55	71,5	82	6	0,101
K0264.408	4	M8	25	26	5,5	16	9	29	70,5	98,5	112,5	6,5	0,225

Cylindrical safety grips

automatically returning

N^G



The characteristics of the simple cylindrical grip naturally also apply to the automatically returning cylindrical safety grip. This product combines excellent functionality and sophisticated safety technology in an ideal way.

Material, surface finish:

Grip anthracite grey thermoplastic.
Steel parts black oxide finish.

Sample order:

K0265.104

Note:

Two steps have to be executed to bring the cylindrical safety grip into operating position:

- Swivel the grip around the axis of rotation until it stops (90°).
- Press the grip in axial direction into locking position. The pressed-in position is the most comfortable position to crank. The grip returns automatically after letting go.

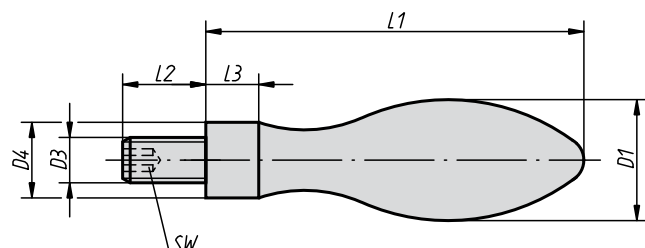
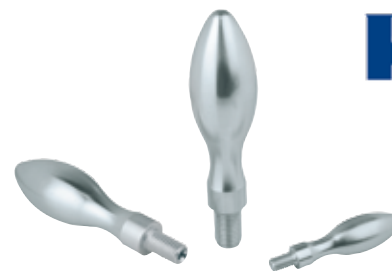
Cylindrical safety grips are supplied assembled and can be screwed to handwheels, spools and cranks. Borehole D3 is used as a positioning hole.

KIPP Cylindrical safety grips automatically returning

Order No.	Size	D	D1	D2	D3	A	A1	H	L	L1	L2	T	Approx. weight kg
K0265.104	1	M4	13	13	2,5	8	4,3	14,5	35	47	52,5	4,5	0,028
K0265.205	2	M5	16	16	3,5	10	5,3	18	44	58	65,5	4,5	0,051
K0265.306	3	M6	20	20	4,5	12,5	6,5	22,5	55	71,5	81	6	0,101
K0265.408	4	M8	25	26	5,5	16	9	29	70,5	98,5	111	6,5	0,225

Fixed machine handles

DIN 39 Form E, in steel



Material:

Machine handle and axle part in steel.

Surface finish:

Machine handle and axle part galvanized and blue chromated.

Sample order:

K0166.0616050

Note:

Machine handle suitable for handwheels to DIN 950.

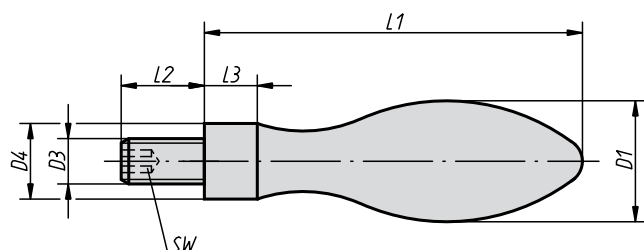


KIPP Fixed machine handles DIN 39 Form E, in steel

Order No.	D1	D3	D4	L1	L2	L3	SW
K0166.0616050	16	M6	10	50	11	7	3
K0166.0820064	20	M8	13	64	13	8	4
K0166.1025080	25	M10	16	80	14	10	5
K0166.1232100	32	M12	20	100	21	13	6
K0166.1636112	36	M16	22	112	26	14	8

Fixed machine handles

DIN 39 Form E, in aluminium



Material:

Machine handle in aluminium.
Axle part steel.

Surface finish:

Machine handle polished.
Axle part black.

Sample order:

K0167.0616050

Note:

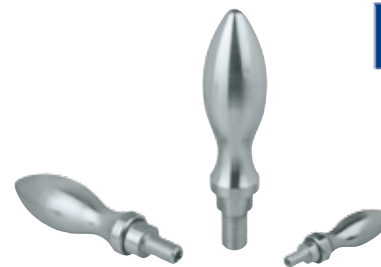
Machine handle suitable for handwheels to DIN 950.

KIPP Fixed machine handles DIN 39 Form E, in aluminium

Order No.	D1	D3	D4	L1	L2	L3	SW
K0167.0616050	16	M6	10	50	11	7	3
K0167.0820064	20	M8	13	64	13	8	4
K0167.1025080	25	M10	16	80	14	10	5
K0167.1232100	32	M12	20	100	21	13	6
K0167.1636112	36	M16	22	112	26	14	8

Revolving machine handles

DIN 98 Form E, in steel



Material:

Machine handle and axle part in steel.

Surface finish:

Machine handle and axle part galvanized and blue chromated.

Sample order:

K0168.0616055

Note:

Machine handle suitable for handwheels to DIN 950.

KIPP Revolving machine handles DIN 98 Form E, in steel

Order No.	D1	D3	D4	D6	L1	L2	L3	L4	SW
K0168.0616055	16	M6	10	14	49	11	5,5	5	3
K0168.0820067	20	M8	13	18	61	13	6	6	4
K0168.1025083	25	M10	16	21	75	14	8	6,5	5
K0168.1232105	32	M12	20	26	95	21	10,5	8	6
K0168.1636117	36	M16	22	29	106	26	11	9	8

Revolving machine handles

DIN 98 Form E, in aluminium



Material:

Machine handle in aluminium.
Axle part in steel.

Surface finish:

Machine handle polished.
Axle part galvanized and blue chromated.

Sample order:

K0169.0616055

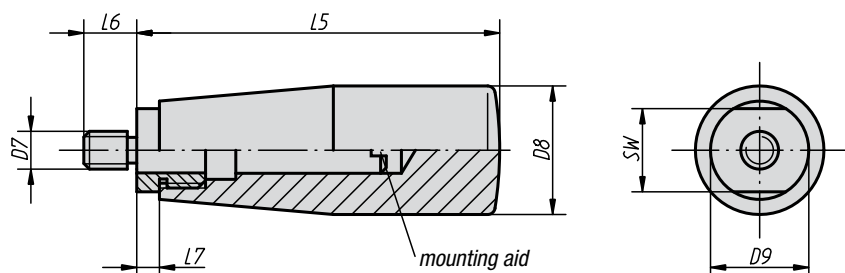
Note:

Machine handle suitable for handwheels to DIN 950.

KIPP Revolving machine handles DIN 98 Form E, in aluminium

Order No.	D1	D3	D4	D6	L1	L2	L3	L4	SW
K0169.0616055	16	M6	10	14	49	11	5,5	5	3
K0169.0820067	20	M8	13	18	61	13	6	6	4
K0169.1025083	25	M10	16	21	75	14	8	6,5	5
K0169.1232105	32	M12	20	26	95	21	10,5	8	6
K0169.1636117	36	M16	22	29	106	26	11	9	8

Revolving taper grips



Material:

Black duroplastic PF 31.

Axle and threaded bush in galvanized steel or in stainless steel, natural finish.

Surface finish:

Deburred and high-polish finish.

Sample order:

K0170.105007

Note:

In order to assemble, unscrew the axle.

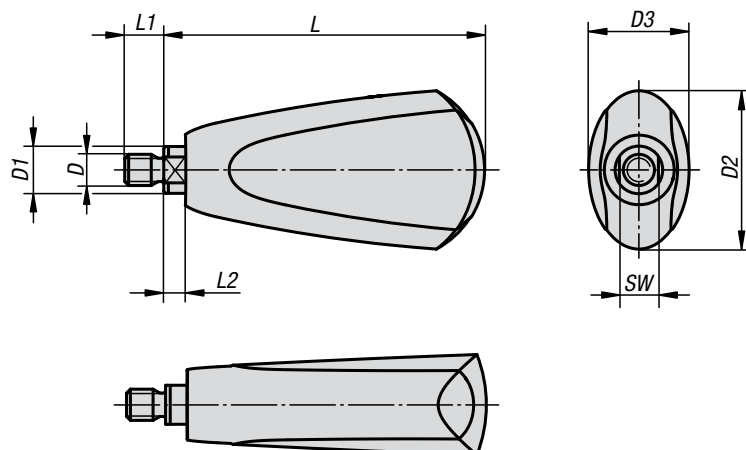


KIPP Revolving taper grips

Order No. axle in steel	Order No. axle in stainless steel	Size	D7	D8	D9	L5	L6	L7	SW
K0170.105007	K0170.1105007	1	M5	17	15	51	7	5	13
K0170.206008	K0170.1206008	2	M6	23	18	68	8	6	16
K0170.208009	K0170.1208009	2	M8	23	18	68	9	6	16
K0170.310011	K0170.1310011	3	M10	28	21	77	11	7	19

K0651

Revolving taper grips



Material:

Duroplastic PF 31, black.

Axle steel, nickel-plated or stainless steel 1.4305, natural finish.

Snap ring in stainless steel 1.4310.

Surface finish:

Deburred and high-polish finish.

Sample order:

K0651.106009

Note:

The grips are suitable for disc handwheels with revolving taper grip K0164.

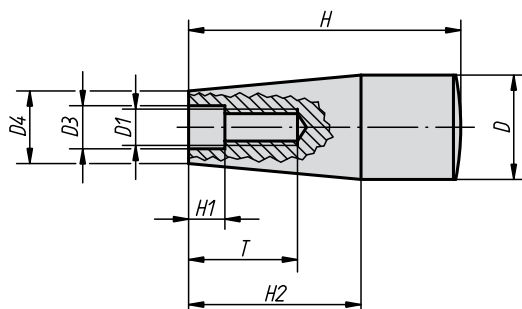
KIPP Revolving taper grips

Order No. axle in steel	Order No. axle in 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

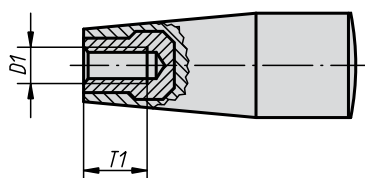
Taper grips



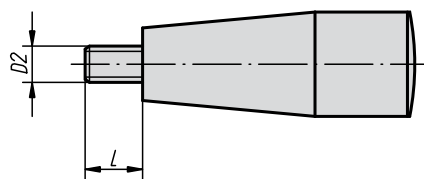
Form C
with pressed thread



Form E
with threaded bush



Form F
with external thread



Material:

Duroplastic PF 31, black.
Bush and threaded bolt in steel galvanized.

Surface finish:

Deburred and high-polish finish.

Sample order:

K0172.106

Note:

The versions K0172.205 and K0172.206 have a bush in copper-plated steel.
The versions K0172.208 and K0172.2081 have a bush in brass.

On request:

Other colours.

KIPP Taper grips with internal thread

Order No.	Form	D	D1	D3	D4	H	H1	H2	T	T1
K0172.106	C	17	M6	6,2	15	45	2	26	14	-
K0172.108	C	17	M8	8,2	13	45	2	26	16	-
K0172.1081	C	23	M8	8,5	18	60	8	38	24	-
K0172.110	C	29	M10	10,5	21	70	10	42	28	-
K0172.205	E	17	M5	-	15	45	-	26	-	10
K0172.206	E	17	M6	-	15	45	-	26	-	9
K0172.208	E	23	M8	-	18	60	-	38	-	14
K0172.2081	E	28	M8	-	21	70	-	42	-	14

KIPP Taper grips with external thread

Order No.	Form	D	D2	D4	H	H2	L
K0172.306	F	17	M6	15	45	26	18
K0172.308	F	23	M8	18	60	38	12
K0172.310	F	29	M10	21	70	42	20

Washers



Material, surface finish:

Steel 1.0718, black oxide finish.

Stainless steel 1.4305, natural finish.

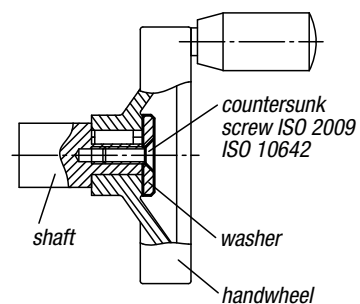
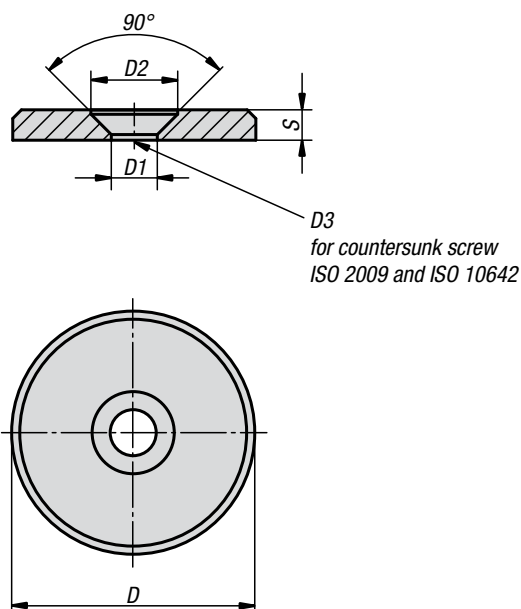
Sample order:

K0173.00416

Note:

Together with a countersunk screw DIN EN ISO 2009 or DIN EN ISO 10642 the washers are used at the front surface of shaft extensions for axial fastening and securing of handwheels and handles using a hub slot.

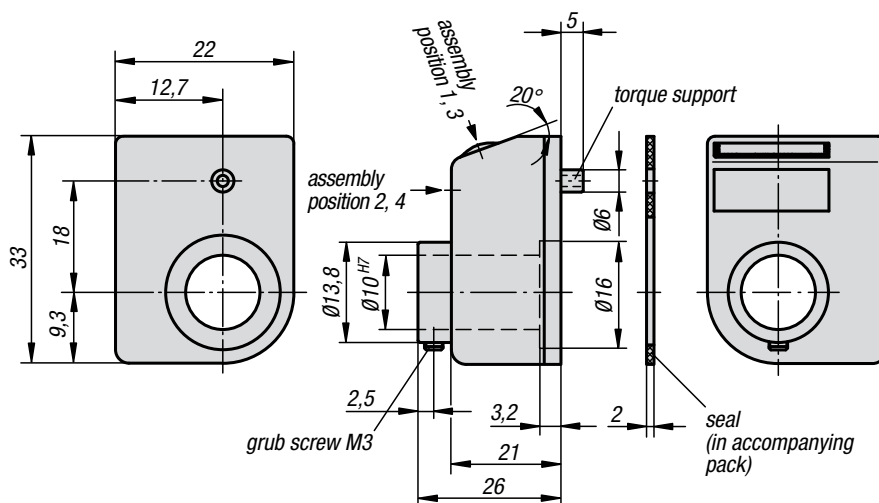
The washers can be used with the handwheels K0256, K0257, K0258, K0259, K0671, K0160, K0161, K0162, K0163, K0164, K0165 and crank handles K0266, K0659, K0268.



KIPP Washers

Order No. steel	Order No. stainless steel	D	D1	D2	D3	S
K0173.00416	K0173.10416	16	4,3	8,4	M4	3
K0173.00420	K0173.10420	20	4,3	8,4	M4	3
K0173.00522	K0173.10522	22	5,3	10	M5	3,5
K0173.00525	K0173.10525	25	5,3	10	M5	3,5
K0173.00528	K0173.10528	28	5,3	10	M5	3,5
K0173.00632	K0173.10632	32	6,4	12	M6	4
K0173.00636	K0173.10636	36	6,4	12	M6	4
K0173.00640	K0173.10640	40	6,4	12	M6	5
K0173.00645	K0173.10645	45	6,4	12	M6	6
K0173.00652	K0173.10652	52	6,4	12	M6	6

Digital position indicators



Material, surface finish:

Housing polyamide 6, impact-resistant.
Hollow shaft in steel, black oxide finish.
Viewing window plastic.
Grub screw steel, black.
Counter dials black, figures white.

Sample order:

K0408.01001111
(Position indicator with 1 mm pitch, decimal point in first position from the right, assembly position 1, direction of count ascending clockwise, colour orange)

Note:

Digital position indicators allow direct reading off of input measurement values at a glance.
In addition, the value indicated per spindle rotation (corresponding spindle pitch) can be selected and the various indicator values can be operated by a transmission gear. The position indicators are distinguished by their small construction with very clear display.
They are especially suitable for small spindle distances and small shaft diameters and they have a torque support that is located in a drillhole on the other side.

** At the 1st asterisk give assembly position and at the 2nd asterisk give the count direction (see sample order „assembly position, count direction“).

Indicator after one rotation decimal point position:	Assembly position (1 - 4):
e. g. K0408.01001111 0100 = 1 mm pitch 1 = decimal point at the 1 st position from the right	e. g. K0408.01001111 1 = assembly position

Count direction (1 - 2):	Colour (1 - 2):
 e. g. K0408.01001111 1 = clockwise (ascending values) 2 = anticlockwise (ascending values)	 e. g. K0408.01001111 1 = orange 2 = black

On request:

- Stainless steel driveshaft
- Indicator for inch

Accessory:

- Reducing bushes K0412

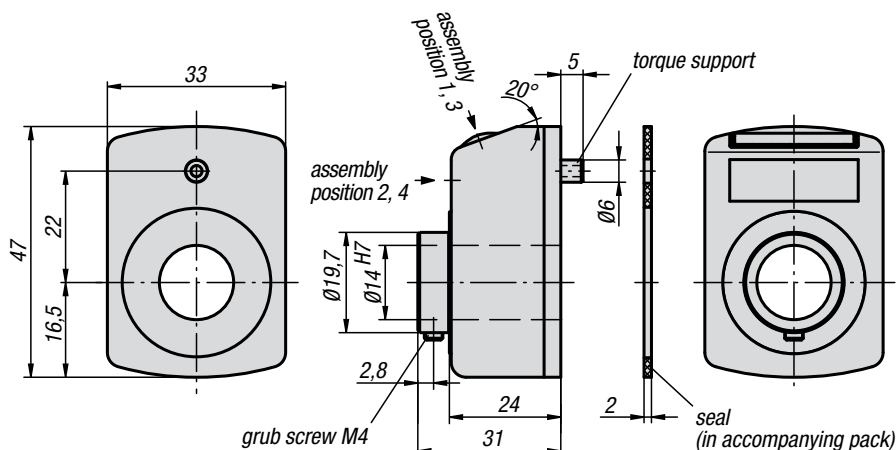
Technical data:

- Counter consisting of 3 10-position dials
- Height of figures about 4 mm
- Hollow shaft Ø 10 H7 mm
- Temperature resistant to 80 °C
- Oil and solvent resistant

KIPP Digital position indicators

Order No. orange	Order No. black	Pitch	Indicator after one rotation	Decimal point in position	Revolutions per minute max.	Approx. weight kg
K0408.01001**1	K0408.01001**2	1	01,0	1	1500	0,020
K0408.02001**1	K0408.02001**2	2	02,0	1	750	0,020
K0408.02501**1	K0408.02501**2	2,5	02,5	1	600	0,020
K0408.03001**1	K0408.03001**2	3	03,0	1	500	0,020
K0408.04001**1	K0408.04001**2	4	04,0	1	375	0,020
K0408.05001**1	K0408.05001**2	5	05,0	1	300	0,020
K0408.06001**1	K0408.06001**2	6	06,0	1	250	0,020
K0408.08001**1	K0408.08001**2	8	08,0	1	180	0,020
K0408.10001**1	K0408.10001**2	10	10,0	1	150	0,020

Digital position indicators



Material, surface finish:

Housing polyamide 6, impact-resistant.
 Hollow shaft steel, black oxide finish.
 Viewing window plastic.
 Grub screw steel, black.
 Counter dials black, figures white.

Sample order:

K0409.01002111

(Position indicator with 1 mm pitch, decimal point in second position from the right, assembly position 1, direction of count ascending clockwise, colour orange)

Note:

Digital position indicators allow direct reading off of input measurement values at a glance.
 In addition, the value indicated per spindle rotation (corresponding spindle pitch) can be selected and the various indicator values can be operated by a transmission gear. The position indicators are distinguished by their small construction with very clear display and fine scale.
 They are especially suitable for small spindle distances and small shaft diameters and they have a torque support that is located in a drillhole on the other side.

** At the 1st asterisk give assembly position and at the 2nd asterisk give the count direction (see sample order „assembly position, count direction“).

On request:

- Counter cover made of mineral glass
- Stainless steel driveshaft
- Axial sealing (dust-proof)
- Vibration protection

Accessory:

- Reducing bushes K0412
- Insert plate K0413
- Mounting plates K0414

Technical data:

- Counter consisting of 4 10-position dials + fine scale
- Height of figures about 6 mm
- Hollow shaft Ø 14 H7 mm
- Temperature resistant to 80 °C
- Oil and solvent resistant

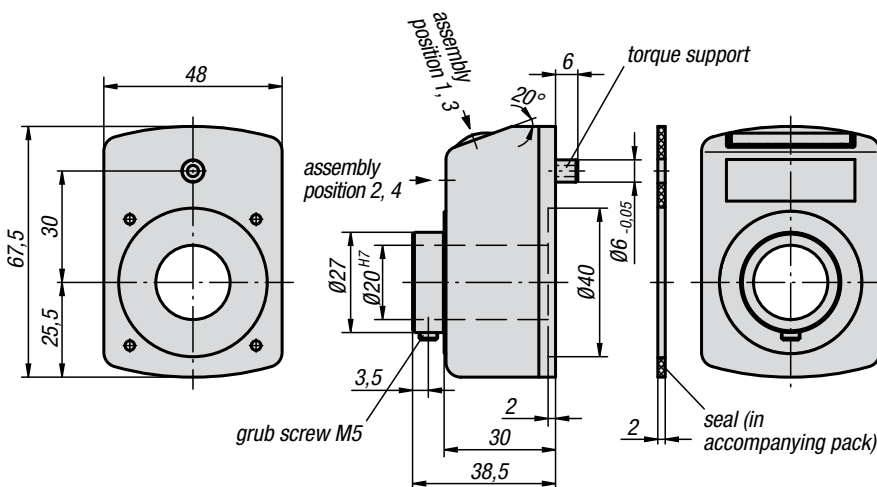
Indicator after one rotation decimal point position:	Assembly position (1 - 4):
e. g. K0409.01002111 0100 = 1 mm pitch 2 = decimal point at the 2 nd position from the right	e. g. K0409.01002111 1 = assembly position

Count direction (1 - 2):	Colour (1 - 2):
e. g. K0409.01002111 1 = clockwise (ascending values) 2 = anticlockwise (ascending values)	e. g. K0409.01002111 1 = orange 2 = black

KIPP Digital position indicators

Order No. orange	Order No. black	Pitch	Indicator after one rotation	Decimal point in position	Revolutions per minute max.	Approx. weight kg
K0409.01002**1	K0409.01002**2	1	00,10	2	1500	0,050
K0409.01001**1	K0409.01001**2	1	001,0	1	1500	0,050
K0409.01251**1	K0409.01251**2	1,25	001,2/5	1	1200	0,050
K0409.01501**1	K0409.01501**2	1,5	001,5	1	1000	0,050
K0409.02001**1	K0409.02001**2	2	002,0	1	750	0,050
K0409.02501**1	K0409.02501**2	2,5	002,5	1	600	0,050
K0409.03001**1	K0409.03001**2	3	003,0	1	500	0,050
K0409.04001**1	K0409.04001**2	4	004,0	1	375	0,050
K0409.05001**1	K0409.05001**2	5	005,0	1	300	0,050
K0409.06001**1	K0409.06001**2	6	006,0	1	250	0,050
K0409.08001**1	K0409.08001**2	8	008,0	1	180	0,050
K0409.10001**1	K0409.10001**2	10	010,0	1	150	0,050

Digital position indicators



Material, surface finish:

Housing polyamide 6, impact-resistant.
Hollow shaft steel, black oxide finish.
Viewing window plastic.
Grub screw steel, black.
Counter dials black, figures white.

Sample order:

K0410.01002111

(Position indicator with 1 mm pitch, decimal point in second position from the right, assembly position 1, direction of count ascending clockwise, colour orange)

Note:

Digital position indicators allow direct reading off of input measurement values at a glance. In addition the value indicated per spindle rotation (corresponding spindle pitch) can be selected and the various indicator values can be operated by a transmission gear. The position indicators are distinguished by their very clear display and fine scale. They have a torque support that is located in a drillhole on the other side.

** At the 1st asterisk give assembly position and at the 2nd asterisk give the count direction (see sample order „assembly position, count direction“)

On request:

- Counter cover made of mineral glass
- Stainless steel driveshaft
- Axial sealing (dust-proof)
- Waterproof
- Vibration protection

Accessory:

- Reducing bushes K0412
- Insert plate K0413
- Mounting plates K0414

Technical data:

- Counter consisting of 5 10-position dials + fine scale
- Height of figures about 7 mm
- Hollow shaft Ø 20 H7 mm
- Temperature resistant to 80 °C
- Oil and solvent resistant
- Dust-proof

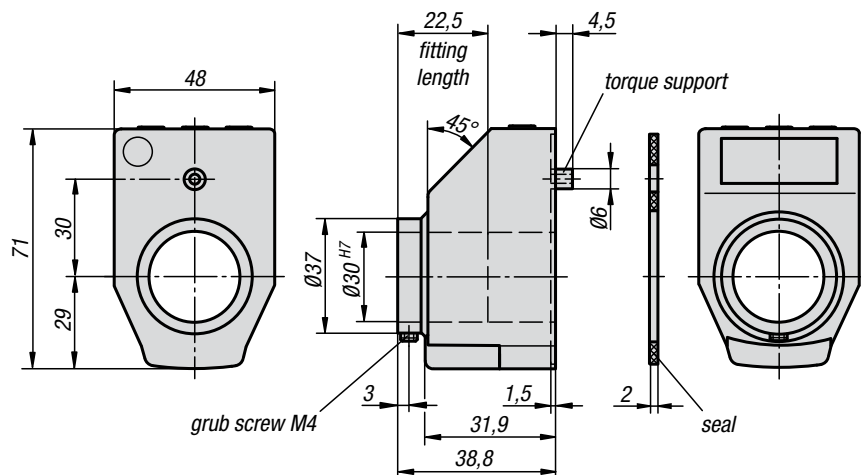
Indicator after one rotation decimal point position:	Assembly position (1 - 4):
e. g. K0410.01002111 0100 = 1 mm pitch 2 = decimal point at the 2 nd position from the right	e. g. K0410.01002111 1 = assembly position

Count direction (1 - 2):	Colour (1 - 2):
e. g. K0410.01002111 1 = clockwise (ascending values) 2 = anticlockwise (ascending values)	e. g. K0410.01002111 1 = orange 2 = black

KIPP Digital position indicators

Order No. orange	Order No. black	Pitch	Indicator after one rotation	Decimal point in position	Revolutions per minute max.	Approx. weight kg
K0410.01002**1	K0410.01002**2	1	000,10	2	1500	0,100
K0410.01001**1	K0410.01001**2	1	0001,0	1	1500	0,100
K0410.01501**1	K0410.01501**2	1,5	0001,5	1	1000	0,100
K0410.02001**1	K0410.02001**2	2	0002,0	1	750	0,100
K0410.02501**1	K0410.02501**2	2,5	0002,5	1	600	0,100
K0410.03001**1	K0410.03001**2	3	0003,0	1	500	0,100
K0410.04001**1	K0410.04001**2	4	0004,0	1	450	0,100
K0410.05001**1	K0410.05001**2	5	0005,0	1	300	0,100
K0410.06001**1	K0410.06001**2	6	0006,0	1	250	0,100
K0410.10001**1	K0410.10001**2	10	0010,0	1	150	0,100

Position indicators freely programmable



Material, surface finish:

Housing plastic.
Tubular shaft steel, black oxide finish.
View window, LCD display.
Grub screw steel, black.

Sample order not programmed:

K0411.12
(Position indicator with assembly position 1, colour black)

Sample order programmed:

K0411.0200021120
(See ordering example on the next page)

Note:

The electronic position indicators offer diverse opportunities compared to mechanical position indicators because they display angles as well as uncommon spindle pitches and record each fraction of spindle movement.

* Freely programmable parameters using the programming software K0411.09.

Characteristics:

- indicated value and decimal point freely programmable
- linear or angle mode
- function key for zero-point position
- function key for switching between the absolute dimension and chain dimension
- programming of an offset value directly at the device
- easy battery change

Accessory:

- reducing bushes K0412
- programming software K0411.09

Technical data:

- LCD Display with 5 digits
- Digit size approx. 11.5 mm
- Display range from -19999 ... 99999
- Tubular shaft $\varnothing$ 30 H7 mm
- Operating temperature -10 °C to +60 °C
- Storage temperature -30 °C to +80 °C
- Revolution max. 600 rpm
- Lithium battery Button cell 3V, type CR 2032. service life approx. 6 years
- Vibration-resistance according to DIN IEC 68-2-6 10 g / (5 ... 150 Hz), 20 g / (100 ... 2000 Hz)
- Shock-resistance according to DIN IEC 68-2-27 30 g / 15 ms
- EMC DIN EN 61000-4-2; DIN EN 61000-4-4
- Type of protection IP 51

KIPP Position indicators programmed

Order No.	Surface finish
K0411.	see ordering example on the next page

KIPP Position indicators not programmed*

Order No.	Colour	assembly position	Pitch	Indicator after one rotation	Decimal point in position	Count direction	zero-point position	Order No. software
K0411.12	black	1	freely programmable	freely programmable	freely programmable	freely programmable	freely programmable	K0411.09
K0411.13	red	1	freely programmable	freely programmable	freely programmable	freely programmable	freely programmable	K0411.09
K0411.32	black	3	freely programmable	freely programmable	freely programmable	freely programmable	freely programmable	K0411.09
K0411.33	red	3	freely programmable	freely programmable	freely programmable	freely programmable	freely programmable	K0411.09

Sample order for position indicators programmed

Order code:

K0411.

Indicator after one rotation:

e.g.
K0411.0200021120
Please indicate here which value is to be displayed after one rotation (this is usually the spindle pitch).

Important:

Please note the decimal point position!



Angle mode:

(resolution 0.1°)

If you want the display to be in angle mode, enter 03600.

The display in angle mode is 03600 after one rotation and will again at 00000 for the next rotation.

Decimal point position:

e.g.
K0411.0200021120
Please indicate here in which place you want to have the decimal point.

0 = 00000
1 = 0000.0
2 = 000.00
3 = 00.000



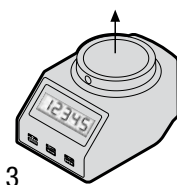
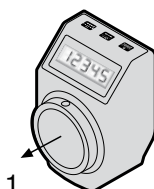
Angle mode:

If you want the display to be in angle mode, the decimal point is best put in position 1.

Thus the indicator shows the value 0360.0 after one rotation.

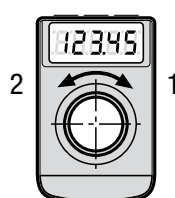
Assembly position:

e.g.
K0411.0200021120
1 = Mounting position for horizontal spindle
3 = Mounting position for vertical spindle



Count direction:

e.g.
K0411.0200021120
1 = clockwise (ascending values)
2 = anticlockwise (ascending values)



Colour:

e.g.
K0411.0200021120
2 = black
3 = red

2

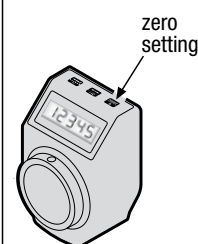


3



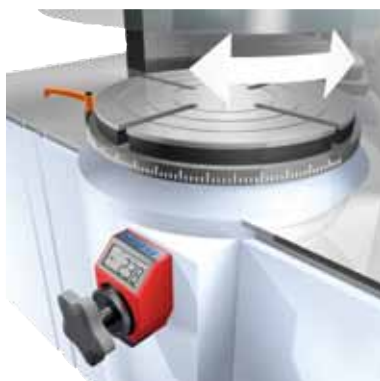
Zero-point position:

e.g.
K0411.0200021120
0 = directly
5 = delayed by 5 sec.



The Zero-point position can be delayed by 5 sec. by means of a parameter, in order to avoid accidental zero setting.

Application using position indicators



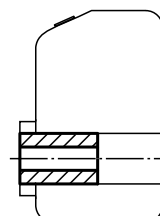
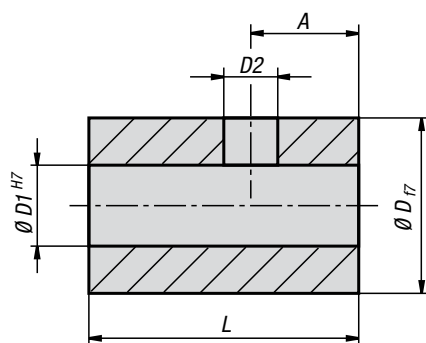
Reducing bushes



Material, surface finish:
Steel, black oxide finish.

Sample order:
K0412.1410

Note:
Reducing bushes are used for the adjustment of diameter between position indicator and displacement spindle.



KIPP Reducing bushes

Order No.	A	D	D1	D2	L	Suitable for Position indicator
K0412.1006	2,5	10	6	3,2	14	K0408
K0412.1008	2,5	10	8	3,2	14	K0408
K0412.1406	3,5	14	6	4,2	17	K0409
K0412.1408	3,5	14	8	4,2	17	K0409
K0412.1410	3,5	14	10	4,2	17	K0409
K0412.1412	3,5	14	12	4,2	17	K0409
K0412.2012	4,5	20	12	5,5	20	K0410
K0412.2014	4,5	20	14	5,5	20	K0410
K0412.2016	4,5	20	16	5,5	20	K0410
K0412.2018	4,5	20	18	5,5	20	K0410
K0412.3012	4	30	12	5,5	30	K0411
K0412.3014	4	30	14	5,5	30	K0411
K0412.3016	4	30	16	5,5	30	K0411
K0412.3018	4	30	18	5,5	30	K0411
K0412.3020	4	30	20	5,5	30	K0411
K0412.3025	4	30	25	5,5	30	K0411

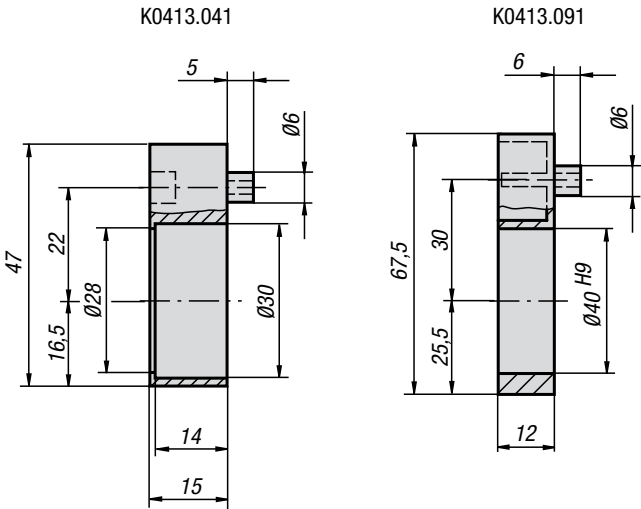
Insert plates



Material, surface finish:
Plastic.

Sample order:
K0413.041

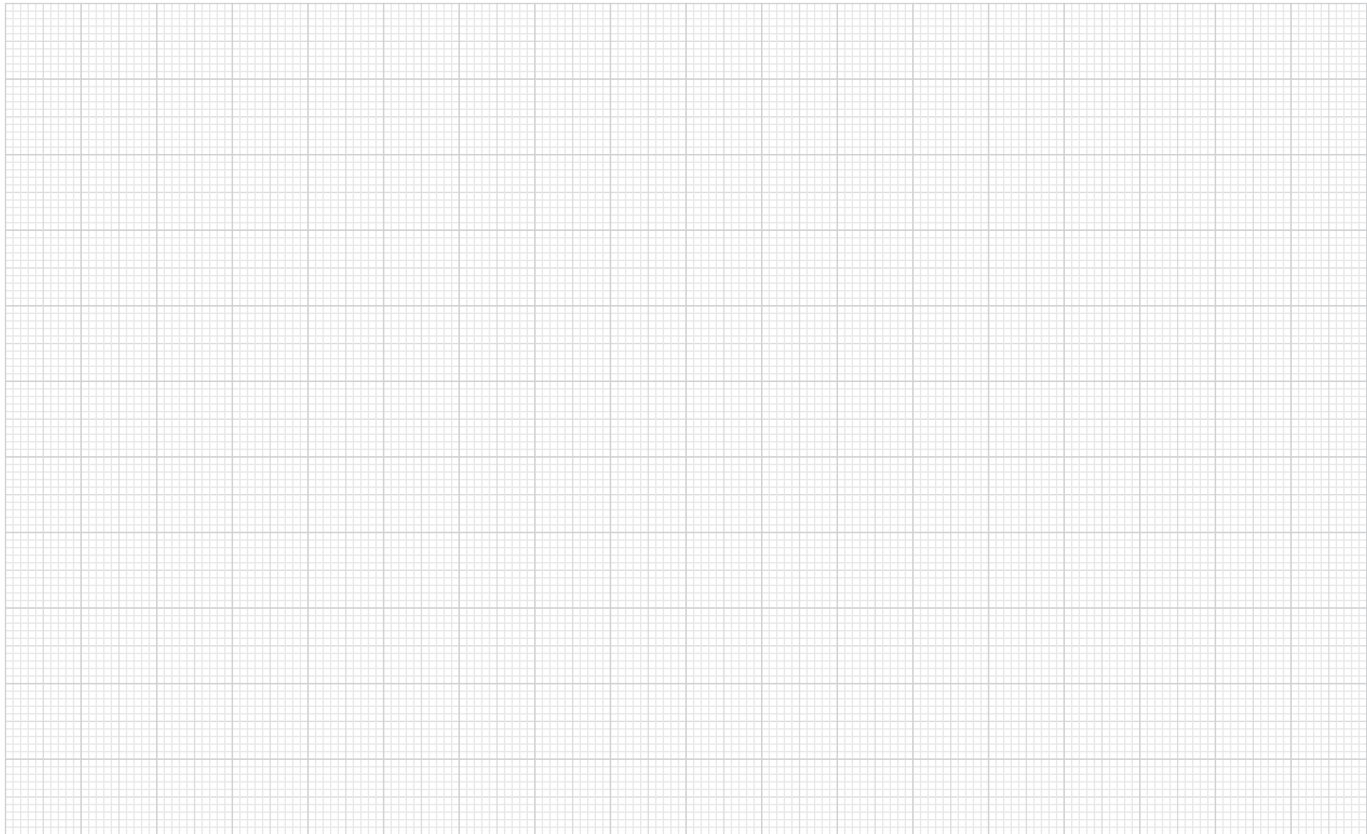
Note:
Insert plates are used for the attachment of adjusting rings and radial shaft seals.



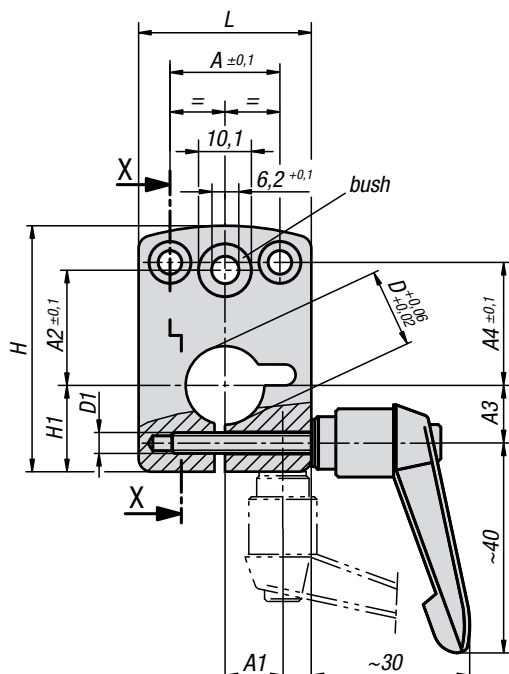
KIPP Insert plates

Order No.	Suitable for Position indicator	Approx. weight kg
K0413.041	K0409	0,009
K0413.091	K0410	0,013

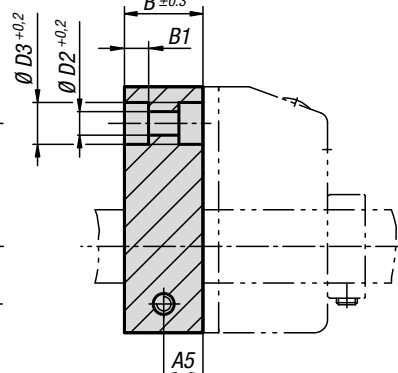
Notes



Mounting plates



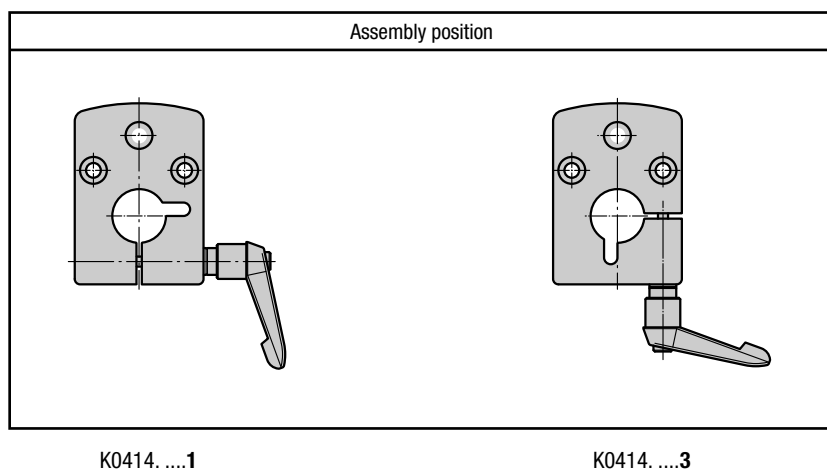
cutting view X-X



Material, surface finish:
Housing aluminium anodized.
Clamp lever in anthracite grey thermoplastic.

Sample order:
K0414.09121

Note:
Mounting plates form a compact unit in combination with position indicators. They guarantee reliable spindle clamping without additional construction work.
Because of simple mounting as an insertion plate, the mounting plate is also very suitable for subsequent fitting out of existing equipment.
By squeezing the bush, the diameter for the torque support can be expanded from Ø6.2 to Ø10.1.



K0414.1

K0414.3



KIPP Mounting plates

Order No. assembly position 1	Order No. assembly position 3	A	A1	A2	A3	A4	A5	B	B1	D	D1	D2	D3	H	H1	L	Suitable for Position indicator
K0414.04081	K0414.04083	21	-/11	22	11/-	23,5	7,5	15	4,6	8	M4	4,5	8	47	16,5	33	K0409
K0414.04101	K0414.04103	21	-/11	22	11/-	23,5	7,5	15	4,6	10	M4	4,5	8	47	16,5	33	K0409
K0414.04121	K0414.04123	21	-/11	22	11/-	23,5	7,5	15	4,6	12	M4	4,5	8	47	16,5	33	K0409
K0414.04141	K0414.04143	21	-/11	22	11/-	23,5	7,5	15	4,6	14	M4	4,5	8	47	16,5	33	K0409
K0414.09121	K0414.09123	34	-/17	30	17/-	17	10	20	5,5	12	M5	5,5	10	67,5	25,5	48	K0410
K0414.09141	K0414.09143	34	-/17	30	17/-	17	10	20	5,5	14	M5	5,5	10	67,5	25,5	48	K0410
K0414.09161	K0414.09163	34	-/17	30	17/-	17	10	20	5,5	16	M5	5,5	10	67,5	25,5	48	K0410
K0414.09181	K0414.09183	34	-/17	30	17/-	17	10	20	5,5	18	M5	5,5	10	67,5	25,5	48	K0410
K0414.09201	K0414.09203	34	-/17	30	17/-	17	10	20	5,5	20	M5	5,5	10	67,5	25,5	48	K0410