

11

Control elements

Hand wheels, star handles, star grips, clamping handles, and bow handles. Ball knobs. Wing screws and wing nuts.



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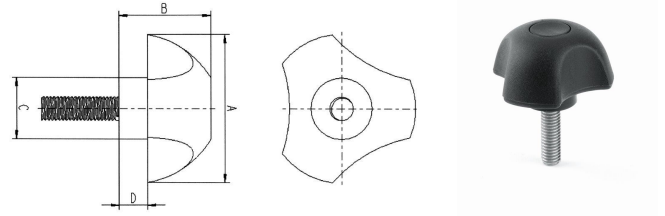


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Star knobs with threaded bolt

HDB

Application: hand wheels / star knobs
Material: polyamide / steel
Standard-Colour: black



Order No.	Handle Ø	Total height	Shaft Ø	Shaft height	Thread	Colour	PU*	MOQ**
	A	B	C	D				
15892.00	25,0	16,0	12,0	5,0	M 4x15	black	100	-
15893.00	25,0	16,0	12,0	5,0	M 5x18	black	100	500
15894.00	25,0	16,0	12,0	5,0	M 6x20	black	100	500
15896.00	32,0	20,0	15,0	6,0	M 6x10	black	100	500
15897.00	32,0	20,0	15,0	6,0	M 6x20	black	100	100
15898.00	32,0	20,0	15,0	6,0	M 6x30	black	100	-
15899.00	32,0	20,0	15,0	6,0	M 8x27	black	100	-
15900.00	40,0	25,0	17,0	8,0	M 6x15	black	100	-
15901.00	40,0	25,0	17,0	8,0	M 6x20	black	100	-
15902.00	40,0	25,0	17,0	8,0	M 6x30	black	100	-
15903.00	40,0	25,0	17,0	8,0	M 6x40	black	100	-
15904.00	40,0	25,0	17,0	8,0	M 8x20	black	100	-
15905.00	40,0	25,0	17,0	8,0	M 8x33	black	50	100
15906.00	40,0	25,0	17,0	8,0	M 8x47	black	50	100
15907.00	40,0	25,0	17,0	8,0	M 10x20	black	50	100
15908.00	40,0	25,0	17,0	8,0	M 10x33	black	50	100
15909.00	40,0	25,0	17,0	8,0	M 10x44	black	75	-
15910.00	50,0	31,0	19,0	9,0	M 8x15	black	50	100
15911.00	50,0	31,0	19,0	9,0	M 8x27	black	50	100
15912.00	50,0	31,0	19,0	9,0	M 8x40	black	50	100
15913.00	50,0	31,0	19,0	9,0	M 10x33	black	50	100
15914.00	50,0	31,0	19,0	9,0	M 10x50	black	50	-
15915.00	63,0	39,0	26,0	12,0	M 10x33	black	25	100
15916.00	63,0	39,0	26,0	12,0	M 12x40	black	25	100

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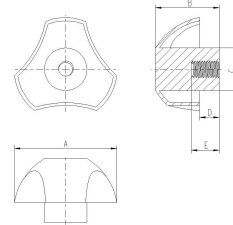
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Star knobs with threaded bush

HDG

Application: hand wheels / star knobs
Material: polyamide / brass
Standard-Colour: black



Order No.	Handle Ø	Total height	Shaft Ø	Shaft height	Thread	Thread depth	Colour	PU*	MOQ**
	A	B	C	D		E			
13654.00	25,0	16,0	12,0	5,0	M 4	8,0	black	100	200
13655.00	25,0	16,0	12,0	5,0	M 5	9,0	black	100	200
13656.00	25,0	16,0	12,0	5,0	M 6	10,0	black	100	200
13657.00	32,0	20,0	15,0	6,0	M 5	9,0	black	100	200
13658.00	32,0	20,0	15,0	6,0	M 6	10,0	black	100	200
13659.00	40,0	25,0	17,0	8,0	M 6	10,0	black	75	225
13660.00	40,0	25,0	17,0	8,0	M 8	14,0	black	75	225
13661.00	40,0	25,0	17,0	8,0	M 10	17,0	black	75	225
13662.00	50,0	31,0	19,0	9,0	M 8	14,0	black	50	100
13663.00	50,0	31,0	19,0	9,0	M 10	17,0	black	50	100
13664.00	63,0	39,0	26,0	12,0	M 10	17,0	black	50	100

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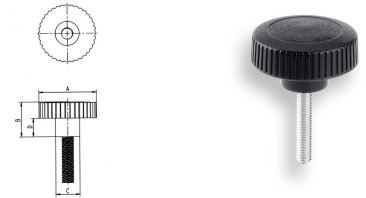
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Hand wheels with threaded bolt

HRB

Application: hand wheels / star knobs
Material: polyamide / steel
Standard-Colour: black



Order No.	Handle Ø	Height	Shaft Ø	Shaft height	Thread	Colour	PU*	MOQ**
	A	B	C	D				
15846.00	22,0	15,0	13,0	5,0	M 5x10	black	500	-
15851.00	22,0	15,0	13,0	5,0	M 6x10	black	500	-
15852.00	22,0	15,0	13,0	5,0	M 6x15	black	500	-
15853.00	22,0	15,0	13,0	5,0	M 6x20	black	500	-
15854.00	22,0	15,0	13,0	5,0	M 6x25	black	500	-
15855.00	22,0	15,0	13,0	5,0	M 6x30	black	500	-
15856.00	30,0	17,0	15,0	6,0	M 5x15	black	500	-
15857.00	30,0	17,0	15,0	6,0	M 5x20	black	500	-
15858.00	30,0	17,0	15,0	6,0	M 5x25	black	500	-
15861.00	30,0	17,0	15,0	6,0	M 6x20	black	500	-
15862.00	30,0	17,0	15,0	6,0	M 6x30	black	250	-
15864.00	30,0	17,0	15,0	6,0	M 6x40	black	250	-
15865.00	30,0	17,0	15,0	6,0	M 8x15	black	500	-
15868.00	30,0	17,0	15,0	6,0	M 8x30	black	250	-
15869.00	30,0	17,0	15,0	6,0	M 8x35	black	250	-
15873.00	40,0	22,0	19,0	9,0	M 6x20	black	250	-
15874.00	40,0	22,0	19,0	9,0	M 6x25	black	250	-
15877.00	40,0	22,0	19,0	9,0	M 8x20	black	250	-
15880.00	40,0	22,0	19,0	9,0	M 8x35	black	100	-
15881.00	50,0	30,0	21,0	16,0	M 8x15	black	100	-
15885.00	50,0	30,0	21,0	16,0	M 8x40	black	100	-
15886.00	50,0	30,0	21,0	16,0	M 10x15	black	100	-
15889.00	50,0	30,0	21,0	16,0	M 10x30	black	100	-
15890.00	50,0	30,0	21,0	16,0	M 10x35	black	100	-

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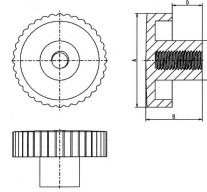
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Hand wheels with threaded bush

Application: hand wheels / star knobs
Material: polyamide/brass
Standard-Colour: black

HRM



Order No.	Handle Ø	Height	Shaft Ø	Shaft height	Thread	Colour	PU*	MOQ**
	A	B	C	D				
13644.00	22,0	15,0	13,0	5,0	M 4	black	500	500
13645.00	22,0	15,0	13,0	5,0	M 5	black	500	500
13646.00	22,0	15,0	13,0	5,0	M 6	black	500	500
13648.00	30,0	17,0	15,0	6,0	M 6	black	500	500
13649.00	30,0	17,0	15,0	6,0	M 8	black	500	500
13650.00	40,0	22,0	19,0	9,0	M 6	black	250	250
13651.00	40,0	22,0	19,0	9,0	M 8	black	250	250

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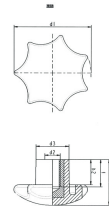
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Star knobs with brass threaded bush

HSB

Application: hand wheels / star knobs
Material: polyamide
Standard-Colour: black



Order No.	Handle Ø	Thread Ø	Shaft Ø	Total length	Shaft height	Thread depth	Colour	PU*	MOQ**
	d1	d2	d3	h1	h2	t			
17040.00	Ø 30	M 6	15	20	10	10	black	250	250
17052.00	Ø 40	M 5	16	23	11	12	black	250	-
17062.00	Ø 40	M 6	16	23	11	12	black	250	250
17078.00	Ø 40	M 8	16	23	11	12	black	250	250
17095.00	Ø 50	M 6	21	32	19	12	black	100	-
17088.00	Ø 50	M 10	21	32	19	20	black	100	-
17132.00	Ø 60	M 8	24	40	20	24	black	250	250
17119.00	Ø 60	M 10	24	40	20	24	black	250	250
17134.00	Ø 80	M 16	34	47	26	24	black	50	-

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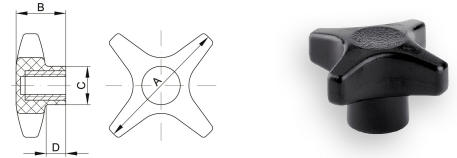
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Hand knobs with threads bush

Application: hand wheels / star knobs
Material: polyamide / brass
Standard-Colour: black

HSM



Order No.	Handle Ø	Height	Thread	Shaft Ø	Shaft height	Colour	PU*	MOQ**
	A	B		C	D			
13675.00	40,0	22,0	M 6	16,0	9,0	black	500	500
13676.00	40,0	22,0	M 8	16,0	9,0	black	500	500
13677.00	60,0	22,0	M 5	17,0	9,0	black	250	250
13679.00	60,0	22,0	M 8	17,0	9,0	black	250	250
13680.00	60,0	22,0	M 10	17,0	9,0	black	250	250

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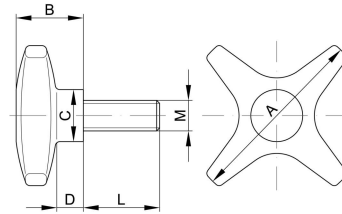
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Hand knobs with threads bolt

Application: hand wheels / star knobs
Material: polyamide / steel
Standard-Colour: black

HSS



Order No.	Handle Ø	Height	Thread	Shaft Ø	Shaft height	Colour	PU*	MOQ**
	A	B		C	D			
15918.00	40,0	22,0	M 5 x 15	16,0	9,0	black	250	-
15920.00	40,0	22,0	M 5 x 30	16,0	9,0	black	250	-
15922.00	40,0	22,0	M 6 x 15	16,0	9,0	black	250	-
15923.00	40,0	22,0	M 6 x 20	16,0	9,0	black	250	-
15924.00	40,0	22,0	M 6 x 25	16,0	9,0	black	250	-
15927.00	40,0	22,0	M 8 x 15	16,0	9,0	black	250	-
15928.00	40,0	22,0	M 8 x 20	16,0	9,0	black	250	-
15929.00	40,0	22,0	M 8 x 25	16,0	9,0	black	250	-
15931.00	40,0	22,0	M 8 x 35	16,0	9,0	black	250	-
15932.00	40,0	22,0	M 8 x 40	16,0	9,0	black	250	-
15933.00	60,0	22,0	M 5 x 15	17,0	9,0	black	250	-
15934.00	60,0	22,0	M 6 x 10	17,0	9,0	black	250	-
15935.00	60,0	22,0	M 6 x 15	17,0	9,0	black	250	-
15936.00	60,0	22,0	M 6 x 20	17,0	9,0	black	250	-
15937.00	60,0	22,0	M 6 x 25	17,0	9,0	black	250	-
15938.00	60,0	22,0	M 6 x 30	17,0	9,0	black	250	-
15939.00	60,0	22,0	M 6 x 35	17,0	9,0	black	250	-
15941.00	60,0	22,0	M 8 x 20	17,0	9,0	black	250	-
15942.00	60,0	22,0	M 8 x 25	17,0	9,0	black	250	-
15946.00	60,0	22,0	M 10 x 20	17,0	9,0	black	250	-
15947.00	60,0	22,0	M 10 x 30	17,0	9,0	black	100	-

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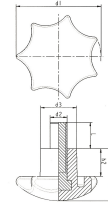
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Star knobs with threaded bolt

HST

Application: hand wheels / star knobs
Material: polyamide
Standard-Colour: black



Order No.	Handle Ø	Thread Ø	Shaft Ø	Total length	Shaft height	Colour	PU*	MOQ**
	d1	d2 x L	d3	h1	h2			
17010.00	Ø 25	M 4x10	13	16	8	black	250	-
17011.00	Ø 25	M 5x10	13	16	8	black	500	-
17012.00	Ø 25	M 5x15	13	16	8	black	500	500
17013.00	Ø 25	M 5x20	13	16	8	black	500	-
17014.00	Ø 25	M 5x40	13	16	8	black	250	-
17015.00	Ø 25	M 5x50	13	16	8	black	500	-
17017.00	Ø 25	M 6x10	13	16	8	black	500	-
17020.00	Ø 25	M 6x30	13	16	8	black	250	250
17021.00	Ø 25	M 6x45	13	16	8	black	500	500
17022.00	Ø 25	M 6x50	13	16	8	black	250	500
17023.00	Ø 25	M 6x60	13	16	8	black	250	500
17025.00	Ø 30	M 5x10	15	20	10	black	100	-
17026.00	Ø 30	M 5x15	15	20	10	black	100	-
17027.00	Ø 30	M 5x20	15	20	10	black	250	-
17028.00	Ø 30	M 5x25	15	20	10	black	250	-
17029.00	Ø 30	M 5x45	15	20	10	black	100	-
17030.00	Ø 30	M 6x10	15	20	10	black	250	-
17031.00	Ø 30	M 6x15	15	20	10	black	500	500
17032.00	Ø 30	M 6x20	15	20	10	black	500	500
17033.00	Ø 30	M 6x25	15	20	10	black	250	-
17034.00	Ø 30	M 6x30	15	20	10	black	250	-
17035.00	Ø 30	M 6x35	15	20	10	black	250	-
17036.00	Ø 30	M 6x45	15	20	10	black	250	250
17037.00	Ø 30	M 6x50	15	20	10	black	250	-
17038.00	Ø 30	M 6x60	15	20	10	black	250	-
17039.00	Ø 30	M 6x70	15	20	10	black	250	-
17042.00	Ø 30	M 8x15	15	20	10	black	250	250
17046.00	Ø 30	M 8x35	15	20	10	black	250	-
17048.00	Ø 30	M 8x60	15	20	10	black	250	-
17050.00	Ø 40	M 5x10	16	23	11	black	100	-
17051.00	Ø 40	M 5x20	16	23	11	black	250	-

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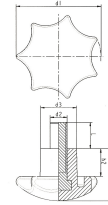
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Star knobs with threaded bolt

HST

Application: hand wheels / star knobs
Material: polyamide
Standard-Colour: black



Order No.	Handle Ø	Thread Ø	Shaft Ø	Total length	Shaft height	Colour	PU*	MOQ**
	d1	d2 x L	d3	h1	h2			
17053.00	Ø 40	M 6x10	16	23	11	black	250	-
17055.00	Ø 40	M 6x20	16	23	11	black	250	-
17056.00	Ø 40	M 6x25	16	23	11	black	250	-
17057.00	Ø 40	M 6x35	16	23	11	black	100	-
17058.00	Ø 40	M 6x40	16	23	11	black	250	-
17060.00	Ø 40	M 6x50	16	23	11	black	250	-
17061.00	Ø 40	M 6x60	16	23	11	black	250	-
17063.00	Ø 40	M 8x10	16	23	11	black	250	-
17066.00	Ø 40	M 8x20	16	23	11	black	250	-
17067.00	Ø 40	M 8x25	16	23	11	black	250	-
17068.00	Ø 40	M 8x30	16	23	11	black	250	-
17069.00	Ø 40	M 8x35	16	23	11	black	250	-
17072.00	Ø 40	M 8x50	16	23	11	black	250	-
17073.00	Ø 40	M 8x50	16	23	11	black	250	-
17074.00	Ø 40	M 8x60	16	23	11	black	250	-
17075.00	Ø 40	M 8x70	16	23	11	black	250	-
17076.00	Ø 40	M 8x80	16	23	11	black	100	-
17077.00	Ø 40	M 8x95	16	23	11	black	100	-
17064.00	Ø 40	M 8x110	16	23	11	black	50	-
17089.00	Ø 50	M 6x20	21	32	19	black	250	-
17091.00	Ø 50	M 6x35	21	32	19	black	250	-
17092.00	Ø 50	M 6x40	21	32	19	black	250	-
17093.00	Ø 50	M 6x50	21	32	19	black	100	-
17094.00	Ø 50	M 6x60	21	32	19	black	250	-
17097.00	Ø 50	M 8x10	21	32	19	black	250	-
17099.00	Ø 50	M 8x15	21	32	19	black	250	-
17101.00	Ø 50	M 8x30	21	32	19	black	100	-
17102.00	Ø 50	M 8x35	21	32	19	black	250	-
17103.00	Ø 50	M 8x40	21	32	19	black	250	-
17104.00	Ø 50	M 8x45	21	32	19	black	250	-
17105.00	Ø 50	M 8x60	21	32	19	black	100	250

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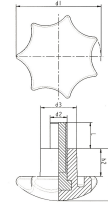
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Star knobs with threaded bolt

HST

Application: hand wheels / star knobs
Material: polyamide
Standard-Colour: black



Order No.	Handle Ø	Thread Ø	Shaft Ø	Total length	Shaft height	Colour	PU*	MOQ**
	d1	d2 x L	d3	h1	h2			
17107.00	Ø 50	M 8x70	21	32	19	black	50	-
17108.00	Ø 50	M 8x75	21	32	19	black	50	-
17109.00	Ø 50	M 8x90	21	32	19	black	200	-
17096.00	Ø 50	M 8x100	21	32	19	black	200	200
17098.00	Ø 50	M 8x120	21	32	19	black	200	200
17080.00	Ø 50	M 10x25	21	32	19	black	100	-
17081.00	Ø 50	M 10x30	21	32	19	black	100	-
17083.00	Ø 50	M 10x45	21	32	19	black	100	-
17084.00	Ø 50	M 10x50	21	32	19	black	100	-
17085.00	Ø 50	M 10x60	21	32	19	black	100	-
17087.00	Ø 50	M 10x80	21	32	19	black	100	-
17127.00	Ø 60	M 8x15	24	40	20	black	250	250
17128.00	Ø 60	M 8x20	24	40	20	black	50	50
17129.00	Ø 60	M 8x30	24	40	20	black	200	200
17130.00	Ø 60	M 8x45	24	40	20	black	200	200
17131.00	Ø 60	M 8x65	24	40	20	black	200	-
17126.00	Ø 60	M 8x120	24	40	20	black	50	-
17111.00	Ø 60	M 10x16	24	40	20	black	100	-
17112.00	Ø 60	M 10x20	24	40	20	black	100	-
17113.00	Ø 60	M 10x25	24	40	20	black	100	-
17114.00	Ø 60	M 10x30	24	40	20	black	100	-
17115.00	Ø 60	M 10x35	24	40	20	black	100	-
17116.00	Ø 60	M 10x40	24	40	20	black	100	-
17117.00	Ø 60	M 10x45	24	40	20	black	100	-
17118.00	Ø 60	M 10x60	24	40	20	black	100	-
17120.00	Ø 60	M 12x15	24	40	20	black	50	-
17121.00	Ø 60	M 12x30	24	40	20	black	50	-
17122.00	Ø 60	M 12x35	24	40	20	black	50	-
17124.00	Ø 60	M 12x60	24	40	20	black	50	-
17144.00	Ø 80	M 8x20	34	49	26	black	50	-
17145.00	Ø 80	M 8x25	34	49	26	black	50	-

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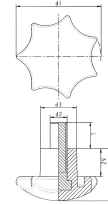
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Star knobs with threaded bolt

HST

Application: hand wheels / star knobs
Material: polyamide
Standard-Colour: black



Order No.	Handle Ø	Thread Ø	Shaft Ø	Total length	Shaft height	Colour	PU*	MOQ**
	d1	d2 x L	d3	h1	h2			
17135.00	Ø 80	M 10x30	34	49	26	black	25	-
17136.00	Ø 80	M 10x50	34	49	26	black	50	-
17137.00	Ø 80	M 12x40	34	49	26	black	50	-
17138.00	Ø 80	M 12x50	34	49	26	black	50	-
17139.00						black	50	-
17140.00	Ø 80	M 12x90	34	49	26	black	50	-
17141.00	Ø 80	M 16x15	34	49	26	black	50	-
17142.00	Ø 80	M 16x40	34	49	26	black	25	50
17143.00	Ø 80	M 16x50	34	49	26	black	50	-

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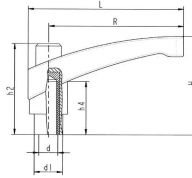
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Clamping handles with threaded bolt

HKB

Application: clamping handles
Material: polyamide
Standard-Colour: black



Order No.	Length	Threaded bolt	Shaft Ø	Total length	Height	Height	Height	Colour	PU*	MOQ**
	R	d x e	d1	L	h1	H	h4			
16978.00	43	M 5x10	13	51	33	37	23	black	50	-
16979.00	43	M 5x20	13	51	33	37	23	black	50	-
16981.00	43	M 6x15	13	51	33	37	23	black	50	-
16982.00	43	M 6x25	13	51	33	37	23	black	50	-
16983.00	43	M 6x40	13	51	33	37	23	black	50	-
16989.00	65	M 6x15	16	75	41	50	26	black	50	-
16990.00	65	M 6x20	16	75	41	50	26	black	50	-
16991.00	65	M 6x30	16	75	41	50	26	black	50	-
16992.00	65	M 6x40	16	75	41	50	26	black	50	-
16994.00	65	M 8x20	16	75	41	50	26	black	50	-
16995.00	65	M 8x33	16	75	41	50	26	black	50	-
16996.00	65	M 8x47	16	75	40	50	26	black	50	-
16985.00	65	M 10x20	16	75	41	50	26	black	50	-
16986.00	65	M 10x30	16	75	41	50	26	black	50	-
16987.00	65	M 10x40	16	75	41	50	26	black	50	-
17006.00	85	M 8x20	18	98	52	65	34	black	25	-
17007.00	85	M 8x33	18	98	52	65	34	black	25	-
17008.00	85	M 8x47	18	98	52	65	34	black	25	-
16998.00	85	M 10x20	18	98	52	65	34	black	25	-
16999.00	85	M 10x30	18	98	52	65	34	black	25	-
17000.00	85	M 10x40	18	98	52	65	34	black	25	-
17002.00	85	M 12x30	18	98	52	65	34	black	25	-
17003.00	85	M 12x40	18	98	52	65	34	black	25	-
17004.00	85	M 12x60	18	98	52	65	34	black	25	-

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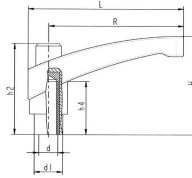
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Clamping handles with brass threaded bush

HKI

Application: clamping handles
Material: polyamide
Standard-Colour: black



Order No.	Length R	Thread Ø d	Shaft Ø d1	Total length L	Height h2	Total height H	Height h4	Colour	PU*	MOQ**
16977.00	43	M 4	13	51	33	37	23	black	50	50
16980.00	43	M 5	13	51	33	37	23	black	50	50
16984.00	43	M 6	13	51	33	37	23	black	50	50
16993.00	65	M 6	16	75	41	50	26	black	50	-
16997.00	65	M 8	16	75	41	50	26	black	50	50
16988.00	65	M 10	16	75	41	50	26	black	50	50
17009.00	85	M 8	18	98	52	65	34	black	25	25
17001.00	85	M 10	18	98	52	65	34	black	25	25
17005.00	85	M 12	18	98	52	65	34	black	25	25

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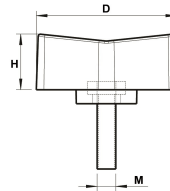
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Wing screws

Application: wing screws / wing nuts
 Material: polyamide / steel
 Standard-Colour: black

HMC


Order No.	Wing Ø	Wing height	Threaded bolt	Colour	PU*	MOQ**
	D	H	M			
17600.00	30,0	12,0	M 4 x 12/13	black	1000	1000
17601.00	30,0	12,0	M 5 x 10	black	1000	1000
17602.00	30,0	12,0	M 5 x 15	black	1000	1000
17603.00	30,0	12,0	M 5 x 19	black	1000	1000
17604.00	30,0	12,0	M 5 x 24	black	1000	1000
17605.00	30,0	12,0	M 5 x 29	black	1000	1000
17606.00	30,0	12,0	M 5 x 34	black	1000	1000
17607.00	30,0	12,0	M 5 x 39	black	1000	1000
17608.00	30,0	12,0	M 5 x 49	black	1000	1000
17609.00	30,0	12,0	M 6 x 10	black	1000	1000
17610.00	30,0	12,0	M 6 x 12	black	1000	1000
17611.00	30,0	12,0	M 6 x 14	black	1000	1000
17612.00	30,0	12,0	M 6 x 16	black	1000	1000
17613.00	30,0	12,0	M 6 x 20	black	1000	1000
17614.00	30,0	12,0	M 6 x 23	black	1000	1000
17615.00	30,0	12,0	M 6 x 28	black	1000	1000
17616.00	30,0	12,0	M 6 x 33	black	1000	1000
17617.00	30,0	12,0	M 6 x 38	black	1000	1000
17618.00	30,0	12,0	M 6 x 43	black	1000	1000
17619.00	30,0	12,0	M 6 x 48	black	1000	1000
17620.00	30,0	12,0	M 6 x 53	black	1000	1000
17621.00	30,0	12,0	M 6 x 58	black	1000	1000

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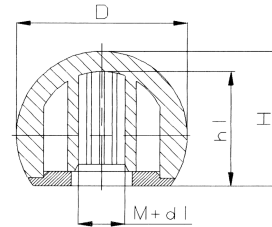
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Ball knobs with cover disk

SKA

Application: balls
Material: acrylonitrile butadiene styrene
Standard-Colour: black

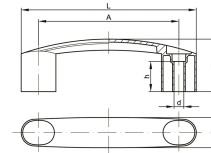


Order No.	Diameter	With thread	With hole	Depth	Height	Colour	PU*	MOQ**
		M	d1					
16050.00	Ø 20	M 5		15,5	18,0	black	2000	2000
16039.00	Ø 20	M 6		15,5	18,0	black	2000	2000
16040.00	Ø 20	M 8		15,5	18,0	black	2000	2000
16042.00	Ø 20	M 10		15,5	18,0	black	2000	2000
16049.00	Ø 20	-	Ø 5	15,5	18,0	black	2000	2000
16037.00	Ø 20	-	Ø 6	15,5	18,0	black	2000	2000
16038.00	Ø 20	-	Ø 8	15,5	18,0	black	2000	2000
16041.00	Ø 20	-	Ø 10	15,5	18,0	black	2000	-
16027.00	Ø 25	M 6	-	20,0	22,5	black	1000	-
16028.00	Ø 25	M 8	-	20,0	22,5	black	500	-
16044.00	Ø 25	M 10	-	20,0	22,5	black	2000	2000
16025.00	Ø 25	-	Ø 6	20,0	22,5	black	2000	2000
16026.00	Ø 25	-	Ø 8	20,0	22,5	black	2000	-
16043.00	Ø 25	-	Ø 10	20,0	22,5	black	2000	2000
16031.00	Ø 32	M 6	-	26,5	29,0	black	1000	2000
16032.00	Ø 32	M 8	-	26,5	29,0	black	1000	-
16046.00	Ø 32	M 10	-	26,5	29,0	black	500	-
16053.00	Ø 32	M 12	-	26,5	29,0	black	1000	2000
16029.00	Ø 32	-	Ø 6	26,5	29,0	black	1000	2000
16030.00	Ø 32	-	Ø 8	26,5	29,0	black	1000	2000
16045.00	Ø 32	-	Ø 10	26,5	29,0	black	1000	2000
16052.00	Ø 32	-	Ø 12	26,5	29,0	black	1000	2000
16048.00	Ø 40	M 6	-	34,5	37,0	black	500	1500
16035.00	Ø 40	M 8	-	34,5	37,0	black	500	-
16036.00	Ø 40	M 10	-	34,5	37,0	black	500	-
16056.00	Ø 40	M 12	-	34,5	37,0	black	500	1500
16054.00	Ø 40	-	Ø 5	34,5	37,0	black	500	1500
16047.00	Ø 40	-	Ø 6	34,5	37,0	black	500	1500
16033.00	Ø 40	-	Ø 8	34,5	37,0	black	500	1500
16034.00	Ø 40	-	Ø 10	34,5	37,0	black	500	1500
16055.00	Ø 40	-	Ø 12	34,5	37,0	black	500	1500

Bow-type handles

Application: handles
Material: PA GF
Standard-Colour: black

HGA 1



Order No.	Spacing A	Length L	Width C	Height B	Height h	Hole Ø	Colour	PU*	MOQ**
17883.00	93 +/-1	116	20	35	20	6,5	black	75	75
17884.00	109 +/-1	141	25	42	20	8,5	black	25	-
17885.00	117 +/-1	141	25	42	20	8,5	black	25	100
17886.00	132 +/-1	163	29	45	22	8,5	black	25	-
17887.00	150 +/-1	181	31	48	25	8,5	black	100	100

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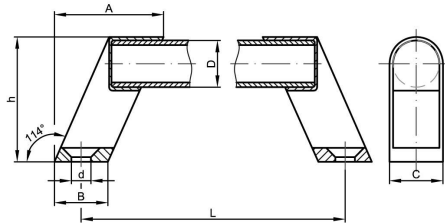
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Bow-type handles

Application: handles
Material: PA GF / aluminum
Standard-Colour: black

HGB



Order No.	Handle Ø	Length	Spacing	Width	Width	Height	Hole Ø	Colour	PU*	MOQ**
	D	L	A	B	C	h	d			
17891.00	20	200 +/-1	47	23	26	53	6,4	black	10	10
17892.00	20	300 +/-1	47	23	26	53	6,4	black	10	10
17893.00	20	400 +/-1	47	23	26	53	6,4	black	10	10
17894.00	20	500 +/-1	47	23	26	53	6,4	black	10	-
17895.00	20	700 +/-1	47	23	26	53	6,4	black	10	10
17896.00	25	200 +/-1	56	29	32	60	8,4	black	10	10
17897.00	25	300 +/-1	56	29	32	60	8,4	black	10	10
17898.00	25	400 +/-1	56	29	32	60	8,4	black	10	10
17899.00	25	500 +/-1	56	29	32	60	8,4	black	10	10
17900.00	25	700 +/-1	56	29	32	60	8,4	black	10	10

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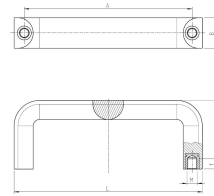
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Bow-type handles, brass tapped bushings

HGC

Application: duroplast products
 Additional Info: Duroplast
 Material: Duroplast FS 31
 Standard-Colour: black



Order No.	Spacing A	Length L	Depth t	Height H	Width B	Thread M	Colour	PU*	MOQ**
17881.00	109 +/- 1	124	13	45	21	M 6	black	25	150
17882.00	132 +/- 1	148	13	54	24	M 8	black	50	150

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