Handwheel with rotating handle

Black phenolic plastic

VPRAM



- ***Handwheel with handle for manual use***
- *Pre-bored*
- *Working temperature: -20°C to +140°C*
- *Materials:*
  - *Wheel: thermosetting plastic*
  - *Hub: galvanised steel or stainless steel*
  - *Handle: thermosetting plastic*
  - *Axle: galvanised steel*

Options

- *Different bore diameters*
- *Keyway*
- *See modification info*

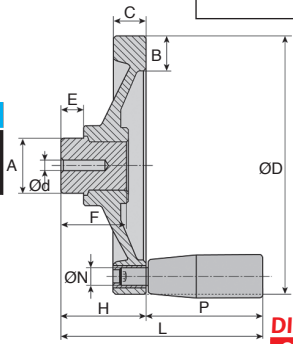
Application

- *All types of machines*

Modifiable bore



Price (tome 1 p.108)



DISCOUNTS

Qty	1+	6+	20+
Disc.	List	-5%	On request

Part number	ØD	H	L	C	B	ØA	Ød	E	F	P	ØN	Stock*	Price each 1 to 5
Steel													
VPRA50-M	50	23	50	11	10	16	4	9	20	13x27	M6	✔	16,75 €
VPRA65-M	65	28	55	13	13	20	4	10	24	13x27	M6	✔	19,55 €
VPRA80-M	80	31	71	14	15	20	4	10	27	17x40	M6	✔	21,39 €
VPRA100-M	100	35	85	14	16	24	4	11	29	21x50	M8	✔	26,50 €
VPRA125-M	125	44	99	16	18	32	6	13	35	23x55	M8	✔	33,73 €
VPRA150-M	150	48	113	18	20	32	6	13	37	25x65	M10	✔	41,63 €
VPRA200-M	200	58	143	21	24	40	6	16	44	28x85	M10	✔	65,84 €
VPRA250-M	250	66	151	22	30	48	6	17	49	28x85	M10	-	93,06 €
VPRA300-M	300	76	161	24	35	58	6	18	55	28x85	M10	-	144,26 €
Stainless steel													
VPRA100-M/SS	100	35	85	14	16	24	4	11	29	21x50	M8	-	46,70 €
VPRA150-M/SS	150	48	113	18	20	32	6	13	37	25x65	M10	-	62,14 €
VPRA200-M/SS	200	58	143	21	24	40	6	16	44	28x85	M10	-	90,81 €

**Depending on availability - Dimensions in mm*

Solid handwheel with revolving handle

Stock*

SHAPT Thermoplastic glass fiber reinforced

- ***Manual operating element***
- *Materials:*
  Wheel: glass fibre reinforced polyamide
  Hub: galvanised steel

Options

- *Different bore diameters*
- *Keyways*
- *See modification*

Application

- *All types of machines*

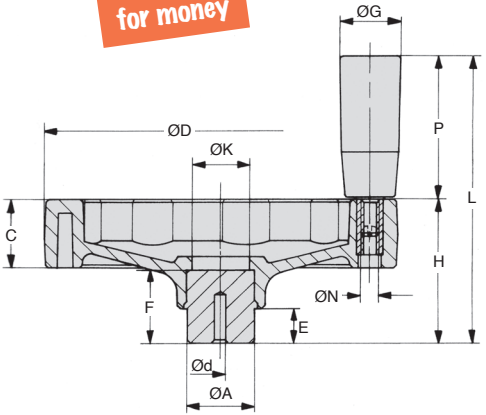


Great value for money

Bore modifications



Price (tome 1 p.110)



DISCOUNTS

Qty	1+	6+	20+
Disc.	List	-5%	On request

Part number	Ød Pre-bore	ØD	H	C	ØA	E	F	ØK	L	ØG	P	ØN	Stock*	Price each 1 to 5
SHA-100-PT	4	100	46	20	24	12	24	18	96	21	50	M6	✔	21,54 €
SHA-125-PT	6	125	51	24	24	12	28	20	101	21	50	M6	✔	26,04 €
SHA-160-PT	6	160	61	28	32	15	31	30	131	23	70	M8	✔	33,84 €
SHA-200-PT	6	200	74	32	40	15	40	35	164	26	90	M10	✔	48,62 €

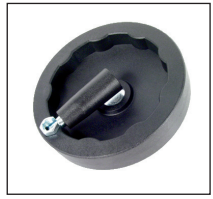
**Subject to availability - Dimensions in mm*

Solid handwheel with folding handle

Thermoplastic glass fiber reinforced SHAPTR

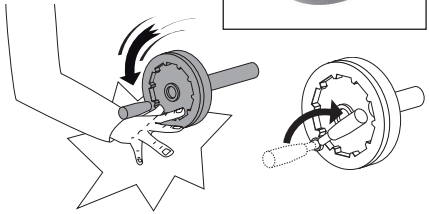
- **Manual operating element**
- Materials:
  Wheel: glass fibre reinforced polyamide
  Hub: galvanised steel

Great value for money



Info.

- Revolving handle folds away for safety



Options

- Different bore diameters
- Keyways
- See modification

Application

- All types of machines

Bore modifications



Price (tome 1 p.110)

DISCOUNTS

Qty	1+	6+	20+
Disc.	List	-5%	On request

Part number	Ød Pre-bore	ØD	H	C	ØA	E	F	L	L1	ØG	P	ØN	Stock*	Price each 1 to 5
SHA-100-PTR	4	100	46	20	24	12	24	98	50	21	52	M4	✔	50,78 €
SHA-125-PTR	6	125	51	24	24	12	28	103	54	21	52	M4	✔	56,39 €
SHA-160-PTR	6	160	61	28	32	15	31	133	65	23	72	M5	✔	63,97 €
SHA-200-PTR	6	200	74	32	40	15	40	166	79	26	92	M6	✔	80,19 €

**Subject to availability - Dimensions in mm*

Solid handwheel without handle

SHA Thermoplastic glass fiber reinforced

- ***Manual operating element***
- *Materials:*
  Wheel: glass fibre reinforced polyamide
  Hub: galvanised steel

Great value for money



Options

- *Different bore diameters*
- *Keyways*
- *See modification info*

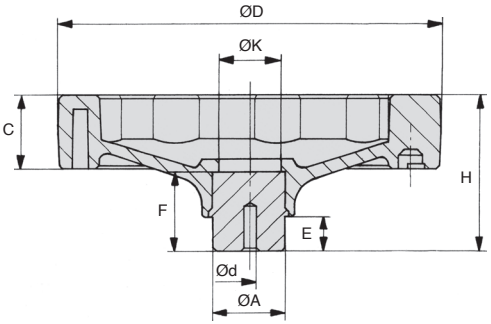
Application

- *All types of machines*

Bore modifications



Price (tome 1 p.110)



DISCOUNTS

Qty	1+	6+	20+
Disc.	List	-5%	On request

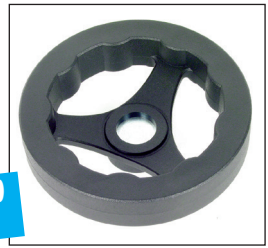
Part number	Ød Pre-bore	ØD	H	C	ØA	E	F	ØK	Stock*	Price each 1 to 5
SHA-100	4	100	46	20	24	12	24	18	✔	14,49 €
SHA-125	6	125	51	24	24	12	28	20	-	17,02 €
SHA-160	6	160	61	28	32	15	31	30	-	25,19 €
SHA-200	6	200	74	32	40	15	40	35	✔	38,17 €

**Subject to availability - Dimensions in mm*

3 spoked handwheel without handle

Thermoplastic glass fiber reinforced V3RA

- ***Manual operating element***
- *Materials:*
  Wheel: glass fibre reinforced polyamide
  Hub: galvanised steel



New Ø300
Ø375

Options

- *Different bore diameters*
- *Keyways*
- *See modification info*

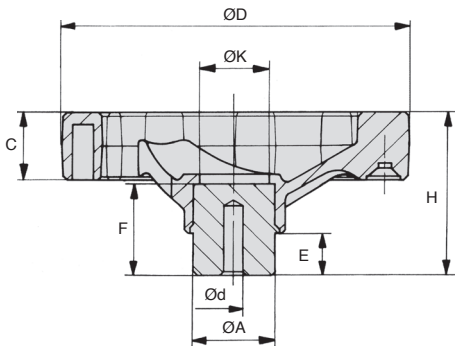
Application

- *All types of machines*

Bore modifications



Price (tome 1 p.110)



DISCOUNTS

Qty	1+	6+	20+
Disc.	List	-5%	On request

Part number	Ød pre-bore	ØD	H	C	ØA	E	F	ØK	Stock*	Price each 1 to 5
V3RA-100	4	100	46	20	24	12	24	18	✔	11,65 €
V3RA-125	6	125	51	24	24	12	28	20	✔	14,69 €
V3RA-160	6	160	61	28	32	15	31	30	✔	20,76 €
V3RA-200	6	200	74	32	40	15	40	35	✔	31,30 €
V3RA-250	6	250	83	34	48	17	49	35	-	47,77 €
V3RA-300	6	300	93	36	58	18	53	48	New -	77,73 €
V3RA-375	6	375	104	38	58	18	53	48	New -	115,32 €

**Subject to availability - Dimensions in mm*

3 spoked handwheel with revolving handle

V3RAPT Thermoplastic glass fiber reinforced

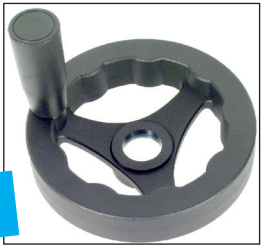
- ***Manual operating element***
- *Freely revolving handle for manual operation*
- *Materials:*
  Wheel: glass fibre reinforced polyamide
  Hub: galvanised steel

Options

- *Different bore diameters*
- *Keyways*
- *See modification info*

Application

- *All types of machines*

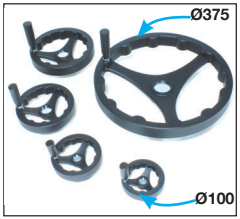


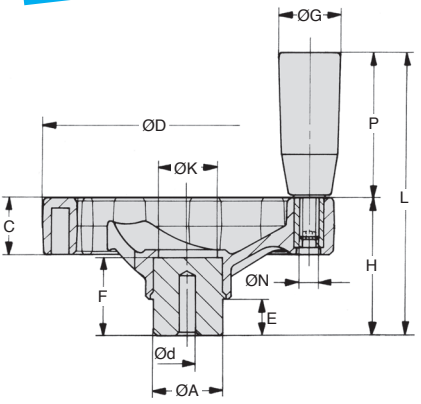
New Ø300 Ø375

Bore modifications



Price (tome 1 p.110)





DISCOUNTS

Qty	1+	6+	20+
Disc.	List	-5%	On request

Part number	Ød pre-bore	ØD	H	C	ØA	E	F	ØK	L	ØG	P	ØN	Stock*	Price each 1 to 5
V3RA-100-PT	4	100	46	20	24	12	24	18	96	21	50	M6	✔	19,32 €
V3RA-125-PT	6	125	51	24	24	12	28	20	101	21	50	M6	✔	22,36 €
V3RA-160-PT	6	160	61	28	32	15	31	30	131	23	70	M8	✔	28,81 €
V3RA-200-PT	6	200	74	32	40	15	40	35	164	26	90	M10	✔	40,00 €
V3RA-250-PT	6	250	83	34	48	17	49	35	173	26	90	M10	-	56,80 €
V3RA-300-PT	6	300	93	36	58	18	53	48	183	26	90	M10	New -	90,25 €
V3RA-375-PT	6	375	104	38	58	18	53	48	194	26	90	M10	New -	132,87 €

**Subject to availability - Dimensions in mm*

3 spoked handwheel with folding handle

Thermoplastic glass fiber reinforced V3RAPTR

- **Manual operating element**
- Freely revolving handle for manual operation
- Materials:
  Wheel: glass fibre reinforced polyamide
  Hub: galvanised steel



New Ø300
Ø375

Info.

- Revolving handle folds away for safety

Options

- Different bore diameters
- Keyways
- See modification info

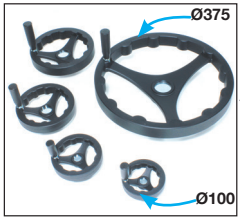
Application

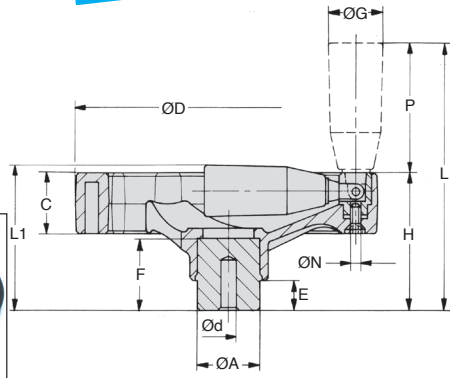
- All types of machines

Bore modifications



Price (tome 1 p.110)





DISCOUNTS

Qty	1+	6+	20+
Disc.	List	-5%	On request

Part number	Ød pre-bore	ØD	H	C	ØA	E	F	L	L1	ØG	P	ØN	Stock*	Price each 1 to 5
V3RA-100-PTR	4	100	46	20	24	12	24	100	50	21	52	M4	✔	45,71 €
V3RA-125-PTR	6	125	51	24	24	12	28	105	54	21	52	M4	✔	50,49 €
V3RA-160-PTR	6	160	61	28	32	15	31	135	65	23	74	M5	✔	57,36 €
V3RA-200-PTR	6	200	74	32	40	15	40	168	79	26	94	M6	✔	68,63 €
V3RA-250-PTR	6	250	83	34	48	17	49	173	89	26	94	M6	-	82,64 €
V3RA-300-PTR	6	300	93	36	58	18	53	184	100	26	94	M6	New	117,01 €
V3RA-375-PTR	6	375	104	38	58	18	53	195	110	26	94	M6	New	148,05 €

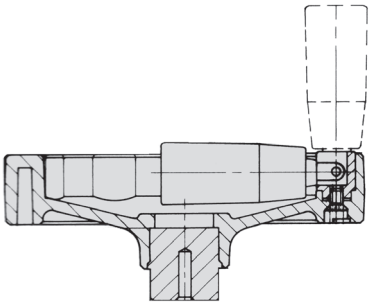
**Subject to availability - Dimensions in mm*

HANDWHEELS
PLEASE FILL IN THE DETAILS

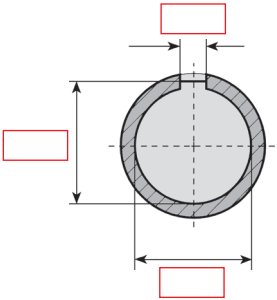
Please complete this form and return it to us!
Email address: cial2@hpceurope.com
Tel: +33(0)4 37 496 496

Wheel diameter

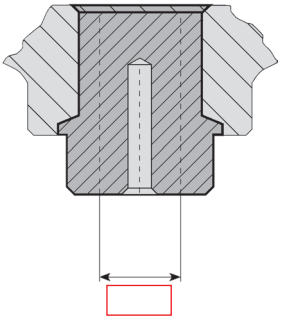
Ø50		Ø200	
Ø65		Ø250	
Ø80		Ø300	
Ø100		Ø375	
Ø125			
Ø150			



Keyway

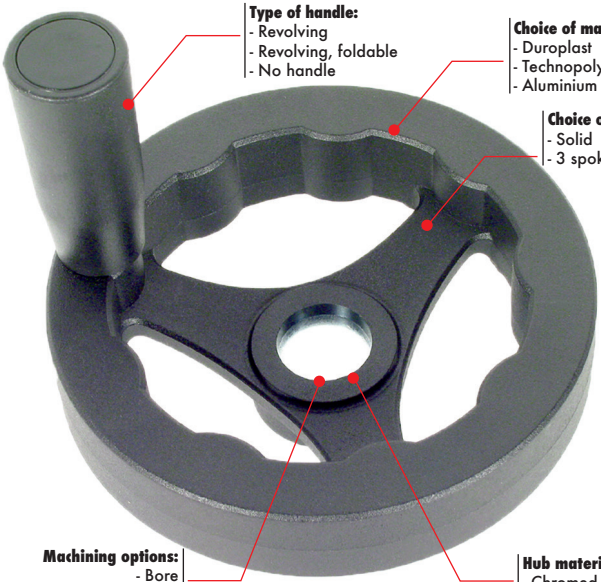


Bore modifications



MODIFIED

HANDWHEELS



EXAMPLES OF HAND WHEELS ALREADY SUPPLIED



Handwheels and cranks

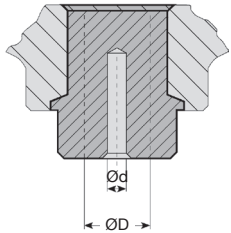
MH VPRA

Bore modifications

Info.

Bore modifications valid for VPRA series handwheels and MH cranks.

Order example:
VPRA-100-M-14: *Handwheel with rotating handle, ext. diam. 100mm, bore diam. 14mm*



DISCOUNTS MH

Qty	1+	10+	20+
Disc.	List	-5%	On request

DISCOUNTS VPRA

Qty	1+	6+	20+
Disc.	List	-5%	On request

Part number	Ød Pre-bore	ØD Max. bore	ØD Possible	Price each
Crank				
MH65	4	14	6-8-9-10-12-14	27,73 €
MH80	4	16	6-8-9-10-12-14	30,41 €
			15-16	31,84 €
MH100	4	18	6-8-9-10-12-14	33,23 €
			15-16-18	34,66 €
MH130	6	20	8-9-10-12-13-14	43,36 F
			15-16-18-20	44,79 €
MH160	6	25	10-12-13-14	52,85 €
			15-16-18-20	54,27 €
			22-24-25	64,53 €
Handwheel				
VPRA50	4	10	6-8-9-10	22,19 €
VPRA65	4	10	6-8-9-10	25,00 €
VPRA80	4	10	6-8-9-10	26,84 €
VPRA100	4	15	8-9-10-12-13-14	31,95 €
			15	32,90 €
VPRA125	6	18	8-9-10-12-14	39,18 €
			15-16-18	40,13 €
VPRA150	6	20	8-9-10-12-14	47,08 €
			15-16-18-19-20	48,03 €
VPRA200	6	26	15-16-18-19-20	72,24 €
			22-24-25	79,00 €
			26	82,86 €
VPRA250	6	30	15-16-18-19-20	99,45 €
			22-24-25	106,22 €
			26-28-30	110,09 €
VPRA300	6	46	22-25	157,42 €
			26-28-30	161,28 €

Dimensions in mm

Bore modification and keyways

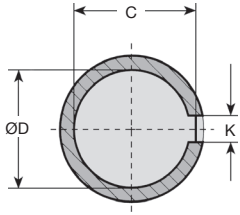
MH
VPRA

Info.

Bore modifications valid for VPRA series handwheels and MH cranks.

Order example:

VPRA-100-M-14K : *Handwheel with rotating handle, ext. diam. 100mm, bore diam. 14mm, normal keyway 5mm.*



DISCOUNTS MH

Qty	1+	10+	20+
Disc.	List	-5%	On request

DISCOUNTS VPRA

Qty	1+	6+	20+
Disc.	List	-5%	On request

Part number	Ød Pre-bore	ØD Max. bore	Maxi. K	Maxi. C 0/+0,1	ØD Possible	Price each
Crank						
MH65	4	12	4	13,8	6-8-9-10-12	57,72 €
MH80	4	12	4	13,8	6-8-9-10-12	60,39 €
MH100	4	14	5	16,3	6-8-9-10-12-14	63,21 €
MH130	6	18	6	20,8	8-9-10-12-13-14	73,34 €
					15-16-18	78,10 €
MH160	6	20	6	22,8	10-12-13-14	82,83 €
					15-16-18-20	87,59 €
Handwheel						
VPRA50	4	6	2	8	6	42,00 €
VPRA65	4	8	2	9	6-8	44,80 €
VPRA80	4	8	2	9	6-8	46,64 €
VPRA100	4	12	4	13,8	8-9-10-12	55,90 €
VPRA125	6	14	5	16,8	8-9-10-12-14	61,19 €
VPRA150	6	18	6	20,8	8-9-10-12-14-15-16	69,08 €
					15-16-18	70,03 €
VPRA200	6	20	6	22,8	15-16-18-19-20	94,24 €
VPRA250	6	26	8	29,3	15-16-18-19-20	121,46 €
					22-24-25	128,23 €
					26	132,09 €
VPRA300	6	42	12	45,7	20-22-25	183,82 €
					26-28-30	187,69 €
					32-35-40-42	On request

Dimensions in mm

Hand wheels

V3RA SHA

Modification to bores

Info.

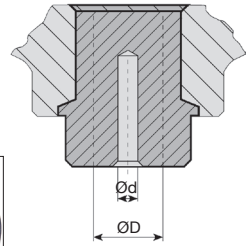
It is possible to modify the bores of the V3RA and SHA series to suit your requirements. This is possible for versions without a handle, with a revolving handle and with a folding revolving handle.

Ordering example

V3RA-125-PT-16: *A 3 spoke hand wheel with revolving handle, external diameter 125mm and 16mm bore diameter*







DISCOUNTS

Qty	1+	6+	20+
Disc.	List	-5%	On request

Part number	Ød Pre-bore	ØD Max. bore	Bore	Price each 1 to 5
V3RA-100	4	18	8-9-10-11-12-13-14	20,30 €
			15-16-17-18	21,42 €
V3RA-125	6	18	8-9-10-11-12-13-14	22,53 €
			15-16-17-18	23,69 €
V3RA-160	6	24	8-9-10-11-12-13-14	28,61 €
			15-16-17-18-19-20	29,74 €
			21-22-23-24	39,26 €
V3RA-200	6	32	8-9-10-11-12-13-14	39,21 €
			15-16-17-18-19-20	40,36 €
			21-22-23-24-25	49,83 €
			26-27-28-29-30	55,22 €
V3RA-250	6	36	15-16-17-18-19-20 New	52,76 €
			21-22-23-24-25 New	59,52 €
			26-27-28-29-30-32 New	63,38 €
V3RA-300	6	36	15-16-17-18-19-20 New	84,10 €
			21-22-23-24-25 New	90,87 €
			26-27-28-29-30-32 New	94,72 €
V3RA-375	6	36	15-16-17-18-19-20 New	121,69 €
			21-22-23-24-25 New	128,45 €
			26-27-28-29-30-32 New	132,31 €
SHA-100	4	18	8-9-10-11-12-13-14	22,36 €
			15-16-17-18	23,50 €
SHA-125	6	18	8-9-10-11-12-13-14	24,89 €
			15-16-17-18	26,02 €
SHA-160	6	24	8-9-10-11-12-13-14	33,08 €
			15-16-17-18-19-20	34,19 €
			21-22-23-24	43,71 €
SHA-200	6	32	8-9-10-11-12-13-14	46,06 €
			15-16-17-18-19-20	47,20 €
			21-22-23-24-25	56,69 €
			26-27-28-29-30	62,10 €

Dimensions in mm

Modification to bores

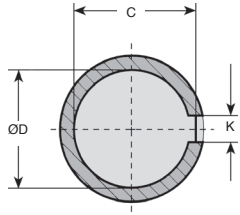
V3RA SHA

Info.

It is possible to modify the bores and keyways of the V3RA and SHA series to suit your requirements. This is possible for versions without a handle, with a revolving handle and with a folding revolving handle

Ordering example

V3RA-125-PT-14K: *A 3 spoke hand wheel with revolving handle, external diameter 125mm, 14mm bore diameter and 5mm standardised keyway*







DISCOUNTS

Qty	1+	6+	20+
Disc.	List	-5%	On request

Part number	Ød Pre-bore	ØD Max. bore	K max.	C 0/+0,1 max.	Bore	Price each 1 to 5
V3RA-100	4	14	5	16,3	8-9-10-11-12-13-14	51,16 €
V3RA-125	6	14	5	16,3	8-9-10-11-12-13-14	53,41 €
V3RA-160	6	20	6	22,8	8-9-10-11-12-13-14	59,43 €
					15-16-17-18-19-20	60,60 €
V3RA-200	6	28	8	31,3	8-9-10-11-12-13-14	70,06 €
					15-16-17-18-19-20	71,18 €
					21-22-23-24-25	80,69 €
					26-27-28	86,12 €
V3RA-250	6	32	10	35,3	15-16-17-18-19-20 New	74,72 €
					21-22-23-24-25 New	81,48 €
					26-27-28-29-30-32 New	85,33 €
V3RA-300	6	32	10	35,3	15-16-17-18-19-20 New	106,06 €
					21-22-23-24-25 New	112,83 €
					26-27-28-29-30-32 New	116,68 €
V3RA-375	6	32	10	35,3	15-16-17-18-19-20 New	143,65 €
					21-22-23-24-25 New	150,41 €
					26-27-28-29-30-32 New	154,27 €
SHA-100	4	14	5	16,3	8-9-10-11-12-13-14	53,24 €
SHA-125	6	14	5	16,3	8-9-10-11-12-13-14	55,74 €
SHA-160	6	20	6	22,8	8-9-10-11-12-13-14	63,90 €
					15-16-17-18-19-20	34,19 €
SHA-200	6	28	8	31,3	8-9-10-11-12-13-14	76,91 €
					15-16-17-18-19-20	78,04 €
					21-22-23-24-25	87,59 €
					26-27-28	93,01 €

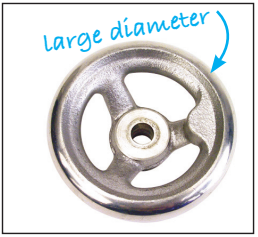
Dimensions in mm

Handwheel without handle

HLU

Aluminium

- ***Hand wheel***
- *Material: aluminium*
- *Finish: edges machined and polished*
- *Keyway conforms to DIN6885-1*

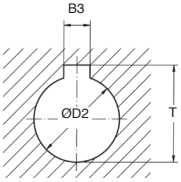


Advantages

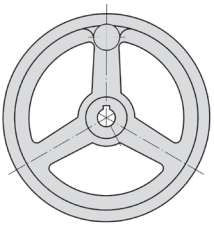
- *Light*

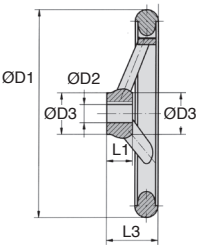
Options

- *A version with a revolving handle exists, see* ***HLUT (tome 1 p.113)***



Keyway





DISCOUNTS

Qty	1+	6+	15+	20+
Disc.	List	-5%	-10%	On request

Part number with keyway	Part number without keyway	ØD1	ØD2 (H7)	ØD3	L1	L3	B3 (P9)	T	Stock* with keyway	Stock* without keyway	Price each 1 to 5 with keyway	Price each 1 to 5 without keyway
With 3 spokes												
HLU80-10K	HLU80-10	80	10	24	16	29	3	11,4	-	-	22,36 €	19,09 €
HLU100-10K	HLU100-10	100	10	26	17	33	3	11,4	✔	-	24,52 €	20,85 €
HLU125-12K	HLU125-12	125	12	28	18	36	4	13,8	✔	✔	30,08 €	26,18 €
HLU140-14K	HLU140-14	140	14	30	19	39	5	16,3	✔	-	35,25 €	31,25 €
HLU160-14K	HLU160-14	160	14	32	20	40	5	16,3	-	-	41,26 €	37,05 €
HLU180-16K	HLU180-16	180	16	35	22	43	5	18,3	-	-	49,00 €	44,74 €
HLU200-18K	HLU200-18	200	18	38	24	45	6	20,8	✔	-	59,93 €	55,37 €
With 5 spokes												
HLU250-22K	HLU250-22	250	22	45	28	50	6	24,8	-	✔	96,87 €	90,90 €
HLU315-26K	HLU315-26	315	26	53	33	56	8	29,3	-	-	151,63 €	145,82 €
HLU400-30K	HLU400-30	400	30	65	38	63	8	33,3	-	-	277,93 €	269,17 €
HLU500-34K	HLU500-34	500	34	78	45	72	10	37,3	-	-	464,60 €	453,77 €

**Subject to availability - Dimensions in mm*

Alu Handwheel with revolving handle

Aluminium

HLUT

- ***Hand wheel with revolving handle***
- *Materials:*
  Wheel: aluminium
  Handle: aluminium with steel axle
- *Finish: edges machined and polished*
- *Keyway conforms to DIN6885-1*

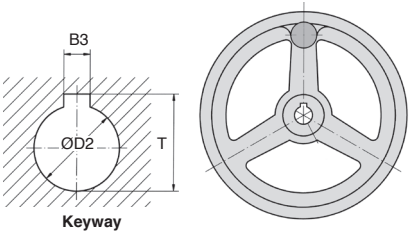


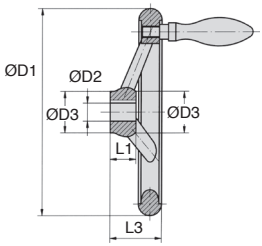
Advantages

- *Light*

Options

- *Handwheel without handle* **HLU** ***(tome 1 p.112)***





DISCOUNTS

Qty	1+	6+	15+	20+
Disc.	List	-5%	-10%	On request

Part number With keyway	Part number Without keyway	Revolving handle	ØD1	ØD2 (H7)	ØD3	L1	B3 L3 (P9)	B3 T	Stock* With keyway	Stock* Without keyway	Price each 1 to 5 With keyway	Price each 1 to 5 Without keyway
With 3 spokes												
HLUT80-10K	HLUT80-10	Ø16xM6x54,5	80	10	24	16	29	3 11,4	✔	-	46,34 €	42,86 €
HLUT100-10K	HLUT100-10	Ø16xM6x54,5	100	10	26	17	33	3 11,4	✔	-	49,38 €	44,52 €
HLUT125-12K	HLUT125-12	Ø20xM8x67,0	125	12	28	18	36	4 13,8	✔	-	59,49 €	54,14 €
HLUT140-14K	HLUT140-14	Ø20xM8x67,0	140	14	30	19	39	5 16,3	✔	-	66,37 €	60,73 €
HLUT160-14K	HLUT160-14	Ø25xM10x83,0	160	14	32	20	40	5 16,3	✔	✔	77,73 €	73,74 €
HLUT180-16K	HLUT180-16	Ø25xM10x83,0	180	16	35	22	43	5 18,3	✔	-	89,70 €	85,56 €
HLUT200-18K	HLUT200-18	Ø25xM10x83,0	200	18	38	24	45	6 20,8	✔	✔	100,66 €	95,68 €
With 5 spokes												
HLUT250-22K	HLUT250-22	Ø32xM12x105,5	250	22	45	28	50	6 24,8	-	✔	151,02 €	145,42 €
HLUT315-26K	HLUT315-26	Ø32xM12x105,5	315	26	53	33	56	8 29,3	-	-	206,16 €	200,33 €
HLUT400-30K	HLUT400-30	Ø36xM16x117,0	400	30	65	38	63	8 33,3	-	-	340,86 €	334,28 €
HLUT500-34K	HLUT500-34	Ø36xM16x117,0	500	34	78	45	72	10 37,3	-	-	531,93 €	518,91 €

**Subject to availability - Dimensions in mm*

Spoked handwheel

HLUss

316 stainless steel

- ***Handwheel (only)***
- *Conforms to DIN950*
- *Versions with and without DIN6885-1 keyways*
- *Material:*
  Stainless steel 1.4401 (316)
  Finish: turned and polished

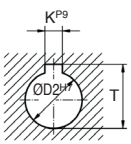
316 stainless steel

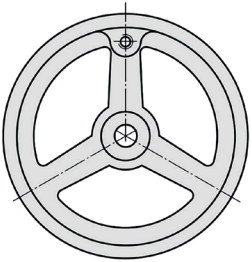


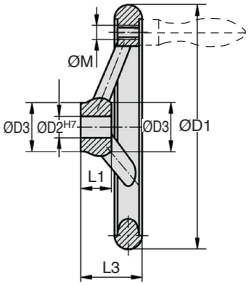
Accessory

- ***HLUMss** rotating handle*
(tome 1 p.115)

DIN 6885-1







DISCOUNTS

Qty	1+	3+	5+	10+
Disc.	List	-5%	-10%	On request

Part number	ØD1	ØD2	ØD3	L1	L3	M	K	T	N° of spokes	Price each 1 to 2
No keyway										
HLU100-10/SS	100	10	26	17	33	M6	-	-	3	65,57 €
HLU125-12/SS	125	12	28	18	36	M8	-	-	3	94,02 €
HLU160-16/SS	160	16	32	20	40	M10	-	-	3	138,63 €
HLU200-18/SS	200	18	38	24	45	M10	-	-	3	243,37 €
With keyway										
HLU100-10K/SS	100	10	26	17	33	M6	3	11,4	3	68,85 €
HLU125-12K/SS	125	12	28	18	36	M8	4	13,8	3	97,34 €
HLU160-16K/SS	160	16	32	20	40	M10	5	18,3	3	141,92 €
HLU200-18K/SS	200	18	38	24	45	M10	6	20,8	3	248,25 €

All dimensions in mm

Rotating handle for spoked handwheel

316 stainless steel

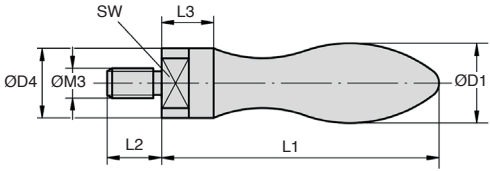
HLUMss

- **Rotating handle (only)**
- Similar to DIN98
- Material:
  1.4401 (316) stainless steel
  Polished finish

Accessory

- See stainless steel spoked handwheel **HLUss (tome 1 p.114)**





DISCOUNTS

Qty	1+	3+	5+	10+
Disc.	List	-5%	-10%	On request

Part number	ØD1	ØM3	ØD4	L1	L2	L3	SW	Price each 1 to 2
HLUM-M6/SS	16	M6	11	57	12	11,45	8	27,20 €
HLUM-M8/SS	21	M8	14	71	14	13,45	10	34,38 €
HLUM-M10/SS	25	M10	16	86	16	14,45	11	44,15 €

All dimensions in mm

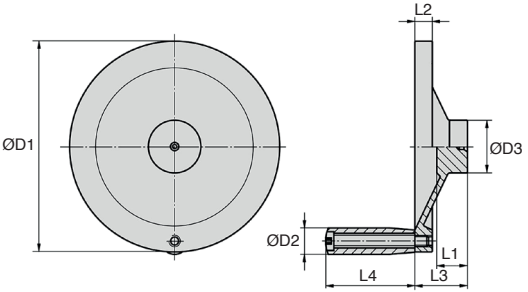
Solid handwheel with rotating handle Sta

VPPTss

304 stainless steel

- ***Handwheel with rotating handle***
- *Finish: turned, natural*
- *Solid hub with centering point*
- *Material:*
  1.4301 stainless steel





DISCOUNTS

Qty	1+	3+	5+	10+
Disc.	List	-5%	-10%	On request

Part number	ØD1	ØD2	ØD3	L1	L2	L3	L4	Price each 1 to 2
VPPT76/SS	76,20	9,91	22,1	17,02	6,10	27,9	37,90	76,63 €
VPPT101/SS	101,60	11,94	25,9	18,03	7,87	31,7	39,88	86,12 €
VPPT151/SS	152,40	19,05	38,1	22,10	12,70	38,1	63,50	171,31 €
VPPT203/SS	203,20	22,10	45,7	24,13	14,22	45,7	76,20	220,71 €
VPPT254/SS	254,00	22,10	50,8	26,67	15,75	50,8	76,20	344,83 €

All dimensions in mm