



Handwheel with rotating handle

Black phenolic plastic

VPRA_M

- 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

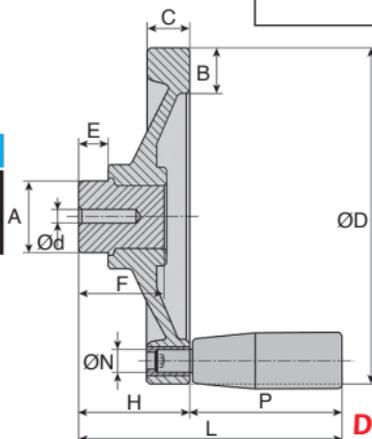
Application

- 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



SHA_{PT} 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

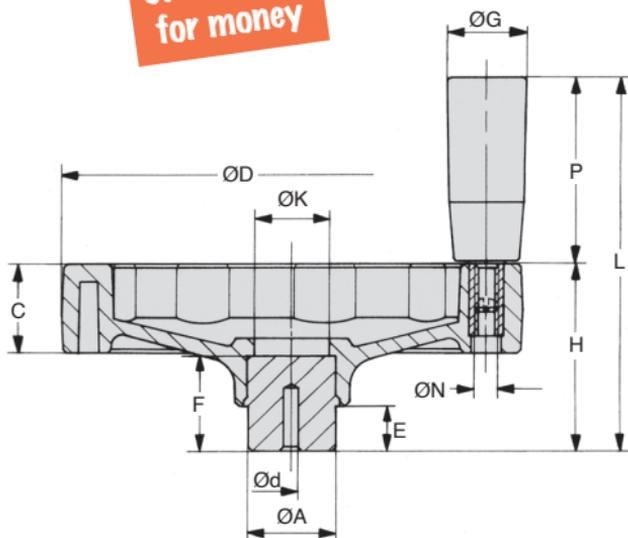


Great value
for money

Bore modifications



Price (tome 1 p.110)



DISCOUNTS

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

Part number	Ød		H	C	ØA	E	F	ØK	L	ØG	P	ØN	Stock	Price each
	Pre-bore	ØD												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 SHA_{PTR}

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

Info.

- Revolving handle folds away for safety

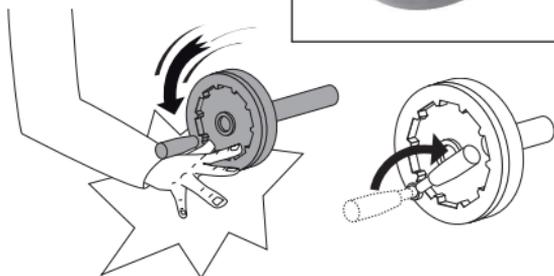
Options

- Different bore diameters
- Keyways
- See modification

Application

- All types of machines

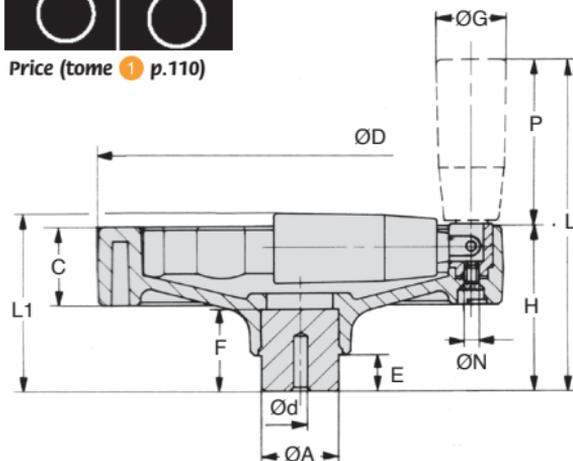
Great value for money



Bore modifications



Price (tome 1 p.110)



DISCOUNTS

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

Part number	Ød		ØD	H	C	ØA	E	F	L	L1	ØG	P	ØN	Price each	
	Pre-bore													Stock*	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

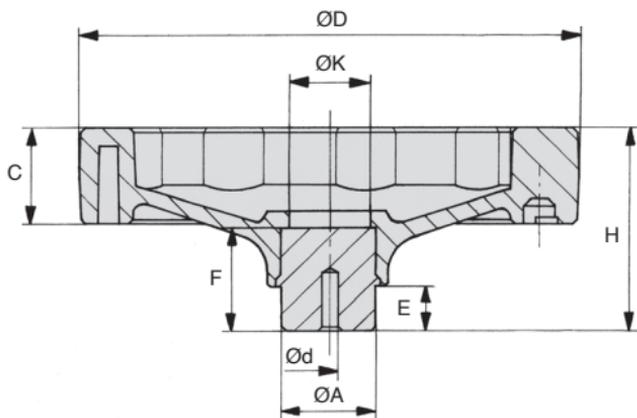
Application

- 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	4	100	46	20	24	12	24	18	✓	14,49 €
SHA-125	6	6	125	51	24	24	12	28	20	-	17,02 €
SHA-160	6	6	160	61	28	32	15	31	30	-	25,19 €
SHA-200	6	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

Options

- Different bore diameters
- Keyways
- See modification info

Application

- All types of machines

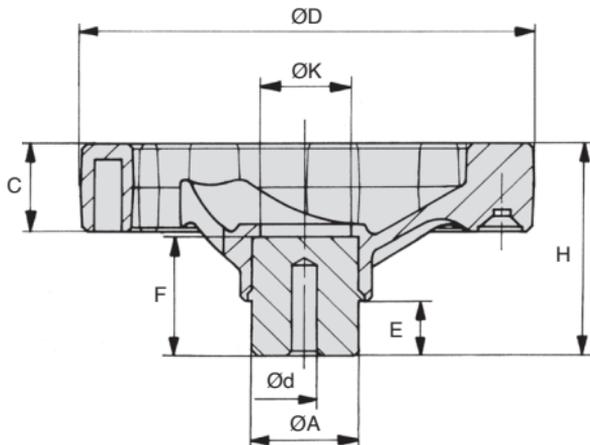


**New Ø300
Ø375**

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	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

V3RA_{PT} 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

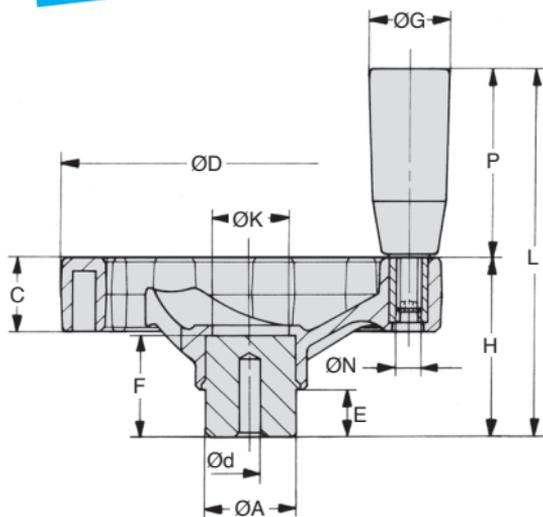
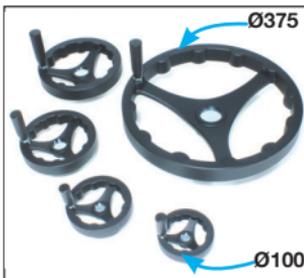


**New Ø300
Ø375**

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

Info.

- Revolving handle folds away for safety

Options

- Different bore diameters
- Keyways
- See modification info

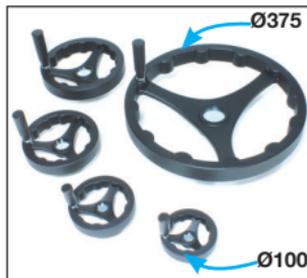
Application

- All types of machines

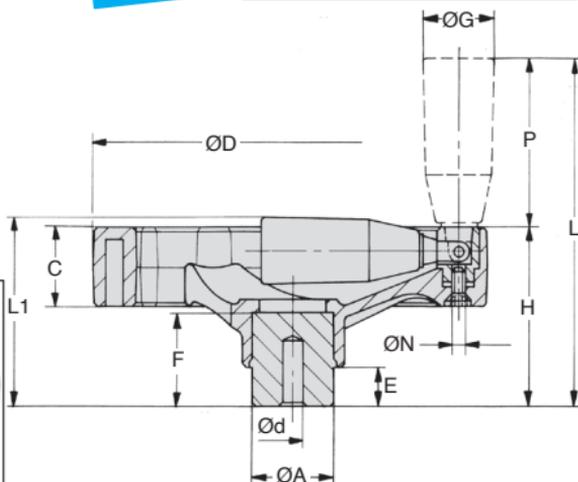
Bore modifications



Price (tome 1 p.110)



New Ø300
Ø375



DISCOUNTS

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

Part number	Ød		H	C	ØA	E	F	L	L1	ØG	P	ØN	Stock*	Price each 1 to 5
	pre-bore	ØD												
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

MODIFIED

HANDWHEELS PLEASE FILL IN THE DETAILS

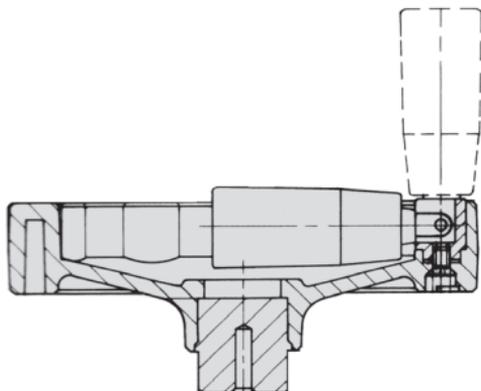
Please complete this form and return it to us!

Email address: cial2@hpceurope.com

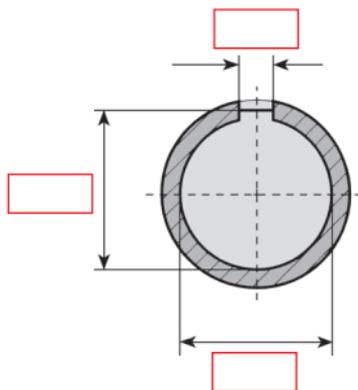
Tel: +33(0)4 37 496 496

Wheel diameter

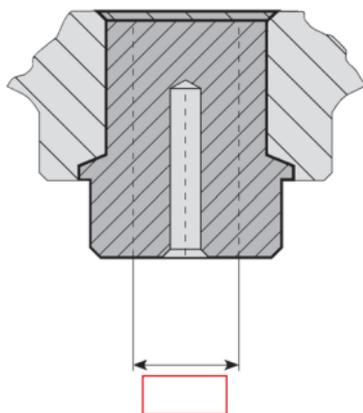
Ø50		Ø200	
Ø65		Ø250	
Ø80		Ø300	
Ø100		Ø375	
Ø125			
Ø150			



Keyway

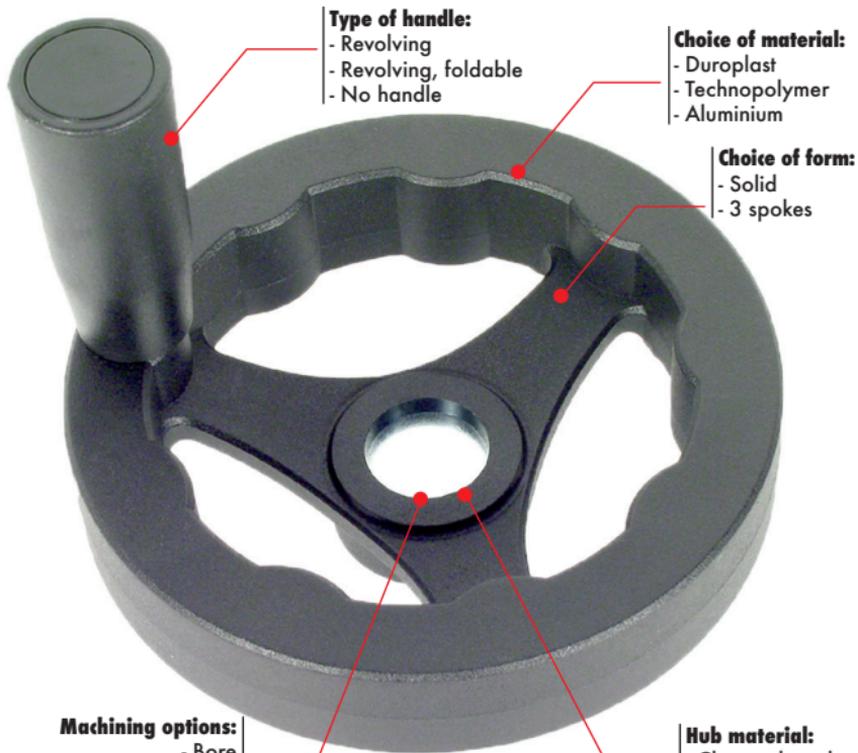


Bore modifications



MODIFIED

HANDWHEELS



EXAMPLES OF HAND
WHEELS ALREADY
SUPPLIED



Handwheels and cranks

MH VPRA

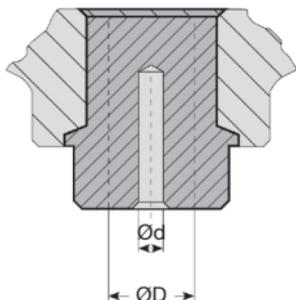
Bore modifications

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 €
VPRA300	6	46	26-28-30	110,09 €
			22-25	157,42 €
			26-28-30	161,28 €

Dimensions in mm

Handwheels dans cranks

Bore modification and keyways

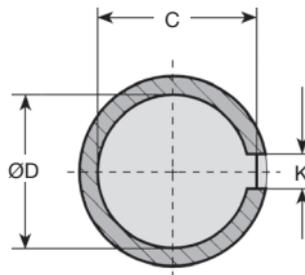
MH
VPRA

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 15-16-18	73,34 € 78,10 €
MH160	6	20	6	22,8	10-12-13-14 15-16-18-20	82,83 € 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 15-16-18	69,08 € 70,03 €
VPRA200	6	20	6	22,8	15-16-18-19-20 15-16-18-19-20	94,24 € 121,46 €
VPRA250	6	26	8	29,3	22-24-25 26	128,23 € 132,09 €
VPRA300	6	42	12	45,7	20-22-25 26-28-30 32-35-40-42	183,82 € 187,69 € On request

Dimensions in mm

Hand wheels

V3RA SHA

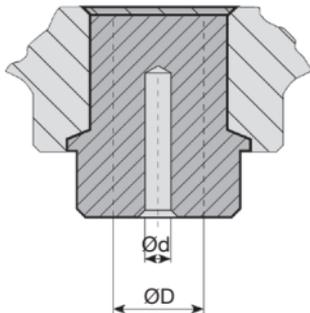
Modification to bores

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

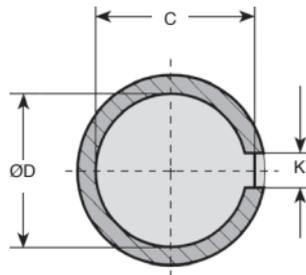
V3RA SHA

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 15-16-17-18-19-20	59,43 € 60,60 €
V3RA-200	6	28	8	31,3	8-9-10-11-12-13-14 15-16-17-18-19-20 21-22-23-24-25 26-27-28	70,06 € 71,18 € 80,69 € 86,12 €
V3RA-250	6	32	10	35,3	15-16-17-18-19-20 21-22-23-24-25 26-27-28-29-30-32	New 74,72 € New 81,48 € New 85,33 €
V3RA-300	6	32	10	35,3	15-16-17-18-19-20 21-22-23-24-25 26-27-28-29-30-32	New 106,06 € New 112,83 € New 116,68 €
V3RA-375	6	32	10	35,3	15-16-17-18-19-20 21-22-23-24-25 26-27-28-29-30-32	New 143,65 € New 150,41 € 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 15-16-17-18-19-20	63,90 € 34,19 €
SHA-200	6	28	8	31,3	8-9-10-11-12-13-14 15-16-17-18-19-20 21-22-23-24-25 26-27-28	76,91 € 78,04 € 87,59 € 93,01 €

Dimensions in mm

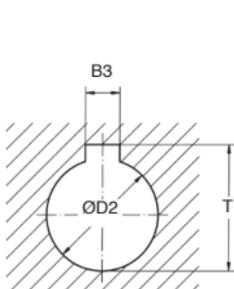
- Hand wheel
- Material: aluminium
- Finish: edges machined and polished
- Keyway conforms to DIN6885-1

Advantages

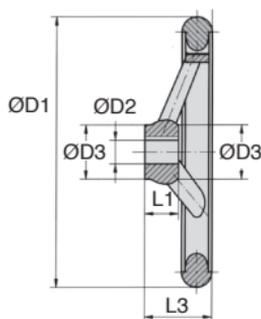
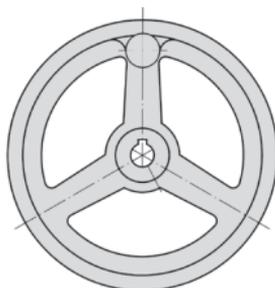
- Light

Options

- A version with a revolving handle exists, see HLU^T (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



Handwheel with revolving handle

Aluminium

HLUT

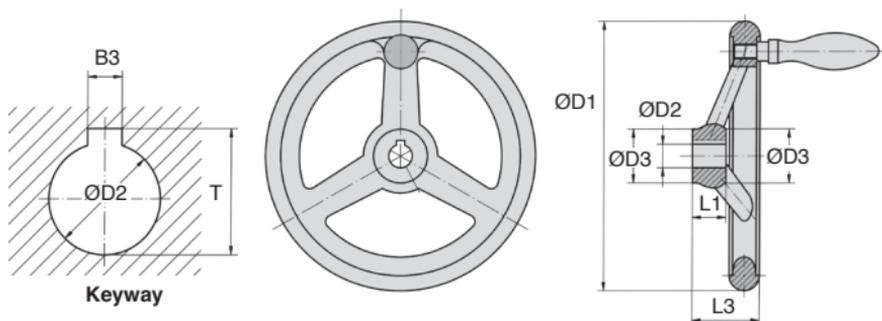
- Hand wheel with revolving handle
- Materials:
 - Wheel: aluminium
 - Handle: aluminium with steel axle
- Finish: edges machined and polished
- Keyway conforms to DIN6885-1

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	Without keyway	Revolving handle	ØD2	ØD1 (H7)	B3	ØD3	L1	L3 (P9)	T	Stock*	Stock*	Price each 1 to 5		
											With keyway	Without keyway	With keyway	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

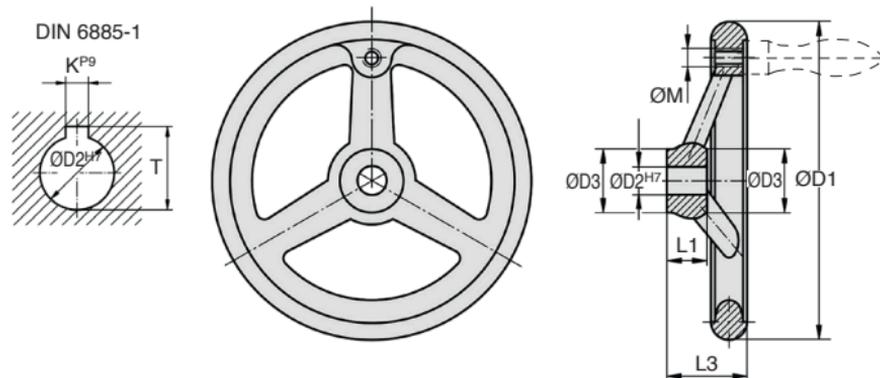
- Handwheel (only)
- Conforms to DIN950
- Versions with and without DIN6885-1 keyways
- Material:
Stainless steel 1.4401 (316)
Finish: turned and polished

316 stainless steel



Accessory

- HLUss rotating handle (tome 1 p.115)



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

316 stainless steel

HLUMss

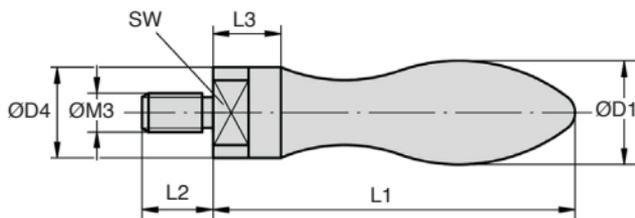
- Rotating handle (only)
- Similar to DIN98
- Material:
1.4401 (316) stainless steel
Polished finish

Accessory

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



316 stainless steel



DISCOUNTS

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

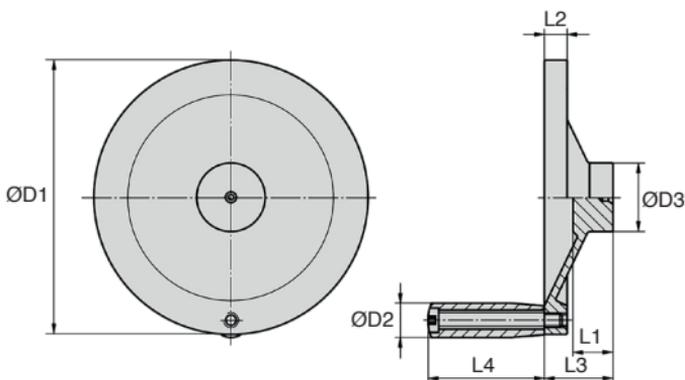
Part number	ØD1	ØM3	ØD4	L1	L2	L3	SW	Price each
								1 to 2
HLUM-M6/SS	16	M6	11	57	12	11,45	8	27,20 €
HLUM-M8/SS	21	M8	14	71	14	13,45	10	34,38 €
HLUM-M10/SS	25	M10	16	86	16	14,45	11	44,15 €

All dimensions in mm

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