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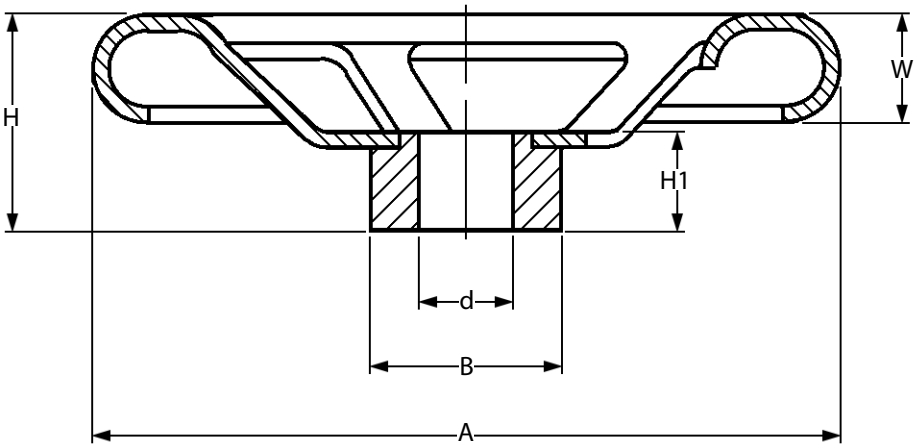
MECHANICAL

GN.25

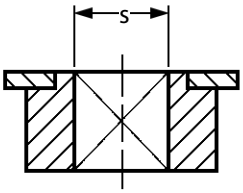
Pressed Steel Spoked Handwheels

Black Epoxy Resin Coated : 11 - 24mm Holes, 125 - 400mm Outside Dia.

Type B: Round Mounting Hole



Type V: Square Mounting Hole



Hub with square hole

Part Number	Type	Round Bore Dia. d H9	Square Hole s H11	Outside Dia. A	Hub Dia. B	Overall Height H	Hub Height H1	Wheel Height W	No. of Spokes	Mass g
GN.25211	B	11	-	125	30	29	18	18	3	300
GN.25215	V	-	11	125	30	29	18	18	3	280
GN.25221	B	12	-	160	30	37	20	22	4	400
GN.25225	V	-	12	160	30	37	20	22	4	400
GN.25231	B	14	-	200	40	46	24	22	4	800
GN.25235	V	-	14	200	40	46	24	22	4	785
GN.25241	B	17	-	250	45	52	28	30	5	1,450
GN.25245	V	-	17	250	45	52	28	30	5	1,455
GN.25251	B	19	-	315	55	64	33	35	5	2,350
GN.25255	V	-	19	315	55	64	33	35	5	2,280
GN.25257	B	24	-	400	65	82	38	40	5	4,140
GN.25259	V	-	24	400	65	82	38	40	5	4,070

Material

Handle: Pressed Steel with black (RAL 9005) epoxy resin coating to a matte finish.
Hub Type B: Welded with H9 reamed pass-through hole.
Hub Type V: Welded with H11 square pass-through hole.

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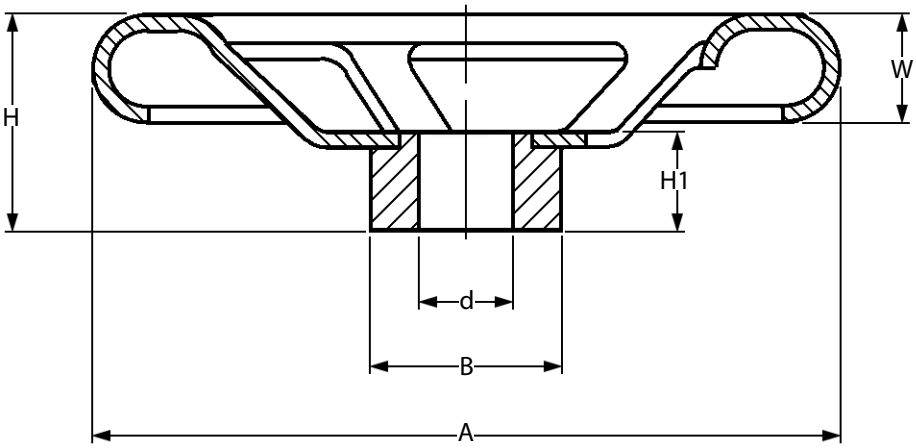
MECHANICAL

GN.25

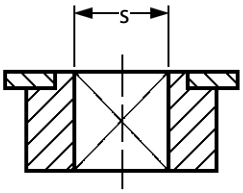
Pressed Stainless Steel Spoked Handwheels

12 - 17mm Holes, 160 - 250mm Outside Dia.

Type B: Round Mounting Hole



Type V: Square Mounting Hole



Hub with square hole

Part Number	Type	Round Bore Dia. d H9	Square Hole s H11	Hub Height H1	Outside Dia. A	Overall Height H	Wheel Height W	Hub Dia. B	No. of Spokes	Mass g
GN.25281	B	12	-	20	160	39	22	30	4	430
GN.25285	V	-	12	20	160	39	22	30	4	428
GN.25291	B	14	-	24	200	44	22	40	4	824
GN.25295	V	-	14	24	200	44	22	40	4	824
GN.25301	B	17	-	28	250	52	30	45	5	1,477
GN.25305	V	-	17	28	250	52	30	45	5	1,465

Material

Pressed 304 Stainless Steel, sand blasted to a matte finish.
Hub Type B: Welded with H9 reamed pass-through hole.
Hub Type V: Welded with H11 square pass-through hole.

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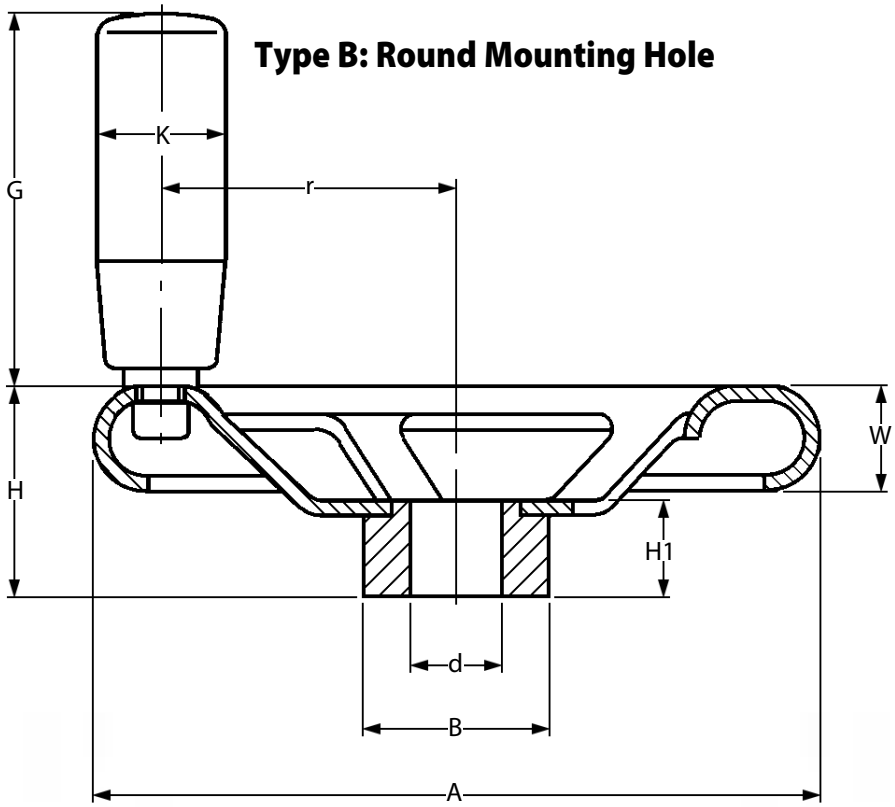
MECHANICAL

GN.25

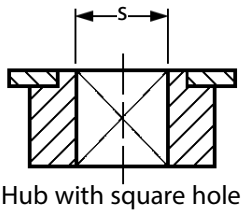
Pressed Stainless Steel Spoked Handwheels

with Revolving Duroplastic Handle : 12 - 17mm Holes, 160 - 250mm Outside Dia.

Type B: Round Mounting Hole



Type V: Square Mounting Hole



Part Number	Type	Bore Dia. d H9	Square Hole s H11	Hub Height H1	Outside Dia. A	Overall Height H	Wheel Height W	Hub Dia. B	Handle Height G	Handle Dia. K	Handle Centre r	No. of Spokes	Mass g
GN.25321	B	12	-	20	160	39	22	30	83	26	68	4	530
GN.25325	V	-	12	20	160	39	22	30	83	26	68	4	528
GN.25331	B	14	-	24	200	44	22	40	83	26	88	4	924
GN.25335	V	-	14	24	200	44	22	40	83	26	88	4	924
GN.25341	B	17	-	28	250	52	30	45	93	28	108	5	1,565
GN.25345	V	-	17	28	250	52	30	45	93	28	108	5	1,565

Material

Pressed 304 Stainless Steel, sand blasted to a matte finish.
Hub Type B: Welded with H9 reamed pass-through hole.
Hub Type V: Welded with H11 square pass-through hole.
Revolving Handle: Black phenolic based (PF) Duroplast to a gloss finish. Resistant to solvents, oils, greases and other chemical agents.

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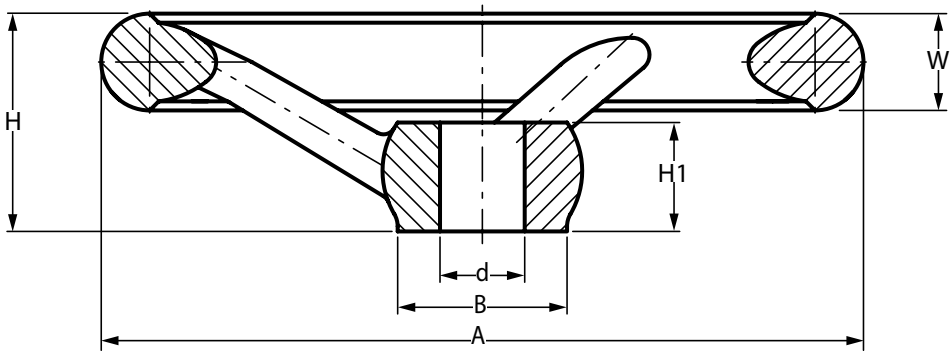
MECHANICAL

GN.114

Cast Iron Spoked Handwheels

10 - 26mm Bores, 80 - 250mm Outside Dia.



Part Number	Bore Dia. d H7	Keyway	Outside Dia. A	Hub Dia. B	Overall Height H	Hub Height H1	Wheel Height W	No. of Spokes	Mass g
GN.11401	10	×	80	24	29	16	14	3	312
GN.11405	12	×	80	24	29	16	14	3	305
GN.11403	10	✓	80	24	29	16	14	3	302
GN.11407	12	✓	80	24	29	16	14	3	295
GN.11411	10	×	100	26	33	17	15	3	509
GN.11415	12	×	100	26	33	17	15	3	504
GN.11413	10	✓	100	26	33	17	15	3	506
GN.11417	12	✓	100	26	33	17	15	3	501
GN.11421	12	×	125	28	36	18	16	3	699
GN.11425	14	×	125	28	36	18	16	3	695
GN.11423	12	✓	125	28	36	18	16	3	695
GN.11427	14	✓	125	28	36	18	16	3	691
GN.11431	14	×	140	30	39	19	17	3	939
GN.11435	16	×	140	30	39	19	17	3	925
GN.11433	14	✓	140	30	39	19	17	3	933
GN.11437	16	✓	140	30	39	19	17	3	919
GN.11441	14	×	160	33	40	20	18	3	1,087
GN.11445	16	×	160	33	40	20	18	3	1,081
GN.11443	14	✓	160	33	40	20	18	3	1,081
GN.11447	16	✓	160	33	40	20	18	3	1,073
GN.11461	18	×	200	38	45	24	22	3	2,173
GN.11465	20	×	200	38	45	24	22	3	2,165
GN.11463	18	✓	200	38	45	24	22	3	2,163
GN.11467	20	✓	200	38	45	24	22	3	2,155
GN.11481	22	×	250	45	50	28	26	5	3,805
GN.11485	26	×	250	45	50	28	26	5	3,754
GN.11483	22	✓	250	45	50	28	26	5	3,794
GN.11487	26	✓	250	45	50	28	26	5	3,743

Material

Cast iron with a turned and polished rim to DIN 950.
Keyways to DIN 6885/1, P9 tolerance.

Options

- H11 square mounting hole (DIN 950-V).
- Cast aluminium handwheel (DIN 950-AL).
- Larger overall diameters (315, 400 and 500mm).

Please contact sales for further details.
Specials may be subject to minimum order quantities.

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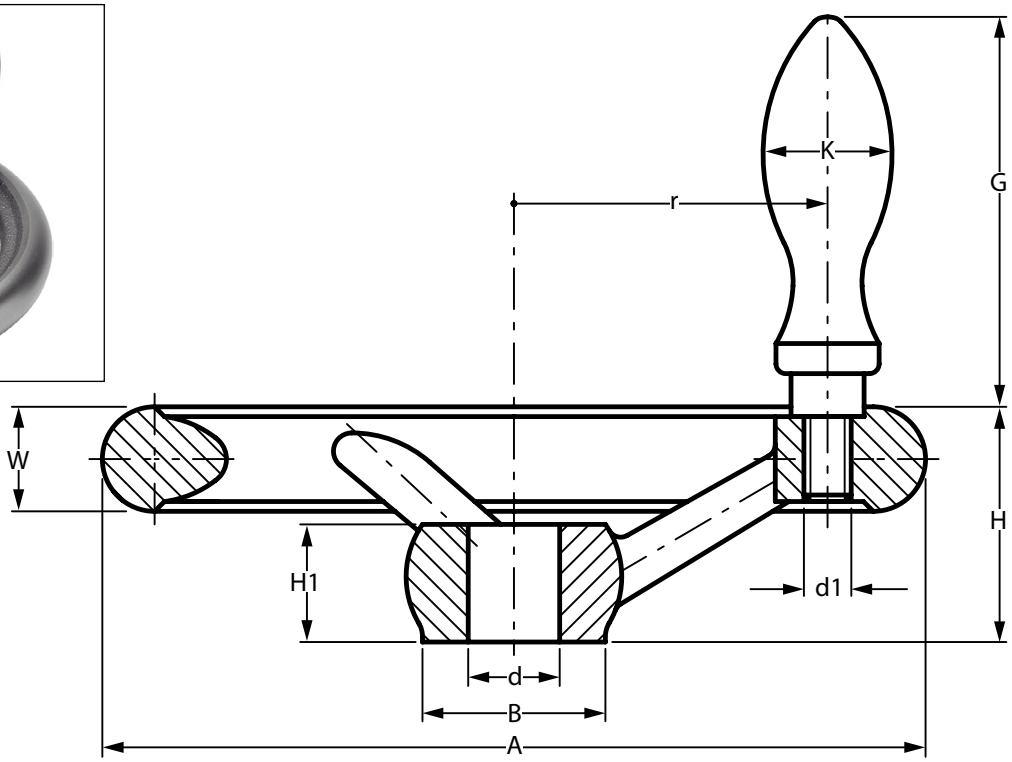
MECHANICAL

GN.114 Cast Iron Spoked Handwheels with Revolving Handle

10 - 26mm Bores, 80 - 250mm Outside Dia.



Part Number	Bore Dia. d H7	Keyway	Outside Dia. A	Hub Dia. B	Overall Height H	Hub Height H1	Wheel Height W	Handle Height G	Handle Dia. K	Handle Bore d1	Handle Centre r	No. of Spokes	Mass g
GN.11402	10	×	80	24	29	16	14	53	16	M6	27	3	357
GN.11406	12	×	80	24	29	16	14	53	16	M6	27	3	350
GN.11404	10	✓	80	24	29	16	14	53	16	M6	27	3	347
GN.11408	12	✓	80	24	29	16	14	53	16	M6	27	3	340
GN.11412	10	×	100	26	33	17	15	53	16	M6	36	3	554
GN.11416	12	×	100	26	33	17	15	53	16	M6	36	3	549
GN.11414	10	✓	100	26	33	17	15	53	16	M6	36	3	551
GN.11418	12	✓	100	26	33	17	15	53	16	M6	36	3	546
GN.11422	12	×	125	28	36	18	16	65	20	M8	47	3	768
GN.11426	14	×	125	28	36	18	16	65	20	M8	47	3	764
GN.11424	12	✓	125	28	36	18	16	65	20	M8	47	3	764
GN.11428	14	✓	125	28	36	18	16	65	20	M8	47	3	760
GN.11432	14	×	140	30	39	19	17	65	20	M8	52	3	1,031
GN.11436	16	×	140	30	39	19	17	65	20	M8	52	3	1,017
GN.11434	14	✓	140	30	39	19	17	65	20	M8	52	3	1,025
GN.11438	16	✓	140	30	39	19	17	65	20	M8	52	3	1,011
GN.11442	14	×	160	33	40	20	18	80	25	M10	62	3	1,218
GN.11446	16	×	160	33	40	20	18	80	25	M10	62	3	1,212
GN.11444	14	✓	160	33	40	20	18	80	25	M10	62	3	1,210
GN.11448	16	✓	160	33	40	20	18	80	25	M10	62	3	1,204
GN.11462	18	×	200	38	45	24	22	80	25	M10	80	3	2,335
GN.11466	20	×	200	38	45	24	22	80	25	M10	80	3	2,327
GN.11464	18	✓	200	38	45	24	22	80	25	M10	80	3	2,325
GN.11468	20	✓	200	38	45	24	22	80	25	M10	80	3	2,317
GN.11482	22	×	250	45	50	28	26	102	32	M12	101	5	4,174
GN.11486	26	×	250	45	50	28	26	102	32	M12	101	5	4,156
GN.11484	22	✓	250	45	50	28	26	102	32	M12	101	5	4,163
GN.11488	26	✓	250	45	50	28	26	102	32	M12	101	5	4,145

Material

Cast iron with a turned and polished rim to DIN 950.
Handle: Turned and mirror-polished Zinc plated Steel to DIN 98.
Keyways to DIN 6885/1, P9 tolerance.

Options

- H11 square mounting hole (DIN 950-V).
- Cast aluminium handwheel (DIN 950-AL).
- Larger overall diameters (315, 400 and 500mm).

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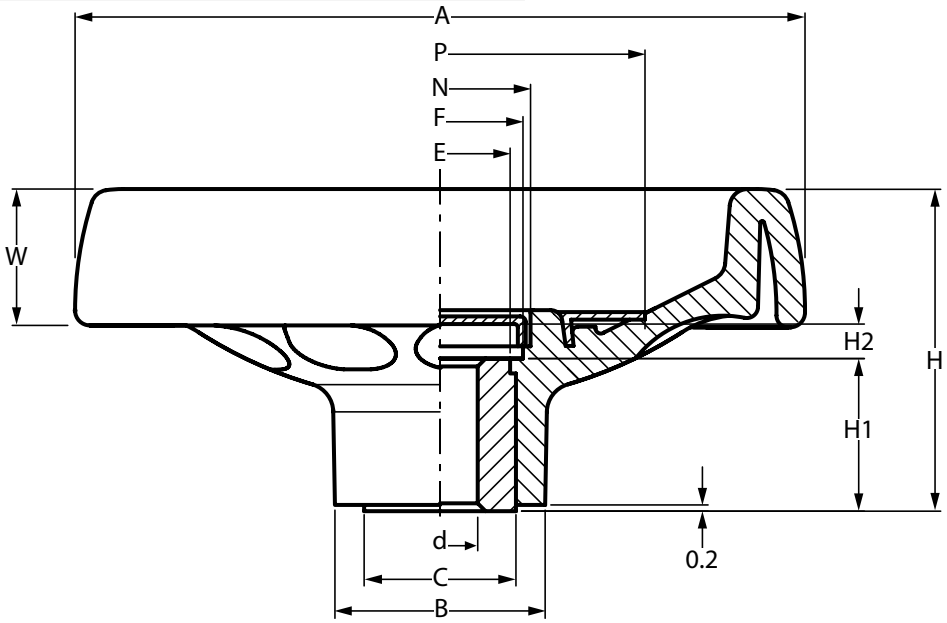
MECHANICAL

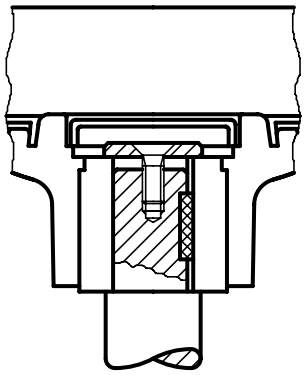
VDT

Solid Plastic & Steel Handwheels

10 - 20mm Bores, 100 - 200mm Outside Dia.



Assembly example with keyway and axial set screw



Part Number	Bore Dia. d H7	Outside Dia. A	Hub Dia. B	Overall Height H	Hub Height H1	H2	Wheel Height W	C	E	F	N	P	Max. Applicable Torque Nm	Impact Strength J	Mass g
VDT-170307	10	100	32	49	22	5.5	22	22	20	26	28	54	180	21	155
VDT-170505	12	125	36	57	27	7.0	24	26	24	28	31	70	200	23	285
VDT-170707	14	160	46	64	28	11.0	27	35	33	38	40	90	400	25	505
VDT-170907	20	200	51	68	31	9.0	30	40	38	50	52	110	600	35	730

Material

Handwheel: Glass-fibre reinforced polyamide based (PA) technopolymer, black matte finish.
Boss: Black-oxide Steel with a black matte finish.
Boss Cap: Acetal Resin based (POM) technopolymer, with black matte finish.
Push-fit assembly, removable by pressing on the outer edge or by means of a screwdriver.
Ring: Matte anodised Aluminium.

Options

Axial retaining washer type GN 184.
Black oxide Steel bosses with hole and keyway to DIN 6885/1, P9 tolerance.
Please contact sales for further details.

Features

- Resistant to solvents, oils, greases and other chemical agents.
- Boss cap is a push fit assembly, removable by pressing on the outer edge or by means of a screwdriver.
- The rim with internal rear scallops makes gripping and manoeuvring of the handwheel easier.

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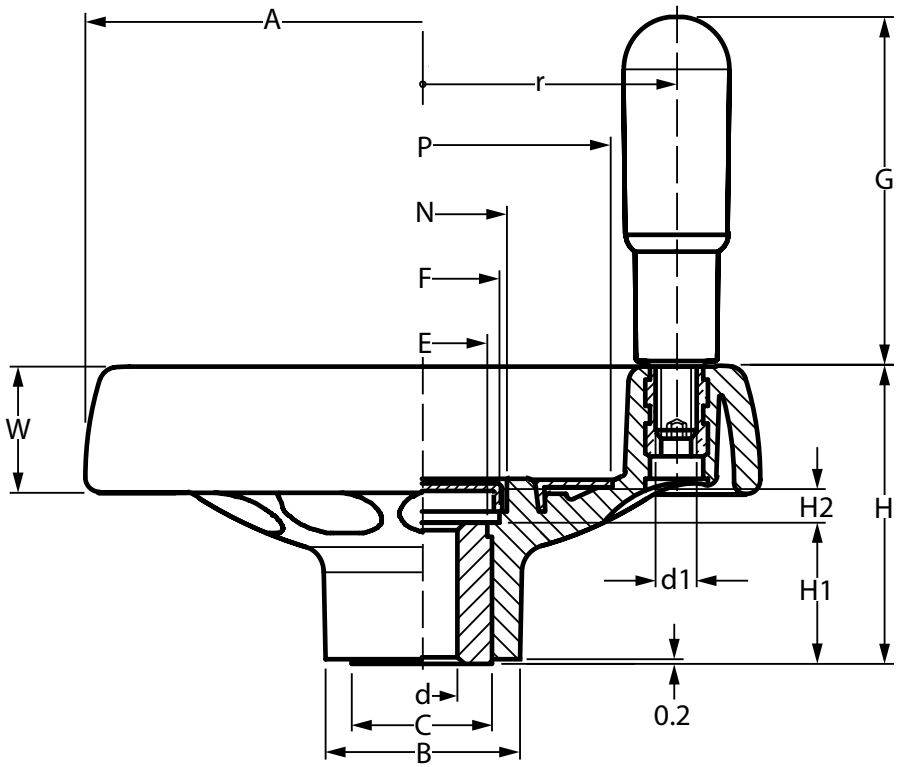
MECHANICAL

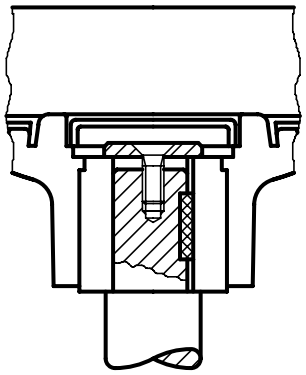
VDTI

Solid Plastic & Steel Handwheels

with Revolving Handle : 10 - 20mm Bores, 100 - 200mm Outside Dia.



Assembly example with keyway and axial set screw



Part Number	Bore Dia. d H7	Outside Dia. A	Hub Dia. B	Overall Height H	Hub Height H1	H2	Wheel Height W	C	E	F	N	P	Handle Height G	Handle Bore d1	Handle Centre r	Max. Applicable Torque Nm	Impact Strength J	Mass g
VDTI-170317	10	100	32	49	22	5.5	22	22	20	26	28	54	60	M6	37	180	21	185
VDTI-170515	12	125	36	57	27	7.0	24	26	24	28	31	70	65	M8	47	200	23	355
VDTI-170717	14	160	46	64	28	11.0	27	35	33	38	40	90	80	M8	62	400	25	585
VDTI-170917	20	200	51	68	31	9.0	30	40	38	50	52	110	90	M10	78	600	35	820

Material

Handwheel: Glass-fibre reinforced polyamide based (PA) technopolymer, black matte finish.
Boss: Black-oxide Steel with a black matte finish.
Boss Cap: Acetal Resin based (POM) technopolymer, with black matte finish. Push-fit assembly, removable by pressing on the outer edge or by means of a screwdriver.
Ring: Matte anodised Aluminium.
Revolving Handle: Polyamide based (PA) technopolymer, black matte finish.

Options

Axial retaining washer type GN 184.
Black oxide Steel bosses with hole and keyway to DIN 6885/1, P9 tolerance.
Fold-away handle.
Please contact sales for further details.

Features

- Resistant to solvents, oils, greases and other chemical agents.
- Boss cap is a push fit assembly, removable by pressing on the outer edge, or by means of a screwdriver.
- The rim with internal rear scallops makes gripping and manoeuvring of the handwheel easier.

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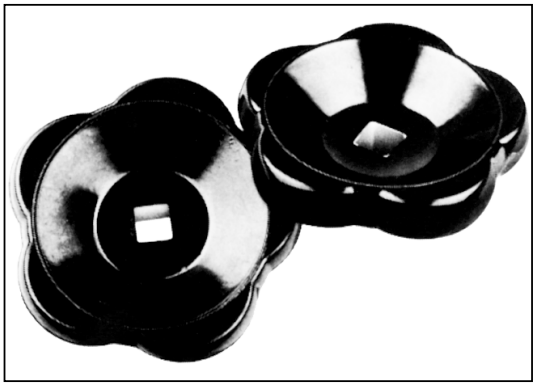
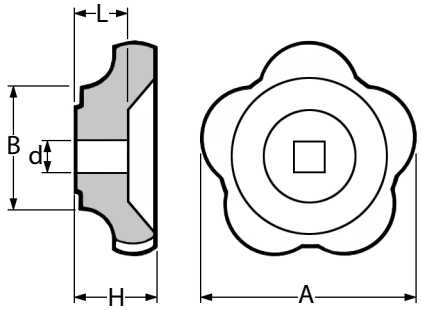
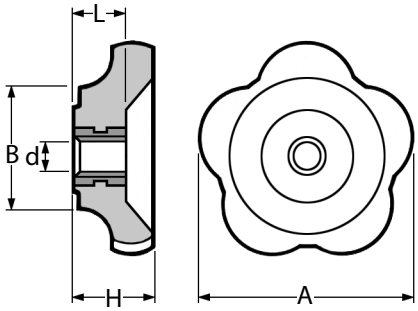
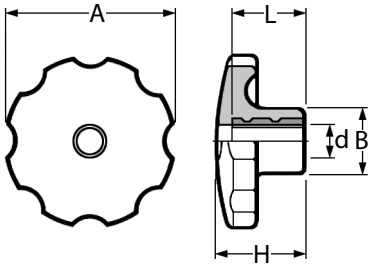




712-051 to 712-052

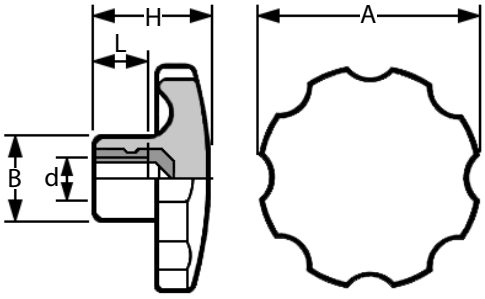


712-053 to 712-055



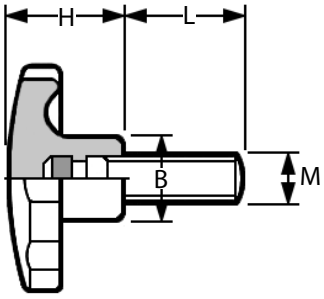
712-056

A hand wheel with a threaded female insert or a partially threaded through hole.



712-055

A hand wheel with a projecting plate Steel male insert.



712-057

Part Number Male	Thread M	Thread Length L	Outside Dia. A	Hub Dia. B	Knob Height H
712-057	M10	30	56	30	28

Part Number Female	Hole / Thread d	Hole / Thread Depth L	Outside Dia. A	Hub Dia. B	Knob Height H
712-051	6.5 Sq. Through Hole	12	50	22	18
712-052	8.0 Sq. Through Hole	12	63	22	20
712-053	M10	12	63	22	20
712-054	M10	14	80	28	22
712-055	M10	15	56	20	28
712-056	M10	26	56	25	30

Material

High grade gloss black phenolic plastic.
Threaded inserts and studs: Zinc plated mild Steel.
Temperature Range: -30°C to +140°C.

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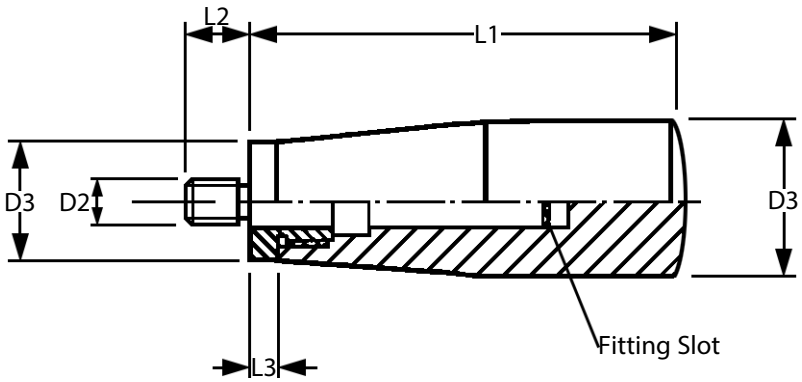
MECHANICAL

TRG

Taper Grips

M5 - M10



Part Number	Size	D2	D3	D4	L1	L2	L3
TRG-M5	1	M5	17	13	48	7	3
TRG-M8	2	M8	23	16	64	9	4
TRG-M10	3	M10	28	18	74	11	4

Material

Duroplastic FS 31 black. Axle and threaded bush in steel.

All edges smoothed and highly polished.

Other Info.

To assemble, unscrew the shaft.

The grips fit the disk handwheels with revolving taper grip but do not fit the HA Type Handwheels as they are not supplied with tapped holes.

+44 (0)1246 455500
+44 (0)1246 455522
ondrives
sales@ondrives.com
www.ondrives.com
Product information updated June 2017 and subject to change. Please click the product links for prices and availability.
https://amironic.co.il/