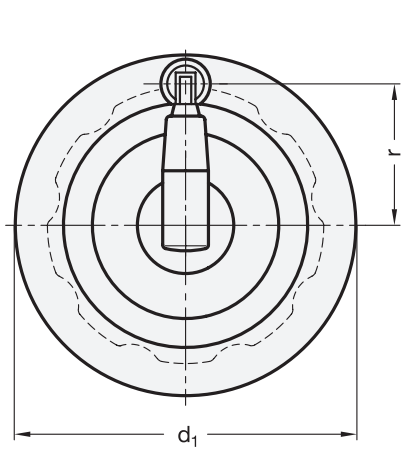
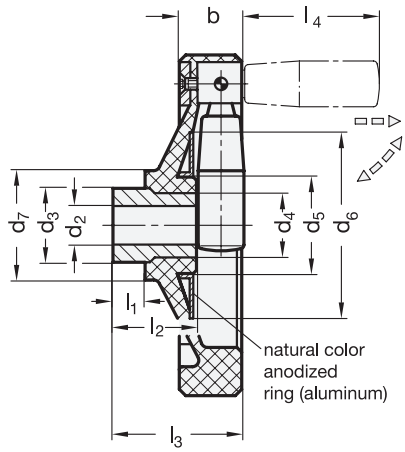
Solid Disk Handwheels

Plastic, Steel Hub / Retractable Mechanism, with Locking Retractable Handle

JW WINCO® A Ganter Company

Inch | Metric





elesa

Original design VDN.FP+IR-A

2 Bore code

B Without keyway
K With keyway

4 Type

D With revolving retractable handle

Specification

Body
Plastic, Phenolic resin (PF)
- High strength reinforced
- Operating temperature -4 °F to +230 °F (-20 °C to +110 °C)
- Black, shiny finish
- Flash mark polished

Hub bushing
Steel, blackened finish

Retractable handle
Plastic, Phenolic resin (PF)
- Black, shiny finish
- Retracting mechanism Steel, blackened finish

RoHS

On request

- Other modifications such as special inch and metric bores, set screw holes, cross holes, etc.
- With safety-retractable handle

Plastic solid disk handwheels EN 520.4 with retractable handle are designed for applications where it is necessary for the handle to return back to starting position after operation for safety reasons or lack of space.
These handwheels have the distinguishing features where the handle and the retracting mechanism are completely encased within the rim of the wheel.
In the operating position, the handle is secured by a taper detent. To fold it down, it is drawn out from the tapered recess. A compression spring secures the handle in either position.

see also...	Page
EN 521.3 Solid Disk Handwheels (Plastic, Bushing / Retractable Steel Mechanism)	QVX
EN 524.3 Solid Disk Handwheels (Plastic, Bushing / Retractable Steel Mechanism)	QVX
Technical Information	
ISO Fundamental Tolerances	QVX
Cross Holes GN 110	QVX
Keyways WN 6885 / DIN 6885-1	QVX
Plastic Characteristics	QVX
Accessory	
GN 184 Countersunk Washers (for Axial Fixing)	QVX

How to order (Inch)

1 2 3 4
EN 520.4-150-K 1/2-D

1	Handwheel diameter d_1
2	Bore code
3	Bore diameter d_2
4	Type

How to order (Metric)

1 2 3 4
EN 520.4-125-B12-D

1	Handwheel diameter d_1
2	Bore code
3	Bore diameter d_2
4	Type

⚠ WARNING: Cancer and Reproductive Harm — www.P65Warnings.ca.gov

Inch table

Dimensions in: inches / millimeters

d_1	d_2 H7 Bore	b	d_3	d_4	d_5	d_6	d_7	l_1 −0.02	l_2 −0.02	l_3	l_4	r	Ø Handle
3.94 100	3/8	1.02 26	0.94 24	0.87 22	1.38 35	2.13 54	1.54 39	0.47 12	1.32 33.5	2.01 51	2.20 56	1.46 37	0.87 22
4.92 125	3/8	1.10 28	1.26 32	1.04 26.5	1.73 44	2.76 70	1.81 46	0.59 15	1.50 38	2.24 57	2.20 56	1.89 48	0.87 22
5.91 150	1/2	1.18 30	1.26 32	1.04 26.5	1.97 50	3.15 80	1.89 48	0.59 15	1.50 38	2.36 60	2.56 65	2.24 57	0.91 23
6.89 175	1/2	1.26 32	1.57 40	1.30 33	2.17 55	3.54 90	2.20 56	0.59 15	1.69 43	2.60 66	3.15 80	2.68 68	1.02 26
7.87 200	5/8	1.26 32	1.57 40	1.30 33	2.17 55	3.54 90	2.36 60	0.59 15	1.69 43	2.68 68	3.54 90	3.01 76.5	1.10 28
8.86 225	5/8	1.30 33	1.93 49	1.57 40	2.60 66	4.33 110	2.60 66	0.59 15	1.75 44.5	2.80 71	3.54 90	3.46 88	1.10 28
9.84 250	5/8	1.42 36	1.93 49	1.57 40	2.60 66	4.33 110	2.76 70	0.59 15	1.75 44.5	2.95 75	3.54 90	3.98 101	1.10 28

Metric table

Dimensions in: millimeters / inches

d_1	d_2 H7 Bore	b	d_3	d_4	d_5	d_6	d_7	l_1 −0.5	l_2 −0.5	l_3	l_4	r	Ø Handle
100 3.94	10	26 1.02	24 0.94	22 0.87	35 1.38	54 2.13	39 1.54	12 0.47	33.5 1.32	51 2.01	56 2.20	37 1.46	22 0.87
125 4.92	12	28 1.10	32 1.26	26.5 1.04	44 1.73	70 2.76	46 1.81	15 0.59	38 1.50	57 2.24	56 2.20	48 1.89	22 0.87
150 5.91	14	30 1.18	32 1.26	26.5 1.04	50 1.97	80 3.15	48 1.89	15 0.59	38 1.50	60 2.36	65 2.56	57 2.24	23 0.91
175 6.89	16	32 1.26	40 1.57	33 1.30	55 2.17	90 3.54	56 2.20	15 0.59	43 1.69	66 2.60	80 3.15	68 2.68	26 1.02
200 7.87	20	32 1.26	40 1.57	33 1.30	55 2.17	90 3.54	60 2.36	15 0.59	43 1.69	68 2.68	90 3.54	76.5 3.01	28 1.10
225 8.86	20	33 1.30	49 1.93	40 1.57	66 2.60	110 4.33	66 2.60	15 0.59	44.5 1.75	71 2.80	90 3.54	88 3.46	28 1.10
250 9.84	22	36 1.42	49 1.93	40 1.57	66 2.60	110 4.33	70 2.76	15 0.59	44.5 1.75	75 2.95	90 3.54	101 3.98	28 1.10
300 11.81	26	36 1.42	58 2.28	58 2.28	94 3.70	148 5.83	82 3.23	18 0.71	56 2.20	87 3.43	90 3.54	124 4.88	28 1.10

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