



2 Bore code

B Without keyway

4 Type

A Without handle

R With revolving handle

Specification

- Plastic
Special high-impact strength
Technopolymer (Polypropylene PP)
- High strength reinforced, shock-resistant
- Temperature resistant up to 176 °F (80 °C)
- Black, matte finish
- Hub bushing
Steel, blackened finish
- Threaded insert
Brass
- Revolving handle
Plastic
Technopolymer
- Black, matte finish
- Threaded spindle
Steel, zinc plated, blue passivated finish
- Keyways WN / DIN 6885 → page 2039 / 2040
- Cross Holes GN 110 → page 2042
- ISO Fundamental Tolerances → page 2129
- Plastic Characteristics → page 2135
- RoHS compliant

On request

- Other modifications such as special inch and metric bores, keyways, set screw holes, etc.
- Replace revolving handles with EN 597.1 revolving mushroom shaped knobs → www.jwwinco.com

Information

EN 522 two spoked handwheels have an ergonomically shaped rim for a safer and more comfortable grip.

Resistant to solvents, oils, grease and other chemical agents.

No mounting hole in rim for handwheel without handle. Handle shipped loose; mounting of handle is required.

see also...

- Countersunk Washers GN 184 (for Axial Fixing) → page 1150

How to order (Inch)	1 Handwheel diameter d ₁
1 2 3 4	2 Bore code
EN 522-200-B5/8-A	3 Bore diameter d ₂
	4 Type

How to order (Metric)	1 Handwheel diameter d ₁
1 2 3 4	2 Bore code
EN 522-125-B12-R	3 Bore diameter d ₂
	4 Type

Inch table

Dimensions in: inches - millimeters

d₁	d₂ +0.001 Bore	d₃	d₄	d₅	b	l₁	l₂	l₃	r	Ø Handle
3.15 80	5/16	0.71 18	0.81 20.5	0.98 25	0.71 18	0.67 17	1.38 35	1.77 45	1.14 29	0.63 16
3.94 100	3/8	0.71 18	0.81 20.5	1.00 25.5	0.79 20	0.67 17	1.46 37	2.36 60	1.46 37	0.71 18
4.92 125	3/8	0.87 22	1.02 26	1.22 31	0.87 22	0.87 22	1.73 44	2.56 65	1.89 48	0.87 22
6.30 160	1/2	1.02 26	1.22 31	1.57 40	0.98 25	1.06 27	2.01 51	2.87 73	2.56 65	0.91 23
7.87 200	5/8	1.18 30	1.42 36	1.91 48.5	1.10 28	1.34 34	2.40 61	3.15 80	3.31 84	0.94 24
9.84 250	5/8	1.38 35	1.73 44	2.28 58	1.26 32	1.50 38	2.72 69	3.54 90	4.13 105	0.98 25
11.81 300	3/4	1.57 40	2.05 52	2.60 66	1.40 35.5	1.69 43	3.07 78	3.54 90	5.00 127	0.98 25
14.76 375	3/4	1.38 35	2.76 70	3.19 81	1.54 39	1.69 43	3.43 87	3.54 90	6.30 160	0.98 25

Metric table

Dimensions in: millimeters - inches

d₁	d₂ H7 Bore		d₃	d₄	d₅	b	l₁	l₂	l₃	r	Ø Handle
80 3.15	8	10	18 0.71	20.5 0.81	25 0.98	18 0.71	17 0.67	35 1.38	45 1.77	29 1.14	16 0.63
100 3.94	10	12	18 0.71	20.5 0.81	25.5 1.00	20 0.79	17 0.67	37 1.46	60 2.36	37 1.46	18 0.71
125 4.92	12	14	22 0.87	26 1.02	31 1.22	22 0.87	22 0.87	44 1.73	65 2.56	48 1.89	22 0.87
160 6.30	14	16	26 1.02	31 1.22	40 1.57	25 0.98	27 1.06	51 2.01	73 2.87	65 2.56	23 0.91
200 7.87	16	20	30 1.18	36 1.42	48.5 1.91	28 1.10	34 1.34	61 2.40	80 3.15	84 3.31	24 0.94
250 9.84	20	24	35 1.38	44 1.73	58 2.28	32 1.26	38 1.50	69 2.72	90 3.54	105 4.13	25 0.98
300 11.81	20	26	40 1.57	52 2.05	66 2.60	35.5 1.40	43 1.69	78 3.07	90 3.54	127 5.00	25 0.98
375 14.76	26	-	35 1.38	70 2.76	81 3.19	39 1.54	43 1.69	87 3.43	90 3.54	160 6.30	25 0.98

1.1
1.2
1.3
1.4
2.1
2.2
2.3
2.4

