



2 Bore code

B Without keyway

4 Type

A Without handle

R With revolving handle

Specification

- Plastic, 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

