



3 Bore code

- B** Without keyway
- K** With keyway
- V** With square (only DIN 950)

5 Type

- A** Without handle
- F** With fixed handle (only DIN 950)
- D** With revolving handle

Specification

- Cast iron **GG**
 - Contact face of hub machined
 - Rim turned and highly polished finish
 - Handles DIN 39 / DIN 98
 - Steel, zinc plated, blue passivated finish
- Aluminum (only DIN 950) **AL**
 - Contact face of hub machined
 - Rim turned and highly polished finish
 - Unmachined, matte shot-blasted finish
 - Fixed handle DIN 39
 - Steel, zinc plated
 - Revolving handle DIN 98
 - Plastic, Polyamide (PA), black
 - Spindle Steel, zinc plated, blue passivated finish
- Radial and axial runout of the rim < 0.4 mm
- Keyways *WN / DIN 6885* → page 2039 / 2040
- *ISO Fundamental Tolerances* → page 2129
- *Cross Holes GN 110* → page 2042
- *Square Bores DIN 79* → page 2044
- **RoHS compliant**

Information

Spoked handwheels DIN 950 / GN 950.1 are available in types F and D with fixed or revolving handle. Spoked handwheels GN 950.1 have extended hubs with larger diameters, allowing for larger bores and an increased distance between the wheel rim and the fastening surface.

see also...

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

On request

- Other modifications such as special inch or metric bores, keyways, square bores, set screw holes, etc.

How to order (Inch)	1 Material
	2 Handwheel diameter d_1
	3 Bore code
	4 Bore diameter d_2
	5 Type
DIN 950-AL-80-B1/2-A	

How to order (Metric, with large hub)	1 Material
	2 Handwheel diameter d_1
	3 Bore code
	4 Bore diameter d_2
	5 Type
GN 950.1-GG-125-K14-A	

Inch table

2

4

Dimensions in: inches - millimeters

d ₁	d ₂ +0.001 Bore DIN 950			d ₃ ≈	d ₄ Thread	b	l ₁		l ₂ ≈		l ₃		r	Ø Handle	No. of spokes
									Type D	Type F	Type D	Type F			
3.15 80	1/2	-	-	0.94 24	M 6	0.55 14	0.63 16	1.14 29	2.09 53	1.91 48.5	1.06 27	0.63 16	3		
3.94 100	1/2	-	-	1.02 26	M 6	0.59 15	0.67 17	1.30 33	2.09 53	1.91 48.5	1.42 36	0.63 16	3		
4.92 125	1/2	-	-	1.10 28	M 8	0.63 16	0.71 18	1.42 36	2.56 65	2.44 62	1.85 47	0.79 20	3		
5.51 140	5/8	-	-	1.18 30	M 8	0.67 17	0.75 19	1.54 39	2.56 65	2.44 62	2.05 52	0.79 20	3		
6.30 160	1/2	5/8	-	1.30 33	M 10	0.71 18	0.79 20	1.57 40	3.15 80	3.03 77	2.44 62	0.98 25	3		
7.87 200	3/4	-	-	1.50 38	M 10	0.87 22	0.94 24	1.77 45	3.15 80	3.03 77	3.15 80	0.98 25	3		
9.84 250	7/8	-	-	1.89 48	M 12	1.02 26	1.10 28	1.97 50	4.02 102	3.80 96.5	3.98 101	1.26 32	5		

Metric table

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Dimensions in: millimeters - inches

d ₁	d ₂ H7 Bore DIN 950						s H11 Square DIN 950	d ₃ ≈		d ₄ Thread	b	l ₁		l ₂ ≈		l ₃		r	Ø Handle	No. of spokes
								DIN 950	GN 950.1			DIN 950	GN 950.1	DIN 950	GN 950.1	DIN 950	GN 950.1			
80 3.15	10	12	-	-	-	V 9	24	-	M 6	14	16	-	29	-	53	48.5	27	16	0.63	3
100 3.94	10	12	-	-	-	V 9	26	-	M 6	15	17	-	33	-	53	48.5	36	16	0.63	3
125 4.92	12	14	-	-	14	V 11	28	34	M 8	16	18	26	36	45	65	62	47	20	0.79	3
140 5.51	14	16	-	-	-	-	30	-	M 8	17	19	-	39	-	65	62	52	20	0.79	3
160 6.30	12	14	15	16	16	V 12	33	45	M 10	18	20	32	40	52	80	77	62	25	0.98	3
180 7.09	16	18	-	-	-	-	35	-	M 10	20	22	-	43	-	80	77	72	25	0.98	3
200 7.87	18	20	22	-	20	V 14	38	50	M 10	22	24	38	45	59	80	77	80	25	0.98	3
250 9.84	22	24	26	-	24	V 17	48	56	M 12	26	28	44	50	66	102	96.5	101	32	1.26	5
315 12.40	26	28	30	-	-	V 19	53	-	M 12	28	33	-	56	-	102	96.5	132	32	1.26	5
400 15.75	30	32	34	-	-	V 24	65	-	M 12	32	38	-	63	-	102	96.5	171	32	1.26	5
500 19.69	34	36	40	-	-	V 27	78	-	M 12	34	45	-	72	-	102	96.5	220	32	1.26	5

1.1
1.2
1.3
1.4
2.1
2.2
2.3
2.4

