



Inch | Metric

3 Bore code

- B Without keyway
- K With keyway

5 Type

- A Without handle
- F With fixed handle
- D With revolving handle

Specification



- Cast iron **GG**
 - Contact face of hub machined
 - Rim turned and polished
- Aluminum (only DIN 950) **AL**
 - Contact face of hub machined
 - Rim turned and highly polished
 - Unmachined body, matte shot-blasted finish
- Rim concentric and square to bore < 0.4 mm
- Handles DIN 39 / DIN 98
 - Steel, zinc plated respectively
 - plastic, Technopolymer black
- RoHS compliant

Information

DIN 950-GG / GN 950.1-GG (Cast iron) handwheels are supplied with revolving handles DIN 98 made of steel. Handwheels DIN 950-AL (Aluminum) are supplied with revolving handles made of plastic (Type D) resp. made of steel (Type F).

The official standard sheet of DIN 950 only provides for types A (without handle) and G (without handle, but with thread d_4), also without the handwheel diameter $d_1 = 180$.

For DIN 950 is no mounting hole in handwheel rim for handwheel without handle, handle shipped loose; mounting of handle is required.

see also...

- Countersunk Washers GN 184 (for Axial Fixing)

On request

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

<p>How to order</p> <p style="text-align: center;"> 1 2 3 4 5 DIN 950-AL-80-B1/2-A </p>	1 Material
	2 Handwheel diameter d_1
	3 Bore code
	4 Bore diameter d_2
	5 Type

<p>How to order (with large hub)</p> <p style="text-align: center;"> 1 2 3 4 5 DIN 950.1-GG-125-K14-A </p>	1 Material
	2 Handwheel diameter d_1
	3 Bore code
	4 Bore diameter d_2
	5 Type

Inch table

Dimensions in: inches - millimeters

d ₁	d ₂ +0.001 Bore DIN 950			d ₃ ≈	d ₄	b	l ₁		l ₂ ≈		l ₃ Type D	Type F	r	Ø Handle	No. of spokes
	2	4													
3.15 80	1/2	-		.94 24	M 6	.55 14	.63 16	1.14 29	2.09 53	1.91 48.5	1.06 27	.63 16	3		
3.94 100	1/2	-		1.02 26	M 6	.59 15	.67 17	1.30 33	2.09 53	1.91 48.5	1.42 36	.63 16	3		
4.92 125	1/2	-		1.10 28	M 8	.63 16	.71 18	1.42 36	2.56 65	2.44 62	1.85 47	.79 20	3		
5.51 140	5/8	-		1.18 30	M 8	.67 17	.75 19	1.54 39	2.56 65	2.44 62	2.05 52	.79 20	3		
6.30 160	1/2	5/8		1.30 33	M 10	.71 18	.79 20	1.57 40	3.15 80	3.03 77	2.44 62	.98 25	3		
7.87 200	3/4	-		1.50 38	M 10	.87 22	.94 24	1.77 45	3.15 80	3.03 77	3.15 80	.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

Dimensions in: millimeters - inches

d ₁	d ₂ H7 Bore DIN 950					d ₃ ≈		s H11 Square DIN 950	d ₄	b	l ₁		l ₂ ≈		l ₃ Type D	Type F	r	Ø Handle	No. of spokes
	2	4				DIN 950	GN 950.1				DIN 950	GN 950.1	DIN 950	GN 950.1					
80 3.15	10	12	-	-	-	24 .94	-	V 9	M 6	14 .55	16 .63	-	29 1.14	-	53 2.09	48.5 1.91	27 1.06	16 .63	3
100 3.94	10	12	-	-	-	26 1.02	-	V 9	M 6	15 .59	17 .67	-	33 1.30	-	53 2.09	48.5 1.91	36 1.42	16 .63	3
125 4.92	12	14	-	-	14	28 1.10	34 1.34	V 11	M 8	16 .63	18 .71	26 1.02	36 1.42	45 1.77	65 2.56	62 2.44	47 1.85	20 .79	3
140 5.51	14	16	-	-	-	30 1.18	-	-	M 8	17 .67	19 .75	-	39 1.54	-	65 2.56	62 2.44	52 2.05	20 .79	3
160 6.30	12	14	15	16	16	33 1.30	45 1.77	V 12	M 10	18 .71	20 .79	32 1.26	40 1.57	52 2.05	80 3.15	77 3.03	62 2.44	25 .98	3
180 7.09	16	18	-	-	-	35 1.38	-	-	M 10	20 .79	22 .87	-	43 1.69	-	80 3.15	77 3.03	72 2.83	25 .98	3
200 7.87	18	20	22	-	20	38 1.50	50 1.97	V 14	M 10	22 .87	24 .94	38 1.50	45 1.77	59 2.32	80 3.15	77 3.03	80 3.15	25 .98	3
250 9.84	22	24	26	-	24	48 1.89	56 2.20	V 17	M 12	26 1.02	28 1.10	44 1.73	50 1.97	66 2.60	102 4.02	96.5 3.80	101 3.98	32 1.26	5
315 12.40	26	28	30	-	-	53 2.09	-	V 19	M 12	28 1.10	33 1.30	-	56 2.20	-	102 4.02	96.5 3.80	132 5.20	32 1.26	5
400 15.75	30	32	34	-	-	65 2.56	-	V 24	M 12	32 1.26	38 1.50	-	63 2.48	-	102 4.02	96.5 3.80	171 6.73	32 1.26	5
500 19.69	34	36	40	-	-	78 3.07	-	V 27	M 12	34 1.34	45 1.77	-	72 2.83	-	102 4.02	96.5 3.80	220 8.66	32 1.26	5

1.1
1.2
1.3
1.4
2.1
2.2
2.3
2.4

