



Inch | Metric



**SS** Stainless Steel

**2 Bore code**

**B** Without keyway

**4 Type**

**A** Without handle

**D** With revolving handle

**Specification**

**Body**

Stainless steel precision casting AISI CF-8

- Hub machined
- Rim turned
- Matte shot-blasted finish

**Revolving handle** similar to GN 598.1

Plastic, Phenolic resin (PF)

- Black, shiny finish
- Spindle
- Stainless steel AISI 304

RoHS

**On request**

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

Handwheels GN 949 are designed for sanitary and most corrosion free environment applications.

The revolving handles are made of phenolic resin which, in general, provides good resistance to the impact of chemical agents.

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

**Technical Information**

	Page
Keyways WN 6885 / DIN 6885-1	QVX
Cross Holes GN 110	QVX
ISO Fundamental Tolerances	QVX
Stainless Steel Characteristics	QVX

**Accessory**

<b>GN 184.5</b> Countersunk Washers (Stainless Steel, for Axial Fixing)	QVX
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How to order (Inch)

**GN 949-100-B1/2-D**

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

How to order (Metric)

**GN 949-200-B18-A**

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

## Inch table

1

3

Dimensions in: inches / millimeters

<b>d<sub>1</sub></b>	<b>d<sub>2</sub> H8 Bore</b>		<b>b</b>	<b>d<sub>3</sub></b>	<b>l<sub>1</sub></b>	<b>l<sub>2</sub> ≈</b>	<b>l<sub>3</sub> ≈</b>	<b>r</b>	<b>Ø Handle</b>	<b>No. of spokes</b>
3.94 100	1/2	-	0.28 7	0.79 20	0.59 15	1.08 27.5	1.77 45	1.73 44	0.71 18	3
4.92 125	1/2	5/8	0.35 9	0.94 24	0.63 16	1.12 28.5	2.17 55	2.17 55	0.83 21	3
5.51 140	5/8	-	0.39 10	1.10 28	0.71 18	1.20 30.5	2.78 70.5	2.44 62	0.91 23	3
6.30 160	5/8	-	0.43 11	1.22 31	0.79 20	1.40 35.5	2.78 70.5	2.80 71	0.91 23	3
7.87 200	3/4	-	0.55 14	1.42 36	0.91 23	1.54 39	2.78 70.5	3.54 90	0.91 23	3

## Metric table

1

3

Dimensions in: millimeters / inches

<b>d<sub>1</sub></b>	<b>d<sub>2</sub> H8 Bore</b>		<b>b</b>	<b>d<sub>3</sub></b>	<b>l<sub>1</sub></b>	<b>l<sub>2</sub> ≈</b>	<b>l<sub>3</sub> ≈</b>	<b>r</b>	<b>Ø Handle</b>	<b>No. of spokes</b>
100 3.94	10	12	7 0.28	20 0.79	15 0.59	27.5 1.08	45 1.77	44 1.73	18 0.71	3
125 4.92	12	14	9 0.35	24 0.94	16 0.63	28.5 1.12	55 2.17	55 2.17	21 0.83	3
140 5.51	14	16	10 0.39	28 1.10	18 0.71	30.5 1.20	70.5 2.78	62 2.44	23 0.91	3
160 6.30	14	16	11 0.43	31 1.22	20 0.79	35.5 1.40	70.5 2.78	71 2.80	23 0.91	3
200 7.87	18	20	14 0.55	36 1.42	23 0.91	39 1.54	70.5 2.78	90 3.54	23 0.91	3