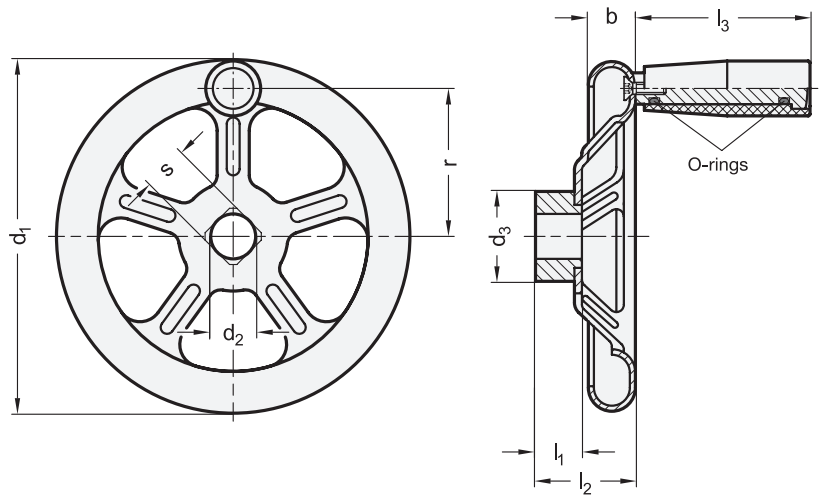
Handwheels

Steel Sheet Metal / Stainless Steel Sheet Metal



STAINLESS ★★★★

3 Bore code

- **B** Without keyway
- **K** With keyway DIN 6885-1 P9
- **V** With square DIN 79

5 Type

- **A** Without handle
- **D** With revolving handle (only for stainless steel A4)

2 d_1	4 d_2 H9 Bore	4 s H11 Square	b	d_3	l_1	l_2 ≈	l_3	r	Ø Handle	No. of spokes	Thickness of sheet metal
125*	11	V 11	18	30	18	29	-	-	-	3	1,5
160	12	V 12	22	30	20	37	80	68	26	4	1,5
200	14	V 14	22	40	24	46	80	88	26	4	2
250	17	V 17	30	45	28	52	90	108	28	5	2,5
315	19	V 19	35	55	33	64	90	138	28	5	2,5
400	24	V 24	40	65	38	82	90	179	28	5	3

* only type A

Specification

Wheel body (1 / 6)

- Steel — **ST**
  - Powder coated
    Black, RAL 9005, textured finish — ● **SW**
  - Wheel body of steel sheet metal
  - Hub welded
- Stainless steel AISI 316L — **A4**
  - Matte shot-blasted finish — ● **GS**
  - Wheel body of stainless steel sheet metal
  - Hub welded

Revolving handle similar to GN 598.2 at A4
Plastic, phenolic resin (PF)

- Black, shiny finish
- Spindle
  Stainless Steel AISI 316 L
- O-ring
  Acrylonitrile butadiene rubber (NBR)

RoHS

Technical Information	Page
Keyways P9 DIN 6885-1	QVX
Squares DIN 79	QVX
Cross holes GN 110	QVX
ISO Fundamental Tolerances	QVX
Plastic Characteristics	QVX
Stainless Steel Characteristics	QVX

Handwheels GN 228 of steel sheet metal or stainless steel sheet metal are robust and unaffected by shocks and knocks. The hub lengths l_1 and the diameter d_3 correspond to DIN 950.
The stainless steel design is suitable for applications in highly corrosive environments thanks to the A4 materials used.
On the revolving handles of type D, the O-rings minimize the radial play, protect the handle bearing from penetrating dirt and prevent noises resulting from vibration.

see also...	Page
GN 950.6 Handwheels (Stainless Steel)	QVX
GN 949 Handwheels (Stainless Steel)	QVX
DIN 950 Handwheels (Cast Iron / Aluminum)	QVX

Accessory

GN 184 Countersunk Washers (for Axial Fastening)	QVX

How to order

GN 228-ST-160-V12-A-SW (1 2 3 4 5 6)

1	**Material**
2	**d_1**
3	**Bore code**
4	**s (d_2)**
5	**Type**
6	**Color (Finish)**