


Metric



elesa

Original design VDS+IR-SST

SS Stainless Steel

if product design award

2 Bore code

B Without keyway
K With keyway

4 Type

R With revolving retractable handle

Metric table

1	3												
d ₁	d ₂ H7	d ₃	d ₄	d ₅	d ₆	d ₇	b	h	l ₁	l ₂	l ₃	r	Ø Handle
100	10	22	20	30	25	27	24	9	22	34	45	39	15.5
3.94	0.39	0.87	0.79	1.18	0.98	1.06	0.94	0.35	0.87	1.34	1.77	1.54	0.61
125	12	26	24	35	28	31	28	11	27	39.5	60	49	18
4.92	0.47	1.02	0.94	1.38	1.10	1.22	1.10	0.43	1.06	1.56	2.36	1.93	0.71
150	14	26	24	38	30	34	32	10	30	44	65	58	22
5.91	0.55	1.02	0.94	1.50	1.18	1.34	1.26	0.39	1.18	1.73	2.56	2.28	0.87
200	20	40	38	50	40	44	39	13	36	53	90	81	25
7.87	0.79	1.57	1.50	1.97	1.57	1.73	1.54	0.51	1.42	2.09	3.54	3.19	0.98

Dimensions in: millimeters - inches

Specification

- Plastic
Special high-impact strength
Technopolymer (Polypropylene PP)
 - High strength reinforced, shock-resistant
 - Temperature resistant up to 176 °F (80 °C)
 - Black, matte finish
- Hub bushing
Stainless steel AISI 304
Molded-in
- Cover
Plastic, light gray, push-fit
- Retractable handles
 - Plastic, Technopolymer
Black, matte finish
 - Retractable mechanism
Stainless steel AISI 303
- Keyways WN / DIN 6885 → page QVX
- ISO Fundamental Tolerances → page QVX
- Plastic Characteristics → page QVX
- Stainless Steel Characteristics → page QVX
- Cross Holes GN 110 → page QVX
- RoHS compliant

Information

To bring the handle of EN 521.6 technopolymer plastic solid disk handwheels into the operation position, it has to be pulled upward 90° towards the rim to a stop against a torsion spring, and then it is pushed against spring pressure into its hold position.

By maintaining the forward thrust on the handle, the handwheel can easily be rotated.

When releasing the handle, the spring automatically returns it back to the retracted position. Handwheel features rear finger grips.

The cover conceals clamping elements, e.g. countershaft pulleys, as well as protruding and recessed shafts. For mounting, the cover is pushed in by hand. For dismantling, the cover can be raised and taken off by applying moderate pressure in the rim of the cover.

Resistant to solvents, oils, grease and other chemical agents.

see also...

- Countersunk Washers GN 184.5 (Stainless Steel, for Axial Fixing) → page QVX

On request

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

How to order	1 Handwheel diameter d ₁
	2 Bore code
	3 Bore diameter d ₂
	4 Type

EN 521.6-100-B10-R