



**elera**  
Original design VDS+IRS



**2 Bore code**

**B** Without keyway

**4 Type**

**R** With revolving retractable handle

**Inch table**

<b>1</b> $d_1$	<b>3</b> $d_2 + 0.001$ Bore	$d_3$	$d_4$	$d_5$	$d_6$	$d_7$	$h$	$l_1$	$l_2$	$l_3$	$r$
6.89 175	1/2	1.38 35	1.30 33	1.73 44	1.38 35	1.54 39	0.63 16	1.10 28	1.93 49	3.15 80	2.76 70
7.87 200	5/8	1.57 40	1.50 38	1.97 50	1.57 40	1.73 44	0.51 13	1.42 36	2.09 53	3.54 90	3.19 81
9.84 250	5/8	1.57 40	1.50 38	2.24 57	1.89 48	1.97 50	0.75 19	1.42 36	2.36 60	3.54 90	4.09 104

Dimensions in: inches - millimeters

**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  
Steel, blackened finish, molded-in
- Cover  
Plastic, light gray, push-fit
- Safety retractable handles  
- Plastic, Technopolymer  
Black, matte finish  
- Retractable mechanism  
Steel, blackened finish
- Cross holes GN 110 → page QVX
- Plastic Characteristics → page QVX
- RoHS compliant

**On request**

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

**Information**

EN 521.7 technopolymer plastic solid disk handwheels are designed for applications where it is necessary for the handle to return back to starting position after operation for safety reasons or lack of space.

In order to bring the handle into the operating 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.

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

see also...

- Countersunk Washers GN 184 (for Axial Fixing) → page QVX
- Solid Disk Handwheels EN 524.3 (Technopolymer Plastic) → page QVX
- Solid Disk Handwheels EN 520.4 (Phenolic Plastic, Duroplast, Retractable Steel Handle) → page QVX

**How to order**

**EN 521.7-175-B1/2-R**

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