

D615

NEW



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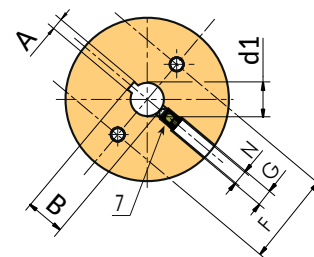
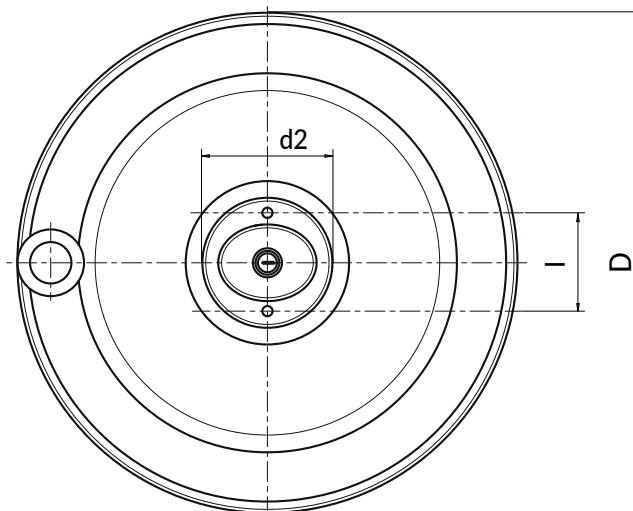
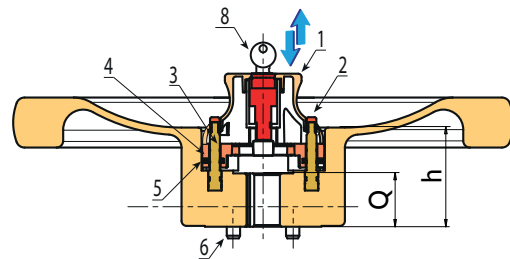
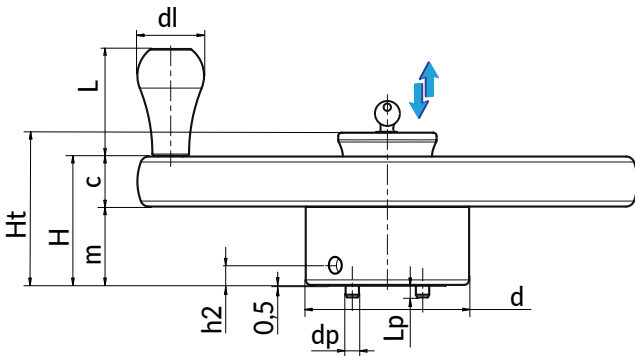
PA6

UL94
HB



ALUMINIUM SOLID HANDWHEEL WITH REVOLVING HANDLE WITH CENTRAL LOCKING KNOB

Metal version of our product D611. It is designed primarily for use in mobile storage cabinets. The handwheel has a simple shape since it is obtained by turning. We have added a central knob that controls a special mechanism that blocks the rotation of the handwheel (and thus of the storage cabinet door on which it is mounted). The locking system blocks any movement in such a way that the handwheel cannot be removed to force the opening of the door. The sliding doors of the storage cabinet may be safely closed, thus preventing any undesired access or accidental movement. The product is covered by two patents (locking mechanism and anti-removal system).



Code	Art.	D	H	Ht	h	m	c	d	dp
-	D615300.TD2001H	300	77,5	92	59	47,5	30	98	8

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ALUMINIUM SOLID HANDWHEEL WITH REVOLVING HANDLE WITH CENTRAL LOCKING KNOB

Materials:

Aluminium.

Surface finish:

Fine turned finish in all its parts, except the central part (sandblasted).

Colour:

Natural nickel.

Central knob:

(1) Central reinforced polyamide knob. Resistant to oils and greases.

Inserts:

- (2) Green polyamide button (RAL 6024).
- (3) Grooved sliding guide to position the knob, galvanised steel.
- (4) Connection flange for knob, springs, safety pin, and locking pins. Reinforced and stabilized polyamide.
- (5) Harmonic stainless steel retaining spring (AISI 302).
- (6) Galvanized steel locking pin with hexagonal seat and retractable mechanism to facilitate the insertion of the pin into the hole of the structure.
- (7) Fastening thrust pin M8x12, in black-oxide treated steel, with hexagonal seat and fixing cone end (DIN 914 - UNI 5927).
- (8) Nickel plated lock. Two numbered keys provided. Key can be removed from either position. To block the handwheel, push down the knob and turn the key by 90°. Lock stroke 10 mm. The keys are supplied attached to the knob.

Lateral handle:

Revolving handle M202 "Euromodel", in reinforced black polyamide RAL 9011. Fastening by galvanized DIN screw. Handle cap in green polyamide (RAL 6024 code 17). [page].

Special requests:

- Upon request and for special quantities inserts can be supplied with custom hole diameter d1.



This product works in a rather simple way: pulling the central knob upwards lifts a connection flange that raises both locking pins. After coming out of the metal plate of the mobile shelf and retracting inside the handwheel, these pins allow the operator to rotate the handwheel and consequently move the entire shelf. When in raised position, the knob hides both side caps covering the top of the guiding pins. When about to reach the desired shelf position, push the knob towards the inside of the handwheel: this action will lower the connection flange, allowing one of the locking pins to protrude thus facilitating the insertion of the pins in the holes of the metal plate. Also, the locking pin features a spring retaining mechanism, so that if the knob is pressed when the pin is not in the correct position yet, the pin will retract smoothly. The spring keeps it pressed, and as soon as the hole aligns with the pin, the spring pushes it in, thus locking the handwheel. In this position, both green buttons come out of the knob, making it easier to identify the correct locking position. The safety pin too follows the connection flange, so it lowers and covers the hole containing the thrust pin that fastens the handwheel to the pin of the shelf. This way it is impossible to insert a tool to loosen the grub screw. If you turn the supplied key by 90° from this position, and then extract it, it will no longer be possible to lift the knob and consequently unlock the movement of the handwheel and of the shelf.

Lp	h2	A	B	I	N	G	F	d2	d1	L	d1H10	Q	g
7	12	6	22,8	58	M8	10	55	78	40	64	20	32	3750