

# elesa® Knobs and Handles

## The Ergostyle® colours:

• BLACK RAL 7021 • ORANGE RAL 2004 • GREY RAL 7035 • YELLOW RAL 1021 • LIGHT BLUE RAL 5024 • RED RAL 3000

ERGOSTYLE® by ELESA



**ETW.**  
Two-spoke handwheels with boss cap, in one of the Ergostyle colours, with or without side handle.  
Material: special high impact strength technopolymer, grey-black matte finish.  
Black oxide steel boss with standard H7 tolerance reamed hole.  
Diameters: 125 - 160 - 200 mm



**ETW+IR**  
Two-spoke handwheels with boss cap in one of the Ergostyle colours, with fold-away handle.  
Material: special high impact strength technopolymer, grey-black matte finish.  
Black oxide steel boss with standard H7 tolerance reamed hole.  
Diameters: 125 - 160 - 200 mm



**ESW+I**  
Solid handwheels with boss cap in one of the Ergostyle colours, with side handle.  
Material: special high impact strength technopolymer, grey-black matte finish.  
Black oxide steel boss with standard H7 tolerance reamed hole.  
Diameters: 125 - 150 - 175 mm



**EKH.**  
Crank handles with hub cap in one of the Ergostyle colours.  
Material: special glass-fibre reinforced technopolymer, grey-black matte finish.  
Black oxide steel hub with standard H7 tolerance reamed hole.  
Sizes: 100 - 125 mm



**ELC.**  
Control levers with boss cap in one of the Ergostyle colours.  
Material: special glass-fibre reinforced technopolymer, grey-black matte finish.  
Black oxide steel boss with standard H7 tolerance reamed hole.  
Sizes: 67 - 85 - 110 - 140 mm



**EGK.**  
Grip knob with boss cap in one of the Ergostyle colours.  
Material: special glass-fibre reinforced technopolymer covered with soft touch elastomer, grey-black matte finish.  
Black oxide steel boss with standard H7 tolerance reamed hole.  
Diameter: 50 - 63 mm

SOFT



**EBK-SOFT**  
Special high impact strength technopolymer covered with soft touch elastomer (Shore A hardness 70), grey-black matte finish.  
Brass tapped insert or zinc-plated threaded steel stud.  
Dimension: 64 mm

SOFT



**EGH-SOFT**  
Special soft touch elastomer technopolymer (Shore A hardness 90), grey-black matte finish.  
Push-fit on plain shaft made from standard drawn stock bars.  
Dimension: 85 mm

SOFT



**ETH.**  
Tubular handles.  
Aluminium tube with epoxy resin based coating.  
Handle shanks in glass-fibre reinforced technopolymer assembled to the tube through a special expansion system to prevent from rotation during operation.  
Side caps in one of the Ergostyle colours with glossy finish.  
Fitting centre distance: 300 - 500 - 700 - 1000 mm



**ELK.**  
Lobe knobs.  
Material: special glass-fibre reinforced technopolymer, grey-black matte finish. Plain or bored (type ELK.FP) boss cap in one of the Ergostyle colours, ultrasonically welded to the knob body.  
Black oxide steel boss with standard H7 tolerance plain or tapped hole or threaded stud.  
Diameters: 45 - 56 - 70 mm



**EBP. EBPB**  
Bridge pull handles with caps in one of the Ergostyle colours.  
Material: special glass-fibre reinforced technopolymer, grey-black matte finish.  
Mounting by means of passing through holes in the plastic material or brass inserts with tapped blind holes.  
Fitting center distance: 95.3 - 117 - 150 mm



**ESN.**  
Single wing nuts with centre cap in one of the Ergostyle colours.  
Material special glass-fibre reinforced technopolymer, grey-black with matte finish.  
Brass insert with tapped hole.  
Sizes: 55 - 70 mm



**ESP.**  
Guard safety handles.  
Material: special glass-fibre reinforced technopolymer, grey-black matte finish. Safety cover in one of the Ergostyle colours to protect operator fingers against accidents, snap mounting, glossy finish.  
Mounting by means of two cylindrical head (CH) or countersunk screws (SH).  
Fitting center distance: 93.5 mm



**EWN.**  
Wing nuts with or without center cap in one of the Ergostyle colours.  
Material: special glass-fibre reinforced technopolymer, grey-black matte finish.  
Brass insert with blind or passing through tapped hole (EWN.FP), available also with AISI 303 stainless steel insert.  
Sizes: 48 - 55 - 70 mm

INOX  
Stainless  
Steel



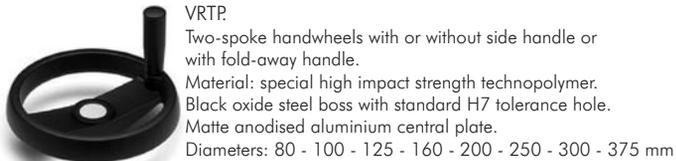
**ECH+x**  
Two-volume revolving handles.  
Material: special high impact strength technopolymer, grey-black matte finish.  
Zinc-plated steel shank with hexagonal socket in the threaded end.  
Sizes: 65 - 73 - 86 - 95 mm

INOX  
Stainless  
Steel

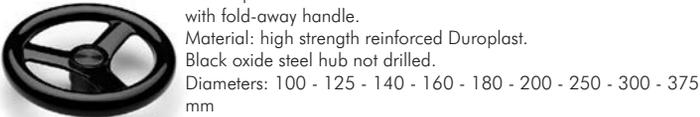
INOX  
Stainless  
Steel

INOX  
Stainless  
Steel

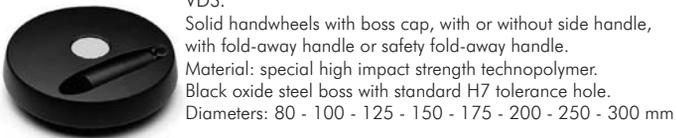
## Operating Elements



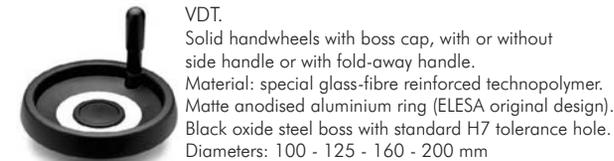
**VRTP.**  
Two-spoke handwheels with or without side handle or with fold-away handle.  
Material: special high impact strength technopolymer.  
Black oxide steel boss with standard H7 tolerance hole.  
Matte anodised aluminium central plate.  
Diameters: 80 - 100 - 125 - 160 - 200 - 250 - 300 - 375 mm



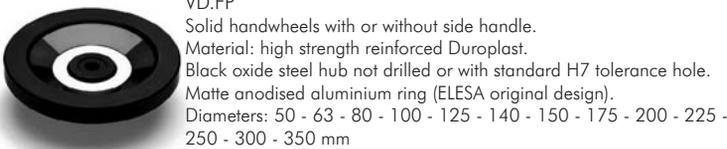
**VR.FP**  
Three-spoke handwheels with or without side handle or with fold-away handle.  
Material: high strength reinforced Duroplast.  
Black oxide steel hub not drilled.  
Diameters: 100 - 125 - 140 - 160 - 180 - 200 - 250 - 300 - 375 mm



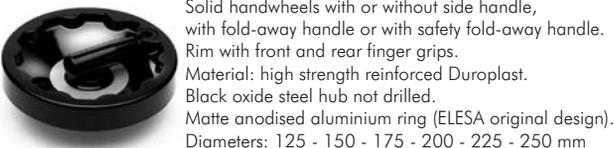
**VDS.**  
Solid handwheels with boss cap, with or without side handle, with fold-away handle or safety fold-away handle.  
Material: special high impact strength technopolymer.  
Black oxide steel boss with standard H7 tolerance hole.  
Diameters: 80 - 100 - 125 - 150 - 175 - 200 - 250 - 300 mm



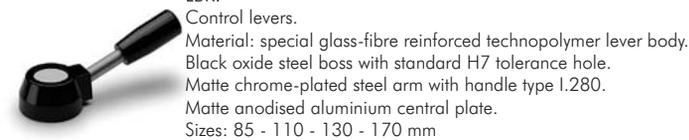
**VDT.**  
Solid handwheels with boss cap, with or without side handle or with fold-away handle.  
Material: special glass-fibre reinforced technopolymer.  
Matte anodised aluminium ring (ELESA original design).  
Black oxide steel boss with standard H7 tolerance hole.  
Diameters: 100 - 125 - 160 - 200 mm



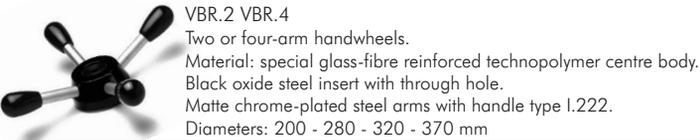
**VD.FP**  
Solid handwheels with or without side handle.  
Material: high strength reinforced Duroplast.  
Black oxide steel hub not drilled or with standard H7 tolerance hole.  
Matte anodised aluminium ring (ELESA original design).  
Diameters: 50 - 63 - 80 - 100 - 125 - 140 - 150 - 175 - 200 - 225 - 250 - 300 - 350 mm



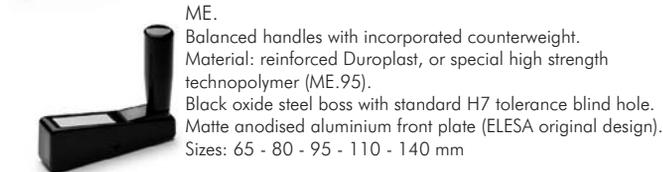
**VDO.FP**  
Solid handwheels with or without side handle, with fold-away handle or with safety fold-away handle.  
Rim with front and rear finger grips.  
Material: high strength reinforced Duroplast.  
Black oxide steel hub not drilled.  
Matte anodised aluminium ring (ELESA original design).  
Diameters: 125 - 150 - 175 - 200 - 225 - 250 mm



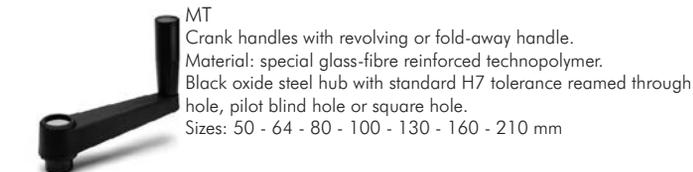
**LBR.**  
Control levers.  
Material: special glass-fibre reinforced technopolymer lever body.  
Black oxide steel boss with standard H7 tolerance hole.  
Matte chrome-plated steel arm with handle type I.280.  
Matte anodised aluminium central plate.  
Sizes: 85 - 110 - 130 - 170 mm



**VBR.2 VBR.4**  
Two or four-arm handwheels.  
Material: special glass-fibre reinforced technopolymer centre body.  
Black oxide steel insert with through hole.  
Matte chrome-plated steel arms with handle type I.222.  
Diameters: 200 - 280 - 320 - 370 mm

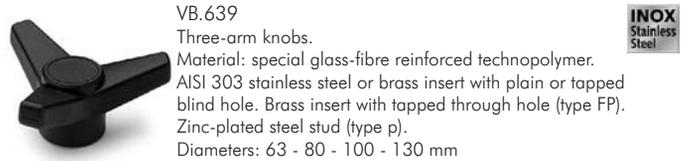


**ME.**  
Balanced handles with incorporated counterweight.  
Material: reinforced Duroplast, or special high strength technopolymer (ME.95).  
Black oxide steel boss with standard H7 tolerance blind hole.  
Matte anodised aluminium front plate (ELESA original design).  
Sizes: 65 - 80 - 95 - 110 - 140 mm



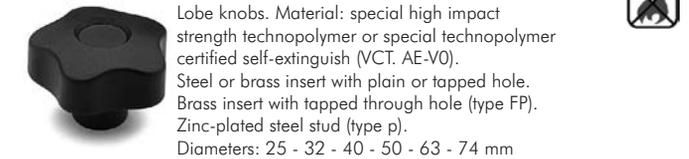
**MT**  
Crank handles with revolving or fold-away handle.  
Material: special glass-fibre reinforced technopolymer.  
Black oxide steel hub with standard H7 tolerance reamed through hole, pilot blind hole or square hole.  
Sizes: 50 - 64 - 80 - 100 - 130 - 160 - 210 mm

## Clamping And Control Elements

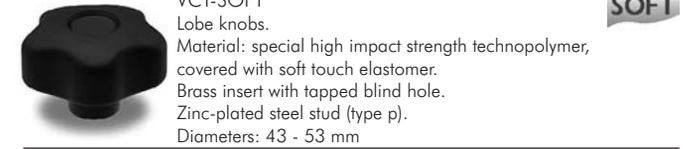


**VB.639**  
Three-arm knobs.  
Material: special glass-fibre reinforced technopolymer.  
AISI 303 stainless steel or brass insert with plain or tapped blind hole. Brass insert with tapped through hole (type FP).  
Zinc-plated steel stud (type p).  
Diameters: 63 - 80 - 100 - 130 mm

INOX  
Stainless  
Steel

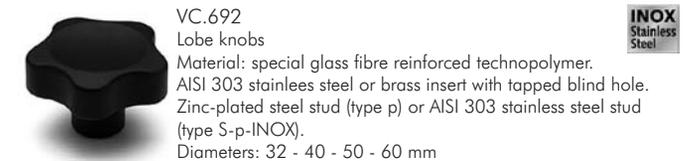


**VCT. VCT. AE-V0**  
Lobe knobs. Material: special high impact strength technopolymer or special technopolymer certified self-extinguish (VCT. AE-V0).  
Steel or brass insert with plain or tapped hole. Brass insert with tapped through hole (type FP).  
Zinc-plated steel stud (type p).  
Diameters: 25 - 32 - 40 - 50 - 63 - 74 mm



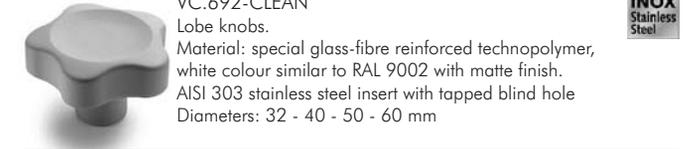
**VCT-SOFT**  
Lobe knobs.  
Material: special high impact strength technopolymer, covered with soft touch elastomer.  
Brass insert with tapped blind hole.  
Zinc-plated steel stud (type p).  
Diameters: 43 - 53 mm

SOFT



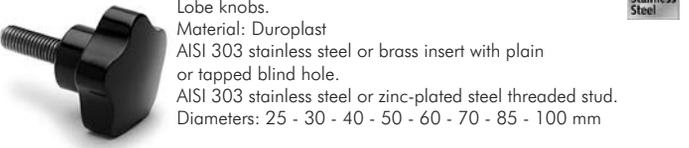
**VC.692**  
Lobe knobs  
Material: special glass fibre reinforced technopolymer.  
AISI 303 stainless steel or brass insert with tapped blind hole.  
Zinc-plated steel stud (type p) or AISI 303 stainless steel stud (type S-p-INOX).  
Diameters: 32 - 40 - 50 - 60 mm

INOX  
Stainless  
Steel



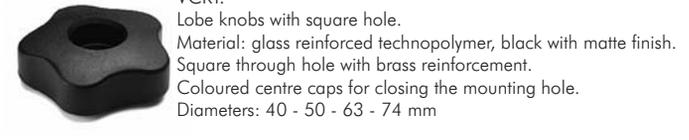
**VC.692-CLEAN**  
Lobe knobs.  
Material: special glass-fibre reinforced technopolymer, white colour similar to RAL 9002 with matte finish.  
AISI 303 stainless steel insert with tapped blind hole  
Diameters: 32 - 40 - 50 - 60 mm

INOX  
Stainless  
Steel

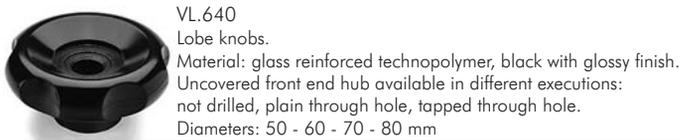


**VC.192**  
Lobe knobs.  
Material: Duroplast  
AISI 303 stainless steel or brass insert with plain or tapped blind hole.  
AISI 303 stainless steel or zinc-plated steel threaded stud.  
Diameters: 25 - 30 - 40 - 50 - 60 - 70 - 85 - 100 mm

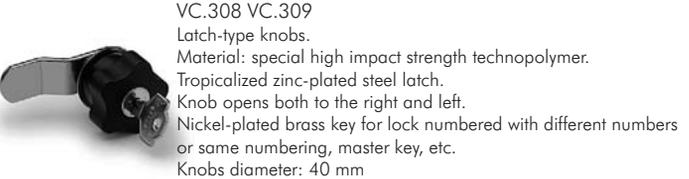
INOX  
Stainless  
Steel



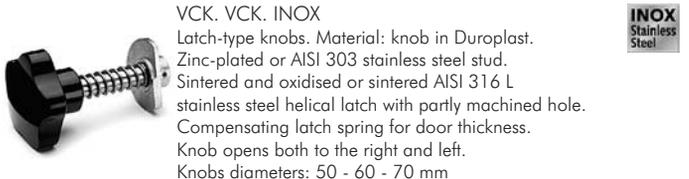
**VCRT.**  
Lobe knobs with square hole.  
Material: glass reinforced technopolymer, black with matte finish.  
Square through hole with brass reinforcement.  
Coloured centre caps for closing the mounting hole.  
Diameters: 40 - 50 - 63 - 74 mm



**VL.640**  
Lobe knobs.  
Material: glass reinforced technopolymer, black with glossy finish.  
Uncovered front end hub available in different executions: not drilled, plain through hole, tapped through hole.  
Diameters: 50 - 60 - 70 - 80 mm



**VC.308 VC.309**  
Latch-type knobs.  
Material: special high impact strength technopolymer.  
Tropicalized zinc-plated steel latch.  
Knob opens both to the right and left.  
Nickel-plated brass key for lock numbered with different numbers or same numbering, master key, etc.  
Knobs diameter: 40 mm



**VCK. VCK. INOX**  
Latch-type knobs. Material: knob in Duroplast.  
Zinc-plated or AISI 303 stainless steel stud.  
Sintered and oxidised or sintered AISI 316 L stainless steel helical latch with partly machined hole.  
Compensating latch spring for door thickness.  
Knob opens both to the right and left.  
Knobs diameters: 50 - 60 - 70 mm

INOX  
Stainless  
Steel

All dimensions are in mm.  
All dimensions are subject to change without notice.

Please contact T.E.A. for faxed data sheets

## Industrial Handles



**CT.476**  
Swing knobs.  
Material: special glass-fibre reinforced technopolymer.  
Brass insert with blind or through tapped hole (type FP).  
Zinc-plated steel stud (type p)  
or AISI 303 stainless steel stud (type S-p-INOX).  
Sizes: 20 - 25 - 30 - 40 mm



**M.843**  
Handles.  
Material: polyamide based technopolymer with glossy finish.  
Brass inserts with tapped blind hole.  
Available in six standard colours.  
Fitting centre distances: 117 - 179 mm



**BT.**  
Fluted grip knobs.  
Material: special high impact strength technopolymer.  
AISI 303 stainless steel or brass insert with blind  
or tapped through hole (type FP).  
Zinc-plated steel or AISI 303 stainless steel stud (type p).  
Diameters: 16 - 20 - 25 - 32 - 40 - 50 mm



**M.843 CLEAN**  
Handles.  
Material: polyamide based technopolymer,  
in white colour similar to RAL 9002 with glossy finish.  
AISI 303 stainless steel insert with tapped blind hole.  
Fitting centre distances: 117 - 179 mm



**B.193**  
Knurled grip knobs.  
Black Duroplast with glossy finish.  
AISI 303 stainless steel studs (type p), or brass insert with  
tapped blind hole or through hole (type FP)  
Diameters: 15 - 18 - 20 - 25 - 30 - 35 - 40 - 50 mm



**M.643**  
Handles.  
Material: special high impact strength technopolymer, matte finish.  
Brass die-cast zinc alloy or brass inserts  
with tapped blind hole.  
**M.643 HT**  
Suitable for working temperature up to 200°C.  
Fitting centre distances: 86 - 117 - 120 - 130 - 150 - 179 - 300 mm



**B.259-CLEAN**  
Knurled knobs. Material painted Duroplast,  
in white colour similar to RAL 9002 with glossy finish.  
AISI 303 stainless steel insert with tapped blind hole.  
Diameters: 20 - 25 - 30 mm



**M.443 CH**  
Handles. Material: special glass-fibre reinforced  
technopolymer, RAL colours: black, orange, red, grey.  
Fitting by means of cylindrical head screws.  
**M.443 AE-VO**  
Material: special black technopolymer certified self-extinguish,  
Fitting by means of cylindrical head screws.  
Fitting centre distances: 93.5 - 117 - 132 - 179 - 235 mm



**MBT-SOFT**  
Fluted grip knobs.  
Material: special high impact strength technopolymer,  
rim covered with soft touch elastomer.  
Zinc-plated threaded steel stud (type p) or brass insert  
with tapped blind hole.  
Diameters: 45 - 55 mm



**GR.**  
Bent tubular handle.  
Tube and lateral caps in AISI 304 fine grounded  
stainless steel. Diameter 30x1.5 mm  
Lateral handle shanks in aluminium with black  
epoxy resin coating.  
Back mounting by means of two threaded blind holes.  
Fitting centre distances: 500 - 600 mm



**IZP.**  
Knurled grip knobs with or without triangular index or graduation.  
Material: special glass-fibre reinforced technopolymer.  
Laser precision engraved triangular index or graduation with  
standard 0 - 9 numbering (20 marks) or special numbering  
on request.  
Diameters: 25 - 30 - 35 - 40 mm



**M.1043**  
Tubular handles.  
Material: aluminium tube Ø 30 mm with a polyurethane  
coat on an epoxy base, special reinforced technopolymer  
handle shanks.  
Fitting by means of cylindrical socket head screws.  
Fitting centre distances: 300 - 350 - 400 - 500 - 600 - 700 mm



**IZN.380**  
Knurled grip knobs with boss cap.  
Material: special glass-fibre reinforced technopolymer.  
Black oxide steel boss with standard H7 tolerance reamed hole.  
Model IZN.380+K with pointer flange.  
Model IZN.380+FGS with calibrated flange.  
Diameters: 32 - 36 - 40 - 45 - 50 - 56 - 63 - 80 mm



**M.1066-CLEAN**  
Aluminium tube with high resistance epoxy  
resin based coating. White colour similar to  
RAL 9002 with glossy finish. Handle shanks and side  
caps in glass-fibre reinforced technopolymer, matte finish.  
Mounting by means of zinc-plated steel special screws  
and brass nuts.  
Fitting centre distances: 200 - 250 - 300 - 400 - 500 - 600 mm



**FN.FK.FGS**  
Flanges for IZN. knurled grip knobs.  
Material: matte anodised aluminium.  
Executions: plain (type N), with black index (type K),  
with marks and numbers standard from 0 to 9 (type GS).  
Diameters: 32 - 36 - 40 - 45 - 50 - 56 - 63 mm



**PL.PS.S.N**  
Plain spherical knobs.  
Material: Duroplast.  
Tapped blind hole or special technopolymer self-locking bushing,  
push-fit mounting, brass insert with tapped blind hole (type PL.B).  
Diameters: 20 - 25 - 30 - 35 - 40 - 45 - 50 - 60 mm



**MBT+I**  
Diamond cut knurled knobs with side handle.  
Material: special high impact strength technopolymer,  
black with matte finish.  
Brass insert with plain blind hole and socket set screw  
for fitting to shaft.  
Diameters: 40 - 50 - 60 mm



**I.622 I.622 N**  
Handles.  
Material: high-impact strength technopolymer with glossy finish.  
Tapped blind hole (I.622 N) available in black standard colour  
or plain blind hole (I.622 N) in black or red similar to RAL 3000.  
Sizes: 25 - 30 - 40 - 55 mm



**MR.**  
Adjustable handles. If necessary the lever can be disassembled.  
Material: special glass-fibre reinforced technopolymer.  
AISI 302 stainless steel return spring.  
Black oxide steel or brass insert with plain or tapped blind hole.  
Black oxide steel stud (type p).  
RAL colours: black, orange, grey.  
Sizes: 40 - 63 - 80 - 100 mm



**I.622 N-CLEAN**  
Handles.  
Material: high impact strength technopolymer in  
white colour similar to RAL 9002 with glossy finish.  
Plain blind hole, push-fit mounting.  
Sizes: 25 - 30 - 40 - 55 mm



**MRX.MRX.S-INOX**  
Adjustable handles.  
Material: special glass-fibre reinforced technopolymer.  
Technopolymer push button. AISI 302 stainless steel return spring.  
Brass or AISI 303 stainless steel insert with tapped blind hole  
(type MRX.S-INOX). Zinc-plated steel stud (type MRX.p) or  
AISI 303 stainless steel stud (type MRX.S-p-INOX).  
Sizes: 40 - 63 - 80 - 100 mm



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# elesa Standards



**IEL.**  
Push-fit fixed or revolving handles.  
Material: matte finish elastomer technopolymer.  
Zinc-plated steel shank (type IEL.+x).  
Transparent cap for self-adhesive labels with marks and symbols (type IEL.N-H).  
Size: 65 mm



**I.168-SOFT**  
Knurled handles.  
Black matte finish, thermoplastic elastomer technopolymer, coated with soft touch elastomer (Shore A hardness 90). Brass insert with plain hole.  
Complete with socket set screw for fitting to shaft.  
Size: 60 mm

**SOFT**



**BL.366 BL.368 BL.668**  
Lever arms.  
Matte chrome-plated steel arm with Duroplast black handle with glossy finish (BL.366 - BL.368) or zinc-plated steel arm (BL.668) with black technopolymer handle with glossy finish.  
Dimensions: 8 - 10 - 12 - 14 - 16 mm



**I.601+x I.601+x-INOX**  
Revolving handles.  
Material: special high impact strength technopolymer.  
Zinc-plated or AISI 303 stainless steel shank.  
I.301+x  
Material: Duroplast.  
Sizes: 28 - 40 - 50 - 56 - 65 - 80 - 90 - 100 - 115 mm

**INOX**  
Stainless Steel



**I.621+x**  
Two-volume revolving handles.  
Material: special technopolymer, black with matte finish.  
Zinc-plated shank with hexagonal socket at threaded end.  
Sizes: 45 - 60 - 65 - 80 - 90 mm



**IR.302 IR.407 IR.612**  
Fold-away handles.  
Material: Duroplast or technopolymer handle with sintered and oxidised or AISI 303 stainless steel base.  
Double-guided stud and coaxial bushes to make the handle pivoting freely during operations.  
Sizes: 56 - 65 - 80 - 90 mm

**INOX**  
Stainless Steel



**IR.620**  
Two-volume fold-away handles.  
Material: special technopolymer, black colour with matte finish.  
Black oxide steel stud and sintered and oxidised steel flat base.  
Sizes: 45 - 60 - 65 - 80 - 90 mm



**IRS.802**  
Fold-away - "Fold-O-Matic" handles.  
Material: technopolymer handle with sintered and oxidised or AISI 303 stainless steel base.  
Black oxide or treated steel double guide stud.  
Fold-O-matic special return system: the handle returns automatically back to its retracted position as soon as the operator lets it go.  
Sizes: 65 - 80 - 90 mm

**INOX**  
Stainless Steel

## Accessories For Hydraulic Systems



**TCD. TSD. TN.**  
Oil plugs plain (TN.) or with DIN graphic symbols "fill" (TCD.) or "drain" (TSD).  
Material: special glass-fibre reinforced technopolymer in black (TCD. TN) or red (TSD.) with matte finish.  
Flat NBR synthetic rubber packing ring.  
Flat phosphatised steel dipstick (type TCD+a).  
Threads BSP: 1/8 - 1/4 - 3/8 - 1/2 - 3/4 - 1 - 1 1/4 - 1 1/2



**T.440**  
Caps.  
Material: special technopolymer.  
Flat NBR synthetic rubber packing ring  
Flat phosphatised steel dipstick (type T.440+a).  
Threads BSP: 1/4 - 3/8 - 1/2 - 3/4 - 1 - 1 1/4 - 1 1/2



**SFV.**  
Valve breather caps.  
Material: special polyamide based technopolymer, orange colour cover with "valve" Symbol.  
Flat NBR synthetic rubber packing ring.  
Valve setting 0.010 bar or 0.100 bar.  
Threads: BSP 1/4 - 3/8 - 1/2 - 3/4 - 1 ; metric (pitch 1.5) 16 - 18 - 20 - 22



**SFW.**  
Pressure filler breather caps.  
Material: special polyamide based technopolymer, orange colour cover with "valve" Symbol.  
Safety valve setting: 0.350 bar, suction valve setting: 0.030 bar.  
Air filter, filtration 40µ. Flat NBR synthetic rubber packing ring.  
Bayonet mounting or BSP threads: 3/4 - 1 1/4



**FRF+C FRB+C**  
Threaded or bayonet flanges with basket (filtration 30 mesh).  
Material: flange in special glass-fibre reinforced technopolymer or in zinc-plated steel.  
Flat cork MGS rubber impregnated gasket.  
Mounting by means of six zinc-plated steel self tapping screws.  
Threaded or bayonet type breather cap fitting.



**PLRF+C PLRB+C**  
Threaded or bayonet style side mount flanges with basket (filtration 30 mesh).  
Material: mount in special glass-fibre reinforced technopolymer. Flange in special glass-fibre reinforced technopolymer or in zinc-plated steel.  
Flat cork MGS rubber impregnated gasket.  
Mounting by means of seven M6 screws and relative washers.  
Threaded or bayonet type breather cap fitting.



**HGFT.**  
Oil level indicators.  
Material: case in special black polyamide based technopolymer.  
Special transparent polyamide window. Flat NBR synthetic rubber packing ring. Matte anodised aluminium contrast screen.  
Model HGFT.HT-PR: prismatique window.  
Maximum working temperature: 140°C.  
Threads BSP: 3/8 - 1/2 - 3/4 - 1 - 1 1/4 - 2



**HFTX.**  
Oil level indicators.  
Material: special polyamide based transparent technopolymer.  
Flat NBR synthetic rubber packing ring.  
Matte anodised aluminium contrast screen.  
Threads: BSP 1/4 - 3/8 - 1/2 - 3/4 - 1 - 1 1/4 ; metric (pitch 1.5) 16 - 20 - 25 - 26 - 27 - 30 - 35 - 40



**HCFE/C**  
Dome-shaped level indicators.  
Material: special transparent technopolymer.  
NBR synthetic rubber packing ring.  
Threads BSP: 1/2 - 3/4 - 1



**HCX. HCX. INOX**  
Vertical column level indicators, 180° readability.  
Material: special polyamide based transparent technopolymer. Zinc-plated steel set screws and nuts with OR type NBR synthetic rubber packing rings.  
White laquered aluminium contrast screen.  
Incorporated thermometer (execution HCX/T).  
Execution HCX.INOX with bolts and nuts in AISI 303 stainless steel and OR type Viton® packing rings.  
HCX. INOX-BW  
Column level indicators for boiling water.  
HCZ.  
Vertical column level indicators with reduced width.  
Fitting centre distances: 76 - 127 - 254 mm  
Viton® is a registered trademark of Dupont Dow Elastomers.

**INOX**  
Stainless Steel



**HCX/E**  
Electric vertical column level indicators, 180° readability.  
Material: special polyamide based transparent technopolymer.  
Zinc-plated steel set screws and nuts with OR type NBR synthetic rubber packing rings.  
Black polyamide expanded technopolymer float.  
Black polyamide technopolymer watertight sensor bracket.  
White laquered aluminium contrast screen.  
Electric device to generate a signal when the oil level drops to a minimum.  
Fitting centre distance: 127 mm

Please contact T.E.A. for faxed data sheets



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