

# ME. | Balanced crank handles

Duroplast

METRIC

RoHS

PF

+230 °F  
-4 °F

PA

+194 °F  
+32 °F

## MATERIAL

Reinforced phenolic based (PF) Duroplast. Polyamide based (PA) technopolymer for ME.95, black colour, glossy finish.  
Balancing by means of an incorporated counterweight.

## FRONT PLATE

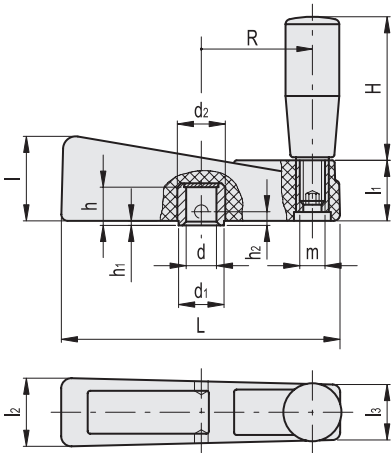
Matte anodised aluminium (ELESA original design).

## STANDARD EXECUTION

Black-oxide steel boss, H7 reamed hole.  
Reamed hole provided with centres already drilled for pinning to shaft.  
Use pins with smaller diameter than the one of the already drilled hole to avoid local stress.  
Revolving handle I.301+x (see page 664) in Duroplast.



ELESA Original design



| Conversion Table<br>1 mm = 0.039 inch |      |
|---------------------------------------|------|
| L                                     |      |
| mm                                    | inch |
| 65                                    | 2.56 |
| 80                                    | 3.15 |
| 94                                    | 3.70 |
| 110                                   | 4.33 |
| 140                                   | 5.51 |

METRIC

| Code  | Description | dH7 | L   | d1 | d2 | l  | l1 | l2 | l3 | h    | h1  | h2  | H  | m   | R  | Δ   |
|-------|-------------|-----|-----|----|----|----|----|----|----|------|-----|-----|----|-----|----|-----|
| 38001 | ME.65       | 8   | 65  | 13 | 14 | 23 | 18 | 22 | 19 | 13   | 1.5 | 6.5 | 40 | M6  | 23 | 93  |
| 38101 | ME.80       | 10  | 80  | 14 | 15 | 26 | 20 | 24 | 20 | 16   | 1.5 | 8   | 40 | M6  | 30 | 102 |
| 38201 | ME.95       | 10  | 94  | 14 | 15 | 29 | 22 | 26 | 22 | 19   | 1.5 | 8   | 50 | M8  | 36 | 133 |
| 38301 | ME.110      | 12  | 110 | 18 | 19 | 34 | 24 | 28 | 22 | 17.5 | 1.5 | 9   | 65 | M10 | 44 | 260 |
| 38401 | ME.140      | 12  | 140 | 18 | 19 | 37 | 26 | 30 | 24 | 17.5 | 1.5 | 9   | 80 | M10 | 57 | 335 |

# GN 112.1 | Balanced crank handles

Zinc-alloy

METRIC

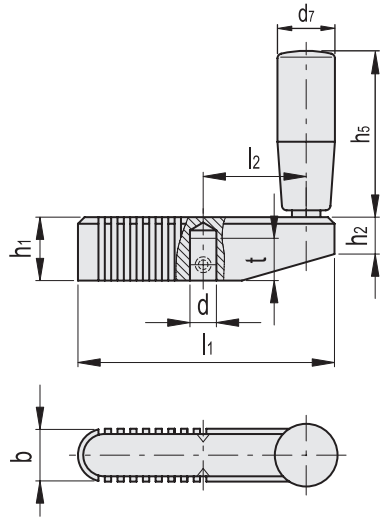
RoHS

## MATERIAL

Die-cast zinc-alloy, epoxy resin coating, RAL 9005 black colour, matte finish.

## STANDARD EXECUTION

H7 reamed blind hole.  
Revolving handle I.601+x (see page 664) in technopolymer.



| Conversion Table<br>1 mm = 0.039 inch |      |
|---------------------------------------|------|
| l1                                    |      |
| mm                                    | inch |
| 70                                    | 2.76 |
| 80                                    | 3.15 |
| 90                                    | 3.54 |
| 100                                   | 3.94 |

METRIC

| Code     | Description      | dH7 | l1  | l2   | h1 | h2   | h5   | b  | tmin | d7 | Δ   |
|----------|------------------|-----|-----|------|----|------|------|----|------|----|-----|
| GN.11551 | GN 112.1-70-S8   | 8   | 70  | 26.5 | 19 | 11.5 | 42.5 | 17 | 12   | 18 | 125 |
| GN.11561 | GN 112.1-80-S8   | 8   | 80  | 31   | 21 | 12.5 | 52.5 | 18 | 12   | 21 | 170 |
| GN.11565 | GN 112.1-90-S10  | 10  | 90  | 35.5 | 23 | 13.5 | 52.5 | 19 | 15   | 21 | 251 |
| GN.11571 | GN 112.1-100-S10 | 10  | 100 | 40   | 25 | 14   | 67.5 | 20 | 17   | 23 | 290 |
| GN.11581 | GN 112.1-100-S12 | 12  | 100 | 40   | 25 | 14   | 67.5 | 20 | 17   | 23 | 285 |

Operating elements