

M.990 | Guard safety handles

Technopolymer



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MATERIAL

Polyamide based (PA) technopolymer, black colour, matte finish.

COVER

Technopolymer in Ergostyle colours, matte finish; snap-in assembly, removable by a screwdriver.

STANDARD EXECUTION

Pass-through holes for cylindrical-head screws with hexagon socket, hexagonal-head screws or standard lock nuts.

FEATURES AND APPLICATIONS

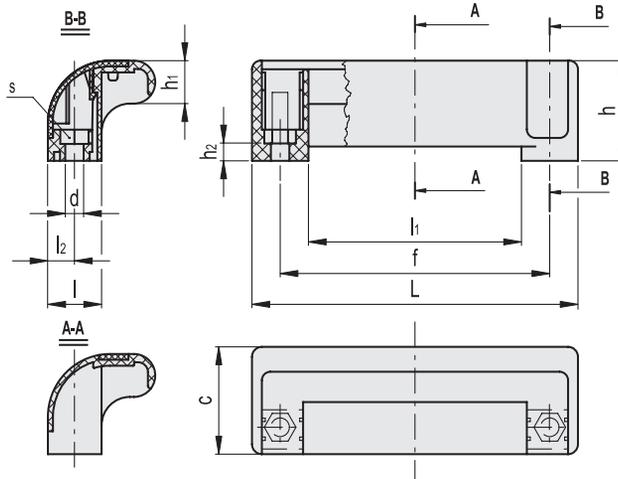
M.990 handles have been especially designed to fit machine guards or automation systems with double-leaf door. The special closed design of the handle represents a safety element for the operator's fingers. Moreover, the coloured cover improves the visibility of the handle and offers the possibility of product customisation.

TECHNICAL DATA

Tensile stress: F1 value reported in the table is the result of breaking tests carried out with an appropriate dynamometric equipment under the test conditions shown in the figure with ambient temperature. Maximum tightening torque for screw assembly 3 Nm.



FOM design



| Conversion Table 1 mm = 0.039 inch | | | | | |
|------------------------------------|------|-----|------|----|------|
| L | | d | | s | |
| mm | inch | mm | inch | mm | inch |
| 115 | 4.53 | 6.5 | 0.26 | 10 | 0.39 |



- C9** RAL9005
- C2** RAL2004
- C3** RAL7035
- C4** RAL1021
- C5** RAL5024
- C6** RAL3000
- C17** RAL6017

METRIC

| Code | Description | L | f±0.5 | d | s | h | h1 | h2 | c | l | l1 | l2 | F1 [N] | |
|--------|-------------------|-----|-------|-----|----|----|----|----|------|----|------|-----|--------|----|
| 138511 | M.990/115 EH-6-C9 | 115 | 95.5 | 6.5 | 10 | 35 | 15 | 6 | 37.5 | 19 | 75.5 | 9.5 | 900 | 33 |
| 138512 | M.990/115 EH-6-C2 | 115 | 95.5 | 6.5 | 10 | 35 | 15 | 6 | 37.5 | 19 | 75.5 | 9.5 | 900 | 33 |
| 138513 | M.990/115 EH-6-C3 | 115 | 95.5 | 6.5 | 10 | 35 | 15 | 6 | 37.5 | 19 | 75.5 | 9.5 | 900 | 33 |
| 138514 | M.990/115 EH-6-C4 | 115 | 95.5 | 6.5 | 10 | 35 | 15 | 6 | 37.5 | 19 | 75.5 | 9.5 | 900 | 33 |
| 138515 | M.990/115 EH-6-C5 | 115 | 95.5 | 6.5 | 10 | 35 | 15 | 6 | 37.5 | 19 | 75.5 | 9.5 | 900 | 33 |
| 138516 | M.990/115 EH-6-C6 | 115 | 95.5 | 6.5 | 10 | 35 | 15 | 6 | 37.5 | 19 | 75.5 | 9.5 | 900 | 33 |

Lift & Pull handles