

**MATERIAL**

Glass-fibre reinforced polyamide based (PA) technopolymer, RAL 7031 grey colour, matte finish.

**STANDARD EXECUTIONS**

- **MAK:** brass bushings, threaded blind holes for M5 screws, back mounting.
- **MAK-FM:** brass bushings with pass-through holes for M5 cylindrical-head screws with hexagon socket, front mounting.

**FEATURES AND APPLICATIONS**

Suitable for 19" rack applications and instrumentation in general. Column U in the table lists the front panel height units: 1U = 44.45 mm (1 6/8") for the correct selection of handles.

**TECHNICAL DATA**

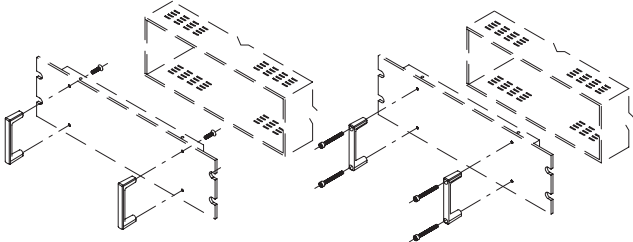
Tensile stress and impact strength: the values F1, F2, L1 and L2 indicated in the table were obtained during breaking tests carried out with the appropriate dynamometric equipment under the test conditions shown in the figure with ambient temperature.



Application example

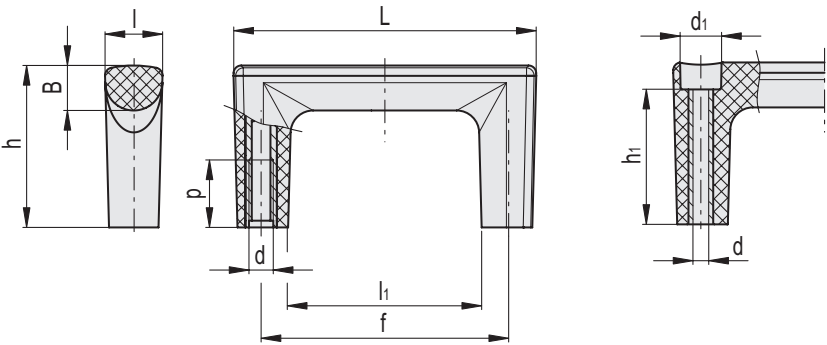
MAK

MAK-FM



MAK

MAK-FM



**MAK**

| Code  | Description         | L     | B   | l  | f <sub>±0.5</sub> | d  | h  | p  | l <sub>1</sub> | U | F1 [N] | F2 [N] | L1 [J] | L2 [J] | ⚖  |
|-------|---------------------|-------|-----|----|-------------------|----|----|----|----------------|---|--------|--------|--------|--------|----|
| 37891 | MAK.32-1U-B-M5-C31  | 43.5  | 9.5 | 13 | 32                | M5 | 36 | 15 | 21             | 1 | 1600   | 5700   | 7      | 7      | 22 |
| 37893 | MAK.55-2U-B-M5-C31  | 67.5  | 9.5 | 13 | 55                | M5 | 36 | 15 | 43             | 2 | 1600   | 4900   | 7      | 7      | 26 |
| 37895 | MAK.88-3U-B-M5-C31  | 100.5 | 9.5 | 13 | 88                | M5 | 36 | 15 | 75             | 3 | 1600   | 3200   | 7      | 7      | 31 |
| 37897 | MAK.120-4U-B-M5-C31 | 132.5 | 9.5 | 13 | 120               | M5 | 36 | 15 | 99             | 4 | 1600   | 2400   | 7      | 7      | 38 |

**MAK-FM**

| Code   | Description           | L     | B   | l  | f <sub>±0.5</sub> | d | d <sub>1</sub> | h  | h <sub>1</sub> | l <sub>1</sub> | U | F1 [N] | F2 [N] | L1 [J] | L2 [J] | ⚖  |
|--------|-----------------------|-------|-----|----|-------------------|---|----------------|----|----------------|----------------|---|--------|--------|--------|--------|----|
| 137891 | MAK.32-1U-FM-B-6-C31  | 43.5  | 9.5 | 13 | 32                | 6 | 9              | 36 | 30             | 21             | 1 | 1600   | 6700   | 8      | 6      | 20 |
| 137893 | MAK.55-2U-FM-B-6-C31  | 67.5  | 9.5 | 13 | 55                | 6 | 9              | 36 | 30             | 43             | 2 | 1600   | 5500   | 8      | 6      | 24 |
| 137895 | MAK.88-3U-FM-B-6-C31  | 100.5 | 9.5 | 13 | 88                | 6 | 9              | 36 | 30             | 75             | 3 | 1600   | 2300   | 8      | 6      | 29 |
| 137897 | MAK.120-4U-FM-B-6-C31 | 132.5 | 9.5 | 13 | 120               | 6 | 9              | 36 | 30             | 99             | 4 | 1600   | 1600   | 8      | 6      | 36 |