

MSM-R Twistable two-way connecting clamps

Aluminium



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MATERIAL

Aluminium

CLAMPING SCREWS

AISI 304 stainless steel with hexagon socket.

STANDARD EXECUTIONS

- **MSM-R-Q**: hole axis of the connecting clamp perpendicular to the assembly hole.
- **MSM-R-P**: hole axis of the connecting clamp coaxial to the assembly hole.
- **ANB** index: anodised aluminium, black colour.
- **MT** index: natural aluminium, matte finish.



FEATURES AND APPLICATIONS

MSM-R connecting clamps can be assembled to each other to get various combinations.

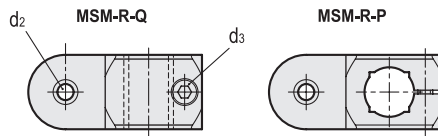
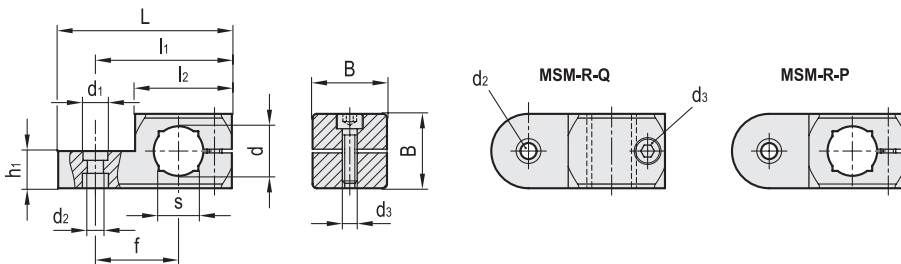
The clamping screw d3 may be replaced by GN 511 (see page 1242).

DIMENSION TABLE KEY

d = hole diameter for shaft tolerance h11.

d2 = hole for GN 511.1 (see page 1241).

d3 = clamping screws which can be replaced by GN 511 (page 1242).



MSM-R-Q-ANB

| Code | Description | d | d1 | d2 | d3 | L | B | l1 | l2 | h1 | f | s | d2 Clamping kit | d3 Clamping kit | ⚖️ |
|--------|-------------------|----|-----|-----|----|----|----|------|----|------|------|----|--------------------|--------------------|-----|
| 500653 | MSM-R-8-16-Q-ANB | 8 | 7 | 4.5 | M4 | 40 | 16 | 32 | 23 | 8 | 18.5 | - | GN 511.1-M4-16-S/K | GN 511-M4-16 | 19 |
| 500663 | MSM-R-10-20-Q-ANB | 10 | 8.5 | 5.5 | M5 | 50 | 20 | 40 | 29 | 10 | 23 | 8 | GN 511.1-M5-20-S/K | GN 511-M5-20 | 36 |
| 500673 | MSM-R-12-20-Q-ANB | 12 | 8.5 | 5.5 | M5 | 50 | 20 | 40 | 29 | 10 | 23 | 10 | GN 511.1-M5-20-S/K | GN 511-M5-20 | 46 |
| 500683 | MSM-R-15-25-Q-ANB | 15 | 10 | 6.5 | M6 | 62 | 25 | 49.5 | 36 | 12.5 | 29 | 12 | GN 511.1-M6-25-S/K | GN 511-M6-25 | 66 |
| 500693 | MSM-R-16-25-Q-ANB | 16 | 10 | 6.5 | M6 | 62 | 25 | 49.5 | 36 | 12.5 | 29 | - | GN 511.1-M6-25-S/K | GN 511-M5-25 | 69 |
| 500703 | MSM-R-20-30-Q-ANB | 20 | 10 | 6.5 | M6 | 70 | 30 | 55 | 39 | 15 | 33.5 | 16 | GN 511.1-M6-30-S/K | GN 511-M6-30 | 101 |

MSM-R-Q-MT

| | | | | | | | | | | | | | | | |
|--------|------------------|----|-----|-----|----|----|----|------|----|------|------|----|--------------------|--------------|-----|
| 500654 | MSM-R-8-16-Q-MT | 8 | 7 | 4.5 | M4 | 40 | 16 | 32 | 23 | 8 | 18.5 | - | GN 511.1-M4-16-S/K | GN 511-M4-16 | 18 |
| 500664 | MSM-R-10-20-Q-MT | 10 | 8.5 | 5.5 | M5 | 50 | 20 | 40 | 29 | 10 | 23 | 8 | GN 511.1-M5-20-S/K | GN 511-M5-20 | 35 |
| 500674 | MSM-R-12-20-Q-MT | 12 | 8.5 | 5.5 | M5 | 50 | 20 | 40 | 29 | 10 | 23 | 10 | GN 511.1-M5-20-S/K | GN 511-M5-20 | 45 |
| 500684 | MSM-R-15-25-Q-MT | 15 | 10 | 6.5 | M6 | 62 | 25 | 49.5 | 36 | 12.5 | 29 | 12 | GN 511.1-M6-25-S/K | GN 511-M6-25 | 65 |
| 500694 | MSM-R-16-25-Q-MT | 16 | 10 | 6.5 | M6 | 62 | 25 | 49.5 | 36 | 12.5 | 29 | - | GN 511.1-M6-25-S/K | GN 511-M5-25 | 68 |
| 500704 | MSM-R-20-30-Q-MT | 20 | 10 | 6.5 | M6 | 70 | 30 | 55 | 39 | 15 | 33.5 | 16 | GN 511.1-M6-30-S/K | GN 511-M6-30 | 100 |

MSM-R-P-ANB

| Code | Description | d | d1 | d2 | d3 | L | B | l1 | l2 | h1 | f | s | d2 Clamping kit | d3 Clamping kit | ⚖️ |
|--------|-------------------|----|-----|-----|----|----|----|------|----|------|------|----|--------------------|--------------------|-----|
| 500651 | MSM-R-8-16-P-ANB | 8 | 7 | 4.5 | M4 | 40 | 16 | 32 | 23 | 8 | 18.5 | - | GN 511.1-M4-16-S/K | GN 511-M4-16 | 19 |
| 500661 | MSM-R-10-20-P-ANB | 10 | 8.5 | 5.5 | M5 | 50 | 20 | 40 | 29 | 10 | 23 | 8 | GN 511.1-M5-20-S/K | GN 511-M5-20 | 37 |
| 500671 | MSM-R-12-20-P-ANB | 12 | 8.5 | 5.5 | M5 | 50 | 20 | 40 | 29 | 10 | 23 | 10 | GN 511.1-M5-20-S/K | GN 511-M5-20 | 46 |
| 500681 | MSM-R-15-25-P-ANB | 15 | 10 | 6.5 | M6 | 62 | 25 | 49.5 | 36 | 12.5 | 29 | 12 | GN 511.1-M6-25-S/K | GN 511-M6-25 | 66 |
| 500691 | MSM-R-16-25-P-ANB | 16 | 10 | 6.5 | M6 | 62 | 25 | 49.5 | 36 | 12.5 | 29 | - | GN 511.1-M6-25-S/K | GN 511-M5-25 | 71 |
| 500701 | MSM-R-20-30-P-ANB | 20 | 10 | 6.5 | M6 | 70 | 30 | 55 | 39 | 15 | 33.5 | 16 | GN 511.1-M6-30-S/K | GN 511-M6-30 | 101 |

MSM-R-P-MT

| | | | | | | | | | | | | | | | |
|--------|------------------|----|-----|-----|----|----|----|------|----|------|------|----|--------------------|--------------|-----|
| 500652 | MSM-R-8-16-P-MT | 8 | 7 | 4.5 | M4 | 40 | 16 | 32 | 23 | 8 | 18.5 | - | GN 511.1-M4-16-S/K | GN 511-M4-16 | 18 |
| 500662 | MSM-R-10-20-P-MT | 10 | 8.5 | 5.5 | M5 | 50 | 20 | 40 | 29 | 10 | 23 | 8 | GN 511.1-M5-20-S/K | GN 511-M5-20 | 36 |
| 500672 | MSM-R-12-20-P-MT | 12 | 8.5 | 5.5 | M5 | 50 | 20 | 40 | 29 | 10 | 23 | 10 | GN 511.1-M5-20-S/K | GN 511-M5-20 | 45 |
| 500682 | MSM-R-15-25-P-MT | 15 | 10 | 6.5 | M6 | 62 | 25 | 49.5 | 36 | 12.5 | 29 | 12 | GN 511.1-M6-25-S/K | GN 511-M6-25 | 65 |
| 500692 | MSM-R-16-25-P-MT | 16 | 10 | 6.5 | M6 | 62 | 25 | 49.5 | 36 | 12.5 | 29 | - | GN 511.1-M6-25-S/K | GN 511-M5-25 | 70 |
| 500702 | MSM-R-20-30-P-MT | 20 | 10 | 6.5 | M6 | 70 | 30 | 55 | 39 | 15 | 33.5 | 16 | GN 511.1-M6-30-S/K | GN 511-M6-30 | 100 |

Levelling elements and supports