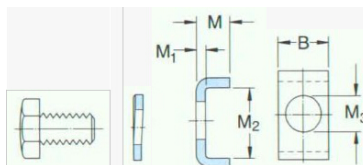
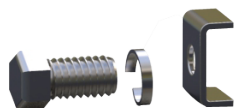


## MS locking button



| Set Button   | Designation          | Spring washers<br>(DIN128) | Dimensions |    |    |      |    | Weight |
|--------------|----------------------|----------------------------|------------|----|----|------|----|--------|
|              | hexagon headed bolts |                            | B          | M  | M1 | M2   | M3 | kg     |
| MS3044       | M6×12                | A6                         | 20         | 12 | 4  | 13,5 | 7  | 0,022  |
| MS3052-48    | M8×16                | A8                         | 20         | 12 | 4  | 17,5 | 9  | 0,024  |
| MS3056       | M8×16                | A8                         | 24         | 12 | 4  | 17,5 | 9  | 0,030  |
| MS3060       | M8×16                | A8                         | 24         | 12 | 4  | 20,5 | 9  | 0,033  |
| MS3068-64    | M8×16                | A8                         | 24         | 15 | 5  | 21   | 9  | 0,046  |
| MS3072       | M8×16                | A8                         | 28         | 15 | 5  | 20   | 9  | 0,051  |
| MS3080-76    | M10×20               | A10                        | 28         | 15 | 5  | 24   | 12 | 0,055  |
| MS3084       | M10×20               | A10                        | 32         | 15 | 5  | 24   | 12 | 0,063  |
| MS3092-88    | M12×25               | A12                        | 32         | 15 | 5  | 28   | 14 | 0,067  |
| MS30/500-96  | M12×25               | A12                        | 36         | 15 | 5  | 28   | 14 | 0,076  |
| MS30/560     | M16×30               | A16                        | 40         | 21 | 7  | 29   | 18 | 0,15   |
| MS30/600-530 | M16×30               | A16                        | 40         | 21 | 7  | 34   | 18 | 0,14   |
| MS30/630     | M16×30               | A16                        | 45         | 21 | 7  | 34   | 18 | 0,17   |
| MS30/670     | M16×30               | A16                        | 45         | 21 | 7  | 39   | 18 | 0,19   |
| MS30/710     | M16×30               | A16                        | 50         | 21 | 7  | 39   | 18 | 0,21   |
| MS30/800-750 | M16×30               | A16                        | 55         | 21 | 7  | 39   | 18 | 0,23   |
| MS30/900-850 | M20×40               | A20                        | 60         | 21 | 7  | 44   | 22 | 0,26   |
| MS30/950     | M20×40               | A20                        | 60         | 21 | 7  | 46   | 22 | 0,26   |
| MS30/1000    | M20×40               | A20                        | 60         | 21 | 7  | 51   | 22 | 0,28   |
| MS3160       | M10×20               | A10                        | 24         | 12 | 4  | 30,5 | 12 | 0,040  |
| MS3164       | M10×20               | A10                        | 24         | 15 | 5  | 31   | 12 | 0,055  |
| MS3172-68    | M12×25               | A12                        | 28         | 15 | 5  | 38   | 14 | 0,069  |

# MS locking button

|              |        |     |    |    |   |    |    |       |
|--------------|--------|-----|----|----|---|----|----|-------|
| MS3176       | M12×25 | A12 | 32 | 15 | 5 | 40 | 14 | 0,083 |
| MS3184-80    | M16×30 | A16 | 32 | 15 | 5 | 45 | 18 | 0,089 |
| MS3192-88    | M16×30 | A16 | 36 | 15 | 5 | 43 | 18 | 0,097 |
| MS3196       | M16×30 | A16 | 36 | 15 | 5 | 53 | 18 | 0,11  |
| MS31/500     | M16×30 | A16 | 40 | 15 | 5 | 45 | 18 | 0,11  |
| MS31/530     | M20×40 | A20 | 40 | 21 | 7 | 51 | 22 | 0,19  |
| MS31/600-560 | M20×40 | A20 | 45 | 21 | 7 | 54 | 22 | 0,22  |
| MS31/630     | M20×40 | A20 | 50 | 21 | 7 | 61 | 22 | 0,27  |