



*1: Setscrew head shapes have been changed from hex sockets to hexalobular sockets.

- A serration ring made of zinc die cast is inserted into the lever body made of plastic. They also realize sufficient strength for fitting with metal thread serration.
- A rich variety of thread sizes from M3 to M12 are available.
- There are three types of combinations of thread part materials / surface treatments:
 - LEM — Made of steel / ferrosferic oxide film (black)
 - LEME — Made of steel / electroless nickel plating
 - LEMS — Made of stainless steel
- LEME has electroless nickel plating applied to its thread part made of steel to enhance its corrosion resistance.
- There are three color variations for the lever part. They can be selected by the end symbol of the part number.

| End Symbol | Lever Part Color |
|------------|------------------|
| BK | Matte black |
| SG | Matte silver |
| OR | Matte orange |

Dimensions

LEM Thread part: made of steel / ferrosferic oxide film LEME Thread part: made of steel / electroless nickel plating

LEMS Thread part: stainless steel

| Part Number | Part Number | Part Number | M (Coarse) | | R | H | H' | h | s | D | d | Number of Teeth | Max.*1 load (N) | Max.*1 clamping force (kN) | Mass (g) |
|-------------|-------------|-------------|-------------------|-------|----|------|------|------|-----|------|------|-----------------|-----------------|----------------------------|-----------|
| | | | Nominal of Thread | Pitch | | | | | | | | | | | |
| LEM-3 | | LEMS-3 | M3 | 0.5 | 45 | 35.5 | 39 | 24.5 | 4.2 | 13 | 10 | 18 | 9 | 0.95 | 15 |
| LEM-4 | LEME-4 | LEMS-4 | M4 | 0.7 | 45 | 35.5 | 39 | 24.5 | 4.2 | 13 | 10 | 18 | 21 | 1.7 | 15 - 16 |
| LEM-5 | LEME-5 | LEMS-5 | M5 | 0.8 | 45 | 35.5 | 39 | 24.5 | 4.2 | 13 | 10 | 18 | 42 | 2.7 | 16 - 20 |
| LEM-6 | LEME-6 | LEMS-6 | M6 | 1 | 45 | 35.5 | 39 | 24.5 | 4.2 | 13 | 10 | 18 | 70 | 3.8 | 16 - 22 |
| LEM-6B | | LEMS-6B | M6 | 1 | 63 | 46.3 | 50.3 | 31 | 6.5 | 17.5 | 13.5 | 24 | 50 | 3.8 | 35 - 44 |
| LEM-8 | LEME-8 | LEMS-8 | M8 | 1.25 | 63 | 46.3 | 50.3 | 31 | 6.5 | 17.5 | 13.5 | 24 | 120 | 7 | 38 - 53 |
| LEM-8B | | LEMS-8B | M8 | 1.25 | 78 | 55.4 | 59.4 | 36 | 8 | 21 | 16 | 26 | 100 | 7 | 61 - 82 |
| LEM-10A | | | M10 | 1.5 | 63 | 46.3 | 50.3 | 31 | 6.5 | 17.5 | 13.5 | 24 | 240 | 11 | 43 - 84 |
| LEM-10 | LEME-10 | LEMS-10 | M10 | 1.5 | 78 | 55.4 | 59.4 | 36 | 8 | 21 | 16 | 26 | 200 | 11 | 65 - 96 |
| LEM-12A | | | M12 | 1.75 | 78 | 55.4 | 59.4 | 36 | 8 | 21 | 16 | 26 | 350 | 16 | 75 - 113 |
| LEM-12 | LEME-12 | LEMS-12 | M12 | 1.75 | 92 | 66 | 70 | 43 | 11 | 25 | 19 | 28 | 290 | 16 | 112 - 149 |

*1: About the definition of max. load / max. clamping force → P.xxxx



Material/Finish

| | LEM | LEME | LEMS |
|-------------------------|--|--------------------------------------|-------------------------|
| Lever Part | Nylon 6 (Various Color) | Nylon 6 (Various Color) | Nylon 6 (Various Color) |
| Thread Part | SUM22L Ferrosferic Oxide Film (Black) | SUM22L Electroless Nickel Plating | SUS303 |
| Setscrew | Steel Ferrosferic Oxide Film (Black) | Steel Electroless Nickel Plating | Stainless Steel |
| Serration Ring (Insert) | Zinc Die Cast | Zinc Die Cast | Zinc Die Cast |
| Spring | Stainless Steel Wire or SWPB | Stainless Steel Wire | Stainless Steel Wire |

LEM Thread part: made of steel / ferrosferic oxide film

LEME Thread part: made of steel / electroless nickel plating

LEMS Thread part: stainless steel

| Part Number | Lm (mm) | | | | | | | | | | | |
|-------------|---------|---|----|----|----|----|----|----|----|----|----|----|
| | 6 | 8 | 10 | 12 | 16 | 20 | 25 | 32 | 40 | 50 | 63 | 80 |
| LEM-3 | ● | ● | ● | ● | ● | | | | | | | |
| LEM-4 | | | ● | ● | ● | ● | ● | ● | | | | |
| LEM-5 | | | | ● | ● | ● | ● | ● | ● | ● | | |
| LEM-6 | | | | ● | ● | ● | ● | ● | ● | ● | ● | |
| LEM-6B | | | | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| LEM-8 | | | | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| LEM-8B | | | | | ● | ● | ● | ● | ● | ● | ● | ● |
| LEM-10A | | | | | | ● | ● | ● | ● | ● | ● | ● |
| LEM-10 | | | | | ● | ● | ● | ● | ● | ● | ● | ● |
| LEM-12A | | | | | | | ● | ● | ● | ● | ● | ● |
| LEM-12 | | | | | | | ● | ● | ● | ● | ● | ● |
| LEME-4 | | | ● | ● | ● | ● | ● | ● | | | | |
| LEME-5 | | | | ● | ● | ● | ● | ● | ● | ● | | |
| LEME-6 | | | | ● | ● | ● | ● | ● | ● | ● | | |
| LEME-8 | | | | ● | ● | ● | ● | ● | ● | ● | ● | |
| LEME-10 | | | | | ● | ● | ● | ● | ● | ● | ● | ● |
| LEME-12 | | | | | | | ● | ● | ● | ● | ● | ● |
| LEMS-3 | ● | ● | ● | ● | ● | | | | | | | |
| LEMS-4 | | | ● | ● | ● | ● | ● | ● | | | | |
| LEMS-5 | | | | ● | ● | ● | ● | ● | ● | ● | | |
| LEMS-6 | | | | ● | ● | ● | ● | ● | ● | ● | ● | |
| LEMS-6B | | | | | ● | ● | ● | ● | ● | ● | ● | ● |
| LEMS-8 | | | | | ● | ● | ● | ● | ● | ● | ● | ● |
| LEMS-8B | | | | | | ● | ● | ● | ● | ● | ● | ● |
| LEMS-10 | | | | | | | ● | ● | ● | ● | ● | ● |
| LEMS-12 | | | | | | | | ● | ● | ● | ● | ● |

Part number specification

LEM-6B-16-BK
 1 2 3

For 2 screw length Lm, select from the sizes marked with ● in the table.

| | | | | |
|-------------------------------------|----------------------------|----------------------------------|------------------------------|--------------------------|
| Cleanroom Wash & Packaging → P.xxxx | Screw Combination → P.xxxx | Screw Length Adjustment → P.xxxx | Vibration Resistant → P.xxxx | Laser Marking → P.xxxx |
| Please feel free to contact us | Not Available | Available / Add'l charge | Not Available | Available / Add'l charge |