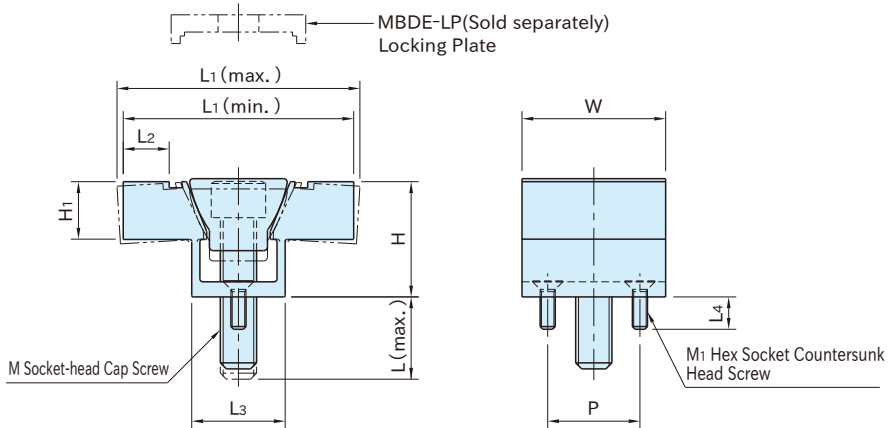


MBDES

MACHINABLE DOUBLE EDGE CLAMPS



| Jaw | Wedge |
|---|--------------------------------------|
| A7075 Alumite finished Gold Color | SUM31L Steel Black oxide finished |



| Part Number | L1 | | L2 (*) | W | H1 | H | L3 | M | L | M1 | L4 |
|----------------|-------|-------|-----------|------|------|------|------|----------|------|----|------|
| | min. | max. | | | | | | | | | |
| MBDES04 | 28.6 | 30.7 | 4.6 | 15.7 | 6.3 | 12.7 | 10.7 | M 4×0.7 | 7 | M2 | 4.5 |
| MBDES06 | 38.1 | 40.3 | 6.6 | 23.9 | 9.4 | 19.1 | 16.1 | M 6×1 | 13.5 | M4 | 5 |
| MBDES08 | 50.8 | 54.1 | 9.9 | 31.8 | 12.7 | 25.4 | 20.8 | M 8×1.25 | 15 | | 4.5 |
| MBDES12 | 76.2 | 80.3 | 15.7 | 47.5 | 19.1 | 38.1 | 30.9 | M12×1.75 | 27 | M5 | 10.5 |
| MBDES16 | 101.6 | 106.6 | 20.3 | 63.5 | 25.4 | 50.8 | 41.3 | M16×2 | 29 | M6 | 9 |

| Part Number | P | Clamping Force (N) | Allowable Screw Torque (N·m) | Weight (g) | Proper Locking Plate |
|----------------|------|--------------------|------------------------------|------------|----------------------|
| MBDES04 | 10.2 | 2,200 | 3.4 | 15 | MBDE04-LP |
| MBDES06 | 15.9 | 6,600 | 13.5 | 50 | MBDE06-LP |
| MBDES08 | 20.6 | 11,000 | 25 | 115 | MBDE08-LP |
| MBDES12 | 30.5 | 15,000 | 38.4 | 390 | MBDE12-LP |
| MBDES16 | 41.3 | 26,000 | 74.6 | 930 | MBDE16-LP |

*) The dimension L2 is the amount of machinable stock on jaws.

Features:

- Can be Machinable to the contours of parts of different shapes.
- Can hold two parts with equilateral clamping action by using a hex wrench.
- Simple and compact design permits multiple-parts holding arrangement.

How To Use

<Installation Instructions>

For machining jaws, use the Locking Plate (to be ordered separately).

1. Drill and tap a mounting hole on the center of "L1" dimension.
2. Drill and tap two mounting holes for Hex Socket Countersunk Head Screw to fix the jaw.

