

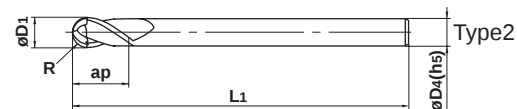
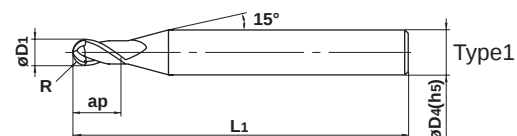
## MS PLUS END MILLS

**MP2SSB****NEW**

Ball nose, Short cut length, 2 flute, Short shank



| Carbon Steel, Alloy Steel, Cast Iron<br>(≤30HRC) | Tool Steel, Pre-Hardened Steel, Hardened Steel<br>(≤45HRC) | Hardened Steel<br>(≤55HRC) | Hardened Steel<br>(>55HRC) | Austenitic<br>Stainless Steel | Titanium Alloy,<br>Heat Resistant Alloy | Copper Alloy | Aluminium Alloy |
|--------------------------------------------------|------------------------------------------------------------|----------------------------|----------------------------|-------------------------------|-----------------------------------------|--------------|-----------------|
| ○                                                | ○                                                          | ○                          |                            | ○                             | ○                                       | ○            |                 |



|             |  |  |  |  |
|-------------|--|--|--|--|
| 0.1 ≤ R ≤ 6 |  |  |  |  |
| ±0.005      |  |  |  |  |



|              |              |              |  |  |
|--------------|--------------|--------------|--|--|
| 4 ≤ D4 ≤ 6   | 8 ≤ D4 ≤ 10  | D4 = 12      |  |  |
| 0<br>- 0.005 | 0<br>- 0.006 | 0<br>- 0.008 |  |  |

- 2-flute ball nose end mills with short cutting edge length for general use. Excellent performance for a wide range of workpiece materials such as carbon steel, alloy steel and hardened steel.

Unit : mm

| Order Number | R    | D1  | ap  | L1 | D4 | Flutes | Stock | Type |
|--------------|------|-----|-----|----|----|--------|-------|------|
| MP2SSBR0010  | 0.1  | 0.2 | 0.2 | 40 | 4  | 2      | ★     | 1    |
| R0020        | 0.2  | 0.4 | 0.4 | 40 | 4  | 2      | ★     | 1    |
| R0030        | 0.3  | 0.6 | 0.6 | 40 | 4  | 2      | ★     | 1    |
| R0040        | 0.4  | 0.8 | 0.8 | 40 | 4  | 2      | ★     | 1    |
| R0050        | 0.5  | 1   | 1   | 40 | 4  | 2      | ★     | 1    |
| R0050S06     | 0.5  | 1   | 1   | 40 | 6  | 2      | ★     | 1    |
| R0075        | 0.75 | 1.5 | 1.5 | 40 | 4  | 2      | ★     | 1    |
| R0075S06     | 0.75 | 1.5 | 1.5 | 40 | 6  | 2      | ★     | 1    |
| R0100        | 1    | 2   | 2   | 45 | 6  | 2      | ★     | 1    |
| R0150        | 1.5  | 3   | 3   | 45 | 6  | 2      | ★     | 1    |
| R0200        | 2    | 4   | 4   | 45 | 6  | 2      | ★     | 1    |
| R0250        | 2.5  | 5   | 5   | 50 | 6  | 2      | ★     | 1    |
| R0300        | 3    | 6   | 6   | 50 | 6  | 2      | ★     | 2    |
| R0400        | 4    | 8   | 8   | 60 | 8  | 2      | ★     | 2    |
| R0500        | 5    | 10  | 10  | 70 | 10 | 2      | ★     | 2    |
| R0600        | 6    | 12  | 12  | 75 | 12 | 2      | ★     | 2    |

★ : Inventory maintained in Japan.