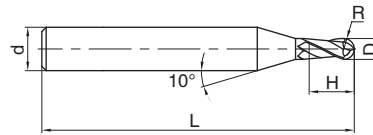


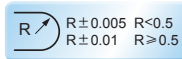
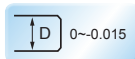
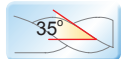
2-flute tiny ball nose end mills with straight shank



HMX-2BS



● Tiny diameter end mills can fully display high speed and high precision performances of machining center, often used for machining of precision components such as electronic part etc..



| Type | Basic dimension(mm) | | | | | Number of teeth Z | Stock |
|---------------|---------------------|------|---|-----|----|-------------------|-------|
| | D | R | d | H | L | | |
| HMX-2BS-R0.15 | 0.30 | 0.15 | 4 | 0.5 | 50 | 2 | ● |
| HMX-2BS-R0.20 | 0.40 | 0.20 | 4 | 0.6 | 50 | 2 | ● |
| HMX-2BS-R0.25 | 0.50 | 0.25 | 4 | 0.8 | 50 | 2 | ● |
| HMX-2BS-R0.30 | 0.60 | 0.30 | 4 | 0.9 | 50 | 2 | ● |
| HMX-2BS-R0.35 | 0.70 | 0.35 | 4 | 1.0 | 50 | 2 | ● |
| HMX-2BS-R0.40 | 0.80 | 0.40 | 4 | 1.2 | 50 | 2 | ● |
| HMX-2BS-R0.45 | 0.90 | 0.45 | 4 | 1.3 | 50 | 2 | ● |
| HMX-2BS-R0.50 | 1.00 | 0.50 | 4 | 1.5 | 50 | 2 | ● |
| HMX-2BS-R0.60 | 1.20 | 0.60 | 4 | 1.8 | 50 | 2 | ● |
| HMX-2BS-R0.70 | 1.40 | 0.70 | 4 | 2.0 | 50 | 2 | ● |
| HMX-2BS-R0.75 | 1.50 | 0.75 | 4 | 2.3 | 50 | 2 | ● |
| HMX-2BS-R0.80 | 1.60 | 0.80 | 4 | 2.5 | 50 | 2 | ● |
| HMX-2BS-R0.90 | 1.80 | 0.90 | 4 | 2.7 | 50 | 2 | ● |
| HMX-2BS-R1.00 | 2.00 | 1.00 | 4 | 3.0 | 50 | 2 | ● |
| HMX-2BS-R1.25 | 2.50 | 1.25 | 4 | 3.7 | 50 | 2 | ● |
| HMX-2BS-R1.50 | 3.00 | 1.50 | 4 | 4.5 | 50 | 2 | ● |

● Stock available ○ Make-to-order

Indexable milling tools
Solid carbide end mills
HMX series

➤ Applicable workpiece material table ○Very suitable ○Suitable

| Workpiece material | | | | | | | | | | | |
|--------------------|-------------|------------------------------------|--------|--------|--------|-----------------|------------------------------|--------------|----------------|----------------|----------------------|
| Carbon steel | Alloy steel | Pre-hardened steel, Hardened steel | | | | Stainless steel | Cast iron, Nodular cast iron | Copper alloy | Aluminum alloy | Titanium alloy | Heat resistant alloy |
| | | ~40HRC | ~50HRC | ~55HRC | ~68HRC | | | | | | |
| | | | ○ | ○ | ○ | | ○ | | | | |

