

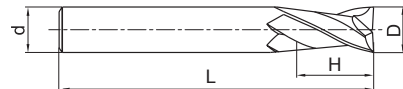
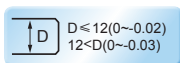
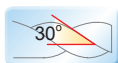
2-flute flattened end mills with straight shank



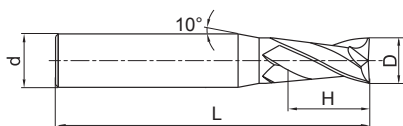
ALG-2E



- Good chip removal performance, high machining efficiency.



Picture 1



Picture 2

| Type | Basic dimension(mm) | | | | Number of teeth Z | Geometry | Stock |
|--------------|---------------------|----|----|-----|----------------------|-----------|-------|
| | D | d | H | L | | | |
| ALG-2E-D1.0 | 1.0 | 4 | 3 | 50 | 2 | Picture 2 | ○ |
| ALG-2E-D1.5 | 1.5 | 4 | 4 | 50 | 2 | Picture 2 | ○ |
| ALG-2E-D2.0 | 2.0 | 4 | 6 | 50 | 2 | Picture 2 | ○ |
| ALG-2E-D2.5 | 2.5 | 4 | 8 | 50 | 2 | Picture 2 | ○ |
| ALG-2E-D3.0S | 3.0 | 4 | 8 | 50 | 2 | Picture 2 | ○ |
| ALG-2E-D3.0 | 3.0 | 6 | 8 | 50 | 2 | Picture 2 | ○ |
| ALG-2E-D3.5S | 3.5 | 4 | 10 | 50 | 2 | Picture 2 | ○ |
| ALG-2E-D3.5 | 3.5 | 6 | 10 | 50 | 2 | Picture 2 | ○ |
| ALG-2E-D4.0S | 4.0 | 4 | 11 | 50 | 2 | Picture 1 | ○ |
| ALG-2E-D4.0 | 4.0 | 6 | 11 | 50 | 2 | Picture 2 | ○ |
| ALG-2E-D4.5 | 4.5 | 6 | 11 | 50 | 2 | Picture 2 | ○ |
| ALG-2E-D5.0 | 5.0 | 6 | 13 | 50 | 2 | Picture 2 | ○ |
| ALG-2E-D5.5 | 5.5 | 6 | 16 | 50 | 2 | Picture 2 | ○ |
| ALG-2E-D6.0 | 6.0 | 6 | 16 | 50 | 2 | Picture 1 | ○ |
| ALG-2E-D7.0 | 7.0 | 8 | 20 | 60 | 2 | Picture 2 | ○ |
| ALG-2E-D8.0 | 8.0 | 8 | 20 | 60 | 2 | Picture 1 | ○ |
| ALG-2E-D9.0 | 9.0 | 10 | 22 | 75 | 2 | Picture 2 | ○ |
| ALG-2E-D10.0 | 10.0 | 10 | 25 | 75 | 2 | Picture 1 | ○ |
| ALG-2E-D11.0 | 11.0 | 12 | 26 | 75 | 2 | Picture 2 | ○ |
| ALG-2E-D12.0 | 12.0 | 12 | 30 | 75 | 2 | Picture 1 | ○ |
| ALG-2E-D14.0 | 14.0 | 14 | 32 | 75 | 2 | Picture 1 | ○ |
| ALG-2E-D16.0 | 16.0 | 16 | 45 | 100 | 2 | Picture 1 | ○ |
| ALG-2E-D18.0 | 18.0 | 18 | 45 | 100 | 2 | Picture 1 | ○ |
| ALG-2E-D20.0 | 20.0 | 20 | 45 | 100 | 2 | Picture 1 | ○ |

● Stock available ○ Make-to-order

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 | | | | | | |
| | | | | | | | ● | ● | | | |

Code key

B258

Graphics category and identification

B259

Cutting parameters

B555

Non-standard customization

B570-B571

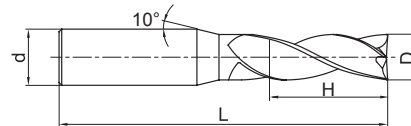
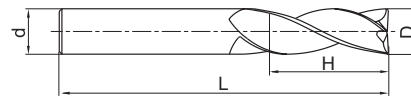
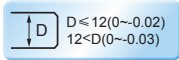
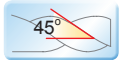
3-flute flattened end mills with straight shank



ALG-3E



● Good chip removal performance, can achieve high-precision machining.



| Type | Basic dimension(mm) | | | | Number of teeth Z | Geometry | Stock |
|--------------|---------------------|----|----|-----|-------------------|-----------|-------|
| | D | d | H | L | | | |
| ALG-3E-D1.0 | 1.0 | 4 | 3 | 50 | 3 | Picture 2 | ○ |
| ALG-3E-D1.5 | 1.5 | 4 | 4 | 50 | 3 | Picture 2 | ○ |
| ALG-3E-D2.0 | 2.0 | 4 | 6 | 50 | 3 | Picture 2 | ○ |
| ALG-3E-D2.5 | 2.5 | 4 | 8 | 50 | 3 | Picture 2 | ○ |
| ALG-3E-D3.0S | 3.0 | 4 | 8 | 50 | 3 | Picture 2 | ○ |
| ALG-3E-D3.0 | 3.0 | 6 | 8 | 50 | 3 | Picture 2 | ○ |
| ALG-3E-D4.0S | 4.0 | 4 | 11 | 50 | 3 | Picture 1 | ○ |
| ALG-3E-D4.0 | 4.0 | 6 | 11 | 50 | 3 | Picture 2 | ○ |
| ALG-3E-D4.5 | 4.5 | 6 | 11 | 50 | 3 | Picture 2 | ○ |
| ALG-3E-D5.0 | 5.0 | 6 | 13 | 50 | 3 | Picture 2 | ○ |
| ALG-3E-D5.5 | 5.5 | 6 | 16 | 50 | 3 | Picture 2 | ○ |
| ALG-3E-D6.0 | 6.0 | 6 | 16 | 50 | 3 | Picture 1 | ○ |
| ALG-3E-D7.0 | 7.0 | 8 | 20 | 60 | 3 | Picture 2 | ○ |
| ALG-3E-D8.0 | 8.0 | 8 | 20 | 60 | 3 | Picture 1 | ○ |
| ALG-3E-D9.0 | 9.0 | 10 | 22 | 75 | 3 | Picture 2 | ○ |
| ALG-3E-D10.0 | 10.0 | 10 | 25 | 75 | 3 | Picture 1 | ○ |
| ALG-3E-D11.0 | 11.0 | 12 | 26 | 75 | 3 | Picture 2 | ○ |
| ALG-3E-D12.0 | 12.0 | 12 | 30 | 75 | 3 | Picture 1 | ○ |
| ALG-3E-D14.0 | 14.0 | 14 | 32 | 75 | 3 | Picture 1 | ○ |
| ALG-3E-D16.0 | 16.0 | 16 | 45 | 100 | 3 | Picture 1 | ○ |
| ALG-3E-D18.0 | 18.0 | 18 | 45 | 100 | 3 | Picture 1 | ○ |
| ALG-3E-D20.0 | 20.0 | 20 | 45 | 100 | 3 | Picture 1 | ○ |

● Stock available ○ Make-to-order

➤ 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 | | | | | | |
| | | | | | | | | ○ | ○ | | |

Code key **B258**

Graphics category and identification **B259**

Cutting parameters **B556**

Non-standard customization **B570-B571**

Indexable milling tools
Solid carbide end mills
ALG series