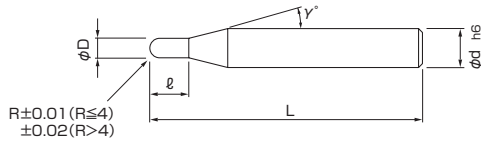


2-Flute Ball End Mill



- この規格・サイズは、特定商社在庫となります。詳しくはお問い合わせ下さい。
- Semi-standard item, please inquire for price and delivery.

| 被削材 Work Material | | | | | | | | | |
|----------------------|-------------------------------------|-----------------------------------|--------------------------|---------|----------------------------|-------------------------|-------------------|---------------|---------------|
| 炭素鋼 Carbon Steels | 合金鋼・工具鋼 Alloy Steels・Tool Steels | プリハードン鋼・調質鋼 Prehardened Steels | 焼き入れ鋼 Hardened Steels | | ステンレス鋼 Stainless Steels | チタン合金 Titanium Alloy | アルミ合金 Aluminum | 銅合金 Copper | 樹脂 Plastic |
| | | | ~ 55HRC | 55HRC ~ | | | | | |
| ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | |

単位 [寸法 : mm]

Unit [size : mm]

| コードNo. Code No. | 内ボール半径 Radius | (ℓ)刃長 Length of Cut | (D)刃径 Dia. | (γ)首角 Neck Taper Angle | (d)シャンク径 Shank Dia. | (L)全長 Overall Length | 標準価格 Retail Price |
|--------------------|------------------|------------------------|---------------|---------------------------|------------------------|-------------------------|----------------------|
| 01-00523-00100 | R1 | 3 | 2 | 9° | 4 | 60 | (8,200) |
| 01-00523-00105 | R1.05 | 3.5 | 2.1 | 9° | 4 | 60 | (11,700) |
| 01-00523-00110 | R1.1 | 3.5 | 2.2 | 9° | 4 | 60 | (11,700) |
| 01-00523-00115 | R1.15 | 3.5 | 2.3 | 9° | 4 | 60 | (11,700) |
| 01-00523-00120 | R1.2 | 3.5 | 2.4 | 9° | 4 | 60 | (11,700) |
| 01-00523-00125 | R1.25 | 3.5 | 2.5 | 9° | 4 | 60 | (11,700) |
| 01-00523-00130 | R1.3 | 4 | 2.6 | 9° | 6 | 60 | (13,400) |
| 01-00523-00135 | R1.35 | 4 | 2.7 | 9° | 6 | 60 | (13,400) |
| 01-00523-00140 | R1.4 | 4 | 2.8 | 9° | 6 | 60 | (13,400) |
| 01-00523-00145 | R1.45 | 4 | 2.9 | 9° | 6 | 60 | (13,400) |
| 01-00523-00150 | R1.5 | 4 | 3 | 9° | 6 | 60 | (9,000) |
| 01-00523-00155 | R1.55 | 5 | 3.1 | 9° | 6 | 60 | (13,400) |
| 01-00523-00160 | R1.6 | 5 | 3.2 | 9° | 6 | 60 | (13,400) |
| 01-00523-00165 | R1.65 | 5 | 3.3 | 9° | 6 | 60 | (13,400) |
| 01-00523-00170 | R1.7 | 5 | 3.4 | 9° | 6 | 60 | (13,400) |
| 01-00523-00175 | R1.75 | 5 | 3.5 | 9° | 6 | 60 | (13,400) |
| 01-00523-00180 | R1.8 | 6 | 3.6 | 9° | 6 | 60 | (13,400) |
| 01-00523-00185 | R1.85 | 6 | 3.7 | 9° | 6 | 60 | (13,400) |
| 01-00523-00190 | R1.9 | 6 | 3.8 | 9° | 6 | 60 | (13,400) |
| 01-00523-00195 | R1.95 | 6 | 3.9 | 9° | 6 | 60 | (13,400) |
| 01-00523-00200 | R2 | 6 | 4 | 9° | 6 | 60 | (9,000) |
| 01-00523-00205 | R2.05 | 8 | 4.1 | 9° | 6 | 60 | (15,000) |
| 01-00523-00210 | R2.1 | 8 | 4.2 | 9° | 6 | 60 | (15,000) |
| 01-00523-00215 | R2.15 | 8 | 4.3 | 9° | 6 | 60 | (15,000) |
| 01-00523-00220 | R2.2 | 8 | 4.4 | 9° | 6 | 60 | (15,000) |
| 01-00523-00225 | R2.25 | 8 | 4.5 | 9° | 6 | 60 | (15,000) |
| 01-00523-00230 | R2.3 | 8 | 4.6 | 9° | 6 | 60 | (15,000) |
| 01-00523-00235 | R2.35 | 8 | 4.7 | 9° | 6 | 60 | (15,000) |
| 01-00523-00240 | R2.4 | 8 | 4.8 | 9° | 6 | 60 | (15,000) |
| 01-00523-00245 | R2.45 | 8 | 4.9 | 9° | 6 | 60 | (15,000) |

| コードNo. Code No. | 内ボール半径 Radius | (ℓ)刃長 Length of Cut | (D)刃径 Dia. | (γ)首角 Neck Taper Angle | (d)シャンク径 Shank Dia. | (L)全長 Overall Length | 標準価格 Retail Price |
|--------------------|------------------|------------------------|---------------|---------------------------|------------------------|-------------------------|----------------------|
| 01-00523-00250 | R2.5 | 8 | 5 | 9° | 6 | 60 | (10,500) |
| 01-00523-00255 | R2.55 | 10 | 5.1 | 9° | 6 | 80 | (16,400) |
| 01-00523-00260 | R2.6 | 10 | 5.2 | 9° | 6 | 80 | (16,400) |
| 01-00523-00265 | R2.65 | 10 | 5.3 | 9° | 6 | 80 | (16,400) |
| 01-00523-00270 | R2.7 | 10 | 5.4 | 9° | 6 | 80 | (16,400) |
| 01-00523-00275 | R2.75 | 10 | 5.5 | 9° | 6 | 80 | (16,400) |
| 01-00523-00280 | R2.8 | 10 | 5.6 | 9° | 6 | 80 | (16,400) |
| 01-00523-00285 | R2.85 | 10 | 5.7 | 9° | 6 | 80 | (16,400) |
| 01-00523-00290 | R2.9 | 10 | 5.8 | 9° | 6 | 80 | (16,400) |
| 01-00523-00295 | R2.95 | 10 | 5.9 | 9° | 6 | 80 | (16,400) |
| 01-00523-00300 | R3 | 10 | 6 | — | 6 | 80 | (11,000) |
| 01-00523-00310 | R3.1 | 13 | 6.2 | 9° | 8 | 90 | (25,500) |
| 01-00523-00320 | R3.2 | 13 | 6.4 | 9° | 8 | 90 | (25,500) |
| 01-00523-00330 | R3.3 | 13 | 6.6 | 9° | 8 | 90 | (25,500) |
| 01-00523-00340 | R3.4 | 13 | 6.8 | 9° | 8 | 90 | (25,500) |
| 01-00523-00350 | R3.5 | 13 | 7 | 9° | 8 | 90 | (25,500) |
| 01-00523-00360 | R3.6 | 13 | 7.2 | 9° | 8 | 90 | (25,500) |
| 01-00523-00370 | R3.7 | 13 | 7.4 | 9° | 8 | 90 | (25,500) |
| 01-00523-00380 | R3.8 | 13 | 7.6 | 9° | 8 | 90 | (25,500) |
| 01-00523-00390 | R3.9 | 13 | 7.8 | 9° | 8 | 90 | (25,500) |
| 01-00523-00400 | R4 | 13 | 8 | — | 8 | 90 | (15,800) |
| 01-00523-00410 | R4.1 | 15 | 8.2 | 9° | 10 | 100 | (32,800) |
| 01-00523-00420 | R4.2 | 15 | 8.4 | 9° | 10 | 100 | (32,800) |
| 01-00523-00430 | R4.3 | 15 | 8.6 | 9° | 10 | 100 | (32,800) |
| 01-00523-00440 | R4.4 | 15 | 8.8 | 9° | 10 | 100 | (32,800) |
| 01-00523-00450 | R4.5 | 15 | 9 | 9° | 10 | 100 | (32,800) |
| 01-00523-00460 | R4.6 | 15 | 9.2 | 9° | 10 | 100 | (32,800) |
| 01-00523-00470 | R4.7 | 15 | 9.4 | 9° | 10 | 100 | (32,800) |
| 01-00523-00480 | R4.8 | 15 | 9.6 | 9° | 10 | 100 | (32,800) |
| 01-00523-00490 | R4.9 | 15 | 9.8 | 9° | 10 | 100 | (32,800) |

オーダー方法 NSB-2X ボール半径寸法(R)を指示して下さい。
When you order, indicate NSB-2X (R).

※(γ)は参考値です。
※(γ) is reference value.

- 切削条件表はP293に記載
- Recommended Milling Conditions are shown on page 293.

CBN
Cubic Boron
Nitride

ダイヤモンド
Diamond

スクエア
Square

ロングネック
スクエア
Long Neck
Square

ボール
Ball

ロングネック
ボール
Long Neck
Ball

テーパ
Taper

テーパ
ボール
Taper Ball

ラジアス
Corner R

ロングネック
ラジアス
Long Neck
Corner R

総型
Formed
Cutter

ドリル
Drill

その他
Others

技術資料
Technical Data

参考資料
Technical Guidance