

G-LIST No. | EW1394

NEW SIZES

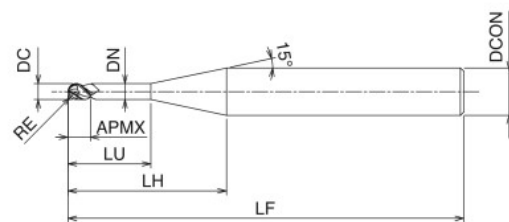
アディティブ・マニファクチャリング用エンドミル ボールタイプ
End Mills for Additive Manufacturing Ball Type

AM-EBT

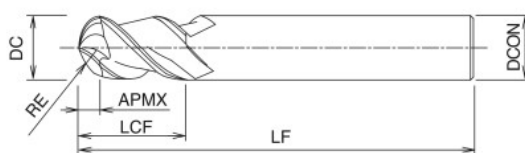
切削条件 Cutting Conditions | P627



Type 1



Type 2



CARBIDE DUROREY ±0.01 SHRINK FIT 30°

(単位:mm) (Unit:mm)

| ツール No. EDP No. | ボール半径×外径×首下長 RE × DC × LU | 全長 LF | 刃長 APMX | 有効溝長 LCF | LH | 沖径 DCON | 首径 DN | 刃数 ZEPF | 干渉角度 θ k | ワーク勾配角αに対する実有効長(Le) | | | | | 形状 Type | 在庫 Stock | 重量 (g) | 標準価格 (Yen) | | | | | | | | | | | | |
|--------------------|------------------------------|----------|------------|-------------|------|------------|----------|------------|-------------|---------------------|-------|-------|-------|-------|------------|-------------|-----------|---------------|---|---|-------|---|---|-------|---|---|-------|---|---|-------|
| | | | | | | | | | | 0.5° | 1° | 1.5° | 2° | 3° | | | | | | | | | | | | | | | | |
| ※ 3187240 | R1 × 2 × 4 | 60 | 2 | - | 11.9 | 6 | 1.95 | 3 | 10.64° | 4.19 | 4.3 | 4.42 | 4.55 | 4.85 | 1 | ● | - | 4,040 | | | | | | | | | | | | |
| ※ 3187280 | R1 × 2 × 8 | 60 | 2 | - | 15.9 | 6 | 1.95 | | 7.79° | 8.33 | 8.58 | 8.86 | 9.15 | 9.82 | | | | B | ● | - | 4,820 | | | | | | | | | |
| ※ 3187360 | R1.5 × 3 × 6 | 60 | 3 | - | 11.8 | 6 | 2.85 | | 8.15° | 6.44 | 6.61 | 6.79 | 7 | 7.45 | | | | | | | ● | - | - | 4,790 | | | | | | |
| ※ 3187392 | R1.5 × 3 × 12 | 60 | 3 | - | 17.8 | 6 | 2.85 | | 5.22° | 12.64 | 13.03 | 13.44 | 13.89 | 14.91 | | | | | | | | | | ● | - | - | 5,750 | | | |
| ※ 3187408 | R2 × 4 × 8 | 60 | 4 | - | 12 | 6 | 3.85 | | 5.65° | 8.49 | 8.71 | 8.96 | 9.22 | 9.81 | | | | | | | | | | | | | ● | - | - | 5,000 |
| ※ 3187416 | R2 × 4 × 16 | 60 | 4 | - | 20 | 6 | 3.85 | | 3.17° | 16.76 | 17.27 | 17.82 | 18.42 | 19.76 | | | | | | | | | | | | | | | | ● |
| ※ 3187510 | R2.5 × 5 × 10 | 60 | 5 | - | 12.1 | 6 | 4.85 | | 2.95° | 10.54 | 10.82 | 11.12 | 11.45 | - | ● | - | - | | | | | | | | | | | | | |
| ※ 3187520 | R2.5 × 5 × 20 | 60 | 5 | - | 22.1 | 6 | 4.85 | | 1.46° | 20.87 | 21.52 | - | - | - | | | | ● | - | - | | | | | | | | | | |
| 3188060 | R3 × 6 | 60 | 3 | 9 | - | 6 | - | | - | - | - | - | - | - | | | | | | | 2 | ● | - | | | | | | | |
| 3188080 | R4 × 8 | 70 | 4 | 12 | - | 8 | - | | - | - | - | - | - | - | | | | | | | | | | ● | - | - | | | | |
| 3188100 | R5 × 10 | 80 | 5 | 15 | - | 10 | - | | - | - | - | - | - | - | | | | | | | | | | | | | ● | - | - | |
| 3188120 | R6 × 12 | 90 | 6 | 18 | - | 12 | - | | - | - | - | - | - | - | | | | | | | | | | | | | | | | ● |
| 3188160 | R8 × 16 | 105 | 8 | 24 | - | 16 | - | | - | - | - | - | - | - | ● | - | - | | | | | | | | | | | | | |
| 3188200 | R10 × 20 | 110 | 10 | 30 | - | 20 | - | | - | - | - | - | - | - | | | | ● | - | - | | | | | | | | | | |

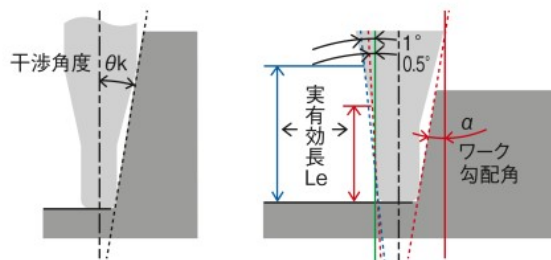
切削油剤はP1255をご参照下さい。 Cutting Fluid: Please refer to P1255.

※=NEW SIZES

ラジアスタイプ(AM-CRE)はP.378をご覧下さい。
See page 378 for AM-CRE

ワーク勾配角αに対する実有効長(Le)

Effective Neck length (Le) depending on Inclined Angle (α) of workpiece



実有効長欄に数値のないものは干渉なしを表します。

No numerical value means no interference with workpiece.

| 被削材質 Work Material | 炭素鋼 Carbon Steel | 合金鋼 Alloy Steel | プリハードン鋼 Prehardened Steel | ステンレス鋼 Stainless Steel | 鋳鉄 Cast Iron | 銅合金 Copper Alloy | アルミ合金 Aluminum Alloy | グラファイト Graphite | チタン合金 Titanium Alloy | 耐熱合金 Heat Resistant Alloy | プラスチック Plastic | コバルトクロム基 Cobalt Chromium Based Alloy | Ni 基合金 Ni-based Alloy (Inconel 718) |
|-----------------------|------------------------------|--------------------|------------------------------|---------------------------|-----------------|---------------------|-------------------------|--------------------|-------------------------|------------------------------|-------------------|---|--|
| 製品記号 Abbreviation | プリハードン鋼 Prehardened Steel | 工具鋼 Tool Steel | 焼き入れ鋼 Hardened Steel | ~40HRC | ~45HRC | ~55HRC | ~60HRC | ~70HRC | ~35HRC | ~350HB | | | |
| AM-EBT | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |

在庫記号について Inventory symbols

● = 標準在庫品
standard stock item

□ = 特定代理店在庫品
Stocked by specific distributors. Contact us for price & availability.

▲ = 新製品及び後継品へ切り替え生産(在庫をご確認下さい。)
Scheduled to be replaced by new product or successor item

△ = 2019年6月以降、生産中止(在庫をご確認下さい。)
To be discontinued after June 2019