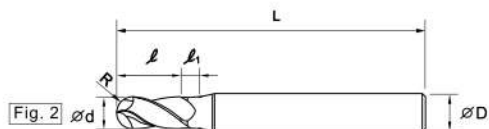
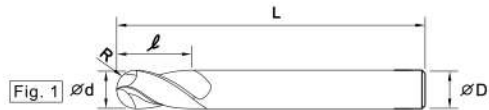


# TG3003 難切削材專用球刀30°-3刃

## Ball End Mills For Hard Work Materials 30°-3 Flutes

| 碳素鋼<br>Carbon Steel | 合金鋼<br>Alloy Steel | 模具鋼<br>Mold Steel | 調質鋼<br>Refining Steel | 淬火鋼<br>Quenching Hardening Steel |           |           | 鑄鋼<br>Cast Steel | 鑄鐵<br>Cast Iron | 黃銅<br>Brass | 青銅<br>Bronze | 紅銅<br>Copper | 鋁合金<br>Aluminum Alloy | 不銹鋼<br>Stainless Steel |     |     | 鈦合金<br>Titanium Alloy | 鎳基合金<br>Nickel Alloy |
|---------------------|--------------------|-------------------|-----------------------|----------------------------------|-----------|-----------|------------------|-----------------|-------------|--------------|--------------|-----------------------|------------------------|-----|-----|-----------------------|----------------------|
| S_C                 | SCM                | SKD               | HRC 20~30             | HRC 30~40                        | HRC 40~50 | HRC 50~60 | SC               | FC FCD          | BS          | PB           | CU           | AL                    | 300                    | 400 | 600 | TI                    |                      |
| ○                   | ○                  |                   |                       |                                  |           |           |                  | ○               |             |              |              |                       | ◎                      | ○   | ○   | ◎                     | ○                    |

○ 適用 ◎ 專用



### TG3003E X2D

單位:mm(Unit:mm)

| 刀具料號<br>Model No. | 刃徑<br>d<br>Diameter | R角<br>R<br>Radius | 刃長<br>l<br>Flute Length | 頸長<br>l1<br>Neck Length | 全長<br>L<br>Overall Length | 柄徑<br>D<br>Shank Diameter | 形狀<br>Figure | 在庫 |
|-------------------|---------------------|-------------------|-------------------------|-------------------------|---------------------------|---------------------------|--------------|----|
| TG3003EB10B       | 1                   | 0.5R              | 2                       | 1                       | 50                        | 4                         | Fig. 2       | ●  |
| TG3003EB15B       | 1.5                 | 0.75R             | 3                       | 1.5                     | 50                        | 4                         | Fig. 2       | ●  |
| TG3003EB20B       | 2                   | 1R                | 4                       | 1.5                     | 50                        | 4                         | Fig. 2       | ●  |
| TG3003EB25B       | 2.5                 | 1.25R             | 5                       | 2                       | 50                        | 4                         | Fig. 2       | ●  |
| TG3003EB30B       | 3                   | 1.5R              | 6                       | 2                       | 50                        | 4                         | Fig. 2       | ●  |
| TG3003EB40B       | 4                   | 2R                | 8                       | -                       | 50                        | 4                         | Fig. 1       | ●  |
| TG3003EC10B       | 1                   | 0.5R              | 2                       | 1                       | 50                        | 6                         | Fig. 2       | ●  |
| TG3003EC15B       | 1.5                 | 0.75R             | 3                       | 1.5                     | 50                        | 6                         | Fig. 2       | ●  |
| TG3003EC20B       | 2                   | 1R                | 4                       | 1.5                     | 50                        | 6                         | Fig. 2       | ●  |
| TG3003EC25B       | 2.5                 | 1.25R             | 5                       | 2                       | 50                        | 6                         | Fig. 2       | ●  |
| TG3003EC30B       | 3                   | 1.5R              | 6                       | 2                       | 50                        | 6                         | Fig. 2       | ●  |
| TG3003EC40B       | 4                   | 2R                | 8                       | 2.5                     | 50                        | 6                         | Fig. 2       | ●  |
| TG3003EC50B       | 5                   | 2.5R              | 10                      | 3                       | 50                        | 6                         | Fig. 2       | ●  |
| TG3003EC60B       | 6                   | 3R                | 12                      | -                       | 50                        | 6                         | Fig. 1       | ●  |
| TG3003ED70B       | 7                   | 3.5R              | 14                      | 3.5                     | 60                        | 8                         | Fig. 2       | ●  |
| TG3003ED80B       | 8                   | 4R                | 16                      | -                       | 60                        | 8                         | Fig. 1       | ●  |
| TG3003EE90B       | 9                   | 4.5R              | 18                      | 4.5                     | 75                        | 10                        | Fig. 2       | ●  |
| TG3003EE10B       | 10                  | 5R                | 20                      | -                       | 75                        | 10                        | Fig. 1       | ●  |
| TG3003EF12B       | 12                  | 6R                | 24                      | -                       | 75                        | 12                        | Fig. 1       | ●  |
| TG3003EI16B       | 16                  | 8R                | 32                      | -                       | 100                       | 16                        | Fig. 1       | ●  |
| TG3003EK20B       | 20                  | 10R               | 40                      | -                       | 100                       | 20                        | Fig. 1       | ●  |

○: 接單生產品 ●: 在庫品 ▲: 訂製品