

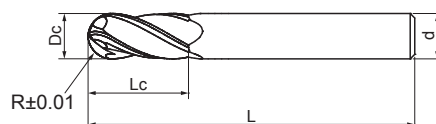
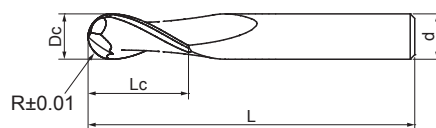
Ball Nose End Mills 2&4 Flute Center Cutting

MG
Carbide

Bright
TiAIN


Code No: B280-DC / B281-DC

Code No: B282-DC / B284-DC



Work Material

| P | H | M | K | N | S |
|---|---|---|---|---|---|
| ● | ○ | ○ | ○ | ○ | ○ |

| | |
|----------|-------|
| P | Steel |
|----------|-------|

| | |
|----------|-----------------|
| M | Stainless Steel |
|----------|-----------------|

| | |
|----------|-----------|
| K | Cast Iron |
|----------|-----------|

| | |
|----------|-----------|
| N | Aluminium |
|----------|-----------|

| | |
|----------|--------|
| N | Copper |
|----------|--------|

| | |
|----------|----------|
| N | Plastics |
|----------|----------|

| | |
|----------|----------|
| S | Titanium |
|----------|----------|

| | |
|----------|--------|
| S | Nickel |
|----------|--------|

Tolerance: DC

All Sizes: +0/-0.03mm

Feature of product:

Provide better rigidity and heat resistant.

Use for high speed applications on cast iron, nonferrous materials, plastics and other tough-to-machine materials.

TiAIN is one of the abrasive resistant coatings. It is commonly used for machining aircraft and aerospace material, Nickel Alloys, Stainless Steels, Titanium, Cast Iron and Steel.

Long Length

| Dc 0 -0.03 | R ±0.01 | Lc mm | L mm | d h6 | Bright B280 | TiAIN B280F | Bright B281 | TiAIN B281F |
|------------------|------------|----------|---------|---------|----------------|----------------|----------------|----------------|
| 3 | 1.5R | 20 | 57 | 3 | ● | ● | ● | ● |
| 4 | 2R | 20 | 57 | 4 | ● | ● | ● | ● |
| 5 | 2.5R | 25 | 63 | 5 | ● | ● | ● | ● |
| 6 | 3R | 28 | 75 | 6 | ● | ● | ● | ● |
| 7 | 3.5R | 30 | 75 | 8 | ● | ● | ● | ● |
| 8 | 4R | 30 | 75 | 8 | ● | ● | ● | ● |
| 9 | 4.5R | 32 | 75 | 10 | ● | ● | ● | ● |
| 10 | 5R | 32 | 75 | 10 | ● | ● | ● | ● |
| 12 | 6R | 50 | 100 | 12 | ● | ● | ● | ● |
| 14 | 7R | 57 | 127 | 14 | ● | ● | ● | ● |
| 16 | 8R | 57 | 127 | 16 | ● | ● | ● | ● |
| 20 | 10R | 57 | 127 | 20 | ● | ● | ● | ● |

Extra Long Length

| Dc 0 -0.03 | R ±0.01 | Lc m | L mm | d h6 | Bright B282 | TiAIN B282F | Bright B284 | TiAIN B284F |
|------------------|------------|---------|---------|---------|----------------|----------------|----------------|----------------|
| 3 | 1.5R | 25 | 75 | 3 | ● | ● | ● | ● |
| 4 | 2R | 28 | 75 | 4 | ● | ● | ● | ● |
| 5 | 2.5R | 32 | 75 | 5 | ● | ● | ● | ● |
| 6 | 3R | 38 | 100 | 6 | ● | ● | ● | ● |
| 8 | 4R | 42 | 100 | 8 | ● | ● | ● | ● |
| 10 | 5R | 45 | 100 | 10 | ● | ● | ● | ● |
| 12 | 6R | 75 | 150 | 12 | ● | ● | ● | ● |
| 14 | 7R | 80 | 150 | 14 | ● | ● | ● | ● |
| 16 | 8R | 80 | 150 | 16 | ● | ● | ● | ● |
| 20 | 10R | 80 | 150 | 20 | ● | ● | ● | ● |