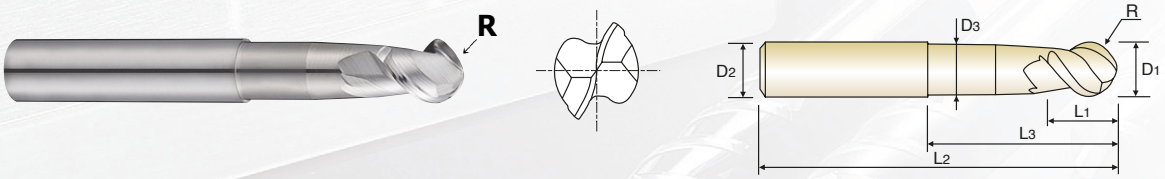
# CARBIDE, 2FLUTE 50° HELIX BALL NOSE WITH NECK

▶ Excellent cutting qualities on aluminum, copper
▶ Increased tool life and higher cutting accuracy







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## E5910 SERIES / PLAIN SHANK

Unit : mm

| EDP No. | Radius of Ball Nose | Mill Diameter | Shank Diameter | Length of Cut | Length Below Shank | Overall Length | Neck Diameter |
|---|---|---|---|---|---|---|---|
| | R (±0.01) | D1 | D2 | L1 | L3 | L2 | D3 |
| E5910060 | R3.0 | 6.0 | 6 | 5.5 | 25 | 55 | 5.4 |
| E5910080 | R4.0 | 8.0 | 8 | 7 | 30 | 65 | 7.2 |
| E5910100 | R5.0 | 10.0 | 10 | 8.5 | 35 | 75 | 9 |
| E5910120 | R6.0 | 12.0 | 12 | 10.5 | 40 | 75 | 11 |
| E5910160 | R8.0 | 16.0 | 16 | 14 | 50 | 90 | 14.5 |
| E5910200 | R10.0 | 20.0 | 20 | 17 | 50 | 100 | 18 |

▶ TiN, TiCN-COATING & TiAlN-COATING are available on your request.

| Mill Dia. Tolerance(mm) | Shank Dia. Tolerance |
|---|---|
| ±0.02 | h6 |

◎ : Excellent ○ : Good

| Carbon Steels | Alloy Steels | Prehardened Steels | Hardened Steels | | High Hardened Steels | Copper | Graphite | Cast Iron | Aluminum | Stainless Steels | Titanium | Acrylic |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ~HB225 | HB225~325 | HRc30~40 | HRc40~45 | HRc45~55 | HRc55~70 | | | | | | | |
| | | | | | | ○ | | | ◎ | | | |