

GC - Ball Nose End Mills - For Mold Steel 2-Flutes - 30° Helix



Applicable table of machinable materials

P		H				M	K	N		S	
Carbon steel	Alloy steel	Prehardened steel, Hardened steel				Stainless steel	Cast iron, Ductile cast iron ~350HB	Copper alloy	Aluminum alloy	Titanium alloy	Heat-resistant alloy
Pre hardened steel	Tool steel										
~40HRC		~45HRC	~55HRC	~60HRC	~65HRC	~35HRC					
●		●	●	○	○	○	○	○	○	○	○

● Highly Suitable ○ Suitable

Product specifications

Unit: mm

Item Code	Radius R	Flute Length L1	Shank Diameter D	Overall Length L
GC-2R001	R0.5	2	4	50
GC-2R002	R0.75	3	4	50
GC-2R003	R1	4	4	50
GC-2R004	R1.5	7	4	50
GC-2R005	R2	8	4	50
GC-2R006	R3	12	6	50
GC-2R007	R4	16	8	60
GC-2R008	R5	20	10	75
GC-2R009	R6	24	12	75
GC-2R010	R2	8	4	75
GC-2R011	R3	12	6	75
GC-2R012	R4	16	8	75
GC-2R013	R3	12	6	100
GC-2R014	R4	16	8	100
GC-2R015	R5	20	10	100
GC-2R016	R6	24	12	100

d1 (Cutter Diameter)	Tolerance
$\phi < 3$	0 ~ -0.01
$3 \leq \phi \leq 10$	0 ~ -0.01
$\phi > 10$	0 ~ -0.015