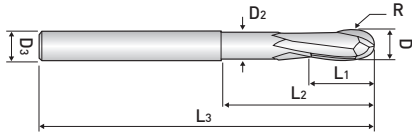


Endmills for high speed & general cutting ZAMUS CLASSIC Series



2 FLUTE, 15° HELIX STUB CUT LENGTH, BALL NOSE with EXTENDED NECK

- Designed to machine tool steel, alloy steel, mold steel and other high hardened materials.
- Suitable for copy milling.

DB412 ...series



ULTRA FINE



HELIX



±0.01



A/TiN



p.968

EDP. No.	D	R	L ₁	L ₂	L ₃	D ₂	D ₃
DB412010	1	0.5	1	3	50	0.95	4
DB412015	1.5	0.75	2	5	50	1.4	4
DB412020	2	1	3	6	50	1.9	6
DB412030S	3	1.5	4	8	50	2.9	4
DB412030L					75		6
DB412040S	4	2	5	10	50	3.9	4
DB412040L					75		6
DB412050	5	2.5	5	10	50	4.9	6
DB412060S	6	3	6	12	50	5.9	6
DB412060L				16	100		
DB412080	8	4	8	16	60	7.9	8
DB412080L				25	100		
DB412100	10	5	10	20	70	9.9	10
DB412100L				30	100		

※ These tools are manufactured based on order received.

■ Applicable Working Material

Carbon Steels (S45C, S55C...) ~HB225	Alloy Steels (SCM, SK...) HB225~325	Prehardened Steels(NAK...) HRC30~50	Hardened Steels		Copper	Graphite	Cast Iron FCD400, 500~	Aluminum	Stainless Steels
			~HRc55 SKD61	~HRc55 SKD11					
○	○	◎	○				○		○

○:General Application ◎:The most suitable Application

■ Tolerance

Mill Dia. (mm)	Shank Dia.
0 ~ -0,03	h6

※:Items can be changed for quality improvement without notice.