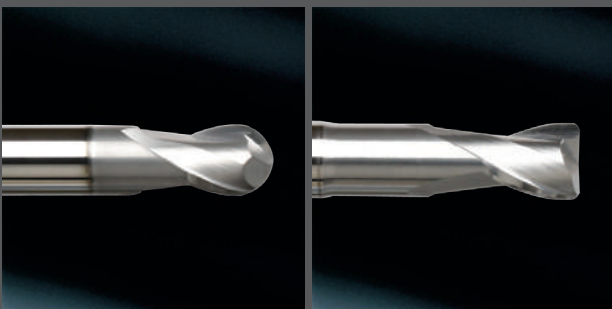




Endmill for non-ferrous Metal Machining



ZAMUS COPPER MATE SERIES

ENDMILL
SERIES

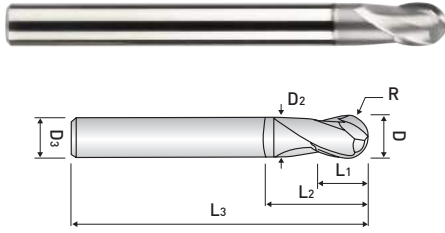


Endmill for non-ferrous metal machining _ ZAMUS COPPER MATE SERIES

WIDIN

EDP. No.	APPEARANCE	FEATURE	INCH & METRIC	STOCK	PAGE
BC502series		STUB CUT with EXTENDED NECK	METRIC	•	360
RC502.....series		STUB CUT with EXTENDED NECK	METRIC	•	361

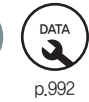
Endmill for non-ferrous metal machining ZAMUS COPPER MATE Series



**2 FLUTE, STUB CUT LENGTH,
BALL NOSE with EXTENDED NECK**

- Suitable for copper & non-ferrous material

BC502 ...series



EDP. No.	D	R	L ₁	L ₂	L ₃	D ₂	D ₃
BC502010	1	0.5	1.5	3	50	0.8	6
BC502015	1.5	0.75	2	4	50	1.3	6
BC502020	2	1	2.5	5	50	1.8	6
BC502025	2.5	1.25	3	7	50	2.3	6
BC502030	3	1.5	4	10	60	2.8	6
BC502040	4	2	5	10	60	3.8	6
BC502050	5	2.5	6	12	60	4.8	6
BC502060	6	3	7	12	60	5.8	6
BC502061					90		
BC502080	8	4	9	15	70	7.8	8
BC502081				16	100		
BC502100	10	5	11	25	75	9.8	10
BC502101					100		
BC502120	12	6	12	25	80	11.8	12
BC502121					110		

※ These tools are manufactured based on order received.

Endmill for non-ferrous metal machining – ZAMUS COPPER MATE Series

■ Applicable Working Material

Carbon Steels (S45C, S55C...) ~HB225	Alloy Steels (SCM, SK...) HB22 ~325	Prehardened Steels(NAK...) HRC30~50	Hardened Steels		Copper	Graphite	Cast Iron FCD400, 500~	Aluminum	Stainless Steels
			~HRc55 SKD61	~HRc55 SKD11					
○	○				◎			○	

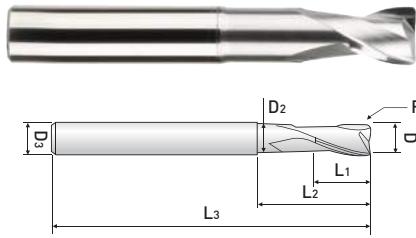
○:General Application ◎:The most suitable Application

■ Tolerance

Radius (mm)	Shank Dia.
±0,01	h6

※ These tools are manufactured based on order received.

Endmill for non-ferrous metal machining ZAMUS COPPER MATE Series



2 FLUTE, STUB CUT LENGTH, CORNER RADIUS with EXTENDED NECK

- Suitable for copper & non-ferrous material

RC502series



EDP. No.	D	R	L ₁	L ₂	L ₃	D ₂	D ₃
RC5020200509	2	0.5	3	9	55	1.8	6
RC5020300509	3	0.5	4	9	55	2.8	6
RC5020300516				16			
RC5020300520				20			
RC5020400512	4	0.5	5	12	55	3.7	6
RC5020400516				16			
RC5020400520				20			
RC5020600520	6	0.5	7	20	60	5.5	6
RC5020601020		1					
RC5020800525	8	0.5	9	25	60	7.4	8
RC5020801025		1					
RC5021000532	10	0.5	11	32	70	9.2	10
RC5021001032		1					
RC5021200538	12	0.5	12	38	80	11	12
RC5021201038		1					

※ These tools are manufactured based on order received.

■ Applicable Working Material

Carbon Steels (S45C, S55C...) ~HB225	Alloy Steels (SCM, SK...) HB22 ~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.
Diameter	Tolerance	
up to 6	0 - -0,012	
over 6	0 - -0,015	

※ These tools are manufactured based on order received.