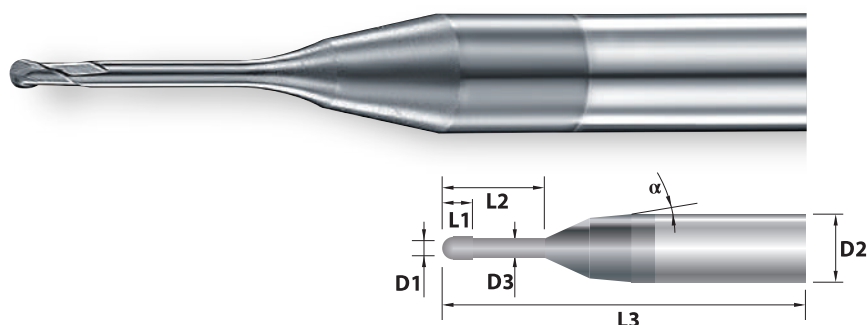


微小徑・深溝系列

MICRO CATALOGUE

Micro Diameter & Long Neck Series



乾式切削 Dry Machining	
精銑 Finishing	
中銑 Semi-finishing	
粗銑 Roughing	
油霧切削 MQL (Mist)	
水溶性切削 Emulsion Machining	
油性切削 Oil Machining	

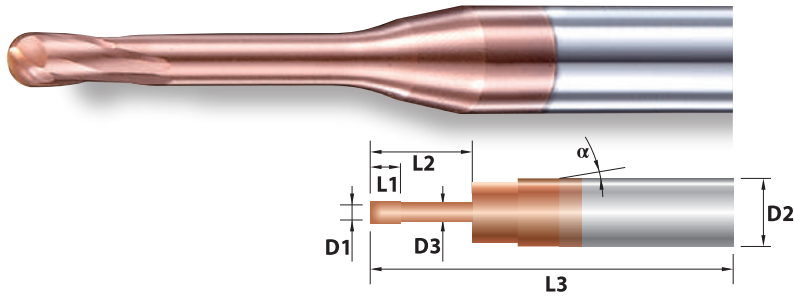
產品規格 SPECIFICATIONS

● 新規格 New specifications

型號 Type No.	D1 直徑 Diameter	D3 頸徑 Neck Dia	L1 刃長 Flute Length	L2 有效長 Effective Length	L3 全長 O A L	D2 柄徑 Shank Dia
UNBX0201	R0.1	0.18	0.3	1	50	4
UNBX02015				1.5		
UNBX0202				2		
UNBX0301	R0.15	0.26	0.4	1	50	4
UNBX0302				2		
UNBX0303				3		
UNBX0401	R0.2	0.36	0.6	1	50	4
UNBX0402				2		
UNBX0403				3		
UNBX0404				4		
UNBX0502	R0.25	0.46	0.8	2	50	4
UNBX0503				3		
UNBX0504				4		
UNBX0505				5		
UNBX0506	R0.3	0.56	0.9	6	50	4
UNBX0602				2		
UNBX0603				3		
UNBX0604				4		
UNBX0605				5		
UNBX0606				6		
UNBX0804	R0.4	0.76	1.2	4	50	4
UNBX0805				5		
UNBX0806				6		
UNBX0808				8		
UNBX0809				9		
UNBX0810				10		
UNBX1004	R0.5	0.95	1.5	4	50	4
UNBX1005				5		
UNBX1006				6		
UNBX1008				8		
UNBX1009				9		
UNBX1010				10		
UNBX1012				12		
UNBX1205	R0.6	1.15	2	5	50	4
UNBX1206				6		
UNBX1208				8		
UNBX1210				10		
UNBX1212				12		



型號 Type No.	D1 直徑 Diameter	D3 頸徑 Neck Dia	L1 刃長 Flute Length	L2 有效長 Effective Length	L3 全長 O A L	D2 柄徑 Shank Dia
UNBX1506	R0.75	1.45	2	6	50	4
UNBX1508				8		
UNBX1509				9		
UNBX1510				10		
UNBX1512				12		
UNBX1514				14		
UNBX1515				15		
UNBX1516				16		
UNBX1518				18		
UNBX1520				20		
UNBX1608	R0.8	1.54	2.5	8	50	4
UNBX1609				9		
UNBX1610				10		
UNBX1612				12		
UNBX1614				14		
UNBX1615				15		
UNBX1616				16		
UNBX2006	R1.0	1.92	3	6	50	4
UNBX2008				8		
UNBX2009				9		
UNBX2010				10		
UNBX2012				12		
UNBX2014				14		
UNBX2015				15		
UNBX2016				16		
UNBX2018				18		
UNBX2020	20					
UNBX3006	R1.5	2.90	4	6	50	6
UNBX3008				8		
UNBX3009				9		
UNBX3010				10		
UNBX3012				12		
UNBX3014				14		
UNBX3015				15		
UNBX3016				16		
UNBX3018				18	60	
UNBX3020				20		
UNBX3022				22		
UNBX3024				24		
UNBX3025				25		
UNBX4008	R2.0	3.88	5	8	75	6
UNBX4009				9		
UNBX4010				10		
UNBX4012				12		
UNBX4014				14		
UNBX4015				15		
UNBX4016				16		
UNBX4018				18		
UNBX4020				20		
UNBX4022				22		
UNBX4025				25		
UNBX4026				26		
UNBX4028				28		
UNBX4030				30		



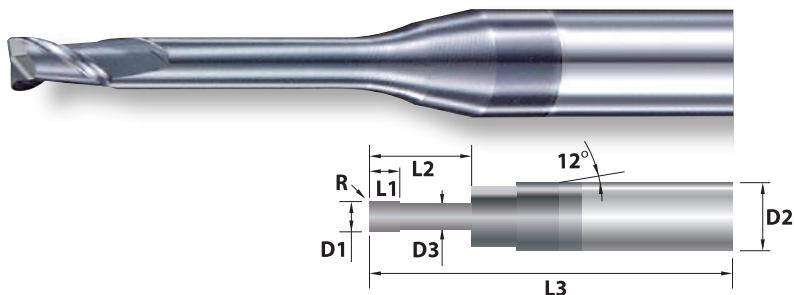
乾式切削 Dry Machining	
精銑 Finishing	
中銑 Semi-finishing	
粗銑 Roughing	
油霧切削 MQL (Mist)	
水溶性切削 Emulsion Machining	
油性切削 Oil Machining	

產品規格 SPECIFICATIONS

● 新規格 New specifications

型號 Type No.	D1 直徑 Diameter	D3 頸徑 Neck Dia	L1 刃長 Flute Length	L2 有效長 Effective Length	L3 全長 O A L	D2 柄徑 Shank Dia
● UNB0502	R0.25	0.46	0.8	2	50	4
● UNB0503				3		
● UNB0504				4		
● UNB0505				5		
● UNB0506				6		
● UNB0603	R0.3	0.56	0.9	3	50	4
● UNB0604				4		
● UNB0605				5		
● UNB0606				6		
● UNB0804	R0.4	0.76	1.2	4	50	4
● UNB0805				5		
● UNB0806				6		
● UNB0808				8		
● UNB0809				9		
● UNB0810				10		
● UNB1004	R0.5	0.95	1.5	4	50	4
● UNB1005				5		
● UNB1006				6		
● UNB1008				8		
● UNB1009				9		
● UNB1010				10		
● UNB1012				12		
● UNB1205	R0.6	1.15	2	5	50	4
● UNB1206				6		
● UNB1208				8		
● UNB1209				9		
● UNB1210				10		
● UNB1212				12		
● UNB1506	R0.75	1.45	2	6	50	4
● UNB1508				8		
● UNB1509				9		
● UNB1510				10		
● UNB1512				12		
● UNB1514				14		
● UNB1515				15		
● UNB1516				16		
● UNB1518				18		
● UNB1520				20		

	型號 Type No.	D1 直徑 Diameter	D3 頸徑 Neck Dia	L1 刃長 Flute Length	L2 有效長 Effective Length	L3 全長 O A L	D2 柄徑 Shank Dia
●	UNB1608	R0.8	1.54	2.5	8	50	4
	UNB1609				9		
	UNB1610				10		
	UNB1612				12		
	UNB1614				14		
	UNB1615				15		
	UNB1616				16		
●	UNB2006	R1.0	1.92	3	6	50	4
	UNB2008				8		
	UNB2009				9		
	UNB2010				10		
	UNB2012				12		
	UNB2014				14		
	UNB2015				15		
	UNB2016				16		
	UNB2018				18		
UNB2020	20						
●	UNB3006	R1.5	2.90	4	6	50	6
	UNB3008				8		
	UNB3009				9		
	UNB3010				10		
	UNB3012				12		
	UNB3014				14		
	UNB3015				15		
	UNB3016				16		
	UNB3018				18	60	
	UNB3020				20		
	UNB3022				22		
	UNB3024				24		
	UNB3025				25		
●	UNB4008	R2.0	3.88	5	8	75	6
	UNB4009				9		
	UNB4010				10		
	UNB4012				12		
	UNB4014				14		
	UNB4015				15		
	UNB4016				16		
	UNB4018				18		
	UNB4020				20		
	UNB4022				22		
	UNB4025				25		
	UNB4026				26		
	UNB4028				28		
	UNB4030				30		



乾式切削 Dry Machining	
精銑 Finishing	
中銑 Semi-finishing	
粗銑 Roughing	
油霧切削 MQL (Mist)	
水溶性切削 mulsion Machining	
油性切削 Oil Machining	

產品規格

SPECIFICATIONS

● 新規格 New specifications

	型號 Type No.	D1 直徑 Diameter	R R角 Corner R	D3 頸徑 Neck Dia	L1 刃長 Flute Length	L2 有效長 Effective Length	L3 全長 O.A.L.	D2 柄徑 Shank Dia.
●	UNER100401	1.0	R0.1	0.95	1.5	4	50	4
●	UNER100501					5		
●	UNER100601					6		
●	UNER100801					8		
●	UNER101001					10		
●	UNER101201					12		
●	UNER100402		R0.2			4		
●	UNER100502					5		
	UNER100602					6		
	UNER100802					8		
	UNER101002					10		
	UNER101202					12		
●	UNER100403		R0.3			4		
●	UNER100503					5		
●	UNER100603					6		
●	UNER100803					8		
●	UNER101003					10		
●	UNER101203					12		
●	UNER150401	1.5	R0.1	1.44	2	4	50	4
●	UNER150501					5		
●	UNER150601					6		
●	UNER150801					8		
●	UNER151001					10		
●	UNER151201					12		
●	UNER151401					14		
●	UNER151601					16		
●	UNER150402		R0.2			4		
●	UNER150502					5		
●	UNER150602					6		
●	UNER150802					8		
●	UNER151002					10		
●	UNER151202					12		
●	UNER151402					14		
●	UNER151602					16		
●	UNER150403		R0.3			4		
●	UNER150503					5		
●	UNER150603					6		
●	UNER150803					8		
●	UNER151003					10		
●	UNER151203					12		
●	UNER151403					14		
●	UNER151603					16		



	型號 Type No.	D1 直徑 Diameter	R R角 Corner R	D3 頸徑 Neck Dia	L1 刃長 Flute Length	L2 有效長 Effective Length	L3 全長 O.A.L.	D2 柄徑 Shank Dia.
●	UNER200601	2.0	R0.1	1.92	3	6	50	4
●	UNER200801					8		
●	UNER201001					10		
●	UNER201201					12		
●	UNER201401					14		
●	UNER201501					15		
●	UNER201601					16		
●	UNER201801					18		
●	UNER202001					20		
●	UNER200602		R0.2			6		
	UNER200802					8		
	UNER201002					10		
	UNER201202					12		
●	UNER201402					14		
●	UNER201502					15		
	UNER201602					16		
●	UNER201802					18		
	UNER202002					20		
●	UNER200603		R0.3			6		
●	UNER200803					8		
●	UNER201003					10		
●	UNER201203					12		
●	UNER201403					14		
●	UNER201503					15		
●	UNER201603					16		
●	UNER201803					18		
●	UNER202003					20		
●	UNER250801	2.5	R0.1	2.40	3	8	50	4
●	UNER251001					10		
●	UNER251201					12		
●	UNER251401					14		
●	UNER251501					15		
●	UNER251601					16		
●	UNER251801					18		
●	UNER252001					20		
●	UNER250802		R0.2			8		
	UNER251002					10		
	UNER251202					12		
●	UNER251402					14		
●	UNER251502					15		
	UNER251602					16		
●	UNER251802					18		
	UNER252002					20		



微小徑&深溝系列 MICRO DIAMETER & LONG NECK SERIES

產品規格

SPECIFICATIONS

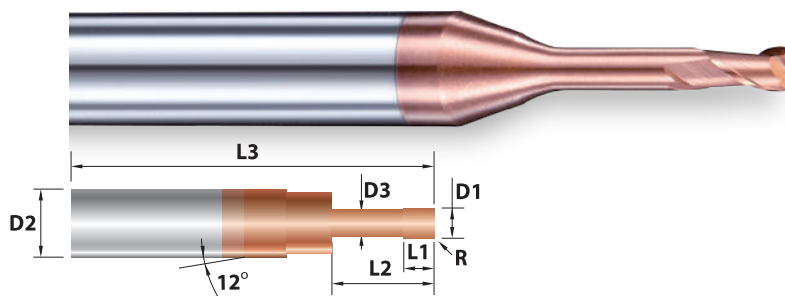
● 新規格 New specifications

	型號 Type No.	D1 直徑 Diameter	R R角 Corner R	D3 頸徑 Neck Dia	L1 刃長 Flute Length	L2 有效長 Effective Length	L3 全長 O.A.L.	D2 柄徑 Shank Dia
●	UNER250803	2.5	R0.3	2.40	3	8	50	4
●	UNER251003					10		
●	UNER251203					12		
●	UNER251403					14		
●	UNER251503					15		
●	UNER251603					16		
●	UNER251803					18		
●	UNER252003					20		
●	UNER300801	3.0	R0.1	2.90	4	8	50	6
●	UNER301001					10		
●	UNER301201					12		
●	UNER301401					14		
●	UNER301501					15		
●	UNER301601					16		
●	UNER301801					18	60	
●	UNER302001					20		
●	UNER302201					22		
●	UNER302501					25		
●	UNER300802		R0.2			8	50	
●	UNER301002					10		
●	UNER301202					12		
●	UNER301402					14		
●	UNER301502					15		
●	UNER301602					16		
●	UNER301802					18	60	
●	UNER302002					20		
●	UNER302202					22		
●	UNER302502					25		
●	UNER300803		R0.3			8	50	
●	UNER301003					10		
●	UNER301203					12		
●	UNER301403					14		
●	UNER301503					15		
●	UNER301603					16		
●	UNER301803					18	60	
●	UNER302003					20		
●	UNER302203					22		
●	UNER302503					25		

微小徑&深溝系列

MICRO DIAMETER & LONG NECK SERIES

乾式切削 Dry Machining			
油霧切削 MQL (Mist)		精銑 Finishing	
水溶性切削 Emulsion Machining		中銑 Semi-finishing	
油性切削 Oil Machining		粗銑 Roughing	



產品規格 SPECIFICATIONS

● 新規格 New specifications

	型號 Type No.	D1 直徑 Diameter	R R角 Corner R	D3 頸徑 Neck Dia	L1 刃長 Flute Length	L2 有效長 Effective Length	L3 全長 O.A.L.	D2 柄徑 Shank Dia.		
●	UNE100401	1.0	R0.1	0.95	1.5	4	50	6		
	UNE100501					5				
	UNE100601					6				
	UNE100801					8				
	UNE101001					10				
	UNE101201					12				
●	UNE100402		R0.2			4				
	UNE100502					5				
	UNE100602					6				
	UNE100802					8				
	UNE101002					10				
	UNE101202					12				
●	UNE100403		R0.3			4				
	UNE100503					5				
	UNE100603					6				
	UNE100803					8				
	UNE101003					10				
	UNE101203					12				
●	UNE150401	1.5	R0.1	1.44	1.5	4	50	6		
	UNE150501					5				
	UNE150601					6				
	UNE150801					8				
	UNE151001					10				
	UNE151201					12				
	●		UNE151401			R0.2			14	
			UNE151601						16	
			UNE150402						R0.2	4
			UNE150502							5
			UNE150602							6
			UNE150802							8
	UNE151002		10							
	●		UNE151202			R0.2				12
			UNE151402						14	
			UNE151602						16	
			UNE150403						R0.3	4
			UNE150503							5
			UNE150603							6
	UNE150803		8							
	UNE151003		10							
	UNE151203		12							
	UNE151403		14							
	●		UNE151603			16				



微小徑&深溝系列 MICRO DIAMETER & LONG NECK SERIES

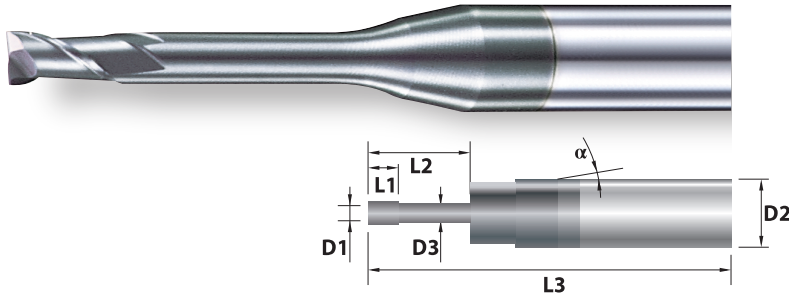
產品規格 SPECIFICATIONS

● 新規格 New specifications

	型號 Type No.	D1 直徑 Diameter	R R角 Corner R	D3 頸徑 Neck Dia	L1 刃長 Flute Length	L2 有效長 Effective Length	L3 全長 O.A.L.	D2 柄徑 Shank Dia
●	UNE200601	2.0	R0.1	1.92	2	6	50	6
●	UNE200801					8		
●	UNE201001					10		
●	UNE201201					12		
●	UNE201401					14		
●	UNE201501					15		
●	UNE201601					16		
●	UNE201801					18		
●	UNE202001					20		
●	UNE200602		R0.2			6		
	UNE200802					8		
	UNE201002					10		
	UNE201202					12		
●	UNE201402					14		
●	UNE201502					15		
	UNE201602					16		
●	UNE201802					18		
●	UNE202002					20		
●	UNE200603		R0.3			6		
●	UNE200803					8		
●	UNE201003					10		
●	UNE201203					12		
●	UNE201403					14		
●	UNE201503					15		
●	UNE201603					16		
●	UNE201803					18		
●	UNE202003					20		
●	UNE250801	2.5	R0.1	2.40	3	8	50	6
●	UNE251001					10		
●	UNE251201					12		
●	UNE251401					14		
●	UNE251501					15		
●	UNE251601					16		
●	UNE251801					18		
●	UNE252001					20		
●	UNE250802					R0.2		
●	UNE251002		10					
●	UNE251202		12					
●	UNE251402		14					
●	UNE251502		15					
●	UNE251602		16					
●	UNE251802		18					
●	UNE252002		20					
●	UNE250803		R0.3					
●	UNE251003					10		
●	UNE251203					12		
●	UNE251403					14		
●	UNE251503					15		
●	UNE251603					16		
●	UNE251803					18		
●	UNE252003					20		



	型號 Type No.	D1 直徑 Diameter	R R角 Corner R	D3 頸徑 Neck Dia	L1 刃長 Flute Length	L2 有效長 Effective Length	L3 全長 O.A.L.	D2 柄徑 Shank Dia
●	UNE300801	3.0	R0.1	2.90	3	8	50	6
●	UNE301001					10		
●	UNE301201					12		
●	UNE301401					14		
●	UNE301501					15		
●	UNE301601					16		
●	UNE301801					18		
●	UNE302001					20		
●	UNE302201					22		
●	UNE302501					25		
●	UNE300802		R0.2			8	50	
●	UNE301002					10		
●	UNE301202					12		
●	UNE301402					14		
●	UNE301502					15		
●	UNE301602					16		
●	UNE301802					18		
●	UNE302002					20		
●	UNE302202					22		
●	UNE302502					25		
●	UNE300803		R0.3			8	50	
●	UNE301003					10		
●	UNE301203					12		
●	UNE301403					14		
●	UNE301503					15		
●	UNE301603					16		
●	UNE301803					18		
●	UNE302003					20		
●	UNE302203					22		
●	UNE302503					25		
●	UNE400601	4.0	R0.1	3.88	4	6	50	6
●	UNE400801					8		
●	UNE401001					10		
●	UNE401201					12		
●	UNE401601					16		
●	UNE401801					18		
●	UNE402001					20		
●	UNE400602		R0.2			6	50	
●	UNE400802					8		
●	UNE401002					10		
●	UNE401202					12		
●	UNE401602					16		
●	UNE401802					18		
●	UNE402002					20		
●	UNE400603		R0.3			6	50	
●	UNE400803					8		
●	UNE401003					10		
●	UNE401203					12		
●	UNE401603					16		
●	UNE401803					18		
●	UNE402003					20		



乾式切削 Dry Machining	
精銑 Finishing	
中銑 Semi-finishing	
粗銑 Roughing	
油霧切削 MQL (Mist)	
水溶性切削 Emulsion Machining	
油性切削 Oil Machining	

產品規格 SPECIFICATIONS

● 新規格 New specifications

型號 Type No.	D1 直徑 Diameter	D3 頸徑 Neck Dia	L1 刃長 Flute Length	L2 有效長 Effective Length	L3 全長 O A L	D2 柄徑 Shank Dia
UDE0201	0.2	0.18	0.3	1	50	4
UDE0202				2		
UDE0301				1		
UDE0302	0.3	0.26	0.4	2		
UDE0303				3		
UDE0402				2		
UDE0403	0.4	0.36	0.6	3		
UDE0404				4		
UDE0502				2		
● UDE0503	0.5	0.46	0.8	3		
● UDE0504				4		
● UDE0505				5		
UDE0506				6		
UDE0602	0.6	0.55	0.9	2		
● UDE0603				3		
UDE0604				4		
● UDE0605				5		
UDE0606				6		
● UDE0608				8		
UDE0702	0.7	0.65	1	2		
● UDE0703				3		
UDE0704				4		
● UDE0705				5		
UDE0706				6		
● UDE0708				8		
UDE0802	0.8	0.75	1.2	2		
● UDE0803				3		
UDE0804				4		
● UDE0805				5		
UDE0806				6		
● UDE0807				7		
UDE0808				8		
● UDE0810				10		
UDE1004	1.0	0.95	1.5	4		
● UDE1005				5		
UDE1006				6		
● UDE1007				7		
UDE1008				8		
● UDE1009				9		
UDE1010				10		
UDE1012				12		



	型號 Type No.	D1 直徑 Diameter	D3 頸徑 Neck Dia	L1 刃長 Flute Length	L2 有效長 Effective Length	L3 全長 O A L	D2 柄徑 Shank Dia				
●	UDE1204	1.2	1.15	1.8	4	50	4				
●	UDE1205				5						
	UDE1206				6						
●	UDE1207				7						
	UDE1208				8						
●	UDE1209				9						
	UDE1210				10						
●	UDE1212				12						
●	UDE1506	1.5	1.44	2	6			50	4		
●	UDE1507				7						
	UDE1508				8						
●	UDE1509				9						
	UDE1510				10						
●	UDE1512				12						
	UDE1514				14						
●	UDE1515				15						
	UDE1516	16									
●	UDE2006	2.0	1.92	3	6					50	4
●	UDE2007				7						
	UDE2008				8						
●	UDE2009				9						
	UDE2010				10						
●	UDE2012				12						
	UDE2014				14						
●	UDE2015				15						
	UDE2016				16						
●	UDE2018				18						
	UDE2020	20									
●	UDE2508	2.5	2.40	3	8	50	4				
●	UDE2509				9						
	UDE2510				10						
●	UDE2512				12						
	UDE2514				14						
●	UDE2515				15						
	UDE2516				16						
●	UDE2518				18						
	UDE2520	20									
●	UDE3008	3.0	2.90	4	8	50	6				
●	UDE3009				9						
	UDE3010				10						
●	UDE3012				12						
	UDE3014				14						
●	UDE3015				15						
	UDE3016				16						
●	UDE3018				18	60					
●	UDE3020				20						
	UDE3022				22						
●	UDE3025	25									



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