

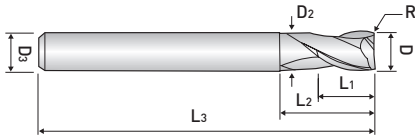
**2 FLUTE, STUB CUT LENGTH,
CORNER RADIUS with EXTENDED NECK**

- Applied various corner "Radius" and effected length.
- Suitable for dry cutting & high speed cutting due to newly developed raw-material and new coating.

ZR702series



EDP. No.	D	R	L ₁	L ₂	L ₃	D ₂	D ₃	STOCK	
ZR702 010 005 03 S4	1	0.05	1.5	3	50	0.95	4	•	
ZR702 010 005 04 S4				4				•	
ZR702 010 005 06 S4				6				•	
ZR702 010 005 08 S4				8				•	
ZR702 010 005 10 S4				10				•	
ZR702 010 01 03 S4		0.1		0.1				3	•
ZR702 010 01 04 S4								4	•
ZR702 010 01 06 S4								6	•
ZR702 010 01 08 S4								8	•
ZR702 010 01 10 S4								10	•
ZR702 010 02 03 S4		0.2		0.2				3	•
ZR702 010 02 04 S4								4	•
ZR702 010 02 06 S4								6	•
ZR702 010 02 08 S4								8	•
ZR702 010 02 10 S4								10	•
ZR702 010 03 03 S4		0.3		0.3				3	•
ZR702 010 03 04 S4								4	•
ZR702 010 03 06 S4								6	•
ZR702 010 03 08 S4								8	•
ZR702 010 03 10 S4								10	•
ZR702 010 01 04	1	0.1	1.5	4	50	0.95	6	•	
ZR702 010 01 06				6				•	
ZR702 010 02 04		0.2		4				•	
ZR702 010 02 06				6				•	
ZR702 010 02 10				10				•	
ZR702 010 02 12	12	•							
ZR702 012 02 08	1.2	0.2	2	8	50	1.15	6	•	
ZR702 012 02 12				12				•	
ZR702 015 005 04 S4	1.5	0.05	2.5	4	50	1.45	4	•	
ZR702 015 005 06 S4				6				•	
ZR702 015 005 08 S4				8				•	
ZR702 015 005 10 S4				10				•	
ZR702 015 005 12 S4				12				•	
ZR702 015 01 04 S4		0.1		0.1				4	•
ZR702 015 01 06 S4								6	•
ZR702 015 01 08 S4								8	•
ZR702 015 01 10 S4								10	•
ZR702 015 01 12 S4								12	•



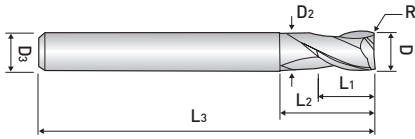
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ZR702 015 02 04 S4	1.5	0.2	2.5	4	50	1.45	4	•	
ZR702 015 02 06 S4				6				•	
ZR702 015 02 08 S4				8				•	
ZR702 015 02 10 S4				10				•	
ZR702 015 02 12 S4				12				•	
ZR702 015 03 04 S4				0.3				4	•
ZR702 015 03 06 S4		6						•	
ZR702 015 03 08 S4		8						•	
ZR702 015 03 10 S4		10						•	
ZR702 015 03 12 S4		12						•	
ZR702 015 05 04 S4		0.5						0.5	4
ZR702 015 05 06 S4				6					•
ZR702 015 05 08 S4	8		•						
ZR702 015 05 10 S4	10		•						
ZR702 015 05 12 S4	12		•						
ZR702 015 02 04	1.5		0.2	2.5	4	50	1.45		6
ZR702 015 02 06		6			•				
ZR702 015 02 08		8			•				
ZR702 015 02 10		10			•				
ZR702 015 02 15		15			•				
ZR702 020 01 06 S4	2	0.1	3	6	50	1.9	4	•	
ZR702 020 01 08 S4				8				•	
ZR702 020 01 10 S4				10				•	
ZR702 020 01 12 S4				12				•	
ZR702 020 01 16 S4				16				•	
ZR702 020 01 20 S4				20				•	
ZR702 020 02 06 S4		0.2		0.2				6	•
ZR702 020 02 08 S4								8	•
ZR702 020 02 10 S4								10	•
ZR702 020 02 12 S4								12	•
ZR702 020 02 16 S4								16	•
ZR702 020 02 20 S4								20	•
ZR702 020 03 06 S4	0.3	0.3	6	•					
ZR702 020 03 08 S4			8	•					
ZR702 020 03 10 S4			10	•					
ZR702 020 03 12 S4			12	•					
ZR702 020 03 16 S4			16	•					
ZR702 020 03 20 S4			2	•					



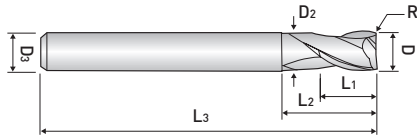
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EDP. No.	D	R	L ₁	L ₂	L ₃	D ₂	D ₃	STOCK						
ZR702 020 05 06 S4	2	0.5	3	6	50	1.9	4	•						
ZR702 020 05 08 S4				8				•						
ZR702 020 05 10 S4				10				•						
ZR702 020 05 12 S4				12				•						
ZR702 020 05 16 S4				16				•						
ZR702 020 05 20 S4				20				•						
ZR702 020 01 08	2	0.1	3	8	50	1.9	6	•						
ZR702 020 01 12				12				•						
ZR702 020 02 06		0.2		6				•						
ZR702 020 02 09				9				•						
ZR702 020 02 16		0.3		16				•						
ZR702 020 03 06				6				•						
ZR702 020 05 06		0.5		6				•						
ZR702 020 05 09				9				•						
ZR702 020 05 12				12				•						
ZR702 020 05 16				16				•						
ZR702 025 02 08 S4				2.5				0.2	3.5	8	50	2.4	4	•
ZR702 025 02 10 S4										10				•
ZR702 025 02 12 S4	12	•												
ZR702 025 02 16 S4	16	•												
ZR702 025 03 08 S4	0.3	8	•											
ZR702 025 03 10 S4		10	•											
ZR702 025 03 12 S4		12	•											
ZR702 025 03 16 S4		16	•											
ZR702 025 05 08 S4	0.5	8	•											
ZR702 025 05 10 S4		10	•											
ZR702 025 05 12 S4		12	•											
ZR702 025 05 16 S4		16	•											
ZR702 030 01 08	3	0.1	*4.5	8	55	2.9	6	•						
ZR702 030 01 10				10				•						
ZR702 030 01 12				12				•						
ZR702 030 01 16				16				•						
ZR702 030 01 20				20				•						
ZR702 030 02 08				0.2				8	55	•				
ZR702 030 02 09		9			•									
ZR702 030 02 10		10			•									



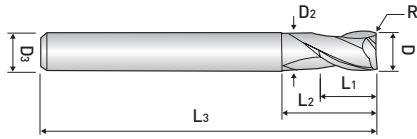
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EDP. No.	D	R	L ₁	L ₂	L ₃	D ₂	D ₃	STOCK						
ZR702 030 02 12	3	0.2	4.5	12	55	2.9	6	•						
ZR702 030 02 16				16				•						
ZR702 030 02 20				20				60	•					
ZR702 030 03 08	3	0.3	4.5	8	55	2.9	6	•						
ZR702 030 03 09				9				•						
ZR702 030 03 10				10				•						
ZR702 030 03 12				12				•						
ZR702 030 03 14				14				•						
ZR702 030 03 16				16				•						
ZR702 030 03 20				20				60	•					
ZR702 030 05 08				3				0.5	4.5	8	55	2.9	6	•
ZR702 030 05 09										9				•
ZR702 030 05 10										10				•
ZR702 030 05 12										12				•
ZR702 030 05 16	16	•												
ZR702 030 05 20	20	60	•											
ZR702 030 10 08	3	1.0	4.5	8	55	2.9	6	•						
ZR702 030 10 10				10				•						
ZR702 030 10 12				12				•						
ZR702 030 10 16				16				•						
ZR702 030 10 20				20				60	•					
ZR702 030 10 25				25	60			•						
ZR702 040 01 10	4	1.0	6	10	55	3.8	6	•						
ZR702 040 01 12				12				•						
ZR702 040 01 16				16				•						
ZR702 040 01 20				20				60	•					
ZR702 040 01 25				25				60	•					
ZR702 040 02 10		4		0.2	6			10	55	3.8	6	•		
ZR702 040 02 12								12				•		
ZR702 040 02 16								16				•		
ZR702 040 02 20		4		0.3	6			20	60	3.8	6	•		
ZR702 040 02 25								25				•		
ZR702 040 03 10								10				•		
ZR702 040 03 12	12		•											
ZR702 040 03 16	16		•											
ZR702 040 03 20	20	•												
ZR702 040 03 25				25	60			•						



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EDP. No.	D	R	L ₁	L ₂	L ₃	D ₂	D ₃	STOCK	
ZR702 040 05 10	4	0.5	6	10	55	3.8	6	•	
ZR702 040 05 12				12				•	
ZR702 040 05 16				16				•	
ZR702 040 05 20				20				•	
ZR702 040 05 25				25				•	
ZR702 040 05 30				30				•	
ZR702 040 10 10		1.0	6	6	10			55	•
ZR702 040 10 12					12				•
ZR702 040 10 16					16				•
ZR702 040 10 20					20				•
ZR702 040 10 25					25				•
ZR702 040 10 30					30				•
ZR702 050 03 18	5	0.3	8	18	60	4.8	6	•	
ZR702 060 02 20	6	0.2	9	20	60	5.8	6	•	
ZR702 060 03 20		0.3						•	
ZR702 060 05 20		0.5						•	
ZR702 060 10 20		1.0						•	
ZR702 060 15 20		1.5						•	
ZR702 060 20 20		2.0						•	
ZR702 080 02 25	8	0.2	12	25	60	7.8	8	•	
ZR702 080 03 25		0.3						•	
ZR702 080 05 25		0.5						•	
ZR702 080 10 25		1.0						•	
ZR702 080 15 25		1.5						•	
ZR702 100 02 32	10	0.2	15	32	70	9.7	10	•	
ZR702 100 03 32		0.3						•	
ZR702 100 05 32		0.5						•	
ZR702 100 10 32		1.0						•	
ZR702 100 15 32		1.5						•	
ZR702 100 20 32		2.0						•	
ZR702 120 03 38	12	0.3	18	38	80	11.7	12	•	
ZR702 120 05 38		0.5						•	
ZR702 120 10 38		1.0						•	
ZR702 120 15 38		1.5						•	
ZR702 120 20 38		2.0						•	

■ Tolerance

Mill Dia, (mm)		Shank Dia,
Diameter	Tolerance	
up to 6	0 ~ -0,012	h6
over 6	0 ~ -0,015	

※Items can be changed for quality improvement without notice.