

WMRR430

WIDE-MAX	모델번호 Model No.	인선직경 Dia of Mill	코너반경 Coner Radius	유효장 Effective Length	날장 Length of Cut	목부경 Neck Dia	전장 Overall Length	샹크경 Shank Dia	비고 Remark
		D	CR	l ₂	l ₁	d ₂	L	d	
볼 Ball	WMRR430-080R05-40-090-S08	8	0.5	40	12	7.7	90	8	
	WMRR430-080R10-24-065-S08	8	1	24	12	7.7	65	8	
	WMRR430-080R10-40-090-S08	8	1	40	12	7.7	90	8	
	WMRR430-080R20-24-065-S08	8	2	24	12	7.7	65	8	
	WMRR430-080R20-40-090-S08	8	2	40	12	7.7	90	8	
	WMRR430-100R02-30-070-S10	10	0.2	30	15	9.7	70	10	
	WMRR430-100R02-50-100-S10	10	0.2	50	15	9.7	100	10	
	WMRR430-100R03-30-070-S10	10	0.3	30	15	9.7	70	10	
	WMRR430-100R03-50-100-S10	10	0.3	50	15	9.7	100	10	
	WMRR430-100R05-30-070-S10	10	0.5	30	15	9.7	70	10	
	WMRR430-100R05-50-100-S10	10	0.5	50	15	9.7	100	10	
	WMRR430-100R10-30-070-S10	10	1	30	15	9.7	70	10	
	WMRR430-100R10-50-100-S10	10	1	50	15	9.7	100	10	
	WMRR430-100R20-30-070-S10	10	2	30	15	9.7	70	10	
	WMRR430-100R20-50-100-S10	10	2	50	15	9.7	100	10	
	WMRR430-120R02-30-080-S12	12	0.2	30	18	11.7	80	12	
	WMRR430-120R02-55-110-S12	12	0.2	55	18	11.7	110	12	
	WMRR430-120R02-60-150-S12	12	0.2	60	18	11.7	150	12	
	WMRR430-120R05-30-080-S12	12	0.5	30	18	11.7	80	12	
	WMRR430-120R05-55-110-S12	12	0.5	55	18	11.7	110	12	
	WMRR430-120R05-60-150-S12	12	0.5	60	18	11.7	150	12	
라디우스 Radius	WMRR430-120R10-30-080-S12	12	1	30	18	11.7	80	12	
	WMRR430-120R10-55-110-S12	12	1	55	18	11.7	110	12	
스퀘어 Square	WMRR430-120R10-60-150-S12	12	1	60	18	11.7	150	12	
	WMRR430-120R20-30-080-S12	12	2	30	18	11.7	80	12	
	WMRR430-120R20-55-110-S12	12	2	55	18	11.7	110	12	
	WMRR430-120R20-60-150-S12	12	2	60	18	11.7	150	12	

WMR430

WIDE-MAX 래디우스 엔드밀 4날 헬릭스30°
WIDE-MAX Radius End Mill 4-Flute Helix30°



* 적용 피삭재 (Applicable Work Material)
◎ : 최적 (Most Suitable)
○ : 가능 (Applicable)

CARBIDE
ULTRA

AlCrN
Based

4

30°
Helix

Multi
Helix

CR
±0.005

CR
±0.01

D
0/-0.008

D
0/-0.015

Shank
h5

D≥2

R<0.5

R≥0.5

D<6

D≥6

SlotSideFace

P			H			M	S	N		
탄소강 Carbon Steels	합금강 Alloy Steels	프리하든강 Pre-Hardened Steels	열처리강 Hardened Steels			스테인레스강 Stainless Steels	내열합금강 Heat-resistant alloys	동 Copper	알루미늄합금 Alumium Alloys	흑연 Graphite
S45C/S50C ~800 N/mm²	SCM ~35HRC	NAK/HPM ~45HRC	SKD61 ~55HRC	SKD11 ~60HRC	SKH ~62HRC					
◎	◎	◎	○			◎	○	○	○	

단위(mm)/Unit(mm)

모델번호 Model No.	인선직경 Dia of Mill	코너반경 Coner Radius	날장 Length of Cut	전장 Overall Length	샹크경 Shank Dia	비고 Remark
	D	CR	l ₁	L	d	
WMR430-010R005-045-S04	1	0.05	2.5	45	4	
WMR430-010R01-045-S04	1	0.1	2.5	45	4	
WMR430-010R02-045-S04	1	0.2	2.5	45	4	
WMR430-010R03-045-S04	1	0.3	2.5	45	4	
WMR430-015R01-045-S04	1.5	0.1	4	45	4	
WMR430-015R02-045-S04	1.5	0.2	4	45	4	
WMR430-015R03-045-S04	1.5	0.3	4	45	4	
WMR430-015R05-045-S04	1.5	0.5	4	45	4	
WMR430-020R01-045-S04	2	0.1	6	45	4	
WMR430-020R02-045-S04	2	0.2	6	45	4	
WMR430-020R03-045-S04	2	0.3	6	45	4	
WMR430-020R05-045-S04	2	0.5	6	45	4	
WMR430-025R01-045-S04	2.5	0.1	7	45	4	
WMR430-025R02-045-S04	2.5	0.2	7	45	4	
WMR430-025R03-045-S04	2.5	0.3	7	45	4	
WMR430-025R05-045-S04	2.5	0.5	7	45	4	
WMR430-030R01-050-S03	3	0.1	8	50	3	
WMR430-030R01-060-S06	3	0.1	8	60	6	
WMR430-030R02-050-S03	3	0.2	8	50	3	
WMR430-030R02-060-S06	3	0.2	8	60	6	
WMR430-030R03-050-S03	3	0.3	8	50	3	
WMR430-030R03-060-S06	3	0.3	8	60	6	
WMR430-030R05-050-S03	3	0.5	8	50	3	
WMR430-030R05-060-S06	3	0.5	8	60	6	
WMR430-030R10-050-S03	3	1	8	50	3	
WMR430-030R10-060-S06	3	1	8	60	6	
WMR430-040R01-050-S04	4	0.1	10	50	4	

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WIDE-MAX	모델번호 Model No.	인선직경 Dia of Mill	코너반경 Coner Radius	날장 Length of Cut	전장 Overall Length	생크경 Shank Dia	비고 Remark
		D	CR	l ₁	L	d	
볼 Ball	WMR430-040R01-080-S04	4	0.1	10	80	4	
	WMR430-040R01-050-S06	4	0.1	10	50	6	
	WMR430-040R01-070-S06	4	0.1	10	70	6	
	WMR430-040R02-050-S04	4	0.2	10	50	4	
라디우스 Radius	WMR430-040R02-080-S04	4	0.2	10	80	4	
	WMR430-040R02-050-S06	4	0.2	10	50	6	
	WMR430-040R02-070-S06	4	0.2	10	70	6	
	WMR430-040R03-050-S04	4	0.3	10	50	4	
스퀘어 Square	WMR430-040R03-080-S04	4	0.3	10	80	4	
	WMR430-040R03-050-S06	4	0.3	10	50	6	
	WMR430-040R03-070-S06	4	0.3	10	70	6	
	WMR430-040R05-050-S04	4	0.5	10	50	4	
	WMR430-040R05-080-S04	4	0.5	10	80	4	
	WMR430-040R05-050-S06	4	0.5	10	50	6	
	WMR430-040R05-070-S06	4	0.5	10	70	6	
	WMR430-040R10-050-S04	4	1	10	50	4	
	WMR430-040R10-080-S04	4	1	10	80	4	
	WMR430-040R10-050-S06	4	1	10	50	6	
	WMR430-040R10-070-S06	4	1	10	70	6	
	WMR430-050R02-070-S06	5	0.2	10	70	6	
	WMR430-050R03-070-S06	5	0.3	10	70	6	
	WMR430-050R05-070-S06	5	0.5	10	70	6	
	WMR430-050R10-070-S06	5	1	10	70	6	
	WMR430-060R02-060-S06	6	0.2	12	60	6	
	WMR430-060R02-075-S06	6	0.2	12	75	6	
	WMR430-060R02-090-S06	6	0.2	12	90	6	
	WMR430-060R03-060-S06	6	0.3	12	60	6	
	WMR430-060R03-075-S06	6	0.3	12	75	6	
	WMR430-060R03-090-S06	6	0.3	12	90	6	
	WMR430-060R05-060-S06	6	0.5	12	60	6	
	WMR430-060R05-075-S06	6	0.5	12	75	6	
	WMR430-060R05-090-S06	6	0.5	12	90	6	
	WMR430-060R10-060-S06	6	1	12	60	6	
	WMR430-060R10-075-S06	6	1	12	75	6	
	WMR430-060R10-090-S06	6	1	12	90	6	
	WMR430-060R15-060-S06	6	1.5	12	60	6	
	WMR430-060R15-075-S06	6	1.5	12	75	6	
	WMR430-060R15-090-S06	6	1.5	12	90	6	
	WMR430-080R02-060-S08	8	0.2	16	60	8	
	WMR430-080R02-075-S08	8	0.2	16	75	8	
	WMR430-080R02-090-S08	8	0.2	16	90	8	
	WMR430-080R03-060-S08	8	0.3	16	60	8	
	WMR430-080R03-075-S08	8	0.3	16	75	8	
	WMR430-080R03-090-S08	8	0.3	16	90	8	
	WMR430-080R05-060-S08	8	0.5	16	60	8	
	WMR430-080R05-075-S08	8	0.5	16	75	8	
	WMR430-080R05-090-S08	8	0.5	16	90	8	
	WMR430-080R10-060-S08	8	1	16	60	8	

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모델번호 Model No.	인선직경 Dia of Mill	코너반경 Coner Radius	날장 Length of Cut	전장 Overall Length	생크경 Shank Dia	비고 Remark
	D	CR	l ₁	L	d	
WMR430-080R10-075-S08	8	1	16	75	8	
WMR430-080R10-090-S08	8	1	16	90	8	
WMR430-080R20-060-S08	8	2	16	60	8	
WMR430-080R20-075-S08	8	2	16	75	8	
WMR430-080R20-090-S08	8	2	16	90	8	
WMR430-100R02-070-S10	10	0.2	20	70	10	
WMR430-100R02-100-S10	10	0.2	20	100	10	
WMR430-100R03-070-S10	10	0.3	20	70	10	
WMR430-100R03-100-S10	10	0.3	20	100	10	
WMR430-100R05-070-S10	10	0.5	20	70	10	
WMR430-100R05-100-S10	10	0.5	20	100	10	
WMR430-100R10-070-S10	10	1	20	70	10	
WMR430-100R10-100-S10	10	1	20	100	10	
WMR430-100R20-070-S10	10	2	20	70	10	
WMR430-100R20-100-S10	10	2	20	100	10	
WMR430-120R02-080-S12	12	0.2	24	80	12	
WMR430-120R02-110-S12	12	0.2	24	110	12	
WMR430-120R02-130-S12	12	0.2	24	130	12	
WMR430-120R05-080-S12	12	0.5	24	80	12	
WMR430-120R05-110-S12	12	0.5	24	110	12	
WMR430-120R05-130-S12	12	0.5	24	130	12	
WMR430-120R10-080-S12	12	1	24	80	12	
WMR430-120R10-110-S12	12	1	24	110	12	
WMR430-120R10-130-S12	12	1	24	130	12	
WMR430-120R20-080-S12	12	2	24	80	12	
WMR430-120R20-110-S12	12	2	24	110	12	
WMR430-120R20-130-S12	12	2	24	130	12	

WIDE-MAX
볼 Ball
라디우스 Radius
스퀘어 Square