

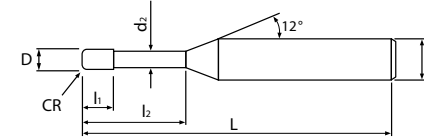
CMRB230

모델번호 Model No.	볼반경 Radius of Ball Nose	유효장 Effective Length	날장 Length of Cut	목부경 Neck Dia	전장 Overall Length	샙크경 Shank Dia	비고 Remark
	R	l ₂	l ₁	d ₂	L	d	
CMRB230-00608-045-S04	R0.3	8	0.6	0.56	45	4	
CMRB230-00610-045-S04	R0.3	10	0.6	0.56	45	4	
CMRB230-00612-045-S04	R0.3	12	0.6	0.56	45	4	
CMRB230-00802-045-S04	R0.4	2	0.8	0.76	45	4	
CMRB230-00804-045-S04	R0.4	4	0.8	0.76	45	4	
CMRB230-00806-045-S04	R0.4	6	0.8	0.76	45	4	
CMRB230-00808-045-S04	R0.4	8	0.8	0.76	45	4	
CMRB230-00810-045-S04	R0.4	10	0.8	0.76	45	4	
CMRB230-00812-045-S04	R0.4	12	0.8	0.76	45	4	
CMRB230-01004-045-S04	R0.5	4	1	0.96	45	4	
CMRB230-01006-045-S04	R0.5	6	1	0.96	45	4	
CMRB230-01008-045-S04	R0.5	8	1	0.96	45	4	
CMRB230-01010-045-S04	R0.5	10	1	0.96	45	4	
CMRB230-01012-045-S04	R0.5	12	1	0.96	45	4	
CMRB230-01014-050-S04	R0.5	14	1	0.96	50	4	
CMRB230-01016-050-S04	R0.5	16	1	0.96	50	4	
CMRB230-01506-045-S04	R0.75	6	1.5	1.45	45	4	
CMRB230-01508-045-S04	R0.75	8	1.5	1.45	45	4	
CMRB230-01510-045-S04	R0.75	10	1.5	1.45	45	4	
CMRB230-01512-045-S04	R0.75	12	1.5	1.45	45	4	
CMRB230-01514-050-S04	R0.75	14	1.5	1.45	50	4	
CMRB230-01516-050-S04	R0.75	16	1.5	1.45	50	4	
CMRB230-01520-060-S04	R0.75	20	1.5	1.45	60	4	
CMRB230-02006-045-S04	R1	6	2	1.9	45	4	
CMRB230-02008-045-S04	R1	8	2	1.9	45	4	
CMRB230-02010-045-S04	R1	10	2	1.9	45	4	
CMRB230-02012-045-S04	R1	12	2	1.9	45	4	
CMRB230-02014-050-S04	R1	14	2	1.9	50	4	
CMRB230-02016-050-S04	R1	16	2	1.9	50	4	
CMRB230-02020-060-S04	R1	20	2	1.9	60	4	
CMRB230-03012-050-S06	R1.5	12	3	2.85	50	6	
CMRB230-03014-060-S06	R1.5	14	3	2.85	60	6	
CMRB230-03016-060-S06	R1.5	16	3	2.85	60	6	
CMRB230-03020-060-S06	R1.5	20	3	2.85	60	6	
CMRB230-03025-070-S06	R1.5	25	3	2.85	70	6	
CMRB230-03030-070-S06	R1.5	30	3	2.85	70	6	
CMRB230-04016-060-S06	R2	16	4	3.85	60	6	
CMRB230-04020-060-S06	R2	20	4	3.85	60	6	
CMRB230-04025-070-S06	R2	25	4	3.85	70	6	
CMRB230-04030-070-S06	R2	30	4	3.85	70	6	
CMRB230-06020-060-S06	R3	20	7	5.7	60	6	
CMRB230-06030-080-S06	R3	30	7	5.7	80	6	

CMRR230

CO-MAX 리브 래디우스 엔드밀 2날 헬릭스30°

CO-MAX Rib Radius End Mill 2-Flute Helix30°



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

Material and Coating Indicators:

- CARBIDE ULTRA
- DLC PVD
- 2 Flutes
- 30° Helix
- R ±0.005
- R ±0.01
- D 0/-0.008
- D 0/-0.01
- D 0/-0.02
- Shank H5

Application Limits: R < 0.5, R ≥ 0.5, D ≤ 2, 2 < D < 6, D ≥ 6

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 Aluminum Alloys	흑연 Graphite
S45C/S50C ~800 N/mm ²	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	유효장 Effective Length	날장 Length of Cut	목부경 Neck Dia	전장 Overall Length	샙크경 Shank Dia	비고 Remark
	D	CR	l ₁	l ₂	d ₂	L	d	
CMRR230-002R002-01-045-S04	0.2	0.02	1	0.2	0.18	45	4	
CMRR230-002R002-015-045-S04	0.2	0.02	1.5	0.2	0.18	45	4	
CMRR230-002R005-01-045-S04	0.2	0.05	1	0.2	0.18	45	4	
CMRR230-002R005-015-045-S04	0.2	0.05	1.5	0.2	0.18	45	4	
CMRR230-003R005-015-045-S04	0.3	0.05	1.5	0.3	0.27	45	4	
CMRR230-003R005-02-045-S04	0.3	0.05	2	0.3	0.27	45	4	
CMRR230-003R005-03-045-S04	0.3	0.05	3	0.3	0.27	45	4	
CMRR230-004R005-02-045-S04	0.4	0.05	2	0.4	0.37	45	4	
CMRR230-004R005-03-045-S04	0.4	0.05	3	0.4	0.37	45	4	
CMRR230-004R005-04-045-S04	0.4	0.05	4	0.4	0.37	45	4	
CMRR230-005R005-02-045-S04	0.5	0.05	2	0.5	0.46	45	4	
CMRR230-005R005-03-045-S04	0.5	0.05	3	0.5	0.46	45	4	
CMRR230-005R005-04-045-S04	0.5	0.05	4	0.5	0.46	45	4	
CMRR230-005R005-05-045-S04	0.5	0.05	5	0.5	0.46	45	4	
CMRR230-005R005-06-045-S04	0.5	0.05	6	0.5	0.46	45	4	
CMRR230-005R01-02-045-S04	0.5	0.1	2	0.5	0.46	45	4	
CMRR230-005R01-03-045-S04	0.5	0.1	3	0.5	0.46	45	4	
CMRR230-005R01-04-045-S04	0.5	0.1	4	0.5	0.46	45	4	
CMRR230-005R01-05-045-S04	0.5	0.1	5	0.5	0.46	45	4	
CMRR230-005R01-06-045-S04	0.5	0.1	6	0.5	0.46	45	4	
CMRR230-006R005-02-045-S04	0.6	0.05	2	0.6	0.56	45	4	
CMRR230-006R005-04-045-S04	0.6	0.05	4	0.6	0.56	45	4	
CMRR230-006R005-06-045-S04	0.6	0.05	6	0.6	0.56	45	4	
CMRR230-006R005-08-045-S04	0.6	0.05	8	0.6	0.56	45	4	
CMRR230-006R01-02-045-S04	0.6	0.1	2	0.6	0.56	45	4	
CMRR230-006R01-04-045-S04	0.6	0.1	4	0.6	0.56	45	4	
CMRR230-006R01-06-045-S04	0.6	0.1	6	0.6	0.56	45	4	

CMRR230

CMRR230

모델번호 Model No.	인선직경	코너반경	유효장	날장	목부경	전장	샹크경	비고 Remark
	Dia of Mill	Coner Radius	Effective Length	Length of Cut	Neck Dia	Overall Length	Shank Dia	
	D	CR	l ₁	l ₂	d ₂	L	d	
CMRR230-006R01-08-045-S04	0.6	0.1	8	0.6	0.56	45	4	
CMRR230-008R01-04-045-S04	0.8	0.1	4	0.8	0.76	45	4	
CMRR230-008R01-06-045-S04	0.8	0.1	6	0.8	0.76	45	4	
CMRR230-008R01-08-045-S04	0.8	0.1	8	0.8	0.76	45	4	
CMRR230-010R01-04-045-S04	1	0.1	4	1.5	0.96	45	4	
CMRR230-010R01-06-045-S04	1	0.1	6	1.5	0.96	45	4	
CMRR230-010R01-08-045-S04	1	0.1	8	1.5	0.96	45	4	
CMRR230-010R01-10-045-S04	1	0.1	10	1.5	0.96	45	4	
CMRR230-010R01-12-045-S04	1	0.1	12	1.5	0.96	45	4	
CMRR230-010R02-04-045-S04	1	0.2	4	1.5	0.96	45	4	
CMRR230-010R02-06-045-S04	1	0.2	6	1.5	0.96	45	4	
CMRR230-010R02-08-045-S04	1	0.2	8	1.5	0.96	45	4	
CMRR230-010R02-10-045-S04	1	0.2	10	1.5	0.96	45	4	
CMRR230-010R02-12-045-S04	1	0.2	12	1.5	0.96	45	4	
CMRR230-015R01-06-045-S04	1.5	0.1	6	2.3	1.45	45	4	
CMRR230-015R01-08-045-S04	1.5	0.1	8	2.3	1.45	45	4	
CMRR230-015R01-10-045-S04	1.5	0.1	10	2.3	1.45	45	4	
CMRR230-015R01-12-045-S04	1.5	0.1	12	2.3	1.45	45	4	
CMRR230-015R02-06-045-S04	1.5	0.2	6	2.3	1.45	45	4	
CMRR230-015R02-08-045-S04	1.5	0.2	8	2.3	1.45	45	4	
CMRR230-015R02-10-045-S04	1.5	0.2	10	2.3	1.45	45	4	
CMRR230-015R02-12-045-S04	1.5	0.2	12	2.3	1.45	45	4	
CMRR230-020R02-08-045-S04	2	0.2	8	3	1.9	45	4	
CMRR230-020R02-10-045-S04	2	0.2	10	3	1.9	45	4	
CMRR230-020R02-12-045-S04	2	0.2	12	3	1.9	45	4	
CMRR230-020R02-14-050-S04	2	0.2	14	3	1.9	50	4	
CMRR230-020R02-16-050-S04	2	0.2	16	3	1.9	50	4	
CMRR230-020R03-08-045-S04	2	0.3	8	3	1.9	45	4	
CMRR230-020R03-10-045-S04	2	0.3	10	3	1.9	45	4	
CMRR230-020R03-12-045-S04	2	0.3	12	3	1.9	45	4	
CMRR230-020R03-14-050-S04	2	0.3	14	3	1.9	50	4	
CMRR230-020R03-16-050-S04	2	0.3	16	3	1.9	50	4	
CMRR230-020R05-08-045-S04	2	0.5	8	3	1.9	45	4	
CMRR230-020R05-10-045-S04	2	0.5	10	3	1.9	45	4	
CMRR230-020R05-12-045-S04	2	0.5	12	3	1.9	45	4	
CMRR230-020R05-14-050-S04	2	0.5	14	3	1.9	50	4	
CMRR230-020R05-16-050-S04	2	0.5	16	3	1.9	50	4	
CMRR230-030R02-12-050-S06	3	0.2	12	4.5	2.85	50	6	
CMRR230-030R02-16-060-S06	3	0.2	16	4.5	2.85	60	6	
CMRR230-030R02-20-060-S06	3	0.2	20	4.5	2.85	60	6	
CMRR230-030R03-12-050-S06	3	0.3	12	4.5	2.85	50	6	
CMRR230-030R03-16-060-S06	3	0.3	16	4.5	2.85	60	6	
CMRR230-030R03-20-060-S06	3	0.3	20	4.5	2.85	60	6	
CMRR230-030R05-12-050-S06	3	0.5	12	4.5	2.85	50	6	
CMRR230-030R05-16-060-S06	3	0.5	16	4.5	2.85	60	6	
CMRR230-030R05-20-060-S06	3	0.5	20	4.5	2.85	60	6	
CMRR230-040R02-16-060-S06	4	0.2	16	6	3.85	60	6	
CMRR230-040R02-20-060-S06	4	0.2	20	6	3.85	60	6	

모델번호 Model No.	인선직경	코너반경	유효장	날장	목부경	전장	샹크경	비고 Remark
	Dia of Mill	Coner Radius	Effective Length	Length of Cut	Neck Dia	Overall Length	Shank Dia	
	D	CR	l ₁	l ₂	d ₂	L	d	
CMRR230-040R02-25-070-S06	4	0.2	25	6	3.85	70	6	
CMRR230-040R03-16-060-S06	4	0.3	16	6	3.85	60	6	
CMRR230-040R03-20-060-S06	4	0.3	20	6	3.85	60	6	
CMRR230-040R03-25-070-S06	4	0.3	25	6	3.85	70	6	
CMRR230-040R05-16-060-S06	4	0.5	16	6	3.85	60	6	
CMRR230-040R05-20-060-S06	4	0.5	20	6	3.85	60	6	
CMRR230-040R05-25-070-S06	4	0.5	25	6	3.85	70	6	
CMRR230-060R03-20-060-S06	6	0.3	20	9	5.7	60	6	
CMRR230-060R05-20-060-S06	6	0.5	20	9	5.7	60	6	
CMRR230-060R10-20-060-S06	6	1	20	9	5.7	60	6	
CMRR230-080R05-24-065-S08	8	0.5	24	12	7.7	65	8	
CMRR230-080R10-24-065-S08	8	1	24	12	7.7	65	8	
CMRR230-100R05-30-070-S10	10	0.5	30	15	9.7	70	10	
CMRR230-100R10-30-070-S10	10	1	30	15	9.7	70	10	
CMRR230-120R05-30-080-S12	12	0.5	30	18	11.7	80	12	
CMRR230-120R10-30-080-S12	12	1	30	18	11.7	80	12	

CO-MAX

볼

Ball

라디우스

Radius

스퀘어

Square

CO-MAX

볼

Ball

라디우스

Radius

스퀘어

Square