

HMR230

HY-MAX 래디우스 엔드밀 2날 헬릭스30°
HY-MAX Radius End Mill 2-Flute Helix30°



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

CARBIDE ULTRA **TiSiN** **2** **30° Helix** **CR ±0.005** **CR ±0.01** **D 0/-0.008** **D 0/-0.015** **Shank h5** **Slot** **Side** **Face**

R < 0.5 R ≥ 0.5 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/mm²	SCM ~35HRC	NAK/HPM ~45HRC	SKD61 ~55HRC	SKD11 ~60HRC	SKH ~62HRC					
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단위(mm)/Unit(mm)

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	
HMR230-002R002-045-S04	0.2	0.02	0.4	45	4	
HMR230-002R005-045-S04	0.2	0.05	0.4	45	4	
HMR230-003R005-045-S04	0.3	0.05	0.6	45	4	
HMR230-003R01-045-S04	0.3	0.1	0.6	45	4	
HMR230-004R005-045-S04	0.4	0.05	0.8	45	4	
HMR230-004R01-045-S04	0.4	0.1	0.8	45	4	
HMR230-005R005-045-S04	0.5	0.05	1	45	4	
HMR230-005R01-045-S04	0.5	0.1	1	45	4	
HMR230-006R005-045-S04	0.6	0.05	1.2	45	4	
HMR230-006R01-045-S04	0.6	0.1	1.2	45	4	
HMR230-006R02-045-S04	0.6	0.2	1.2	45	4	
HMR230-007R005-045-S04	0.7	0.05	1.4	45	4	
HMR230-007R01-045-S04	0.7	0.1	1.4	45	4	
HMR230-007R02-045-S04	0.7	0.2	1.4	45	4	
HMR230-008R005-045-S04	0.8	0.05	1.6	45	4	
HMR230-008R01-045-S04	0.8	0.1	1.6	45	4	
HMR230-008R02-045-S04	0.8	0.2	1.6	45	4	
HMR230-010R005-045-S04	1	0.05	2.5	45	4	
HMR230-010R01-045-S04	1	0.1	2.5	45	4	
HMR230-010R02-045-S04	1	0.2	2.5	45	4	
HMR230-010R03-045-S04	1	0.3	2.5	45	4	
HMR230-012R01-045-S04	1.2	0.1	3	45	4	
HMR230-012R02-045-S04	1.2	0.2	3	45	4	
HMR230-012R03-045-S04	1.2	0.3	3	45	4	
HMR230-015R01-045-S04	1.5	0.1	4	45	4	
HMR230-015R02-045-S04	1.5	0.2	4	45	4	
HMR230-015R03-045-S04	1.5	0.3	4	45	4	

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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	
HMR230-015R05-045-S04	1.5	0.5	4	45	4	
HMR230-020R01-045-S04	2	0.1	6	45	4	
HMR230-020R02-045-S04	2	0.2	6	45	4	
HMR230-020R03-045-S04	2	0.3	6	45	4	
HMR230-020R05-045-S04	2	0.5	6	45	4	
HMR230-025R01-045-S04	2.5	0.1	7	45	4	
HMR230-025R02-045-S04	2.5	0.2	7	45	4	
HMR230-025R03-045-S04	2.5	0.3	7	45	4	
HMR230-025R05-045-S04	2.5	0.5	7	45	4	
HMR230-030R01-060-S06	3	0.1	8	60	6	
HMR230-030R02-060-S06	3	0.2	8	60	6	
HMR230-030R03-060-S06	3	0.3	8	60	6	
HMR230-030R05-060-S06	3	0.5	8	60	6	
HMR230-030R10-060-S06	3	1	8	60	6	
HMR230-040R01-050-S04	4	0.1	10	50	4	
HMR230-040R02-050-S04	4	0.2	10	50	4	
HMR230-040R03-050-S04	4	0.3	10	50	4	
HMR230-040R05-050-S04	4	0.5	10	50	4	
HMR230-040R10-050-S04	4	1	10	50	4	
HMR230-040R01-070-S06	4	0.1	10	70	6	
HMR230-040R02-070-S06	4	0.2	10	70	6	
HMR230-040R03-070-S06	4	0.3	10	70	6	
HMR230-040R05-070-S06	4	0.5	10	70	6	
HMR230-040R10-070-S06	4	1	10	70	6	
HMR230-050R02-070-S06	5	0.2	10	70	6	
HMR230-050R03-070-S06	5	0.3	10	70	6	
HMR230-050R05-070-S06	5	0.5	10	70	6	
HMR230-050R10-070-S06	5	1	10	70	6	
HMR230-060R02-060-S06	6	0.2	12	60	6	
HMR230-060R02-090-S06	6	0.2	12	90	6	
HMR230-060R03-060-S06	6	0.3	12	60	6	
HMR230-060R03-090-S06	6	0.3	12	90	6	
HMR230-060R05-060-S06	6	0.5	12	60	6	
HMR230-060R05-090-S06	6	0.5	12	90	6	
HMR230-060R10-060-S06	6	1	12	60	6	
HMR230-060R10-090-S06	6	1	12	90	6	
HMR230-080R02-060-S08	8	0.2	16	60	8	
HMR230-080R02-090-S08	8	0.2	16	90	8	
HMR230-080R03-060-S08	8	0.3	16	60	8	
HMR230-080R03-090-S08	8	0.3	16	90	8	
HMR230-080R05-060-S08	8	0.5	16	60	8	
HMR230-080R05-090-S08	8	0.5	16	90	8	
HMR230-080R10-060-S08	8	1	16	60	8	
HMR230-080R10-090-S08	8	1	16	90	8	
HMR230-100R02-070-S10	10	0.2	20	70	10	
HMR230-100R02-100-S10	10	0.2	20	100	10	
HMR230-100R03-070-S10	10	0.3	20	70	10	
HMR230-100R03-100-S10	10	0.3	20	100	10	

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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	
HMR230-100R03-130-S10	10	0.3	20	130	10	
 HMR230-100R05-070-S10	10	0.5	20	70	10	
HMR230-100R05-100-S10	10	0.5	20	100	10	
HMR230-100R05-130-S10	10	0.5	20	130	10	
 HMR230-100R10-070-S10	10	1	20	70	10	
HMR230-100R10-100-S10	10	1	20	100	10	
HMR230-100R10-130-S10	10	1	20	130	10	
 HMR230-120R02-080-S12	12	0.2	24	80	12	
 HMR230-120R02-100-S12	12	0.2	24	100	12	
 HMR230-120R05-080-S12	12	0.5	24	80	12	
HMR230-120R05-100-S12	12	0.5	24	100	12	
HMR230-120R05-130-S12	12	0.5	24	130	12	
 HMR230-120R10-080-S12	12	1	24	80	12	
HMR230-120R10-100-S12	12	1	24	100	12	
HMR230-120R10-130-S12	12	1	24	130	12	

HMRR430

HY-MAX 리브 래디우스 엔드밀 4날 헬릭스30°

HY-MAX Rib Radius End Mill 4-Flute Helix30°



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/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	생크경 Shank Dia	비고 Remark
	D	CR	l ₂	l ₁	d ₂	L	d	
 HMRR430-006R005-02-045-S04	0.6	0.05	2	0.6	0.56	45	4	
 HMRR430-006R005-03-045-S04	0.6	0.05	3	0.6	0.56	45	4	
 HMRR430-006R005-04-045-S04	0.6	0.05	4	0.6	0.56	45	4	
 HMRR430-006R005-06-045-S04	0.6	0.05	6	0.6	0.56	45	4	
 HMRR430-006R01-02-045-S04	0.6	0.1	2	0.6	0.56	45	4	
 HMRR430-006R01-03-045-S04	0.6	0.1	3	0.6	0.56	45	4	
 HMRR430-006R01-04-045-S04	0.6	0.1	4	0.6	0.56	45	4	
 HMRR430-006R01-06-045-S04	0.6	0.1	6	0.6	0.56	45	4	
 HMRR430-008R005-02-045-S04	0.8	0.05	2	0.8	0.76	45	4	
 HMRR430-008R005-04-045-S04	0.8	0.05	4	0.8	0.76	45	4	
 HMRR430-008R005-06-045-S04	0.8	0.05	6	0.8	0.76	45	4	
 HMRR430-008R005-08-045-S04	0.8	0.05	8	0.8	0.76	45	4	
 HMRR430-008R01-02-045-S04	0.8	0.1	2	0.8	0.76	45	4	
 HMRR430-008R01-04-045-S04	0.8	0.1	4	0.8	0.76	45	4	
 HMRR430-008R01-06-045-S04	0.8	0.1	6	0.8	0.76	45	4	
 HMRR430-008R01-08-045-S04	0.8	0.1	8	0.8	0.76	45	4	
 HMRR430-008R02-02-045-S04	0.8	0.2	2	0.8	0.76	45	4	
 HMRR430-008R02-04-045-S04	0.8	0.2	4	0.8	0.76	45	4	
 HMRR430-008R02-06-045-S04	0.8	0.2	6	0.8	0.76	45	4	
 HMRR430-008R02-08-045-S04	0.8	0.2	8	0.8	0.76	45	4	
HMRR430-010R005-025-045-S04	1	0.05	2.5	1.5	0.96	45	4	
HMRR430-010R005-04-045-S04	1	0.05	4	1.5	0.96	45	4	
HMRR430-010R005-06-045-S04	1	0.05	6	1.5	0.96	45	4	
HMRR430-010R005-08-045-S04	1	0.05	8	1.5	0.96	45	4	
HMRR430-010R005-10-045-S04	1	0.05	10	1.5	0.96	45	4	
HMRR430-010R005-12-045-S04	1	0.05	12	1.5	0.96	45	4	
HMRR430-010R01-025-045-S04	1	0.1	2.5	1.5	0.96	45	4	