

HMR230

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°



* 적용 피삭재 (Applicable Work Material)

◎ : 최적 (Most Suitable)

○ : 가능 (Applicable)

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	

HMRR430

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	
HMRR430-010R01-04-045-S04	1	0.1	4	1.5	0.96	45	4	
HMRR430-010R01-06-045-S04	1	0.1	6	1.5	0.96	45	4	
HMRR430-010R01-08-045-S04	1	0.1	8	1.5	0.96	45	4	
HMRR430-010R01-10-045-S04	1	0.1	10	1.5	0.96	45	4	
HMRR430-010R01-12-045-S04	1	0.1	12	1.5	0.96	45	4	
HMRR430-010R02-025-045-S04	1	0.2	2.5	1.5	0.96	45	4	
HMRR430-010R02-04-045-S04	1	0.2	4	1.5	0.96	45	4	
HMRR430-010R02-06-045-S04	1	0.2	6	1.5	0.96	45	4	
HMRR430-010R02-08-045-S04	1	0.2	8	1.5	0.96	45	4	
HMRR430-010R02-10-045-S04	1	0.2	10	1.5	0.96	45	4	
HMRR430-010R02-12-045-S04	1	0.2	12	1.5	0.96	45	4	
HMRR430-010R03-025-045-S04	1	0.3	2.5	1.5	0.96	45	4	
HMRR430-010R03-04-045-S04	1	0.3	4	1.5	0.96	45	4	
HMRR430-010R03-06-045-S04	1	0.3	6	1.5	0.96	45	4	
HMRR430-010R03-08-045-S04	1	0.3	8	1.5	0.96	45	4	
HMRR430-010R03-10-045-S04	1	0.3	10	1.5	0.96	45	4	
HMRR430-010R03-12-045-S04	1	0.3	12	1.5	0.96	45	4	
HMRR430-015R01-04-045-S04	1.5	0.1	4	2.3	1.45	45	4	
HMRR430-015R01-06-045-S04	1.5	0.1	6	2.3	1.45	45	4	
HMRR430-015R01-08-045-S04	1.5	0.1	8	2.3	1.45	45	4	
HMRR430-015R01-10-045-S04	1.5	0.1	10	2.3	1.45	45	4	
HMRR430-015R01-12-045-S04	1.5	0.1	12	2.3	1.45	45	4	
HMRR430-015R01-14-050-S04	1.5	0.1	14	2.3	1.45	50	4	
HMRR430-015R01-16-050-S04	1.5	0.1	16	2.3	1.45	50	4	
HMRR430-015R01-20-060-S04	1.5	0.1	20	2.3	1.45	60	4	
HMRR430-015R02-04-045-S04	1.5	0.2	4	2.3	1.45	45	4	
HMRR430-015R02-06-045-S04	1.5	0.2	6	2.3	1.45	45	4	
HMRR430-015R02-08-045-S04	1.5	0.2	8	2.3	1.45	45	4	
HMRR430-015R02-10-045-S04	1.5	0.2	10	2.3	1.45	45	4	
HMRR430-015R02-12-045-S04	1.5	0.2	12	2.3	1.45	45	4	
HMRR430-015R02-14-050-S04	1.5	0.2	14	2.3	1.45	50	4	
HMRR430-015R02-16-050-S04	1.5	0.2	16	2.3	1.45	50	4	
HMRR430-015R02-20-060-S04	1.5	0.2	20	2.3	1.45	60	4	
HMRR430-015R03-04-045-S04	1.5	0.3	4	2.3	1.45	45	4	
HMRR430-015R03-06-045-S04	1.5	0.3	6	2.3	1.45	45	4	
HMRR430-015R03-08-045-S04	1.5	0.3	8	2.3	1.45	45	4	
HMRR430-015R03-10-045-S04	1.5	0.3	10	2.3	1.45	45	4	
HMRR430-015R03-12-045-S04	1.5	0.3	12	2.3	1.45	45	4	
HMRR430-015R03-14-050-S04	1.5	0.3	14	2.3	1.45	50	4	
HMRR430-015R03-16-050-S04	1.5	0.3	16	2.3	1.45	50	4	
HMRR430-015R03-20-060-S04	1.5	0.3	20	2.3	1.45	60	4	
HMRR430-015R05-04-045-S04	1.5	0.5	4	2.3	1.45	45	4	
HMRR430-015R05-06-045-S04	1.5	0.5	6	2.3	1.45	45	4	
HMRR430-015R05-08-045-S04	1.5	0.5	8	2.3	1.45	45	4	
HMRR430-015R05-10-045-S04	1.5	0.5	10	2.3	1.45	45	4	
HMRR430-015R05-12-045-S04	1.5	0.5	12	2.3	1.45	45	4	
HMRR430-015R05-14-050-S04	1.5	0.5	14	2.3	1.45	50	4	
HMRR430-015R05-16-050-S04	1.5	0.5	16	2.3	1.45	50	4	

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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	
HMRR430-015R05-20-060-S04	1.5	0.5	20	2.3	1.45	60	4	
HMRR430-020R01-06-045-S04	2	0.1	6	3	1.9	45	4	
HMRR430-020R01-08-045-S04	2	0.1	8	3	1.9	45	4	
HMRR430-020R01-10-045-S04	2	0.1	10	3	1.9	45	4	
HMRR430-020R01-12-045-S04	2	0.1	12	3	1.9	45	4	
HMRR430-020R01-14-050-S04	2	0.1	14	3	1.9	50	4	
HMRR430-020R01-16-050-S04	2	0.1	16	3	1.9	50	4	
HMRR430-020R01-20-060-S04	2	0.1	20	3	1.9	60	4	
HMRR430-020R02-06-045-S04	2	0.2	6	3	1.9	45	4	
HMRR430-020R02-08-045-S04	2	0.2	8	3	1.9	45	4	
HMRR430-020R02-10-045-S04	2	0.2	10	3	1.9	45	4	
HMRR430-020R02-12-045-S04	2	0.2	12	3	1.9	45	4	
HMRR430-020R02-14-050-S04	2	0.2	14	3	1.9	50	4	
HMRR430-020R02-16-050-S04	2	0.2	16	3	1.9	50	4	
HMRR430-020R02-20-060-S04	2	0.2	20	3	1.9	60	4	
HMRR430-020R03-06-045-S04	2	0.3	6	3	1.9	45	4	
HMRR430-020R03-08-045-S04	2	0.3	8	3	1.9	45	4	
HMRR430-020R03-10-045-S04	2	0.3	10	3	1.9	45	4	
HMRR430-020R03-12-045-S04	2	0.3	12	3	1.9	45	4	
HMRR430-020R03-14-050-S04	2	0.3	14	3	1.9	50	4	
HMRR430-020R03-16-050-S04	2	0.3	16	3	1.9	50	4	
HMRR430-020R03-20-060-S04	2	0.3	20	3	1.9	60	4	
HMRR430-020R05-06-045-S04	2	0.5	6	3	1.9	45	4	
HMRR430-020R05-08-045-S04	2	0.5	8	3	1.9	45	4	
HMRR430-020R05-10-045-S04	2	0.5	10	3	1.9	45	4	
HMRR430-020R05-12-045-S04	2	0.5	12	3	1.9	45	4	
HMRR430-020R05-14-050-S04	2	0.5	14	3	1.9	50	4	
HMRR430-020R05-16-050-S04	2	0.5	16	3	1.9	50	4	
HMRR430-020R05-20-060-S04	2	0.5	20	3	1.9	60	4	
HMRR430-025R02-10-045-S04	2.5	0.2	10	4	2.35	45	4	
HMRR430-025R02-16-050-S04	2.5	0.2	16	4	2.35	50	4	
HMRR430-025R02-20-060-S04	2.5	0.2	20	4	2.35	60	4	
HMRR430-025R05-10-045-S04	2.5	0.5	10	4	2.35	45	4	
HMRR430-025R05-16-050-S04	2.5	0.5	16	4	2.35	50	4	
HMRR430-025R05-20-060-S04	2.5	0.5	20	4	2.35	60	4	
HMRR430-030R01-10-050-S06	3	0.1	10	4.5	2.85	50	6	
HMRR430-030R01-12-050-S06	3	0.1	12	4.5	2.85	50	6	
HMRR430-030R01-16-060-S06	3	0.1	16	4.5	2.85	60	6	
HMRR430-030R01-20-060-S06	3	0.1	20	4.5	2.85	60	6	
HMRR430-030R01-25-070-S06	3	0.1	25	4.5	2.85	70	6	
HMRR430-030R01-30-070-S06	3	0.1	30	4.5	2.85	70	6	
HMRR430-030R01-35-080-S06	3	0.1	35	4.5	2.85	80	6	
HMRR430-030R02-10-050-S06	3	0.2	10	4.5	2.85	50	6	
HMRR430-030R02-12-050-S06	3	0.2	12	4.5	2.85	50	6	
HMRR430-030R02-16-060-S06	3	0.2	16	4.5	2.85	60	6	
HMRR430-030R02-20-060-S06	3	0.2	20	4.5	2.85	60	6	
HMRR430-030R02-25-070-S06	3	0.2	25	4.5	2.85	70	6	
HMRR430-030R02-30-070-S06	3	0.2	30	4.5	2.85	70	6	

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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	
HMRR430-030R02-35-080-S06	3	0.2	35	4.5	2.85	80	6	
HMRR430-030R03-10-050-S06	3	0.3	10	4.5	2.85	50	6	
HMRR430-030R03-12-050-S06	3	0.3	12	4.5	2.85	50	6	
HMRR430-030R03-16-060-S06	3	0.3	16	4.5	2.85	60	6	
HMRR430-030R03-20-060-S06	3	0.3	20	4.5	2.85	60	6	
HMRR430-030R03-25-070-S06	3	0.3	25	4.5	2.85	70	6	
HMRR430-030R03-30-070-S06	3	0.3	30	4.5	2.85	70	6	
HMRR430-030R03-35-080-S06	3	0.3	35	4.5	2.85	80	6	
HMRR430-030R05-10-050-S06	3	0.5	10	4.5	2.85	50	6	
HMRR430-030R05-12-050-S06	3	0.5	12	4.5	2.85	50	6	
HMRR430-030R05-16-060-S06	3	0.5	16	4.5	2.85	60	6	
HMRR430-030R05-20-060-S06	3	0.5	20	4.5	2.85	60	6	
HMRR430-030R05-25-070-S06	3	0.5	25	4.5	2.85	70	6	
HMRR430-030R05-30-070-S06	3	0.5	30	4.5	2.85	70	6	
HMRR430-030R05-35-080-S06	3	0.5	35	4.5	2.85	80	6	
HMRR430-030R10-10-050-S06	3	1	10	4.5	2.85	50	6	
HMRR430-030R10-12-050-S06	3	1	12	4.5	2.85	50	6	
HMRR430-030R10-16-060-S06	3	1	16	4.5	2.85	60	6	
HMRR430-030R10-20-060-S06	3	1	20	4.5	2.85	60	6	
HMRR430-030R10-25-070-S06	3	1	25	4.5	2.85	70	6	
HMRR430-030R10-30-070-S06	3	1	30	4.5	2.85	70	6	
HMRR430-030R10-35-080-S06	3	1	35	4.5	2.85	80	6	
HMRR430-040R01-12-050-S06	4	0.1	12	6	3.85	50	6	
HMRR430-040R01-16-060-S06	4	0.1	16	6	3.85	60	6	
HMRR430-040R01-20-060-S06	4	0.1	20	6	3.85	60	6	
HMRR430-040R01-25-070-S06	4	0.1	25	6	3.85	70	6	
HMRR430-040R01-30-070-S06	4	0.1	30	6	3.85	70	6	
HMRR430-040R01-35-080-S06	4	0.1	35	6	3.85	80	6	
HMRR430-040R02-12-050-S06	4	0.2	12	6	3.85	50	6	
HMRR430-040R02-16-060-S06	4	0.2	16	6	3.85	60	6	
HMRR430-040R02-20-060-S06	4	0.2	20	6	3.85	60	6	
HMRR430-040R02-25-070-S06	4	0.2	25	6	3.85	70	6	
HMRR430-040R02-30-070-S06	4	0.2	30	6	3.85	70	6	
HMRR430-040R02-35-080-S06	4	0.2	35	6	3.85	80	6	
HMRR430-040R03-12-050-S06	4	0.3	12	6	3.85	50	6	
HMRR430-040R03-16-060-S06	4	0.3	16	6	3.85	60	6	
HMRR430-040R03-20-060-S06	4	0.3	20	6	3.85	60	6	
HMRR430-040R03-25-070-S06	4	0.3	25	6	3.85	70	6	
HMRR430-040R03-30-070-S06	4	0.3	30	6	3.85	70	6	
HMRR430-040R03-35-080-S06	4	0.3	35	6	3.85	80	6	
HMRR430-040R05-12-050-S06	4	0.5	12	6	3.85	50	6	
HMRR430-040R05-16-060-S06	4	0.5	16	6	3.85	60	6	
HMRR430-040R05-20-060-S06	4	0.5	20	6	3.85	60	6	
HMRR430-040R05-25-070-S06	4	0.5	25	6	3.85	70	6	
HMRR430-040R05-30-070-S06	4	0.5	30	6	3.85	70	6	
HMRR430-040R05-35-080-S06	4	0.5	35	6	3.85	80	6	
HMRR430-040R10-12-050-S06	4	1	12	6	3.85	50	6	
HMRR430-040R10-16-060-S06	4	1	16	6	3.85	60	6	

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	D	CR	l ₂	l ₁	d ₂	L	d	
HMRR430-040R10-20-060-S06	4	1	20	6	3.85	60	6	
HMRR430-040R10-25-070-S06	4	1	25	6	3.85	70	6	
HMRR430-040R10-30-070-S06	4	1	30	6	3.85	70	6	
HMRR430-040R10-35-080-S06	4	1	35	6	3.85	80	6	
HMRR430-050R02-20-060-S06	5	0.2	20	7.5	4.8	60	6	
HMRR430-050R03-20-060-S06	5	0.3	20	7.5	4.8	60	6	
HMRR430-050R05-20-060-S06	5	0.5	20	7.5	4.8	60	6	
HMRR430-050R10-20-060-S06	5	1	20	7.5	4.8	60	6	
HMRR430-060R02-20-060-S06	6	0.2	20	9	5.7	60	6	
HMRR430-060R02-30-090-S06	6	0.2	30	9	5.7	90	6	
HMRR430-060R03-20-060-S06	6	0.3	20	9	5.7	60	6	
HMRR430-060R03-30-090-S06	6	0.3	30	9	5.7	90	6	
HMRR430-060R05-20-060-S06	6	0.5	20	9	5.7	60	6	
HMRR430-060R05-30-090-S06	6	0.5	30	9	5.7	90	6	
HMRR430-060R10-20-060-S06	6	1	20	9	5.7	60	6	
HMRR430-060R10-30-090-S06	6	1	30	9	5.7	90	6	
NEW HMRR430-080R02-24-065-S08	8	0.2	24	12	7.7	65	8	
NEW HMRR430-080R02-40-090-S08	8	0.2	40	12	7.7	90	8	
HMRR430-080R03-24-065-S08	8	0.3	24	12	7.7	65	8	
HMRR430-080R03-40-090-S08	8	0.3	40	12	7.7	90	8	
HMRR430-080R05-24-065-S08	8	0.5	24	12	7.7	65	8	
HMRR430-080R05-40-090-S08	8	0.5	40	12	7.7	90	8	
HMRR430-080R10-24-065-S08	8	1	24	12	7.7	65	8	
HMRR430-080R10-40-090-S08	8	1	40	12	7.7	90	8	
HMRR430-080R20-24-065-S08	8	2	24	12	7.7	65	8	
HMRR430-080R20-40-090-S08	8	2	40	12	7.7	90	8	
NEW HMRR430-100R02-30-070-S10	10	0.2	30	15	9.7	70	10	
NEW HMRR430-100R02-50-100-S10	10	0.2	50	15	9.7	100	10	
HMRR430-100R03-30-070-S10	10	0.3	30	15	9.7	70	10	
HMRR430-100R03-50-100-S10	10	0.3	50	15	9.7	100	10	
HMRR430-100R05-30-070-S10	10	0.5	30	15	9.7	70	10	
HMRR430-100R05-50-100-S10	10	0.5	50	15	9.7	100	10	
HMRR430-100R10-30-070-S10	10	1	30	15	9.7	70	10	
HMRR430-100R10-50-100-S10	10	1	50	15	9.7	100	10	
HMRR430-100R20-30-070-S10	10	2	30	15	9.7	70	10	
HMRR430-100R20-50-100-S10	10	2	50	15	9.7	100	10	
NEW HMRR430-120R02-30-080-S12	12	0.2	30	18	11.7	80	12	
NEW HMRR430-120R02-55-100-S12	12	0.2	55	18	11.7	100	12	
NEW HMRR430-120R02-60-150-S12	12	0.2	60	18	11.7	150	12	
HMRR430-120R05-30-080-S12	12	0.5	30	18	11.7	80	12	
HMRR430-120R05-55-100-S12	12	0.5	55	18	11.7	100	12	
HMRR430-120R05-60-150-S12	12	0.5	60	18	11.7	150	12	
HMRR430-120R10-30-080-S12	12	1	30	18	11.7	80	12	
HMRR430-120R10-55-100-S12	12	1	55	18	11.7	100	12	
HMRR430-120R10-60-150-S12	12	1	60	18	11.7	150	12	
HMRR430-120R20-30-080-S12	12	2	30	18	11.7	80	12	
HMRR430-120R20-55-100-S12	12	2	55	18	11.7	100	12	
HMRR430-120R20-60-150-S12	12	2	60	18	11.7	150	12	

볼 Ball
라디우스 Radius
스퀘어 Square