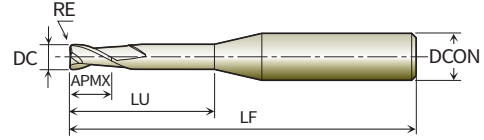


2HRR

2 Ağızlı Boyunlu Köşe Radüs Karbür Frezeler

2 Flutes Rib Corner Radius End Mills



(Unit: mm)

제품코드 Product Code	직경 DC	날수 ZEPF	반경 RE	날장 APMX	유효장 LU	생크경 DCON	전장 LF
2HRR-002-R002-005-445	0.2	2	R0.02	0.3	0.5	4	45
2HRR-002-R002-010-445	0.2	2	R0.02	0.3	1	4	45
2HRR-002-R002-015-445	0.2	2	R0.02	0.3	1.5	4	45
2HRR-002-R005-010-445	0.2	2	R0.05	0.3	1	4	45
2HRR-002-R005-015-445	0.2	2	R0.05	0.3	1.5	4	45
2HRR-003-R005-010-445	0.3	2	R0.05	0.45	1	4	45
2HRR-003-R005-020-445	0.3	2	R0.05	0.45	2	4	45
2HRR-003-R005-030-445	0.3	2	R0.05	0.45	3	4	45
2HRR-004-R005-010-445	0.4	2	R0.05	0.6	1	4	45
2HRR-004-R005-020-445	0.4	2	R0.05	0.6	2	4	45
2HRR-004-R005-030-445	0.4	2	R0.05	0.6	3	4	45
2HRR-004-R005-040-445	0.4	2	R0.05	0.6	4	4	45
2HRR-004-R01-010-445	0.4	2	R0.1	0.6	1	4	45
2HRR-004-R01-015-445	0.4	2	R0.1	0.6	1.5	4	45
2HRR-004-R01-020-445	0.4	2	R0.1	0.6	2	4	45
2HRR-004-R01-030-445	0.4	2	R0.1	0.6	3	4	45
2HRR-004-R01-040-445	0.4	2	R0.1	0.6	4	4	45
2HRR-005-R002-010-445	0.5	2	R0.02	0.7	1	4	45
2HRR-005-R002-015-445	0.5	2	R0.02	0.7	1.5	4	45
2HRR-005-R002-020-445	0.5	2	R0.02	0.7	2	4	45
2HRR-005-R002-025-445	0.5	2	R0.02	0.7	2.5	4	45
2HRR-005-R002-030-445	0.5	2	R0.02	0.7	3	4	45
2HRR-005-R002-040-445	0.5	2	R0.02	0.7	4	4	45
2HRR-005-R002-050-445	0.5	2	R0.02	0.7	5	4	45
2HRR-005-R002-060-445	0.5	2	R0.02	0.7	6	4	45

R-PRO

H-PRO

A-PRO

X-PRO

SUS MILL

S-PRO

D-PRO

A-PLUS

AL-PRO

AL MILL

ABS

MICRO
GRAIN

MULTI

Technical data



KALIP TEKNİK

(Unit: mm)

	R-PRO	제품코드 Product Code	직경 DC	날수 ZEFP	반경 RE	날장 APMX	유효장 LU	생크경 DCON	전장 LF
		2HRR-005-R002-080-445	0.5	2	R0.02	0.7	8	4	45
	H-PRO	2HRR-005-R002-100-445	0.5	2	R0.02	0.7	10	4	45
		2HRR-005-R005-010-445	0.5	2	R0.05	0.7	1	4	45
		2HRR-005-R005-015-445	0.5	2	R0.05	0.7	1.5	4	45
	A-PRO	2HRR-005-R005-020-445	0.5	2	R0.05	0.7	2	4	45
		2HRR-005-R005-025-445	0.5	2	R0.05	0.7	2.5	4	45
		2HRR-005-R005-030-445	0.5	2	R0.05	0.7	3	4	45
	X-PRO	2HRR-005-R005-040-445	0.5	2	R0.05	0.7	4	4	45
		2HRR-005-R005-050-445	0.5	2	R0.05	0.7	5	4	45
		2HRR-005-R005-060-445	0.5	2	R0.05	0.7	6	4	45
	SUS MILL	2HRR-005-R005-080-445	0.5	2	R0.05	0.7	8	4	45
		2HRR-005-R005-100-445	0.5	2	R0.05	0.7	10	4	45
		2HRR-005-R01-010-445	0.5	2	R0.1	0.7	1	4	45
	S-PRO	2HRR-005-R01-015-445	0.5	2	R0.1	0.7	1.5	4	45
		2HRR-005-R01-020-445	0.5	2	R0.1	0.7	2	4	45
		2HRR-005-R01-025-445	0.5	2	R0.1	0.7	2.5	4	45
	D-PRO	2HRR-005-R01-030-445	0.5	2	R0.1	0.7	3	4	45
		2HRR-005-R01-040-445	0.5	2	R0.1	0.7	4	4	45
		2HRR-005-R01-050-445	0.5	2	R0.1	0.7	5	4	45
	A-PLUS	2HRR-005-R01-060-445	0.5	2	R0.1	0.7	6	4	45
		2HRR-005-R01-080-445	0.5	2	R0.1	0.7	8	4	45
		2HRR-005-R01-100-445	0.5	2	R0.1	0.7	10	4	45
	AL-PRO	2HRR-006-R002-020-445	0.6	2	R0.02	0.9	2	4	45
		2HRR-006-R002-030-445	0.6	2	R0.02	0.9	3	4	45
		2HRR-006-R002-040-445	0.6	2	R0.02	0.9	4	4	45
	AL MILL	2HRR-006-R002-060-445	0.6	2	R0.02	0.9	6	4	45
		2HRR-006-R002-080-445	0.6	2	R0.02	0.9	8	4	45
		2HRR-006-R002-100-445	0.6	2	R0.02	0.9	10	4	45
	ABS	2HRR-006-R005-020-445	0.6	2	R0.05	0.9	2	4	45
		2HRR-006-R005-030-445	0.6	2	R0.05	0.9	3	4	45
		2HRR-006-R005-040-445	0.6	2	R0.05	0.9	4	4	45
	MICRO GRAIN	2HRR-006-R005-060-445	0.6	2	R0.05	0.9	6	4	45
		2HRR-006-R005-080-445	0.6	2	R0.05	0.9	8	4	45
		2HRR-006-R005-100-445	0.6	2	R0.05	0.9	10	4	45
	MULTI	2HRR-006-R01-020-445	0.6	2	R0.1	0.9	2	4	45
		2HRR-006-R01-030-445	0.6	2	R0.1	0.9	3	4	45
	Technical data	2HRR-006-R01-040-445	0.6	2	R0.1	0.9	4	4	45
		2HRR-006-R01-060-445	0.6	2	R0.1	0.9	6	4	45
		2HRR-006-R01-080-445	0.6	2	R0.1	0.9	8	4	45



(Unit: mm)

제품코드 Product Code	직경 DC	날수 ZEPF	반경 RE	날장 APMX	유효장 LU	생크경 DCON	전장 LF
2HRR-006-R01-100-445	0.6	2	R0.1	0.9	10	4	45
2HRR-007-R01-020-445	0.7	2	R0.1	1	2	4	45
2HRR-007-R01-040-445	0.7	2	R0.1	1	4	4	45
2HRR-007-R01-060-445	0.7	2	R0.1	1	6	4	45
2HRR-008-R002-020-445	0.8	2	R0.02	1.2	2	4	45
2HRR-008-R002-040-445	0.8	2	R0.02	1.2	4	4	45
2HRR-008-R002-060-445	0.8	2	R0.02	1.2	6	4	45
2HRR-008-R002-080-445	0.8	2	R0.02	1.2	8	4	45
2HRR-008-R002-100-445	0.8	2	R0.02	1.2	10	4	45
2HRR-008-R005-020-445	0.8	2	R0.05	1.2	2	4	45
2HRR-008-R005-040-445	0.8	2	R0.05	1.2	4	4	45
2HRR-008-R005-060-445	0.8	2	R0.05	1.2	6	4	45
2HRR-008-R005-080-445	0.8	2	R0.05	1.2	8	4	45
2HRR-008-R005-100-445	0.8	2	R0.05	1.2	10	4	45
2HRR-008-R01-020-445	0.8	2	R0.1	1.2	2	4	45
2HRR-008-R01-040-445	0.8	2	R0.1	1.2	4	4	45
2HRR-008-R01-060-445	0.8	2	R0.1	1.2	6	4	45
2HRR-008-R01-080-445	0.8	2	R0.1	1.2	8	4	45
2HRR-008-R01-100-445	0.8	2	R0.1	1.2	10	4	45
2HRR-008-R02-020-445	0.8	2	R0.2	1.2	2	4	45
2HRR-008-R02-040-445	0.8	2	R0.2	1.2	4	4	45
2HRR-008-R02-060-445	0.8	2	R0.2	1.2	6	4	45
2HRR-008-R02-080-445	0.8	2	R0.2	1.2	8	4	45
2HRR-008-R02-100-445	0.8	2	R0.2	1.2	10	4	45
2HRR-010-R005-040-445	1	2	R0.05	1.5	4	4	45
2HRR-010-R005-060-445	1	2	R0.05	1.5	6	4	45
2HRR-010-R005-080-445	1	2	R0.05	1.5	8	4	45
2HRR-010-R005-100-445	1	2	R0.05	1.5	10	4	45
2HRR-010-R005-120-445	1	2	R0.05	1.5	12	4	45
2HRR-010-R005-160-450	1	2	R0.05	1.5	16	4	50
2HRR-010-R005-200-450	1	2	R0.05	1.5	20	4	50
2HRR-010-R005-220-460	1	2	R0.05	1.5	22	4	60
2HRR-010-R005-250-460	1	2	R0.05	1.5	25	4	60
2HRR-010-R01-040-445	1	2	R0.1	1.5	4	4	45
2HRR-010-R01-060-445	1	2	R0.1	1.5	6	4	45
2HRR-010-R01-080-445	1	2	R0.1	1.5	8	4	45
2HRR-010-R01-100-445	1	2	R0.1	1.5	10	4	45
2HRR-010-R01-120-445	1	2	R0.1	1.5	12	4	45
2HRR-010-R01-160-450	1	2	R0.1	1.5	16	4	50

R-PRO	
H-PRO	
A-PRO	
X-PRO	
SUS MILL	
S-PRO	
D-PRO	
A-PLUS	
AL-PRO	
AL MILL	
ABS	
MICRO GRAIN	
MULTI	
Technical data	



KALIP TEKNİK

(Unit: mm)

	R-PRO	제품코드 Product Code	직경 DC	날수 ZEFP	반경 RE	날장 APMX	유효장 LU	생크경 DCON	전장 LF
		2HRR-010-R01-200-450	1	2	R0.1	1.5	20	4	50
	H-PRO	2HRR-010-R01-220-460	1	2	R0.1	1.5	22	4	60
		2HRR-010-R01-250-460	1	2	R0.1	1.5	25	4	60
		2HRR-010-R02-040-445	1	2	R0.2	1.5	4	4	45
	A-PRO	2HRR-010-R02-060-445	1	2	R0.2	1.5	6	4	45
		2HRR-010-R02-080-445	1	2	R0.2	1.5	8	4	45
		2HRR-010-R02-100-445	1	2	R0.2	1.5	10	4	45
	X-PRO	2HRR-010-R02-120-445	1	2	R0.2	1.5	12	4	45
		2HRR-010-R02-160-450	1	2	R0.2	1.5	16	4	50
		2HRR-010-R02-200-450	1	2	R0.2	1.5	20	4	50
	SUS MILL	2HRR-010-R02-220-460	1	2	R0.2	1.5	22	4	60
		2HRR-010-R02-250-460	1	2	R0.2	1.5	25	4	60
		2HRR-010-R025-040-665	1	2	R0.25	1.5	4	4	65
	S-PRO	2HRR-010-R025-080-665	1	2	R0.25	1.5	8	4	65
		2HRR-010-R03-040-445	1	2	R0.3	1.5	4	4	45
		2HRR-010-R03-060-445	1	2	R0.3	1.5	6	4	45
	D-PRO	2HRR-010-R03-080-445	1	2	R0.3	1.5	8	4	45
		2HRR-010-R03-100-445	1	2	R0.3	1.5	10	4	45
		2HRR-010-R03-120-445	1	2	R0.3	1.5	12	4	45
	A-PLUS	2HRR-010-R03-160-450	1	2	R0.3	1.5	16	4	50
		2HRR-010-R03-200-450	1	2	R0.3	1.5	20	4	50
		2HRR-010-R03-220-460	1	2	R0.3	1.5	22	4	60
	AL-PRO	2HRR-010-R03-250-460	1	2	R0.3	1.5	25	4	60
		2HRR-012-R01-040-445	1.2	2	R0.1	1.8	4	4	45
		2HRR-012-R01-060-445	1.2	2	R0.1	1.8	6	4	45
	AL MILL	2HRR-012-R01-080-445	1.2	2	R0.1	1.8	8	4	45
		2HRR-012-R01-100-445	1.2	2	R0.1	1.8	10	4	45
		2HRR-012-R01-120-445	1.2	2	R0.1	1.8	12	4	45
	ABS	2HRR-012-R01-160-450	1.2	2	R0.1	1.8	16	4	50
		2HRR-012-R01-200-450	1.2	2	R0.1	1.8	20	4	50
		2HRR-012-R02-040-445	1.2	2	R0.2	1.8	4	4	45
	MICRO GRAIN	2HRR-012-R02-060-445	1.2	2	R0.2	1.8	6	4	45
		2HRR-012-R02-080-445	1.2	2	R0.2	1.8	8	4	45
		2HRR-012-R02-100-445	1.2	2	R0.2	1.8	10	4	45
	MULTI	2HRR-012-R02-120-445	1.2	2	R0.2	1.8	12	4	45
		2HRR-012-R02-160-450	1.2	2	R0.2	1.8	16	4	50
	Technical data	2HRR-012-R02-200-450	1.2	2	R0.2	1.8	20	4	50
		2HRR-012-R03-040-445	1.2	2	R0.3	1.8	4	4	45
		2HRR-012-R03-060-445	1.2	2	R0.3	1.8	6	4	45



(Unit: mm)

제품코드 Product Code	직경 DC	날수 ZEPF	반경 RE	날장 APMX	유효장 LU	생크경 DCON	전장 LF
2HRR-012-R03-080-445	1.2	2	R0.3	1.8	8	4	45
2HRR-012-R03-100-445	1.2	2	R0.3	1.8	10	4	45
2HRR-012-R03-120-445	1.2	2	R0.3	1.8	12	4	45
2HRR-012-R03-160-450	1.2	2	R0.3	1.8	16	4	50
2HRR-012-R03-200-450	1.2	2	R0.3	1.8	20	4	50
2HRR-015-R01-040-445	1.5	2	R0.1	2.3	4	4	45
2HRR-015-R01-060-445	1.5	2	R0.1	2.3	6	4	45
2HRR-015-R01-080-445	1.5	2	R0.1	2.3	8	4	45
2HRR-015-R01-100-445	1.5	2	R0.1	2.3	10	4	45
2HRR-015-R01-120-445	1.5	2	R0.1	2.3	12	4	45
2HRR-015-R01-160-450	1.5	2	R0.1	2.3	16	4	50
2HRR-015-R01-200-450	1.5	2	R0.1	2.3	20	4	50
2HRR-015-R01-220-460	1.5	2	R0.1	2.3	22	4	60
2HRR-015-R01-250-460	1.5	2	R0.1	2.3	25	4	60
2HRR-015-R02-040-445	1.5	2	R0.2	2.3	4	4	45
2HRR-015-R02-060-445	1.5	2	R0.2	2.3	6	4	45
2HRR-015-R02-080-445	1.5	2	R0.2	2.3	8	4	45
2HRR-015-R02-100-445	1.5	2	R0.2	2.3	10	4	45
2HRR-015-R02-120-445	1.5	2	R0.2	2.3	12	4	45
2HRR-015-R02-160-450	1.5	2	R0.2	2.3	16	4	50
2HRR-015-R02-200-450	1.5	2	R0.2	2.3	20	4	50
2HRR-015-R02-220-460	1.5	2	R0.2	2.3	22	4	60
2HRR-015-R02-250-460	1.5	2	R0.2	2.3	25	4	60
2HRR-015-R03-040-445	1.5	2	R0.3	2.3	4	4	45
2HRR-015-R03-060-445	1.5	2	R0.3	2.3	6	4	45
2HRR-015-R03-060-670	1.5	2	R0.3	2.3	6	6	70
2HRR-015-R03-080-445	1.5	2	R0.3	2.3	8	4	45
2HRR-015-R03-080-670	1.5	2	R0.3	2.3	8	6	70
2HRR-015-R03-100-445	1.5	2	R0.3	2.3	10	4	45
2HRR-015-R03-100-670	1.5	2	R0.3	2.3	10	6	70
2HRR-015-R03-120-445	1.5	2	R0.3	2.3	12	4	45
2HRR-015-R03-160-450	1.5	2	R0.3	2.3	16	4	50
2HRR-015-R03-200-450	1.5	2	R0.3	2.3	20	4	50
2HRR-015-R03-220-460	1.5	2	R0.3	2.3	22	4	60
2HRR-015-R03-250-460	1.5	2	R0.3	2.3	25	4	60
2HRR-015-R05-040-445	1.5	2	R0.5	2.3	4	4	45
2HRR-015-R05-060-445	1.5	2	R0.5	2.3	6	4	45
2HRR-015-R05-080-445	1.5	2	R0.5	2.3	8	4	45
2HRR-015-R05-100-445	1.5	2	R0.5	2.3	10	4	45

R-PRO	
H-PRO	
A-PRO	
X-PRO	
SUS MILL	
S-PRO	
D-PRO	
A-PLUS	
AL-PRO	
AL MILL	
ABS	
MICRO GRAIN	
MULTI	
Technical data	



KALIP TEKNİK

(Unit: mm)

	R-PRO	제품코드 Product Code	직경 DC	날수 ZEFP	반경 RE	날장 APMX	유효장 LU	생크경 DCON	전장 LF
		2HRR-015-R05-120-445	1.5	2	R0.5	2.3	12	4	45
	H-PRO	2HRR-015-R05-160-450	1.5	2	R0.5	2.3	16	4	50
		2HRR-015-R05-200-450	1.5	2	R0.5	2.3	20	4	50
		2HRR-015-R05-220-460	1.5	2	R0.5	2.3	22	4	60
	A-PRO	2HRR-015-R05-250-460	1.5	2	R0.5	2.3	25	4	60
		2HRR-020-R01-040-445	2	2	R0.1	3	4	4	45
		2HRR-020-R01-060-445	2	2	R0.1	3	6	4	45
	X-PRO	2HRR-020-R01-080-445	2	2	R0.1	3	8	4	45
		2HRR-020-R01-100-445	2	2	R0.1	3	10	4	45
		2HRR-020-R01-120-445	2	2	R0.1	3	12	4	45
	SUS MILL	2HRR-020-R01-160-450	2	2	R0.1	3	16	4	50
		2HRR-020-R01-200-450	2	2	R0.1	3	20	4	50
		2HRR-020-R01-250-460	2	2	R0.1	3	25	4	60
	S-PRO	2HRR-020-R01-300-470	2	2	R0.1	3	30	4	70
		2HRR-020-R02-040-445	2	2	R0.2	3	4	4	45
		2HRR-020-R02-060-445	2	2	R0.2	3	6	4	45
	D-PRO	2HRR-020-R02-080-445	2	2	R0.2	3	8	4	45
		2HRR-020-R02-100-445	2	2	R0.2	3	10	4	45
		2HRR-020-R02-120-445	2	2	R0.2	3	12	4	45
	A-PLUS	2HRR-020-R02-160-450	2	2	R0.2	3	16	4	50
		2HRR-020-R02-200-450	2	2	R0.2	3	20	4	50
		2HRR-020-R02-250-460	2	2	R0.2	3	25	4	60
	AL-PRO	2HRR-020-R02-300-470	2	2	R0.2	3	30	4	70
		2HRR-020-R03-040-445	2	2	R0.3	3	4	4	45
		2HRR-020-R03-060-445	2	2	R0.3	3	6	4	45
	AL MILL	2HRR-020-R03-080-445	2	2	R0.3	3	8	4	45
		2HRR-020-R03-100-445	2	2	R0.3	3	10	4	45
		2HRR-020-R03-120-445	2	2	R0.3	3	12	4	45
	ABS	2HRR-020-R03-160-450	2	2	R0.3	3	16	4	50
		2HRR-020-R03-200-450	2	2	R0.3	3	20	4	50
		2HRR-020-R03-250-460	2	2	R0.3	3	25	4	60
	MICRO GRAIN	2HRR-020-R03-300-470	2	2	R0.3	3	30	4	70
		2HRR-020-R05-040-445	2	2	R0.5	3	4	4	45
		2HRR-020-R05-060-445	2	2	R0.5	3	6	4	45
	MULTI	2HRR-020-R05-060-670	2	2	R0.5	3	6	6	70
		2HRR-020-R05-080-445	2	2	R0.5	3	8	4	45
		2HRR-020-R05-100-445	2	2	R0.5	3	10	4	45
		2HRR-020-R05-100-670	2	2	R0.5	3	10	6	70
	Technical data	2HRR-020-R05-120-445	2	2	R0.5	3	12	4	45



(Unit: mm)

제품코드 Product Code	직경 DC	날수 ZEPF	반경 RE	날장 APMX	유효장 LU	생크경 DCON	전장 LF
2HRR-020-R05-120-670	2	2	R0.5	3	12	6	70
2HRR-020-R05-160-450	2	2	R0.5	3	16	4	50
2HRR-020-R05-160-670	2	2	R0.5	3	16	6	70
2HRR-020-R05-180-450	2	2	R0.5	3	18	4	50
2HRR-020-R05-200-450	2	2	R0.5	3	20	4	50
2HRR-020-R05-250-460	2	2	R0.5	3	25	4	60
2HRR-020-R05-300-470	2	2	R0.5	3	30	4	70
2HRR-025-R01-100-445	2.5	2	R0.1	3.8	10	4	45
2HRR-025-R01-160-450	2.5	2	R0.1	3.8	16	4	50
2HRR-025-R01-200-450	2.5	2	R0.1	3.8	20	4	50
2HRR-025-R01-250-460	2.5	2	R0.1	3.8	25	4	60
2HRR-025-R01-300-470	2.5	2	R0.1	3.8	30	4	70
2HRR-025-R02-100-445	2.5	2	R0.2	3.8	10	4	45
2HRR-025-R02-160-450	2.5	2	R0.2	3.8	16	4	50
2HRR-025-R02-200-450	2.5	2	R0.2	3.8	20	4	50
2HRR-025-R02-250-460	2.5	2	R0.2	3.8	25	4	60
2HRR-025-R02-300-470	2.5	2	R0.2	3.8	30	4	70
2HRR-025-R03-100-445	2.5	2	R0.3	3.8	10	4	45
2HRR-025-R03-160-450	2.5	2	R0.3	3.8	16	4	50
2HRR-025-R03-200-450	2.5	2	R0.3	3.8	20	4	50
2HRR-025-R03-250-460	2.5	2	R0.3	3.8	25	4	60
2HRR-025-R03-300-470	2.5	2	R0.3	3.8	30	4	70
2HRR-025-R05-100-445	2.5	2	R0.5	3.8	10	4	45
2HRR-025-R05-140-450	2.5	2	R0.5	3.8	14	4	50
2HRR-025-R05-160-450	2.5	2	R0.5	3.8	16	4	50
2HRR-025-R05-180-450	2.5	2	R0.5	3.8	18	4	50
2HRR-025-R05-200-450	2.5	2	R0.5	3.8	20	4	50
2HRR-025-R05-250-460	2.5	2	R0.5	3.8	25	4	60
2HRR-025-R05-300-470	2.5	2	R0.5	3.8	30	4	70
2HRR-025-R10-100-445	2.5	2	R1.0	3.8	10	4	45
2HRR-030-R01-080-650	3	2	R0.1	4.5	8	6	50
2HRR-030-R01-100-650	3	2	R0.1	4.5	10	6	50
2HRR-030-R01-120-650	3	2	R0.1	4.5	12	6	50
2HRR-030-R01-160-660	3	2	R0.1	4.5	16	6	60
2HRR-030-R01-200-660	3	2	R0.1	4.5	20	6	60
2HRR-030-R01-250-665	3	2	R0.1	4.5	25	6	65
2HRR-030-R01-300-670	3	2	R0.1	4.5	30	6	70
2HRR-030-R01-350-680	3	2	R0.1	4.5	35	6	80
2HRR-030-R01-400-680	3	2	R0.1	4.5	40	6	80

R-PRO	
H-PRO	
A-PRO	
X-PRO	
SUS MILL	
S-PRO	
D-PRO	
A-PLUS	
AL-PRO	
AL MILL	
ABS	
MICRO GRAIN	
MULTI	
Technical data	



KALIP TEKNİK

(Unit: mm)

	R-PRO	제품코드 Product Code	직경 DC	날수 ZEFP	반경 RE	날장 APMX	유효장 LU	생크경 DCON	전장 LF
		2HRR-030-R02-080-650	3	2	R0.2	4.5	8	6	50
	H-PRO	2HRR-030-R02-100-650	3	2	R0.2	4.5	10	6	50
		2HRR-030-R02-120-650	3	2	R0.2	4.5	12	6	50
		2HRR-030-R02-160-660	3	2	R0.2	4.5	16	6	60
	A-PRO	2HRR-030-R02-200-660	3	2	R0.2	4.5	20	6	60
		2HRR-030-R02-250-665	3	2	R0.2	4.5	25	6	65
		2HRR-030-R02-300-670	3	2	R0.2	4.5	30	6	70
	X-PRO	2HRR-030-R02-350-680	3	2	R0.2	4.5	35	6	80
		2HRR-030-R02-400-680	3	2	R0.2	4.5	40	6	80
		2HRR-030-R03-080-650	3	2	R0.3	4.5	8	6	50
	SUS MILL	2HRR-030-R03-100-650	3	2	R0.3	4.5	10	6	50
		2HRR-030-R03-120-650	3	2	R0.3	4.5	12	6	50
		2HRR-030-R03-160-660	3	2	R0.3	4.5	16	6	60
	S-PRO	2HRR-030-R03-200-660	3	2	R0.3	4.5	20	6	60
		2HRR-030-R03-250-665	3	2	R0.3	4.5	25	6	65
		2HRR-030-R03-300-670	3	2	R0.3	4.5	30	6	70
	D-PRO	2HRR-030-R03-350-680	3	2	R0.3	4.5	35	6	80
		2HRR-030-R03-400-680	3	2	R0.3	4.5	40	6	80
		2HRR-030-R05-080-650	3	2	R0.5	4.5	8	6	50
	A-PLUS	2HRR-030-R05-080-675	3	2	R0.5	4.5	8	6	75
		2HRR-030-R05-100-650	3	2	R0.5	4.5	10	6	50
		2HRR-030-R05-120-650	3	2	R0.5	4.5	12	6	50
	AL-PRO	2HRR-030-R05-120-675	3	2	R0.5	4.5	12	6	75
		2HRR-030-R05-160-660	3	2	R0.5	4.5	16	6	60
		2HRR-030-R05-200-660	3	2	R0.5	4.5	20	6	60
	AL MILL	2HRR-030-R05-200-675	3	2	R0.5	4.5	20	6	75
		2HRR-030-R05-250-665	3	2	R0.5	4.5	25	6	65
		2HRR-030-R05-300-670	3	2	R0.5	4.5	30	6	70
	ABS	2HRR-030-R05-350-680	3	2	R0.5	4.5	35	6	80
		2HRR-030-R05-400-680	3	2	R0.5	4.5	40	6	80
		2HRR-030-R10-080-650	3	2	R1.0	4.5	8	6	50
	MICRO GRAIN	2HRR-030-R10-100-650	3	2	R1.0	4.5	10	6	50
		2HRR-030-R10-120-650	3	2	R1.0	4.5	12	6	50
		2HRR-030-R10-160-660	3	2	R1.0	4.5	16	6	60
	MULTI	2HRR-030-R10-200-660	3	2	R1.0	4.5	20	6	60
		2HRR-030-R10-250-665	3	2	R1.0	4.5	25	6	65
		2HRR-030-R10-300-670	3	2	R1.0	4.5	30	6	70
	Technical data	2HRR-030-R10-350-680	3	2	R1.0	4.5	35	6	80
		2HRR-030-R10-400-680	3	2	R1.0	4.5	40	6	80



(Unit: mm)

제품코드 Product Code	직경 DC	날수 ZEPF	반경 RE	날장 APMX	유효장 LU	생크경 DCON	전장 LF
2HRR-035-R05-100-650	3.5	2	R0.5	4.5	10	6	50
2HRR-035-R05-160-660	3.5	2	R0.5	4.5	16	6	60
2HRR-040-R01-080-650	4	2	R0.1	6	8	6	50
2HRR-040-R01-100-650	4	2	R0.1	6	10	6	50
2HRR-040-R01-120-650	4	2	R0.1	6	12	6	50
2HRR-040-R01-160-660	4	2	R0.1	6	16	6	60
2HRR-040-R01-200-660	4	2	R0.1	6	20	6	60
2HRR-040-R01-250-665	4	2	R0.1	6	25	6	65
2HRR-040-R01-300-670	4	2	R0.1	6	30	6	70
2HRR-040-R01-350-680	4	2	R0.1	6	35	6	80
2HRR-040-R01-400-680	4	2	R0.1	6	40	6	80
2HRR-040-R01-450-690	4	2	R0.1	6	45	6	90
2HRR-040-R01-500-6A0	4	2	R0.1	6	50	6	100
2HRR-040-R02-080-650	4	2	R0.2	6	8	6	50
2HRR-040-R02-100-650	4	2	R0.2	6	10	6	50
2HRR-040-R02-120-650	4	2	R0.2	6	12	6	50
2HRR-040-R02-160-660	4	2	R0.2	6	16	6	60
2HRR-040-R02-200-660	4	2	R0.2	6	20	6	60
2HRR-040-R02-250-665	4	2	R0.2	6	25	6	65
2HRR-040-R02-300-670	4	2	R0.2	6	30	6	70
2HRR-040-R02-350-680	4	2	R0.2	6	35	6	80
2HRR-040-R02-400-680	4	2	R0.2	6	40	6	80
2HRR-040-R02-450-690	4	2	R0.2	6	45	6	90
2HRR-040-R02-500-6A0	4	2	R0.2	6	50	6	100
2HRR-040-R03-080-650	4	2	R0.3	6	8	6	50
2HRR-040-R03-100-650	4	2	R0.3	6	10	6	50
2HRR-040-R03-120-650	4	2	R0.3	6	12	6	50
2HRR-040-R03-160-660	4	2	R0.3	6	16	6	60
2HRR-040-R03-200-660	4	2	R0.3	6	20	6	60
2HRR-040-R03-250-665	4	2	R0.3	6	25	6	65
2HRR-040-R03-300-670	4	2	R0.3	6	30	6	70
2HRR-040-R03-350-680	4	2	R0.3	6	35	6	80
2HRR-040-R03-400-680	4	2	R0.3	6	40	6	80
2HRR-040-R03-450-690	4	2	R0.3	6	45	6	90
2HRR-040-R03-500-6A0	4	2	R0.3	6	50	6	100
2HRR-040-R05-080-650	4	2	R0.5	6	8	6	50
2HRR-040-R05-100-650	4	2	R0.5	6	10	6	50
2HRR-040-R05-120-650	4	2	R0.5	6	12	6	50
2HRR-040-R05-120-675	4	2	R0.5	6	12	6	75

R-PRO	
H-PRO	
A-PRO	
X-PRO	
SUS MILL	
S-PRO	
D-PRO	
A-PLUS	
AL-PRO	
AL MILL	
ABS	
MICRO GRAIN	
MULTI	
Technical data	



KALIP TEKNİK

(Unit: mm)

	R-PRO	제품코드 Product Code	직경 DC	날수 ZEFP	반경 RE	날장 APMX	유효장 LU	생크경 DCON	전장 LF
		2HRR-040-R05-160-660	4	2	R0.5	6	16	6	60
	H-PRO	2HRR-040-R05-200-660	4	2	R0.5	6	20	6	60
		2HRR-040-R05-200-675	4	2	R0.5	6	20	6	75
		2HRR-040-R05-250-665	4	2	R0.5	6	25	6	65
	A-PRO	2HRR-040-R05-250-675	4	2	R0.5	6	25	6	75
		2HRR-040-R05-300-670	4	2	R0.5	6	30	6	70
		2HRR-040-R05-350-680	4	2	R0.5	6	35	6	80
	X-PRO	2HRR-040-R05-400-680	4	2	R0.5	6	40	6	80
		2HRR-040-R05-450-690	4	2	R0.5	6	45	6	90
		2HRR-040-R05-500-6A0	4	2	R0.5	6	50	6	100
	SUS MILL	2HRR-040-R10-080-650	4	2	R1.0	6	8	6	50
		2HRR-040-R10-100-650	4	2	R1.0	6	10	6	50
		2HRR-040-R10-120-650	4	2	R1.0	6	12	6	50
	S-PRO	2HRR-040-R10-120-675	4	2	R1.0	6	12	6	75
		2HRR-040-R10-160-660	4	2	R1.0	6	16	6	60
		2HRR-040-R10-200-660	4	2	R1.0	6	20	6	60
	D-PRO	2HRR-040-R10-250-665	4	2	R1.0	6	25	6	65
		2HRR-040-R10-300-670	4	2	R1.0	6	30	6	70
		2HRR-040-R10-350-680	4	2	R1.0	6	35	6	80
	A-PLUS	2HRR-040-R10-400-680	4	2	R1.0	6	40	6	80
		2HRR-040-R10-450-690	4	2	R1.0	6	45	6	90
		2HRR-040-R10-500-6A0	4	2	R1.0	6	50	6	100
	AL-PRO	2HRR-050-R02-150-660	5	2	R0.2	7.5	15	6	60
		2HRR-050-R02-250-665	5	2	R0.2	7.5	25	6	65
		2HRR-050-R02-300-670	5	2	R0.2	7.5	30	6	70
	AL MILL	2HRR-050-R02-400-680	5	2	R0.2	7.5	40	6	80
		2HRR-050-R02-500-6A0	5	2	R0.2	7.5	50	6	100
	ABS	2HRR-050-R05-180-660	5	2	R0.5	7.5	18	6	60
		2HRR-050-R05-250-665	5	2	R0.5	7.5	25	6	65
		2HRR-050-R05-300-670	5	2	R0.5	7.5	30	6	70
		2HRR-050-R05-400-680	5	2	R0.5	7.5	40	6	80
	MICRO GRAIN	2HRR-050-R05-500-6A0	5	2	R0.5	7.5	50	6	100
		2HRR-050-R10-180-660	5	2	R1.0	7.5	18	6	60
		2HRR-050-R10-250-665	5	2	R1.0	7.5	25	6	65
	MULTI	2HRR-050-R10-300-670	5	2	R1.0	7.5	30	6	70
		2HRR-050-R10-400-680	5	2	R1.0	7.5	40	6	80
	Technical data	2HRR-050-R10-500-6A0	5	2	R1.0	7.5	50	6	100
		2HRR-060-R01-200-660	6	2	R0.1	9	20	6	60
		2HRR-060-R01-400-690	6	2	R0.1	9	40	6	90



(Unit: mm)

제품코드 Product Code	직경 DC	날수 ZEPF	반경 RE	날장 APMX	유효장 LU	생크경 DCON	전장 LF
2HRR-060-R02-200-660	6	2	R0.2	9	20	6	60
2HRR-060-R02-400-690	6	2	R0.2	9	40	6	90
2HRR-060-R03-200-660	6	2	R0.3	9	20	6	60
2HRR-060-R03-400-690	6	2	R0.3	9	40	6	90
2HRR-060-R05-200-660	6	2	R0.5	9	20	6	60
2HRR-060-R05-400-690	6	2	R0.5	9	40	6	90
2HRR-060-R10-200-660	6	2	R1.0	9	20	6	60
2HRR-060-R10-400-690	6	2	R1.0	9	40	6	90
2HRR-060-R15-200-660	6	2	R1.5	9	20	6	60
2HRR-060-R15-400-690	6	2	R1.5	9	40	6	90
2HRR-080-R02-240-865	8	2	R0.2	12	24	8	65
2HRR-080-R02-400-8A0	8	2	R0.2	12	40	8	100
2HRR-080-R03-240-865	8	2	R0.3	12	24	8	65
2HRR-080-R03-400-8A0	8	2	R0.3	12	40	8	100
2HRR-080-R05-240-865	8	2	R0.5	12	24	8	65
2HRR-080-R05-240-880	8	2	R0.5	12	24	8	80
2HRR-080-R05-400-8A0	8	2	R0.5	12	40	8	100
2HRR-080-R10-240-865	8	2	R1.0	12	24	8	65
2HRR-080-R10-240-880	8	2	R1.0	12	24	8	80
2HRR-080-R10-400-8A0	8	2	R1.0	12	40	8	100
2HRR-080-R15-240-865	8	2	R1.5	12	24	8	65
2HRR-080-R15-400-8A0	8	2	R1.5	12	40	8	100
2HRR-080-R20-240-865	8	2	R2.0	12	24	8	65
2HRR-100-R02-300-A70	10	2	R0.2	15	30	10	70
2HRR-100-R02-400-AA0	10	2	R0.2	15	40	10	100
2HRR-100-R03-300-A70	10	2	R0.3	15	30	10	70
2HRR-100-R03-400-AA0	10	2	R0.3	15	40	10	100
2HRR-100-R05-300-A70	10	2	R0.5	15	30	10	70
2HRR-100-R05-400-AA0	10	2	R0.5	15	40	10	100
2HRR-100-R10-300-A70	10	2	R1.0	15	30	10	70
2HRR-100-R10-400-AA0	10	2	R1.0	15	40	10	100
2HRR-100-R15-300-A70	10	2	R1.5	15	30	10	70
2HRR-100-R15-400-AA0	10	2	R1.5	15	40	10	100
2HRR-100-R20-300-A70	10	2	R2.0	15	30	10	70
2HRR-100-R20-400-AA0	10	2	R2.0	15	40	10	100
2HRR-120-R02-300-C80	12	2	R0.2	18	30	12	80
2HRR-120-R02-500-CB0	12	2	R0.2	18	50	12	110
2HRR-120-R03-300-C80	12	2	R0.3	18	30	12	80
2HRR-120-R03-500-CB0	12	2	R0.3	18	50	12	110

R-PRO	
H-PRO	
A-PRO	
X-PRO	
SUS MILL	
S-PRO	
D-PRO	
A-PLUS	
AL-PRO	
AL MILL	
ABS	
MICRO GRAIN	
MULTI	
Technical data	



KALIP TEKNİK

(Unit: mm)

	R-PRO	제품코드 Product Code	직경 DC	날수 ZEP	반경 RE	날장 APMX	유효장 LU	생크경 DCON	전장 LF
	H-PRO	2HRR-120-R05-300-C80	12	2	R0.5	18	30	12	80
		2HRR-120-R05-500-CB0	12	2	R0.5	18	50	12	110
		2HRR-120-R10-300-C80	12	2	R1.0	18	30	12	80
		2HRR-120-R10-500-CB0	12	2	R1.0	18	50	12	110
	A-PRO	2HRR-120-R15-300-C80	12	2	R1.5	18	30	12	80
		2HRR-120-R15-500-CB0	12	2	R1.5	18	50	12	110
	X-PRO	2HRR-120-R20-300-C80	12	2	R2.0	18	30	12	80
		2HRR-120-R20-500-CB0	12	2	R2.0	18	50	12	110
		2HRR-120-R30-300-C80	12	2	R3.0	18	30	12	80
		2HRR-120-R30-500-CB0	12	2	R3.0	18	50	12	110
	SUS MILL	2HRR-160-R05-400-GB0	16	2	R0.5	24	40	16	110
		2HRR-160-R05-400-GF0	16	2	R0.5	24	40	16	150
		2HRR-160-R10-400-GB0	16	2	R1.0	24	40	16	110
	S-PRO	2HRR-160-R10-400-GF0	16	2	R1.0	24	40	16	150
	D-PRO								
	A-PLUS								
	AL-PRO								
	AL MILL								
	ABS								
	MICRO GRAIN								
	MULTI								
	Technical data								