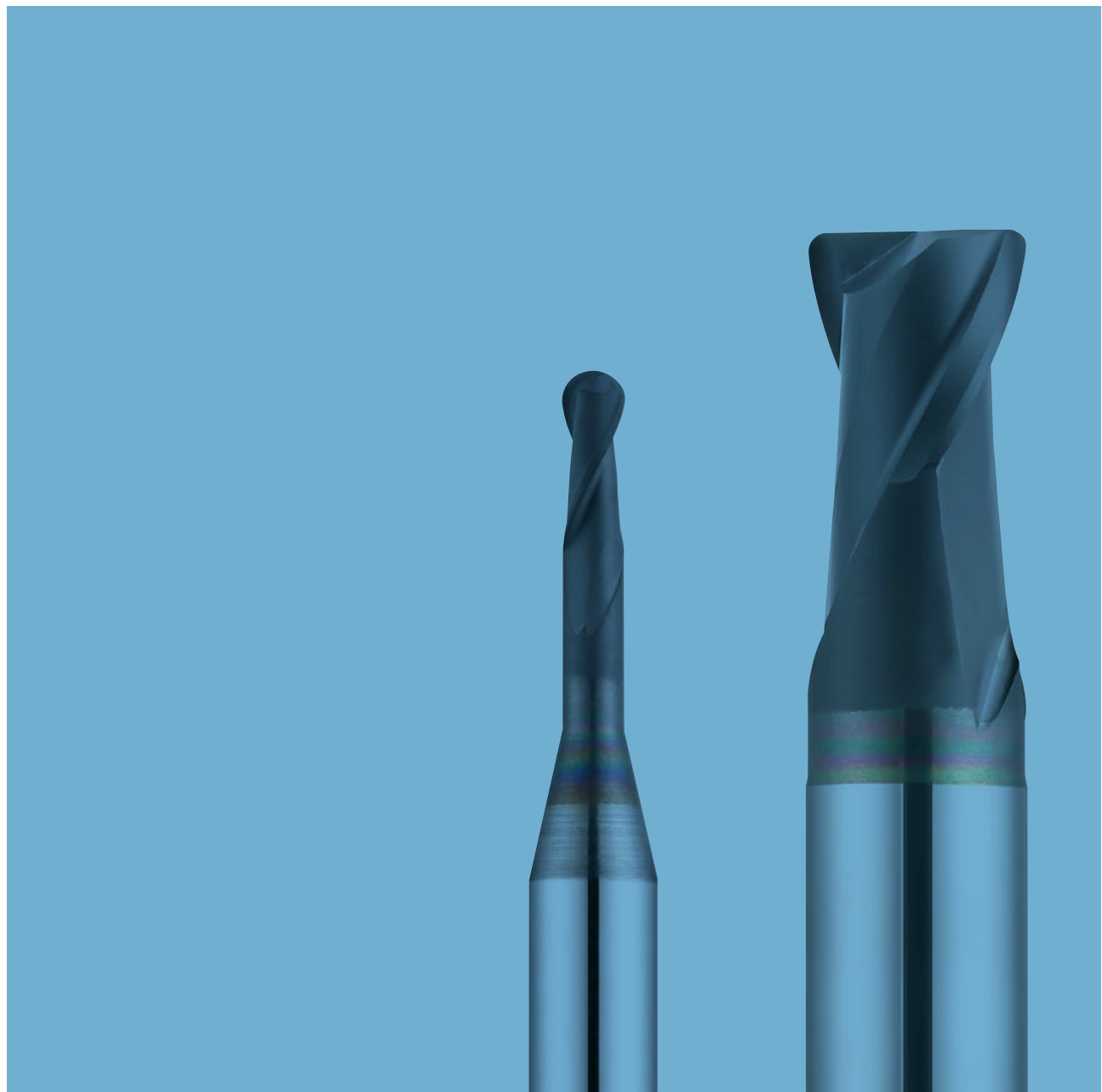


D-PRO 07



R-PRO

H-PRO

A-PRO

X-PRO

SUS MILL

S-PRO

D-PRO

A-PLUS

AL-PRO

AL MILL

ABS

MICRO
GRAIN

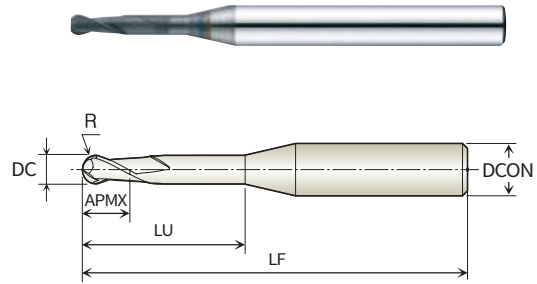
MULTI

Technical data

2DRB

2날 다이아몬드 코팅 리브 볼 엔드밀
2 Flutes Diamond Coated Rib Ball End Mills

DIA

page
No.301

(Unit: mm)

제품코드 Product Code	직경 DC	날수 ZEPF	반경 RE	날장 APMX	유효장 LU	생크경 DCON	전장 LF
2DRB-002-010-445	0.2	2	R0.1	0.2	1	4	45
2DRB-002-015-445	0.2	2	R0.1	0.2	1.5	4	45
2DRB-003-010-445	0.3	2	R0.15	0.3	1	4	45
2DRB-003-020-445	0.3	2	R0.15	0.3	2	4	45
2DRB-004-010-445	0.4	2	R0.2	0.4	1	4	45
2DRB-004-020-445	0.4	2	R0.2	0.4	2	4	45
2DRB-004-030-445	0.4	2	R0.2	0.4	3	4	45
2DRB-004-040-445	0.4	2	R0.2	0.4	4	4	45
2DRB-004-050-445	0.4	2	R0.2	0.4	5	4	45
2DRB-004-060-445	0.4	2	R0.2	0.4	6	4	45
2DRB-005-020-445	0.5	2	R0.25	0.5	2	4	45
2DRB-005-030-445	0.5	2	R0.25	0.5	3	4	45
2DRB-005-040-445	0.5	2	R0.25	0.5	4	4	45
2DRB-005-050-445	0.5	2	R0.25	0.5	5	4	45
2DRB-005-060-445	0.5	2	R0.25	0.5	6	4	45
2DRB-005-080-445	0.5	2	R0.25	0.5	8	4	45
2DRB-006-020-445	0.6	2	R0.3	0.6	2	4	45
2DRB-006-030-445	0.6	2	R0.3	0.6	3	4	45
2DRB-006-040-445	0.6	2	R0.3	0.6	4	4	45
2DRB-006-050-445	0.6	2	R0.3	0.6	5	4	45
2DRB-006-060-445	0.6	2	R0.3	0.6	6	4	45
2DRB-006-080-445	0.6	2	R0.3	0.6	8	4	45
2DRB-006-100-445	0.6	2	R0.3	0.6	10	4	45
2DRB-006-120-445	0.6	2	R0.3	0.6	12	4	45
2DRB-008-030-445	0.8	2	R0.4	0.8	3	4	45
2DRB-008-040-445	0.8	2	R0.4	0.8	4	4	45

(Unit: mm)

제품코드 Product Code	직경 DC	날수 ZEPF	반경 RE	날장 APMX	유효장 LU	생크경 DCON	전장 LF	R-PRO
2DRB-008-050-445	0.8	2	R0.4	0.8	5	4	45	H-PRO
2DRB-008-060-445	0.8	2	R0.4	0.8	6	4	45	
2DRB-008-080-445	0.8	2	R0.4	0.8	8	4	45	
2DRB-008-100-445	0.8	2	R0.4	0.8	10	4	45	
2DRB-008-150-445	0.8	2	R0.4	0.8	15	4	45	
2DRB-008-200-445	0.8	2	R0.4	0.8	20	4	45	X-PRO
2DRB-010-030-450	1	2	R0.5	2	3	4	50	
2DRB-010-040-450	1	2	R0.5	2	4	4	50	
2DRB-010-050-450	1	2	R0.5	2	5	4	50	
2DRB-010-060-450	1	2	R0.5	2	6	4	50	
2DRB-010-100-450	1	2	R0.5	2	10	4	50	S-PRO
2DRB-010-120-450	1	2	R0.5	2	12	4	50	
2DRB-010-160-460	1	2	R0.5	3	16	4	60	
2DRB-010-180-460	1	2	R0.5	3	18	4	60	
2DRB-010-200-460	1	2	R0.5	3	20	4	60	
2DRB-010-250-480	1	2	R0.5	3	25	4	80	D-PRO
2DRB-010-300-480	1	2	R0.5	3	30	4	80	
2DRB-010-350-480	1	2	R0.5	3	35	4	80	
2DRB-010-400-480	1	2	R0.5	3	40	4	80	
2DRB-015-100-460	1.5	2	R0.75	4	10	4	60	A-PLUS
2DRB-015-150-460	1.5	2	R0.75	4	15	4	60	
2DRB-015-200-460	1.5	2	R0.75	4	20	4	60	
2DRB-015-100-480	1.5	2	R0.75	4.5	10	4	80	
2DRB-015-120-480	1.5	2	R0.75	4.5	12	4	80	
2DRB-015-150-480	1.5	2	R0.75	4.5	15	4	80	AL-MILL
2DRB-015-180-480	1.5	2	R0.75	4.5	18	4	80	
2DRB-015-200-480	1.5	2	R0.75	4.5	20	4	80	
2DRB-015-250-480	1.5	2	R0.75	4.5	25	4	80	
2DRB-015-300-480	1.5	2	R0.75	4.5	30	4	80	
2DRB-015-350-480	1.5	2	R0.75	4.5	35	4	80	ABS
2DRB-015-400-480	1.5	2	R0.75	4.5	40	4	80	
2DRB-020-100-460	2	2	R1.0	5	10	4	60	
2DRB-020-150-460	2	2	R1.0	5	15	4	60	
2DRB-020-200-460	2	2	R1.0	5	20	4	60	
2DRB-020-100-480	2	2	R1.0	6	10	4	80	MULTI
2DRB-020-150-480	2	2	R1.0	6	15	4	80	
2DRB-020-200-480	2	2	R1.0	6	20	4	80	
2DRB-020-250-480	2	2	R1.0	6	25	4	80	
2DRB-020-300-480	2	2	R1.0	6	30	4	80	
								Technical data

(Unit: mm)

	R-PRO	제품코드 Product Code	직경 DC	날수 ZEP	반경 RE	날장 APMX	유효장 LU	생크경 DCON	전장 LF
		2DRB-020-350-480	2	2	R1.0	6	35	4	80
		2DRB-020-400-4A0	2	2	R1.0	6	40	4	100
		2DRB-020-450-4A0	2	2	R1.0	6	45	4	100
		2DRB-020-500-4A0	2	2	R1.0	6	50	4	100
		2DRB-020-600-4A0	2	2	R1.0	6	60	4	100
		2DRB-030-150-4A0	3	2	R1.5	9	15	4	100
		2DRB-030-200-4A0	3	2	R1.5	9	20	4	100
		2DRB-030-250-4A0	3	2	R1.5	9	25	4	100
		2DRB-030-300-4A0	3	2	R1.5	9	30	4	100
		2DRB-030-350-4A0	3	2	R1.5	9	35	4	100
		2DRB-030-400-4A0	3	2	R1.5	9	40	4	100
		2DRB-030-500-4A0	3	2	R1.5	9	50	4	100
		2DRB-030-600-4A0	3	2	R1.5	9	60	4	100
		2DRB-030-160-660	3	2	R1.5	8	16	6	60
		2DRB-030-200-660	3	2	R1.5	8	20	6	60
		2DRB-030-300-675	3	2	R1.5	12	30	6	75
		2DRB-030-350-680	3	2	R1.5	12	35	6	80
		2DRB-040-300-480	4	2	R2.0	16	30	4	80
		2DRB-040-400-4A0	4	2	R2.0	16	40	4	100
		2DRB-040-400-4D0	4	2	R2.0	16	40	4	130
		2DRB-040-500-4F0	4	2	R2.0	16	50	4	150
		2DRB-040-160-660	4	2	R2.0	8	16	6	60
		2DRB-040-200-670	4	2	R2.0	8	20	6	70
		2DRB-040-300-680	4	2	R2.0	12	30	6	80
		2DRB-040-400-685	4	2	R2.0	12	40	6	85
		2DRB-060-250-680	6	2	R3.0	16	25	6	80
		2DRB-060-250-6B0	6	2	R3.0	16	25	6	110
		2DRB-060-300-6F0	6	2	R3.0	16	30	6	150
		2DRB-060-400-6B0	6	2	R3.0	16	40	6	110
		2DRB-060-500-6F0	6	2	R3.0	16	50	6	150
		2DRB-080-300-880	8	2	R4.0	20	30	8	80
		2DRB-080-300-8B0	8	2	R4.0	20	30	8	110
		2DRB-080-400-8B0	8	2	R4.0	20	40	8	110
		2DRB-080-400-8K0	8	2	R4.0	20	40	8	200
		2DRB-080-500-8G0	8	2	R4.0	20	50	8	160
		2DRB-100-350-AB0	10	2	R5.0	22	35	10	110
		2DRB-100-500-AB0	10	2	R5.0	22	50	10	110
		2DRB-100-500-AK0	10	2	R5.0	22	50	10	200
		2DRB-100-600-AG0	10	2	R5.0	22	60	10	160

(Unit: mm)

제품코드 Product Code	직경 DC	날수 ZEFP	반경 RE	날장 APMX	유효장 LU	생크경 DCON	전장 LF
2DRB-120-500-CB0	12	2	R6.0	25	50	12	110
2DRB-120-500-CG0	12	2	R6.0	25	50	12	160
2DRB-120-600-CK0	12	2	R6.0	25	60	12	200

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	

R-PRO

H-PRO

A-PRO

X-PRO

SUS MILL

S-PRO

D-PRO

A-PLUS

AL-PRO

AL MILL

ABS

MICRO
GRAIN

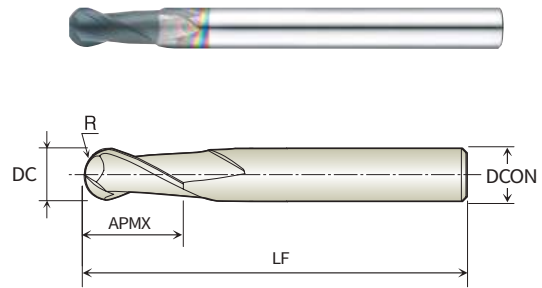
MULTI

Technical data

2DPB

2날 다이아몬드 코팅 볼 엔드밀 2 Flutes Diamond Coated Ball End Mills

DIA

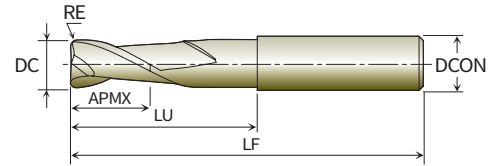
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(Unit: mm)

제품코드 Product Code	직경 DC	날수 ZFP	반경 RE	날장 APMX	생크경 DCON	전장 LF
2DPB-006-012-445	0.6	2	R0.3	1.2	4	45
2DPB-008-015-445	0.8	2	R0.4	1.5	4	45
2DPB-010-030-450	1.0	2	R0.5	3	4	50
2DPB-015-050-450	1.5	2	R0.75	5	4	50
2DPB-020-070-460	2	2	R1.0	7	4	60
2DPB-030-100-660	3	2	R1.5	10	6	60
2DPB-040-120-670	4	2	R2.0	12	6	70
2DPB-040-200-4A0	4	2	R2.0	20	4	100
2DPB-050-200-6A0	5	2	R2.5	20	6	100
2DPB-060-200-6B0	6	2	R3.0	20	6	110
2DPB-060-300-6F0	6	2	R3.0	30	6	150
2DPB-080-200-8B0	8	2	R4.0	20	8	110
2DPB-080-300-8F0	8	2	R4.0	30	8	150
2DPB-100-200-AB0	10	2	R5.0	20	10	110
2DPB-100-350-AF0	10	2	R5.0	35	10	150
2DPB-120-200-CB0	12	2	R6.0	20	12	110
2DPB-120-400-CF0	12	2	R6.0	40	12	150

2DRR

2날 다이아몬드 코팅 리브 코너 래디우스 엔드밀
2 Flutes Diamond Coated Rib Corner Radius End Mills



(Unit: mm)

제품코드 Product Code	직경 DC	날수 ZEP	반경 RE	날장 APMX	유효장 LU	생크경 DCON	전장 LF
2DRR-002-R002-015-460	0.2	2	R0.02	0.4	1.5	4	60
2DRR-003-R002-015-460	0.3	2	R0.02	0.6	1.5	4	60
2DRR-003-R002-030-460	0.3	2	R0.02	0.6	3	4	60
2DRR-003-R002-045-460	0.3	2	R0.02	0.6	4.5	4	60
2DRR-003-R002-060-460	0.3	2	R0.02	0.6	6	4	60
2DRR-004-R002-020-460	0.4	2	R0.02	0.8	2	4	60
2DRR-004-R002-040-460	0.4	2	R0.02	0.8	4	4	60
2DRR-004-R002-060-460	0.4	2	R0.02	0.8	6	4	60
2DRR-004-R002-080-460	0.4	2	R0.02	0.8	8	4	60
2DRR-005-R005-015-460	0.5	2	R0.05	1	1.5	4	60
2DRR-005-R005-025-460	0.5	2	R0.05	1	2.5	4	60
2DRR-005-R005-035-460	0.5	2	R0.05	1	3.5	4	60
2DRR-005-R005-050-460	0.5	2	R0.05	1	5	4	60
2DRR-005-R005-075-460	0.5	2	R0.05	1	7.5	4	60
2DRR-005-R005-100-460	0.5	2	R0.05	1	10	4	60
2DRR-006-R005-020-460	0.6	2	R0.05	1.2	2	4	60
2DRR-006-R005-030-460	0.6	2	R0.05	1.2	3	4	60
2DRR-006-R005-060-460	0.6	2	R0.05	1.2	6	4	60
2DRR-006-R005-090-460	0.6	2	R0.05	1.2	9	4	60
2DRR-006-R005-120-460	0.6	2	R0.05	1.2	12	4	60
2DRR-008-R005-025-460	0.8	2	R0.05	1.6	2.5	4	60
2DRR-008-R005-040-460	0.8	2	R0.05	1.6	4	4	60
2DRR-008-R005-080-460	0.8	2	R0.05	1.6	8	4	60
2DRR-008-R005-100-460	0.8	2	R0.05	1.6	10	4	60
2DRR-008-R005-160-460	0.8	2	R0.05	1.6	16	4	60
2DRR-010-R005-030-460	1	2	R0.05	2	3	4	60

(Unit: mm)

		제품코드 Product Code	직경 DC	날수 ZEP	반경 RE	날장 APMX	유효장 LU	생크경 DCON	전장 LF
	R-PRO	2DRR-010-R005-050-460	1	2	R0.05	2	5	4	60
	H-PRO	2DRR-010-R005-100-460	1	2	R0.05	2	10	4	60
		2DRR-010-R005-150-460	1	2	R0.05	2	15	4	60
		2DRR-010-R005-200-460	1	2	R0.05	2	20	4	60
	A-PRO	2DRR-010-R01-030-460	1	2	R0.1	2	3	4	60
		2DRR-010-R01-050-460	1	2	R0.1	2	5	4	60
		2DRR-010-R01-100-460	1	2	R0.1	2	10	4	60
	X-PRO	2DRR-010-R01-150-460	1	2	R0.1	2	15	4	60
		2DRR-010-R01-200-460	1	2	R0.1	2	20	4	60
		2DRR-010-R02-030-460	1	2	R0.2	2	3	4	60
	SUS MILL	2DRR-010-R02-050-460	1	2	R0.2	2	5	4	60
		2DRR-010-R02-100-460	1	2	R0.2	2	10	4	60
		2DRR-010-R02-150-460	1	2	R0.2	2	15	4	60
	S-PRO	2DRR-010-R02-200-460	1	2	R0.2	2	20	4	60
		2DRR-015-R005-040-460	1.5	2	R0.05	3	4	4	60
		2DRR-015-R005-050-460	1.5	2	R0.05	3	5	4	60
	D-PRO	2DRR-015-R005-100-460	1.5	2	R0.05	3	10	4	60
		2DRR-015-R005-150-460	1.5	2	R0.05	3	15	4	60
		2DRR-015-R005-200-460	1.5	2	R0.05	3	20	4	60
		2DRR-015-R01-040-460	1.5	2	R0.1	3	4	4	60
	A-PLUS	2DRR-015-R01-050-460	1.5	2	R0.1	3	5	4	60
		2DRR-015-R01-100-460	1.5	2	R0.1	3	10	4	60
		2DRR-015-R01-150-460	1.5	2	R0.1	3	15	4	60
	AL-PRO	2DRR-015-R01-200-460	1.5	2	R0.1	3	20	4	60
		2DRR-015-R015-040-460	1.5	2	R0.15	3	4	4	60
		2DRR-015-R015-050-460	1.5	2	R0.15	3	5	4	60
	AL MILL	2DRR-015-R015-100-460	1.5	2	R0.15	3	10	4	60
		2DRR-015-R015-150-460	1.5	2	R0.15	3	15	4	60
		2DRR-015-R015-200-460	1.5	2	R0.15	3	20	4	60
	ABS	2DRR-015-R02-040-460	1.5	2	R0.2	3	4	4	60
		2DRR-015-R02-050-460	1.5	2	R0.2	3	5	4	60
		2DRR-015-R02-100-460	1.5	2	R0.2	3	10	4	60
	MICRO GRAIN	2DRR-015-R02-150-460	1.5	2	R0.2	3	15	4	60
		2DRR-015-R02-200-460	1.5	2	R0.2	3	20	4	60
		2DRR-015-R03-040-460	1.5	2	R0.3	3	4	4	60
	MULTI	2DRR-015-R03-050-460	1.5	2	R0.3	3	5	4	60
		2DRR-015-R03-100-460	1.5	2	R0.3	3	10	4	60
		2DRR-015-R03-150-460	1.5	2	R0.3	3	15	4	60
	Technical data	2DRR-015-R03-200-460	1.5	2	R0.3	3	20	4	60

(Unit: mm)

제품코드 Product Code	직경 DC	날수 ZEPF	반경 RE	날장 APMX	유효장 LU	생크경 DCON	전장 LF	R-PRO
2DRR-020-R005-040-460	2	2	R0.05	3	4	4	60	H-PRO
2DRR-020-R005-060-460	2	2	R0.05	3	6	4	60	
2DRR-020-R005-120-460	2	2	R0.05	3	12	4	60	
2DRR-020-R005-180-460	2	2	R0.05	3	18	4	60	
2DRR-020-R005-250-460	2	2	R0.05	3	25	4	60	
2DRR-020-R005-300-460	2	2	R0.05	3	30	4	60	X-PRO
2DRR-020-R01-040-460	2	2	R0.1	3	4	4	60	
2DRR-020-R01-060-460	2	2	R0.1	3	6	4	60	
2DRR-020-R01-120-460	2	2	R0.1	3	12	4	60	
2DRR-020-R01-180-460	2	2	R0.1	3	18	4	60	
2DRR-020-R01-250-460	2	2	R0.1	3	25	4	60	SUS MILL
2DRR-020-R01-300-460	2	2	R0.1	3	30	4	60	
2DRR-020-R02-040-460	2	2	R0.2	3	4	4	60	
2DRR-020-R02-060-460	2	2	R0.2	3	6	4	60	
2DRR-020-R02-120-460	2	2	R0.2	3	12	4	60	
2DRR-020-R02-180-460	2	2	R0.2	3	18	4	60	D-PRO
2DRR-020-R02-250-460	2	2	R0.2	3	25	4	60	
2DRR-020-R02-300-460	2	2	R0.2	3	30	4	60	
2DRR-020-R03-040-460	2	2	R0.3	3	4	4	60	
2DRR-020-R03-060-460	2	2	R0.3	3	6	4	60	
2DRR-020-R03-120-460	2	2	R0.3	3	12	4	60	A-PLUS
2DRR-020-R03-180-460	2	2	R0.3	3	18	4	60	
2DRR-020-R03-250-460	2	2	R0.3	3	25	4	60	
2DRR-020-R03-300-460	2	2	R0.3	3	30	4	60	
2DRR-020-R05-040-460	2	2	R0.5	3	4	4	60	
2DRR-020-R05-060-460	2	2	R0.5	3	6	4	60	AL MILL
2DRR-020-R05-120-460	2	2	R0.5	3	12	4	60	
2DRR-020-R05-180-460	2	2	R0.5	3	18	4	60	
2DRR-020-R05-250-460	2	2	R0.5	3	25	4	60	
2DRR-020-R05-300-460	2	2	R0.5	3	30	4	60	
2DRR-030-R005-060-480	3	2	R0.05	4.5	6	4	80	ABS
2DRR-030-R005-100-480	3	2	R0.05	4.5	10	4	80	
2DRR-030-R005-200-480	3	2	R0.05	4.5	20	4	80	
2DRR-030-R005-300-480	3	2	R0.05	4.5	30	4	80	
2DRR-030-R005-400-480	3	2	R0.05	4.5	40	4	80	
2DRR-030-R01-060-480	3	2	R0.1	4.5	6	4	80	MICRO GRAIN
2DRR-030-R01-100-480	3	2	R0.1	4.5	10	4	80	
2DRR-030-R01-200-480	3	2	R0.1	4.5	20	4	80	
2DRR-030-R01-300-480	3	2	R0.1	4.5	30	4	80	
2DRR-030-R01-400-480	3	2	R0.1	4.5	40	4	80	
2DRR-030-R01-060-480	3	2	R0.1	4.5	6	4	80	MULTI
2DRR-030-R01-100-480	3	2	R0.1	4.5	10	4	80	
2DRR-030-R01-200-480	3	2	R0.1	4.5	20	4	80	
2DRR-030-R01-300-480	3	2	R0.1	4.5	30	4	80	
2DRR-030-R01-400-480	3	2	R0.1	4.5	40	4	80	
2DRR-030-R01-060-480	3	2	R0.1	4.5	6	4	80	Technical data
2DRR-030-R01-100-480	3	2	R0.1	4.5	10	4	80	
2DRR-030-R01-200-480	3	2	R0.1	4.5	20	4	80	
2DRR-030-R01-300-480	3	2	R0.1	4.5	30	4	80	
2DRR-030-R01-400-480	3	2	R0.1	4.5	40	4	80	

(Unit: mm)

	R-PRO	제품코드 Product Code	직경 DC	날수 ZEP	반경 RE	날장 APMX	유효장 LU	생크경 DCON	전장 LF
		2DRR-030-R01-400-480	3	2	R0.1	4.5	40	4	80
		2DRR-030-R02-060-480	3	2	R0.2	4.5	6	4	80
		2DRR-030-R02-100-480	3	2	R0.2	4.5	10	4	80
		2DRR-030-R02-200-480	3	2	R0.2	4.5	20	4	80
		2DRR-030-R02-300-480	3	2	R0.2	4.5	30	4	80
		2DRR-030-R02-400-480	3	2	R0.2	4.5	40	4	80
		2DRR-030-R03-060-480	3	2	R0.3	4.5	6	4	80
		2DRR-030-R03-100-480	3	2	R0.3	4.5	10	4	80
		2DRR-030-R03-200-480	3	2	R0.3	4.5	20	4	80
		2DRR-030-R03-300-480	3	2	R0.3	4.5	30	4	80
		2DRR-030-R03-400-480	3	2	R0.3	4.5	40	4	80
		2DRR-030-R05-060-480	3	2	R0.5	4.5	6	4	80
		2DRR-030-R05-100-480	3	2	R0.5	4.5	10	4	80
		2DRR-030-R05-200-480	3	2	R0.5	4.5	20	4	80
		2DRR-030-R05-300-480	3	2	R0.5	4.5	30	4	80
		2DRR-030-R05-400-480	3	2	R0.5	4.5	40	4	80
		2DRR-030-R10-060-480	3	2	R1.0	4.5	6	4	80
		2DRR-030-R10-100-480	3	2	R1.0	4.5	10	4	80
		2DRR-030-R10-200-480	3	2	R1.0	4.5	20	4	80
		2DRR-030-R10-300-480	3	2	R1.0	4.5	30	4	80
		2DRR-030-R10-400-480	3	2	R1.0	4.5	40	4	80
		2DRR-040-R005-100-480	4	2	R0.05	6	10	4	80
		2DRR-040-R005-150-480	4	2	R0.05	6	15	4	80
		2DRR-040-R005-250-480	4	2	R0.05	6	25	4	80
		2DRR-040-R005-400-480	4	2	R0.05	6	40	4	80
		2DRR-040-R01-100-480	4	2	R0.1	6	10	4	80
		2DRR-040-R01-150-480	4	2	R0.1	6	15	4	80
		2DRR-040-R01-250-480	4	2	R0.1	6	25	4	80
		2DRR-040-R01-400-480	4	2	R0.1	6	40	4	80
		2DRR-040-R02-100-480	4	2	R0.2	6	10	4	80
		2DRR-040-R02-150-480	4	2	R0.2	6	15	4	80
		2DRR-040-R02-250-480	4	2	R0.2	6	25	4	80
		2DRR-040-R02-400-480	4	2	R0.2	6	40	4	80
		2DRR-040-R05-100-480	4	2	R0.5	6	10	4	80
		2DRR-040-R05-150-480	4	2	R0.5	6	15	4	80
		2DRR-040-R05-250-480	4	2	R0.5	6	25	4	80
		2DRR-040-R05-400-480	4	2	R0.5	6	40	4	80
		2DRR-040-R10-100-480	4	2	R1.0	6	10	4	80
		2DRR-040-R10-150-480	4	2	R1.0	6	15	4	80

(Unit: mm)

제품코드 Product Code	직경 DC	날수 ZEPF	반경 RE	날장 APMX	유효장 LU	생크경 DCON	전장 LF	R-PRO
2DRR-040-R10-250-480	4	2	R1.0	6	25	4	80	
2DRR-040-R10-400-480	4	2	R1.0	6	40	4	80	H-PRO
2DRR-050-R005-100-6B0	5	2	R0.05	7.5	10	6	110	
2DRR-050-R005-150-6B0	5	2	R0.05	7.5	15	6	110	A-PRO
2DRR-050-R005-300-6B0	5	2	R0.05	7.5	30	6	110	
2DRR-050-R005-500-6B0	5	2	R0.05	7.5	50	6	110	X-PRO
2DRR-050-R01-100-6B0	5	2	R0.1	7.5	10	6	110	
2DRR-050-R01-150-6B0	5	2	R0.1	7.5	15	6	110	
2DRR-050-R01-300-6B0	5	2	R0.1	7.5	30	6	110	
2DRR-050-R01-500-6B0	5	2	R0.1	7.5	50	6	110	SUS MILL
2DRR-050-R02-100-6B0	5	2	R0.2	7.5	10	6	110	
2DRR-050-R02-150-6B0	5	2	R0.2	7.5	15	6	110	
2DRR-050-R02-300-6B0	5	2	R0.2	7.5	30	6	110	S-PRO
2DRR-050-R02-500-6B0	5	2	R0.2	7.5	50	6	110	
2DRR-050-R05-100-6B0	5	2	R0.5	7.5	10	6	110	
2DRR-050-R05-150-6B0	5	2	R0.5	7.5	15	6	110	
2DRR-050-R05-300-6B0	5	2	R0.5	7.5	30	6	110	D-PRO
2DRR-050-R05-500-6B0	5	2	R0.5	7.5	50	6	110	
2DRR-060-R005-150-6B0	6	2	R0.05	9	15	6	110	A-PLUS
2DRR-060-R005-200-6B0	6	2	R0.05	9	20	6	110	
2DRR-060-R005-300-6B0	6	2	R0.05	9	30	6	110	
2DRR-060-R005-500-6B0	6	2	R0.05	9	50	6	110	AL-PRO
2DRR-060-R01-150-6B0	6	2	R0.1	9	15	6	110	
2DRR-060-R01-200-6B0	6	2	R0.1	9	20	6	110	
2DRR-060-R01-300-6B0	6	2	R0.1	9	30	6	110	AL MILL
2DRR-060-R01-500-6B0	6	2	R0.1	9	50	6	110	
2DRR-060-R02-150-6B0	6	2	R0.2	9	15	6	110	
2DRR-060-R02-200-6B0	6	2	R0.2	9	20	6	110	
2DRR-060-R02-300-6B0	6	2	R0.2	9	30	6	110	ABS
2DRR-060-R02-500-6B0	6	2	R0.2	9	50	6	110	
2DRR-060-R05-150-6B0	6	2	R0.5	9	15	6	110	
2DRR-060-R05-200-6B0	6	2	R0.5	9	20	6	110	MICRO GRAIN
2DRR-060-R05-300-6B0	6	2	R0.5	9	30	6	110	
2DRR-060-R05-500-6B0	6	2	R0.5	9	50	6	110	
2DRR-060-R10-150-6B0	6	2	R1.0	9	15	6	110	MULTI
2DRR-060-R10-200-6B0	6	2	R1.0	9	20	6	110	
2DRR-060-R10-300-6B0	6	2	R1.0	9	30	6	110	
2DRR-060-R10-500-6B0	6	2	R1.0	9	50	6	110	Technical data

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

4DRR

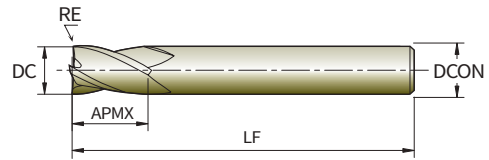
4날 다이아몬드 코팅 리브 코너 래디우스 엔드밀
4 Flutes Diamond Coated Rib Corner Radius End Mills

DIA

4

CR

30°

page
No.304

(Unit: mm)

제품코드 Product Code	직경 DC	날수 ZEPF	반경 RE	날장 APMX	유효장 LU	생크경 DCON	전장 LF
4DRR-020-R005-040-460	2	4	R0.05	3	4	4	60
4DRR-020-R005-060-460	2	4	R0.05	3	6	4	60
4DRR-020-R005-120-460	2	4	R0.05	3	12	4	60
4DRR-020-R005-180-460	2	4	R0.05	3	18	4	60
4DRR-020-R005-250-460	2	4	R0.05	3	25	4	60
4DRR-020-R005-300-460	2	4	R0.05	3	30	4	60
4DRR-020-R01-040-460	2	4	R0.1	3	4	4	60
4DRR-020-R01-060-460	2	4	R0.1	3	6	4	60
4DRR-020-R01-120-460	2	4	R0.1	3	12	4	60
4DRR-020-R01-180-460	2	4	R0.1	3	18	4	60
4DRR-020-R01-250-460	2	4	R0.1	3	25	4	60
4DRR-020-R01-300-460	2	4	R0.1	3	30	4	60
4DRR-020-R02-040-460	2	4	R0.2	3	4	4	60
4DRR-020-R02-060-460	2	4	R0.2	3	6	4	60
4DRR-020-R02-120-460	2	4	R0.2	3	12	4	60
4DRR-020-R02-180-460	2	4	R0.2	3	18	4	60
4DRR-020-R02-250-460	2	4	R0.2	3	25	4	60
4DRR-020-R02-300-460	2	4	R0.2	3	30	4	60
4DRR-020-R03-040-460	2	4	R0.3	3	4	4	60
4DRR-020-R03-060-460	2	4	R0.3	3	6	4	60
4DRR-020-R03-120-460	2	4	R0.3	3	12	4	60
4DRR-020-R03-180-460	2	4	R0.3	3	18	4	60
4DRR-020-R03-250-460	2	4	R0.3	3	25	4	60
4DRR-020-R03-300-460	2	4	R0.3	3	30	4	60
4DRR-020-R05-040-460	2	4	R0.5	3	4	4	60
4DRR-020-R05-060-460	2	4	R0.5	3	6	4	60

(Unit: mm)

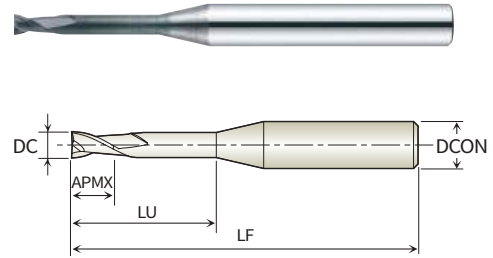
제품코드 Product Code	직경 DC	날수 ZEP	반경 RE	날장 APMX	유효장 LU	생크경 DCON	전장 LF	R-PRO
4DRR-020-R05-120-460	2	4	R0.5	3	12	4	60	H-PRO
4DRR-020-R05-180-460	2	4	R0.5	3	18	4	60	
4DRR-020-R05-250-460	2	4	R0.5	3	25	4	60	
4DRR-020-R05-300-460	2	4	R0.5	3	30	4	60	
4DRR-030-R005-060-480	3	4	R0.05	4.5	6	4	80	A-PRO
4DRR-030-R005-100-480	3	4	R0.05	4.5	10	4	80	
4DRR-030-R005-200-480	3	4	R0.05	4.5	20	4	80	
4DRR-030-R005-300-480	3	4	R0.05	4.5	30	4	80	
4DRR-030-R005-400-480	3	4	R0.05	4.5	40	4	80	X-PRO
4DRR-030-R01-060-480	3	4	R0.1	4.5	6	4	80	
4DRR-030-R01-100-480	3	4	R0.1	4.5	10	4	80	
4DRR-030-R01-200-480	3	4	R0.1	4.5	20	4	80	
4DRR-030-R01-300-480	3	4	R0.1	4.5	30	4	80	SUS MILL
4DRR-030-R01-400-480	3	4	R0.1	4.5	40	4	80	
4DRR-030-R02-060-480	3	4	R0.2	4.5	6	4	80	
4DRR-030-R02-100-480	3	4	R0.2	4.5	10	4	80	
4DRR-030-R02-200-480	3	4	R0.2	4.5	20	4	80	D-PRO
4DRR-030-R02-300-480	3	4	R0.2	4.5	30	4	80	
4DRR-030-R02-400-480	3	4	R0.2	4.5	40	4	80	
4DRR-030-R03-060-480	3	4	R0.3	4.5	6	4	80	
4DRR-030-R03-100-480	3	4	R0.3	4.5	10	4	80	A-PLUS
4DRR-030-R03-200-480	3	4	R0.3	4.5	20	4	80	
4DRR-030-R03-300-480	3	4	R0.3	4.5	30	4	80	
4DRR-030-R03-400-480	3	4	R0.3	4.5	40	4	80	
4DRR-030-R05-060-480	3	4	R0.5	4.5	6	4	80	AL-PRO
4DRR-030-R05-100-480	3	4	R0.5	4.5	10	4	80	
4DRR-030-R05-200-480	3	4	R0.5	4.5	20	4	80	
4DRR-030-R05-300-480	3	4	R0.5	4.5	30	4	80	
4DRR-030-R05-400-480	3	4	R0.5	4.5	40	4	80	AL MILL
4DRR-030-R10-060-480	3	4	R1.0	4.5	6	4	80	
4DRR-030-R10-100-480	3	4	R1.0	4.5	10	4	80	
4DRR-030-R10-200-480	3	4	R1.0	4.5	20	4	80	
4DRR-030-R10-300-480	3	4	R1.0	4.5	30	4	80	MICRO GRAIN
4DRR-030-R10-400-480	3	4	R1.0	4.5	40	4	80	
4DRR-040-R03-200-4A0	4	4	R0.3	6	20	4	100	
4DRR-040-R05-200-4A0	4	4	R0.5	6	20	4	100	MULTI
4DRR-040-R10-200-4A0	4	4	R1.0	6	20	4	100	
4DRR-060-R03-250-6B0	6	4	R0.3	9	25	6	110	
4DRR-060-R05-250-6B0	6	4	R0.5	9	25	6	110	
								Technical data

(Unit: mm)

	R-PRO	제품코드 Product Code	직경 DC	날수 ZEFP	반경 RE	날장 APMX	유효장 LU	생크경 DCON	전장 LF
		4DRR-060-R05-300-6F0	6	4	R0.5	9	30	6	150
	H-PRO	4DRR-060-R10-250-6B0	6	4	R1.0	9	25	6	110
		4DRR-060-R10-300-6F0	6	4	R1.0	9	30	6	150
	A-PRO	4DRR-080-R03-300-8B0	8	4	R0.3	12	30	8	110
		4DRR-080-R05-300-8B0	8	4	R0.5	12	30	8	110
		4DRR-080-R05-400-8G0	8	4	R0.5	12	40	8	160
		4DRR-080-R10-300-8B0	8	4	R1.0	12	30	8	110
	X-PRO	4DRR-080-R10-400-8G0	8	4	R1.0	12	40	8	160
		4DRR-100-R05-350-AB0	10	4	R0.5	15	35	10	110
		4DRR-100-R05-450-AG0	10	4	R0.5	15	45	10	160
	SUS MILL	4DRR-100-R10-350-AB0	10	4	R1.0	15	35	10	110
		4DRR-100-R10-450-AG0	10	4	R1.0	15	45	10	160
		4DRR-120-R05-400-CB0	12	4	R0.5	18	40	12	110
	S-PRO	4DRR-120-R05-450-CG0	12	4	R0.5	18	45	12	160
		4DRR-120-R10-400-CB0	12	4	R1.0	18	40	12	110
		4DRR-120-R10-450-CG0	12	4	R1.0	18	45	12	160
	D-PRO								
	A-PLUS								
	AL-PRO								
	AL MILL								
	ABS								
	MICRO GRAIN								
	MULTI								
Technical data									

2DRE

2날 다이아몬드 코팅 리브 플랫 엔드밀 2 Flutes Diamond Coated Rib Flat End Mills



(Unit: mm)

제품코드 Product Code	직경 DC	날수 ZEFP	날장 APMX	유효장 LU	샙크경 DCON	전장 LF
2DRE-010-050-460	1	2	3	5	4	60
2DRE-010-100-460	1	2	3	10	4	60
2DRE-010-150-460	1	2	3	15	4	60
2DRE-010-200-460	1	2	3	20	4	60
2DRE-010-250-460	1	2	3	25	4	60
2DRE-015-100-460	1.5	2	6	10	4	60
2DRE-015-150-460	1.5	2	6	15	4	60
2DRE-015-200-460	1.5	2	6	20	4	60
2DRE-015-250-460	1.5	2	6	25	4	60
2DRE-020-120-480	2	2	8	12	4	80
2DRE-020-150-480	2	2	8	15	4	80
2DRE-020-200-480	2	2	8	20	4	80
2DRE-020-250-480	2	2	8	25	4	80
2DRE-020-300-480	2	2	8	30	4	80
2DRE-020-400-480	2	2	8	40	4	80
2DRE-030-200-480	3	2	12	20	4	80
2DRE-030-250-480	3	2	12	25	4	80
2DRE-030-300-480	3	2	12	30	4	80
2DRE-030-400-480	3	2	12	40	4	80
2DRE-080-400-8G0	8	2	25	40	8	160
2DRE-100-500-AG0	10	2	25	50	10	160
2DRE-120-600-CG0	12	2	25	60	12	160

R-PRO

H-PRO

A-PRO

X-PRO

SUS MILL

S-PRO

D-PRO

A-PLUS

AL-PRO

AL MILL

ABS

MICRO
GRAIN

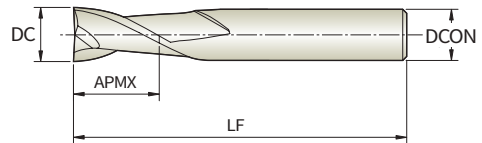
MULTI

Technical data

2DPE

2날 다이아몬드 코팅 플랫 엔드밀
2 Flutes Diamond Coated Flat End Mills

DIA

page
No.306

(Unit: mm)

제품코드 Product Code	직경 DC	날수 ZEFP	날장 APMX	생크경 DCON	전장 LF
2DPE-002-004-445	0.2	2	0.4	4	45
2DPE-003-006-445	0.3	2	0.6	4	45
2DPE-004-008-445	0.4	2	0.8	4	45
2DPE-005-010-445	0.5	2	1	4	45
2DPE-006-012-445	0.6	2	1.2	4	45
2DPE-007-014-445	0.7	2	1.4	4	45
2DPE-008-016-445	0.8	2	1.6	4	45
2DPE-009-018-445	0.9	2	1.8	4	45
2DPE-010-030-450	1	2	3	4	50
2DPE-015-040-450	1.5	2	4	4	50
2DPE-020-060-460	2	2	6	4	60
2DPE-020-080-480	2	2	8	4	80
2DPE-025-080-460	2.5	2	8	4	60
2DPE-030-100-660	3	2	10	6	60
2DPE-030-120-480	3	2	12	4	80
2DPE-040-120-660	4	2	12	6	60
2DPE-050-150-660	5	2	15	6	60
2DPE-050-200-6B0	5	2	20	6	110
2DPE-050-300-680	5	2	30	6	80
2DPE-060-150-670	6	2	15	6	70
2DPE-060-250-6B0	6	2	25	6	110
2DPE-060-250-6F0	6	2	25	6	150
2DPE-060-300-670	6	2	30	6	70
2DPE-070-200-870	7	2	20	8	70
2DPE-080-200-870	8	2	20	8	70
2DPE-080-300-880	8	2	30	8	80

(Unit: mm)

제품코드 Product Code	직경 DC	날수 ZEP	날장 APMX	생크경 DCON	전장 LF
2DPE-100-200-A75	10	2	20	10	75
2DPE-120-260-C80	12	2	26	12	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	

R-PRO

H-PRO

A-PRO

X-PRO

SUS MILL

S-PRO

D-PRO

A-PLUS

AL-PRO

AL MILL

ABS

MICRO
GRAIN

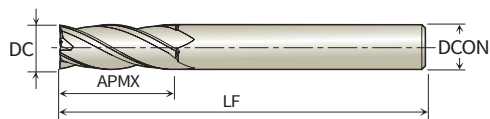
MULTI

Technical data

4DPE

4날 다이아몬드 코팅 플랫 엔드밀

4 Flutes Diamond Coated Flat End Mills



DIA

4

OD

30°

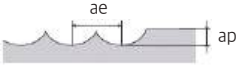
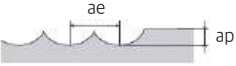
page
No.307

(Unit: mm)

제품코드 Product Code	직경 DC	날수 ZEFP	날장 APMX	생크경 DCON	전장 LF
4DPE-020-060-445	2	4	6	4	45
4DPE-020-100-460	2	4	10	4	60
4DPE-030-090-650	3	4	9	6	50
4DPE-030-150-360	3	4	15	3	60
4DPE-030-150-460	3	4	15	4	60
4DPE-040-120-650	4	4	12	6	50
4DPE-040-200-480	4	4	20	4	80
4DPE-060-180-660	6	4	18	6	60
4DPE-060-250-680	6	4	25	6	110
4DPE-060-250-6F0	6	4	25	6	150
4DPE-080-240-870	8	4	24	8	70
4DPE-080-350-8B0	6	4	35	8	110
4DPE-080-350-8G0	6	4	35	8	160
4DPE-100-250-A80	10	4	25	10	80
4DPE-100-400-AB0	10	4	40	10	110
4DPE-100-500-AG0	10	4	50	10	160
4DPE-120-250-C80	12	4	25	12	80
4DPE-120-450-CB0	12	4	45	12	110
4DPE-120-550-CG0	12	4	55	12	160

D-PRO 2DRB

Milling Condition

피삭재	흑연		동합금	
Workpiece	Graphite		Copper Alloys	
Radius of Ball Nose	RPM	Feed (mm/min)	RPM	Feed (mm/min)
R0.05	38,000~50,000	50~100	38,000~50,000	50~100
R0.1	38,000~50,000	80~150	38,000~50,000	200~500
R0.15	38,000~50,000	100~300	38,000~50,000	300~800
R0.2	30,000~42,000	200~500	30,000~42,000	300~1,000
R0.25	30,000~42,000	400~800	30,000~42,000	500~1,400
R0.3	20,000~40,000	500~900	24,000~40,000	350~1,600
R0.4	20,000~40,000	600~1,000	20,000~40,000	450~2,000
R0.5	20,000~40,000	800~2,000	20,000~40,000	800~3,000
R0.75	18,000~35,000	1,200~2,000	18,000~30,000	1,200~3,000
R1.0	12,000~30,000	1,200~2,000	12,000~20,000	1,200~3,000
R1.5	10,000~20,000	1,200~2,000	16,000~20,000	1,800~4,000
R2.0	10,000~15,000	1,300~2,000	16,000~20,000	2,100~4,000
R3.0	9,000~16,000	1,500~2,100	13,300~20,000	1,600~4,000
R4.0	8,000~12,000	1,400~2,200	10,000~16,000	1,400~3,200
R5.0	6,000~10,000	1,200~2,400	8,000~12,800	1,500~3,000
R6.0	4,000~8,000	1,200~1,900	6,600~10,000	1,300~2,600
Depth of Cut	 $ap=0.1D$ $ae=0.3D$		 $ap=0.05D$ $ae=0.3D$	

⚠ 경고 WARNING

- 강성을 지닌 정밀한 장비와 홀더를 사용하십시오.
- 절삭유 사용을 추천합니다.

- Use a rigid precise machine and holder.
- Recommend water soluble fluids.

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

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

D-PRO

2DPB

Milling Condition

피삭재	흑연		동합금	
Workpiece	Graphite		Copper Alloys	
Radius of Ball Nose	RPM	Feed (mm/min)	RPM	Feed (mm/min)
R0.3	20,000~40,000	800~2,000	20,000~40,000	800~3,000
R0.4	20,000~40,000	800~2,000	20,000~40,000	800~3,000
R0.5	20,000~40,000	800~2,000	20,000~40,000	800~3,000
R0.75	18,000~35,000	1,200~2,000	18,000~30,000	1,200~3,000
R1.0	12,000~30,000	1,200~2,000	12,000~20,000	1,200~3,000
R1.5	10,000~20,000	1,200~2,000	16,000~20,000	1,800~4,000
R2.0	10,000~15,000	1,300~2,000	16,000~20,000	2,100~4,000
R3.0	9,000~16,000	1,500~2,100	13,300~20,000	1,600~4,000
R4.0	8,000~12,000	1,400~2,200	10,000~16,000	1,400~3,200
R5.0	6,000~10,000	1,280~2,400	8,000~12,800	1,500~3,000
R6.0	4,000~8,000	1,200~1,900	6,600~10,000	1,300~2,600
Depth of Cut				

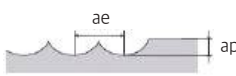
⚠ 경고 WARNING

1. 강성을 지닌 정밀한 장비와 홀더를 사용하십시오.
2. 절삭유 사용을 추천합니다.

1. Use a rigid precise machine and holder.
2. Recommend water soluble fluids.

D-PRO 2DRR

Milling Condition

피삭재	후연	
Workpiece	Graphite	
Outside Diameter	RPM	Feed (mm/min)
0.2	38,000~50,000	80~150
0.3	38,000~50,000	100~300
0.4	30,000~42,000	200~500
0.5	30,000~42,000	400~800
0.6	20,000~40,000	500~900
0.8	20,000~40,000	600~1,000
1.0	20,000~40,000	800~2,000
1.5	18,000~35,000	1,200~2,000
2.0	12,000~30,000	1,200~2,000
3.0	10,000~20,000	1,200~2,000
4.0	10,000~15,000	1,300~2,000
6.0	9,000~16,000	1,500~2,100
Depth of Cut	 $ap=0.1D$ $ae=0.3D$	

△ 경고 WARNING

1. 강성을 지닌 정밀한 장비와 홀더를 사용하십시오.
2. 절삭유 사용을 추천합니다.

1. Use a rigid precise machine and holder.
2. Recommend water soluble fluids.

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

R-PRO

H-PRO

A-PRO

X-PRO

SUS MILL

S-PRO

D-PRO

A-PLUS

AL-PRO

AL MILL

ABS

MICRO
GRAIN

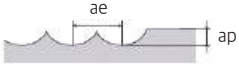
MULTI

Technical data

D-PRO

4DRR

Milling Condition

피삭재	흑연	
Workpiece	Graphite	
Outside Diameter	RPM	Feed (mm/min)
2.0	12,000~30,000	2,500~4,000
3.0	10,000~20,000	2,500~4,000
4.0	10,000~15,000	3,000~5,000
6.0	9,000~16,000	4,000~6,000
8.0	8,000~12,000	4,000~6,000
10.0	6,000~10,000	4,000~6,000
12.0	4,000~8,000	4,000~6,000
Depth of Cut	 $ap=0.05D$ $ae=0.3D$	

⚠ 경고 WARNING

1. 강성을 지닌 정밀한 장비와 홀더를 사용하십시오.
2. 절삭유 사용을 추천합니다.

1. Use a rigid precise machine and holder.
2. Recommend water soluble fluids.

D-PRO 2DRE

Milling Condition

피삭재	흑연		동합금	
Workpiece	Graphite		Copper Alloys	
Radius of Ball Nose	RPM	Feed (mm/min)	RPM	Feed (mm/min)
1.0	13,000~17,000	600~900	25,000~32,000	800~1,200
1.5	13,000~17,000	800~1,200	25,000~32,000	900~1,300
2.0	13,000~17,000	1,000~1,300	23,000~30,000	1,000~1,500
3.0	13,000~17,000	1,500~1,800	13,000~17,000	1,000~1,500
4.0	13,000~17,000	1,300~2,000	10,000~16,000	1,000~1,500
6.0	13,000~17,000	1,800~2,300	8,000~12,000	1,000~1,500
8.0	13,000~17,000	2,000~2,500	5,000~8,000	1,000~1,500
10.0	10,000~13,000	1,800~2,200	4,000~7,000	1,200~1,600
12.0	8,000~11,000	1,800~2,200	3,000~6,000	1,000~1,500
Depth of Cut	$ap=0.25D$ ($D \leq \varnothing 3$) $ap=0.5D$ ($D > \varnothing 3$)			

⚠ 경고 WARNING

- 강성을 지닌 정밀한 장비와 홀더를 사용하십시오.
- 절삭유 사용을 추천합니다.

- Use a rigid precise machine and holder.
- Recommend water soluble fluids.

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

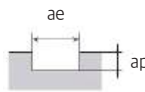
D-PRO

2DPE

Milling Condition

피삭재	흑연		동합금	
Workpiece	Graphite		Copper Alloys	
Radius of Ball Nose	RPM	Feed (mm/min)	RPM	Feed (mm/min)
0.2	30,000~40,000	350~800	30,000~40,000	250~600
0.3	30,000~40,000	350~800	30,000~40,000	250~600
0.4	28,000~35,000	500~800	28,000~35,000	300~650
0.5	25,000~32,000	500~800	25,000~32,000	300~650
0.6	25,000~32,000	500~800	25,000~32,000	300~650
0.7	23,000~30,000	500~800	23,000~30,000	400~700
0.8	20,000~30,000	500~800	20,000~30,000	500~800
1.0	13,000~17,000	600~900	25,000~32,000	800~1,200
1.5	13,000~17,000	800~1,200	25,000~32,000	900~1,300
2.0	13,000~17,000	1,000~1,300	23,000~30,000	1,000~1,500
3.0	13,000~17,000	1,500~1,800	13,000~17,000	1,000~1,500
4.0	13,000~17,000	1,300~2,000	10,000~16,000	1,000~1,500
6.0	13,000~17,000	1,800~2,300	8,000~12,000	1,000~1,500
8.0	13,000~17,000	2,000~2,500	5,000~8,000	1,000~1,500
10.0	10,000~13,000	1,800~2,200	4,000~7,000	1,200~1,600
12.0	8,000~11,000	1,800~2,200	3,000~6,000	1,000~1,500

Depth of Cut


 $ap=0.25D$ ($D \leq \varnothing 3$)
 $ap=0.5D$ ($D > \varnothing 3$)

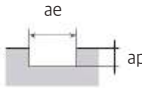
⚠ 경고 WARNING

1. 강성을 지닌 정밀한 장비와 홀더를 사용하십시오.
2. 절삭유 사용을 추천합니다.

1. Use a rigid precise machine and holder.
2. Recommend water soluble fluids.

D-PRO 4DPE

Milling Condition

피삭재	후연	
Workpiece	Graphite	
Outside Diameter	RPM	Feed (mm/min)
2.0	12,000~30,000	2,500~4,000
3.0	10,000~20,000	2,500~4,000
4.0	10,000~15,000	3,000~5,000
6.0	9,000~16,000	4,000~6,000
8.0	8,000~12,000	4,000~6,000
10.0	6,000~10,000	4,000~6,000
12.0	4,000~8,000	4,000~6,000
Depth of Cut	 $ap=0.25D \ (D \leq \varnothing 3)$ $ap=0.5D \ (D > \varnothing 3)$	

⚠ 경고 WARNING

- 강성을 지닌 정밀한 장비와 홀더를 사용하십시오.
- 절삭유 사용을 추천합니다.

- Use a rigid precise machine and holder.
- Recommend water soluble fluids.

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