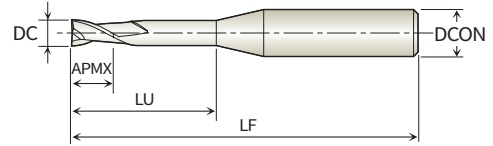


2HRE

2 Ağızlı Boyunlu Düz Karbür Frezeler

2 Flutes Rib Flat End Mills



(Unit: mm)

제품코드 Product Code	직경 DC	날수 ZEPF	날장 APMX	유효장 LU	생크경 DCON	전장 LF
2HRE-001-003-445	0.1	2	0.15	0.3	4	45
2HRE-001-005-445	0.1	2	0.15	0.5	4	45
2HRE-002-005-445	0.2	2	0.3	0.5	4	45
2HRE-002-010-445	0.2	2	0.3	1	4	45
2HRE-002-015-445	0.2	2	0.3	1.5	4	45
2HRE-002-020-445	0.2	2	0.3	2	4	45
2HRE-002-025-445	0.2	2	0.3	2.5	4	45
2HRE-002-030-445	0.2	2	0.3	3	4	45
2HRE-003-005-445	0.3	2	0.45	0.5	4	45
2HRE-003-010-445	0.3	2	0.45	1	4	45
2HRE-003-015-445	0.3	2	0.45	1.5	4	45
2HRE-003-020-445	0.3	2	0.45	2	4	45
2HRE-003-025-445	0.3	2	0.45	2.5	4	45
2HRE-003-030-445	0.3	2	0.45	3	4	45
2HRE-003-035-445	0.3	2	0.45	3.5	4	45
2HRE-003-040-445	0.3	2	0.45	4	4	45
2HRE-003-050-445	0.3	2	0.45	5	4	45
2HRE-004-010-445	0.4	2	0.6	1	4	45
2HRE-004-015-445	0.4	2	0.6	1.5	4	45
2HRE-004-020-445	0.4	2	0.6	2	4	45
2HRE-004-025-445	0.4	2	0.6	2.5	4	45
2HRE-004-030-445	0.4	2	0.6	3	4	45
2HRE-004-035-445	0.4	2	0.6	3.5	4	45
2HRE-004-040-445	0.4	2	0.6	4	4	45
2HRE-004-050-445	0.4	2	0.6	5	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 ZEPF	날장 APMX	유효장 LU	생크경 DCON	전장 LF
		2HRE-004-060-445	0.4	2	0.6	6	4	45
		2HRE-004-080-445	0.4	2	0.6	8	4	45
		2HRE-004-100-445	0.4	2	0.6	10	4	45
		2HRE-005-010-445	0.5	2	0.7	1	4	45
		2HRE-005-020-445	0.5	2	0.7	2	4	45
		2HRE-005-030-445	0.5	2	0.7	3	4	45
		2HRE-005-040-445	0.5	2	0.7	4	4	45
		2HRE-005-050-445	0.5	2	0.7	5	4	45
		2HRE-005-060-445	0.5	2	0.7	6	4	45
		2HRE-005-080-445	0.5	2	0.7	8	4	45
		2HRE-005-100-445	0.5	2	0.7	10	4	45
		2HRE-005-120-445	0.5	2	0.7	12	4	45
		2HRE-005-140-445	0.5	2	0.7	14	4	45
		2HRE-006-020-445	0.6	2	0.9	2	4	45
		2HRE-006-030-445	0.6	2	0.9	3	4	45
		2HRE-006-040-445	0.6	2	0.9	4	4	45
		2HRE-006-050-445	0.6	2	0.9	5	4	45
		2HRE-006-060-445	0.6	2	0.9	6	4	45
		2HRE-006-080-445	0.6	2	0.9	8	4	45
		2HRE-006-100-445	0.6	2	0.9	10	4	45
		2HRE-006-120-445	0.6	2	0.9	12	4	45
		2HRE-006-140-445	0.6	2	0.9	14	4	45
		2HRE-006-160-445	0.6	2	0.9	16	4	45
		2HRE-007-020-445	0.7	2	1	2	4	45
		2HRE-007-040-445	0.7	2	1	4	4	45
		2HRE-007-060-445	0.7	2	1	6	4	45
		2HRE-007-080-445	0.7	2	1	8	4	45
		2HRE-007-100-445	0.7	2	1	10	4	45
		2HRE-007-120-445	0.7	2	1	12	4	45
		2HRE-008-020-445	0.8	2	1.2	2	4	45
		2HRE-008-030-445	0.8	2	1.2	3	4	45
		2HRE-008-040-445	0.8	2	1.2	4	4	45
		2HRE-008-050-445	0.8	2	1.2	5	4	45
		2HRE-008-060-445	0.8	2	1.2	6	4	45
		2HRE-008-080-445	0.8	2	1.2	8	4	45
		2HRE-008-100-445	0.8	2	1.2	10	4	45
		2HRE-008-120-445	0.8	2	1.2	12	4	45
		2HRE-008-140-445	0.8	2	1.2	14	4	45
		2HRE-009-060-445	0.9	2	1.3	6	4	45



(Unit: mm)

제품코드 Product Code	직경 DC	날수 ZEPF	날장 APMX	유효장 LU	생크경 DCON	전장 LF
2HRE-009-080-445	0.9	2	1.3	8	4	45
2HRE-009-100-445	0.9	2	1.3	10	4	45
2HRE-010-020-445	1	2	1.5	2	4	45
2HRE-010-030-445	1	2	1.5	3	4	45
2HRE-010-040-445	1	2	1.5	4	4	45
2HRE-010-050-445	1	2	1.5	5	4	45
2HRE-010-060-445	1	2	1.5	6	4	45
2HRE-010-080-445	1	2	1.5	8	4	45
2HRE-010-100-445	1	2	1.5	10	4	45
2HRE-010-120-445	1	2	1.5	12	4	45
2HRE-010-140-450	1	2	1.5	14	4	50
2HRE-010-160-450	1	2	1.5	16	4	50
2HRE-010-180-450	1	2	1.5	18	4	50
2HRE-010-200-450	1	2	1.5	20	4	50
2HRE-010-250-460	1	2	1.5	25	4	60
2HRE-010-300-470	1	2	1.5	30	4	70
2HRE-012-040-445	1.2	2	1.8	4	4	45
2HRE-012-060-445	1.2	2	1.8	6	4	45
2HRE-012-080-445	1.2	2	1.8	8	4	45
2HRE-012-100-445	1.2	2	1.8	10	4	45
2HRE-012-120-445	1.2	2	1.8	12	4	45
2HRE-012-160-450	1.2	2	1.8	16	4	50
2HRE-012-200-450	1.2	2	1.8	20	4	50
2HRE-012-250-460	1.2	2	1.8	25	4	60
2HRE-012-300-470	1.2	2	1.8	30	4	70
2HRE-014-060-445	1.4	2	2.1	6	4	45
2HRE-014-080-445	1.4	2	2.1	8	4	45
2HRE-014-100-445	1.4	2	2.1	10	4	45
2HRE-014-120-445	1.4	2	2.1	12	4	45
2HRE-014-140-450	1.4	2	2.1	14	4	50
2HRE-014-160-450	1.4	2	2.1	16	4	50
2HRE-014-200-450	1.4	2	2.1	20	4	50
2HRE-015-040-445	1.5	2	2.3	4	4	45
2HRE-015-060-445	1.5	2	2.3	6	4	45
2HRE-015-080-445	1.5	2	2.3	8	4	45
2HRE-015-100-445	1.5	2	2.3	10	4	45
2HRE-015-120-445	1.5	2	2.3	12	4	45
2HRE-015-140-450	1.5	2	2.3	14	4	50
2HRE-015-160-450	1.5	2	2.3	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)

		(Unit: mm)						
	R-PRO	제품코드 Product Code	직경 DC	날수 ZEFP	날장 APMX	유효장 LU	생크경 DCON	전장 LF
	H-PRO	2HRE-015-180-450	1.5	2	2.3	18	4	50
		2HRE-015-200-450	1.5	2	2.3	20	4	50
		2HRE-015-250-460	1.5	2	2.3	25	4	60
	A-PRO	2HRE-015-300-470	1.5	2	2.3	30	4	70
		2HRE-016-100-445	1.6	2	2.4	10	4	45
		2HRE-016-120-445	1.6	2	2.4	12	4	45
	X-PRO	2HRE-016-140-450	1.6	2	2.4	14	4	50
		2HRE-016-180-450	1.6	2	2.4	18	4	50
		2HRE-018-100-445	1.8	2	2.7	10	4	45
	SUS MILL	2HRE-018-140-450	1.8	2	2.7	14	4	50
		2HRE-018-180-450	1.8	2	2.7	18	4	50
		2HRE-020-040-445	2	2	3	4	4	45
	S-PRO	2HRE-020-060-445	2	2	3	6	4	45
		2HRE-020-080-445	2	2	3	8	4	45
		2HRE-020-100-445	2	2	3	10	4	45
	D-PRO	2HRE-020-120-445	2	2	3	12	4	45
		2HRE-020-140-450	2	2	3	14	4	50
		2HRE-020-160-450	2	2	3	16	4	50
	A-PLUS	2HRE-020-180-450	2	2	3	18	4	50
		2HRE-020-200-450	2	2	3	20	4	50
		2HRE-020-220-460	2	2	3	22	4	60
	AL-PRO	2HRE-020-250-460	2	2	3	25	4	60
		2HRE-020-300-470	2	2	3	30	4	70
		2HRE-020-350-470	2	2	3	35	4	70
	AL MILL	2HRE-020-400-480	2	2	3	40	4	80
		2HRE-020-450-480	2	2	3	45	4	80
		2HRE-020-500-490	2	2	3	50	4	90
	ABS	2HRE-025-080-445	2.5	2	3.8	8	4	45
		2HRE-025-100-445	2.5	2	3.8	10	4	45
		2HRE-025-120-445	2.5	2	3.8	12	4	45
	MICRO GRAIN	2HRE-025-160-450	2.5	2	3.8	16	4	50
		2HRE-025-200-450	2.5	2	3.8	20	4	50
		2HRE-025-250-460	2.5	2	3.8	25	4	60
	MULTI	2HRE-025-300-470	2.5	2	3.8	30	4	70
		2HRE-025-350-470	2.5	2	3.8	35	4	70
		2HRE-025-400-480	2.5	2	3.8	40	4	80
	Technical data	2HRE-025-500-490	2.5	2	3.8	50	4	90
		2HRE-030-080-650	3	2	4.5	8	6	50
		2HRE-030-100-650	3	2	4.5	10	6	50



(Unit: mm)

제품코드 Product Code	직경 DC	날수 ZEPF	날장 APMX	유효장 LU	생크경 DCON	전장 LF
2HRE-030-120-650	3	2	4.5	12	6	50
2HRE-030-140-660	3	2	4.5	14	6	60
2HRE-030-160-660	3	2	4.5	16	6	60
2HRE-030-180-660	3	2	4.5	18	6	60
2HRE-030-200-660	3	2	4.5	20	6	60
2HRE-030-250-665	3	2	4.5	25	6	65
2HRE-030-300-670	3	2	4.5	30	6	70
2HRE-030-350-680	3	2	4.5	35	6	80
2HRE-030-400-680	3	2	4.5	40	6	80
2HRE-030-450-690	3	2	4.5	45	6	90
2HRE-030-500-6A0	3	2	4.5	50	6	100
2HRE-030-600-6B0	3	2	4.5	60	6	110
2HRE-040-080-650	4	2	6	8	6	50
2HRE-040-100-650	4	2	6	10	6	50
2HRE-040-120-650	4	2	6	12	6	50
2HRE-040-160-660	4	2	6	16	6	60
2HRE-040-200-660	4	2	6	20	6	60
2HRE-040-250-665	4	2	6	25	6	65
2HRE-040-300-670	4	2	6	30	6	70
2HRE-040-350-680	4	2	6	35	6	80
2HRE-040-400-680	4	2	6	40	6	80
2HRE-040-450-690	4	2	6	45	6	90
2HRE-040-500-6A0	4	2	6	50	6	100
2HRE-040-550-6B0	4	2	6	55	6	110
2HRE-040-600-6B0	4	2	6	60	6	110
2HRE-050-160-660	5	2	8	16	6	60
2HRE-050-200-660	5	2	8	20	6	60
2HRE-050-250-665	5	2	8	25	6	65
2HRE-050-300-670	5	2	8	30	6	70
2HRE-050-350-680	5	2	8	35	6	80
2HRE-050-400-680	5	2	8	40	6	80
2HRE-050-500-6A0	5	2	8	50	6	100
2HRE-050-600-6B0	5	2	8	60	6	110
2HRE-060-200-660	6	2	9	20	6	60
2HRE-060-300-670	6	2	9	30	6	70
2HRE-060-400-690	6	2	9	40	6	90
2HRE-060-500-6A0	6	2	9	50	6	100
2HRE-060-600-6B0	6	2	9	60	6	110
2HRE-080-200-865	8	2	12	20	8	65

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)

(Unit: mm)

	R-PRO	<table><tr><th>제품코드 Product Code</th><th>직경 DC</th><th>날수 ZEFP</th><th>날장 APMX</th><th>유효장 LU</th><th>생크경 DCON</th><th>전장 LF</th></tr><tr><td>2HRE-080-300-880</td><td>8</td><td>2</td><td>12</td><td>30</td><td>8</td><td>80</td></tr></table>	제품코드 Product Code	직경 DC	날수 ZEFP	날장 APMX	유효장 LU	생크경 DCON	전장 LF	2HRE-080-300-880	8	2	12	30	8	80
제품코드 Product Code	직경 DC	날수 ZEFP	날장 APMX	유효장 LU	생크경 DCON	전장 LF										
2HRE-080-300-880	8	2	12	30	8	80										
	H-PRO	<table><tr><td>2HRE-080-400-8A0</td><td>8</td><td>2</td><td>12</td><td>40</td><td>8</td><td>100</td></tr></table>	2HRE-080-400-8A0	8	2	12	40	8	100							
		2HRE-080-400-8A0	8	2	12	40	8	100								
		<table><tr><td>2HRE-100-250-A70</td><td>10</td><td>2</td><td>15</td><td>25</td><td>10</td><td>70</td></tr></table>	2HRE-100-250-A70	10	2	15	25	10	70							
2HRE-100-250-A70	10	2	15	25	10	70										
<table><tr><td>2HRE-100-350-AA0</td><td>10</td><td>2</td><td>15</td><td>35</td><td>10</td><td>100</td></tr></table>	2HRE-100-350-AA0	10	2	15	35	10	100									
2HRE-100-350-AA0	10	2	15	35	10	100										
	A-PRO	<table><tr><td>2HRE-100-450-AA0</td><td>10</td><td>2</td><td>15</td><td>45</td><td>10</td><td>100</td></tr></table>	2HRE-100-450-AA0	10	2	15	45	10	100							
		2HRE-100-450-AA0	10	2	15	45	10	100								
		<table><tr><td>2HRE-120-300-C80</td><td>12</td><td>2</td><td>18</td><td>30</td><td>12</td><td>80</td></tr></table>	2HRE-120-300-C80	12	2	18	30	12	80							
2HRE-120-300-C80	12	2	18	30	12	80										
<table><tr><td>2HRE-120-400-CB0</td><td>12</td><td>2</td><td>18</td><td>40</td><td>12</td><td>110</td></tr></table>	2HRE-120-400-CB0	12	2	18	40	12	110									
2HRE-120-400-CB0	12	2	18	40	12	110										
	X-PRO	<table><tr><td>2HRE-120-500-CB0</td><td>12</td><td>2</td><td>18</td><td>50</td><td>12</td><td>110</td></tr></table>	2HRE-120-500-CB0	12	2	18	50	12	110							
2HRE-120-500-CB0	12	2	18	50	12	110										
	SUS MILL															
	S-PRO															
	D-PRO															
	A-PLUS															
	AL-PRO															
	AL MILL															
	ABS															
	MICRO GRAIN															
	MULTI															
	Technical data															