



TOOLS[®]
Professional Cutting Tools



03 | CF - Serisi Chatterfree Freze



04 | SF - Serisi Chatterfree Freze



05 | CF - Serisi Uzun Freze



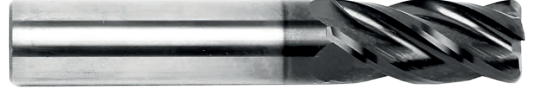
06 | Küre Freze



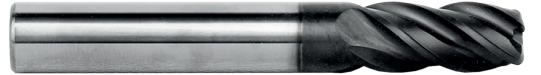
07 | Küre Freze Uzun



08 | Köşe Radüs Freze



09 | Köşe Radüs Freze Uzun



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11 | SF-IS Serisi Alüminyum Freze Uzun



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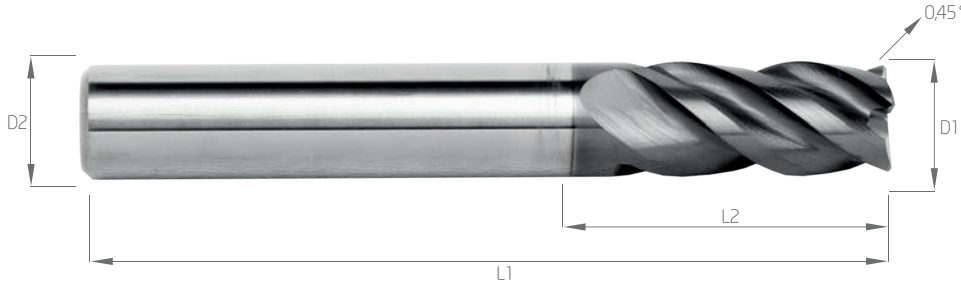


29 | 3XD - Soğutmasız



34 | 5XD - Soğutmasız





// Genel Mühendislik
// Kalıpcılık
// Otomotiv

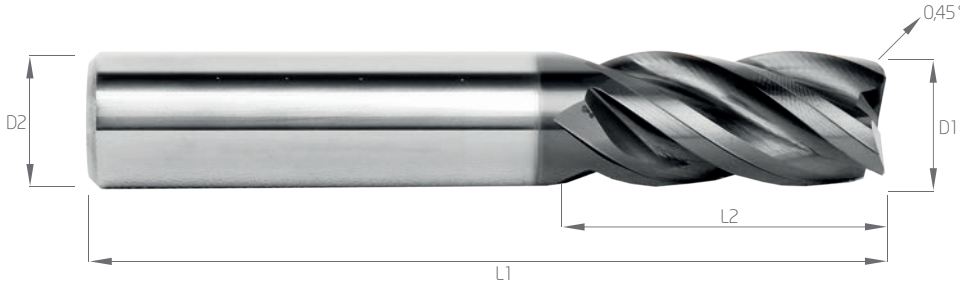
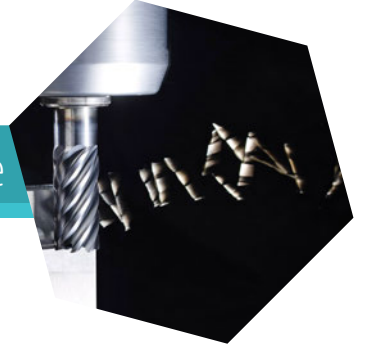
// Isı Dayanıklı Malzemeler
// Paslanmaz Çelikler
// İşleme Çelikleri
// Alaşım Alüminyum
// Titanyum
// Sert Plastik
// Otomat Malzemeler



CF-Serisi Chatterfree Freze

STOK KODU	D1 / h10	L2	D2 / h6	L1	
ACF-1040103	1 MM	2 MM	3 MM	50 MM	
ACF-1040104	1 MM	2 MM	4 MM	50 MM	
ACF-10401.503	1,5 MM	3 MM	3 MM	50 MM	
ACF-10401.504	1,5 MM	3 MM	4 MM	50 MM	
ACF-1040203	2 MM	4 MM	3 MM	50 MM	
ACF-1040204	2 MM	4 MM	4 MM	50 MM	
ACF-1040303	3 MM	8 MM	3 MM	50 MM	
ACF-1040304	3 MM	8 MM	4 MM	50 MM	
ACF-1040306	3 MM	8 MM	6 MM	57 MM	
ACF-1040404	4 MM	11 MM	4 MM	50 MM	
ACF-1040406	4 MM	11 MM	6 MM	57 MM	
ACF-1040505	5 MM	12 MM	5 MM	50 MM	
ACF-1040506	5 MM	12 MM	6 MM	57 MM	
ACF-1040606	6 MM	15 MM	6 MM	57 MM	
ACF-1040808	8 MM	19 MM	8 MM	63 MM	
ACF-1041010	10 MM	22 MM	10 MM	72 MM	
ACF-1041212	12 MM	25 MM	12 MM	83 MM	
ACF-1041414	14 MM	28 MM	14 MM	83 MM	
ACF-1041616	16 MM	32 MM	16 MM	92 MM	
ACF-1041818	18 MM	35 MM	18 MM	92 MM	
ACF-1042020	20 MM	38 MM	20 MM	104 MM	





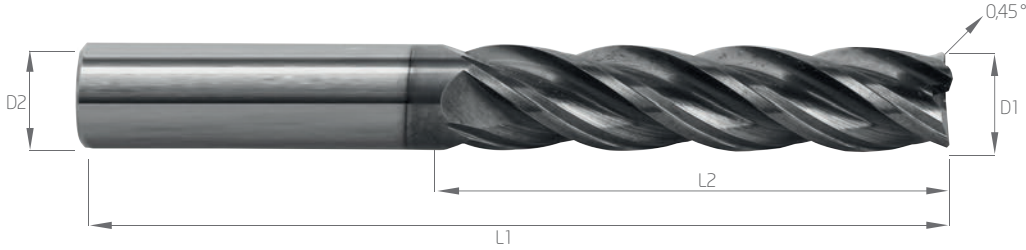
// Genel Mühendislik
// Kalıpcılık
// Otomotiv

// Isı Dayanıklı Malzemeler
// Paslanmaz Çelikler
// İşleme Çelikleri
// Alaşımli Alüminyum
// Titanyum
// Sert Plastik
// Otomat Malzemeler



SF-Serisi Chatterfree Freze

STOK KODU	D1 / h10	L2	D2 / h6	L1	
AHC-1040103	1 MM	2 MM	3 MM	50 MM	
AHC-1040203	2 MM	4 MM	3 MM	50 MM	
AHC-1040204	2 MM	4 MM	4 MM	50 MM	
AHC-1040206	2 MM	4 MM	6 MM	57 MM	
AHC-1040303	3 MM	6 MM	3 MM	50 MM	
AHC-1040304	3 MM	6 MM	4 MM	50 MM	
AHC-1040306	3 MM	6 MM	6 MM	57 MM	
AHC-1040404	4 MM	8 MM	4 MM	50 MM	
AHC-1040406	4 MM	8 MM	6 MM	57 MM	
AHC-1040505	5 MM	10 MM	5 MM	50 MM	
AHC-1040506	5 MM	10 MM	6 MM	57 MM	
AHC-1040606	6 MM	12 MM	6 MM	57 MM	
AHC-1040808	8 MM	20 MM	8 MM	63 MM	
AHC-1041010	10 MM	21 MM	10 MM	72 MM	
AHC-1041212	12 MM	25 MM	12 MM	83 MM	
AHC-1041414	14 MM	28 MM	14 MM	83 MM	
AHC-1041616	16 MM	32 MM	16 MM	92 MM	
AHC-1041818	18 MM	35 MM	18 MM	100 MM	
AHC-1042020	20 MM	38 MM	20 MM	100 MM	
AHC-1042222	22 MM	42 MM	22 MM	105 MM	
AHC-1042525	25 MM	45 MM	25 MM	110 MM	
AHC-1043232	32 MM	50 MM	32 MM	110 MM	



- // Genel Mühendislik
- // Kalıpcılık
- // Otomotiv

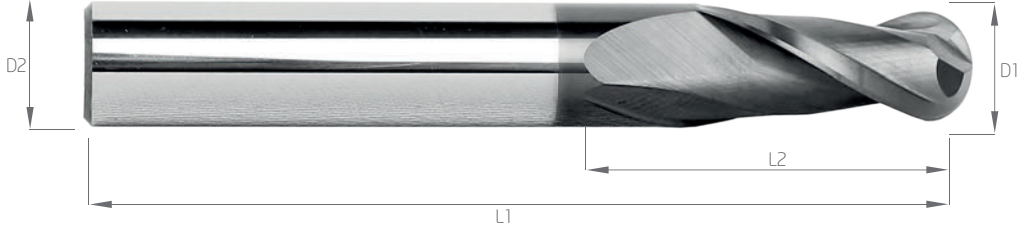
- // Isı Dayanıklı Malzemeler
- // Alaşimsız Çelikler
- // Düşük Alaşımli Çelikler
- // İşleme Çelikleri
- // Döküm
- // Alaşımli Alüminyum
- // Sert Plastik Malzemeler
- // Otomat Malzemeler



CF-Serisi Uzun Freze

STOK KODU	D1 / h10	L2	D2 / h6	L1	
AP-3140303-63	3 MM	12 MM	3 MM	63 MM	
AP-3140303-100	3 MM	15 MM	3 MM	100 MM	
AP-3140404-75	4 MM	16 MM	4 MM	75 MM	
AP-3140404-100	4 MM	20 MM	4 MM	100 MM	
AP-3140505-75	5 MM	20 MM	5 MM	75 MM	
AP-3140505-100	5 MM	26 MM	5 MM	100 MM	
AP-3140606-75	6 MM	25 MM	6 MM	75 MM	
AP-3140606-100	6 MM	30 MM	6 MM	100 MM	
AP-3140808-83	8 MM	32 MM	8 MM	83 MM	
AP-3140808-100	8 MM	40 MM	8 MM	100 MM	
AP-3140808-150	8 MM	50 MM	8 MM	150 MM	
AP-3141010-100	10 MM	40 MM	10 MM	100 MM	
AP-3141010-150	10 MM	50 MM	10 MM	150 MM	
AP-3141212-100	12 MM	45 MM	12 MM	100 MM	
AP-3141212-150	12 MM	60 MM	12 MM	150 MM	
AP-3141414-100	14 MM	45 MM	14 MM	100 MM	
AP-3141414-150	14 MM	60 MM	14 MM	150 MM	
AP-3141616-110	16 MM	50 MM	16 MM	110 MM	
AP-3141616-150	16 MM	75 MM	16 MM	150 MM	
AP-3141818-150	18 MM	75 MM	18 MM	150 MM	
AP-3142020-150	20 MM	75 MM	20 MM	150 MM	
AP-3142525-150	25 MM	75 MM	25 MM	150 MM	





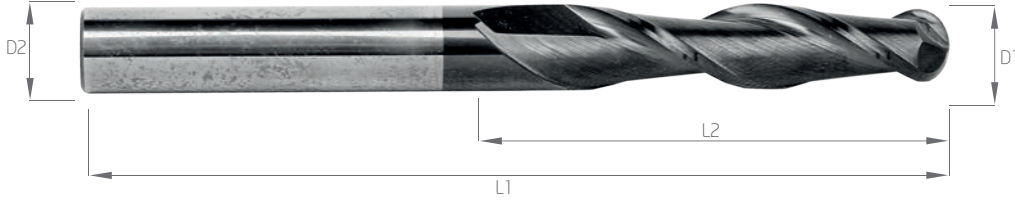
// Genel Mühendislik
// Kalıpcılık
// Otomotiv

// Isı Dayanıklı Malzemeler
// Aşırımsız Çelikler
// Düşük Aşırımlı Çelikler
// İşleme Çelikleri
// Döküm
// Aşırımlı Alüminyum
// Sert Plastik Malzemeler
// Otomat Malzemeler



Küre Freze

STOK KODU	D1 / h10	L2	D2 / h6	L1	
ABN-4020103	1 MM	2 MM	3 MM	50 MM	
ABN-4020104	1 MM	2 MM	4 MM	50 MM	
ABN-4021.503	1,5 MM	3 MM	3 MM	50 MM	
ABN-4021.504	1,5 MM	3 MM	4 MM	50 MM	
ABN-4020203	2 MM	4 MM	3 MM	50 MM	
ABN-4020204	2 MM	4 MM	4 MM	50 MM	
ABN-4020303	3 MM	8 MM	3 MM	50 MM	
ABN-4020304	3 MM	8 MM	4 MM	50 MM	
ABN-4020306	3 MM	8 MM	6 MM	57 MM	
ABN-4020404	4 MM	11 MM	4 MM	50 MM	
ABN-4020406	4 MM	11 MM	6 MM	57 MM	
ABN-4020505	5 MM	12 MM	5 MM	50 MM	
ABN-4020506	5 MM	12 MM	6 MM	57 MM	
ABN-4020606	6 MM	15 MM	6 MM	57 MM	
ABN-4020808	8 MM	19 MM	8 MM	63 MM	
ABN-4021010	10 MM	22 MM	10 MM	72 MM	
ABN-4021212	12 MM	25 MM	12 MM	83 MM	
ABN-4021414	14 MM	28 MM	14 MM	83 MM	
ABN-4021616	16 MM	32 MM	16 MM	92 MM	
ABN-4021818	18 MM	35 MM	18 MM	92 MM	
ABN-4022020	20 MM	38 MM	20 MM	104 MM	
ABN-4022525	25 MM	44 MM	25 MM	110 MM	



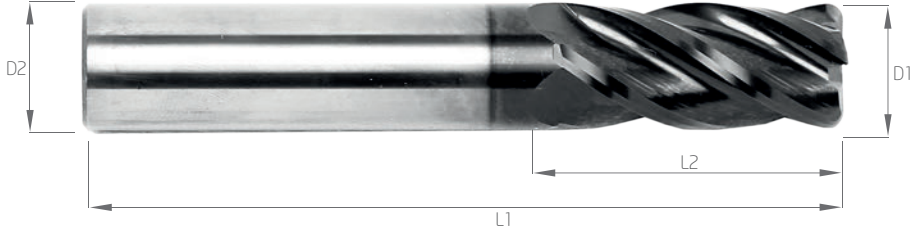
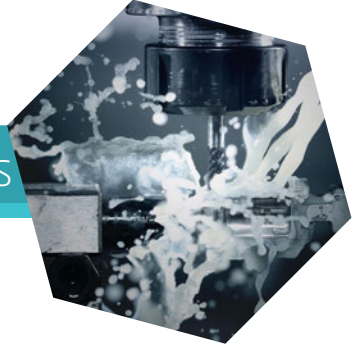
- // Genel Mühendislik
- // Kalıpcılık
- // Otomotiv

- // Isı Dayanıklı Malzemeler
- // Aşırımsız Çelikler
- // Düşük Aşırımsız Çelikler
- // İşleme Çelikleri
- // Döküm
- // Aşırımsız Alüminyum
- // Sert Plastik Malzemeler
- // Otomat Malzemeler



Küre Freze Uzun

STOK KODU	D1 / h10	L2	D2 / h6	L1	
ABN-4120303-63	3 MM	12 MM	3 MM	63 MM	
ABN-4120303-100	3 MM	15 MM	3 MM	100 MM	
ABN-4120404-75	4 MM	16 MM	4 MM	75 MM	
ABN-4120404-100	4 MM	20 MM	4 MM	100 MM	
ABN-4120505-75	5 MM	20 MM	5 MM	75 MM	
ABN-4120505-100	5 MM	26 MM	5 MM	100 MM	
ABN-4120606-75	6 MM	25 MM	6 MM	75 MM	
ABN-4120606-100	6 MM	30 MM	6 MM	100 MM	
ABN-4120808-83	8 MM	32 MM	8 MM	83 MM	
ABN-4120808-100	8 MM	40 MM	8 MM	100 MM	
ABN-4120808-150	8 MM	50 MM	8 MM	150 MM	
ABN-4121010-100	10 MM	40 MM	10 MM	100 MM	
ABN-4121010-150	10 MM	50 MM	10 MM	150 MM	
ABN-4121212-100	12 MM	45 MM	12 MM	100 MM	
ABN-4121212-150	12 MM	60 MM	12 MM	150 MM	
ABN-4121414-100	14 MM	45 MM	14 MM	100 MM	
ABN-4121414-150	14 MM	60 MM	14 MM	150 MM	
ABN-4121616-110	16 MM	50 MM	16 MM	110 MM	
ABN-4121616-150	16 MM	75 MM	16 MM	150 MM	
ABN-4121818-150	18 MM	75 MM	18 MM	150 MM	
ABN-4122020-150	20 MM	75 MM	20 MM	150 MM	



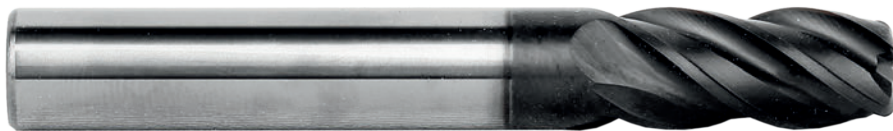
// Genel Mühendislik
// Kalıpcılık
// Otomotiv

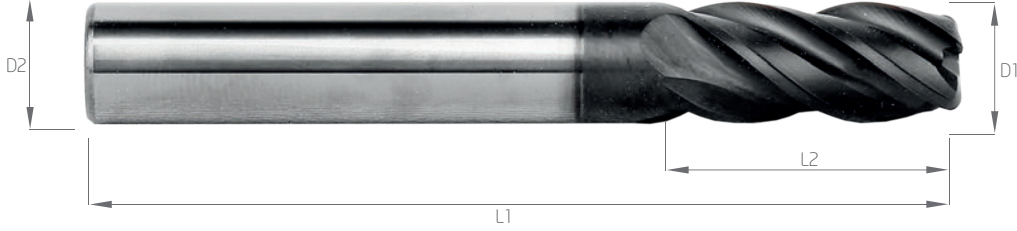
// Isı Dayanıklı Malzemeler
// Aşırı Çelikler
// Düşük Aşırı Çelikler
// İşleme Çelikleri
// Döküm
// Aşırı Alüminyum
// Sert Plastik Malzemeler
// Otomat Malzemeler



Köşe Radüs Freze

STOK KODU	D1 / h10	L2	D2 / h6	L1	
ACN-5040303	3 MM	8 MM	3 MM	50 MM	
ACN-5040304	3 MM	8 MM	4 MM	50 MM	
ACN-5040306	3 MM	8 MM	6 MM	57 MM	
ACN-5040404	4 MM	11 MM	4 MM	50 MM	
ACN-5040406	4 MM	11 MM	6 MM	57 MM	
ACN-5040505	5 MM	12 MM	5 MM	50 MM	
ACN-5040506	5 MM	12 MM	6 MM	57 MM	
ACN-5040606	6 MM	15 MM	6 MM	57 MM	
ACN-5040808	8 MM	19 MM	8 MM	63 MM	
ACN-5041010	10 MM	22 MM	10 MM	72 MM	
ACN-5041212	12 MM	25 MM	12 MM	83 MM	
ACN-5041414	14 MM	28 MM	14 MM	83 MM	
ACN-5041616	16 MM	32 MM	16 MM	92 MM	
ACN-5041818	18 MM	35 MM	18 MM	100 MM	
ACN-5042020	20 MM	38 MM	20 MM	104 MM	
ACN-5042525	25 MM	44 MM	25 MM	110 MM	





// Genel Mühendislik
// Kalıpcılık
// Otomotiv

// Isı Dayanıklı Malzemeler
// Aşırı Sız Çelikler
// Düşük Aşırı Sız Çelikler
// İşleme Çelikleri
// Döküm
// Aşırı Sız Alüminyum
// Sert Plastik Malzemeler
// Otomat Malzemeler

PERFORMA

RH
RC

Z2
Z3
Z4

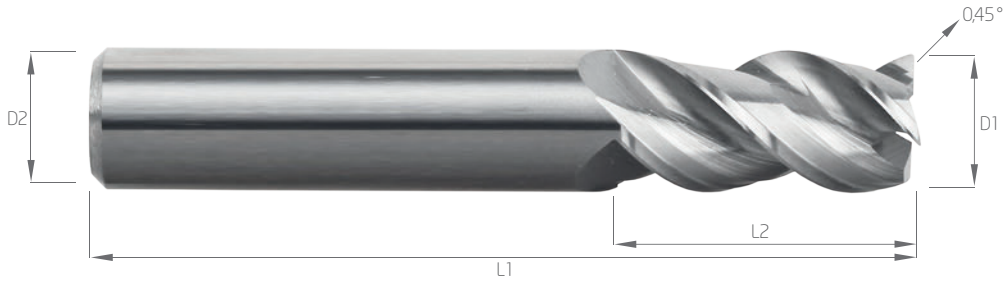
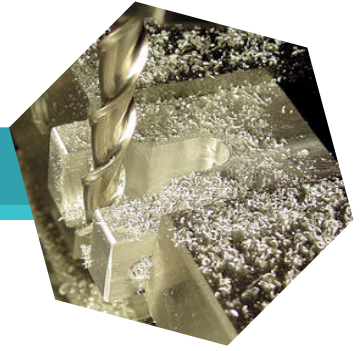
< 32
HRC

HELICAL
35°

CORNER
RADIUS

Köşe Radüs Freze Uzun

STOK KODU	D1 / h10	L2	D2 / h6	L1	
ACN-5140303-63	3 MM	12 MM	3 MM	63 MM	
ACN-5140303-100	3 MM	15 MM	3 MM	100 MM	
ACN-5140404-75	4 MM	16 MM	4 MM	75 MM	
ACN-5140404-100	4 MM	20 MM	4 MM	100 MM	
ACN-5140505-75	5 MM	20 MM	5 MM	75 MM	
ACN-5140505-100	5 MM	26 MM	5 MM	100 MM	
ACN-5140606-75	6 MM	25 MM	6 MM	75 MM	
ACN-5140606-100	6 MM	30 MM	6 MM	100 MM	
ACN-5140808-83	8 MM	32 MM	8 MM	83 MM	
ACN-5140808-100	8 MM	40 MM	8 MM	100 MM	
ACN-5140808-150	8 MM	50 MM	8 MM	150 MM	
ACN-5141010-100	10 MM	40 MM	10 MM	100 MM	
ACN-5141010-150	10 MM	50 MM	10 MM	150 MM	
ACN-5141212-100	12 MM	45 MM	12 MM	100 MM	
ACN-5141212-150	12 MM	60 MM	12 MM	150 MM	
ACN-5141414-100	14 MM	45 MM	14 MM	100 MM	
ACN-5141414-150	14 MM	60 MM	14 MM	150 MM	
ACN-5141616-110	16 MM	50 MM	16 MM	110 MM	
ACN-5141616-150	16 MM	75 MM	16 MM	150 MM	
ACN-5141818-150	18 MM	75 MM	18 MM	150 MM	
ACN-5142020-150	20 MM	75 MM	20 MM	150 MM	



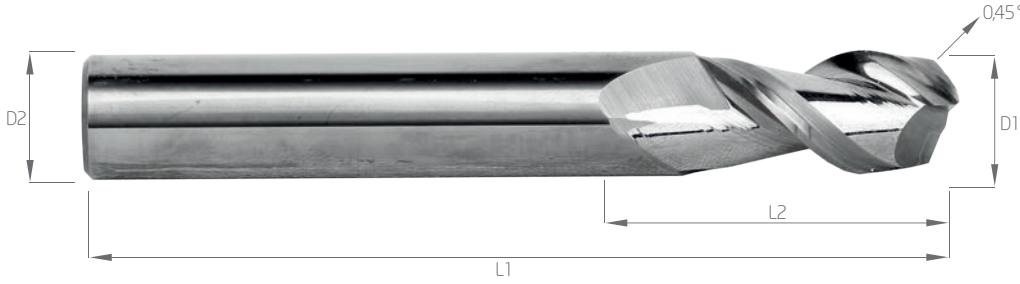
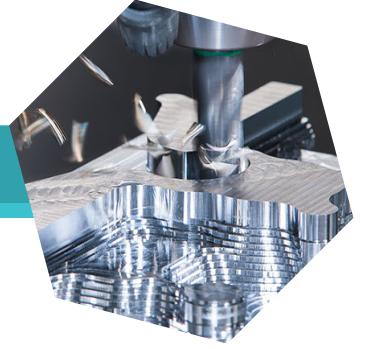
- // Genel Mühendislik
- // Kalıpcılık
- // Otomotiv
- // Havacılık

- // Alüminyum
- // Demir Dışı Materyaller
- // Plastik
- // Sert Plastikler
- // Alüminyum Alaşımlar
- // Bakır Alaşımlar

SF-IS Serisi Alüminyum Freze

STOK KODU	D1 / h10	L2	D2 / h6	L1	
AAL-2030103	1 MM	3 MM	3 MM	50 MM	
AAL-2030203	2 MM	4 MM	3 MM	50 MM	
AAL-2030204	2 MM	4 MM	4 MM	50 MM	
AAL-2030303	3 MM	8 MM	3 MM	50 MM	
AAL-2030304	3 MM	8 MM	4 MM	50 MM	
AAL-2030306	3 MM	8 MM	6 MM	57 MM	
AAL-2030404	4 MM	11 MM	4 MM	50 MM	
AAL-2030406	4 MM	11 MM	6 MM	57 MM	
AAL-2030505	5 MM	12 MM	5 MM	50 MM	
AAL-2030506	5 MM	12 MM	6 MM	57 MM	
AAL-2030606	6 MM	15 MM	6 MM	57 MM	
AAL-2030808	8 MM	19 MM	8 MM	63 MM	
AAL-2031010	10 MM	22 MM	10 MM	72 MM	
AAL-2031212	12 MM	25 MM	12 MM	83 MM	
AAL-2031414	14 MM	28 MM	14 MM	83 MM	
AAL-2031616	16 MM	32 MM	16 MM	92 MM	
AAL-2031818	18 MM	35 MM	18 MM	100 MM	
AAL-2032020	20 MM	38 MM	20 MM	104 MM	



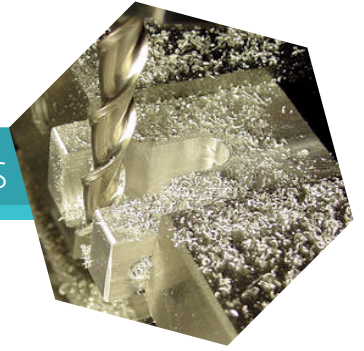


// Genel Mühendislik
// Kalıpcılık
// Otomotiv
// Havacılık

// Alüminyum
// Demir Dışı Materyaller
// Plastik
// Sert Plastikler
// Alüminyum Alaşımlar
// Bakır Alaşımlar

SF-IS Serisi Alüminyum Freze Uzun

STOK KODU	D1 / h10	L2	D2 / h6	L1	
AAL-2130303-100	3 MM	15 MM	3 MM	100 MM	
AAL-2130404-75	4 MM	16 MM	4 MM	75 MM	
AAL-2130404-100	4 MM	20 MM	4 MM	100 MM	
AAL-2130505-75	5 MM	20 MM	5 MM	75 MM	
AAL-2130505-100	5 MM	26 MM	5 MM	100 MM	
AAL-2130606-75	6 MM	25 MM	6 MM	75 MM	
AAL-2130606-100	6 MM	30 MM	6 MM	100 MM	
AAL-2130808-83	8 MM	32 MM	8 MM	83 MM	
AAL-2138086-100	8 MM	40 MM	8 MM	100 MM	
AAL-2130808-150	8 MM	50 MM	8 MM	150 MM	
AAL-2131010-100	10 MM	40 MM	10 MM	100 MM	
AAL-2131010-150	10 MM	50 MM	10 MM	150 MM	
AAL-2131212-100	12 MM	45 MM	12 MM	100 MM	
AAL-2131212-150	12 MM	60 MM	12 MM	150 MM	
AAL-2131414-100	14 MM	45 MM	14 MM	100 MM	
AAL-2131414-150	14 MM	60 MM	14 MM	150 MM	
AAL-2131616-110	16 MM	50 MM	16 MM	110 MM	
AAL-2131616-150	16 MM	75 MM	16 MM	150 MM	
AAL-2131818-150	18 MM	75 MM	18 MM	150 MM	
AAL-2132020-150	20 MM	75 MM	20 MM	150 MM	

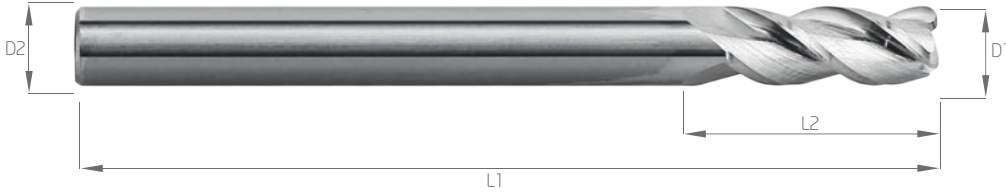
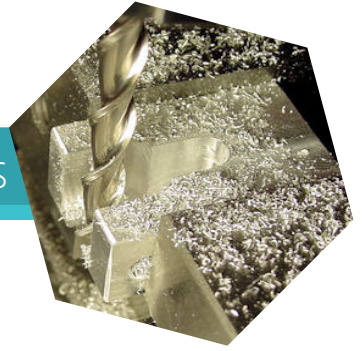


// Genel Mühendislik
// Kalıpcılık
// Otomotiv
// Havacılık

// Alüminyum
// Demir Dışı Materyaller
// Plastik
// Sert Plastikler
// Alüminyum Alaşımlar
// Bakır Alaşımlar

Alüminyum Köşe Radüs Freze

STOK KODU	D1 / h10	L2	D2 / h6	L1	
ACN-AL-5030303	3 MM	8 MM	3 MM	50 MM	
ACN-AL-5030304	3 MM	8 MM	4 MM	50 MM	
ACN-AL-5030306	3 MM	8 MM	6 MM	57 MM	
ACN-AL-5030404	4 MM	11 MM	4 MM	50 MM	
ACN-AL-5030406	4 MM	11 MM	6 MM	57 MM	
ACN-AL-5030505	5 MM	12 MM	5 MM	50 MM	
ACN-AL-5030506	5 MM	12 MM	6 MM	57 MM	
ACN-AL-5030606	6 MM	15 MM	6 MM	57 MM	
ACN-AL-5030808	8 MM	19 MM	8 MM	63 MM	
ACN-AL-5031010	10 MM	22 MM	10 MM	72 MM	
ACN-AL-5031212	12 MM	25 MM	12 MM	83 MM	
ACN-AL-5031414	14 MM	28 MM	14 MM	83 MM	
ACN-AL-5031616	16 MM	32 MM	16 MM	92 MM	
ACN-AL-5031818	18 MM	35 MM	18 MM	92 MM	
ACN-AL-5032020	20 MM	38 MM	20 MM	105 MM	
ACN-AL-5032525	25 MM	44 MM	25 MM	110 MM	

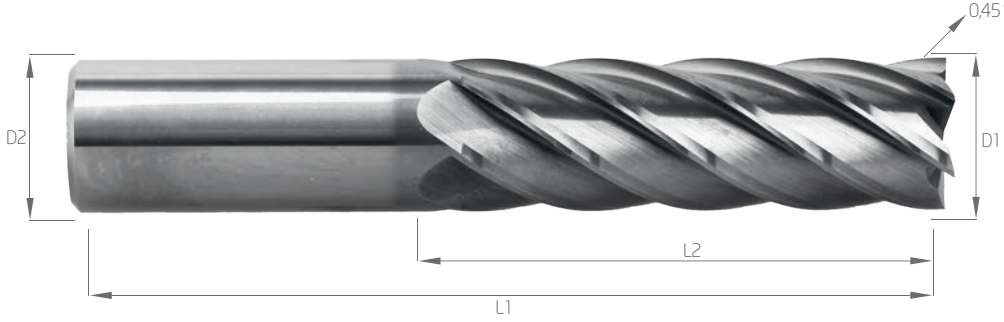


// Genel Mühendislik
// Kalıpcılık
// Otomotiv
// Havacılık

// Alüminyum
// Demir Dışı Materyaller
// Plastik
// Sert Plastikler
// Alüminyum Alaşımlar
// Bakır Alaşımlar

Alüminyum Köşe Radüs Freze Uzun

STOK KODU	D1 / h10	L2	D2 / h6	L1	
ACN-AL-5130303-65	3 MM	12 MM	3 MM	63 MM	
ACN-AL-5130303-100	3 MM	15 MM	3 MM	100 MM	
ACN-AL-5130404-75	4 MM	16 MM	4 MM	75 MM	
ACN-AL-5130404-100	4 MM	20 MM	4 MM	100 MM	
ACN-AL-5130505-75	5 MM	20 MM	5 MM	75 MM	
ACN-AL-5130505-100	5 MM	26 MM	5 MM	100 MM	
ACN-AL-5130606-75	6 MM	25 MM	6 MM	75 MM	
ACN-AL-5130606-100	6 MM	30 MM	6 MM	100 MM	
ACN-AL-5130808-82	8 MM	32 MM	8 MM	83 MM	
ACN-AL-5131010-100	8 MM	40 MM	8 MM	100 MM	
ACN-AL-5130808-150	8 MM	50 MM	8 MM	150 MM	
ACN-AL-5131010-100	10 MM	40 MM	10 MM	100 MM	
ACN-AL-5131010-150	10 MM	50 MM	10 MM	150 MM	
ACN-AL-5131212-100	12 MM	45 MM	12 MM	100 MM	
ACN-AL-5131212-150	12 MM	60 MM	12 MM	150 MM	
ACN-AL-5131414-100	14 MM	45 MM	14 MM	100 MM	
ACN-AL-5131414-150	14 MM	60 MM	14 MM	150 MM	
ACN-AL-5131616-100	16 MM	50 MM	16 MM	110 MM	
ACN-AL-5131616-150	16 MM	75 MM	16 MM	150 MM	
ACN-AL-5131818-150	18 MM	75 MM	18 MM	150 MM	
ACN-AL-5132020-150	20 MM	75 MM	20 MM	150 MM	



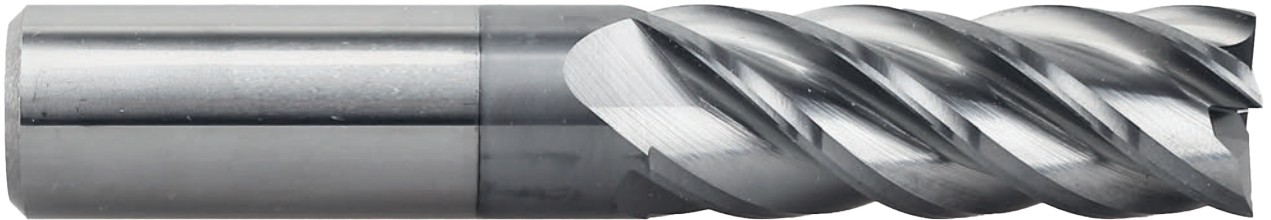
- // Genel Mühendislik
- // Kalıpcılık
- // Otomotiv
- // Havacılık

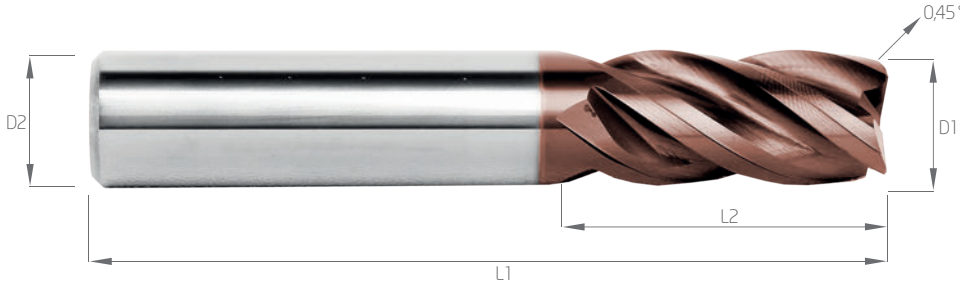
- // Isı Dayanıklı Malzemeler
- // Aşırı Sız Çelikler
- // Düşük Aşırı Sız Çelikler
- // İşleme Çelikleri
- // Döküm
- // Aşırı Sız Alüminyum
- // Sert Plastik Malzemeler
- // Otomat Malzemeler



Çok Ağızlı Parmak Freze

STOK KODU	D1 / h10	L2	D2 / h6	L1	
AP-3060606	6 MM	19 MM	6 MM	57 MM	
AP-3060708	7 MM	20 MM	8 MM	64 MM	
AP-3060808	8 MM	20 MM	8 MM	64 MM	
AP-3060910	9 MM	21 MM	10 MM	72 MM	
AP-3061010	10 MM	21 MM	10 MM	72 MM	
AP-3061112	11 MM	25 MM	12 MM	84 MM	
AP-3061212	12 MM	25 MM	12 MM	84 MM	
AP-3061414	14 MM	32 MM	14 MM	84 MM	
AP-3061616	16 MM	32 MM	16 MM	93 MM	
AP-3061818	18 MM	35 MM	18 MM	100 MM	
AP-3062020	20 MM	38 MM	20 MM	100 MM	





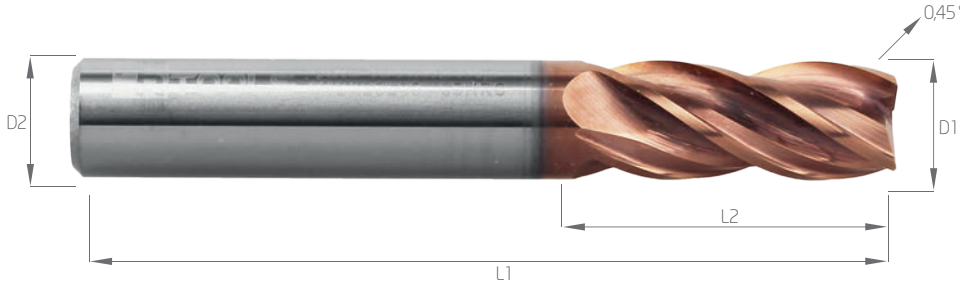
// Genel Mühendislik
// Kalıpcılık
// Otomotiv

// Isı Dayanıklı Malzemeler
// Paslanmaz Çelikler
// İşleme Çelikleri
// Alaşımli Alüminyum
// Titanyum
// Sert Plastik
// Otomat Malzemeler



UF - CF Freze

STOK KODU	D1 / h10	L2	D2 / h6	L1	
ACF-1040103 - UF	1 MM	2 MM	3 MM	50 MM	
ACF-1040104 - UF	1 MM	2 MM	4 MM	50 MM	
ACF-10401.503 - UF	1,5 MM	3 MM	3 MM	50 MM	
ACF-10401.504 - UF	1,5 MM	3 MM	4 MM	50 MM	
ACF-1040203 - UF	2 MM	4 MM	3 MM	50 MM	
ACF-1040204 - UF	2 MM	4 MM	4 MM	50 MM	
ACF-1040303 - UF	3 MM	8 MM	3 MM	50 MM	
ACF-1040304 - UF	3 MM	8 MM	4 MM	50 MM	
ACF-1040306 - UF	3 MM	8 MM	6 MM	57 MM	
ACF-1040404 - UF	4 MM	11 MM	4 MM	50 MM	
ACF-1040406 - UF	4 MM	11 MM	6 MM	57 MM	
ACF-1040505 - UF	5 MM	12 MM	5 MM	50 MM	
ACF-1040506 - UF	5 MM	12 MM	6 MM	57 MM	
ACF-1040606 - UF	6 MM	15 MM	6 MM	57 MM	
ACF-1040808 - UF	8 MM	19 MM	8 MM	63 MM	
ACF-1041010 - UF	10 MM	22 MM	10 MM	72 MM	
ACF-1041212 - UF	12 MM	25 MM	12 MM	83 MM	
ACF-1041414 - UF	14 MM	28 MM	14 MM	83 MM	
ACF-1041616 - UF	16 MM	32 MM	16 MM	92 MM	
ACF-1041818 - UF	10 MM	35 MM	18 MM	92 MM	
ACF-1042020 - UF	20 MM	38 MM	20 MM	104 MM	
ACF-1042222 - UF	22 MM	44 MM	22 MM	105 MM	
ACF-1042525 - UF	25 MM	48 MM	25 MM	110 MM	
ACF-1043232 - UF	32 MM	48 MM	32 MM	110 MM	



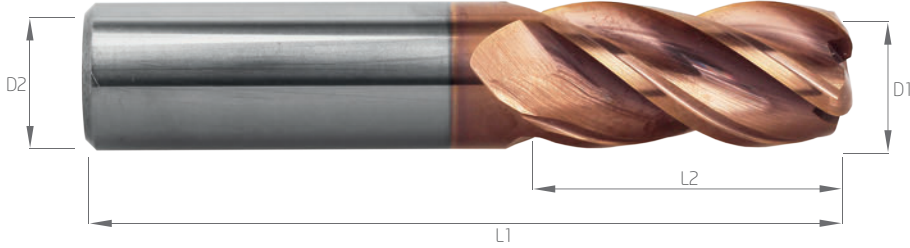
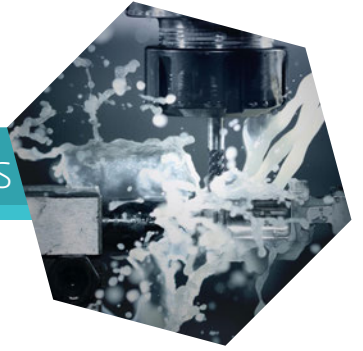
// Genel Mühendislik
// Kalıpcılık
// Otomotiv

// Isı Dayanıklı Malzemeler
// Paslanmaz Çelikler
// İşleme Çelikleri
// Alaşımli Alüminyum
// Titanyum
// Sert Plastik
// Otomat Malzemeler



SF - Serisi Chatterfree Freze - UF

STOK KODU	D1 / h10	L2	D2 / h6	L1	
AHC-1040103 - UF	1 MM	2 MM	3 MM	50 MM	
AHC-1040203 - UF	2 MM	4 MM	3 MM	50 MM	
AHC-1040204 - UF	2 MM	4 MM	4 MM	50 MM	
AHC-1040206 - UF	2 MM	4 MM	6 MM	57 MM	
AHC-1040303 - UF	3 MM	6 MM	3 MM	50 MM	
AHC-1040304 - UF	3 MM	6 MM	4 MM	50 MM	
AHC-1040306 - UF	3 MM	6 MM	6 MM	57 MM	
AHC-1040404 - UF	4 MM	8 MM	4 MM	50 MM	
AHC-1040406 - UF	4 MM	8 MM	6 MM	57 MM	
AHC-1040505 - UF	5 MM	10 MM	5 MM	50 MM	
AHC-1040506 - UF	5 MM	10 MM	6 MM	57 MM	
AHC-1040606 - UF	6 MM	12 MM	6 MM	57 MM	
AHC-1040808 - UF	8 MM	20 MM	8 MM	63 MM	
AHC-1041010 - UF	10 MM	21 MM	10 MM	72 MM	
AHC-1041212 - UF	12 MM	25 MM	12 MM	83 MM	
AHC-1041414 - UF	14 MM	28 MM	14 MM	83 MM	
AHC-1041616 - UF	16 MM	32 MM	16 MM	92 MM	
AHC-1041818 - UF	18 MM	35 MM	18 MM	100 MM	
AHC-1042020 - UF	20 MM	38 MM	20 MM	100 MM	



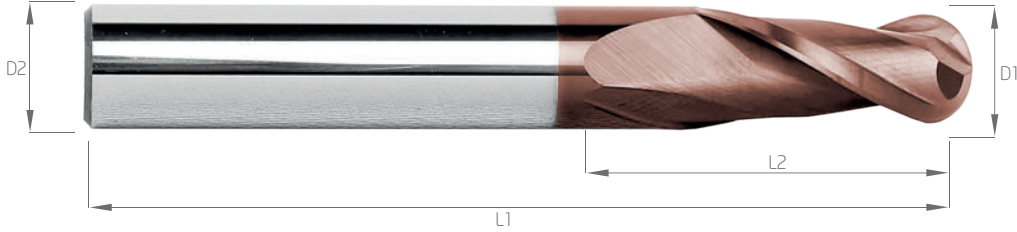
// Genel Mühendislik
// Kalıpcılık
// Otomotiv

// Isı Dayanıklı Malzemeler
// Alaşimsız Çelikler
// Düşük Alaşımli Çelikler
// İşleme Çelikleri
// Döküm
// Alaşımli Alüminyum
// Sert Plastik Malzemeler
// Otomat Malzemeler



UF - Köşe Radüs Freze

STOK KODU	D1 / h10	L2	D2 / h6	L1	
ACN-5040303 - UF	3 MM	8 MM	3 MM	50 MM	
ACN-5040304 - UF	3 MM	8 MM	4 MM	50 MM	
ACN-5040306 - UF	3 MM	8 MM	6 MM	57 MM	
ACN-5040404 - UF	4 MM	11 MM	4 MM	50 MM	
ACN-5040406 - UF	4 MM	11 MM	6 MM	57 MM	
ACN-5040505 - UF	5 MM	12 MM	5 MM	50 MM	
ACN-5040506 - UF	5 MM	12 MM	6 MM	57 MM	
ACN-5040606 - UF	6 MM	15 MM	6 MM	57 MM	
ACN-5040808 - UF	8 MM	19 MM	8 MM	63 MM	
ACN-5041010 - UF	10 MM	22 MM	10 MM	72 MM	
ACN-5041212 - UF	12 MM	25 MM	12 MM	83 MM	
ACN-5041414 - UF	14 MM	28 MM	14 MM	83 MM	
ACN-504-1616 - UF	16 MM	32 MM	16 MM	92 MM	
ACN-5041818 - UF	18 MM	35 MM	18 MM	100 MM	
ACN-5042020 - UF	20 MM	38 MM	20 MM	104 MM	
ACN-5042525 - UF	25 MM	44 MM	25 MM	110 MM	



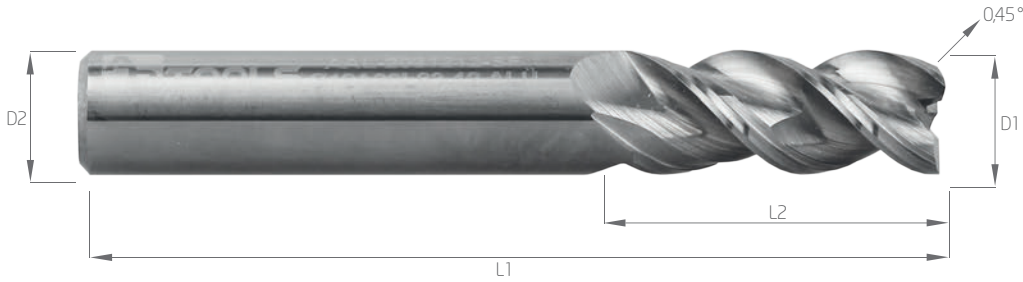
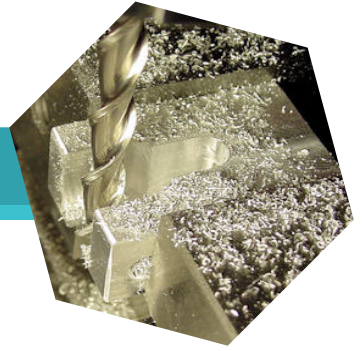
// Genel Mühendislik
// Kalıpcılık
// Otomotiv

// Isı Dayanıklı Malzemeler
// Aşırısız Çelikler
// Düşük Aşırımlı Çelikler
// İşleme Çelikleri
// Döküm
// Aşırımlı Alüminyum
// Sert Plastik Malzemeler
// Otomat Malzemeler



UF - Küre Freze

STOK KODU	D1 / h10	L2	D2 / h6	L1	
ABN-4020103 - UF	1 MM	2 MM	3 MM	50 MM	
ABN-4020104 - UF	1 MM	2 MM	4 MM	50 MM	
ABN-4021.503 - UF	1,5 MM	3 MM	3 MM	50 MM	
ABN-4021.504 - UF	1,5 MM	3 MM	4 MM	50 MM	
ABN-4020203 - UF	2 MM	4 MM	3 MM	50 MM	
ABN-4020204 - UF	2 MM	4 MM	4 MM	50 MM	
ABN-4020303 - UF	3 MM	8 MM	3 MM	50 MM	
ABN-4020304 - UF	3 MM	8 MM	4 MM	50 MM	
ABN-4020306 - UF	3 MM	8 MM	6 MM	57 MM	
ABN-4020404 - UF	4 MM	11 MM	4 MM	50 MM	
ABN-4020406 - UF	4 MM	11 MM	6 MM	57 MM	
ABN-4020505 - UF	5 MM	12 MM	5 MM	50 MM	
ABN-4020506 - UF	5 MM	12 MM	6 MM	57 MM	
ABN-4020606 - UF	6 MM	15 MM	6 MM	57 MM	
ABN-4020808 - UF	8 MM	19 MM	8 MM	63 MM	
ABN-4021010 - UF	10 MM	22 MM	10 MM	72 MM	
ABN-4021212 - UF	12 MM	25 MM	12 MM	83 MM	
ABN-4021414 - UF	14 MM	28 MM	14 MM	83 MM	
ABN-4021616 - UF	16 MM	32 MM	16 MM	92 MM	
ABN-4021818 - UF	18 MM	35 MM	18 MM	92 MM	
ABN-4022020 - UF	20 MM	38 MM	20 MM	104 MM	
ABN-4022525 - UF	25 MM	44 MM	25 MM	110 MM	



- // Genel Mühendislik
- // Kalıpcılık
- // Otomotiv
- // Havacılık

- // Alüminyum
- // Demir Dışı Materyaller
- // Plastik
- // Sert Plastikler
- // Alüminyum Alaşımlar
- // Bakır Alaşımlar

UF - Alüminyum Düz Freze

STOK KODU	D1 / h10	L2	D2 / h6	L1	
AAL-2030103 - UF	1 MM	3 MM	3 MM	50 MM	
AAL-2030203 - UF	2 MM	4 MM	3 MM	50 MM	
AAL-2030204 - UF	2 MM	4 MM	4 MM	50 MM	
AAL-2030303 - UF	3 MM	8 MM	3 MM	50 MM	
AAL-2030304 - UF	3 MM	8 MM	4 MM	50 MM	
AAL-2030306 - UF	3 MM	8 MM	6 MM	57 MM	
AAL-2030404 - UF	4 MM	11 MM	4 MM	50 MM	
AAL-2030406 - UF	4 MM	11 MM	6 MM	57 MM	
AAL-2030505 - UF	5 MM	12 MM	5 MM	50 MM	
AAL-2030506 - UF	5 MM	12 MM	6 MM	57 MM	
AAL-2030606 - UF	6 MM	15 MM	6 MM	57 MM	
AAL-2030808 - UF	8 MM	19 MM	8 MM	63 MM	
AAL-2031010 - UF	10 MM	22 MM	10 MM	72 MM	
AAL-2031212 - UF	12 MM	25 MM	12 MM	83 MM	
AAL-2031414 - UF	14 MM	28 MM	14 MM	83 MM	
AAL-2031616 - UF	16 MM	32 MM	16 MM	92 MM	
AAL-2031818 - UF	18 MM	35 MM	18 MM	100 MM	
AAL-2032020 - UF	20 MM	38 MM	20 MM	104 MM	



- // Genel Mühendislik
- // Kalıpcılık
- // Otomotiv

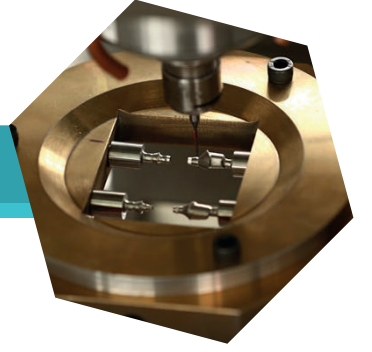
- // Isı Dayanıklı Malzemeler
- // Aşırı Sız Çelikler
- // Düşük Aşırı Sız Çelikler
- // İşleme Çelikleri
- // Döküm
- // Aşırı Sız Alüminyum
- // Sert Plastik Malzemeler
- // Otomat Malzemeler



Dalmalı Mikro Frezeler

STOK KODU	D1 / h10	L2	L3	D2 / h6	L1	
ACF-1040103-DB12	1 MM	4 MM	12 MM	3	50	
ACF-1040203-DB12	1,5 MM	4 MM	12 MM	3	50	
ACF-1040103-DB16	1 MM	4 MM	16 MM	3	50	
ACF-10401.503-DB16	1,5 MM	4 MM	16 MM	3	50	
ACF-1040204-DB12	2 MM	6 MM	12 MM	4	50	
ACF-1040204.504-DB12	2,5 MM	6 MM	12 MM	4	50	
ACF-1040204-DB16	2 MM	6 MM	16 MM	4	50	
ACF-10402.504-DB16	2,5 MM	6 MM	16 MM	4	50	
ACF-1040306-DB12	3 MM	8 MM	12 MM	6	57	
ACF-1040406-DB15	4 MM	10 MM	15 MM	6	57	
ACF-1040306-DB20	3 MM	8 MM	20 MM	6	57	
ACF-1040406-DB25	4 MM	10 MM	25 MM	6	57	





- // Genel Mühendislik
- // Kalıpcılık
- // Otomotiv
- // Havacılık

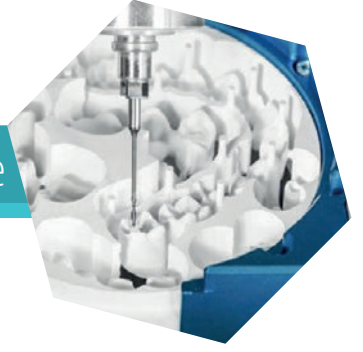
- // Alüminyum
- // Demir Dışı Materyaller
- // Plastik
- // Sert Plastikler
- // Alüminyum Alaşımlar
- // Bakır Alaşımlar



Dalmalı Mikro Alü Frezeler

STOK KODU	D1 / h10	L2	L3	D2 / h6	L1	
AAL-2030103-DB12	1 MM	4 MM	12 MM	3	50	
AAL-20301.503-DB12	1,5 MM	4 MM	12 MM	3	50	
AAL-2030103-DB16	1 MM	4 MM	16 MM	3	50	
AAL-2031.503-DB16	1,5 MM	4 MM	16 MM	3	50	
AAL-2030204-DB12	2 MM	6 MM	12 MM	4	50	
AAL-20302.504-DB12	2,5 MM	6 MM	12 MM	4	50	
AAL-2030204-DB16	2 MM	6 MM	16 MM	4	50	
AAL-20302.504-DB16	2,5 MM	6 MM	16 MM	4	50	
AAL-2030306-DB12	3 MM	8 MM	12 MM	6	57	
AAL-2030406-DB15	4 MM	10 MM	15 MM	6	57	
AAL-2030306-DB20	3 MM	8 MM	20 MM	6	57	
AAL-2030406-DB25	4 MM	10 MM	25 MM	6	57	





// Genel Mühendislik
// Kalıpcılık
// Otomotiv

// Isı Dayanıklı Malzemeler
// Aşırı Sız Çelikler
// Düşük Aşırı Sız Çelikler
// İşleme Çelikleri
// Döküm
// Aşırı Sız Alüminyum
// Sert Plastik Malzemeler
// Otomat Malzemeler

Dalmalı Mikro Küre Frezeler

STOK KODU	D1 / h10	L2	L3	D2 / h6	L1	
ABN-4020103-DB12	1 MM	4 MM	12 MM	3	50	
ABN-40201.503-DB12	1,5 MM	4 MM	12 MM	3	50	
ABN-4620103-DB16	1 MM	4 MM	16 MM	3	50	
ABN-40201.503-DB16	1,5 MM	4 MM	16 MM	3	50	
ABN-4620204-DB12	2 MM	6 MM	12 MM	4	50	
ABN-40202.504DB12	2,5 MM	6 MM	12 MM	4	50	
ABN-4020204-DB16	2 MM	6 MM	16 MM	4	50	
ABN-40202.504DB16	2,5 MM	6 MM	16 MM	4	50	
ABN-4020306-DB12	3 MM	8 MM	12 MM	6	57	
ABN-4020406-DB15	4 MM	10 MM	15 MM	6	57	
ABN-4020406-DB20	3 MM	8 MM	20 MM	6	57	
ABN-4020406-DB25	4 MM	10 MM	25 MM	6	57	



- // Genel Mühendislik
- // Kalıpcılık
- // Otomotiv
- // Havacılık

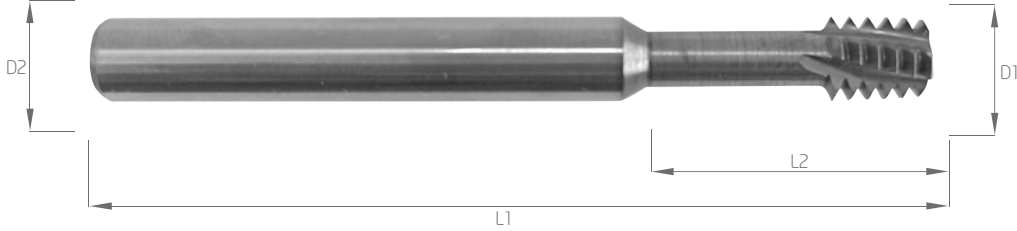
- // Alüminyum
- // Demir Dışı Materyaller
- // Plastik
- // Sert Plastikler
- // Alüminyum Alaşımlar
- // Bakır Alaşımlar



Dalmalı Mikro Alü Küre Frezeler

STOK KODU	D1 / h10	L2	L3	D2 / h6	L1	
ABN-4020103-AALDB12	1 MM	4 MM	12 MM	3	50	
ABN-40201.503-AALDB12	1,5 MM	4 MM	12 MM	3	50	
ABN-4620103-AALDB16	1 MM	4 MM	16 MM	3	50	
ABN-40201.503-AALDB16	1,5 MM	4 MM	16 MM	3	50	
ABN-4620204-AALDB12	2 MM	6 MM	12 MM	4	50	
ABN-40202.504-AALDB12	2,5 MM	6 MM	12 MM	4	50	
ABN-4020204-AALDB16	2 MM	6 MM	16 MM	4	50	
ABN-40202.504-AALDB16	2,5 MM	6 MM	16 MM	4	50	
ABN-4020306-AALDB12	3 MM	8 MM	12 MM	6	57	
ABN-4020406-AALDB15	4 MM	10 MM	15 MM	6	57	
ABN-4020406-AALDB20	3 MM	8 MM	20 MM	6	57	
ABN-4020406-AALDB25	4 MM	10 MM	25 MM	6	57	





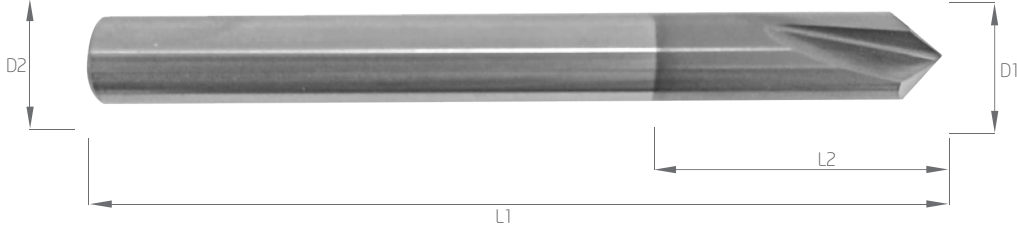
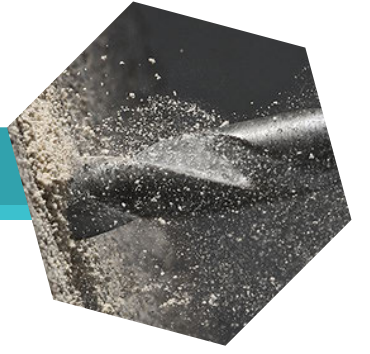
- // Medikal
- // Genel Mühendislik
- // Kalıpcılık
- // Otomotiv



Karbür Diş Freze

STOK KODU	D1	P	D2	L1	L2	
ADI-883M2	1,5 MM	0,4 MM	4 MM	5 MM	50 MM	
ADI-883M2.5	1,9 MM	0,45 MM	4 MM	5 MM	50 MM	
ADI-883M3	2,4 MM	0,5 MM	4 MM	5 MM	50 MM	
ADI-883M4	3,2 MM	0,7 MM	4 MM	6,6 MM	50 MM	
ADI-883M5	3,9 MM	0,8 MM	4 MM	7,6 MM	50 MM	
ADI-883M6	4,8 MM	1,00 MM	6 MM	9,5 MM	57 MM	
ADI-883M8	6,5 MM	1,25 MM	8 MM	13,1 MM	63 MM	
ADI-883M10	8,2 MM	1,50 MM	10 MM	15,7 MM	72 MM	
ADI-883M12	9,9 MM	1,75 MM	10 MM	20 MM	72 MM	
ADI-883M14	11,6 MM	2,00 MM	12 MM	21 MM	72 MM	
ADI-883M16	13,6 MM	2,00 MM	14 MM	25 MM	83 MM	



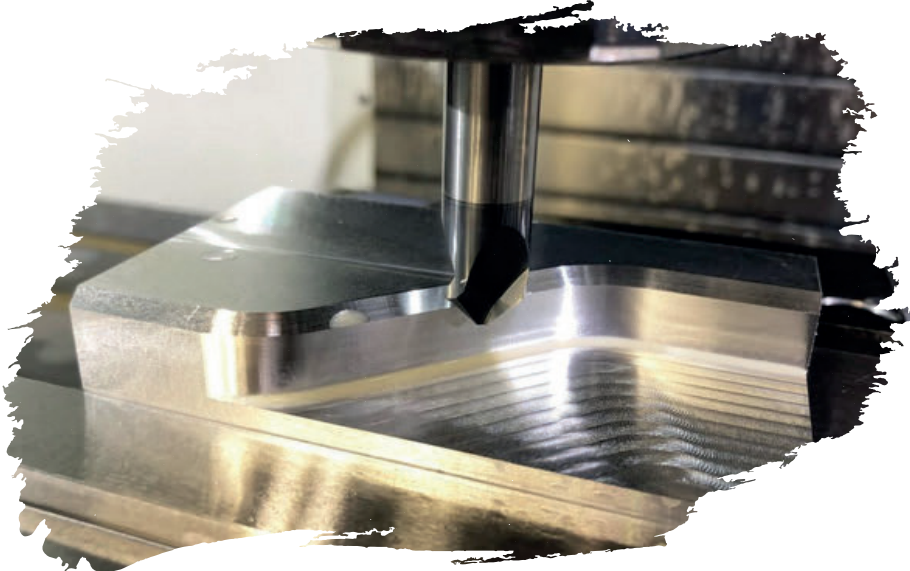


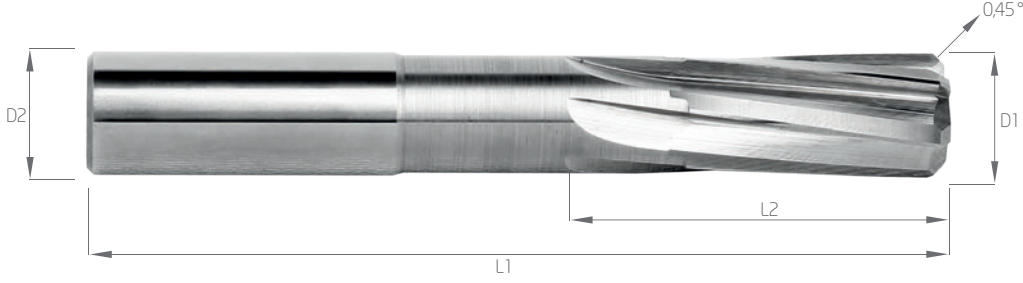
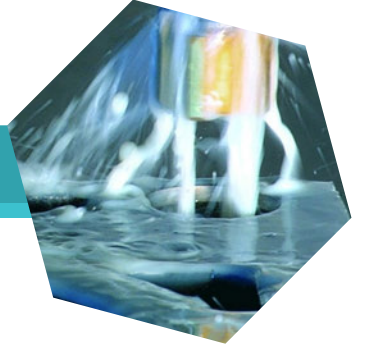
// Genel Mühendislik
// Kalıpcılık
// Otomotiv



Karbür NC Matkap

STOK KODU	D1	AÇI	D2	L1	
ANC-8780303	3 MM	60° - 90°	3 MM	50 MM	
ANC-8780404	4 MM	60° - 90°	4 MM	50 MM	
ANC-8780505	5 MM	60° - 90°	5 MM	50 MM	
ANC-8780606	6 MM	60° - 90°	6 MM	57 MM	
ANC-8780808	8 MM	60° - 90°	8 MM	63 MM	
ANC-8781010	10 MM	60° - 90°	10 MM	72 MM	
ANC-8781212	12 MM	60° - 90°	12 MM	82 MM	
ANC-8781414	14 MM	60° - 90°	14 MM	83 MM	
ANC-8781616	16 MM	60° - 90°	16 MM	92 MM	
ANC-8781818	18 MM	60° - 90°	18 MM	92 MM	
ANC-8782020	20 MM	60° - 90°	20 MM	105 MM	





- // Genel Mühendislik
- // Kalıpcılık
- // Otomotiv
- // Havacılık

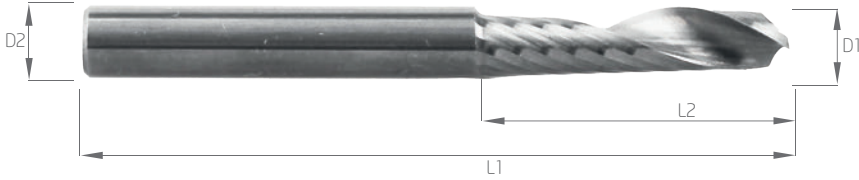
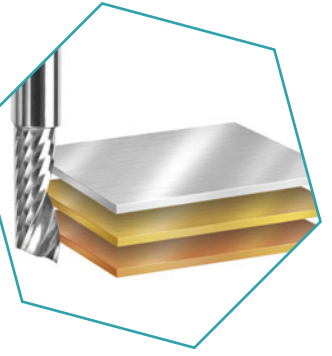
- // Isı Dayanıklı Malzemeler
- // Aşısız Çelikler
- // Düşük Aşımli Çelikler
- // İşleme Çelikleri
- // Döküm
- // Aşımli Alüminyum
- // Sert Plastik Malzemeler
- // Otomat Malzemeler



Rayba

STOK KODU	D1 / h10	L2	D2 / h6	L1	
ARE-8060303	3 MM	14 MM	3 MM	50 MM	
ARE-8060404	4 MM	18 MM	4 MM	50 MM	
ARE-8060505	5 MM	20 MM	5 MM	51 MM	
ARE-8060606	6 MM	20 MM	6 MM	57 MM	
ARE-8060708	7 MM	22 MM	8 MM	64 MM	
ARE-8060808	8 MM	25 MM	8 MM	64 MM	
ARE-8060910	9 MM	25 MM	10 MM	72 MM	
ARE-8061010	10 MM	25 MM	10 MM	72 MM	
ARE-8061112	11 MM	25 MM	12 MM	84 MM	
ARE-8061212	12 MM	25 MM	12 MM	84 MM	
ARE-8061314	13 MM	25 MM	14 MM	84 MM	
ARE-8061414	14 MM	25 MM	14 MM	84 MM	
ARE-8061516	15 MM	25 MM	16 MM	93 MM	
ARE-8061616	16 MM	25 MM	16 MM	93 MM	
ARE-8061818	18 MM	25 MM	18 MM	93 MM	
ARE-8062020	20 MM	25 MM	20 MM	100 MM	





// Ağaç Sanayi
// Genel Mühendislik
// Havacılık

// Pleksi Malzemeler
// Mdf Malzemeler
// Ağaç
// Alaşımli Alüminyum
// Sert Plastik Malzemeler

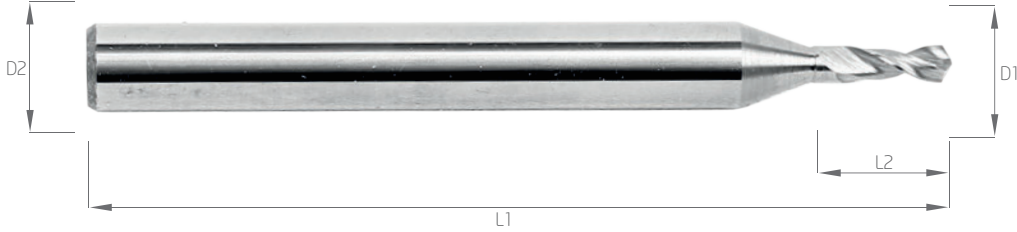
Pleksi - Mdf Freze

STOK KODU	D1 / h10	L2	D2 / h6	L1	
ARO-7010203	2 MM	8 MM	3 MM	50 MM	
ARO-7010303	3 MM	15 MM	3 MM	50 MM	
ARO-7010306	3 MM	15 MM	6 MM	57 MM	
ARO-7010404	4 MM	16 MM	4 MM	50 MM	
ARO-7010406	4 MM	16 MM	6 MM	57 MM	
ARO-7010505	5 MM	16 MM	5 MM	50 MM	
ARO-7010506	5 MM	16 MM	6 MM	57 MM	
ARO-7010606	6 MM	19 MM	6 MM	57 MM	
ARO-7010808	8 MM	21 MM	8 MM	63 MM	
ARO-7011010	10 MM	25 MM	10 MM	72 MM	
ARO-7011212	12 MM	25 MM	12 MM	83 MM	



Solid Carbide Drills





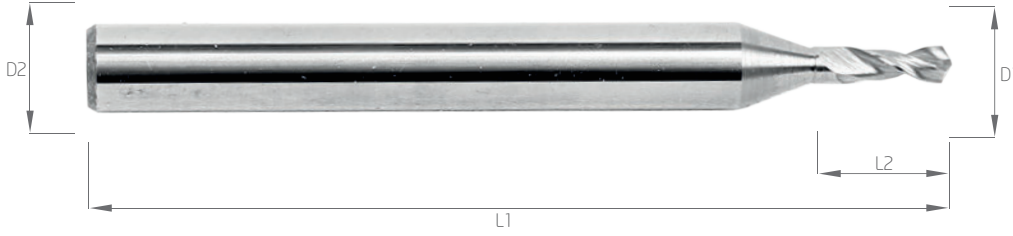
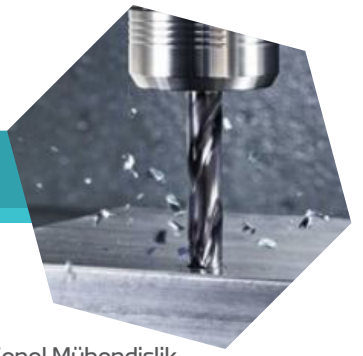
- // Genel Mühendislik
- // Kalıpcılık
- // Otomotiv

- // Isı Dayanıklı Malzemeler
- // Aşısız Çelikler
- // Düşük Aşımli Çelikler
- // İşleme Çelikleri
- // Döküm
- // Aşımli Alüminyum
- // Sert Plastik Malzemeler
- // Otomat Malzemeler



3XD - Soğutmasız

STOK KODU	D1	D2	L1	L2	L3
ADR-9020103-3XD	1,0 MM	3,0 MM	50 MM	10 MM	6 MM
ADR-90201503-3XD	1,5 MM	3,0 MM	50 MM	10 MM	6 MM
ADR-9020203-3XD	2,0 MM	3,0 MM	50 MM	12 MM	7 MM
ADR-90202503-3XD	2,5 MM	3,0 MM	50 MM	12 MM	7 MM
ADR-9020303-3XD	3,0 MM	3,0 MM	50 MM	16 MM	12 MM
ADR-9023.104-3XD	3,1 MM	4,0 MM	50 MM	16 MM	12 MM
ADR-9023.204-3XD	3,2 MM	4,0 MM	50 MM	16 MM	12 MM
ADR-9023.304-3XD	3,3 MM	4,0 MM	50 MM	16 MM	12 MM
ADR-9023.404-3XD	3,4 MM	4,0 MM	50 MM	16 MM	12 MM
ADR-9023.504-3XD	3,5 MM	4,0 MM	50 MM	16 MM	12 MM
ADR-9023.604-3XD	3,6 MM	4,0 MM	50 MM	16 MM	12 MM
ADR-9023.704-3XD	3,7 MM	4,0 MM	50 MM	16 MM	12 MM
ADR-9023.804-3XD	3,8 MM	4,0 MM	50 MM	16 MM	12 MM
ADR-9023.904-3XD	3,9 MM	4,0 MM	50 MM	16 MM	12 MM
ADR-9020404-3XD	4,0 MM	4,0 MM	50 MM	24 MM	20 MM
ADR-9024.105-3XD	4,1 MM	5,0 MM	62 MM	24 MM	20 MM
ADR-9024.205-3XD	4,2 MM	5,0 MM	62 MM	24 MM	20 MM
ADR-9024.305-3XD	4,3 MM	5,0 MM	62 MM	24 MM	20 MM
ADR-9024.405-3XD	4,4 MM	5,0 MM	62 MM	24 MM	20 MM
ADR-9024.505-3XD	4,5 MM	5,0 MM	62 MM	24 MM	20 MM
ADR-9024.605-3XD	4,6 MM	5,0 MM	62 MM	24 MM	20 MM
ADR-9024.705-3XD	4,7 MM	5,0 MM	62 MM	24 MM	20 MM
ADR-9024.805-3XD	4,8 MM	5,0 MM	62 MM	24 MM	20 MM
ADR-9024.905-3XD	4,9 MM	5,0 MM	62 MM	24 MM	20 MM
ADR-9020505-3XD	5,0 MM	5,0 MM	66 MM	30 MM	26 MM

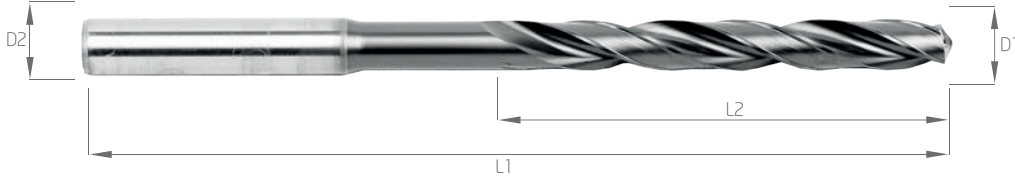


// Genel Mühendislik
// Kalıpcılık
// Otomotiv



3XD - Soğutmasız

STOK KODU	D1	D2	L1	L2	L3
ADR-9020306-3XD	3,0 MM	6,0 MM	62 MM	20 MM	14 MM
ADR-9023.106-3XD	3,1 MM	6,0 MM	62 MM	20 MM	14 MM
ADR-9023.206-3XD	3,2 MM	6,0 MM	62 MM	20 MM	14 MM
ADR-9023.306-3XD	3,3 MM	6,0 MM	62 MM	20 MM	14 MM
ADR-9023.406-3XD	3,4 MM	6,0 MM	62 MM	20 MM	14 MM
ADR-9023.506-3XD	3,5 MM	6,0 MM	62 MM	20 MM	14 MM
ADR-9023.606-3XD	3,6 MM	6,0 MM	62 MM	20 MM	14 MM
ADR-9023.706-3XD	3,7 MM	6,0 MM	62 MM	20 MM	14 MM
ADR-9023.806-3XD	3,8 MM	6,0 MM	66 MM	24 MM	17 MM
ADR-9023.906-3XD	3,9 MM	6,0 MM	66 MM	24 MM	17 MM
ADR-9020406-3XD	4,0 MM	6,0 MM	66 MM	24 MM	17 MM
ADR-9024.106-3XD	4,1 MM	6,0 MM	66 MM	24 MM	17 MM
ADR-9024.206-3XD	4,2 MM	6,0 MM	66 MM	24 MM	17 MM
ADR-9024.306-3XD	4,3 MM	6,0 MM	66 MM	24 MM	17 MM
ADR-9024.406-3XD	4,4 MM	6,0 MM	66 MM	24 MM	17 MM
ADR-9024.506-3XD	4,5 MM	6,0 MM	66 MM	24 MM	17 MM
ADR-9024.606-3XD	4,6 MM	6,0 MM	66 MM	24 MM	17 MM
ADR-9024.706-3XD	4,7 MM	6,0 MM	66 MM	24 MM	17 MM
ADR-9024.806-3XD	4,8 MM	6,0 MM	66 MM	28 MM	20 MM
ADR-9024.906-3XD	4,9 MM	6,0 MM	66 MM	28 MM	20 MM
ADR-9020506-3XD	5,0 MM	6,0 MM	66 MM	28 MM	20 MM
ADR-9025.106-3XD	5,1 MM	6,0 MM	66 MM	28 MM	20 MM
ADR-9025.206-3XD	5,2 MM	6,0 MM	66 MM	28 MM	20 MM
ADR-9025.306-3XD	5,3 MM	6,0 MM	66 MM	28 MM	20 MM
ADR-9025.406-3XD	5,4 MM	6,0 MM	66 MM	28 MM	20 MM
ADR-9025.506-3XD	5,5 MM	6,0 MM	66 MM	28 MM	20 MM
ADR-9025.606-3XD	5,6 MM	6,0 MM	66 MM	28 MM	20 MM
ADR-9025.706-3XD	5,7 MM	6,0 MM	66 MM	28 MM	20 MM
ADR-9025.806-3XD	5,8 MM	6,0 MM	66 MM	28 MM	20 MM
ADR-9025.906-3XD	5,9 MM	6,0 MM	66 MM	28 MM	20 MM
ADR-9020606-3XD	6,0 MM	6,0 MM	66 MM	28 MM	20 MM

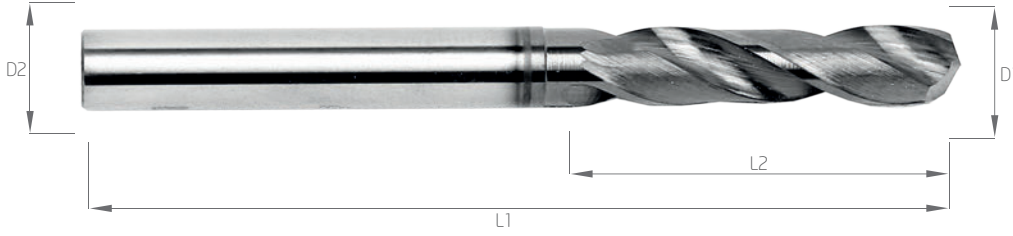


// Genel Mühendislik
// Kalıpcılık
// Otomotiv



3XD - Soğutmasız

STOK KODU	D1	D2	L1	L2	L3
ADR-9026.108-3XD	6,1 MM	8,0 MM	79 MM	34 MM	24 MM
ADR-9026.208-3XD	6,2 MM	8,0 MM	79 MM	34 MM	24 MM
ADR-9026.308-3XD	6,3 MM	8,0 MM	79 MM	34 MM	24 MM
ADR-9026.408-3XD	6,4 MM	8,0 MM	79 MM	34 MM	24 MM
ADR-9026.508-3XD	6,5 MM	8,0 MM	79 MM	34 MM	24 MM
ADR-9026.608-3XD	6,6 MM	8,0 MM	79 MM	34 MM	24 MM
ADR-9026.708-3XD	6,7 MM	8,0 MM	79 MM	34 MM	24 MM
ADR-9026.808-3XD	6,8 MM	8,0 MM	79 MM	34 MM	24 MM
ADR-9026.908-3XD	6,9 MM	8,0 MM	79 MM	34 MM	24 MM
ADR-9020708-3XD	7,0 MM	8,0 MM	79 MM	34 MM	24 MM
ADR-9027.108-3XD	7,1 MM	8,0 MM	79 MM	41 MM	29 MM
ADR-9027.208-3XD	7,2 MM	8,0 MM	79 MM	41 MM	29 MM
ADR-9027.308-3XD	7,3 MM	8,0 MM	79 MM	41 MM	29 MM
ADR-9027.408-3XD	7,4 MM	8,0 MM	79 MM	41 MM	29 MM
ADR-9027.508-3XD	7,5 MM	8,0 MM	79 MM	41 MM	29 MM
ADR-9027.608-3XD	7,6 MM	8,0 MM	79 MM	41 MM	29 MM
ADR-9027.708-3XD	7,7 MM	8,0 MM	79 MM	41 MM	29 MM
ADR-9027.808-3XD	7,8 MM	8,0 MM	79 MM	41 MM	29 MM
ADR-9027.908-3XD	7,9 MM	8,0 MM	79 MM	41 MM	29 MM
ADR-9020808-3XD	8,0 MM	8,0 MM	79 MM	41 MM	29 MM
ADR-9028.110-3XD	8,1 MM	10,0 MM	89 MM	47 MM	35 MM
ADR-9028.210-3XD	8,2 MM	10,0 MM	89 MM	47 MM	35 MM
ADR-9028.310-3XD	8,3 MM	10,0 MM	89 MM	47 MM	35 MM
ADR-9028.410-3XD	8,4 MM	10,0 MM	89 MM	47 MM	35 MM
ADR-9028.510-3XD	8,5 MM	10,0 MM	89 MM	47 MM	35 MM
ADR-9028.610-3XD	8,6 MM	10,0 MM	89 MM	47 MM	35 MM
ADR-9028.710-3XD	8,7 MM	10,0 MM	89 MM	47 MM	35 MM
ADR-9028.810-3XD	8,8 MM	10,0 MM	89 MM	47 MM	35 MM
ADR-9028.910-3XD	8,9 MM	10,0 MM	89 MM	47 MM	35 MM

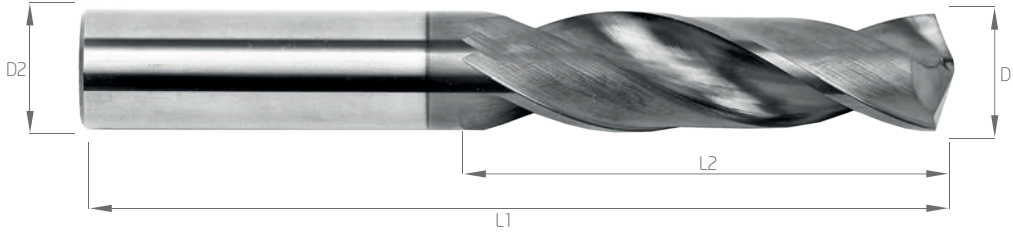
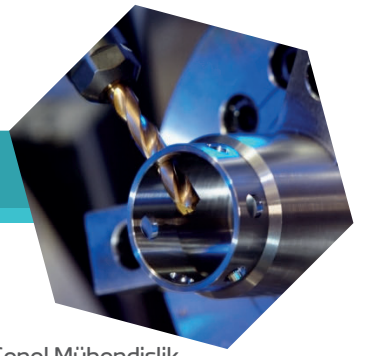


// Genel Mühendislik
// Kalıpcılık
// Otomotiv



3XD - Soğutmasız

STOK KODU	D1	D2	L1	L2	L3	
ADR-9020910-3XD	9,0 MM	10,0 MM	89 MM	47 MM	35 MM	
ADR-9029.110-3XD	9,1 MM	10,0 MM	89 MM	47 MM	35 MM	
ADR-9029.210-3XD	9,2 MM	10,0 MM	89 MM	47 MM	35 MM	
ADR-9029.310-3XD	9,3 MM	10,0 MM	89 MM	47 MM	35 MM	
ADR-9029.410-3XD	9,4 MM	10,0 MM	89 MM	47 MM	35 MM	
ADR-9029.510-3XD	9,5 MM	10,0 MM	89 MM	47 MM	35 MM	
ADR-9029.610-3XD	9,6 MM	10,0 MM	89 MM	47 MM	35 MM	
ADR-9029.710-3XD	9,7 MM	10,0 MM	89 MM	47 MM	35 MM	
ADR-9029.810-3XD	9,8 MM	10,0 MM	89 MM	47 MM	35 MM	
ADR-9029.810-3XD	9,9 MM	10,0 MM	89 MM	47 MM	35 MM	
ADR-9021010-3XD	10,0 MM	10,0 MM	89 MM	47 MM	35 MM	
ADR-90210.212-3XD	10,2 MM	12,0 MM	102 MM	55 MM	40 MM	
ADR-90210.512-3XD	10,5 MM	12,0 MM	102 MM	55 MM	40 MM	
ADR-90210.812-3XD	10,8 MM	12,0 MM	102 MM	55 MM	40 MM	
ADR-9021112-3XD	11,0 MM	12,0 MM	102 MM	55 MM	40 MM	
ADR-90211.512-3XD	11,5 MM	12,0 MM	102 MM	55 MM	40 MM	
ADR-90211.812-3XD	11,8 MM	12,0 MM	102 MM	55 MM	40 MM	
ADR-9021212-3XD	12,0 MM	12,0 MM	102 MM	55 MM	40 MM	
ADR-90212.514-3XD	12,5 MM	14,0 MM	107 MM	60 MM	43 MM	
ADR-90212.814-3XD	12,8 MM	14,0 MM	107 MM	60 MM	43 MM	
ADR-9021314-3XD	13,0 MM	14,0 MM	107 MM	60 MM	43 MM	
ADR-90213.514-3XD	13,5 MM	14,0 MM	107 MM	60 MM	43 MM	
ADR-90213.814-3XD	13,8 MM	14,0 MM	107 MM	60 MM	43 MM	
ADR-9021414-3XD	14,0 MM	14,0 MM	107 MM	60 MM	43 MM	
ADR-90214.516-3XD	14,5 MM	16,0 MM	115 MM	65 MM	45 MM	
ADR-90214.816-3XD	14,8 MM	16,0 MM	115 MM	65 MM	45 MM	
ADR-9021516-3XD	15,0 MM	16,0 MM	115 MM	65 MM	45 MM	
ADR-90215.516-3XD	15,5 MM	16,0 MM	115 MM	65 MM	45 MM	
ADR-90215.816-3XD	15,8 MM	16,0 MM	115 MM	65 MM	45 MM	

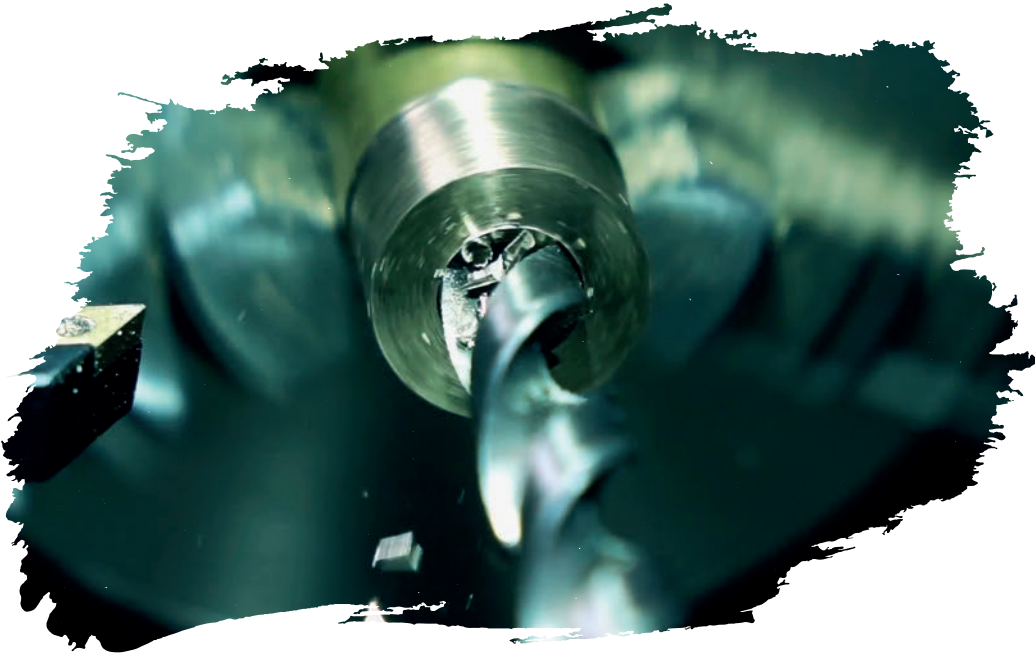


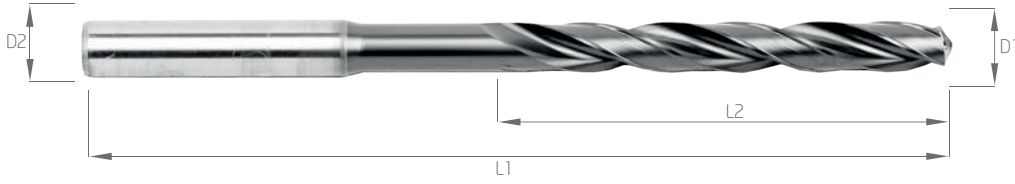
// Genel Mühendislik
// Kalıpcılık
// Otomotiv



3XD - Soğutmasız

STOK KODU	D1	D2	L1	L2	L3
ADR-9021616-3XD	16,0 MM	16,0 MM	115 MM	65 MM	45 MM
ADR-90216.518-3XD	16,5 MM	18,0 MM	123 MM	73 MM	51 MM
ADR-90216.818-3XD	16,8 MM	18,0 MM	123 MM	73 MM	51 MM
ADR-9021718-3XD	17,0 MM	18,0 MM	123 MM	73 MM	51 MM
ADR-90217.518-3XD	17,5 MM	18,0 MM	123 MM	73 MM	51 MM
ADR-90217.818-3XD	17,8 MM	18,0 MM	123 MM	73 MM	51 MM
ADR-9021818-3XD	18,0 MM	18,0 MM	123 MM	73 MM	51 MM
ADR-90218.520-3XD	18,5 MM	20,0 MM	131 MM	79 MM	55 MM
ADR-90218.820-3XD	18,8 MM	20,0 MM	131 MM	79 MM	55 MM
ADR-9021920-3XD	19,0 MM	20,0 MM	131 MM	79 MM	55 MM
ADR-90219.520-3XD	19,5 MM	20,0 MM	131 MM	79 MM	55 MM
ADR-90219.820-3XD	19,8 MM	20,0 MM	131 MM	79 MM	55 MM
ADR-9022020-3XD	20,0 MM	20,0 MM	131 MM	79 MM	55 MM



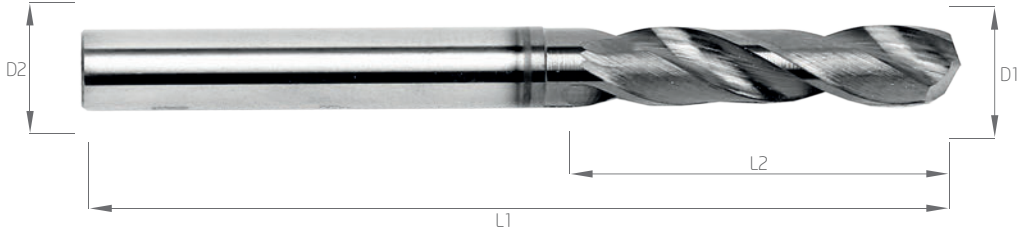


// Genel Mühendislik
// Kalıpcılık
// Otomotiv



5XD - Soğutmasız

STOK KODU	D1	D2	L1	L2	L3
ADR-9020306-5XD	3,0 MM	6,0 MM	66 MM	28 MM	23 MM
ADR-9023.106-5XD	3,1 MM	6,0 MM	66 MM	28 MM	23 MM
ADR-9023.206-5XD	3,2 MM	6,0 MM	66 MM	28 MM	23 MM
ADR-9023.306-5XD	3,3 MM	6,0 MM	66 MM	28 MM	23 MM
ADR-9023.406-5XD	3,4 MM	6,0 MM	66 MM	28 MM	23 MM
ADR-9023.506-5XD	3,5 MM	6,0 MM	66 MM	28 MM	23 MM
ADR-9023.606-5XD	3,6 MM	6,0 MM	66 MM	28 MM	23 MM
ADR-9023.706-5XD	3,7 MM	6,0 MM	66 MM	28 MM	23 MM
ADR-9023.806-5XD	3,8 MM	6,0 MM	74 MM	36 MM	29 MM
ADR-9023.906-5XD	3,9 MM	6,0 MM	74 MM	36 MM	29 MM
ADR-9020406-5XD	4,0 MM	6,0 MM	74 MM	36 MM	29 MM
ADR-9024.106-5XD	4,1 MM	6,0 MM	74 MM	36 MM	29 MM
ADR-9024.206-5XD	4,2 MM	6,0 MM	74 MM	36 MM	29 MM
ADR-9024.306-5XD	4,3 MM	6,0 MM	74 MM	36 MM	29 MM
ADR-9024.406-5XD	4,4 MM	6,0 MM	74 MM	36 MM	29 MM
ADR-9024.506-5XD	4,5 MM	6,0 MM	74 MM	36 MM	29 MM
ADR-9024.606-5XD	4,6 MM	6,0 MM	74 MM	36 MM	29 MM
ADR-9024.706-5XD	4,7 MM	6,0 MM	74 MM	36 MM	29 MM
ADR-9024.806-5XD	4,8 MM	6,0 MM	82 MM	44 MM	35 MM
ADR-9024.906-5XD	4,9 MM	6,0 MM	82 MM	44 MM	35 MM
ADR-9020506-5XD	5,0 MM	6,0 MM	82 MM	44 MM	35 MM
ADR-9025.106-5XD	5,1 MM	6,0 MM	82 MM	44 MM	35 MM
ADR-9025.206-5XD	5,2 MM	6,0 MM	82 MM	44 MM	35 MM
ADR-9025.306-5XD	5,3 MM	6,0 MM	82 MM	44 MM	35 MM
ADR-9025.406-5XD	5,4 MM	6,0 MM	82 MM	44 MM	35 MM
ADR-9025.506-5XD	5,5 MM	6,0 MM	82 MM	44 MM	35 MM
ADR-9025.606-5XD	5,6 MM	6,0 MM	82 MM	44 MM	35 MM
ADR-9025.706-5XD	5,7 MM	6,0 MM	82 MM	44 MM	35 MM
ADR-9025.806-5XD	5,8 MM	6,0 MM	82 MM	44 MM	35 MM
ADR-9025.906-5XD	5,9 MM	6,0 MM	82 MM	44 MM	35 MM
ADR-9020606-5XD	6,0 MM	6,0 MM	82 MM	44 MM	35 MM

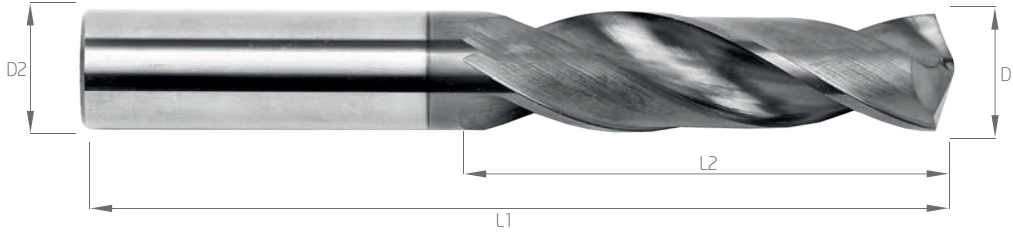


// Genel Mühendislik
// Kalıpcılık
// Otomotiv



5XD - Soğutmasız

STOK KODU	D1	D2	L1	L2	L3	
ADR-9026.108-5XD	6,1 MM	8,0 MM	91 MM	53 MM	43 MM	
ADR-9026.208-5XD	6,2 MM	8,0 MM	91 MM	53 MM	43 MM	
ADR-9026.308-5XD	6,3 MM	8,0 MM	91 MM	53 MM	43 MM	
ADR-9026.408-5XD	6,4 MM	8,0 MM	91 MM	53 MM	43 MM	
ADR-9026.508-5XD	6,5 MM	8,0 MM	91 MM	53 MM	43 MM	
ADR-9026.608-5XD	6,6 MM	8,0 MM	91 MM	53 MM	43 MM	
ADR-9026.708-5XD	6,7 MM	8,0 MM	91 MM	53 MM	43 MM	
ADR-9026.808-5XD	6,8 MM	8,0 MM	91 MM	53 MM	43 MM	
ADR-9026.908-5XD	6,9 MM	8,0 MM	91 MM	53 MM	43 MM	
ADR-9020708-5XD	7,0 MM	8,0 MM	91 MM	53 MM	43 MM	
ADR-9027.108-5XD	7,1 MM	8,0 MM	91 MM	53 MM	43 MM	
ADR-9027.208-5XD	7,2 MM	8,0 MM	91 MM	53 MM	43 MM	
ADR-9027.308-5XD	7,3 MM	8,0 MM	91 MM	53 MM	43 MM	
ADR-9027.408-5XD	7,4 MM	8,0 MM	91 MM	53 MM	43 MM	
ADR-9027.508-5XD	7,5 MM	8,0 MM	91 MM	53 MM	43 MM	
ADR-9027.608-5XD	7,6 MM	8,0 MM	91 MM	53 MM	43 MM	
ADR-9027.708-5XD	7,7 MM	8,0 MM	91 MM	53 MM	43 MM	
ADR-9027.808-5XD	7,8 MM	8,0 MM	91 MM	53 MM	43 MM	
ADR-9027.908-5XD	7,9 MM	8,0 MM	91 MM	53 MM	43 MM	
ADR-9020808-5XD	8,0 MM	8,0 MM	91 MM	53 MM	43 MM	
ADR-9028.110-5XD	8,1 MM	10,0 MM	103 MM	61 MM	49 MM	
ADR-9028.210-5XD	8,2 MM	10,0 MM	103 MM	61 MM	49 MM	
ADR-9028.310-5XD	8,3 MM	10,0 MM	103 MM	61 MM	49 MM	
ADR-9028.410-5XD	8,4 MM	10,0 MM	103 MM	61 MM	49 MM	
ADR-9028.510-5XD	8,5 MM	10,0 MM	103 MM	61 MM	49 MM	
ADR-9028.610-5XD	8,6 MM	10,0 MM	103 MM	61 MM	49 MM	
ADR-9028.710-5XD	8,7 MM	10,0 MM	103 MM	61 MM	49 MM	
ADR-9028.810-5XD	8,8 MM	10,0 MM	103 MM	61 MM	49 MM	
ADR-9028.910-5XD	8,9 MM	10,0 MM	103 MM	61 MM	49 MM	
ADR-9020910-5XD	9,0 MM	10,0 MM	103 MM	61 MM	49 MM	

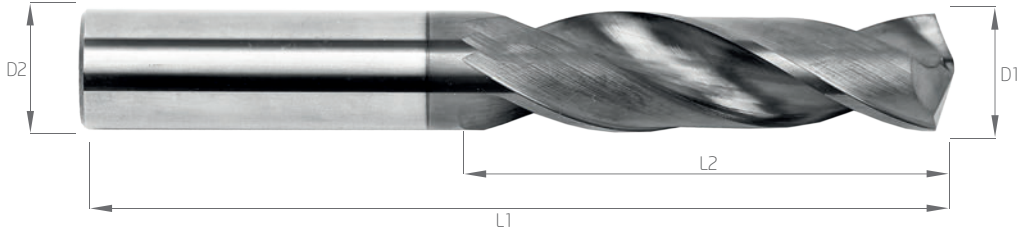
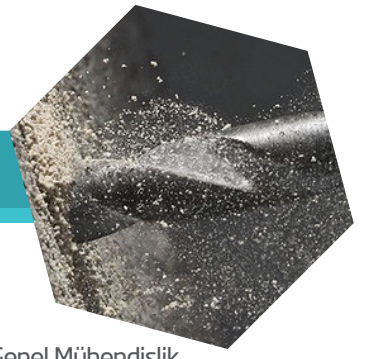


// Genel Mühendislik
// Kalıpcılık
// Otomotiv



5XD - Soğutmasız

STOK KODU	D1	D2	L1	L2	L3	
ADR-9029.110-5XD	9,1 MM	10,0 MM	103 MM	61 MM	49 MM	
ADR-9029.210-5XD	9,2 MM	10,0 MM	103 MM	61 MM	49 MM	
ADR-9029.310-5XD	9,3 MM	10,0 MM	103 MM	61 MM	49 MM	
ADR-9029.410-5XD	9,4 MM	10,0 MM	103 MM	61 MM	49 MM	
ADR-9029.510-5XD	9,5 MM	10,0 MM	103 MM	61 MM	49 MM	
ADR-9029.610-5XD	9,6 MM	10,0 MM	103 MM	61 MM	49 MM	
ADR-9029.710-5XD	9,7 MM	10,0 MM	103 MM	61 MM	49 MM	
ADR-9029.810-5XD	9,8 MM	10,0 MM	103 MM	61 MM	49 MM	
ADR-9029.810-5XD	9,9 MM	10,0 MM	103 MM	61 MM	49 MM	
ADR-9021010-5XD	10,0 MM	10,0 MM	103 MM	61 MM	49 MM	
ADR-90210.212-5XD	10,2 MM	12,0 MM	118 MM	71 MM	56 MM	
ADR-90210.512-5XD	10,5 MM	12,0 MM	118 MM	71 MM	56 MM	
ADR-90210.812-5XD	10,8 MM	12,0 MM	118 MM	71 MM	56 MM	
ADR-9021112-5XD	11,0 MM	12,0 MM	118 MM	71 MM	56 MM	
ADR-90211.512-5XD	11,5 MM	12,0 MM	118 MM	71 MM	56 MM	
ADR-90211.812-5XD	11,8 MM	12,0 MM	118 MM	71 MM	56 MM	
ADR-9021212-5XD	12,0 MM	12,0 MM	118 MM	71 MM	56 MM	
ADR-90212.514-5XD	12,5 MM	14,0 MM	124 MM	77 MM	60 MM	
ADR-90212.814-5XD	12,8 MM	14,0 MM	124 MM	77 MM	60 MM	
ADR-9021314-5XD	13,0 MM	14,0 MM	124 MM	77 MM	60 MM	
ADR-90213.514-5XD	13,5 MM	14,0 MM	124 MM	77 MM	60 MM	
ADR-90213.814-5XD	13,8 MM	14,0 MM	124 MM	77 MM	60 MM	
ADR-9021414-5XD	14,0 MM	14,0 MM	124 MM	77 MM	60 MM	
ADR-90214.516-5XD	14,5 MM	16,0 MM	133 MM	83 MM	63 MM	
ADR-90214.816-5XD	14,8 MM	16,0 MM	133 MM	83 MM	63 MM	
ADR-9021516-5XD	15,0 MM	16,0 MM	133 MM	83 MM	63 MM	
ADR-90215.516-5XD	15,5 MM	16,0 MM	133 MM	83 MM	63 MM	
ADR-90215.816-5XD	15,8 MM	16,0 MM	133 MM	83 MM	63 MM	
ADR-9021616-5XD	16,0 MM	16,0 MM	133 MM	83 MM	63 MM	



// Genel Mühendislik
// Kalıpcılık
// Otomotiv



5XD - Soğutmasız

STOK KODU	D1	D2	L1	L2	L3	
ADR-90216.518-5XD	16,5 MM	18,0 MM	143 MM	93 MM	71 MM	
ADR-90216.818-5XD	16,8 MM	18,0 MM	143 MM	93 MM	71 MM	
ADR-90217.18-5XD	17,0 MM	18,0 MM	143 MM	93 MM	71 MM	
ADR-90217.518-5XD	17,5 MM	18,0 MM	143 MM	93 MM	71 MM	
ADR-90217.818-5XD	17,8 MM	18,0 MM	143 MM	93 MM	71 MM	
ADR-90218.18-5XD	18,0 MM	18,0 MM	143 MM	93 MM	71 MM	
ADR-90218.520-5XD	18,5 MM	20,0 MM	153 MM	101 MM	77 MM	
ADR-90218.820-5XD	18,8 MM	20,0 MM	153 MM	101 MM	77 MM	
ADR-90219.20-5XD	19,0 MM	20,0 MM	153 MM	101 MM	77 MM	
ADR-90219.520-5XD	19,5 MM	20,0 MM	153 MM	101 MM	77 MM	
ADR-90219.820-5XD	19,8 MM	20,0 MM	153 MM	101 MM	77 MM	
ADR-90220.20-5XD	20,0 MM	20,0 MM	153 MM	101 MM	77 MM	

