



CNC FREZELER

03-26



RULMANLI FREZELER

27-36



PROFİL FREZELER

37-38



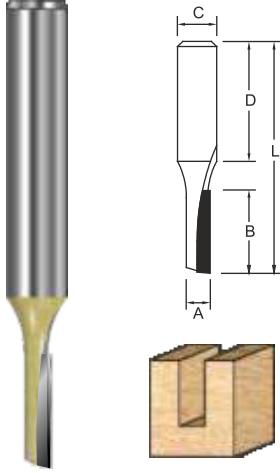
TESTERELER

39



İŞKENCE

40

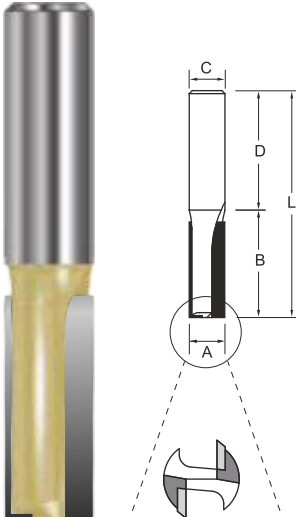
101
SERT METAL UÇLU PARMAK FREZE
HW/Z1/RH


Kesme hızının temiz kesimden daha önemli olduğu kesimlerde kullanılır. 2 ve 3 ağız bıçaklara göre daha hızlı kesme hızı sunar.

Kod No.	A mm	B mm	C mm	D mm	L mm
101821	4	10	8	32	48

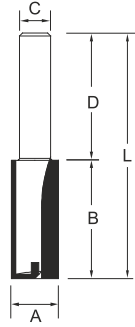
103
SERT METAL UÇLU PARMAK FREZE
HW/Z2/RH


2 ağızlı yapılarıyla ortalama hızlarda temiz bir kesim sunarlar. İş dünyasında yaygın olarak ebatlama işlerinde kullanılırlar.



Kod No.	A mm	B mm	C mm	D mm	L mm
103809	5	16	8	32	53
103811	6	19	8	32	55
103821	8	20	8	32	55
103226	8	32	12	40	79
103231	10	20	12	40	65.5
103236	10	32	12	40	77.5
103251	12	20	12	40	64
103257	12	38	12	40	82
103275	16	50	12	40	90


CNC FREZELER
RULMANLI FREZELER
PROFİL FREZELER
TESTERE
İŞKENCE

105 SERT METAL UÇLU PARMAK FREZE Z2+1
HW/Z2+1/RH


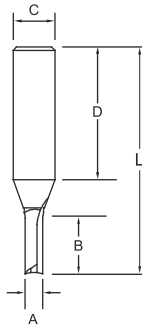
Bu bıçakların özel olarak tasarlanmış karbür merkez ucu, dalma kesme hızını artırır. Aynı zamanda, uçlarındaki karbür dalma kesme gerginliğini azaltarak kesme kenarının ömrünü uzatır. Zıvana açma ve diğer daldırma işlemleri için idealdir.

Kod No.	A mm	B mm	C mm	D mm	L mm
105806	8	20	8	32	55
105209	8	32	12	40	79
105213	10	20	12	40	66
105216	10	32	12	40	78
105231	12	20	12	40	64
105236	12	32	12	40	76


107 KARBÜR UÇLU (HW) PARMAK FREZE
HW/Z2/RH

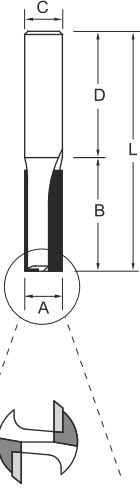

Karbür, bir yada daha fazla sert malzeme fazları (örneğin, tungsten karbür) ve bir bağlayıcı malzeme (örneğin, kobalt) birleşimlerinden oluşan toz metalurjisi kompozitidir. Yüksek ısı stabilitesi ve aşınma dayanımına sahip son derece sert bir malzemedir. Özellikle aşınma direncinin arandığı bileşenlerde ve takımlarda kullanılır. Karbür, bileşenler ve takımların kalitesini geliştirir, onlara daha uzun bir hizmet ömrü verir.

Karbür bıçaklar yoğun veya doğal ahşaplarda yüksek hacimli, yüksek hızlı kesim ve aşındırıcı ahşap kompozitleri gibi stres yükü koşullarında kullanıldığında en yüksek dayanıklılığı sağlarlar. Katı karbür, ısıyı daha düzenli bir şekilde dağıtır ve bıçak ömrünü uzatır. Standart bir kesiciden daha iyi dalma kesme özellikleri sunarlar ve daha çok bilenebilirler.



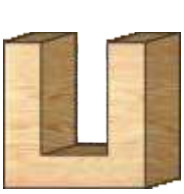
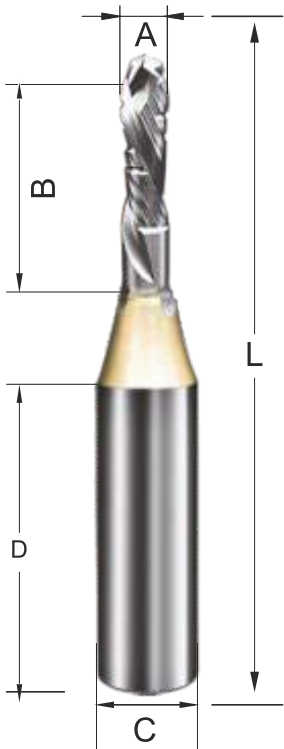
Kod No.	A mm	B mm	C mm	D mm	L mm
107403	4	20	8	32	65
107813	3	8	8	32	47
107823	6	26	8	32	72
107977	8	32	12	38	90



110
SERT METAL UÇLU PARMAK FREZE
HW/Z2/RH


2 ağızlı yapılarıyla ortalama hızlarda temiz bir kesim sunarlar. İş dünyasında yaygın olarak ebatlama işlerinde kullanılırlar.

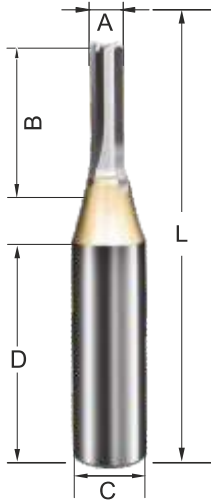
Kod No.	A mm	B mm	C mm	D mm	L mm
110226	8.75	25	12	40	65
110227	9	25	12	40	65


CNC FREZELER
RULMANLI FREZELER
PROFİL FREZELER
TESTERE
İŞKENCE
BX-4
KARBÜR UÇLU POZİTİF-NEGATİF PARMAK FREZE
HW/Z2+2/RH


Hızlı besleme oranları ve çift taraflı lamine malzemede optimum kenar kalitesi için tasarlanmıştır. Ayrıca, kesimin üst ve alt kısımlarında talaş oluşmasını veya püskürmesini önleyebilir.

Kod No.	A mm	B mm	C mm	D mm	L mm
MBX4006208	6	20	12	38	70
MBX4008268	8	26	12	38	80

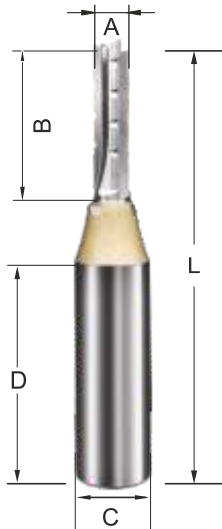


BX-2 KARBÜR UÇLU (HW) PARMAK FREZE
HW/Z3/RH


3 ağızlı karbür yapısı ile hem daha temiz hem daha hızlı kesim olanağı sunarlar. Dayanıklı yapılarından ötürü daha çok bilenebilirler.



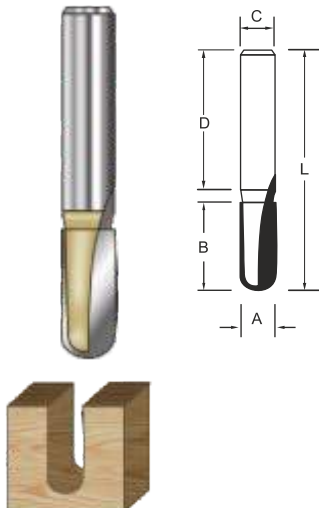
Kod No.	A mm	B mm	C mm	D mm	L mm
MBX2006208	6	20	12	38	70
MBX2008268	8	26	12	38	80
MBX2010328	10	32	12	38	80
MBX2012328	12	32	12	38	80

BX-3 KARBÜR UÇLU (HW) KANALLI PARMAK FREZE
HW/Z3/RH


3 ağızlı ve kanallı yapılarıyla daha sert malzemelerde daha iyi talaş boşaltma imkanları sunarlar.



Kod No.	A mm	B mm	C mm	D mm	L mm
MBX3006208	6	20	12	38	70
MBX3008268	8	26	12	38	80
MBX3010328	10	32	12	38	80
MBX3012328	12	32	12	38	80

160-4 KÜRE UÇLU FREZE
HW/Z2/RH


Yuvarlak tabanlı, dekoratif ve fonksiyonel yuvalar ve oluklar için iki kanallı küre uçlu kesicisi

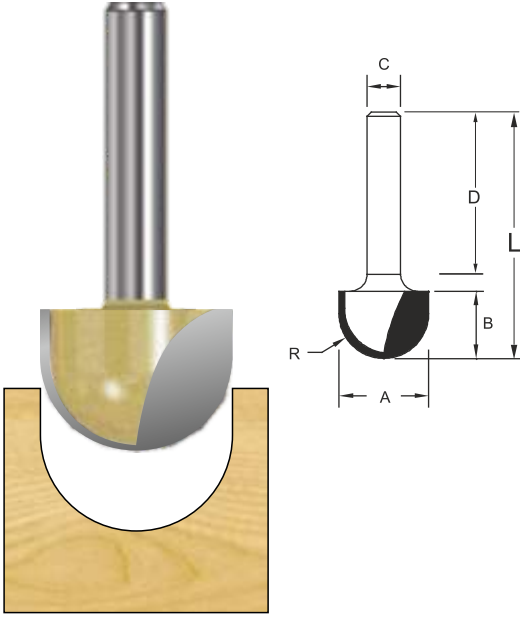
Kod No.	A mm	B mm	C mm	D mm	L mm	R mm
160909-4	8	20	8	32	55	4



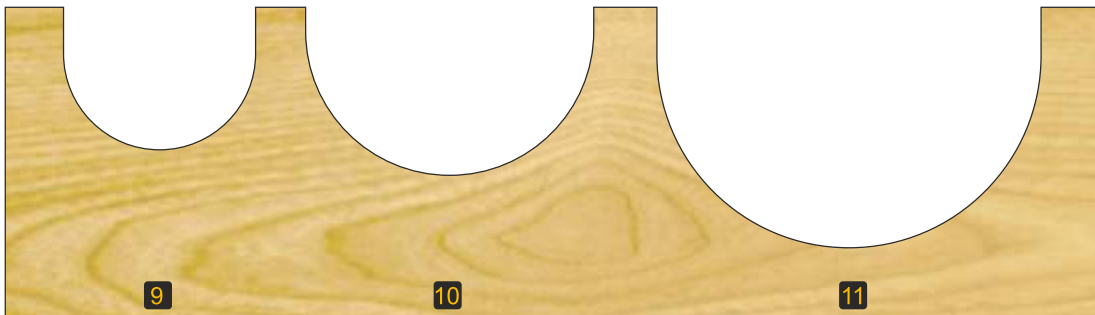
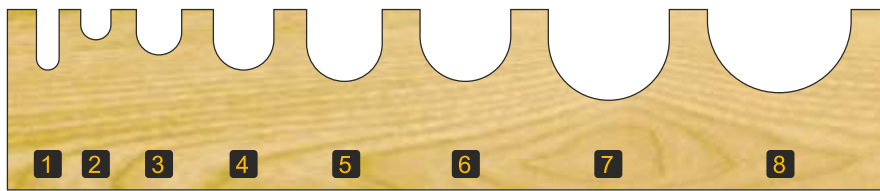
Drawings are 1:1 scale

203
KÜRE UÇLU FREZE
HW/Z2/RH


Yuvarlak tabanlı, dekoratif ve fonksiyonel yuvalar ve oluklar için iki kanallı küre uçlu kesicisi



Kod No.	A mm	B mm	C mm	D mm	L mm	R mm
1 204802	3	8	8	32	49	1.5
2 203801	4	4	8	32	40	2
3 203802	6	6	8	32	42	3
4 203204	8	8	12	40	55	4
5 203812	10	9.5	8	32	41.5	5
6 203214	12	9.5	12	40	53.5	6
7 203222	16	12	12	40	52	8
8 203224	19	11	12	40	52.5	9.5
9 203241	25.4	19	12	40	59	12.7
10 203261	38.1	22.22	12	40	65.4	19.05
11 203281	50.8	31.8	12	40	71.8	25.4

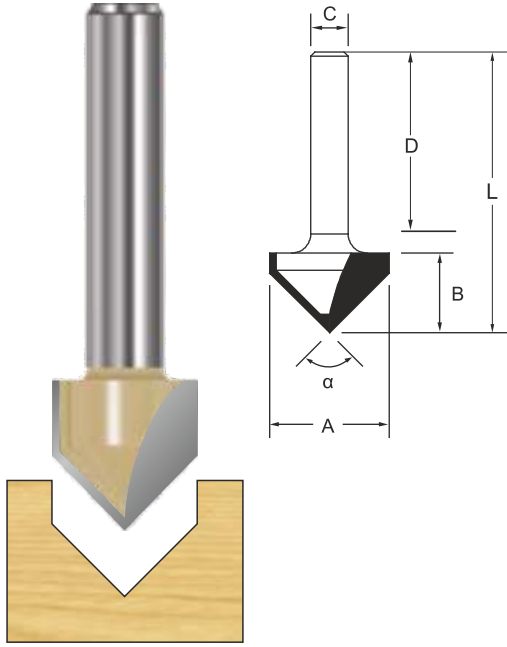


Drawings are 1:1 scale

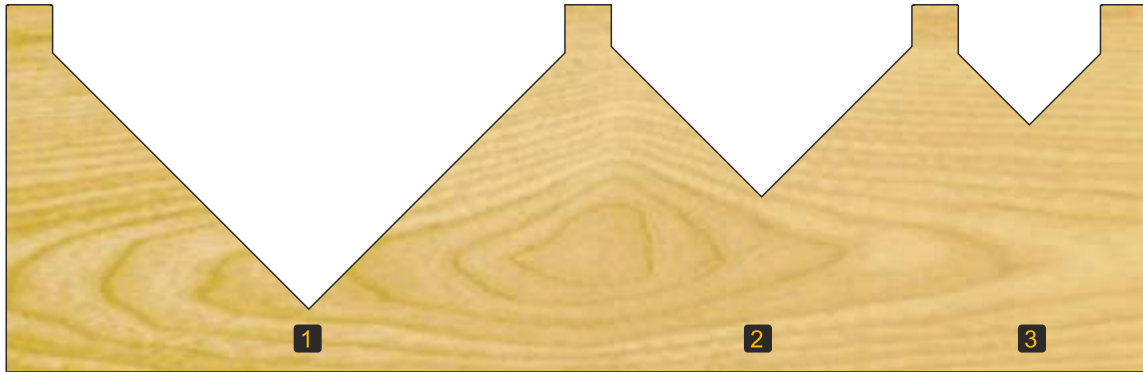
CNC FREZELER
RULMANLI FREZELER
PROFİL FREZELER
TESTERE
İŞKENCE

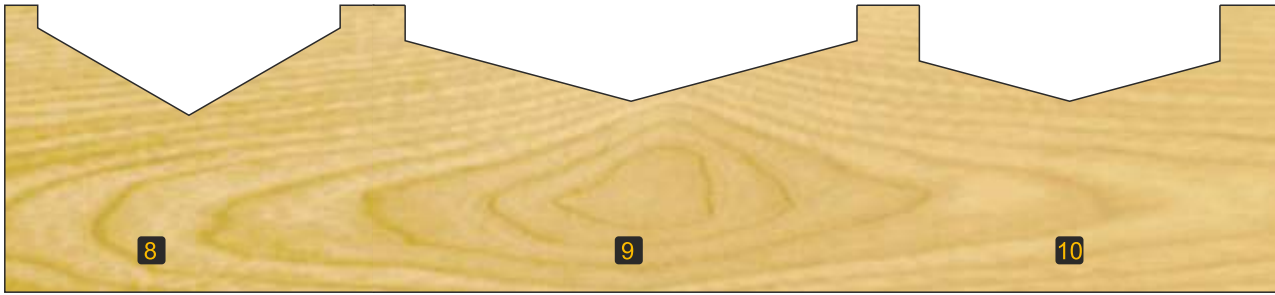
200
V UÇLU FREZE
HW/Z2/RH


V-oluk ve oyma kesici, pah açma, pah kırma ve harç olukları üretmek için yüksek hızlı yönlendiricilerde kullanılır.



Kod No.	A mm	B mm	C mm	D mm	L mm	α
1 200297	68	40.25	12	40	80.25	90°
2 201280	40	25.4	12	40	65.4	90°
3 200241	19.05	15.88	12	40	55.88	90°
4 200822	12.7	12.7	8	32	44.7	90°
5 202231	20.78	24	12	40	64	60°
6 202811	12.7	15.9	8	32	48	60°
7 202251	60	25.4	12	40	65.4	120°
8 202241	40	14.55	12	40	55	120°
9 202291	60	12.7	12	40	52.7	150°
10 202281	40	12.7	12	40	52.7	150°
11 202261	40	12.7	12	40	52.7	140°
12 202271	60	12.7	12	40	52.7	140°


CNC FREZELER
RULMANLI FREZELER
PROFİL FREZELER
TESTERE
İŞKENCE



Drawings are 1:1 scale



Drawings are 1:1 scale

223

YAZI YAZMA FREZESİ

HW/Z3/RH



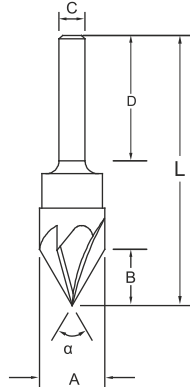
3 kanallı uçlar, hassas oluklar ve lazer hassasiyetle kesimler yapar.

60°'lik bevel kenarlarını çalıştırarak nazik efektler yapabilirsiniz.

Bu bıçaklar, ayrıntı ve dekoratif vurgular ekler ve özellikle işaret yapımında popülerdir.

Süper güçlü bir çelik shaft ve premium karbür kesici kenarlar uzun ömürlü performansı garanti eder.

Kod No.	A mm	B mm	C mm	D mm	L mm	α
223211	15.1	13.1	12	40	70.5	60°



Drawings are 1:1 scale

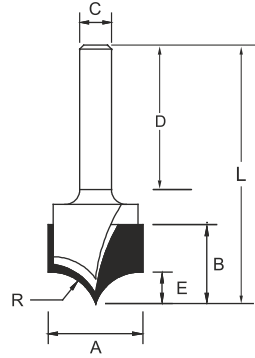
CNC FREZELER

RULMANLI FREZELER

PROFİL FREZELER

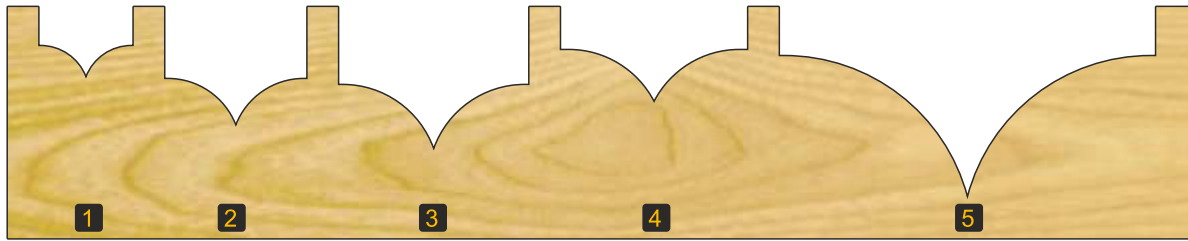
TESTERE

İŞKENCE

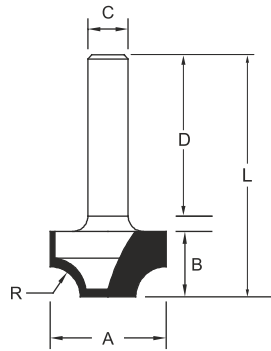
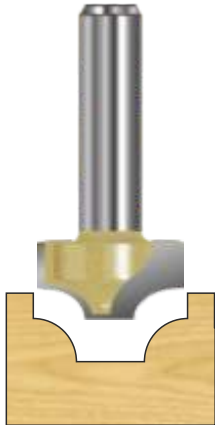
225
RADÜSLÜ PROFİL FREZE
HW/Z2/RH


Dekoratif kanal açmada kullanılır.
Ayrıca bir yönlendirici kılavuzla kenar oluşturma için önerilir.

Kod No.	A mm	B mm	C mm	D mm	L mm	R mm
1 225241	12.7	9.5	12	40	53.5	6.35
2 225251	19.1	15.9	12	40	59.9	9.5
3 225261	25.4	19.1	12	40	63	12.7
4 225260B	25	12.7	12	40	52.7	12.5
5 160909-3	50	25.5	12	40	65.5	25

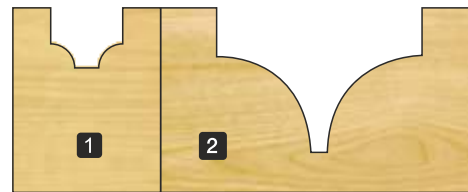
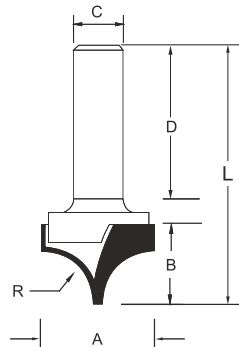
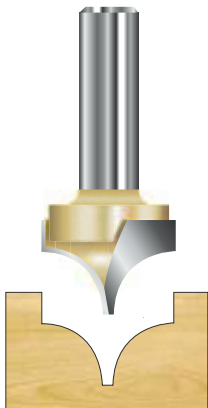


Drawings are 1:1 scale

209
PROFİL FREZE
HW/Z2/RH


Dekoratif kanal açmada kullanılır.
Ayrıca bir yönlendirici kılavuzla kenar oluşturma için önerilir.

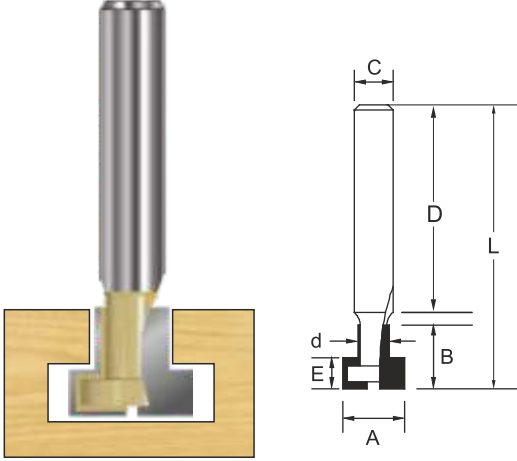
Kod No.	A mm	B mm	C mm	D mm	L mm	R mm
1 209611	9.53	7.94	6	32	40	3.175
2 209225	27.4	19.05	12	40	59	12.7



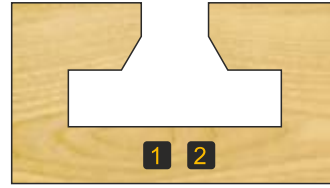
Drawings are 1:1 scale

501 T KANAL FREZE
HW/Z2/RH

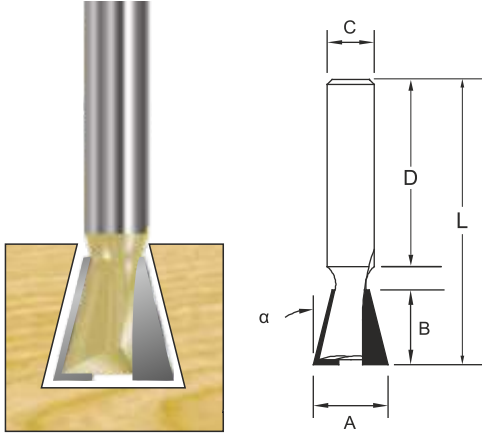

Arden Anahtar Deliği uçları ile çerçevelerinizi, plakalarınızı veya herhangi bir duvarın mükemmel şekilde düz ve duvara takılı kalmasını sağlayan delikler açabilirsiniz. Bu uçlar tahtaya bir giriş deliği delmiştir, daha sonra delik açmaya devam etmekte ve yüzeyin altında daha büyük bir delik açarak sonlanmaktadır. Duvar askılarını vidalara ve çivilere güvenli bir şekilde monte etmenin mükemmel yolu.



Kod No.	A mm	B mm	C mm	D mm	L mm
501618	28	16	6	32	48
501218	28	16	12	40	61

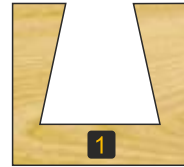


Drawings are 1:1 scale

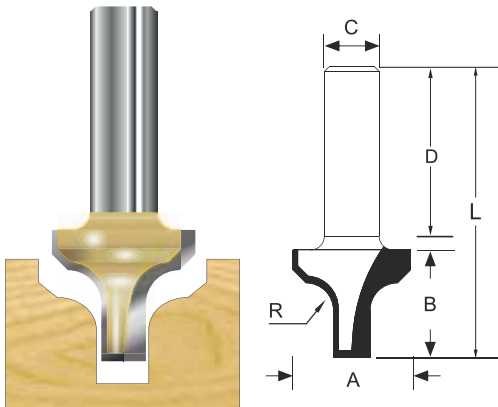
CNC FREZELER
RULMANLI FREZELER
206 KIRLANGIÇ KUYRUĞU FREZE
HW/Z2/RH


2 Ağızlı kırlangıç kuyruğu şeklinde oluk açma işini üstlenir.

Kod No.	A mm	B mm	C mm	D mm	L mm	α
206850	15.9	15.9	8	32	50.9	14°



Drawings are 1:1 scale

PROFİL FREZELER
TESTERE
170-1 RADÜSLÜ EBATLAMA FREZESİ
HW/Z2/RH


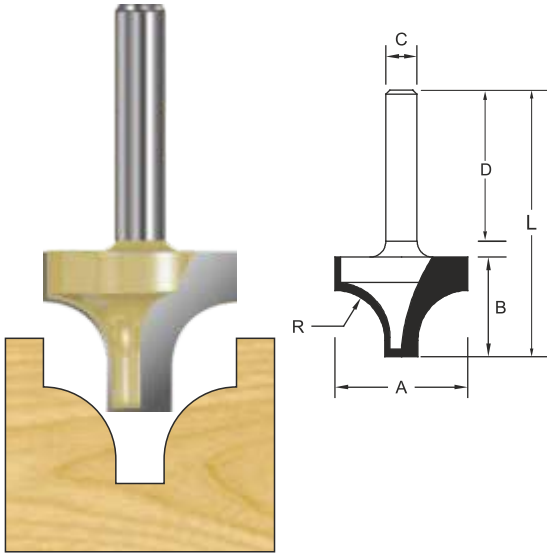
Ebatlama yaparken radüs vererek iş sürecini kısaltır.

Kod No.	A mm	B mm	C mm	D mm	L mm	R mm
170814-1	25.7	23.5	12	40	63.5	6



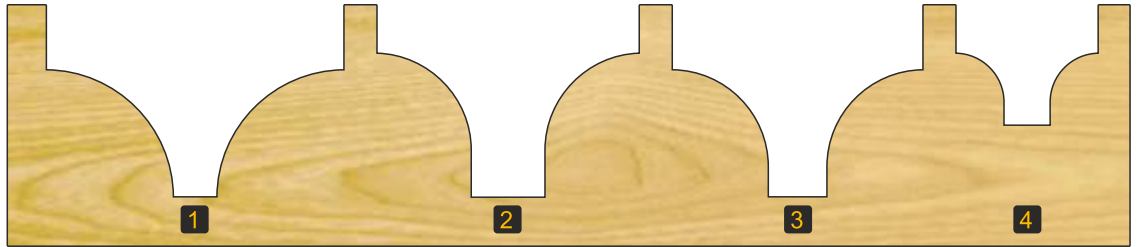
Drawings are 1:1 scale

İŞKENCE

213 RADÜSLÜ EBATLAMA FREZESİ
HW/Z2/RH


Ebatlama yaparken radüs vererek iş sürecini kısaltır.

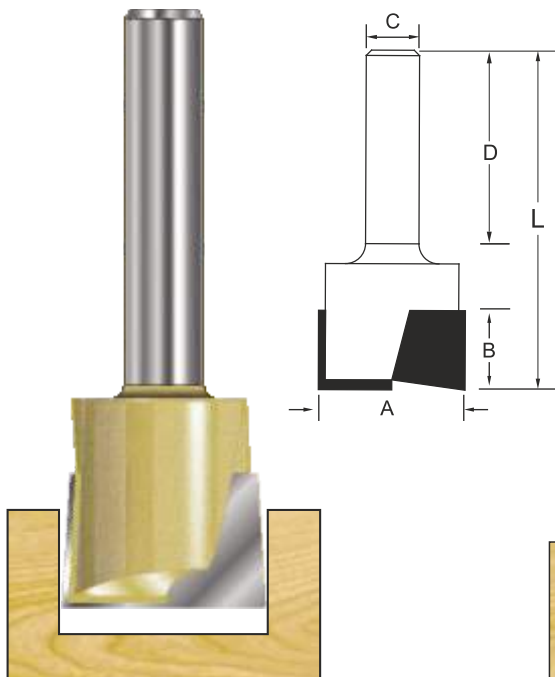
Kod No.	A mm	B mm	C mm	D mm	L mm	R mm
1 213236	39.6	25.4	12	40	65.4	16.8
2 213231	34.9	25.4	12	40	65.4	12.7
3 213230	33.4	25.4	12	40	65.4	12.7
4 213211	19.1	15.93	12	40	55.9	6.35



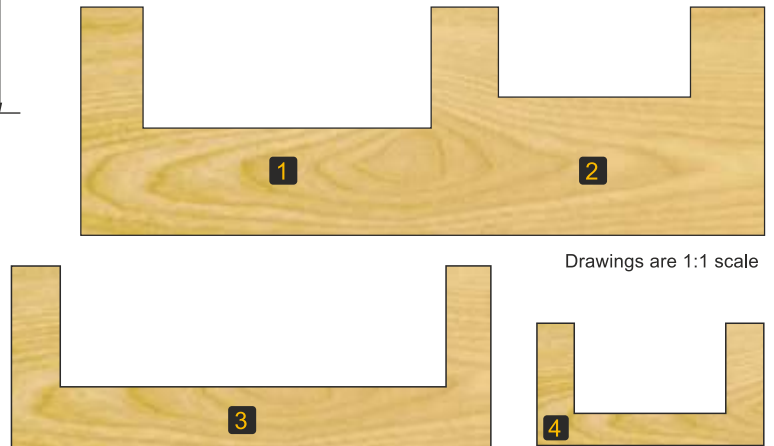
Drawings are 1:1 scale

214 YÜZEY TEMİZLEME FREZESİ
HW/Z2/RH


Önceden kesilmiş pürüzleri ve oyukları temizlemek veya pürüzleri kesmek için bu ucu kullanın. Üst kesme konfigürasyonu talaş kaldırmayı iyileştirirken, en ileri yönlendirme düz bir yüzey oluşturur.



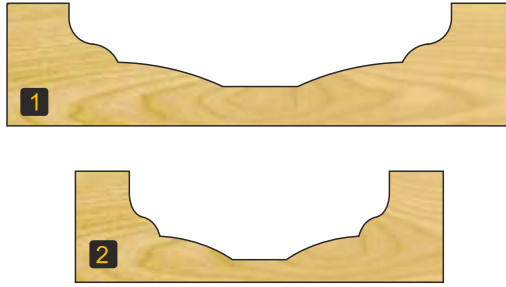
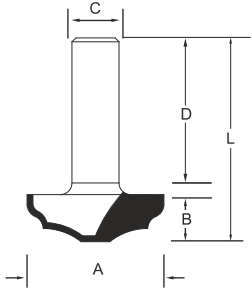
Kod No.	A mm	B mm	C mm	D mm	L mm
1 214245	38.1	16	12	40	63
2 214231	25.4	11.9	12	40	59
3 214261	50.8	16	12	40	61
4 214214	20	12	12	40	59



Drawings are 1:1 scale

A1824 DEKORATİF PROFİL FREZE
HW/Z2/RH

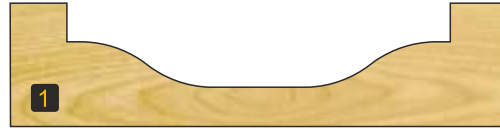
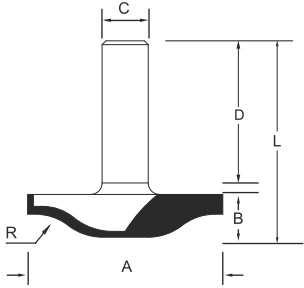

Kod No.	A mm	B mm	C mm	D mm	L mm
1 A1824078	50.8	11	12	40	51
2 A1824028	34.9	12	12	40	52



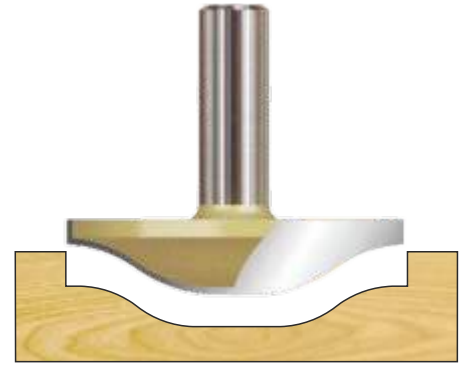
Drawings are 1:1 scale


CNC FREZELER
RULMANLI FREZELER
A184 DEKORATİF PROFİL FREZE
HW/Z2/RH

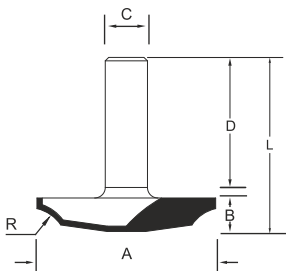

Kod No.	A mm	B mm	C mm	D mm	L mm	R mm
1 A1841038	50.8	11.1	12	40	51.1	14.28



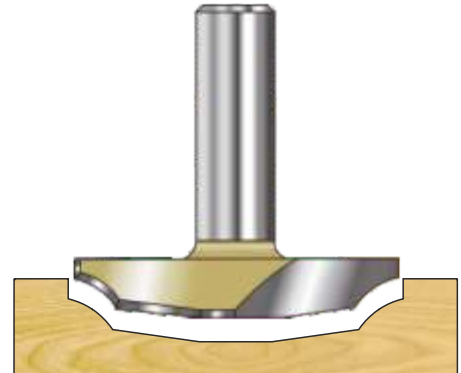
Drawings are 1:1 scale


PROFİL FREZELER
A181 DEKORATİF PROFİL FREZE
HW/Z2/RH


Kod No.	A mm	B mm	C mm	D mm	L mm	R mm
1 A1816038	50.8	9.5	12	40	49.5	11.1

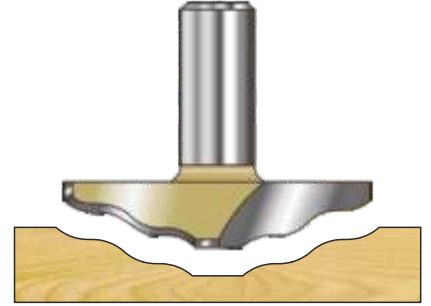
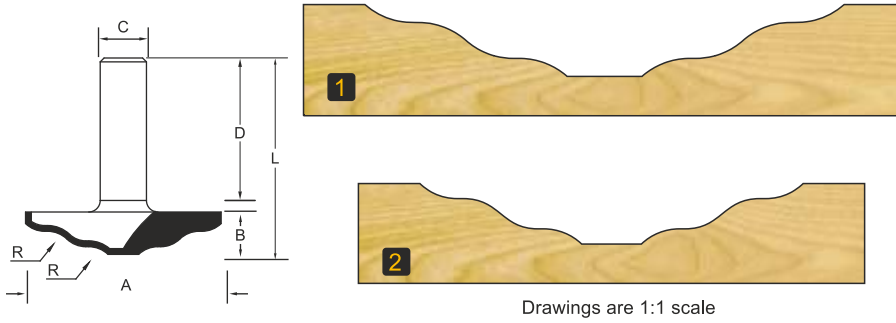


Drawings are 1:1 scale

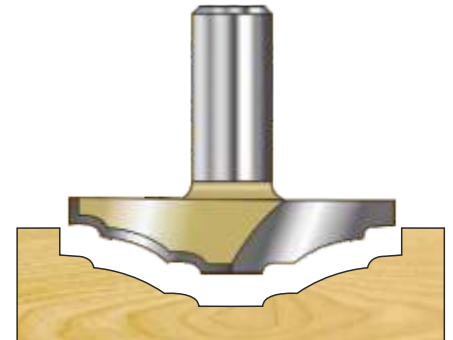
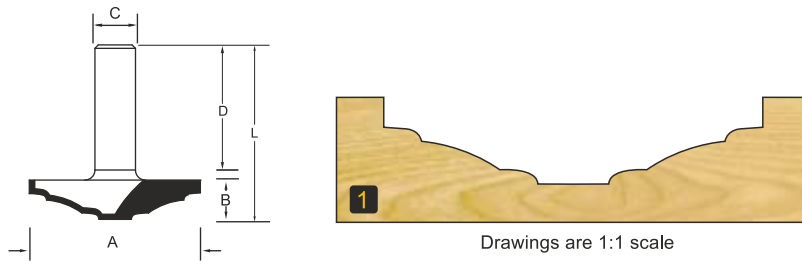

TESTERE
İŞKENCE

A1825 DEKORATİF PROFİL FREZE
HW/Z2/RH

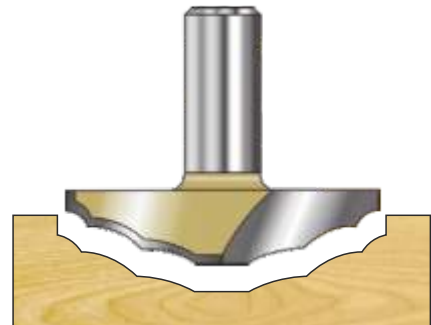
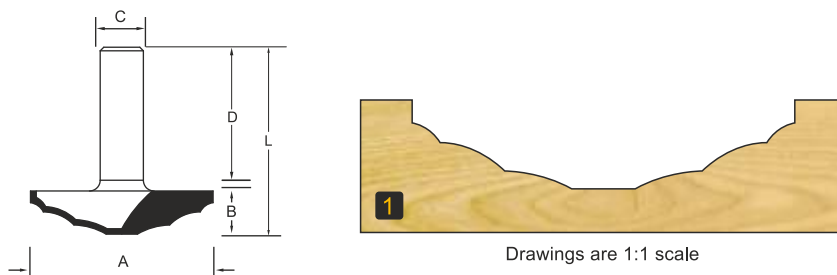

Kod No.	A mm	B mm	C mm	D mm	L mm	R mm
1 A1825038	63.5	12.5	12	40	52.5	9.53
2 A1825018	50.8	11	12	40	51	7.14


A186 DEKORATİF PROFİL FREZE
HW/Z2/RH


Kod No.	A mm	B mm	C mm	D mm	L mm
1 A1860008	50.8	11.6	12	40	51.6


A1832 DEKORATİF PROFİL FREZE
HW/Z2/RH


Kod No.	A mm	B mm	C mm	D mm	L mm
1 A1832008	50.8	12	12	40	52

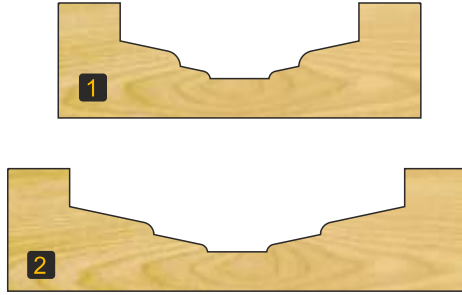
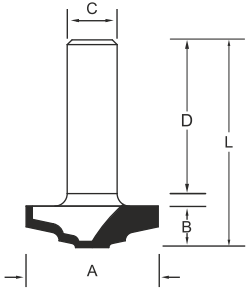


A1805 DEKORATİF PROFİL FREZE

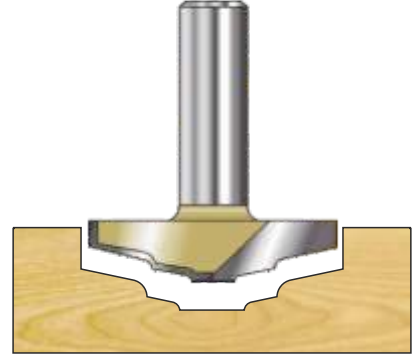
HW/Z2/RH



Kod No.	A mm	B mm	C mm	D mm	L mm
1 A1805018	31.8	10	12	40	50
2 A1805058	44.5	11	12	40	51



Drawings are 1:1 scale

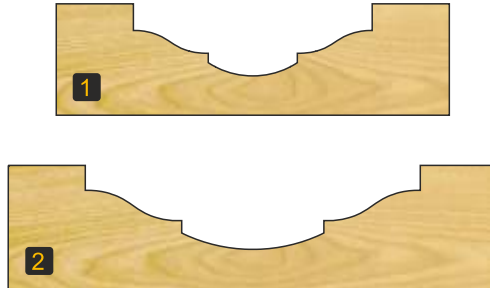
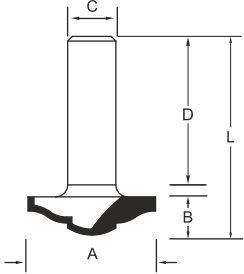


A1807 DEKORATİF PROFİL FREZE

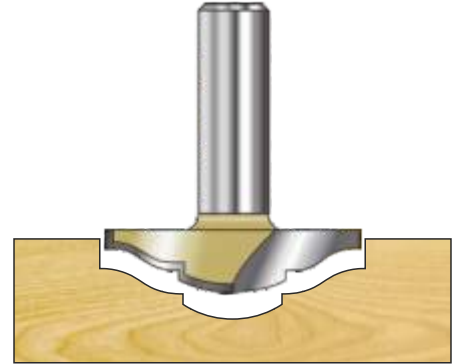
HW/Z2/RH



Kod No.	A mm	B mm	C mm	D mm	L mm
1 A1807018	31.8	9.53	12	40	49.5
2 A1807058	44.5	11.1	12	40	51.1



Drawings are 1:1 scale

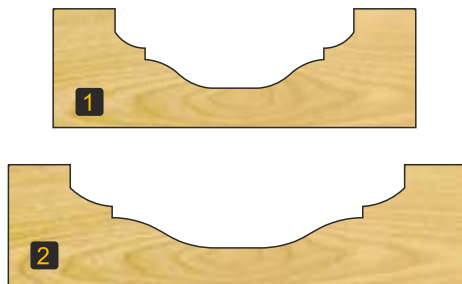
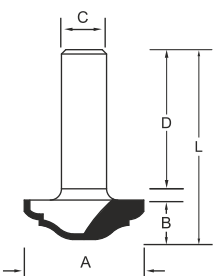


A1808 DEKORATİF PROFİL FREZE

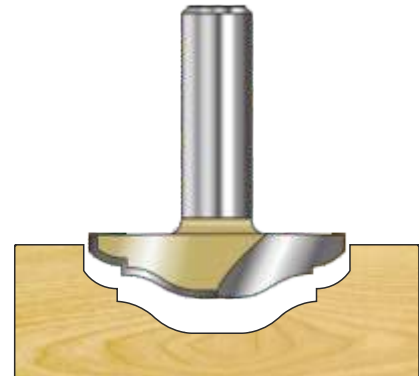
HW/Z2/RH



Kod No.	A mm	B mm	C mm	D mm	L mm
1 A1808018	31.8	10.5	12	40	50.5
2 A1808058	44.5	11	12	40	51



Drawings are 1:1 scale



CNC FREZELER

RULMANLI FREZELER

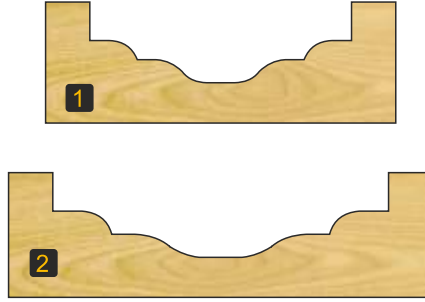
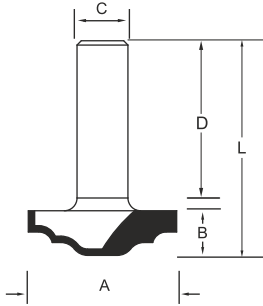
PROFİL FREZELER

TESTERE

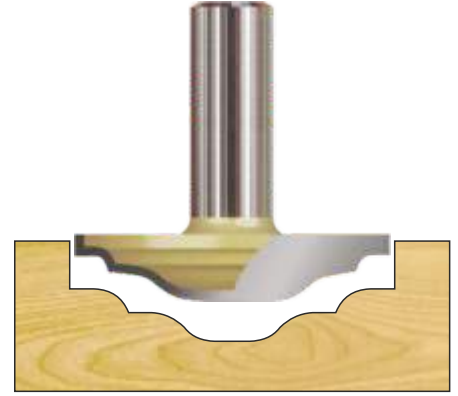
İŞKENCE

A1822 DEKORATİF PROFİL FREZE
HW/Z2/RH

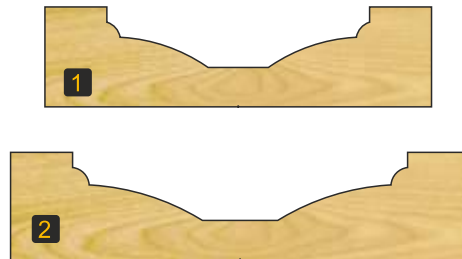
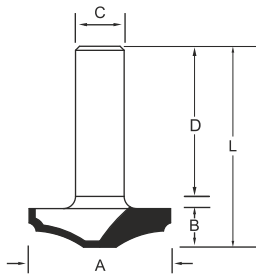

Kod No.	A mm	B mm	C mm	D mm	L mm
1 A1822038	34.9	10.5	12	40	50.5
2 A1822078	44.45	11	12	40	51



Drawings are 1:1 scale


A1838 DEKORATİF PROFİL FREZE
HW/Z2/RH

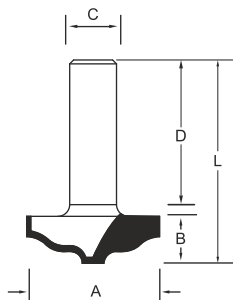

Kod No.	A mm	B mm	C mm	D mm	L mm
1 A1838058	34.9	9.53	12	40	49.5
2 A1838098	44.5	9	12	40	49



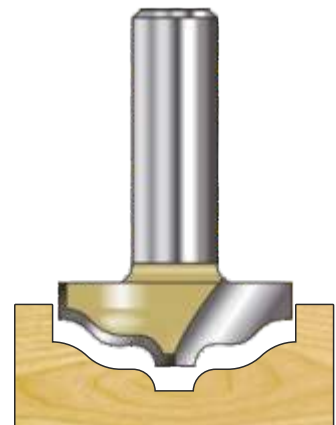
Drawings are 1:1 scale

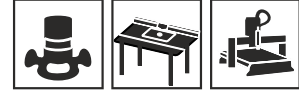

160-2 DEKORATİF PROFİL FREZE
HW/Z2/RH


Kod No.	A mm	B mm	C mm	D mm	L mm
1 160909-2	34	12	12	40	52



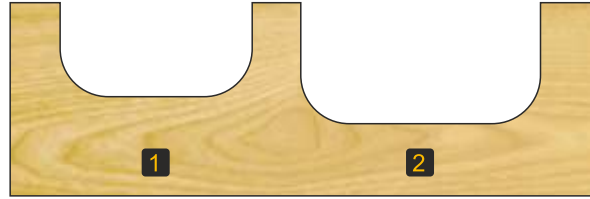
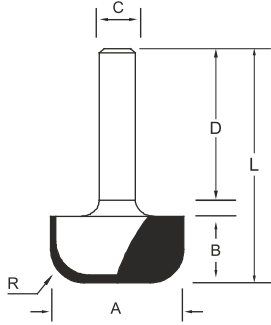
Drawings are 1:1 scale



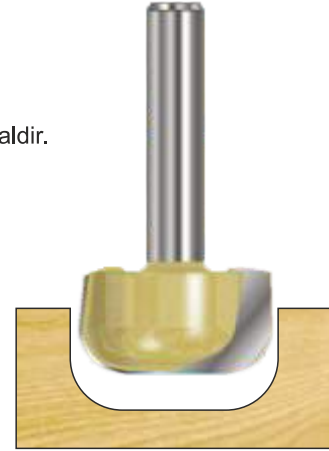
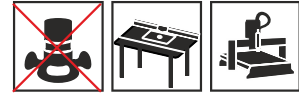
215 OLUK AÇMA FREZESİ
HW/Z2/RH


Kod No.	A mm	B mm	C mm	D mm	L mm	R mm
1 215811	25.4	12.7	8	32	44.7	6.35
2 215231	31.7	16	12	40	56	6.4

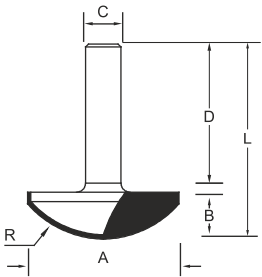
Kaseler, tepsiler, kutular, kesme tahtaları veya diğer özel ürünler veya el sanatları ürünleri yapmak için idealdir.



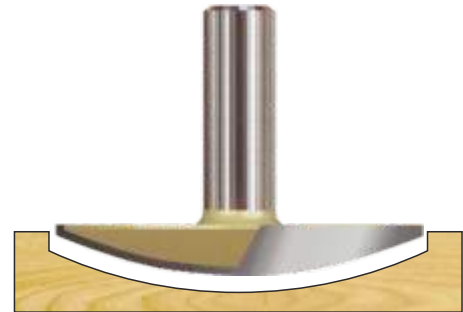
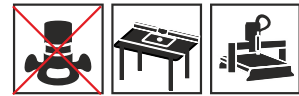
Drawings are 1:1 scale


A1833 DEKORATİF PROFİL FREZE
HW/Z2/RH


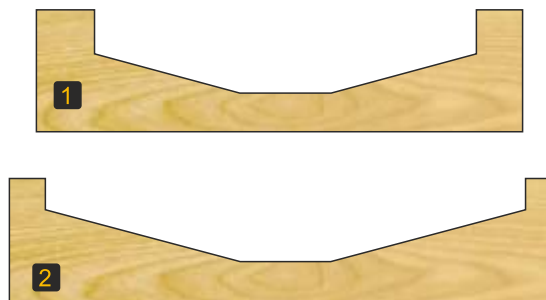
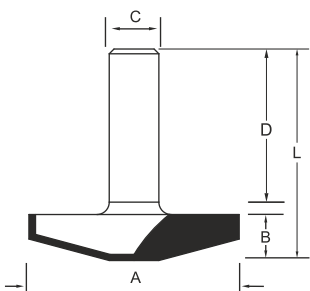
Kod No.	A mm	B mm	C mm	D mm	L mm	R mm
1 A1833118	63.5	10.2	12	40	50.2	75.5



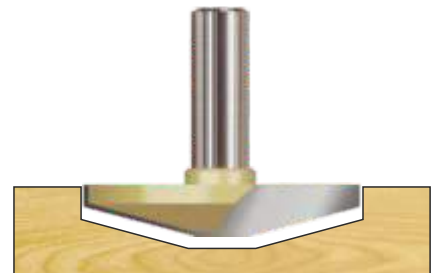
Drawings are 1:1 scale


A1861 DEKORATİF PROFİL FREZE 15°
HW/Z2/RH


Kod No.	A mm	B mm	C mm	D mm	L mm	α
1 A1861008	50.8	11.1	12	40	51.1	15°
2 A1861018	63.5	11.1	12	40	51.1	15°



Drawings are 1:1 scale

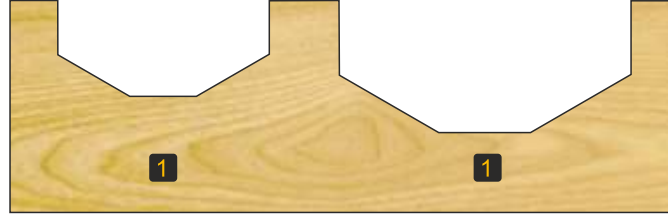
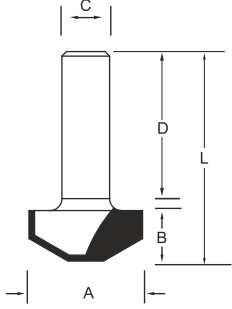

CNC FREZELER
RULMANLI FREZELER
PROFİL FREZELER
TESTERE
İŞKENCE

A040 DEKORATİF PROFİL FREZE

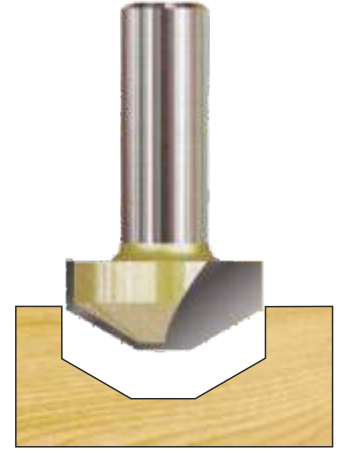
HW/Z2/RH



Kod No.	A mm	B mm	C mm	D mm	L mm	α
1 A0403298	28.57	12.7	12	40	52.7	30°
2 A0403338	39.25	17.46	12	40	57.5	30°



Drawings are 1:1 scale

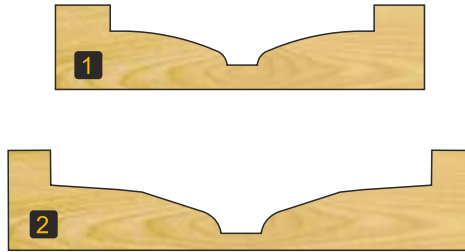
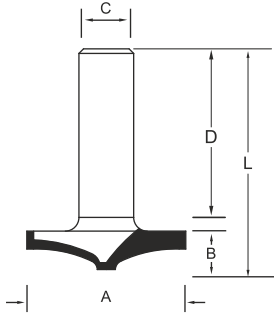


A1801 DEKORATİF PROFİL FREZE

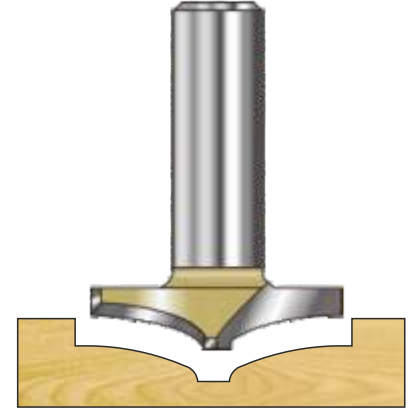
HW/Z2/RH



Kod No.	A mm	B mm	C mm	D mm	L mm
1 A1801038	34.9	8.44	12	40	48.4
2 A1801088	50.8	11	12	40	51



Drawings are 1:1 scale

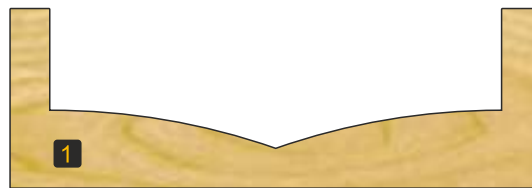
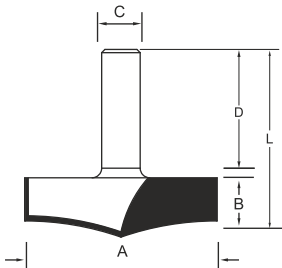


160-6 DEKORATİF PROFİL FREZE

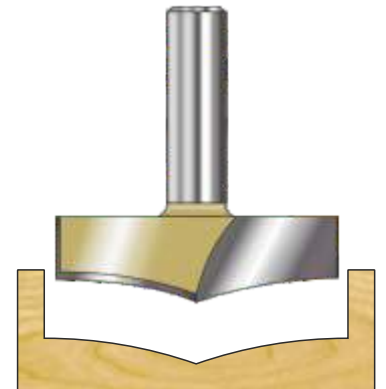
HW/Z2/RH



Kod No.	A mm	B mm	C mm	D mm	L mm
1 160909-6	60	18.5	12	40	58,5



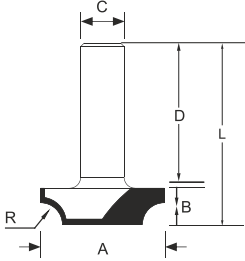
Drawings are 1:1 scale



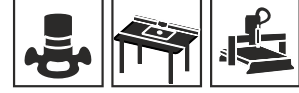
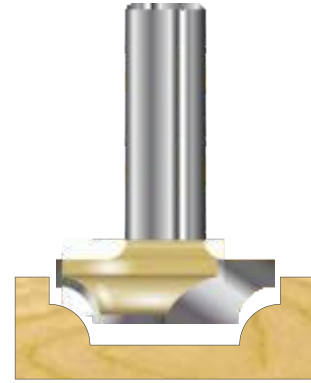
201 DEKORATİF PROFİL FREZE

HW/Z2/RH

Kod No.	A mm	B mm	C mm	D mm	L mm	R mm
1 20170823-1	34	10	12	40	50	6



Drawings are 1:1 scale

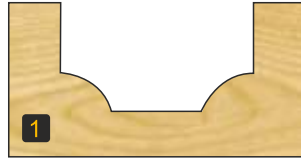
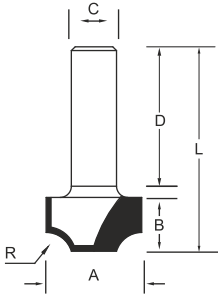


CNC FREZELER

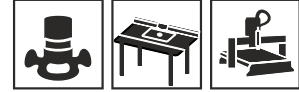
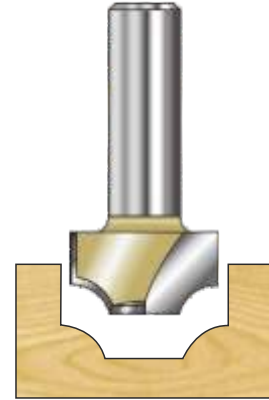
A1864 PROFİL FREZE

HW/Z2/RH

Kod No.	A mm	B mm	C mm	D mm	L mm	R mm
1 A1864058	25.4	14.28	12	40	54.3	6.98



Drawings are 1:1 scale



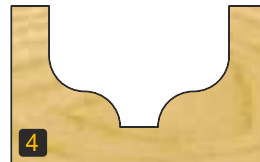
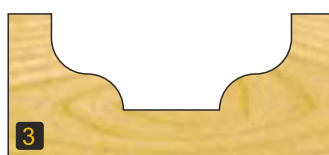
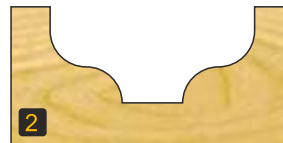
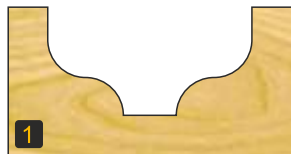
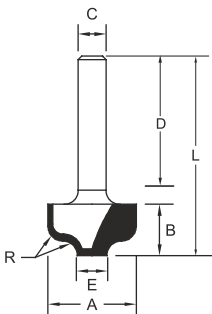
RULMANLI FREZELER

PROFİL FREZELER

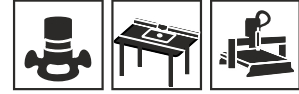
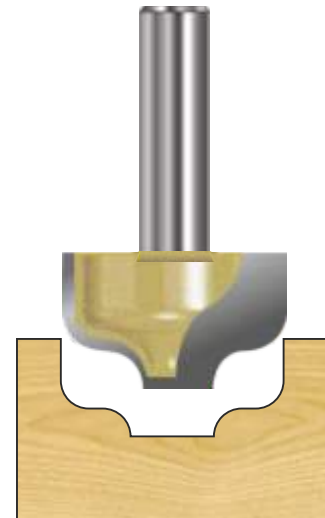
210 PROFİL FREZE

HW/Z2/RH

Kod No.	A mm	B mm	C mm	D mm	E mm	L mm	R mm
1 210881	27	14.3	8	32	7	46.3	5
2 210260	27.05	12.7	12	40	8	52.7	4.76
3 210261	31.8	12.7	12	40	12.7	52.7	4.76
4 170814-2	23.8	16	8	32	5	48	4.7



Drawings are 1:1 scale



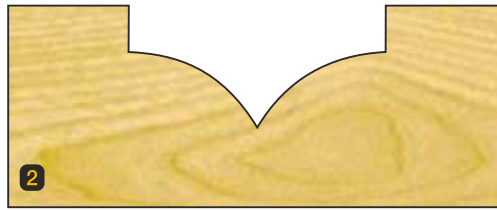
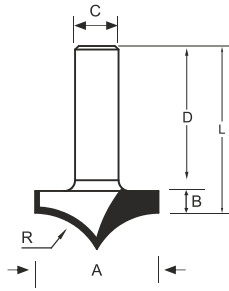
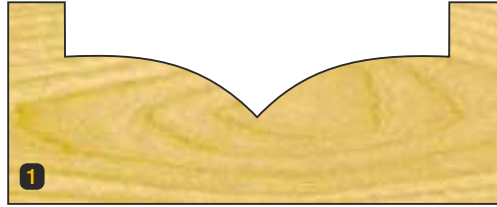
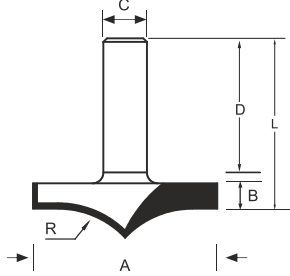
TESTERE

İŞKENCE

171-1 RADÜSLÜ PROFİL FREZE

HW/Z2/RH

Kod No.	A mm	B mm	C mm	D mm	L mm	R mm
1 171213-1	50.8	15	12	40	55	25.4
2 171213-2	34	16	12	40	56	19.45



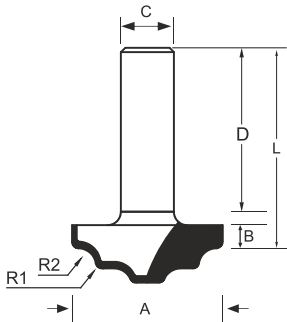
Drawings are 1:1 scale



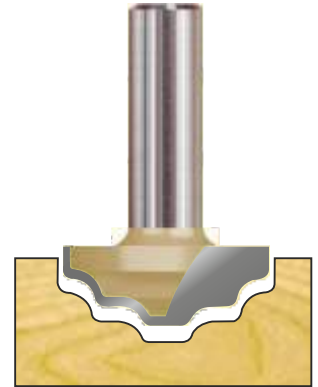
171-3 PROFİL FREZE

HW/Z2/RH

Kod No.	A mm	B mm	C mm	D mm	L mm	R1 mm	R2 mm
1 171213-3	34	13	12	40	53	1.5	4



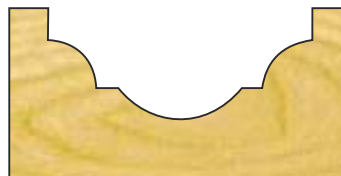
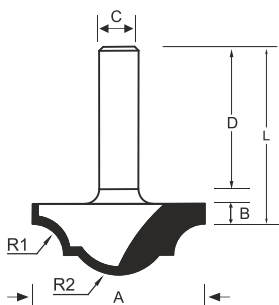
Drawings are 1:1 scale



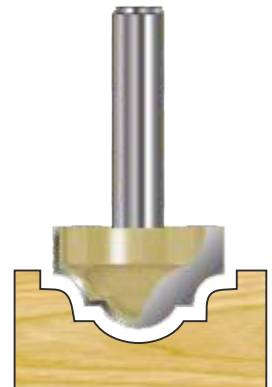
171-1 PROFİL FREZE

HW/Z2/RH

Kod No.	A mm	B mm	C mm	D mm	L mm	R1 mm	R2 mm
1 171215-1	35	14.4	8	32	46.4	6.35	10.32

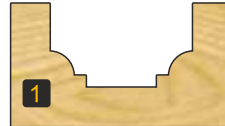
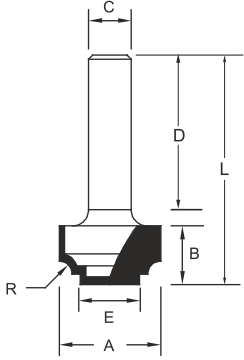


Drawings are 1:1 scale

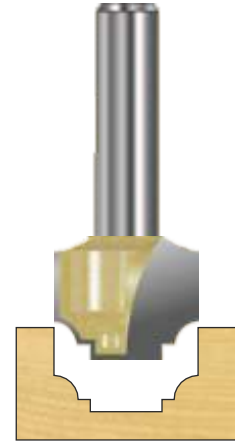
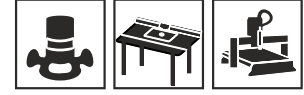


212 PROFİL FREZE
HW/Z2/RH

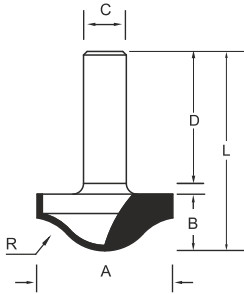
Kod No.	A mm	B mm	C mm	D mm	E mm	L mm	R mm
1 212221	19.1	11.11	12	40	9.5	51	3.175



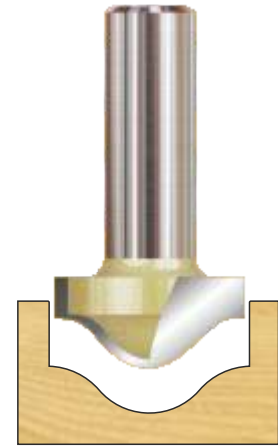
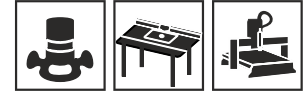
Drawings are 1:1 scale


CNC FREZELER
RULMANLI FREZELER
A050 PROFİL FREZE
HW/Z2/RH

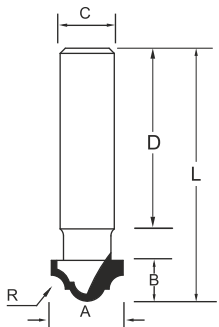
Kod No.	A mm	B mm	C mm	D mm	L mm	R mm
1 A0506318	38.1	15.9	12	40	55.9	14.3
2 A0506014	19.1	10.5	12	40	50.5	6.35



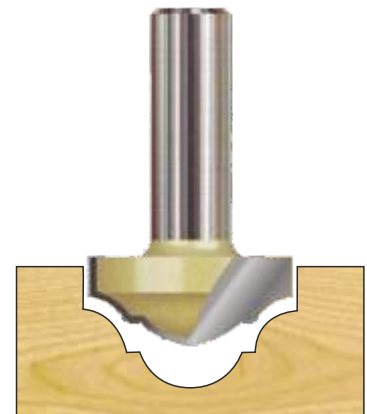
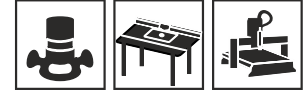
Drawings are 1:1 scale


PROFİL FREZELER
A041 PROFİL FREZE
HW/Z2/RH

Kod No.	A mm	B mm	C mm	D mm	L mm	R mm
1 A0413038	15.9	9	12	40	56	3.09

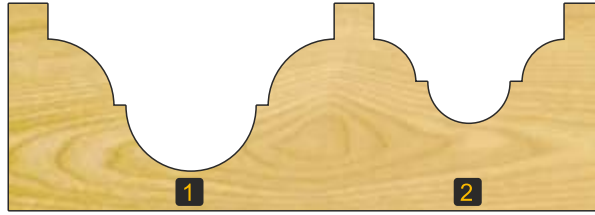
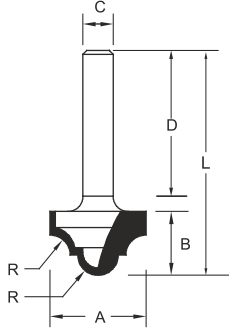


Drawings are 1:1 scale

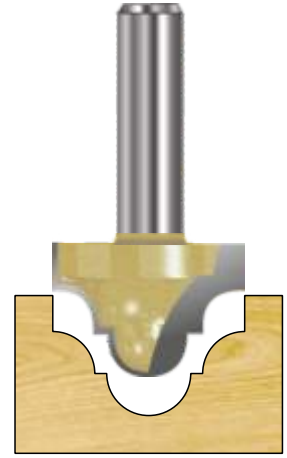

TESTERE
İŞKENCE

211 PROFİL FREZE
HW/Z2/RH

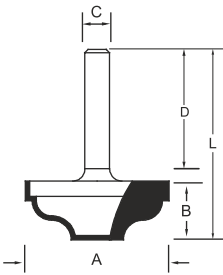
Kod No.	A mm	B mm	C mm	D mm	L mm	R mm
1 211251	38.1	22.2	12	40	62.2	8.73
2 211231	25.4	15.88	12	40	55.9	5.56



Drawings are 1:1 scale


0409 PROFİL FREZE
HW/Z2/RH

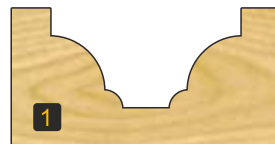
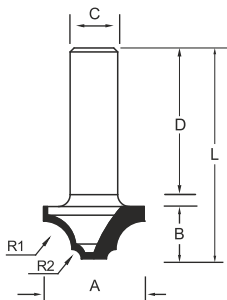
Kod No.	A mm	B mm	C mm	D mm	L mm
1 A0409278	31.75	12.5	12	40	52.5



Drawings are 1:1 scale

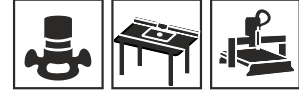

A0820 PROFİL FREZE
HW/Z2/RH

Kod No.	A mm	B mm	C mm	D mm	L mm	R1 mm	R2 mm
1 A0802558/A0820558	25.39	13.2	12	40	53.2	7.14	2.38

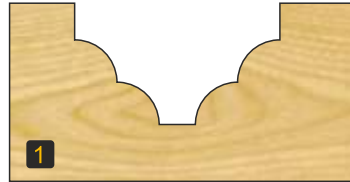
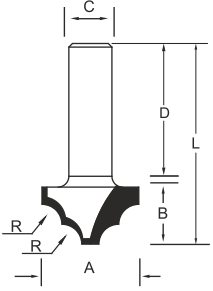


Drawings are 1:1 scale

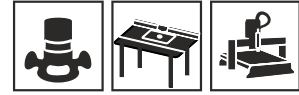


A0802 PROFİL FREZE
HW/Z2/RH


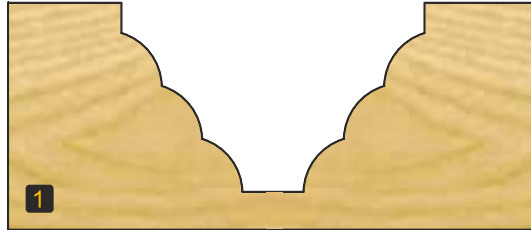
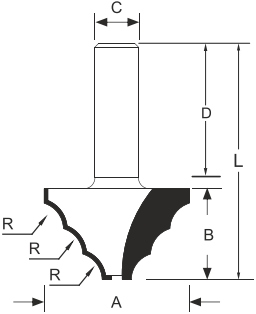
Kod No.	A mm	B mm	C mm	D mm	L mm	R mm
1 A0802798	26.9	15.9	12	40	55.9	5.55



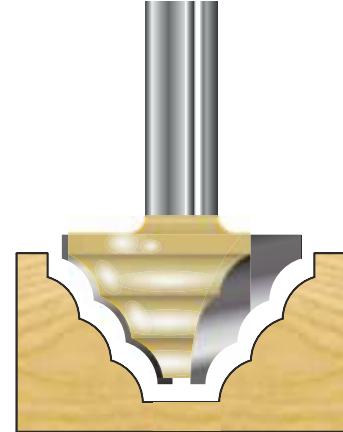
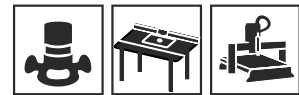
Drawings are 1:1 scale


A081 PROFİL FREZE
HW/Z2/RH


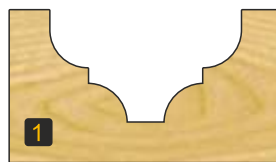
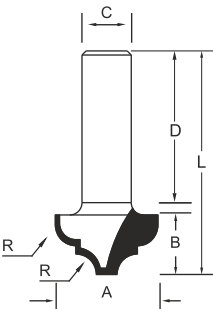
Kod No.	A mm	B mm	C mm	D mm	L mm	R mm
1 A0818180NB	40	25	12	40	65	7.5



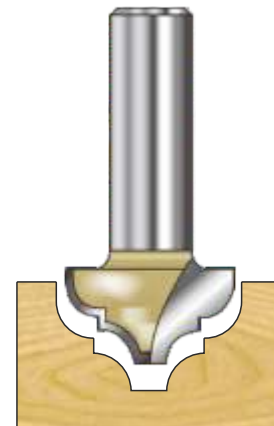
Drawings are 1:1 scale


160-1 PROFİL FREZE
HW/Z2/RH


Kod No.	A mm	B mm	C mm	D mm	L mm	R mm
1 160909-1	25	14.5	12	40	54.5	5



Drawings are 1:1 scale



CNC FREZELER

RULMANLI FREZELER

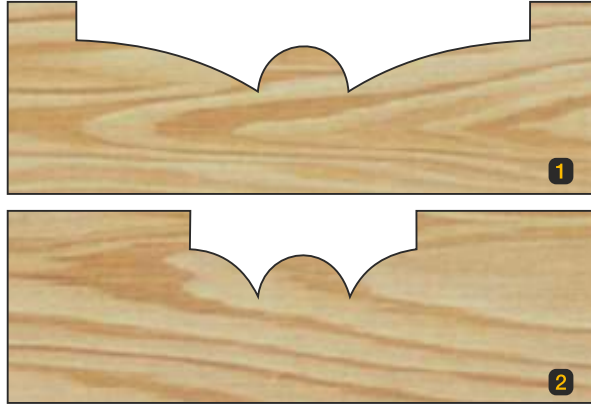
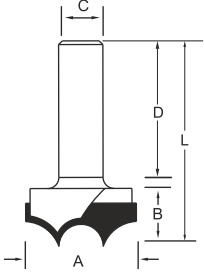
PROFİL FREZELER

TESTERE

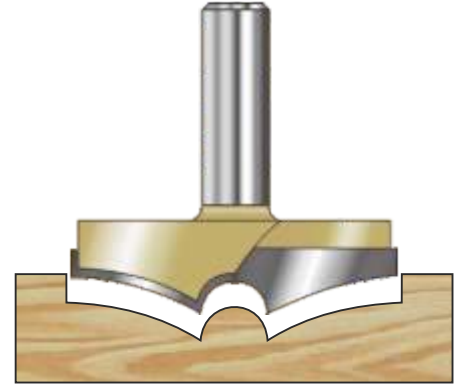
İŞKENCE

160-5 YUVARLAK DEKORATİF PROFİL FREZE
HW/Z2/RH

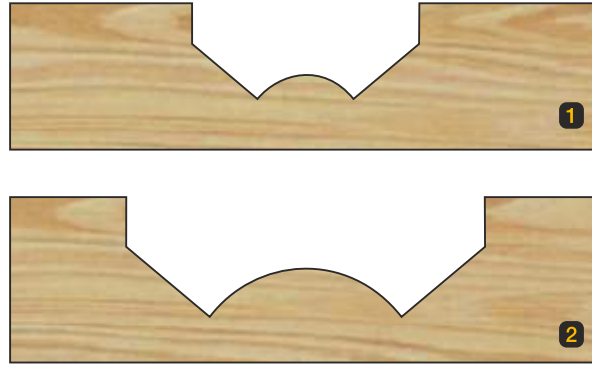
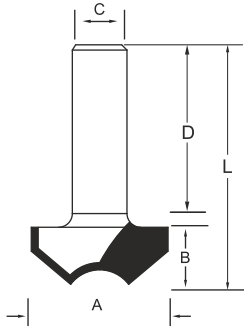
Kod No.	A mm	B mm	C mm	D mm	L mm
1 160909-5	60	17.17	12	40	57
2 160909-5.1	30	15.7	12	40	56



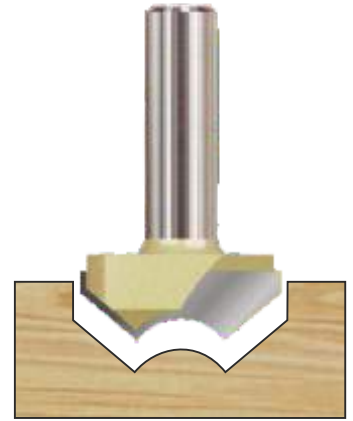
Drawings are 1:1 scale


A0915 YUVARLAK DEKORATİF PROFİL FREZE
HW/Z2/RH

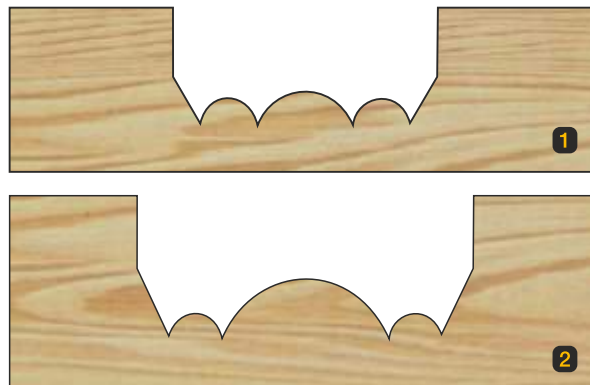
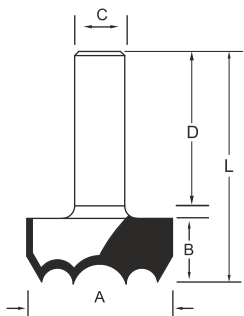
Kod No.	A mm	B mm	C mm	D mm	L mm
1 A0915238	30	12.53	12	40	52.5
2 A0915338	47.5	15.7	12	40	55.7



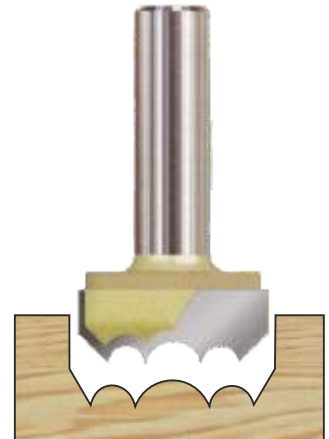
Drawings are 1:1 scale

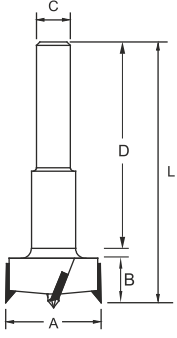

A0914 YUVARLAK DEKORATİF PROFİL FREZE
HW/Z2/RH

Kod No.	A mm	B mm	C mm	D mm	L mm
1 A0914198	34.9	15.7	12	40	55.7
2 A0914238	44.45	18.88	12	40	58.9



Drawings are 1:1 scale

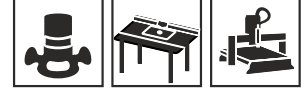


702 DESEN FREZE


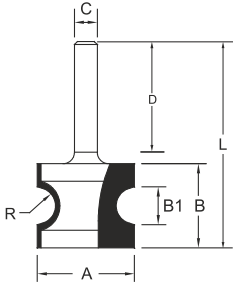
Kod No.	A mm	B mm	C mm	D mm	L mm
1 702209	18	13	12	68	90



Bu delme uçları, doğru delme için tasarlanmıştır ve iki kanat kesici ve iki mahmuz kesici alt tarafın yırtılmasını önler.

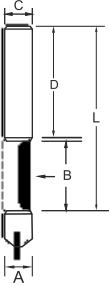
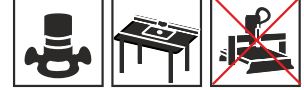

CNC FREZELER
330 KENAR YUVARLAMA FREZESİ
HW/Z2/RH


Kod No.	A mm	B mm	C mm	D mm	L mm	R mm
1 330251	44.5	41	12	40	81	12.7



Drawings are 1:1 scale

Merdiven basamaklarını, pencere pervazlarını ve rafları tek bir temiz kesim halinde kesmek için.

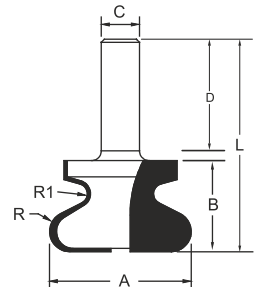
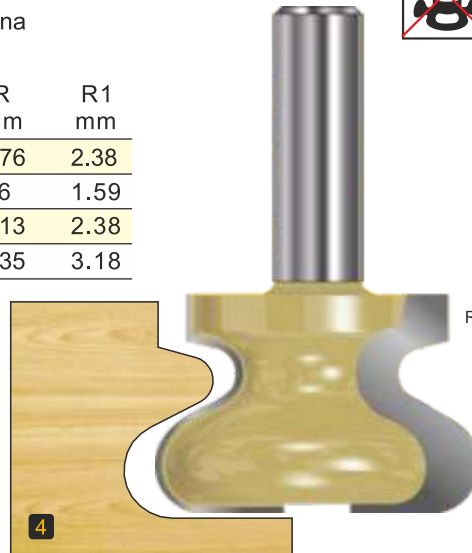
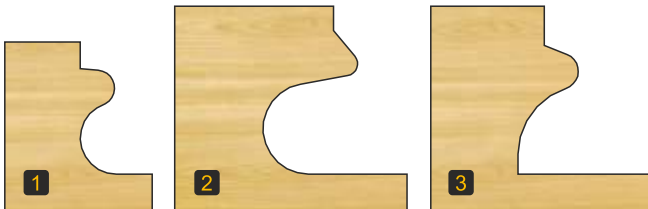

RULMANLI FREZELER
154 DELME VE TEMİZLEME FREZESİ
HW/Z2/RH


Kod No.	A mm	B mm	C mm	D mm	L mm
1 154821	8	25.4	8	32	73


PROFİL FREZELER
502 KULP YERİ AÇMA FREZESİ
HW/Z2/RH


Ahşap mobilya kapaklarının ve çekmece önlerinin üst kısmına gizli kulp yeri açmaya yarar.

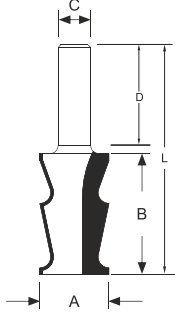
Kod No.	A mm	B mm	C mm	D mm	L mm	R mm	R1 mm
1 502211	19.05	17.5	12	40	58	4.76	2.38
2 502231	38.1	22.2	12	40	63	6	1.59
3 502221	34.93	22.2	12	40	63	9.13	2.38
4 502241	44.45	28.6	12	40	70	6.35	3.18


TESTERE
İŞKENCE

Drawings are 1:1 scale

A100 TAÇ PROFİL FREZE
HW/Z2/RH


Kod No.	A mm	B mm	C mm	D mm	L mm
1 A1008058	25.4	44.43	12	40	84.4

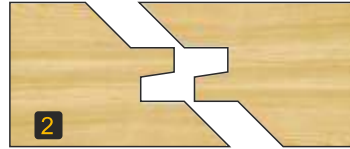
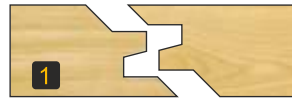
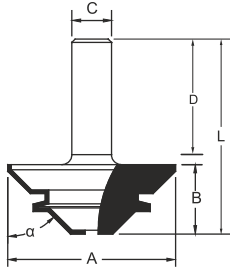


Drawings are 1:1 scale


603 KÖŞE BİRLEŞTİRME FREZESİ
HW/Z2/RH


Kod No.	A mm	B mm	C mm	D mm	L mm	α
1 603811	38.1	12.7	8	32	44.7	45°
2 603221	44.45	21	12	40	51	45°

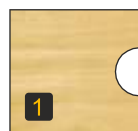
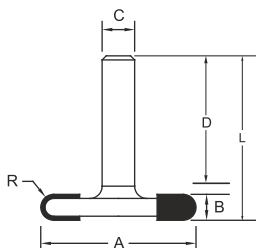
Etkili ve çok güçlü bir tutkal 90° köşe eklemi üretmek üzere tasarlanmış iki oluklu gönye kilitleme bıçağı. Kesici, birleştirme uzunlukları için, birlikte uzunlukları birleştirmek için de kullanılabilir.



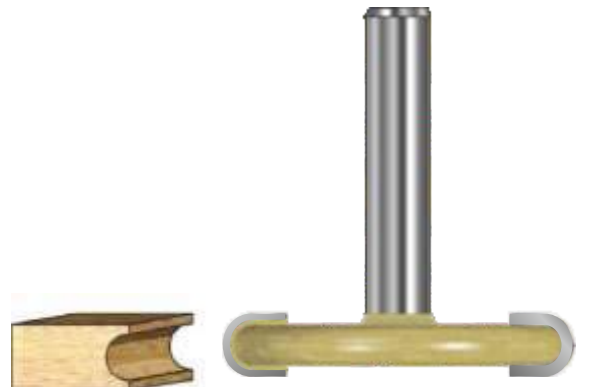
Drawings are 1:1 scale


318 OLUK AÇMA FREZESİ
HW/Z2/RH


Kod No.	A mm	B mm	C mm	D mm	L mm	R mm
1 318211	38.1	6.35	12	40	46.4	3.175

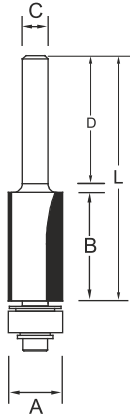


Drawings are 1:1 scale

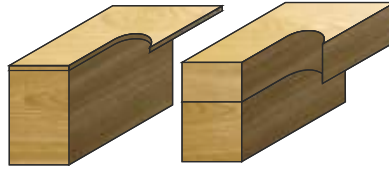


151 RULMANLI KENAR TEMİZLEME FREZESİ
HW/Z2/RH

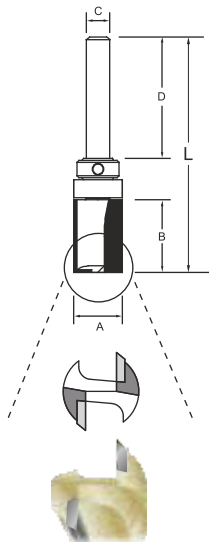

Aşağı kayma açısı kesme olukları, geleneksel düz oluk uçlarına göre daha yumuşak bir kesime neden olur. Odun liflerini 90° açıyla kesmek yerine, kesme açısı tasarımı daha yumuşak bir kesme açısı, dilimleme kesimi sağlar. Yırtma sorunlarını çok sert ahşaplarda yönlendirme ucundan veya çapraz tanecikten korumak için bu ucu kullanın.



Kod No.	A mm	B mm	C mm	D mm	L mm	Z
1 151606	6.35	19	6	32	55	2
2 151808/151813	8	25	8	32	60	2
3 1518589-1/151889A	19.05	50.8	8	40	91	2
4 1512589	19.05	50.8	12	40	91	2
5 150251	12.7	38.1	12	40	82	3
6 151261	12.7	50.8	12	40	95	2


CNC FREZELER
RULMANLI FREZELER
PROFİL FREZELER
TESTERE
İŞKENCE
152 ALT RULMANLI KENAR TEMİZLEME FREZESİ
HW/Z2/RH

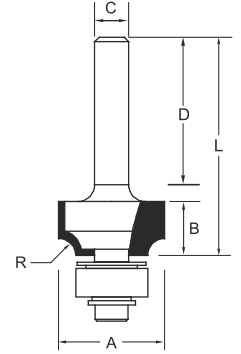

Düzeltme bıçaklarına birçok açıdan benzer. Şablon çalışmalarında çalışılan malzemenin üzerinde elle yönlendirilerek kullanılır.



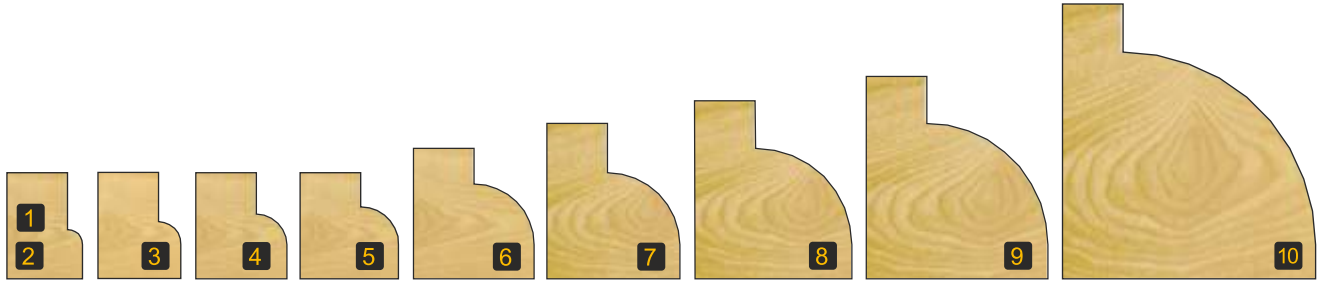
Kod No.	A mm	B mm	C mm	D mm	L mm
1 152816	12	25	8	32	61
2 152237BR	19.05	50	12	32	92

301 RULMANLI KÖŞE RADÜS FREZESİ
HW/Z2/RH


Kod No.	A mm	B mm	C mm	D mm	L mm	R mm
1 301609	16.7	9.5	6	32	41.5	2
2 301806	16.7	9.5	8	32	41.5	2
3 301610	18.7	9.5	6	32	41.5	3
4 301820	20.7	9.5	8	32	41.5	4
5 301825	22.7	9.5	8	32	41.5	5
6 301843	28.6	12.7	8	32	44.7	8
7 301851	31.8	15.9	8	32	47.9	9.53
8 301861	38.1	19	8	32	51	12.7
9 301273	44.7	22	12	40	62	16
10 301293	63.5	31.8	12	45	76.8	25.4



İki oluklu, karbür, tamamen kapalı bilyalı rulman kılavuzları ile birliktedir.
Dekoratif kenarlar için idealdir. Düz yuvarlak kenarlar üretir.
Düşük derinlik ayarı dekoratif bir boncuk üretecektir.
Ayrıca yaprak tablası ek yeri, kalıplama vb. için kullanılır.

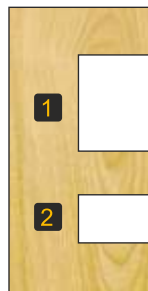


Drawings are 1:1 scale

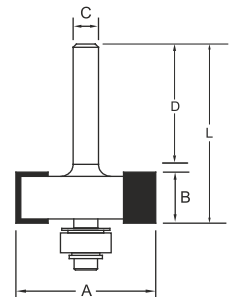
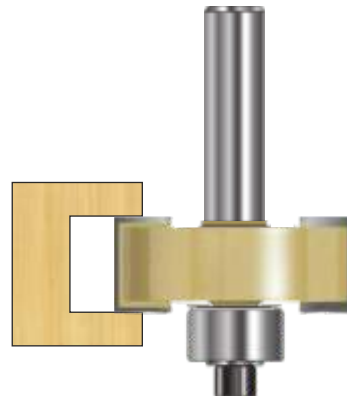
307 RULMANLI KANAL FREZESİ
HW/Z2/RH


Kod No.	A mm	B mm	C mm	D mm	L mm
1 307863/307811A	31.8	12.7	8	32	44.7
2 307831	31.8	6.35	8	32	45.4

İki oluklu, karbür, tamamen kapalı bilyalı yatak kılavuzu ile gösterilmiştir.
Tersane derzlerinde, dil ve oluk derzlerinde, T-pervazlarda, çıkıtta vb.



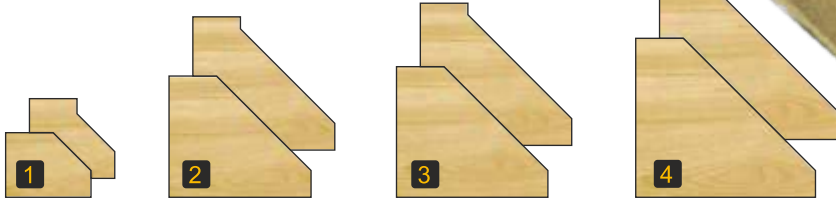
Drawings are 1:1 scale



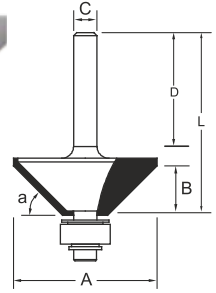
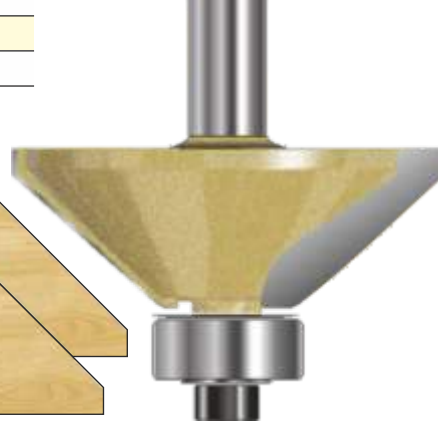
306 RULMANLI 45° KÖŞE TEMİZLEME FREZESİ
HW/Z2/RH


Kod No.	A mm	B mm	C mm	D mm	L mm	α
1 306811	25.4	9.5	8	32	41.5	45°
2 306851	44.5	18.5	8	32	50.5	45°
3 306261	47.62	20	12	40	60	45°
4 306271	57.15	22.83	12	40	64.7	45°

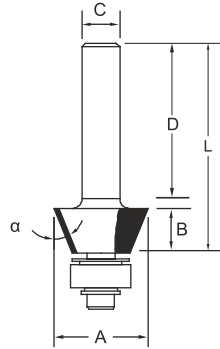
İki oluklu, karbür, değiştirilebilir bilyalı rulmana sahiptir. Eğimli ve dekoratif kenarlar için idealdir. Ayrıca, mitre için 45° kenar üretmek için kullanılır.



Drawings are 1:1 scale


156 RULMANLI 25° KÖŞE TEMİZLEME FREZESİ
HW/Z2/RH


Kod No.	A mm	B mm	C mm	D mm	L mm	α
1 156841	21	9.53	8	32	41.5	25°



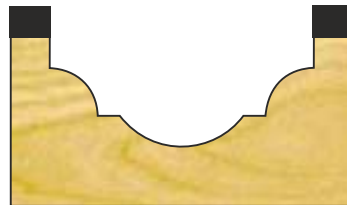
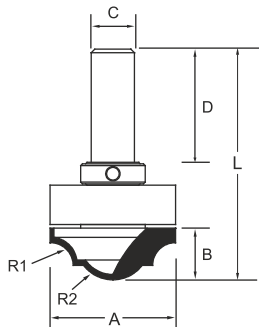
İki oluklu konik kesim kesici. Hassas kesim, kenar işleme ve temiz kesim için mükemmeldir.



Drawings are 1:1 scale

222 RULMANLI PROFİL FREZE
HW/Z2/RH


Kod No.	A mm	B mm	C mm	D mm	L mm	R1 mm	R2 mm
1 222831	35	14.4	8	32	64.8	6.35	10.32



Drawings are 1:1 scale



CNC FREZELER

RULMANLI FREZELER

PROFİL FREZELER

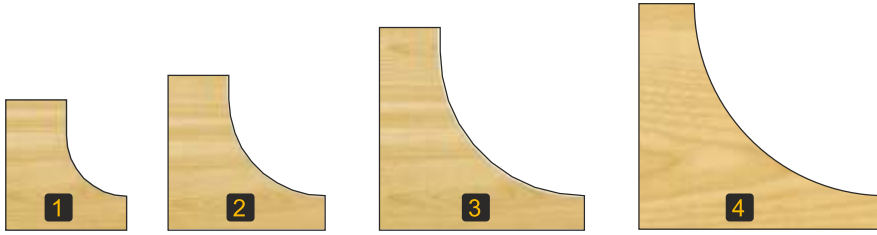
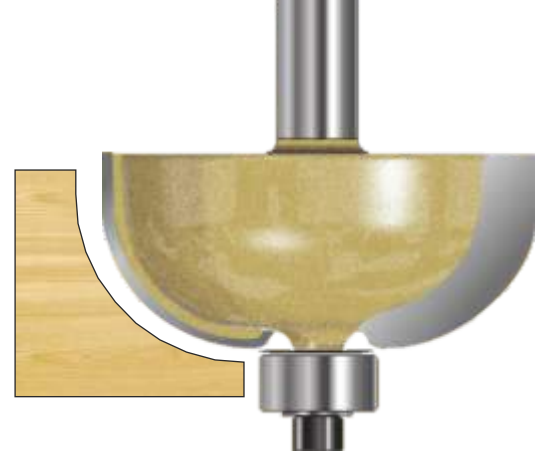
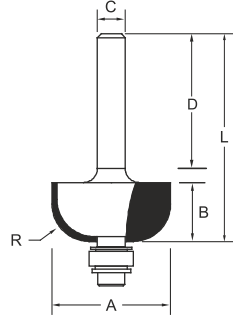
TESTERE

İŞKENCE

305 RULMANLI PROFİL FREZE
HW/Z2/RH


Kod No.	A mm	B mm	C mm	D mm	L mm	R mm
1 305828	25.5	12.7	8	32	44.7	8
2 305841	34.9	15.88	8	32	47.9	12.7
3 305261	47.6	22.2	12	40	62.2	19.05
4 305281	63.5	25.4	12	40	65.4	25.4

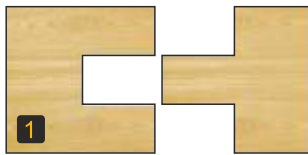
Değiştirilebilir yataklı iki oluk koy kesici.
Dekoratif kenarlar için idealdir.
Ayrıca dropleaf masa bağlantıları, pervaz
ve daha fazlası için de kullanılır.



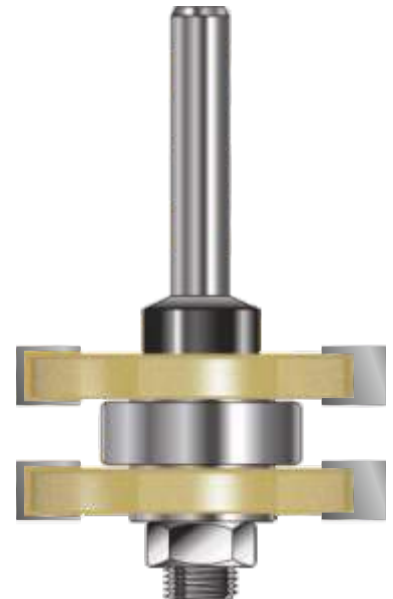
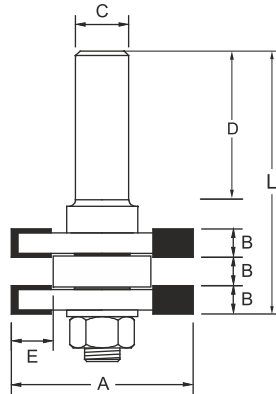
Drawings are 1:1 scale

609 ZIVANA AÇMA FREZESİ
HW/Z2/RH


Kod No.	A mm	B mm	C mm	D mm	E mm	L mm
1 609211	41	6.4	12	40	9.5	74

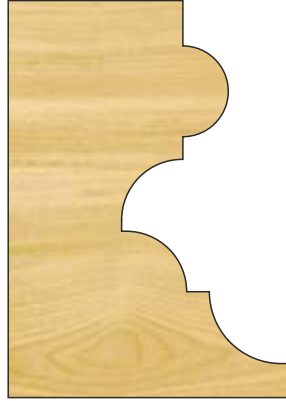
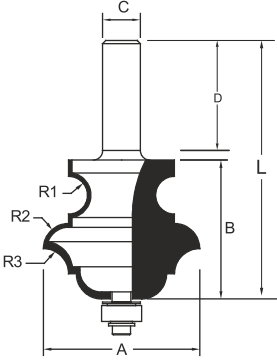


Drawings are 1:1 scale

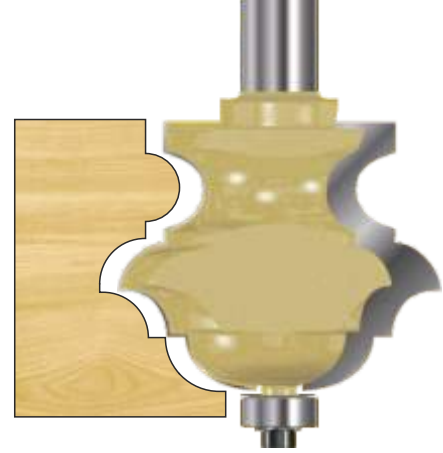


353 TAÇ PROFİL FREZE
HW/Z2/RH

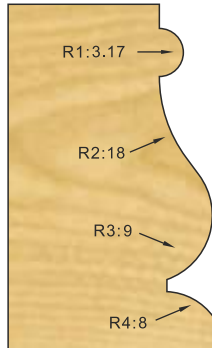
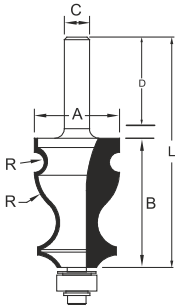

Kod No.	A mm	B mm	C mm	D mm	L mm	R1 mm	R2 mm	R3 mm
1 353221	49.7	44.2	12	40	84.2	6	8	8



Drawings are 1:1 scale


351 TAÇ PROFİL FREZE
HW/Z2/RH

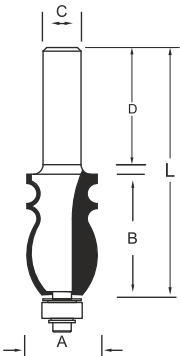

Kod No.	A mm	B mm	C mm	D mm	L mm	R1 mm	R2 mm	R3 mm	R4 mm
1 351231	27	41.5	12	40	81.5	3.17	18	9	8



Drawings are 1:1 scale


A110 TAÇ PROFİL FREZE
HW/Z2/RH


Kod No.	A mm	B mm	C mm	D mm	L mm
1 A1103218	22.22	38.1	12	40	78.1



Drawings are 1:1 scale



CNC FREZELER

RULMANLI FREZELER

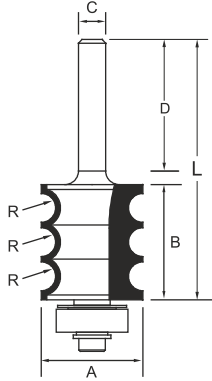
PROFİL FREZELER

TESTERE

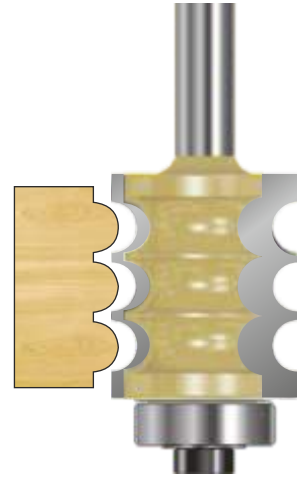
İŞKENCE

323 TAÇ PROFİL FREZE
HW/Z2/RH

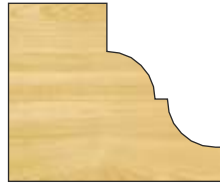
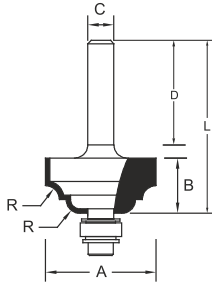
Kod No.	A mm	B mm	C mm	D mm	L mm	R mm
1 323811	22.2	25.4	8	32	57.4	3.18



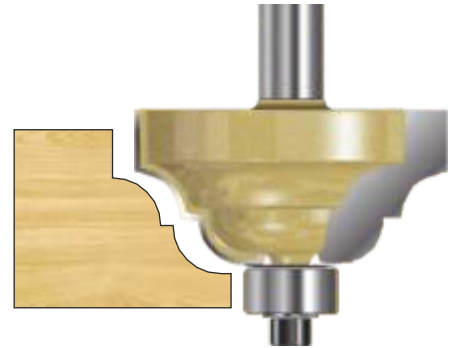
Drawings are 1:1 scale


312 RULMANLI PROFİL FREZE
HW/Z2/RH

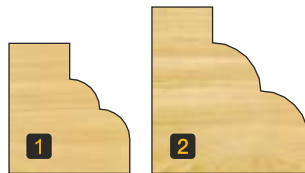
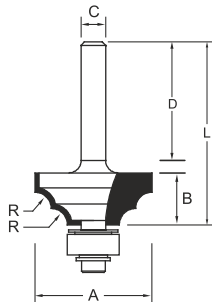
Kod No.	A mm	B mm	C mm	D mm	L mm	R mm
1 312231	38.1	19.05	12	40	60	6.35



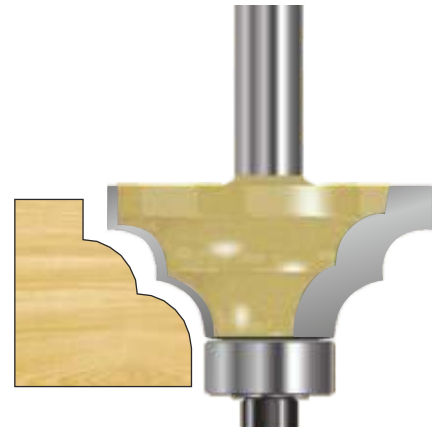
Drawings are 1:1 scale


303 RULMANLI PROFİL FREZE
HW/Z2/RH

Kod No.	A mm	B mm	C mm	D mm	L mm	R mm
1 303231	38.1	17.46	12	40	57.5	6.35
2 303811	28.6	12.7	8	32	44.7	3.97

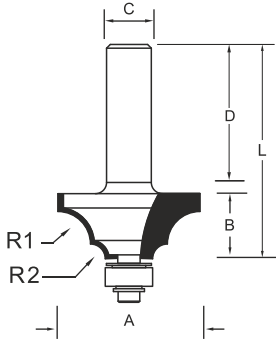


Drawings are 1:1 scale



A082 RULMANLI PROFİL FREZE
HW/Z2/RH


Kod No.	A mm	B mm	C mm	D mm	L mm	R1 mm	R2 mm
1 A0820178	38.1	17.46	12	40	57.5	8.72	3.96



Drawings are 1:1 scale

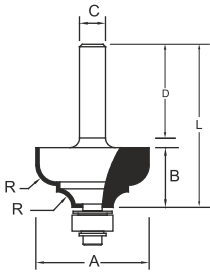


CNC FREZELER

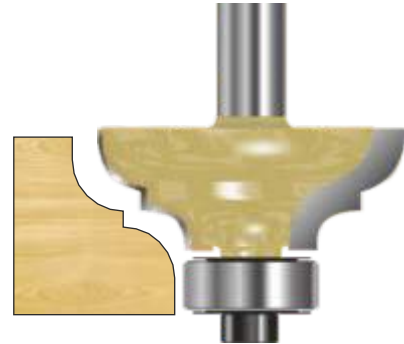
RULMANLI FREZELER

311 RULMANLI PROFİL FREZE
HW/Z2/RH


Kod No.	A mm	B mm	C mm	D mm	L mm	R mm
1 311831	38.1	17.5	8	32	49.5	6.35



Drawings are 1:1 scale

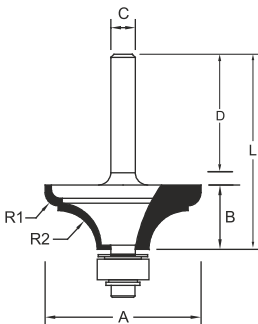


PROFİL FREZELER

TESTERE

315 RULMANLI PROFİL FREZE
HW/Z2/RH


Kod No.	A mm	B mm	C mm	D mm	L mm	R1 mm	R2 mm
1 315211	38.1	15.8	12	40	55.8	3.18	9.53



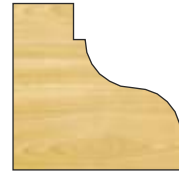
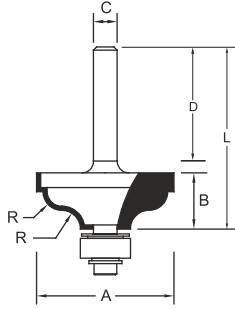
Drawings are 1:1 scale



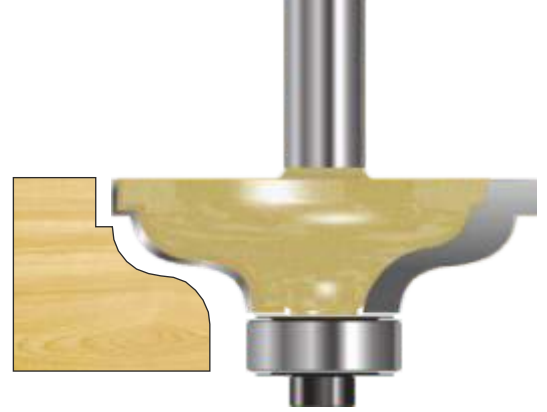
İŞKENCE

310 RULMANLI PROFİL FREZE
HW/Z2/RH

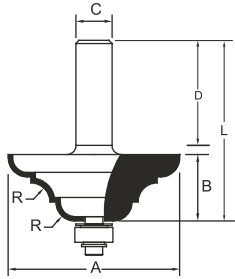

Kod No.	A mm	B mm	C mm	D mm	L mm	R mm
1 310221	41.3	17.5	12	40	57.5	6.35



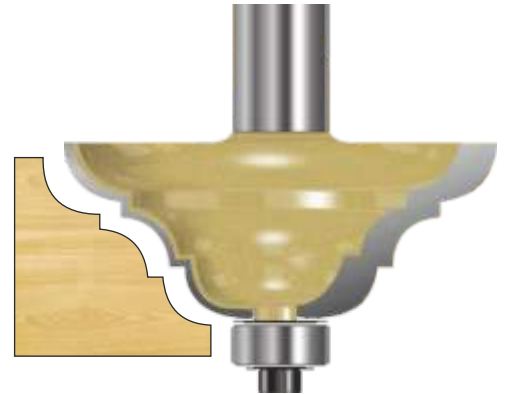
Drawings are 1:1 scale


357 RULMANLI PROFİL FREZE
HW/Z2/RH

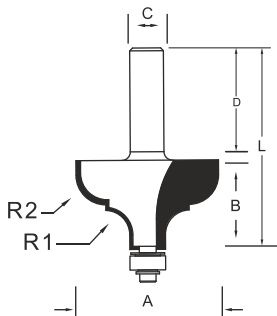

Kod No.	A mm	B mm	C mm	D mm	L mm	R mm
1 357231	57.2	22.2	12	40	62.2	6.35



Drawings are 1:1 scale


A0809 RULMANLI PROFİL FREZE
HW/Z2/RH


Kod No.	A mm	B mm	C mm	D mm	L mm	R1 mm	R2 mm
1 A0809018	50.8	31.75	12	40	71.8	8.73	10.55

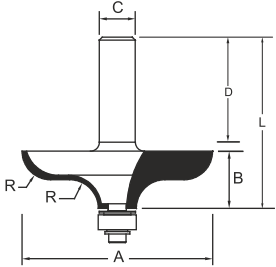


Drawings are 1:1 scale



357 RULMANLI PROFİL FREZE
HW/Z2/RH


Kod No.	A mm	B mm	C mm	D mm	L mm	R mm
1 357241	63.5	19.05	12	40	59	9.53



Drawings are 1:1 scale

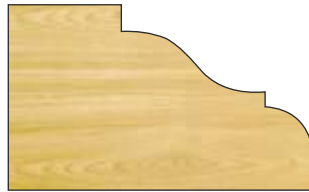
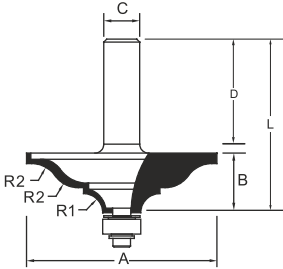


CNC FREZELER

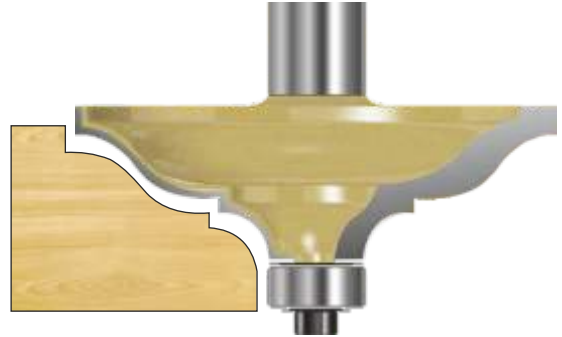
RULMANLI FREZELER

357 RULMANLI PROFİL FREZE
HW/Z2/RH


Kod No.	A mm	B mm	C mm	D mm	L mm	R1 mm	R2 mm
1 357251	63.5	19.85	12	40	59.9	6.35	9.53



Drawings are 1:1 scale

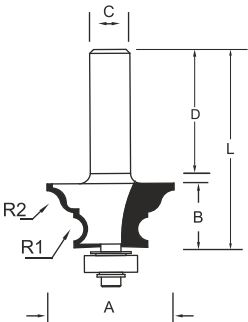


PROFİL FREZELER

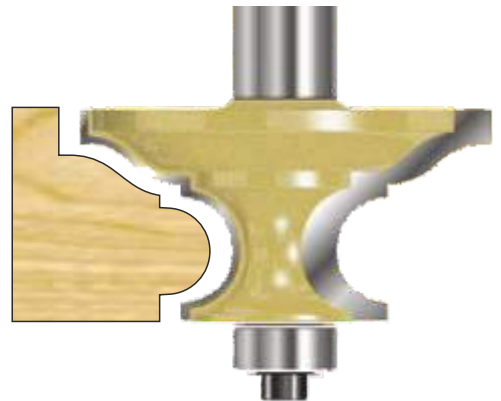
TESTERE

A112 RULMANLI PROFİL FREZE
HW/Z2/RH


Kod No.	A mm	B mm	C mm	D mm	L mm	R1 mm	R2 mm
1 A1120038	37.8	19.1	12	40	59.1	3.57	4.36



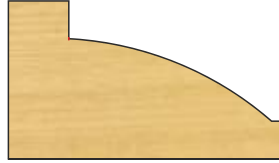
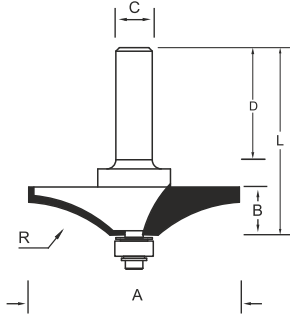
Drawings are 1:1 scale



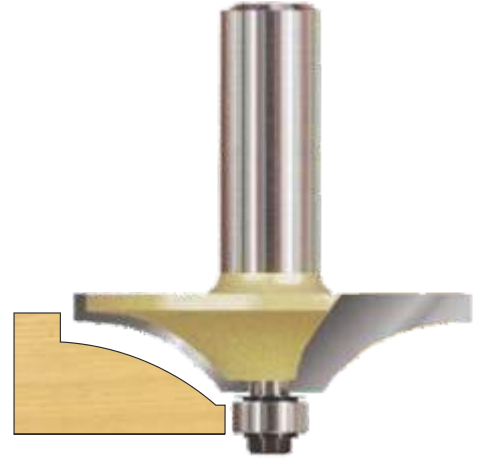
İŞKENCE

A120 RULMANLI PROFİL FREZE
HW/Z2/RH

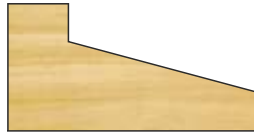
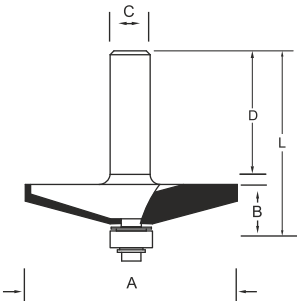
Kod No.	A mm	B mm	C mm	D mm	L mm	R mm
1 A1201198	69.54	15.9	12	40	61.9	44.5



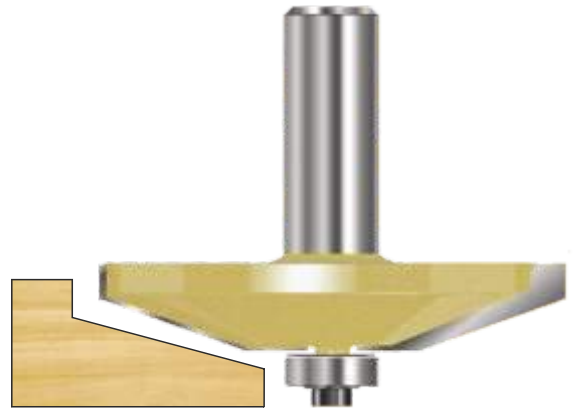
Drawings are 1:1 scale


A1210 RULMANLI PROFİL FREZE
HW/Z2/RH

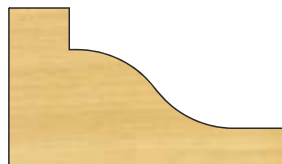
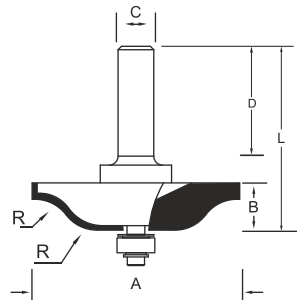
Kod No.	A mm	B mm	C mm	D mm	L mm	α
1 A1210498	63.5	11.81	12	40	51.8	15°



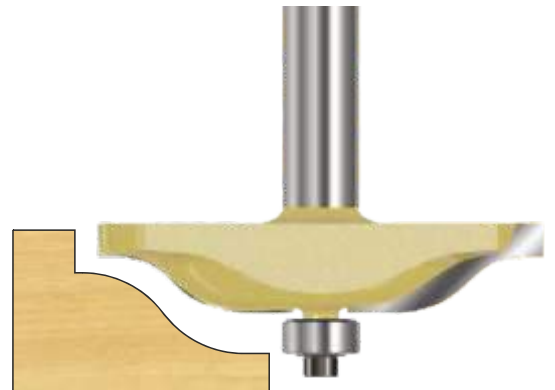
Drawings are 1:1 scale


A1213 RULMANLI PROFİL FREZE
HW/Z2/RH

Kod No.	A mm	B mm	C mm	D mm	L mm	R mm
1 A1213078	69.9	15.9	12	40	61.9	13



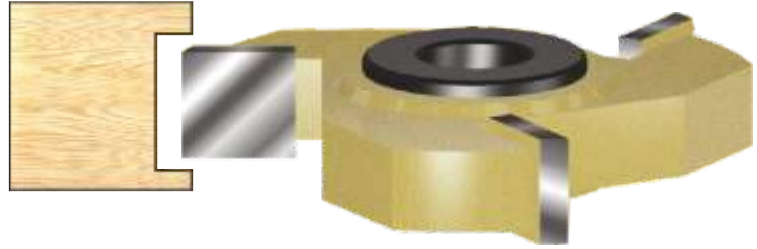
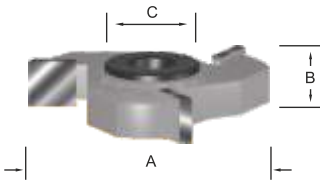
Drawings are 1:1 scale



801 AHŞAP PROFİL FREZE
HW/Z3

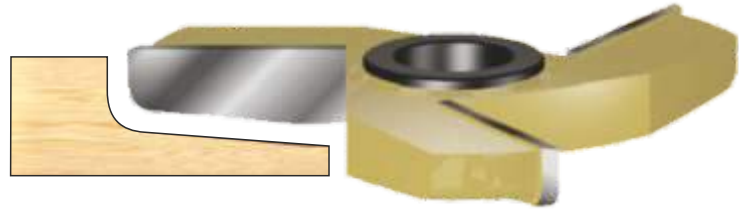
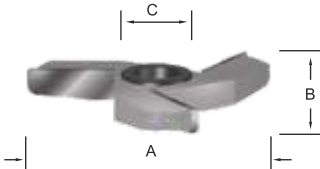
Kod No.	A mm	B mm	C mm
1 801218	125	6	30/35
2 801225	125	8	30/35
3 801235	125	10	30/35
4 801238	125	12	30/35

Göbekli profil freze bıçakları, Planya makinesine bağlanarak profil şeklindeki ahşap ve mdf gibi malzemelere model vermenizi sağlar


CNC FREZELER
RULMANLI FREZELER
861 AHŞAP PROFİL FREZE
HW/Z3

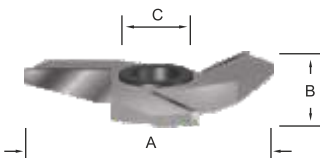
Kod No.	A mm	B mm	C mm
1 861660	160	15.88	30/35

Göbekli profil freze bıçakları, Planya makinesine bağlanarak profil şeklindeki ahşap ve mdf gibi malzemelere model vermenizi sağlar


PROFİL FREZELER
862 AHŞAP PROFİL FREZE
HW/Z3

Kod No.	A mm	B mm	C mm
1 862660	160	15.88	30/35

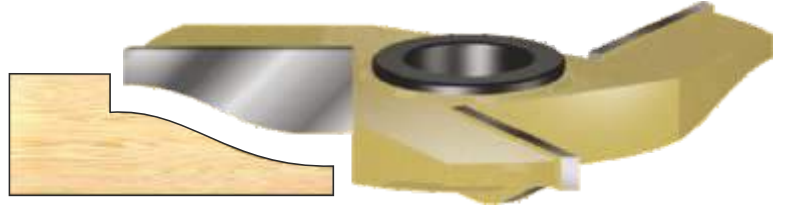
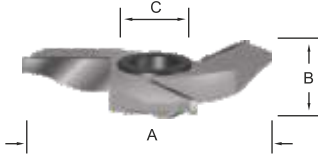
Göbekli profil freze bıçakları, Planya makinesine bağlanarak profil şeklindeki ahşap ve mdf gibi malzemelere model vermenizi sağlar


TESTERE
İŞKENCE

863 AHŞAP PROFİL FREZE
HW/Z3

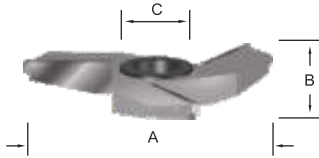
Kod No.	A mm	B mm	C mm
1 863660	160	15.88	30/35

Göbekli profil freze bıçakları, Planya makinesine bağlanarak profil şeklindeki ahşap ve mdf gibi malzemelere model vermenizi sağlar


864 AHŞAP PROFİL FREZE
HW/Z3

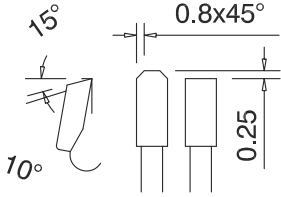
Kod No.	A mm	B mm	C mm
1 864660	160	15.88	30/35

Göbekli profil freze bıçakları, Planya makinesine bağlanarak profil şeklindeki ahşap ve mdf gibi malzemelere model vermenizi sağlar



201TCG MDF-LAM&SUNTA LAM KESİM

Kod No.	D mm	S mm	d mm	Z mm
1 20125080TCG	250	3.2	30+2	80
2 20130096TCG	300	3.2	30+2	96
3 201350108TCG	350	3.5	30+2	108

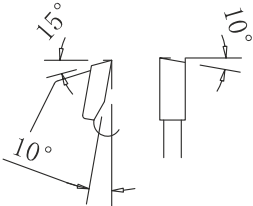


CNC FREZELER

RULMANLI FREZELER

101ATB HAM SUNTA&MASİF&KAPLAMA KESİM

Kod No.	D mm	S mm	d mm	Z mm
1 10125048ATB	250	3.2	30+2	48
2 10125060ATB	250	3.2	30+2	60
3 10130048ATB	300	3.2	30+2	48
4 10130072ATB	300	3.2	30+2	72
5 10130096ATB	300	3.2	30+2	96
6 10135072ATB	350	3.5	30+2	72



PROFİL FREZELER

TESTERE

301/401 KONİK / AYARLI ÇİZİCİ

Kod No.	D mm	S mm	d mm	Z mm
1 3011202420	120	3.1/4.3	20	24
2 40112012D20	120	2.8/3.6	20	12+12



İŞKENCE

EC-180 İŞKENCE-SIKIŞTIRMA 180 KG

Kod No.	Sıkıştırma Aralığı (mm)	Boğaz Derinliği (mm)	Genişleme Aralığı (mm)
1 EC-2015	175	88	190-430
2 EC-2030	325	88	190-582
3 EC-2045	495	88	190-750
4 EC-2060	635	88	190-880
5 EC-2090	940	88	190-1190

↓
180kg
↑


EC-300 İŞKENCE-SIKIŞTIRMA 300 KG

Kod No.	Sıkıştırma Aralığı (mm)	Boğaz Derinliği (mm)	Genişleme Aralığı (mm)
1 EC-06	150	95	210-420
2 EC-12	300	95	210-580
3 EC-18	450	95	210-730
4 EC-24	600	95	210-880
5 EC-36	900	95	210-1180

↓
300kg
↑


1. Enerji Tasarrufu Mekanizması

Orta görev: 3 kolay kulpları üzerinde 120 kg sıkıştırma kuvveti oluşturmak için. Gelişmiş patent mekanizması 150 kg sürekli sıkma kuvveti sunar. Ağır: Patent "Enerji Tasarrufu mekanizması" kolayca daha fazla basınç ve daha uzun tutun. Maksimum 300 kgs sıkma kuvveti.

2. Çıkarılabilir Yumuşak Pedler PVC yumuşak pedler basıncı emer ve yüzeyde herhangi bir iz bırakmadan nesneyi sıkıca korur. Eşit dağıtılmış sıkma kuvveti için düz yüz pedleri.

3. Hızlı Değişim Düğmesi

Hızlı değişen bir düğme, kullanıcıların sadece bir itme içinde yayılan sıkma işlevini değiştirmek için izin verir.

4. Güvenli Ve Kolay Yayın Tetik

Yeni "patlayıcı olmayan" mekanizma, yüksek sıkıştırma basıncını serbest bırakmanın güvenli ve kolay bir yolunu sağlar.

