

RX

CUTTING TOOLS



Akıllı telefonunuz ile QR kodu okutarak
kataloğumuzu inceleyebilirsiniz.



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ÜRÜN KATALOĞU / *PRODUCT CATALOG*

'23

HAKKIMIZDA

Global dünyanın hızla değiştiği bu zamanda siz sanayicilerimizin yanında olmak ve kalıp dünyasında iş partneriniz olmak üzere firmamız 2002 yılında İstanbul'da kurulmuş ve kendini her geçen yıl teknolojiyi yakından takip ederek sizlere daha iyi hizmet verebilmek için kendini sürekli yenileyerek sizlerin yanında olmuştur.

Firmamız, çalışmalarımıza her geçen yıl daha yeni tecrübe ve eski birikimleriyle değer katarak sizlerle büyümeyi hedef kılmıştır. Buna istinaden firmamız 2019 Yılında karbür kesici takımlar imalatına geçiş yapmıştır. Bünyemizdeki Walter Helitronic HMC500, 5 ve 6 eksen makinalarımızla karbür kesici takımlar konusunda standart ve özel form takımlarınız için hızlı termin ve en iyi fiyat garantimizle Savunma sanayi , Otomotiv Sanayi ,ve Kalıpcılık olmak üzere ülkemizin sanayi kuruluşlarına hizmet vermekteyiz.

Birlikte daha iyi ve güçlü büyümeye devam etmek için bu yeni ürün kataloğumuzu sizlere sunmaktan kıvanç duyarız.

ABOUT US

In this time when the global world is changing rapidly, being with our industrialists and staying To be your business partner in the world, our company was established in Istanbul in 2002 and every year, by following the technology closely, to serve you better. has been with you by constantly renewing it.

Our company adds value to our work with its new experience and old knowledge every year. has made it a target to grow with you. Based on this, our company started carbide cutting tools in 2019 switched to production. With our Walter Helitronic HMC500, 5 and 6 axis machines Fast delivery and best service for your standard and special form tools for carbide cutting tools. including Defense Industry, Automotive Industry, and Molding with our price guarantee We serve the industrial establishments of our country.

In order to continue to grow better and stronger together, we will expand this new product catalogue. We are proud to present it to you.

Recep UZUN
General Manager





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CARBIDE END MILLS SERIES
KARBÜR DÜZ FREZE SERİSİ



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CARBIDE NECK MILLS SERIES
KARBÜR FEDER FREZE SERİSİ

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TECHNICAL TABLE 1
TEKNİK TABLO 1



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CARBIDE END LONG MILLS SERIES
KARBÜR DÜZ UZUN FREZE SERİSİ



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6 FLUTE SQUARE END MILLS SERIES
KARBÜR 6 AĞIZLI FREZE SERİSİ

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TECHNICAL TABLE 2
TEKNİK TABLO 2



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CARBIDE BALL NOSE MILLS SERIES
KARBÜR KÜRE FREZE SERİSİ



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CARBIDE ALUMINIUM MILLS SERIES
KARBÜR ALÜMİNYUM FREZE SERİSİ



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CARBIDE BALL NOSE LONG MILLS SERIES
KARBÜR KÜRE UZUN FREZE SERİSİ



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CARBIDE CONICAL MILLS SERIES
KARBÜR KONİK FREZE SERİSİ



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CARBIDE CORNER RADIUS SQUARE MILLS SERIES
KARBÜR KÖŞE RADIUS FREZE SERİSİ



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CARBIDE DRILLS AND REAMER SERIES
KARBÜR MATKAP VE RAYBA SERİSİ



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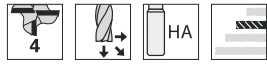
CARBIDE R-CUT MILLS SERIES
KARBÜR R-CUT FREZE SERİSİ



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CARBIDE NC DRILL AND THREAD MILLS SERIES
KARBÜR NC MATKAP VE DİŞ FREZESİ SERİSİ

Code	d1	d2	L2	L1
REM0104	1	4	4	50
REM0154	1,5	4	4	50
REM0204	2	4	6	50
REM0254	2,5	4	6	50
REM0304	3	4	9	50
REM0404	4	4	14	50
REM0504	5	5	15	50
REM0604	6	6	15	50
REM0804	8	8	20	60
REM1004	10	10	21	72
REM1204	12	12	25	75
REM1404	14	14	32	80
REM1604	16	16	32	92
REM1804	18	18	32	100
REM2004	20	20	35	100

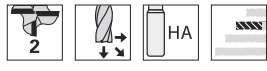
55HRC **4 FLUTE SQUARE END MILLS**

Code	d1	d2	L2	L1
REM0103	1	4	4	50
REM0153	1,5	4	4	50
REM0203	2	4	6	50
REM0253	2,5	4	6	50
REM0303	3	4	9	50
REM0403	4	4	14	50
REM0503	5	5	15	50
REM0603	6	6	15	50
REM0803	8	8	20	60
REM1003	10	10	21	72
REM1203	12	12	25	75
REM1403	14	14	32	80
REM1603	16	16	32	92
REM1803	18	18	32	100
REM2003	20	20	35	100




55HRC **3 FLUTE SQUARE END MILLS**

Code	d1	d2	L2	L1
REM0102	1	4	4	50
REM0152	1,5	4	4	50
REM0202	2	4	6	50
REM0252	2,5	4	6	50
REM0302	3	4	9	50
REM0402	4	4	14	50
REM0502	5	5	15	50
REM0602	6	6	15	50
REM0802	8	8	20	60
REM1002	10	10	21	72
REM1202	12	12	25	75
REM1402	14	14	32	80
REM1602	16	16	32	92
REM1802	18	18	32	100
REM2002	20	20	35	100

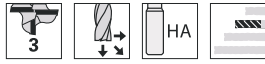



55HRC **2 FLUTE SQUARE END MILLS**

Bu ölçüler dışındaki ürünlerin tamamı özel üretilmektedir.

All of the products other than these sizes are produced specially.

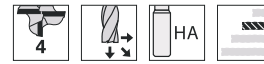
Code	d1	d2	L2	L1
REML0303	3	4	18	75
REML0403	4	4	25	75
REML0503	5	5	25	75
REML0603	6	6	30	75
REML0803	8	8	30	75
REML1003	10	10	40	100
REML1203	12	12	45	100
REML1403	14	14	50	120
REML1603	16	16	60	120
REML1803	18	18	75	150
REML2003	20	20	75	150



3 FLUTE LONG SQUARE END MILLS

55HRC

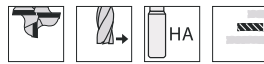
Code	d1	d2	L2	L1
REML0304	3	4	18	75
REML0404	4	4	25	75
REML0504	5	5	25	75
REML0604	6	6	30	75
REML0804	8	8	30	75
REML1004	10	10	40	100
REML1204	12	12	45	100
REML1404	14	14	50	120
REML1604	16	16	60	120
REML1804	18	18	75	150
REML2004	20	20	75	150



4 FLUTE LONG SQUARE END MILLS

55HRC

Code	d1	d2	L2	L1
REML0302	3	4	18	75
REML0402	4	4	25	75
REML0502	5	5	25	75
REML0602	6	6	30	75
REML0802	8	8	30	75
REML1002	10	10	40	100
REML1202	12	12	45	100
REML1402	14	14	50	120
REML1602	16	16	60	120
REML1802	18	18	75	150
REML2002	20	20	75	150



2 FLUTE LONG SQUARE END MILLS

55HRC

Bu ölçüler dışındaki ürünlerin tamamı özel üretilmektedir.

All of the products other than these sizes are produced specially.

Code	d1	d2	L2	L1
RBM0104	1	4	4	50
RBM0154	1,5	4	4	50
RBM0204	2	4	6	50
RBM0254	2,5	4	6	50
RBM0304	3	4	9	50
RBM0404	4	4	14	50
RBM0504	5	5	15	50
RBM0604	6	6	15	50
RBM0804	8	8	20	60
RBM1004	10	10	21	72
RBM1204	12	12	25	75
RBM1404	14	14	32	80
RBM1604	16	16	32	92
RBM1804	18	18	32	100
RBM2004	20	20	35	100



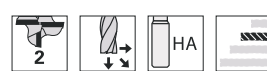

55HRC 4 FLUTE BALL NOSE MILLS

Code	d1	d2	L2	L1
RBM0103	1	4	4	50
RBM0153	1,5	4	4	50
RBM0203	2	4	6	50
RBM0253	2,5	4	6	50
RBM0303	3	4	9	50
RBM0403	4	4	14	50
RBM0503	5	5	15	50
RBM0603	6	6	15	50
RBM0803	8	8	20	60
RBM1003	10	10	21	72
RBM1203	12	12	25	75
RBM1403	14	14	32	80
RBM1603	16	16	32	92
RBM1803	18	18	32	100
RBM2003	20	20	35	100




55HRC 3 FLUTE BALL NOSE MILLS

Code	d1	d2	L2	L1
RBM0102	1	4	4	50
RBM0152	1,5	4	4	50
RBM0202	2	4	6	50
RBM0252	2,5	4	6	50
RBM0302	3	4	9	50
RBM0402	4	4	14	50
RBM0502	5	5	15	50
RBM0602	6	6	15	50
RBM0802	8	8	20	60
RBM1002	10	10	21	72
RBM1202	12	12	25	75
RBM1402	14	14	32	80
RBM1602	16	16	32	92
RBM1802	18	18	32	100
RBM2002	20	20	35	100

55HRC 2 FLUTE BALL NOSE MILLS

Bu ölçüler dışındaki ürünlerin tamamı özel üretilmektedir.

All of the products other than these sizes are produced specially.

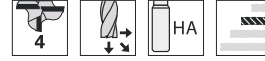
Code	d1	d2	L2	L1
RBML0303	3	4	18	75
RBML0403	4	4	25	75
RBML0503	5	5	25	75
RBML0603	6	6	30	75
RBML0803	8	8	30	75
RBML1003	10	10	40	100
RBML1203	12	12	45	100
RBML1403	14	14	50	120
RBML1603	16	16	60	120
RBML1803	18	18	75	150
RBML2003	20	20	75	150



3 FLUTE LONG BALL NOSE MILLS

55HRC

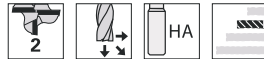
Code	d1	d2	L2	L1
RBML0304	3	4	18	75
RBML0404	4	4	25	75
RBML0504	5	5	25	75
RBML0604	6	6	30	75
RBML0804	8	8	30	75
RBML1004	10	10	40	100
RBML1204	12	12	45	100
RBML1404	14	14	50	120
RBML1604	16	16	60	120
RBML1804	18	18	75	150
RBML2004	20	20	75	150



4 FLUTE LONG BALL NOSE MILLS

55HRC

Code	d1	d2	L2	L1
RBML0302	3	4	18	75
RBML0402	4	4	25	75
RBML0502	5	5	25	75
RBML0602	6	6	30	75
RBML0802	8	8	30	75
RBML1002	10	10	40	100
RBML1202	12	12	45	100
RBML1402	14	14	50	120
RBML1602	16	16	60	120
RBML1802	18	18	75	150
RBML2002	20	20	75	150



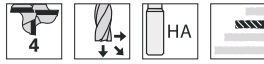
2 FLUTE LONG BALL NOSE MILLS

55HRC

Bu ölçüler dışındaki ürünlerin tamamı özel üretilmektedir.

All of the products other than these sizes are produced specially.

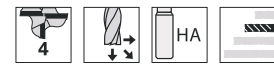
Code	d1	R	d2	L2	L1
RKR0305	3	0.5	3	9	50
RKR0310	3	1.0	3	9	50
RKR0405	4	0.5	4	14	50
RKR0410	4	1.0	4	14	50
RKR0505	5	0.5	5	15	50
RKR0510	5	1.0	5	15	50
RKR0605	6	0.5	6	15	50
RKR0610	6	1.0	6	15	50
RKR0805	8	0.5	8	20	60
RKR0810	8	1.0	8	20	60
RKR1005	10	0.5	10	21	72
RKR1010	10	1.0	10	21	72
RKR1205	12	0.5	12	25	75
RKR1210	12	1.0	12	25	75
RKR1405	14	0.5	14	32	80
RKR1410	14	1.0	14	32	80
RKR1605	16	0.5	16	32	92
RKR1610	16	1.0	16	32	92



55HRC

4 FLUTE CORNER RADIÜS SQUARE MILLS

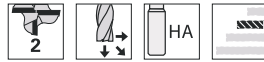
Code	d1	R	d2	L2	L1
RKRL0305	3	0.5	3	18	75
RKRL0310	3	1.0	3	18	75
RKRL0405	4	0.5	4	25	75
RKRL0410	4	1.0	4	25	75
RKRL0505	5	0.5	5	25	75
RKRL0510	5	1.0	5	25	75
RKRL0605	6	0.5	6	30	75
RKRL0610	6	1.0	6	30	75
RKRL0805	8	0.5	8	30	75
RKRL0810	8	1.0	8	30	75
RKRL1005	10	0.5	10	40	100
RKRL1010	10	1.0	10	40	100
RKRL1205	12	0.5	12	40	100
RKRL1210	12	1.0	12	40	100
RKRL1405	14	0.5	14	45	120
RKRL1410	14	1.0	14	45	120
RKRL1605	16	0.5	16	45	120
RKRL1610	16	1.0	16	45	120



4 FLUTE CORNER RADIÜS SQUARE MILLS

55HRC

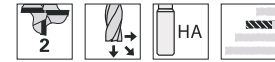
Code	d1	R	d2	L2	L1
RKR0305	3	0.5	3	9	50
RKR0310	3	1.0	3	9	50
RKR0405	4	0.5	4	14	50
RKR0410	4	1.0	4	14	50
RKR0505	5	0.5	5	15	50
RKR0510	5	1.0	5	15	50
RKR0605	6	0.5	6	15	50
RKR0610	6	1.0	6	15	50
RKR0805	8	0.5	8	20	60
RKR0810	8	1.0	8	20	60
RKR1005	10	0.5	10	21	72
RKR1010	10	1.0	10	21	72
RKR1205	12	0.5	12	25	75
RKR1210	12	1.0	12	25	75
RKR1405	14	0.5	14	32	80
RKR1410	14	1.0	14	32	80
RKR1605	16	0.5	16	32	92
RKR1610	16	1.0	16	32	92



55HRC

2 FLUTE CORNER RADIÜS SQUARE MILLS

Code	d1	R	d2	L2	L1
RKRL0305	3	0.5	3	18	75
RKRL0310	3	1.0	3	18	75
RKRL0405	4	0.5	4	25	75
RKRL0410	4	1.0	4	25	75
RKRL0505	5	0.5	5	25	75
RKRL0510	5	1.0	5	25	75
RKRL0605	6	0.5	6	30	75
RKRL0610	6	1.0	6	30	75
RKRL0805	8	0.5	8	30	75
RKRL0810	8	1.0	8	30	75
RKRL1005	10	0.5	10	40	100
RKRL1010	10	1.0	10	40	100
RKRL1205	12	0.5	12	40	100
RKRL1210	12	1.0	12	40	100
RKRL1405	14	0.5	14	45	120
RKRL1410	14	1.0	14	45	120
RKRL1605	16	0.5	16	45	120
RKRL1610	16	1.0	16	45	120



2 FLUTE CORNER RADIÜS SQUARE MILLS

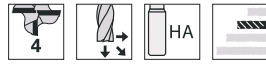
55HRC



Bu ölçüler dışındaki ürünlerin tamamı özel üretilmektedir.

All of the products other than these sizes are produced specially.

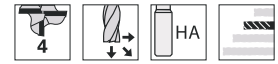
Code	d1	d2	L2	L1
R-CUT0304	3	3	10	50
R-CUT0404	4	4	14	50
R-CUT0504	5	5	15	50
R-CUT0604	6	6	15	50
R-CUT0804	8	8	20	60
R-CUT1004	10	10	21	72
R-CUT1204	12	12	25	75
R-CUT1404	14	14	32	80
R-CUT1604	16	16	32	92
R-CUT1804	18	18	32	100
R-CUT2004	20	20	35	100



55HRC

4 FLUTE R-CUT SQUARE MILLS

Code	d1	d2	L2	L1
R-CUTL0605	6	6	25	75
R-CUTL0805	8	8	30	75
R-CUTL1005	10	10	35	100
R-CUTL1205	12	12	35	100
R-CUTL1405	14	14	40	120
R-CUTL1605	16	16	40	120
R-CUTL2005	20	20	45	150
R-CUTL2505	25	20	50	150
R-CUTL3205	32	32	60	180



4 FLUTE R-CUT LONG SQUARE MILLS

55HRC



BU ölçüler dışındaki ürünlerin tamamı özel üretilmektedir.

All of the products other than these sizes are produced specially.

Code	d1	d2	l	L2	L1
RFEM0106	1	4	1,5	6	50
RFEM0110	1	4	1,5	10	50
RFEM1506	1,5	4	2,5	6	50
RFEM1510	1,5	4	2,5	10	50
RFEM1516	1,5	4	2,5	16	50
RFEM1520	1,5	4	2,5	20	50
RFEM2010	2	4	3	10	50
RFEM2016	2	4	3	16	50
RFEM2020	2	4	3	20	50
RFEM2025	2	4	3	25	50
RFEM3010	3	6	4,5	10	50
RFEM3016	3	6	4,5	16	60
RFEM3020	3	6	4,5	20	60
RFEM3025	3	6	4,5	25	75
RFEM3030	3	6	4,5	30	75
RKNK4016	4	6	6	16	60
RFEM4020	4	6	6	20	75
RFEM4030	4	6	6	30	75
RFEM4040	4	6	6	40	75







55HRC **2 FLUTE NECK END MILLS**

Code	d1	d2	l	L2	L1
RFBM0106	1	4	1,5	6	50
RFBM0110	1	4	1,5	10	50
RFBM1506	1,5	4	2,5	6	50
RFBM1510	1,5	4	2,5	10	50
RFBM1516	1,5	4	2,5	16	50
RFBM1520	1,5	4	2,5	20	50
RFBM2010	2	4	3	10	50
RFBM2016	2	4	3	16	50
RFBM2020	2	4	3	20	50
RFBM2025	2	4	3	25	50
RFBM3010	3	6	4,5	10	50
RFBM3016	3	6	4,5	16	60
RFBM3020	3	6	4,5	20	60
RFBM3025	3	6	4,5	25	75
RFBM3030	3	6	4,5	30	75
RFBM4016	4	6	6	16	60
RFBM4020	4	6	6	20	75
RFBM4030	4	6	6	30	75
RFBM4040	4	6	6	40	75







55HRC **2 FLUTE NECK BALL NOSE MILLS**

Code	d1	d2	l	L2	L1	R
RFEMR010602	1	4	1,5	6	50	0,2
RFEMR011002	1	4	1,5	10	50	0,2
RFEMR150602	1,5	4	2,5	6	50	0,2
RFEMR151002	1,5	4	2,5	10	50	0,2
RFEMR151602	1,5	4	2,5	16	50	0,2
RFEMR152002	1,5	4	2,5	20	50	0,2
RFEMR201002	2	4	3	10	50	0,2
RFEMR201602	2	4	3	16	50	0,2
RFEMR202002	2	4	3	20	50	0,2
RFEMR202502	2	4	3	25	50	0,2
RFEMR301002	3	6	4,5	10	50	0,2
RFEMR301602	3	6	4,5	16	60	0,2
RFEMR302002	3	6	4,5	20	60	0,2
RFEMR302502	3	6	4,5	25	75	0,2
RFEMR303002	3	6	4,5	30	75	0,2
RFEMR401602	4	6	6	16	60	0,2
RFEMR402002	4	6	6	20	75	0,2
RFEMR403002	4	6	6	30	75	0,2
RFEMR404002	4	6	6	40	75	0,2





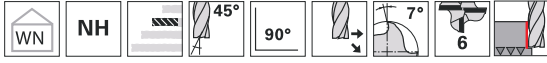


55HRC **2 FLUTE CORNER RADIUS MILLS**

Bu ölçüler dışındaki ürünlerin tamamı özel üretilmektedir.

All of the products other than these sizes are produced specially.

Code	d1	d2	L2	L1
REMX0606	6	6	15	50
REMX0806	8	8	20	60
REMX1006	10	10	21	72
REMX1206	12	12	25	75
REMX1406	14	14	32	80
REMX1606	16	16	32	92
REMX1806	18	18	32	100
REMX2006	20	20	35	100



55HRC

6 FLUTE SQUARE END MILLS

Code	d1	d2	L2	L1
REMXL0606	6	6	30	72
REMXL0806	8	8	40	80
REMXL1006	10	10	42	90
REMXL1206	12	12	50	90
REMXL1406	14	14	64	100
REMXL1606	16	16	64	120
REMXL1806	18	18	64	150
REMXL2006	20	20	70	150



6 FLUTE LONG SQUARE END MILLS

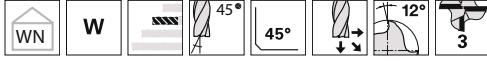
55HRC



Bu ölçüler dışındaki ürünlerin tamamı özel üretilmektedir.

All of the products other than these sizes are produced specially.

Code	d1	d2	L2	L1
RAF0303	3	3	9	50
RAF0403	4	4	14	50
RAF0503	5	5	15	50
RAF0603	6	6	15	50
RAF0803	8	8	20	60
RAF1003	10	10	21	72
RAF1203	12	12	25	75
RAF1403	14	14	32	80
RAF1603	16	16	32	92
RAF1803	18	18	35	100
RAF2003	20	20	35	100



55HRC

3 FLUTE ALUMINIUM END MILLS

Code	d1	d2	L2	L1
RAFL0303	3	3	18	75
RAFL0403	4	4	25	75
RAFL0503	5	5	25	75
RAFL0603	6	6	30	75
RAFL0803	8	8	30	75
RAFL1003	10	10	40	100
RAFL1203	12	12	45	100
RAFL1403	14	14	50	120
RAFL1603	16	16	60	120
RAFL1803	18	18	75	150
RAFL2003	20	20	75	150



3 FLUTE ALUMINIUM LONG END MILLS

55HRC

Code	d1	d2	L2	L1
RAX0301	3	3	6	50
RAX0401	4	4	10	50
RAX0501	5	5	6	50
RAX0601	6	6	10	50
RAX0801	8	8	16	60
RAX1001	10	10	20	72
RAX1201	12	12	10	75
RAX1401	14	14	16	80
RAX1601	16	16	20	92
RAX1801	18	18	25	100



1 FLUTE ALUMINIUM END MILLS

55HRC

Bu ölçüler dışındaki ürünlerin tamamı özel üretilmektedir.

All of the products other than these sizes are produced specially.

Code	d1	d2	I	L2	L1
RKNK0210	2	3	1,0°	20	75
RKNK0310	3	4	1,0°	25	75
RKNK0410	4	5	1,0°	30	75
RKNK0510	5	6	1,0°	30	75
RKNK0610	6	8	1,0°	40	100
RKNK0810	8	10	1,0°	45	100
RKNK1010	10	12	1,0°	45	100
RKNK1210	12	14	1,0°	45	100



55HRC

CONICAL MILLING 1,0° SERIES

Code	d1	d2	I	L2	L1
RKNK0230	2	3	3,0°	20	75
RKNK0330	3	4	3,0°	25	75
RKNK0430	4	5	3,0°	30	75
RKNK0530	5	6	3,0°	30	75
RKNK0630	6	8	3,0°	40	100
RKNK0830	8	10	3,0°	45	100
RKNK1030	10	12	3,0°	45	100
RKNK1230	12	14	3,0°	45	100



CONICAL MILLING 3,0° SERIES

55HRC

Code	d1	d2	I	L2	L1
RKNK0250	2	3	5,0°	20	75
RKNK0350	3	4	5,0°	25	75
RKNK0450	4	5	5,0°	30	75
RKNK0550	5	6	5,0°	30	75
RKNK0650	6	8	5,0°	40	100
RKNK0850	8	10	5,0°	45	100
RKNK1050	10	12	5,0°	45	100
RKNK1250	12	14	5,0°	45	100



CONICAL MILLING 5,0° SERIES

55HRC

Bu ölçüler dışındaki ürünlerin tamamı özel üretilmektedir.

All of the products other than these sizes are produced specially.

Code	d1	d1	L2	L1
RXD0202	2	2	12	40
RXD0252	2,5	3	15	50
RXD0302	3	3	20	60
RXD0352	3,5	4	20	60
RXD0402	4	4	24	63
RXD0452	4,5	5	24	63
RXD0502	5	5	26	63
RXD0552	5,5	6	28	63
RXD0602	6	6	28	63
RXD0652	6,5	7	34	79
RXD0702	7	7	38	79
RXD0752	7,5	8	38	79
RXD0802	8	8	41	79
RXD0852	8,5	9	45	82
RXD1002	10	10	47	89
RXD1052	10,5	12	55	102
RXD1202	12	12	55	102
RXD1402	14	14	60	107
RXD1602	16	16	65	117
RXD1802	18	18	73	123
RXD2002	20	20	79	131







55HRC **CARBIDE DRILLS 3D**

Code	d1	d1	L2	L1
RXDL0202	2	2	18	50
RXDL0252	2,5	3	22	57
RXDL0302	3	3	28	63
RXDL0352	3,5	4	28	66
RXDL0402	4	4	36	76
RXDL0452	4,5	5	36	76
RXDL0502	5	5	44	82
RXDL0552	5,5	6	44	82
RXDL0602	6	6	44	82
RXDL0652	6,5	7	53	91
RXDL0702	7	7	53	91
RXDL0752	7,5	8	53	91
RXDL0802	8	8	53	91
RXDL0852	8,5	9	61	103
RXDL1002	10	10	61	103
RXDL1052	10,5	12	71	118
RXDL1202	12	12	71	118
RXDL1402	14	14	77	124
RXDL1602	16	16	93	133
RXDL1802	18	18	93	143
RXDL2002	20	20	101	160

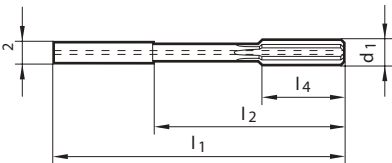






55HRC **CARBIDE DRILLS 5D**

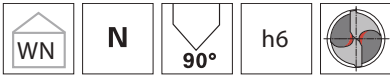
Code	d1	d2	L2	L1
RMR0300	3	3	30	61
RMR0400	4	4	40	75
RMR0500	5	5	46	86
RMR0600	6	6	52	93
RMR0800	8	8	66	117
RMR1000	10	10	76	133
RMR1200	12	12	88	151
RMR1400	14	14	94	160
RMR1600	16	16	104	170
RMR1800	18	18	112	182
RMR2000	20	20	120	195





55HRC **CARBIDE REAMER**

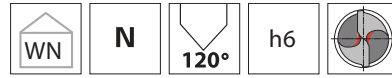
Code	d1	d2	L2	L1
RXNC0490	4	4	12	50
RXNC0590	5	5	12	50
RXNC0690	6	6	14	50
RXNC0890	8	8	16	60
RXNC10090	10	10	22	72
RXNC12090	12	12	26	75
RXNC14090	14	14	26	75
RXNC16090	16	16	30	92
RXNC20090	20	20	36	100



55HRC

NC DRILL 90

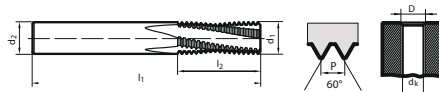
Code	d1	d2	L2	L1
RXNC04120	4	4	12	50
RXNC05120	5	5	12	50
RXNC06120	6	6	14	50
RXNC08120	8	8	16	60
RXNC10120	10	10	22	72
RXNC12120	12	12	26	75
RXNC14120	14	14	26	75
RXNC16120	16	16	30	92
RXNC20120	20	20	36	100



NC DRILL 120

55HRC

Code	P	d1	d2	L2	L1
THRD0303	0,5	M3	6	5	57
THRD0403	0,7	M4	6	7	57
THRD0503	0,8	M5	6	8	57
THRD0603	1	M6	6	13	57
THRD0803	1,25	M8	6	17	65
THRD1004	1,50	M10	8	21	72
THRD1204	1,75	M12	10	26	80
THRD1404	2	M14	10	30	83
THRD1604	2	M16	12	34	92
THRD1805	2,50	M18	14	37	92
THRD2005	2,50	M20	16	42	105



55HRC

THREAD MILLS

Bu ölçüler dışındaki ürünlerin tamamı özel üretilmektedir.

All of the products other than these sizes are produced specially.

P	Çelik, yüksek alaşımı çelikler
M	Paslanmaz çelik
K	Dökme demir, sfero ve temper Döküm
N	Alüminyum ve diğer demir dışı metaller
S	Özel, süper ve titanyum alaşımları
H	Sertleştirilmiş çelik ve soğutulmuş dökme demir

○ bright	● A TiAlN	● P AlCrN	● S Sirius	● Y Signum
● steam tempered	● C TiCN	● S TiN	● F FIRE/nano FIRE	
● nitrided	● Cb Carbo	● M MolyGlide	● a TiAlN nanoA	

Malzeme	VHM Solid carbide finest grain (HM-UF)
Sap form	HA HB to DIN 6535
Standart	DIN 6527 L WN to DIN to Guhring standard
Tip	N W NH HRf
Uygulama	Slotting Roughing Ramping Helix Drilling Finishing Copying
Uzunluk	short (DIN) long (DIN) medium extra length
Kesme ağız sayısı	2 3 4 6 3-4 3-5 no. of major cutting edges
Helis açısı	20° 30° 35° 45° 35° 38° Size of helix angle / no. of different helix angles
Boşluk açısı	-3° 7° 9° 12° 15° Rake angle of circumference cutting edges
Kesici ağız formu	45° 90° R±0,05 Corner chamfer Radius with tolerance
İlerleme	for lateral feed for lateral feed and oblique plunging for lateral feed, oblique plunging and drilling

ISO		P									
Malzeme		Aşışmlı Çelik,Dökme Çelik, Çelikler					Düşük Aşışmlı Çelikler Dölme Çelikler		Yüksek Aşışmlı Çelikler Ve Dökme Çelikler		
		< 0.25 %C	< 0.25 %C	< 0.55 %C	< 0.55 %C	≥ 0.55 %C					
Durum		Sertleştirilmiş	Sertleştirilmiş	Su Verilmiş ve Temperlenmiş	Sertleştirilmiş	Su Verilmiş ve Temperlenmiş	Sertleştirilmiş	Su Verilmiş ve Temperlenmiş	Sertleştirilmiş	Su Verilmiş ve Temperlenmiş	
Kopma Direnci [N/mm ²]		420	650	850	750	1000	600	930	1000	1200	680 1100
Sertlik HB		125	190	250	220	300	200	275	300	350	200 325
Kesme Hızı (m/min)	V min.	210	160	140	140	120	130	100	110	120	110 65
	V max.	230	190	150	150	130	150	110	120	130	130 70

ISO		M			ISO		K					
Malzeme		Stainless steel and Cast Steel			Malzeme		Cast Iron Nodular (GGG)		Grey Cast Iron (GG)		Malleable Cast Iron	
Durum		Feritik / Mertenzitik	Mertenzitik	Öztenik	Durum		Feritik Perlitli	Pearlitic	Perlitli	Perlitli	Feritik	Perlitli
Kopma Direnci [N/mm ²]		680	820	600	Kopma Direnci [N/mm ²]							
Sertlik HB		200	240	180	Sertlik HB		180	260	160	250	130	230
Kesme Hızı (m/min)	V min.	100	60	70	Kesme Hızı (m/min)	V min.	70	110	130	70	130	110
	V max.	170	150	100		V max.	220	200	230	230	230	200

ISO		N							
Malzeme		Alüminyum- Dövme Aşışmlar		Alüminyum Döküm, Aşışmları			Bakır Aşışmlar		
				≤ 12% Si	>12% Si		>1% Pb		
Durum		Sertleştirilmemiş	Sertleştirilmiş	Sertleştirilmemiş	Sertleştirilmiş	Temperlenmiş	Ultra Temperlenmiş	Pirinç	Elektrolit Bakırlar
Kopma Direnci [N/mm ²]									
Sertlik HB		60	100	75	90	130	110	90	100
Kesme Hızı (m/min)	V min.	650	600	650	600	250	310	310	220
	V max.	700	690	700	690	280	350	350	250

ISO		S						
Malzeme		Yüksek Temperlenmiş					Titanyum Aşışmlı	
		Fe Based		Fe Based				
Durum		Tavlanmış	Islah Edilmiş	Tavlanmış	Islah Edilmiş	Döküm		Alpha+beta Aşışm
Kopma Direnci [N/mm ²]							RM400	RM1050
Sertlik HB		200	280	250	350	320		
Kesme Hızı (m/min)	V min.	20	20	20	20	30	30	30
	V max.	30	20	20	20	60	60	60

ISO		H			
Malzeme		Sertleştirilmiş Çelikler		Soğuk Döküm	Döküm
		Sertleştirilmiş		Döküm	Sertleştirilmiş
Durum		Tavlanmış	Sertleştirilmiş	Tavlanmış	Sertleştirilmiş
Kopma Direnci [N/mm ²]					
Sertlik HB		55 HRC	60 HRC	400	55 HRC
Kesme Hızı (m/min)	V min.	30	30	50	30
	V max.	40	30	60	40

Bu ölçüler dışındaki ürünlerin tamamı özel üretilmektedir.

All of the products other than these sizes are produced specially.

RX

CUTTING TOOLS

İkitelli O.S.B. Pıkdökümcüler San. Sit.
Tem34 İş Merkezi Kat: 2 No: 196
Başakşehir / İSTANBUL

+90 212 538 61 84
+90 533 733 47 23

info@realkesicitakim.com
recepuzun@realkesicitakim.com



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