

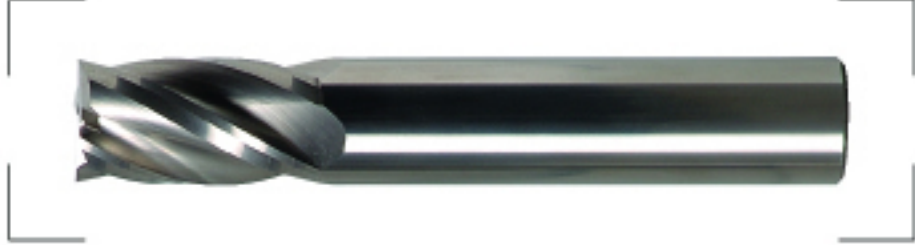
Karbür Düz Alın Freze / Kısa ve Kaplamasız

DIN 6527

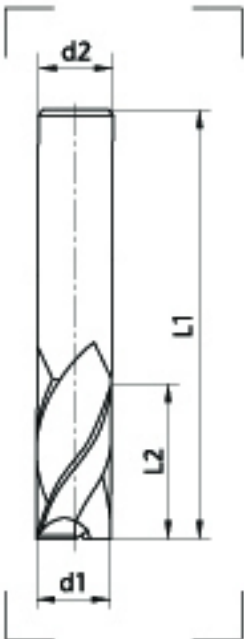
Carbide end Mills / Short & Uncoated

SFS Serisi

SFS Series

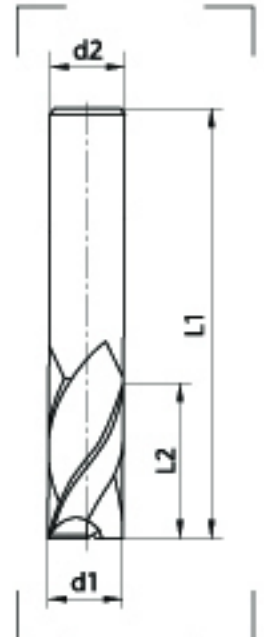


Sipariş Kodu			Teknik Özellikler				Fiyat
Z=2	Z=3	Z=4	Ağız Çapı	Helis Boyu	Şaft Çapı	Tam Boy	
0102	0103	0104	01	07	03	38	17.10 €
0152	0153	0154	1,5	07	03	38	17.10 €
0202	0203	0204	02	07	03	38	16.30 €
0252	0253	0254	2,5	08	03	38	16.10 €
0302	0303	0304	03	08	03	38	15.50 €
0402	0403	0404	04	11	06	57	21.80 €
0502	0503	0504	05	13	06	57	21.50 €
0602	0603	0604	06	13	06	57	19.00 €
0802	0803	0804	08	19	08	63	23.90 €
1002	1003	1004	10	22	10	72	36.00 €
1202	1203	1204	12	26	12	83	51.00 €
1402	1403	1404	14	26	14	83	66.60 €
1602	1603	1604	16	32	16	92	84.50 €
1802	1803	1804	18	32	18	92	130.20 €
2002	2003	2004	20	38	20	104	151.70 €





Sipariş Kodu			Teknik Özellikler				Fiyat
Z=2	Z=3	Z=4	Ağız Çapı	Helis Boyu	Şaft Çapı	Tam Boy	
0102	0103	0104	01	07	03	38	20.10 €
0152	0153	0154	1,5	07	03	38	20.10 €
0202	0203	0204	02	07	03	38	19.30 €
0252	0253	0254	2,5	08	03	38	19.10 €
0302	0303	0304	03	08	03	38	18.50 €
0402	0403	0404	04	11	06	57	26.30 €
0502	0503	0504	05	13	06	57	26.00 €
0602	0603	0604	06	13	06	57	23.50 €
0802	0803	0804	08	19	08	63	29.90 €
1002	1003	1004	10	22	10	72	43.50 €
1202	1203	1204	12	26	12	83	60.75 €
1402	1403	1404	14	26	14	83	76.35 €
1602	1603	1604	16	32	16	92	98.60 €
1802	1803	1804	18	32	18	92	144.30 €
2002	2003	2004	20	38	20	104	165.80 €



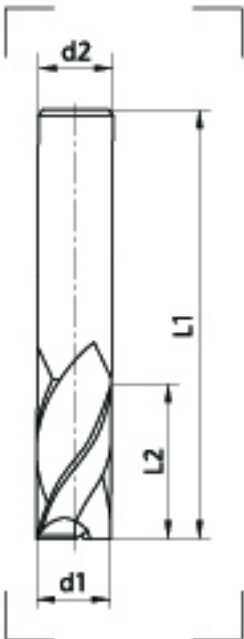
Karbür Düz Alın Freze / Uzun ve Kaplamasız
Carbide end Mills / Long & Uncoated

SAFİR NORMU

SFL Serisi
SFL Series

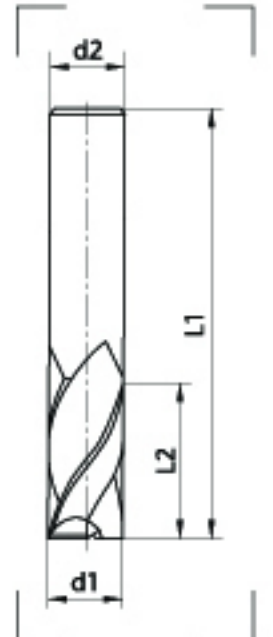


Sipariş Kodu			Teknik Özellikler				Fiyat
Z=2	Z=3	Z=4	Ağız Çapı	Helis Boyu	Şaft Çapı	Tam Boy	
030202	030203	030204	03	20	03	60	25.20 €
040252	040253	040254	04	25	04	75	26.80 €
050302	050303	050304	05	30	05	75	28.80 €
060302	060303	060304	06	30	06	75	30.20 €
080302	080303	080304	08	30	08	75	39.80 €
060402	060403	060404	06	40	06	100	45.30 €
080402	080403	080404	08	40	08	100	49.60 €
100402	100403	100404	10	40	10	100	53.80 €
120452	120453	120454	12	45	12	100	65.10 €
140452	140453	140454	14	45	14	100	92.50 €
160452	160453	160454	16	45	16	100	116.50 €
180452	180453	180454	18	45	18	100	156.60 €
200452	200453	200454	20	45	20	100	178.40 €
100602	100603	100604	10	60	10	150	88.90 €
120602	120603	120604	12	60	12	150	125.60 €
140602	140603	140604	14	60	14	150	138.80 €
160702	160703	160704	16	70	16	150	152.10 €
180702	180703	180704	18	70	18	150	202.80 €
200702	200703	200704	20	70	20	150	214.40 €





Sipariş Kodu			Teknik Özellikler				Fiyat
Z=2	Z=3	Z=4	Ağız Çapı	Helis Boyu	Şaft Çapı	Tam Boy	
030202	030203	030204	03	20	03	60	28.20 €
040252	040253	040254	04	25	04	75	29.80 €
050302	050303	050304	05	30	05	75	31.80 €
060302	060303	060304	06	30	06	75	34.70 €
080302	080303	080304	08	30	08	75	45.80 €
060402	060403	060404	06	40	06	100	49.80 €
080402	080403	080404	08	40	08	100	55.60 €
100402	100403	100404	10	40	10	100	61.30 €
120452	120453	120454	12	45	12	100	74.85 €
140452	140453	140454	14	45	14	100	102.25 €
160452	160453	160454	16	45	16	100	130.60 €
180452	180453	180454	18	45	18	100	170.70 €
200452	200453	200454	20	45	20	100	194.15 €
100602	100603	100604	10	60	10	150	106.15 €
120602	120603	120604	12	60	12	150	142.85 €
140602	140603	140604	14	60	14	150	156.05 €
160702	160703	160704	16	70	16	150	169.35 €
180702	180703	180704	18	70	18	150	222.15 €
200702	200703	200704	20	70	20	150	233.75 €



Karbür Düz Alın Freze / Kısa ve Kaplamasız

DIN 6528

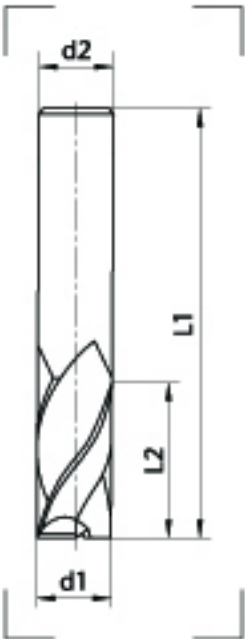
Carbide end Mills / Short & Uncoated

SFX Serisi

SFX Series

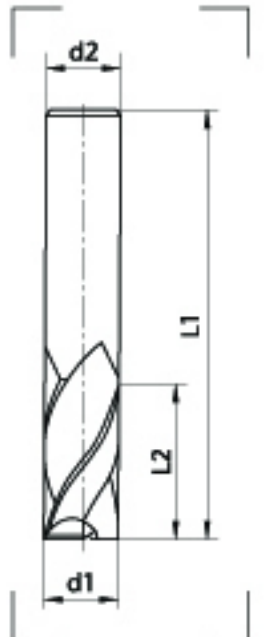


Sipariş Kodu			Teknik Özellikler				Fiyat
Z=2	Z=3	Z=4	Ağız Çapı	Helis Boyu	Şaft Çapı	Tam Boy	
0402	0403	0404	d1 h10	L2	d2 h6	L1	15.20 €
0502	0503	0504	05	13	05	50	16.30 €
0702	0703	0704	07	16	07	60	27.10 €
0902	0903	0904	09	19	09	67	35.00 €
1102	1103	1104	11	26	11	83	43.10 €
1302	1303	1304	13	26	13	83	63.50 €
1502	1503	1504	15	32	15	92	78.00 €
1702	1703	1704	17	32	17	92	128.70 €





Sipariş Kodu			Teknik Özellikler				Fiyat
Z=2	Z=3	Z=4	Ağız Çapı	Helis Boyu	Şaft Çapı	Tam Boy	
0402	0403	0404	04	11	04	50	18.20 €
0502	0503	0504	05	13	05	50	19.30 €
0702	0703	0704	07	16	07	60	33.10 €
0902	0903	0904	09	19	19	67	42.50 €
1102	1103	1104	11	26	11	83	50.60 €
1302	1303	1304	13	26	13	83	73.25 €
1502	1503	1504	15	32	15	92	87.75 €
1702	1703	1704	17	32	17	92	142.80 €



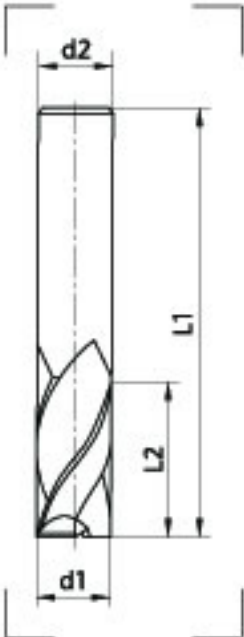
Karbür Düz Alın Freze / Uzun ve Kaplamasız
Carbide end Mills / Long & Uncoated

SAFİR NORMU

SFXL Serisi
SFXL Series

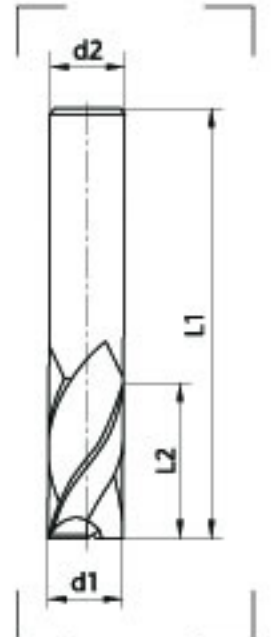


Sipariş Kodu			Teknik Özellikler				Fiyat
Z=2	Z=3	Z=4	Ağız Çapı	Helis Boyu	Şaft Çapı	Tam Boy	
070302	070303	070304	d1 h10	L2	d2 h6	L1	37.90 €
070402	070403	070404	07	40	07	100	47.40 €
090402	090403	090404	09	40	09	100	51.20 €
110402	110403	110404	11	45	11	100	62.40 €
130452	130453	130454	13	45	13	100	87.40 €
150452	150453	150454	15	45	15	100	108.20 €
170452	170453	170454	17	45	17	100	154.10 €
110602	110603	110604	11	60	11	150	119.80 €
130602	130603	130604	13	60	13	150	131.80 €
150702	150703	150704	15	60	15	150	147.60 €
170702	170703	170704	17	70	17	150	195.50 €





Sipariş Kodu			Teknik Özellikler				Fiyat
Z=2	Z=3	Z=4	Ağız Çapı	Helis Boyu	Şaft Çapı	Tam Boy	
070302	070303	070304	07	30	07	75	42.40 €
070402	070403	070404	07	40	07	100	51.90 €
090402	090403	090404	09	40	09	100	57.20 €
110402	110403	110404	11	45	11	100	69.90 €
130452	130453	130454	13	45	13	100	97.15 €
150452	150453	150454	15	45	15	100	117.95 €
170452	170453	170454	17	45	17	100	168.20 €
110602	110603	110604	11	60	11	150	137.05 €
130602	130603	130604	13	60	13	150	149.05 €
150702	150703	150704	15	60	15	150	164.85 €
170702	170703	170704	17	70	17	150	212.75 €



Karbür Radius Alın Freze / Kısa ve Kaplamasız

DIN 6527

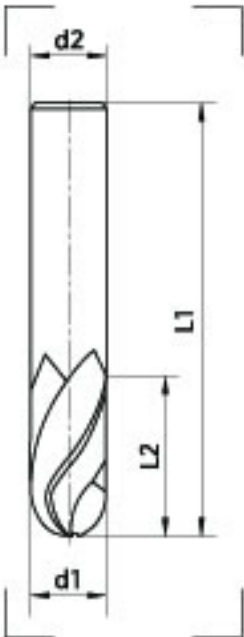
Carbide Ball Nose end Mills / Short & Uncoated

SRS Serisi

SRS Series

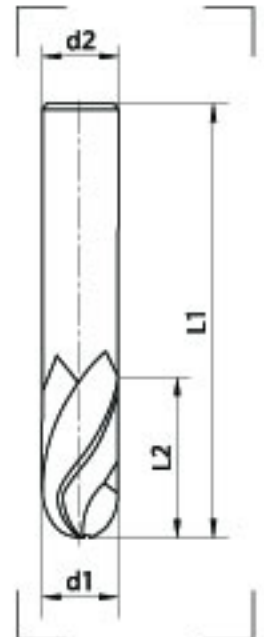


Sipariş Kodu			Teknik Özellikler				Fiyat
Z=2	Z=3	Z=4	Ağız Çapı	Helis Boyu	Şaft Çapı	Tam Boy	
0102	0103	0104	01	07	03	38	22.50 €
0152	0153	0154	1,5	07	03	38	22.50 €
0202	0203	0204	02	07	03	38	20.80 €
0252	0253	0254	2,5	08	03	38	20.10 €
0302	0303	0304	03	08	03	38	16.80 €
0402	0403	0404	04	11	06	57	26.80 €
0502	0503	0504	05	13	06	57	25.20 €
0602	0603	0604	06	13	06	57	22.50 €
0802	0803	0804	08	19	08	63	30.50 €
1002	1003	1004	10	22	10	72	44.20 €
1202	1203	1204	12	26	12	83	58.10 €
1402	1403	1404	14	26	14	83	94.60 €
1602	1603	1604	16	32	16	92	111.50 €
1802	1803	1804	18	32	18	92	145.80 €
2002	2003	2004	20	38	20	104	169.20 €





Sipariş Kodu			Teknik Özellikler				Fiyat
Z=2	Z=3	Z=4	Ağız Çapı	Helis Boyu	Şaft Çapı	Tam Boy	
0102	0103	0104	01	07	03	38	25.50 €
0152	0153	0154	1,5	07	03	38	25.50 €
0202	0203	0204	02	07	03	38	23.80 €
0252	0253	0254	2,5	08	03	38	23.10 €
0302	0303	0304	03	08	03	38	19.80 €
0402	0403	0404	04	11	06	57	31.30 €
0502	0503	0504	05	13	06	57	29.70 €
0602	0603	0604	06	13	06	57	27.00 €
0802	0803	0804	08	19	08	63	36.50 €
1002	1003	1004	10	22	10	72	51.70 €
1202	1203	1204	12	26	12	83	67.85 €
1402	1403	1404	14	26	14	83	104.35 €
1602	1603	1604	16	32	16	92	125.60 €
1802	1803	1804	18	32	18	92	159.90 €
2002	2003	2004	20	38	20	104	184.95 €



Karbür Radius Alın Freze / Uzun ve Kaplamasız

SAFİR NORMU

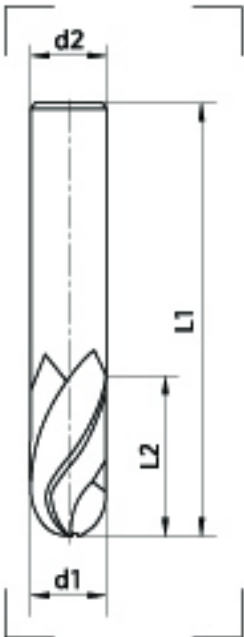
Carbide Ball Nose end Mills / Long & Uncoated

SRL Serisi

SRL Series

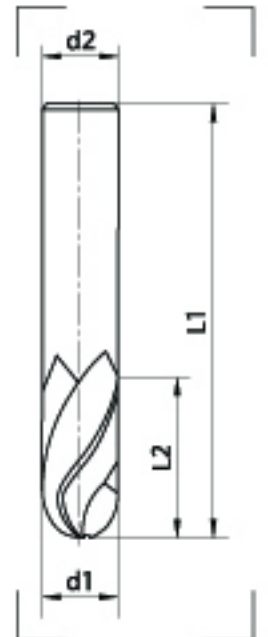


Sipariş Kodu			Teknik Özellikler				Fiyat
Z=2	Z=3	Z=4	Ağız Çapı	Helis Boyu	Şaft Çapı	Tam Boy	
030202	030203	030204	03	20	03	60	27.50 €
040252	040253	040254	04	25	04	75	28.20 €
050302	050303	050304	05	30	05	75	31.50 €
060302	060303	060304	06	30	06	75	34.80 €
080302	080303	080304	08	30	08	75	45.10 €
060402	060403	060404	06	40	06	100	47.10 €
080402	080403	080404	08	40	08	100	56.80 €
100402	100403	100404	10	40	10	100	59.20 €
120452	120453	120454	12	45	12	100	87.40 €
140452	140453	140454	14	45	14	100	106.60 €
160452	160453	160454	16	45	16	100	138.50 €
180452	180453	180454	18	45	18	100	187.60 €
200452	200453	200454	20	45	20	100	215.20 €
100602	100603	100604	10	60	10	150	108.70 €
120602	120603	120604	12	60	12	150	146.50 €
140602	140603	140604	14	60	14	150	164.10 €
160702	160703	160704	16	70	16	150	212.00 €
180702	180703	180704	18	70	18	150	248.80 €
200702	200703	200704	20	70	20	150	312.80 €





Sipariş Kodu			Teknik Özellikler				Fiyat
Z=2	Z=3	Z=4	Ağız Çapı	Helis Boyu	Şaft Çapı	Tam Boy	
030202	030203	030204	03	20	03	60	30.50 €
040252	040253	040254	04	25	04	75	31.20 €
050302	050303	050304	05	30	05	75	34.50 €
060302	060303	060304	06	30	06	75	39.30 €
080302	080303	080304	08	30	08	75	51.10 €
060402	060403	060404	06	40	06	100	51.60 €
080402	080403	080404	08	40	08	100	62.80 €
100402	100403	100404	10	40	10	100	66.70 €
120452	120453	120454	12	45	12	100	97.15 €
140452	140453	140454	14	45	14	100	116.35 €
160452	160453	160454	16	45	16	100	152.60 €
180452	180453	180454	18	45	18	100	201.70 €
200452	200453	200454	20	45	20	100	230.95 €
100602	100603	100604	10	60	10	150	125.95 €
120602	120603	120604	12	60	12	150	163.75 €
140602	140603	140604	14	60	14	150	181.35 €
160702	160703	160704	16	70	16	150	229.25 €
180702	180703	180704	18	70	18	150	268.15 €
200702	200703	200704	20	70	20	150	332.15 €



Karbür Radius Alın Freze / Kısa ve Kaplamasız

DIN 6528

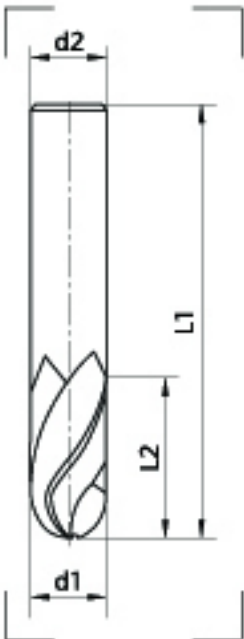
Carbide Ball Nose end Mills / Short & Uncoated

SRX Serisi

SRX Series



Sipariş Kodu			Teknik Özellikler				Fiyat
Z=2	Z=3	Z=4	Ağız Çapı	Helis Boyu	Şaft Çapı	Tam Boy	
0402	0403	0404	d1 h10	L2	d2 h6	L1	18.10 €
0502	0503	0504	05	13	05	50	21.50 €
0702	0703	0704	07	16	07	60	28.20 €
0902	0903	0904	09	19	09	67	42.60 €
1102	1103	1104	11	26	11	83	53.20 €
1302	1303	1304	13	26	13	83	91.40 €
1502	1503	1504	15	32	15	92	109.10 €
1702	1703	1704	17	32	17	92	142.20 €



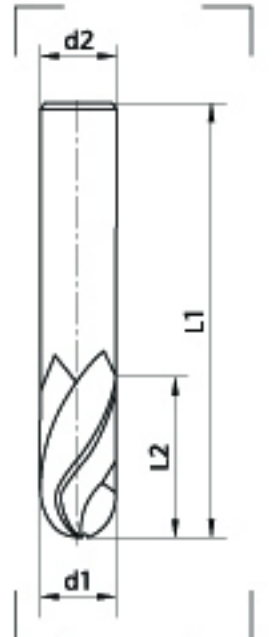
DIN 6528

Karbür Radius Alın Freze / Kısa ve Kaplamalı
Carbide Ball Nose end Mills / Short & Coated

SRXT Serisi
SRXT Series



Sipariş Kodu			Teknik Özellikler				Fiyat
Z=2	Z=3	Z=4	Ağız Çapı	Helis Boyu	Şaft Çapı	Tam Boy	
0402	0403	0404	04	11	04	50	21.10 €
0502	0503	0504	05	13	05	50	24.50 €
0702	0703	0704	07	16	07	60	34.20 €
0902	0903	0904	09	19	19	67	50.10 €
1102	1103	1104	11	26	11	83	60.70 €
1302	1303	1304	13	26	13	83	101.15 €
1502	1503	1504	15	32	15	92	118.85 €
1702	1703	1704	17	32	17	92	156.30 €



Karbür Radius Alın Freze / Uzun ve Kaplamasız

SAFİR NORMU

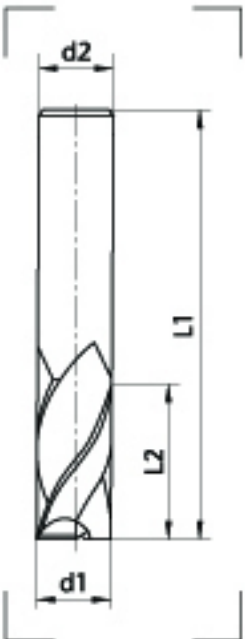
Carbide Ball Nose end Mills / Long & Uncoated

SRXL Serisi

SRXL Series



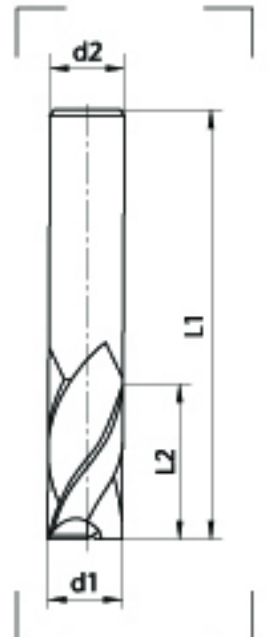
Sipariş Kodu			Teknik Özellikler				Fiyat
Z=2	Z=3	Z=4	Ağız Çapı	Helis Boyu	Şaft Çapı	Tam Boy	
070302	070303	070304	d1 h10	L2	d2 h6	L1	42.70 €
070402	070403	070404	07	40	07	100	52.90 €
090402	090403	090404	09	40	09	100	58.70 €
110452	110453	110454	11	45	11	100	84.80 €
130452	130453	130454	13	45	13	100	99.80 €
150452	150453	150454	15	45	15	100	135.30 €
170452	170453	170454	17	45	17	100	180.20 €
110602	110603	110604	11	60	11	150	142.30 €
130602	130603	130604	13	60	13	150	159.20 €
150702	150703	150704	15	60	15	150	203.90 €
170702	170703	170704	17	70	17	150	243.50 €





SRXLT Serisi
SRXLT Series

Sipariş Kodu			Teknik Özellikler				Fiyat
Z=2	Z=3	Z=4	Ağız Çapı	Helis Boyu	Şaft Çapı	Tam Boy	
070302	070303	070304	d1 h10	L2	d2 h6	L1	48.70 €
070402	070403	070404	07	30	07	75	58.90 €
090402	090403	090404	09	40	09	100	66.20 €
110452	110453	110454	11	45	11	100	94.55 €
130452	130453	130454	13	45	13	100	109.55 €
150452	150453	150454	15	45	15	100	149.40 €
170452	170453	170454	17	45	17	100	194.30 €
110602	110603	110604	11	60	11	150	159.55 €
130602	130603	130604	13	60	13	150	176.45 €
150702	150703	150704	15	60	15	150	221.15 €
170702	170703	170704	17	70	17	150	262.85 €



HSC Karbür Radius Alın Freze / Kısa ve Kaplamalı


SAFİR NORMU

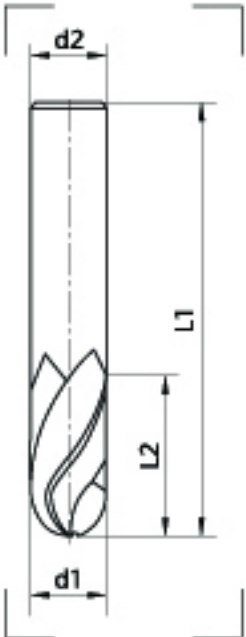
HSC Carbide Ball Nose end Mills / Short & Coated

SSS Serisi


SSS Series

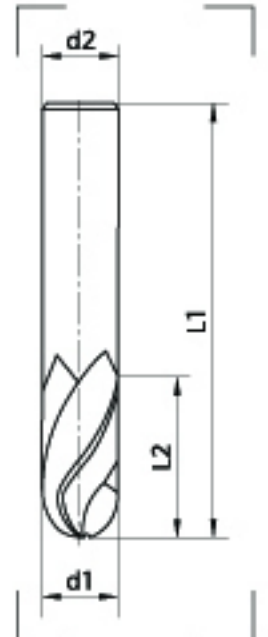


Sipariş Kodu	Teknik Özellikler				
	Ağız Çapı	Helis Boyu	Şaft Çapı	Tam Boy	
Z=2	d1 h10	L2	d2 h6	L1	Fiyat
0102	01	03	03	38	28.40 €
0152	1,5	03	03	38	28.40 €
0152-06	1,5	06	06	57	39.40 €
0202	02	04	03	38	27.00 €
0202-06	02	08	06	57	38.90 €
0252	2,5	04	03	38	27.00 €
0302	03	05	03	38	25.20 €
0302-06	03	10	06	57	38.60 €
0402	04	10	06	57	37.20 €
0502	05	12	06	57	35.90 €
0602	06	15	06	57	33.80 €
0802	08	16	08	63	48.20 €
1002	10	18	10	72	62.40 €
1202	12	20	12	83	90.45 €
1602	16	24	16	92	150.90 €





Sipariş Kodu	Teknik Özellikler				
	Ağız Çapı	Helis Boyu	Şaft Çapı	Tam Boy	
Z=2	d1 h10	L2	d2 h6	L1	Fiyat
0102	01	03	03	60	30.80 €
0152	1,5	03	03	60	30.80 €
0152-06	1,5	06	06	75	42.70 €
0202	02	04	03	60	30.00 €
0202-06	02	08	06	75	45.80 €
0252	2,5	04	03	60	30.00 €
0302	03	05	03	60	27.20 €
0302-06	03	10	06	75	45.40 €
0402	04	10	06	75	40.10 €
0502	05	12	06	75	38.80 €
0602	06	15	06	75	37.60 €
0802	08	16	08	100	54.90 €
1002	10	18	10	100	69.10 €
1202	12	20	12	115	114.95 €
1602	16	24	16	120	183.75 €



Karbür Köşe Radius Freze / Kısa ve Kaplamasız
Carbide Corner Radius end Mills / Short & Uncoated

SAFİR NORMU

SKR Serisi
SKR Series

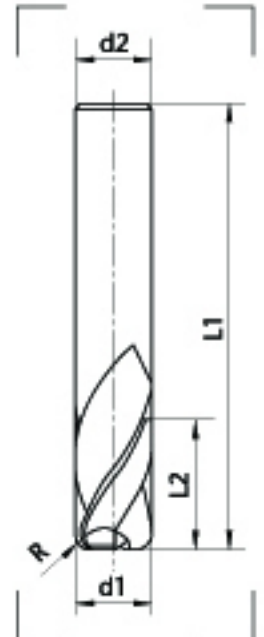


Sipariş Kodu			Köşe Radiüs	Teknik Özellikler				Fiyat
Z=2	Z=3	Z=4		Ağız Çapı d1 h10	Helis Boy L2	Şaft Çapı d2 h6	Tam Boy L1	
0302-05	0303-05	0304-05	0.5	03	08	03	38	20.60 €
0402-05	0403-05	0404-05	0.5	04	11	04	50	21.90 €
0402-10	0403-10	0404-10	1.0	04	11	04	50	21.90 €
0502-05	0503-05	0504-05	0.5	05	12	05	50	24.30 €
0502-10	0503-10	0504-10	1.0	05	12	05	50	24.30 €
0602-05	0603-05	0604-05	0.5	06	14	06	57	26.40 €
0602-10	0603-10	0604-10	1.0	06	14	06	57	26.40 €
0802-05	0803-05	0804-05	0.5	08	19	08	63	32.50 €
0802-10	0803-10	0804-10	1.0	08	19	08	63	32.50 €
0802-20	0803-20	0804-20	2.0	08	19	08	63	32.50 €
1002-05	1003-05	1004-05	0.5	10	16	10	72	49.10 €
1002-10	1003-10	1004-10	1.0	10	16	10	72	49.10 €
1002-20	1003-20	1004-20	2.0	10	16	10	72	49.10 €
1202-05	1203-05	1204-05	0.5	12	18	12	75	64.80 €
1202-10	1203-10	1204-10	1.0	12	18	12	75	64.80 €
1202-20	1203-20	1204-20	2.0	12	18	12	75	64.80 €
1602-05	1603-05	1604-05	0.5	16	20	16	75	110.20 €
1602-10	1603-10	1604-10	1.0	16	20	16	75	110.20 €
1602-20	1603-20	1604-20	2.0	16	20	16	75	110.20 €





Sipariş Kodu			Köşe Radiüs	Teknik Özellikler				Fiyat
Z=2	Z=3	Z=4		Ağız Çapı d1 h10	Helis Boyu L2	Şaft Çapı d2 h6	Tam Boy L1	
0302-05	0303-05	0304-05	0.5	03	08	03	38	23.60 €
0402-05	0403-05	0404-05	0.5	04	11	04	50	24.90 €
0402-10	0403-10	0404-10	1.0	04	11	04	50	24.90 €
0502-05	0503-05	0504-05	0.5	05	12	05	50	27.30 €
0502-10	0503-10	0504-10	1.0	05	12	05	50	27.30 €
0602-05	0603-05	0604-05	0.5	06	14	06	57	30.90 €
0602-10	0603-10	0604-10	1.0	06	14	06	57	30.90 €
0802-05	0803-05	0804-05	0.5	08	19	08	63	38.50 €
0802-10	0803-10	0804-10	1.0	08	19	08	63	38.50 €
0802-20	0803-20	0804-20	2.0	08	19	08	63	38.50 €
1002-05	1003-05	1004-05	0.5	10	16	10	72	56.60 €
1002-10	1003-10	1004-10	1.0	10	16	10	72	56.60 €
1002-20	1003-20	1004-20	2.0	10	16	10	72	56.60 €
1202-05	1203-05	1204-05	0.5	12	18	12	75	74.55 €
1202-10	1203-10	1204-10	1.0	12	18	12	75	74.55 €
1202-20	1203-20	1204-20	2.0	12	18	12	75	74.55 €
1602-05	1603-05	1604-05	0.5	16	20	16	75	124.30 €
1602-10	1603-10	1604-10	1.0	16	20	16	75	124.30 €
1602-20	1603-20	1604-20	2.0	16	20	16	75	124.30 €



Karbür Köşe Radius Freze / Uzun ve Kaplamasız

SAFİR NORMU

Carbide Corner Radius end Mills / Long & Uncoated

SKRL Serisi

SKRL Series

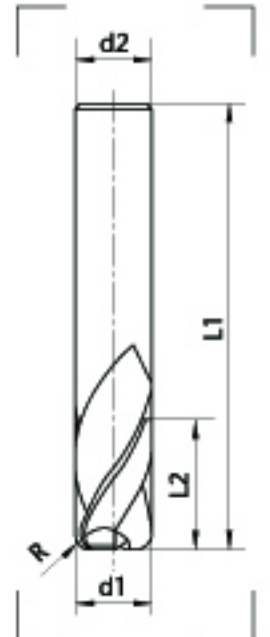


Sipariş Kodu			Köşe Radiüs	Teknik Özellikler				Fiyat
Z=2	Z=3	Z=4		Ağız Çapı d1 h10	Helis Boy L2	Şaft Çapı d2 h6	Tam Boy L1	
0302-05	0303-05	0304-05	0.5	03	10	03	50	30.40 €
0402-05	0403-05	0404-05	0.5	04	11	04	60	33.50 €
0402-10	0403-10	0404-10	1.0	04	11	04	60	33.50 €
0502-05	0503-05	0504-05	0.5	05	12	05	75	35.60 €
0502-10	0503-10	0504-10	1.0	05	12	05	75	35.60 €
0602-05	0603-05	0604-05	0.5	06	14	06	75	37.20 €
0602-10	0603-10	0604-10	1.0	06	14	06	75	37.20 €
0802-05	0803-05	0804-05	0.5	08	17	08	100	47.90 €
0802-10	0803-10	0804-10	1.0	08	17	08	100	47.90 €
0802-20	0803-20	0804-20	2.0	08	17	08	100	47.90 €
1002-05	1003-05	1004-05	0.5	10	20	10	100	64.30 €
1002-10	1003-10	1004-10	1.0	10	20	10	100	64.30 €
1002-20	1003-20	1004-20	2.0	10	20	10	100	64.30 €
1202-05	1203-05	1204-05	0.5	12	23	12	115	85.30 €
1202-10	1203-10	1204-10	1.0	12	23	12	115	85.30 €
1202-20	1203-20	1204-20	2.0	12	23	12	115	85.30 €
1602-05	1603-05	1604-05	0.5	16	30	16	115	140.80 €
1602-10	1603-10	1604-10	1.0	16	30	16	115	140.80 €
1602-20	1603-20	1604-20	2.0	16	30	16	115	140.80 €





Sipariş Kodu			Köşe Radiüs	Teknik Özellikler				Fiyat
Z=2	Z=3	Z=4		Ağız Çapı d1 h10	Helis Boy L2	Şaft Çapı d2 h6	Tam Boy L1	
0302-05	0303-05	0304-05	0.5	03	10	03	50	33.40 €
0402-05	0403-05	0404-05	0.5	04	11	04	60	36.50 €
0402-10	0403-10	0404-10	1.0	04	11	04	60	36.50 €
0502-05	0503-05	0504-05	0.5	05	12	05	75	38.60 €
0502-10	0503-10	0504-10	1.0	05	12	05	75	38.60 €
0602-05	0603-05	0604-05	0.5	06	14	06	75	41.70 €
0602-10	0603-10	0604-10	1.0	06	14	06	75	41.70 €
0802-05	0803-05	0804-05	0.5	08	17	08	100	53.90 €
0802-10	0803-10	0804-10	1.0	08	17	08	100	53.90 €
0802-20	0803-20	0804-20	2.0	08	17	08	100	53.90 €
1002-05	1003-05	1004-05	0.5	10	20	10	100	71.80 €
1002-10	1003-10	1004-10	1.0	10	20	10	100	71.80 €
1002-20	1003-20	1004-20	2.0	10	20	10	100	71.80 €
1202-05	1203-05	1204-05	0.5	12	23	12	115	102.55 €
1202-10	1203-10	1204-10	1.0	12	23	12	115	102.55 €
1202-20	1203-20	1204-20	2.0	12	23	12	115	102.55 €
1602-05	1603-05	1604-05	0.5	16	30	16	115	158.05 €
1602-10	1603-10	1604-10	1.0	16	30	16	115	158.05 €
1602-20	1603-20	1604-20	2.0	16	30	16	115	158.05 €



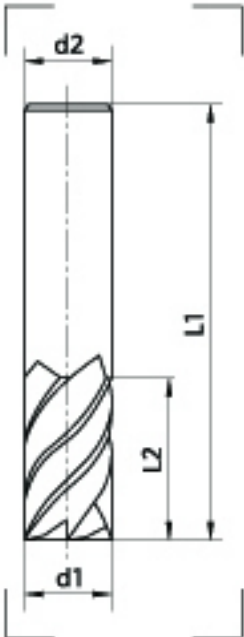
Karbür Düz Alın Hız Freze / Kısa ve Kaplamasız
Carbide Speed end Mills / Short & Uncoated

DIN 6527 L

SHS Serisi
SHS Series



Sipariş Kodu			Teknik Özellikler				Fiyat
Z=6	Z=8	Z=10	Ağız Çapı	Helis Boyu	Şaft Çapı	Tam Boy	
0606	-	-	d1 h10	L2	d2 h6	L1	28.70 €
0806	-	-	08	19	08	63	36.90 €
1006	-	-	10	22	10	72	52.40 €
1206	-	-	12	26	12	83	69.30 €
1406	-	-	14	26	14	83	108.10 €
1606	-	-	16	32	16	92	115.20 €
-	1808	-	18	32	18	92	174.80 €
-	2008	-	20	38	20	104	200.20 €



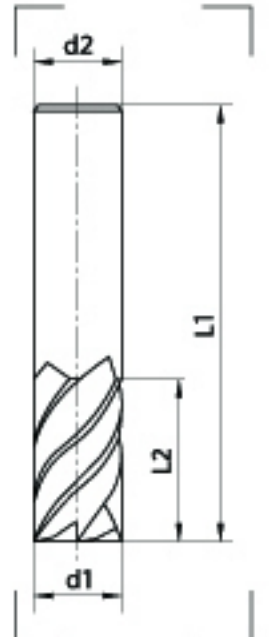
DIN 6527 L

Karbür Radius Alın Hız Freze / Kısa ve Kaplamalı
Carbide Speed end Mills / Short & Coated

SHST Serisi
SHST Series



Sipariş Kodu			Teknik Özellikler				Fiyat
Z=6	Z=8	Z=10	Ağız Çapı	Helis Boyu	Şaft Çapı	Tam Boy	
0606	-	-	06	13	06	57	33.20 €
0806	-	-	08	19	08	63	42.90 €
1006	-	-	10	22	10	72	59.90 €
1206	-	-	12	26	12	83	79.05 €
1406	-	-	14	26	14	83	117.85 €
1606	-	-	16	32	16	92	129.30 €
-	1808	-	18	32	18	92	188.90 €
-	2008	-	20	38	20	104	215.95 €




Karbür Düz Alın Alüminyum Hız Freze / Kısa ve Kaplamasız
Carbide High Speed Cuting / Short & Uncoated

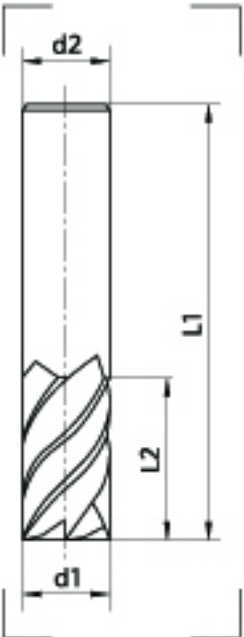
SAFİR NORMU

(alüminyum ve plastik malzemeler)
(for aluminum and plastic materials)

SAS Serisi
SAS Series



Sipariş Kodu	Teknik Özellikler				
	Ağız Çapı	Helis Boyu	Şaft Çapı	Tam Boy	
Z=2	d1 h10	L2	d2 h6	L1	Fiyat
0302	03	10	03	38	17.10 €
0402	04	12	04	50	19.20 €
0502	05	13	05	50	20.10 €
0602	06	13	06	57	22.50 €
0802	08	18	08	60	30.20 €
1002	10	24	10	72	36.60 €
1202	12	26	12	83	50.60 €
1402	14	26	14	83	67.70 €
1602	16	32	16	92	86.80 €
1802	18	32	18	92	134.20 €
2002	20	35	20	100	165.20 €




Karbür Düz Alın Alüminyum Hız Freze / Kısa ve Kaplamasız
Carbide High Speed Cutting / Short & Uncoated

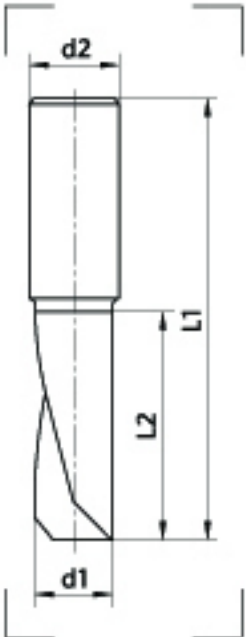
SAFİR NORMU

(alüminyum ve plastik malzemeler)
(for aluminum and plastic materials)

SAS Serisi
SAS Series



Sipariş Kodu	Teknik Özellikler				
	Ağız Çapı	Helis Boyu	Şaft Çapı	Tam Boy	
Z=1	d1 h10	L2	d2 h6	L1	Fiyat
0301	03	10	03	38	23.40 €
0401	04	12	04	50	26.30 €
0501	05	13	05	50	28.20 €
0601	06	13	06	57	31.40 €
0801	08	18	08	60	36.50 €
1001	10	24	10	72	59.40 €
1201	12	26	12	83	110.10 €



SAFİR NORMU

Karbür Düz Alın Alüminyum Hız Freze / Uzun ve Kaplamasız


Carbide High Speed Cuting / Long & Uncoated

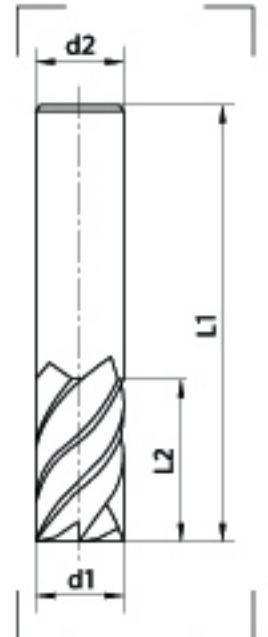
(alüminyum ve plastik malzemeler)
(for aluminium and plastic materials)

SAL Serisi

SAL Series



Sipariş Kodu	Teknik Özellikler				
	Ağız Çapı	Helis Boyu	Şaft Çapı	Tam Boy	
Z=2	d1 h10	L2	d2 h6	L1	Fiyat
0302	03	15	03	60	26.10 €
0402	04	16	04	60	28.50 €
0502	05	18	05	63	30.20 €
0602	06	25	06	75	32.30 €
0802	08	32	08	75	41.60 €
1002	10	40	10	100	60.20 €
1202	12	45	12	100	66.70 €
1402	14	45	14	104	101.80 €
1602	16	45	16	104	134.60 €
1802	18	45	18	104	202.20 €
2002	20	45	20	104	217.60 €



SAFİR NORMU


Karbür Düz Alın Alüminyum Hız Freze / Uzun ve Kaplamsız

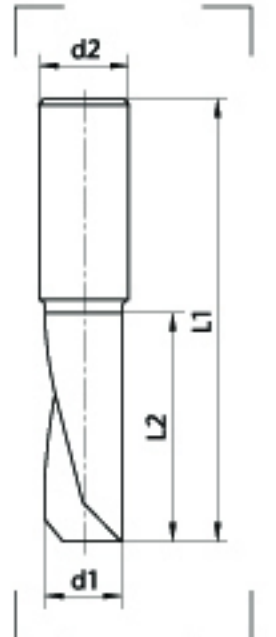
Carbide High Speed Cuting / Long & Uncoated

(alüminyum ve plastik malzemeler)
(for aluminium and plastic materials)

SAL Serisi
SAL Series



Sipariş Kodu	Teknik Özellikler				
	Ağız Çapı	Helis Boyu	Şaft Çapı	Tam Boy	
Z=1	d1 h10	L2	d2 h6	L1	Fiyat
0301	03	15	03	60	28.90 €
0401	04	16	04	60	32.20 €
0501	05	18	05	63	36.60 €
0601	06	25	06	75	41.10 €
0801	08	32	08	75	48.60 €
1001	10	40	10	100	75.20 €
1201	12	45	12	100	145.80 €



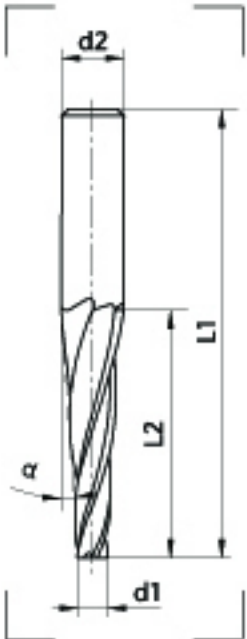
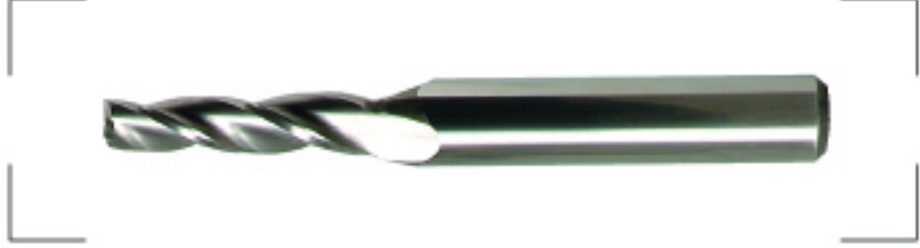
Karbür Konik Düz Alın Freze / Kaplamasız

SAFİR NORMU

Carbide Side Taper end Mills / Uncoated



SNK Serisi

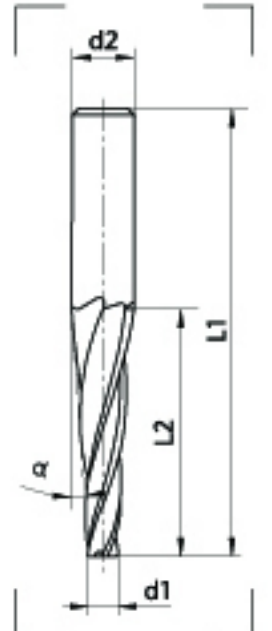
SNK Series



Derece	Sipariş Kodu		Teknik Özellikler				Fiyat
	Z=3	Z=4	Ağız Çapı d1 h10	Helis Boyu L2	Şaft Çapı d2 h6	Tam Boy L1	
0°30°	0205	-	02	20	04	60	40.30 €
	0305	-	03	25	04	60	39.30 €
	0405	-	04	30	05	60	45.20 €
	0505	-	05	30	06	70	47.30 €
	0605	-	06	40	08	75	63.60 €
	-	0805	08	45	10	100	75.20 €
	-	1005	10.0	45	12	100	92.10 €
	-	1205	12.0	45	14	100	134.90 €
1°	0210	-	02	20	04	60	40.30 €
	0310	-	03	28	04	60	39.30 €
	0410	-	04	28	05	60	45.20 €
	0510	-	05	28	06	70	47.30 €
	0610	-	06	40	08	75	63.60 €
	-	0810	08	45	10	100	75.20 €
	-	1010	10	45	12	100	92.10 €
	-	1210	12	45	14	100	134.90 €
1°30°	0215	-	02	20	04	60	40.30 €
	0315	-	03	25	05	60	46.20 €
	0415	-	04	30	06	60	48.10 €
	0515	-	05	30	08	70	63.00 €
	0615	-	06	38	08	75	61.50 €
	-	0815	08	38	10	100	75.90 €
	-	1015	10	38	12	100	92.80 €
	-	1215	12	38	14	100	133.60 €



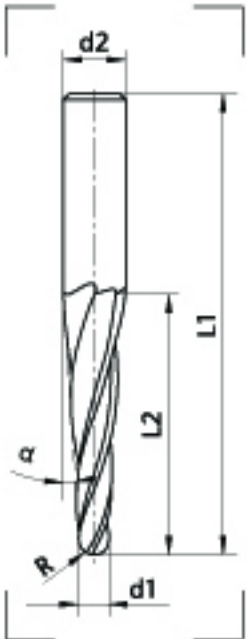
Derece	Sipariş Kodu		Teknik Özellikler				Fiyat
			Ağız Çapı	Helis Boyu	Şaft Çapı	Tam Boy	
	Z=3	Z=4	d1 h10	L2	d2 h6	L1	
2°	0220	-	02	20	04	60	43.30 €
	0320	-	03	28	05	60	49.20 €
	0420	-	04	28	06	60	52.60 €
	0520	-	05	42	08	75	69.00 €
	0620	-	06	45	10	100	84.30 €
	-	0820	08	45	12	100	103.55 €
	-	1020	10.0	45	14	100	139.85 €
	-	1220	12.0	45	16	100	184.80 €
3°	0230	-	02	19	05	60	47.80 €
	0330	-	03	28	06	60	48.90 €
	0430	-	04	38	08	60	56.00 €
	0530	-	05	48	10	100	81.30 €
	0630	-	06	48	12	100	98.40 €
	-	0830	08	48	14	100	140.15 €
	-	1030	10	48	16	100	172.55 €
	-	1230	12	48	18	100	233.30 €
5°	0250	-	02	20	06	60	52.40 €
	0350	-	03	28	08	60	69.80 €
	0450	-	04	34	10	75	81.30 €
	0550	-	05	40	12	75	103.45 €
	0650	-	06	45	14	100	142.25 €
	-	0850	08	45	16	100	183.90 €
	-	1050	10	45	18	100	240.00 €
	-	1250	12	45	20	100	280.55 €



Karbür Konik Radius Alın Freze / Kaplamasız
Carbide Side Taper Ball Nose end Mills / Uncoated

SAFİR NORMU

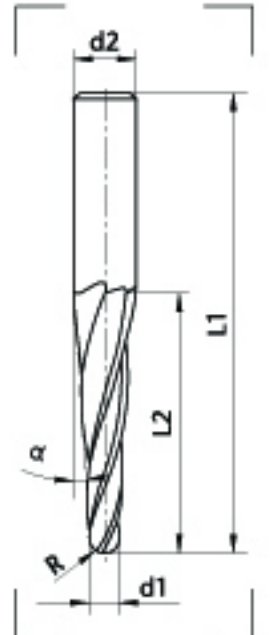
SRK Serisi
SRK Series



Derece	Sipariş Kodu		Radius	Teknik Özellikler				Fiyat
	Z=3	Z=4		Ağız Çapı	Helis Boyu	Şaft Çapı	Tam Boy	
	Z=3	Z=4	R	d1 h10	L2	d2 h6	L1	
0°30"	0205	-	1	02	20	04	60	50.80 €
	0305	-	1.5	03	25	04	60	48.70 €
	0405	-	2	04	30	05	60	53.80 €
	0505	-	2.5	05	30	06	70	56.70 €
	0605	-	3	06	40	08	75	73.90 €
	-	0805	4	08	45	10	100	89.90 €
	-	1005	5	10	45	12	100	116.90 €
	-	1205	6	12	45	14	100	164.20 €
1°	0210	-	1	02	20	04	60	50.80 €
	0310	-	1.5	03	28	04	60	48.70 €
	0410	-	2	04	28	05	60	53.80 €
	0510	-	2.5	05	28	06	70	56.70 €
	0610	-	3	06	40	08	75	73.90 €
	-	0810	4	08	45	10	100	89.90 €
	-	1010	5	10	45	12	100	116.90 €
	-	1210	6	12	45	14	100	164.20 €
1°30"	0215	-	1	02	20	04	60	50.80 €
	0315	-	1.5	03	25	05	60	54.80 €
	0415	-	2	04	30	06	60	56.90 €
	0515	-	2.5	05	30	08	70	79.10 €
	0615	-	3	06	38	08	75	77.20 €
	-	0815	4	08	38	10	100	89.90 €
	-	1015	5	10	38	12	100	116.90 €
	-	1215	6	12	38	14	100	164.20 €



Derece	Sipariş Kodu		Radius	Teknik Özellikler				Fiyat
	Z=3	Z=4		Ağız Çapı	Helis Boyu	Şaft Çapı	Tam Boy	
	Z=3	Z=4	R	d1 h10	L2	d2 h6	L1	
2°	0220	-	1	02	20	04	60	50.80 €
	0320	-	1.5	03	28	05	60	54.80 €
	0420	-	2	04	28	06	60	56.90 €
	0520	-	2.5	05	42	08	75	79.10 €
	0620	-	3	06	45	10	100	90.10 €
	-	0820	4	08	45	12	100	110.90 €
	-	1020	5	10	45	14	100	159.90 €
	-	1220	6	12	45	16	100	210.20 €
3°	0230	-	1	02	19	05	60	53.90 €
	0330	-	1.5	03	28	06	60	56.90 €
	0430	-	2	04	38	08	60	75.50 €
	0530	-	2.5	05	48	10	100	91.00 €
	0630	-	3	06	48	12	100	109.90 €
	-	0830	4	08	48	14	100	160.00 €
	-	1030	5	10	48	16	100	210.20 €
	-	1030	6	12	48	18	100	269.80 €
5°	0250	-	1	02	20	06	60	56.80 €
	0350	-	1.5	03	28	08	60	59.80 €
	0450	-	2	04	34	10	75	89.90 €
	0550	-	2.5	05	40	12	75	110.00 €
	0650	-	3	06	45	14	100	158.90 €
	-	0850	4	08	45	16	100	202.80 €
	-	1050	5	10	45	18	100	261.70 €
	-	1250	6	12	45	20	100	311.40 €



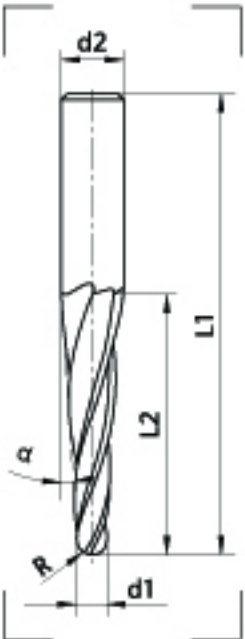
Karbür Konik Radius Alın Freze / Kaplamalı
Carbide Side Taper Ball Nose end Mills / Coated

SAFİR NORMU

SRKT Serisi
SRKT Series

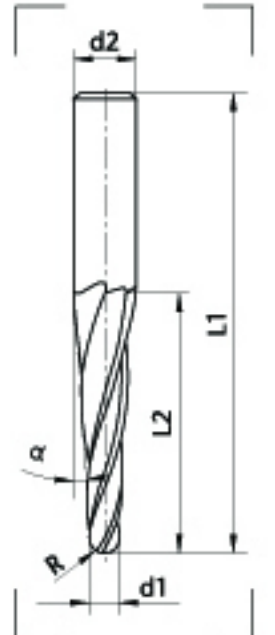


Derece	Sipariş Kodu		Radius	Teknik Özellikler				Fiyat
				Ağız Çapı	Helis Boyu	Şaft Çapı	Tam Boy	
	Z=3	Z=4	R	d1 h10	L2	d2 h6	L1	
0°30"	0205	-	1	02	20	04	60	53.80 €
	0305	-	1.5	03	25	04	60	51.70 €
	0405	-	2	04	30	05	60	56.80 €
	0505	-	2.5	05	30	06	70	61.20 €
	0605	-	3	06	40	08	75	79.90 €
	-	0805	4	08	45	10	100	95.90 €
	-	1005	5	10	45	12	100	126.65 €
	-	1205	6	12	45	14	100	173.95 €
1°	0210	-	1	02	20	04	60	53.80 €
	0310	-	1.5	03	28	04	60	51.70 €
	0410	-	2	04	28	05	60	56.80 €
	0510	-	2.5	05	28	06	70	61.20 €
	0610	-	3	06	40	08	75	79.90 €
	-	0810	4	08	45	10	100	97.40 €
	-	1010	5	10	45	12	100	126.65 €
	-	1210	6	12	45	14	100	173.95 €
1°30"	0215	-	1	02	20	04	60	53.80 €
	0315	-	1.5	03	25	05	60	57.80 €
	0415	-	2	04	30	06	60	61.40 €
	0515	-	2.5	05	30	08	70	85.10 €
	0615	-	3	06	38	08	75	83.20 €
	-	0815	4	08	38	10	100	97.40 €
	-	1015	5	10	38	12	100	126.65 €
	-	1215	6	12	38	14	100	173.95 €





Derece	Sipariş Kodu		Radius	Teknik Özellikler				Fiyat
	Z=3	Z=4		Ağız Çapı	Helis Boyu	Şaft Çapı	Tam Boy	
	Z=3	Z=4	R	d1 h10	L2	d2 h6	L1	
2°	0220	-	1	02	20	04	60	53.80 €
	0320	-	1.5	03	28	05	60	57.80 €
	0420	-	2	04	28	06	60	61.40 €
	0520	-	2.5	05	42	08	75	85.10 €
	0620	-	3	06	45	10	100	97.60 €
	-	0820	4	08	45	12	100	120.65 €
	-	1020	5	10	45	14	100	169.65 €
	-	1220	6	12	45	16	100	224.30 €
3°	0230	-	1	02	19	05	60	56.90 €
	0330	-	1.5	03	28	06	60	59.90 €
	0430	-	2	04	38	08	60	80.00 €
	0530	-	2.5	05	48	10	100	97.00 €
	0630	-	3	06	48	12	100	117.40 €
	-	0830	4	08	48	14	100	169.75 €
	-	1030	5	10	48	16	100	219.95 €
	-	1030	6	12	48	18	100	283.90 €
5°	0250	-	1	02	20	06	60	61.30 €
	0350	-	1.5	03	28	08	60	65.80 €
	0450	-	2	04	34	10	75	97.40 €
	0550	-	2.5	05	40	12	75	119.75 €
	0650	-	3	06	45	14	100	168.65 €
	-	0850	4	08	45	16	100	216.90 €
	-	1050	5	10	45	18	100	275.80 €
	-	1250	6	12	45	20	100	327.15 €



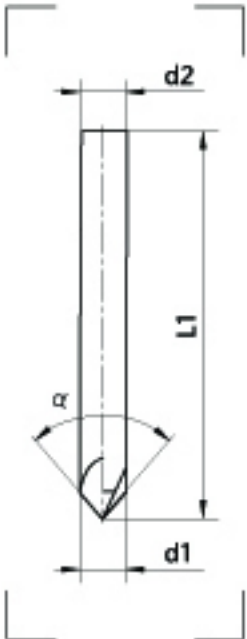
Pah Kırma Frezesi / Kaplamasız
Solid Carbide Deburring Mills, 90° / Uncoated

SAFİR NORMU

SPK Serisi
SPK Series



Sipariş Kodu	Teknik Özellikler			Fiyat
	Ağız Çapı	Şaft Çapı	Tam Boy	
Z=4	d1 h10	d2 h6	L1	
0404	04	04	50	41.20 €
0504	05	05	50	44.90 €
0604	06	06	57	52.80 €
0804	08	08	63	72.00 €
1004	10	10	72	97.80 €
1204	12	12	83	118.50 €



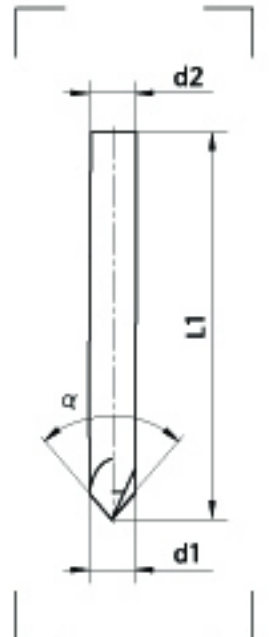
SAFİR NORMU

Pah kırma Frezesi / Kaplamalı
Solid Carbide Deburring Mills, 90° / Coated

SPKT Serisi
SPKT Series



Sipariş Kodu	Teknik Özellikler			
	Ağız Çapı	Şaft Çapı	Tam Boy	
Z=4	d1 h10	d2 h6	L1	Fiyat
0404	04	04	50	45.70 €
0504	05	05	50	49.40 €
0604	06	06	57	57.30 €
0804	08	08	63	78.00 €
1004	10	10	72	105.30 €
1204	12	12	83	128.25 €



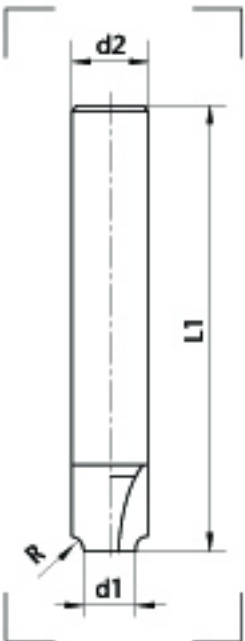
Karbür Ters Radius Freze / Kaplamasız
Carbide Reverse Radius end Mills / Uncoated

SAFİR NORMU

STR Serisi
STR Series



Sipariş Kodu	Köşe Radiüs	Teknik Özellikler			Fiyat
		Ağız Çapı	Şaft Çapı	Tam Boy	
Z=4		d1 h10	d2 h6	L1	
100	1.0	06	08	63	79.90 €
150	1.5	07	10	72	85.00 €
200	2.0	06	10	72	85.00 €
250	2.5	07	12	83	93.10 €
300	3.0	06	12	83	93.10 €
350	3.5	07	14	83	115.50 €
400	4.0	08	16	92	121.50 €
500	5.0	08	18	100	162.60 €
600	6.0	08	20	100	180.50 €





Sipariş Kodu	Köşe Radyüs	Teknik Özellikler			Fiyat
		Ağız Çapı	Şaft Çapı	Tam Boy	
Z=4		d1 h10	d2 h6	L1	
100	1.0	06	08	63	85.90 €
150	1.5	07	10	72	92.50 €
200	2.0	06	10	72	92.50 €
250	2.5	07	12	83	102.85 €
300	3.0	06	12	83	102.85 €
350	3.5	07	14	83	125.25 €
400	4.0	08	16	92	135.60 €
500	5.0	08	18	100	176.70 €
600	6.0	08	20	100	194.60 €

