

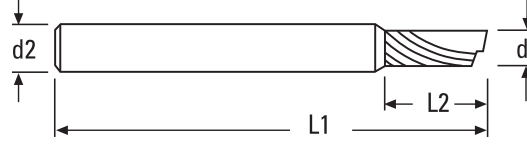
**Mikro**<sup>®</sup>  
Solid Carbide




**Plastik ve Ahşap İçin Frezeler**  
*Solid Carbide End Mills For Plastic End Woods*

## Tek Ağızlı Kısa Freze, Plastik İçin

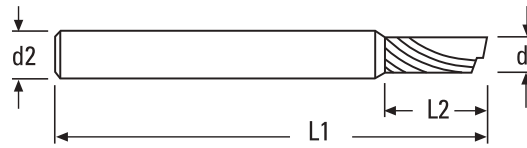
Solid Carbide End Mills Z1 four Plastic, Short




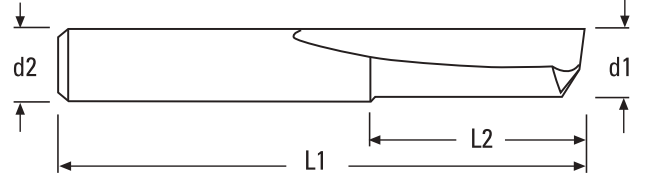
Sipariş Kodu Order Num. 	Çap d1 mm	Kesme Boyu L2 mm	Tam Boyu L1 mm	Şaft Çapı d2 mm
MTP 030101	3.0	10	40	3
MTP 030111	3.0	11	50	6
MTP 040121	4.0	12	50	4
MTP 040131	4.0	13	50	6
MTP 050131	5.0	13	50	5
MTP 050141	5.0	14	50	6
MTP 060131	6.0	13	60	6
MTP 080181	8.0	18	60	8
MTP 100221	10.0	22	72	10


## Tek Ağızlı Uzun Freze, Plastik İçin

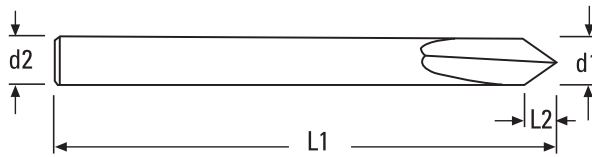
Solid Carbide End Mills Z1 four Plastic, Long



Sipariş Kodu Order Num. 	Çap d1 mm	Kesme Boyu L2 mm	Tam Boyu L1 mm	Şaft Çapı d2 mm
MTPL 030151	3.0	15	60	3
MTPL 030161	3.0	16	60	6
MTPL 040161	4.0	16	60	4
MTPL 040171	4.0	17	60	6
MTPL 050181	5.0	18	60	5
MTPL 050191	5.0	19	60	6
MTPL 060241	6.0	24	75	6
MTPL 080321	8.0	32	75	8
MTPL 100401	10.0	40	100	10



Sipariş Kodu Order Num. 	D1 mm	L2 mm	L1 mm	D2 mm
MPR- 030091	3	9	40	3
MPR- 030151	3	15	60	3
MPR- 040121	4	12	50	4
MPR- 040161	4	16	60	4
MPR- 050131	5	13	50	5
MPR- 050181	5	18	60	5
MPR- 060131	6	13	60	6
MPR- 060241	6	24	75	6
MPR- 080181	8	18	60	8
MPR- 080321	8	32	75	8
MPR- 100211	10	21	72	10
MPR- 100401	10	40	100	10
MPR- 120251	12	25	75	12
MPR- 120451	12	45	100	12

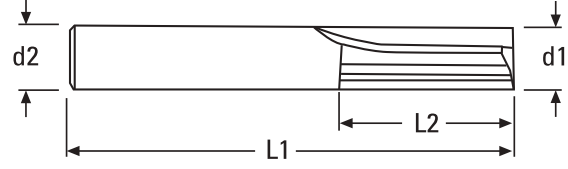


Sipariş Kodu Order Num.	D1 mm	L2 mm	L1 mm	D2 mm	Z mm
MS - 09057	4	2.8	50	4	1
MS - 09024	6	4.2	50	6	1



## Karbür Düz Kanallı Freze

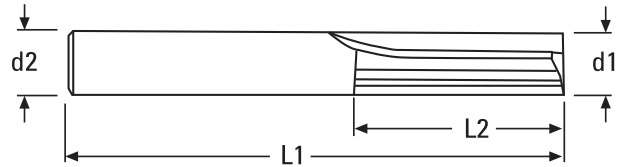
Solid Carbide Straight Flute



Sipariş Kodu Order Num. 2	Sipariş Kodu Order Num. 3	D1 mm	L2 mm	L1 mm	D2 mm
MAF- 030122	MAF- 030123	3	12	50	3
MAF- 030132	MAF- 030133	3	13	50	6
MAF- 040142	MAF- 040143	4	14	40	4
MAF- 040152	MAF- 040153	4	15	50	6
MAF- 050162	MAF- 050163	5	16	50	5
MAF- 060202	MAF- 060203	6	20	50	6
MAF- 080222	MAF- 080223	8	22	60	8
MAF- 100322	MAF- 100323	10	32	75	10
MAF- 120352	MAF- 120353	12	35	80	12
MAF- 140352	MAF- 140353	14	35	90	14
MAF- 160352	MAF- 160353	16	35	90	16
MAF- 200452	MAF- 200453	20	45	100	20

## Karbür Düz Kanallı Freze, Uzun

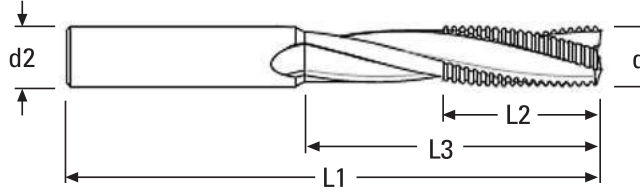
Solid Carbide Straight Flute Long



Sipariş Kodu Order Num. 2	Sipariş Kodu Order Num. 3	D1 mm	L2 mm	L1 mm	D2 mm
MAFL- 030152	MAFL- 030153	3	15	60	3
MAFL- 030162	MAFL- 030163	3	16	75	6
MAFL- 040252	MAFL- 040253	4	25	60	4
MAFL- 040262	MAFL- 040263	4	26	100	6
MAFL- 050252	MAFL- 050253	5	25	75	5
MAFL- 050262	MAFL- 050263	5	26	100	6
MAFL- 060322	MAFL- 060323	6	32	75	6
MAFL- 060402	MAFL- 060403	6	40	100	6
MAFL- 080322	MAFL- 080323	8	32	75	8
MAFL- 080402	MAFL- 080403	8	40	100	8
MAFL- 100452	MAFL- 100453	10	45	100	10
MAFL- 120452	MAFL- 120453	12	45	100	12
MAFL- 140452	MAFL- 140453	14	45	100	14
MAFL- 160452	MAFL- 160453	16	45	100	16
MAFL- 200452	MAFL- 200453	20	45	100	20

## Karbür Kapı Kilit Açma Frezesi

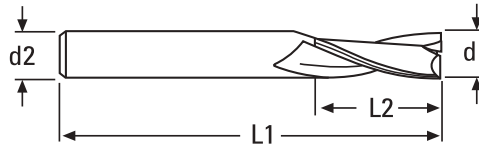
Open Key Location For Doors



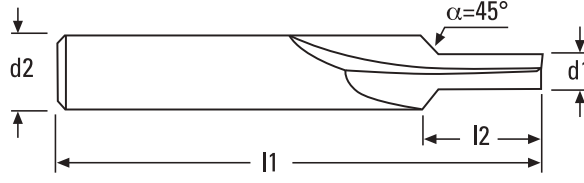
Sipariş Kodu Order Num. 2	Sipariş Kodu Order Num. 3	Sipariş Kodu Order Num. 4	d1 h10 mm	L2 mm	L3 mm	L1 mm	d2 h6 mm
M104 140502	M104 140503	M104 140504	14.0	50	100	160	14.0
M104 160502	M104 160503	M104 160504	16.0	50	100	160	16.0
M104 180502	M104 180503	M104 180504	18.0	50	100	160	18.0
M104 200502	M104 200503	M104 200504	20.0	50	100	160	20.0

## Karbür MDF Frezesi

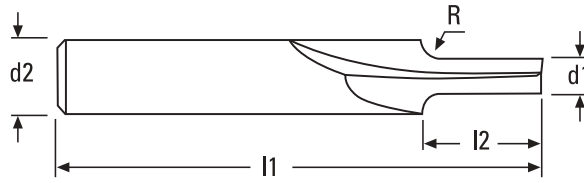
Solid Carbide MDF End Mills



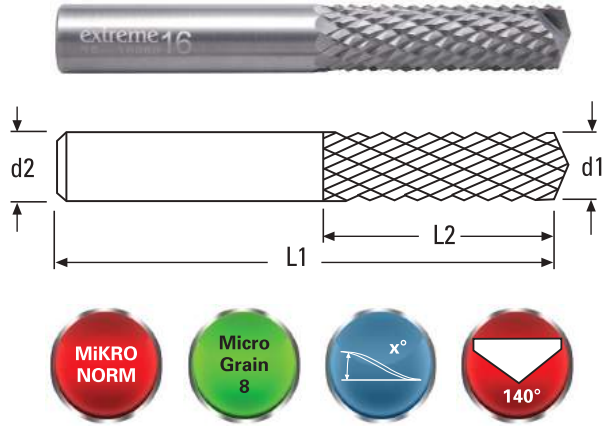
Sipariş Kodu Order Num. 2	d1 h10 mm	L2 mm	L1 mm	d2 h6 mm
M105 030902	3.0	9	38	3
M105 031002	3.0	10	50	6
M105 040142	4.0	14	50	4
M105 040152	4.0	15	60	6
M105 050162	5.0	16	50	5
M105 050172	5.0	17	60	6
M105 060192	6.0	19	57	6
M105 070192	7.0	19	60	8
M105 080202	8.0	20	60	8
M105 100212	10.0	21	72	10
M105 120252	12.0	25	75	12
M105 140322	14.0	32	83	14
M105 160322	16.0	32	92	16
M105 180352	18.0	35	100	18
M105 200382	20.0	38	100	20



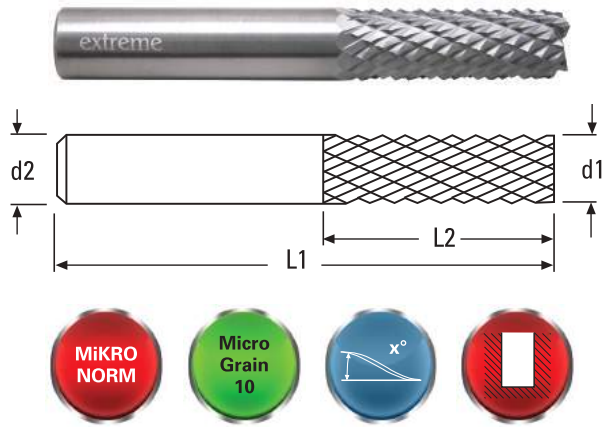
Sipariş Kodu Order Num.	D1 mm	L2 mm	L1 mm	D2 mm	Z	$\alpha$
M107 0619	6	19	75	14	2	45
M107 1819	8	19	75	16	2	45
M107 1019	10	19	75	20	2	45
M107 1219	12	19	75	20	2	45



Sipariş Kodu Order Num.	R	D1 mm	L2 mm	L1 mm	D2 mm
M106 06002	2	6	19	75	10
M106 06003	3	6	19	75	12
M106 06004	4	6	19	75	14
M106 06005	5	6	19	75	16
M106 08002	2	8	19	75	12
M106 08003	3	8	19	75	14
M106 08004	4	8	19	75	16
M106 08005	5	8	19	75	18
M106 10002	2	10	19	80	14
M106 10003	3	10	19	80	16
M106 10004	4	10	19	80	18
M106 10005	5	10	19	80	20
M106 12002	2	12	19	80	18
M106 12003	3	12	19	80	18
M106 12004	4	12	19	80	20



Sipariş Kodu Order Num.	D1 mm	L2 mm	L1 mm	D2 mm
MB- 06030	6	30	75	6
MB- 08040	8	40	100	8
MB- 10045	10	45	100	10
MB- 12045	12	45	100	12
MB- 14045	14	45	100	14
MB- 16060	16	60	110	16
MB- 18060	18	60	110	18
MB- 20060	20	60	110	20



Sipariş Kodu Order Num.	D1 mm	L2 mm	L1 mm	D2 mm
MBD- 06030	6	30	75	6
MBD- 08040	8	40	100	8
MBD- 10045	10	45	100	10
MBD- 12045	12	45	100	12
MBD- 14045	14	45	100	14
MBD- 16060	16	60	110	16
MBD- 18060	18	60	110	18
MBD- 20060	20	60	110	20





