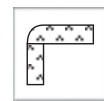




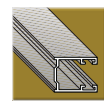
# Aluminum



Plastic



Corian



Aluminum



Sawing



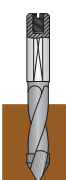
CNC



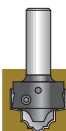
Cutting



Drilling

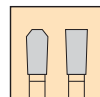


Routing

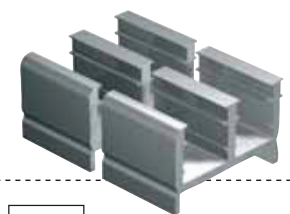
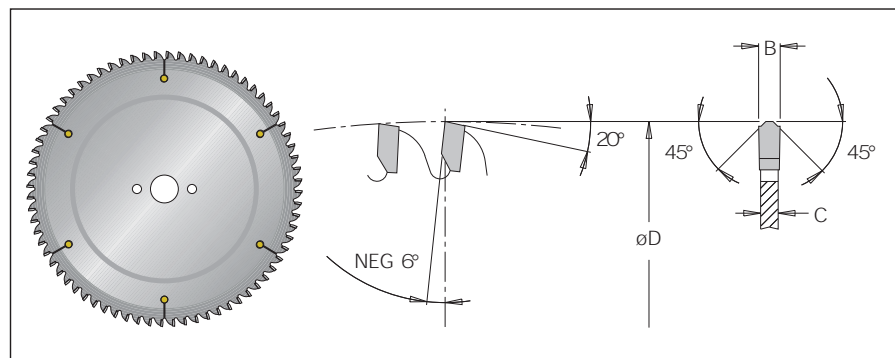


Plastic, Corian, Aluminum

Custom Tooling



## MSAN - A Aluminum Saw Blade



øD	Teeth	Code No.	B	c	n	m/min	ød
150	48	902 02 43 3	2.8	2.2	5000-8900	12-21	20
160	48	902 02 44 3	2.8	2.2	4700-8300	11-20	20
180	58	902 02 48 6	2.8	2.2	4200-7400	12-21	30
184	58	902 02 45 E	2.8	2.2	4100-7200	12-21	16
	58	902 02 45 3	2.8	2.2	4100-7200	12-21	20
190	60	902 02 49 3	2.8	2.2	4000-7000	12-21	20
	60	902 02 49 6	2.8	2.2	4000-7000	12-21	30
200	48	902 00 70 6	2.8	2.2	3800-6600	9-16	30
	64	902 02 50 6	2.8	2.2	3800-6600	12-21	30
216	64	902 02 56 6	2.8	2.2	3500-6100	11-20	30
	60	902 02 60 6	2.8	2.2	3300-5800	10-17	30
235	60	902 02 63 6	2.8	2.2	3200-5600	10-17	30
	60	902 00 80 6	3.2	2.6	3000-5300	9-16	30
250	80	902 02 70 6	3.2	2.6	3000-5300	12-21	30
	100	902 02 75 6	3.2	2.6	3000-5300	15-27	30
275	72	902 00 85 7	3.2	2.6	2700-4800	10-17	32
	72	902 00 90 6	3.2	2.6	2500-4400	9-16	30
330	96	902 02 80 6	3.2	2.6	2500-4400	12-21	30
	80	902 00 95 7	3.2	2.6	2300-4000	9-16	32
350	102	902 02 85 7	3.2	2.6	2300-4000	12-20	32
	84	902 01 00 6	3.2	2.6	2100-3800	9-16	30
380	108	902 02 90 6	3.2	2.6	2100-3800	11-21	30
	100	902 02 95 6	2.8	2.2	2000-3500	10-18	30
400	96	902 01 10 6	3.8	3.2	1900-3300	9-16	30
	120	902 03 00 6	3.8	3.2	1900-3300	11-20	30
420	96	902 03 40 6	4	3.4	1800-3100	9-15	30
450	108	902 04 00 6	4	3.4	1600-2900	9-16	30
	120	902 04 10 6	4	3.4	1600-2900	10-17	30
500	120	902 04 20 6	4.4	3.8	1500-2600	9-16	30

The material must be clamped firmly to the table on both sides during cutting operation.

### Manufacturing Technology:



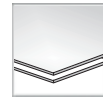
Dynamic Balancing  
Above 350  
Diameter



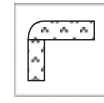
Dynamic Straightness  
Above 250  
Diameter



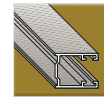
# Aluminum



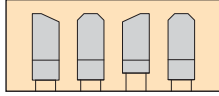
Plastic



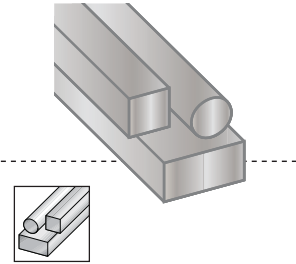
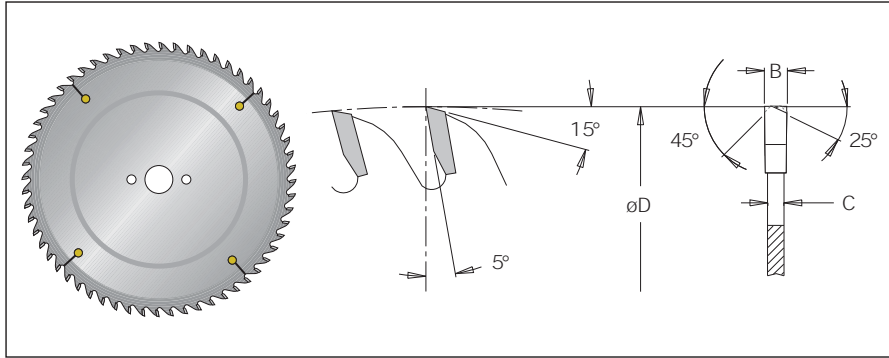
Corian



Aluminum



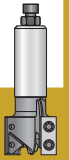
MTA - Aluminum Saw Blade



D	Teeth	Code No.	B	C	n	m/min	d
300	80	90254006	3.4	2.8	2500-4400	20-35	30
	60	90250106	3.4	2.8	2500-4400	15-25	30
350	100	90254306	3.6	3.0	2100-3800	21-38	30
	80	90250206	3.6	3.0	2100-3800	16-30	30
400	120	90254506	3.8	3.2	1900-3300	23-40	30
	80	90250306	3.8	3.2	1900-3300	15-26	30
450	100	90250406	4.0	3.4	1600-2900	16-29	30
	80	90256006	4.0	3.4	1600-2900	13-23	30
500	100	90250506	4.2	3.5	1500-2600	15-26	30
	80	90256036	4.2	3.5	1500-2600	12-20	30
550	120	90250606	4.4	3.8	1400-2400	16-28	30
	100	90256066	4.4	3.8	1400-2400	14-24	30



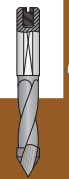
Sawing



CNC



Cutting

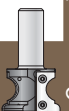


Drilling



Routing

Plastic, Corian, Aluminum



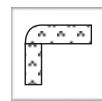
Custom Tooling



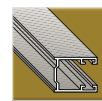
# Aluminum



Plastic



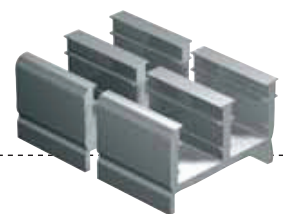
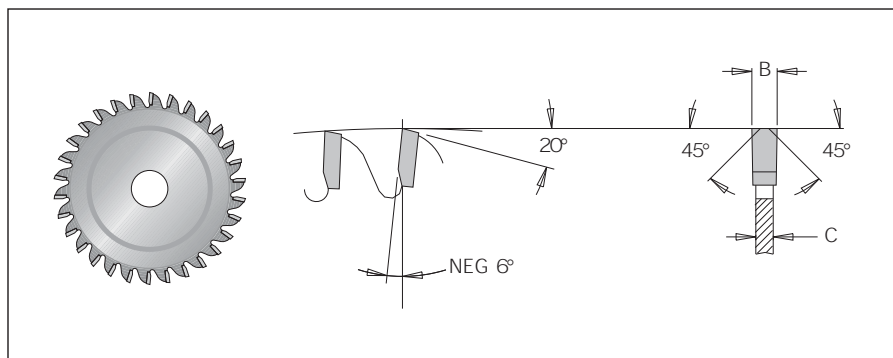
Corian



Aluminum



## MHAN - Milling Saw Blade



Sawing



CNC

øD	Teeth	Code No.	B	c	n	ød
100	24	902 00 51 1	3.9	3.2	7600-13000	16
	30	902 00 55 1	3.9	3.2	7600-13000	16
115	24	902 00 61 A	3.9	3.2	6600-11600	22.2
	30	902 00 63 A	3.9	3.2	6600-11600	22.2



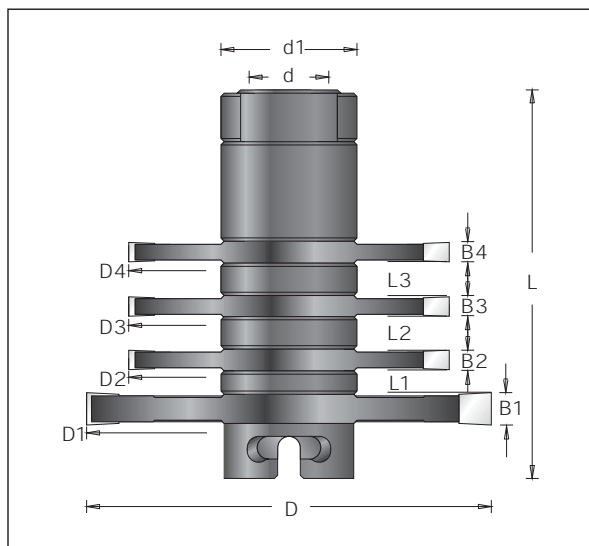
To be used manually with mini grinder.  
Used extensively in the boat building industry for milling, that is cleaning up, and grooving of aluminum welds, and cutting out welding tacks



Cutting

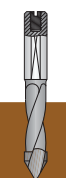
## Custom and Milling head

Special head made from steel sleeve and brazed cutter according to customer definition.

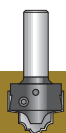


Special tools for working on aluminium profiles  
When ordering single cutters need to indicate the dimensions of the diameter, width and bore.  
When ordering sets need to supply a drawing of the requested profile, dimensions of the cutter's diameter, width and bore as well as the dimensions between the cutters.

d = ... , d1 = ... , L = ...  
D1 = ... , B1 = ... , L1 = ...  
D2 = ... , B2 = ... , L2 = ...



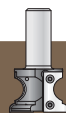
Drilling



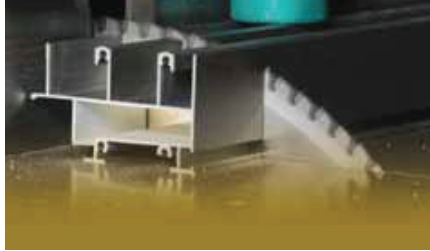
Routing



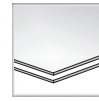
Plastic, Corian, Aluminum



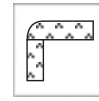
Custom Tooling



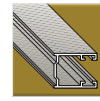
# Aluminum



Plastic



Corian



Aluminum



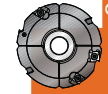
Sawing



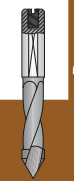
CNC



Cutting



Drilling

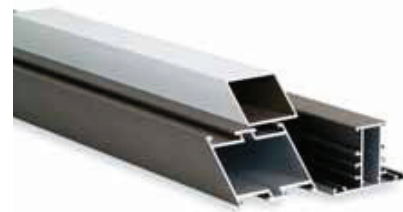
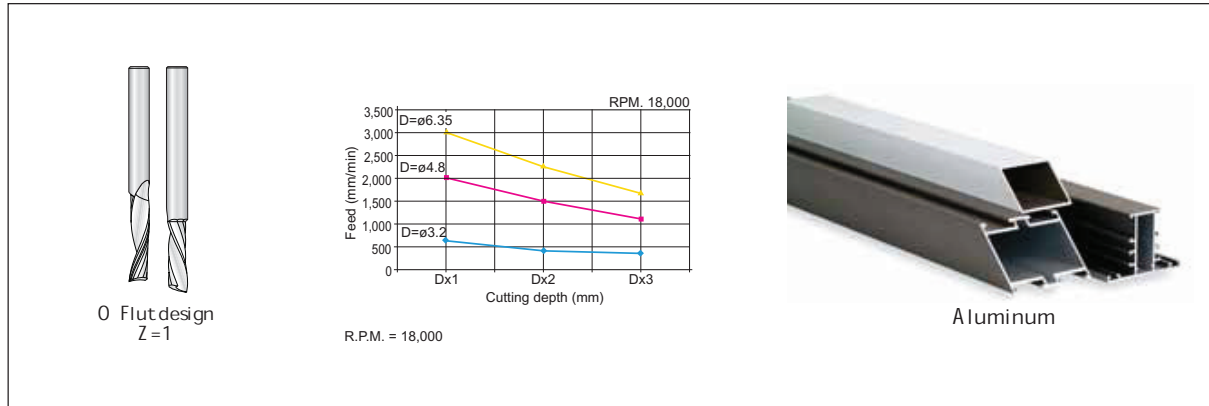
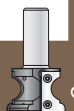


Routing



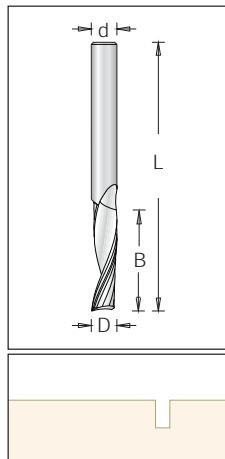
Plastic, Corian, Aluminum

Custom Tooling

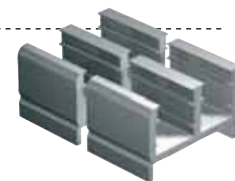


Aluminum

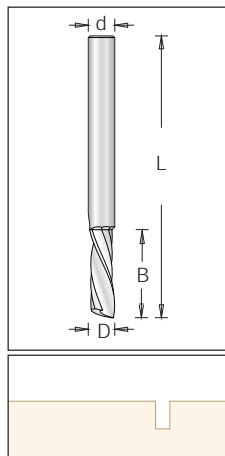
## Single spiral "0" flute, up shear angle, mirror finish



D	B	Code No.	L	ød
3.2	8.0	185 510 0	40	3.2
4.75	12.7	185 522 4	50	6.35
6.35	16.0	185 530 4	50	6.35



## Single spiral "0" flute, down shear angle, mirror finish



D	B	Code No.	L	ød
3.2	8.0	185 410 0	40	3.2
4.75	12.7	185 422 4	50	6.35
6.35	16.0	185 430 4	50	6.35

