

NICOLAI

D I A M A N T

COMPANY PRODUCT CATALOGUE FOR 2025

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Legend

	for Marble	SEG: Segmented Tool
	for Granite	CR: Continuous Rim Tool
	for Engineered Stone / Quartz	ELE: Electroplated Tool
	for Ceramics	JoyLite™: Polishing Tool
	for Quartzite	MOQ: Minimum Order Quantity

Cutting & Drilling Tools

Cutting Fingerbits



CUT & DRILL



WHITE FB1

Segmented - 1/2Gas

CODE	D	L	Lu	Z	note
AFS94010	23	30	-	6	
AFS94019	23	40	-	6	
AFS94018	23	40	-	6+ST	☺
AFS91073	23	50	-	6	

Advised parameters: 4500-5200 RPM / 250-500 FEED



BLUE FB2

Segmented - 1/2Gas

CODE	D	L	Lu	Z	note
DFS31112	18	40	-	4	☺
AFS90005	23	30	-	5	
AFS90014	23	40	-	4	☺
AFS90015	23	40	-	5	☺
AFS90025	23	50	-	5	
AFS90067	28	40	125	7+ST	
AFS90065	28	40	95	7+ST	
AFS90080	30	30	40	7	

Advised parameters: 4500-5200 RPM / 250-500 FEED



BLUE FB2 TWIN

Segmented - 1/2Gas

CODE	D	L	Lu	Z	note
AFS94011	23	30	-	6	
AFS90268	23	40	-	6	☺
AFS90270	23	40	-	6+ST	☺
AFS91074	23	50	-	6	☺

Advised parameters: 4500-5200 RPM / 250-500 FEED



YELLOW FB3

Segmented - 1/2Gas

CODE	D	L	Lu	Z	note
DFS3111S*	18	40	-	4	☺
AFS91083	23	40	-	5+ST	
AFS91015	23	40	-	6	
AFS91085	23	50	-	5+ST	
AFS91025	23	50	-	6	
AFS91040	23	70	-	5	
AFS90097	26	80	-	7	

Advised parameters: 4500-5200 RPM / 250-500 FEED

* Advised parameters: 5000-5500 RPM / 300-500 FEED



YELLOW FB3 TWIN

Segmented - 1/2Gas

CODE	D	L	Lu	Z	note
AFS94012	23	30	-	6	
AFS91070	23	40	-	6	☺
AFS91075	23	50	-	6	☺

Advised parameters: 4500-5200 RPM / 250-500 FEED



GOLD FB3X TWIN

Segmented - 1/2Gas

CODE	D	L	Lu	Z	note
AFS90284	20	40	-	6	☺
AFS90290	20	50	-	6	

Advised parameters: 4500-5200 RPM / 300-500 FEED



LILAC FB23

Segmented - 1/2Gas

CODE	D	L	Lu	Z	note
AFS90091*	16	20	35	4+ST	☺
AFS90128	20	25	-	5	
AFS90131	20	25	-	5+ST	☺
AFS90126	20	40	-	5+ST	
AFS9001H	23	40	-	5	
AFS90141	20	25	-	7	☺
AFS90143	23	40	-	7	☺

Advised parameters: 4500-5200 RPM / 350-550 FEED

* Advised parameters: 5000-5500 RPM / 300-500 FEED

ST = Segment on Top



ORANGE QZ

Segmented - 1/2Gas

CODE	D	L	Lu	Z	note
AFS9001Q	23	40	-	5	☺
AFS9014Q	23	40	-	7	

Advised parameters: 4500-5200 RPM / 350-550 FEED

* Advised parameters: 5000-5500 RPM / 300-500 FEED

** for Quartz / Quarzite



ELECTROPLATED

Advised parameters: 4500-5200 RPM / 350-550 FEED

CODE	D	L	Lu	Z	note
AFE80005	16	30	-	-	
AFE80010	16	40	-	-	☺
AFE80015	16	50	-	-	
AFE80027	20	60	-	-	
AFE80037	20	100	-	-	

CERAMICS

NICOLAI DIAMANT

DEKTON Lapitec® NEOLITH EXTRAORDINARY SURFACE LAMINAM ...

FINGERBITS

1/2 GAS FITTING

from Ø20 L25mm
to Ø23 L40 mm
TWIN & Single
Segments



COREDRIILLS

1/2 GAS FITTING

from Ø5 to Ø100 mm
THIN WALL



also available Contersink Tools

BLADES

from Ø300 Ø400mm
DEK67G Bond



CROWN MILLS

1/2 GAS FITTING

from Ø5 L10 mm
to Ø20 L12 mm (Lu 40mm)



CNC Profiling Tools

wide range of profiles
and diameters



... also available tools
for calibrating, stubbing
and drainboard...

See page 60....

Coredrills

for Marble, Granite and ES



SEGMENTED

Other measures available upon request

CODE	D	L	Lu	Fitt.	RPM	FEED
APS1B025	25	8	70	1/2"	2800-3500	60-120 mm/min
APS1B032	32	8	70	1/2"	2500-3000	
APS1B035 ☺	35	8	70	1/2"		
APS1B038	38	8	70	1/2"		50-100 mm/min



CONTINUOUS RIM GRANITE (THIN WALL)

Other measures available upon request

CODE	D	L	Lu	Fitt.	RPM	FEED	
APF11006	6	10	45	1/2"	2500-3000	50-100 mm/min	
APF11008	8	10	45	1/2"			
APF11010	10	10	45	1/2"			
APF11012	12	10	45	1/2"			
APF11015	15	10	45	1/2"			
APF11020	20	10	45	1/2"	2600		
APF11022	22	10	45	1/2"			
APF11025	25	10	45	1/2"			
APF11028	28	10	45	1/2"	2400		
APF11030	30	10	45	1/2"			
APF11032	32	10	45	1/2"			
APF1Z035	35	10	28	1/2"	2200	40-50 mm/min	
APF11035	35	10	45	1/2"			
APF10035	35	10	85	1/2"			
APF11038	38	10	45	1/2"			
APF11040	40	10	45	1/2"	2000	40 mm/min	
APF11050	50	10	45	1/2"			
APF11060	60	10	45	1/2"			
APF11068	68	10	45	1/2"	1800	35 mm/min	
APF11070	70	10	45	1/2"	1600		
APF11080	80	10	45	1/2"			
BRASS or STAINLESS STEEL CORE upon request							

BRASS or STAINLESS STEEL CORE upon request



CONTINUOUS RIM CERAMICS (THIN WALL)

Other measures available upon request

CODE	D	L	Lu	Fitt.	RPM	FEED
APF11006CER	6	10	45	1/2"	2500-3000	50-100 mm/min
APF11008CER	8	10	45	1/2"		
APF11010CER	10	10	45	1/2"		
APF11012CER	12	10	45	1/2"		
APF11015CER	15	10	45	1/2"		
APF11020CER	20	10	45	1/2"		
APF11022CER	22	10	45	1/2"	2600	
APF11025CER	25	10	45	1/2"		
APF11028CER	28	10	45	1/2"	2400	
APF11030CER	30	10	45	1/2"		
APF11032CER	32	10	45	1/2"		
APF1Z035CER	35	10	28	1/2"	2200	40-50 mm/min
APF11035CER	35	10	45	1/2"		
APF10035CER	35	10	85	1/2"		
APF11038CER	38	10	45	1/2"	2000	40 mm/min
APF11040CER	40	10	45	1/2"		
APF11050CER	50	10	45	1/2"		
APF11060CER	60	10	45	1/2"	1800	35 mm/min
APF11068CER	68	10	45	1/2"		
APF11070CER	70	10	45	1/2"	1600	
APF11080CER	80	10	45	1/2"		

ALL DIAMETERS available !



ELECTROPLATED

Other measures available upon request

CODE	D	L	Lu	Fitt.	RPM	FEED
APE12020	20	5	100	1/2"	2800-3500	60-120 mm/min
APE12025	25	5	100	1/2"		
APE12030	30	5	100	1/2"	2500-3000	
APE12035	35	5	100	1/2"		



DRILL BITS

1/2GAS Fitting

CODE	D	Lu	Fitt.	RPM
ATS0503B	6	50	1/2 Gas	Right
ATS0603B	6.5	50	1/2 Gas	Right
ATS0703B	7	50	1/2 Gas	Right
ATS0803C	8	50	1/2 Gas	Right
ATS0903C	9	50	1/2 Gas	Right
ATS1003C	10	50	1/2 Gas	Right
ATS1103C	11	50	1/2 Gas	Right
ATS1203C	12	50	1/2 Gas	Right
ATS1303C	13	50	1/2 Gas	Right
ATS1403C	14	50	1/2 Gas	Right
ATS1503C	15	50	1/2 Gas	Right

Bits

for Granite and ES



NO-CORING BITS

10 mm Shank - Segmented - USE ONLY TO DRILL !

CODE	D	L	Lu	Lt	Fitt.
ATS0410A	5	8	25	55	10/4
ATS0411A	5	8	45	75	10/5
ATS0403A	5	8	40	-	1/2"
ATS0511B	6	10	45	75	10/5
ATS0503B	6	10	50	-	1/2"
ATS0662C	6.5	10	-	75	6
ATS0612C	6.5	10	45	75	10/5
ATS0712C	7	10	45	75	10/5
ATS0814C	8	10	45	75	10/8
ATS0803C	8	10	50	-	1/2"
ATS1014C	10	10	45	75	10/8
ATS1003C	10	10	50	-	1/2"
ATS1215C	12	10	-	75	10
ATS1203C	12	10	50	-	1/2"

HOLDERS

Other measures available upon request

CODE	Bore	Deep	Fitt.
AZT0572D	6	25	1/2"
AZT0572C	8	25	1/2"
AZT0572B	10	25	1/2"
AZT0572A	12	25	1/2"
AZT0591A	10	25	M14 fem
AZT0591B	12	25	M14 fem

NO-CORING BITS FOR CERAMICS

1/2 GAS Fitting , P/MR

CODE	D	L	Fitt.
ATS...	8	30	1/2"
ATS1006D	10	30	1/2"
ATS1206A	12	30	1/2"
ETS00112	11.8	30	1/2"

ADAPTORS

MOQ means Minimum Order Quantity

CODE	From Ø	To Ø	MOQ
AZT0614C	12	5	4 pcs
AZT0614B	12	6	4 pcs
AZT0614A	12	8	4 pcs



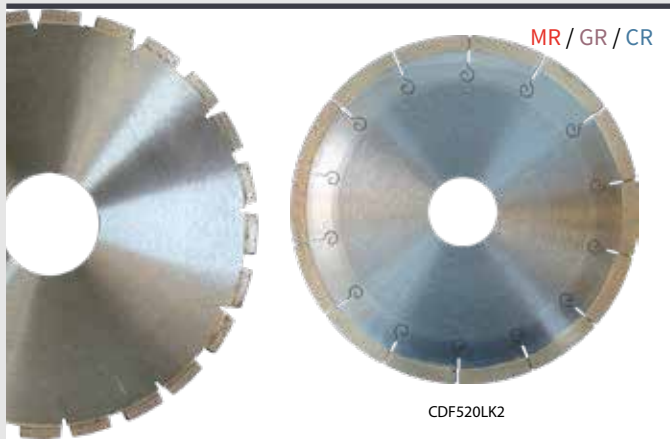
other shanks available upon request !
also available for No Coring Drill Bits with 1/2 GAS

* MOQ = Minimum Order Quantity

CUT & DRILL

CNC Saw Blades

for Marble, Granite and ES



CNC SAW BLADES

Other measures available upon request

CODE	MAT.	SIZE - BORE	CORE	MACHINE	RPM	FEED
ADS01011	MR	Ø210 - B50	Silent			
ADS00015	GR	Ø210 - B50	Silent	CMS, Speed,		
ADS00017	GR	Ø210 - B50+6H	Silent	Maxima, Compact		
D250LMV301044O	GR	Ø250 - B50	Silent		2400-2700	
D500LF16007556	MR	Ø500 - B50+8HØ7/121	Silent	CMS Maxima	1700	
D500LMV6010506	GR	Ø500 - B50+8HØ7/121	Silent		1400	
D250LMV301044R	GR	Ø250 - B50+6HØ7/95	Silent			
ADS00002	GR	Ø200 - B50+6H	Normal	DENVER	2400-2800	
EDS00014	GR	Ø305 - B60	Laser	PRUSSIANI	2200-2600	
ADS00024	MR	Ø210 - B60	Silent			
CDF520LK1	GR	Ø200 - B25.4	Silent		2700-3200	
CDF520LK2	GR	Ø200 - B50	Silent			
CDF520LK3	GR	Ø200 - B30+4H	Silent			
D500NF2360760A	MR	Ø500 - B60+GMM	Normal			
D500NKT301055A	GR	Ø500 - B60+GMM	Normal	Horizontal Cut for GMM		
D500NF2360760V	MR	Ø500 - B120+GMM	Normal	Normal Core 4mm		
D500NKT301055V	GR	Ø500 - B120+GMM	Normal			
CDF520LK2 *	CER	Ø200 - B50	Normal	for Ceramics CMS SPEED		
CDTU1505	CER	Ø150 - B50	Normal	for Ceramics CMS ELECTA		
CDTU1503	GR	Ø150 - B50	TURBO	for Granite CMS ELECTA		

CNC Concave Saw Blades

for Marble & Granite



CNC CONCAVE SAW BLADES

Concave for Curvilinear Cut

CODE	SIZE	DEG	MACHINE	FEED
ADS10011	Ø160 - B50+4HØ6/63	30°		
ADS10010	Ø180 - B50+4HØ6/63	30°	CMS	
ADS10013	Ø180 - B50+4HØ6/63 Reinforced	30°	30° Gear Box	
ADS10015	Ø180 - B32+BT	30°	Breton 30° Gear Box	
ADS10012	Ø180 - B30+4HØ8,5/60	15°		
ADS10011	Ø160 - B50+4HØ6/63	30°		
ADS10010	Ø180 - B50+4HØ6/63	30°	Prussiani 30° Gear Box	



CONCAVE BLADE

Concave for Curvilinear Cut

CODE	SIZE	DEG	MACHINE	FEED
DSS46136	Ø180 - B50+6/63	60°	CMS BREMBANA	

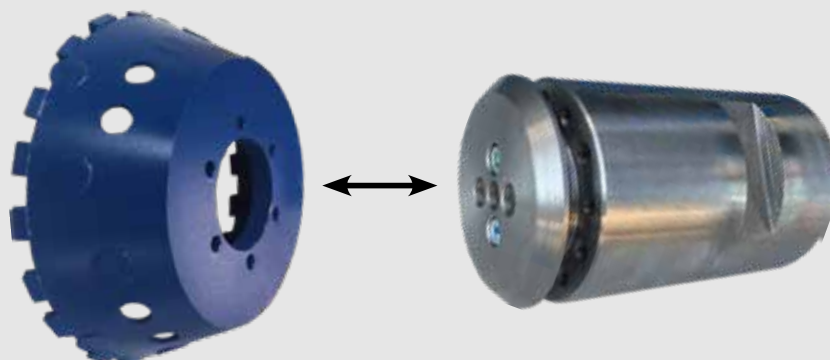
(see section EXTENSIONS (pag.116 for adapters))



ADAPTER FOR SPRINT MACHINES

Concave for Curvilinear Cut

CODE	SIZE
AZT4176A	ADAPTER FOR SPRINT (and others, see below) 5X L117 / D50+4F M8/63
AZT4176B	ADAPTER FOR SPRINT (and others, see below) 5X L97 / D50+6F M6/63
AZT4176C	ADAPTER FOR SPRINT (and others, see below) 5X L137 / D35X49 INOX
AZT4176D	ADAPTER FOR SPRINT (and others, see below) 5X L97 / 1/2G FEM SX
AZT4176E	ADAPTER FOR SPRINT (and others, see below) 5X L72 / D50+6F M6/63



Blades for Wet Cutting for Granite and ES



ZEBRA BLADES

FOR GRANITE & ES

CODE	Ø	H	Z	CORE	BORE	RPM	FEED
CDS35B00S	350 - 14"	15	25	SDW	50/60	1900-2200	1500-5000mm
CDS40A00S	400 - 16"	15	28	SDW	50/60	1400-1600	
CDS40A01S	400 - 16"	15	28	SDW	90		
CDS40A03S	400 - 16"	15	28	SDW	90+2B		
CDS45B00S	450 - 18"	15	32	SDW	50/60	1270-1450	
CDS45B01S	450 - 18"	15	32	SDW	90+2B		
CDS45B02S	450 - 18"	15	32	SDW	120		
CDS50B00S	500 - 20"	15	34	SDW	50/60	1100-1350	
CDS50B01S	500 - 20"	15	34	SDW	50/60		



TAURUS BLADES

BIG DIAMETER FOR GRANITE & ES

CODE	Ø	H	Z	CORE	BORE	RPM	FEED
D500NI8601536P	500 - 20"	15	60	NOR	50/60	1100-1350	1500-5000mm
D500SI8601536P	500 - 20"	15	60	SDW	50/60		
D625SI8721545P	625 - 25"	15	72	SDW	50/60	950-1200	
D725SI8801055U	725 - 20"	10	80	SWD	80	820-1000	
D800LI8921055U	800 - 32"	10	92	LAS	90/100	700-950	
D825LI8921055U	825 - 33"	10	92	LAS	90/100	700-900	



HMB28 BLADES - REINFORCED

BIGGER STEEL AND WIDER SEGMENTS FOR GRANITE & ES

CODE	Ø	H	W	Z	CORE	BORE	RPM	FEED
D250LMV3010400	250 - 10"	10	4	30	LAS/3	50	2200-2600	1500-5000mm
D300LMV3610400	300 - 12"	10	4	36	LAS/3	60	1900-2200	
D350LMV4210440	350 - 14"	10	4.4	42	LAS/3	50	1600-1900	
D400LMV481044P	400 - 16"	10	4.4	48	LAS/3.5	60	1400-1600	
D500LMV601050P	500 - 20"	10	5	60	LAS/3.5	60	1100-1350	

Blades for Wet Cutting for Marble



MR70 BLADES

SILENT & NORMAL CORE FOR MARMBLE

CODE	Ø	H	W	Z	CORE	BORE	RPM	FEED
D300SF0210730P	300 - 12"	7	3	21	SDW	60	2550-3000	1500-2800mm
D300N2P250730O	300 - 12"	7	3	25	NOR	50		
D350SF0250730P	350 - 14"	7	3	25	SDW	60	2200-2600	
D350NF0250730P	350 - 14"	7	3	25	NOR	60		
D350SF0250730P	350 - 14"	7	3	25	SDW	60		
D350NF0250730P	350 - 14"	7	3	25	NOR	60		
D400NF0280734P	400 - 16"	7	3,4	28	NOR	60	1700-2100	
D400SF0280734P	400 - 16"	7	3,4	28	SDW	60		
D450NF1320740P	450 - 18"	7	4	32	NOR	60	1600-2000	
D450SF1320740P	450 - 18"	7	4	32	SDW	60		
D500NF1360740P	500 - 20"	7	4	36	NOR	60	1500-1900	
D500SF1360740P	500 - 20"	7	4	36	SDW	60		
D550NF2400750P	550 - 22"	7	5	40	NOR	60	1450-1800	
D550SF2400750P	550 - 22"	7	5	40	SDW	60		
D625NF2420750P	625 - 25"	7	5	42	NOR	60	1300-1600	
D625SF2420750P	625 - 25"	7	5	42	SDW	60		

MR70-SW BLADES

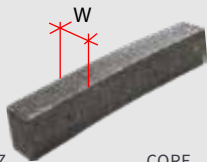
SILENT & NORMAL CORE - SANDWICH SEGMENTS FOR MARMBLE



CODE	Ø	H	W	Z	CORE	BORE	RPM	FEED
D625SF9420750P	625 - 25"	7	5	42	SDW	60	1300-1600	1500-2800mm
D625NF9420750P	625 - 25"	7	5	42	NOR	60		
D650SF9380755P	650 - 26"	7	5,5	38	SDW	60	1250-1550	
D650NF9380760P	650 - 26"	7	6	38	NOR	60		
D725NF9500755P	725 - 29"	7	5,5	50	NOR	60	1200-1450	
D725SF9500755P	725 - 29"	7	5,5	50	SDW	60		
D800LF9460760T	800 - 32"	7	6	57	LAS	80		
D825NF9570760P	825 - 33"	7	6	57	NOR	60/80		
D825SF9570760P	825 - 33"	7	6	57	SDW	60/80		

MR70 REINFORCED BLADES

SILENT CORE & WIDER SEGMENTS FOR MARMBLE



CODE	Ø	H	W	Z	CORE	BORE	RPM	FEED
D250LF0300740O	250 - 10"	7	4	30	LAS/3	50	3000-3400	1500-2800mm
D300LF0360740P	300 - 12"	7	4	36	LAS/3	60	2550-3000	
D350LF0420745O	350 - 14"	7	4.5	42	LAS/3.5	50	2200-2600	
D400LF0480750P	400 - 16"	7	5	48	LAS/3.5	60	1700-2100	
D500LF1600755P	500 - 20"	7	5,5	60	LAS/3.5	60	1500-1900	

NOTE: Feed rates depend on the slab thickness, material type, blade type, machine type, motor size and cooling water. It is recommended to reduce the feed rate by 50% or more during the insertion and exit cuts of the slab cutting process.

Blades for Wet Cutting for Dekton and Porcellaine Materials



DEK67G BLADES

SILENT, LASER & NORMAL CORE FOR CERAMICS

CODE	Ø	Z	CORE	BORE	BOND	RPM	FEED
D300Si1210830P ☺	Ø300 - 12"	21	SDW	B60	DEK67 G	2000-2200	300-400 mm/min.
D300Ni1210830P	Ø300 - 12"	21	NOR	B60			
D300Li1210830P	Ø300 - 12"	21	LAS	B60			
D350Si1250830P ☺	Ø350 - 14"	25	SDW	B60		1800-1900	
D350Ni1250830P	Ø350 - 14"	25	NOR	B60			
D350Li1250830P	Ø350 - 14"	25	LAS	B60			
D350Si1250830G	Ø350 - 14"	25	SDW	B90+2		1500-1700	
D400Si1280832P ☺	Ø400 - 16"	28	SDW	B60			
D400Ni1280832P	Ø400 - 16"	28	NOR	B60			
D400Li1280832P	Ø400 - 16"	28	LAS	B60		1400-1500	
D400Si1280832G	Ø400 - 16"	28	SDW	B90+2			
D450Si1320834P	Ø450 - 18"	32	SDW	B60			
D450Ni1320834P	Ø450 - 18"	32	NOR	B60		1250-1300	
D450Li1320834P	Ø450 - 18"	32	LAS	B60			
D450Si1320834G	Ø450 - 18"	32	SDW	B90+2			
D500Si1360834P	Ø500 - 20"	36	SDW	B60			
D500Ni1360834P	Ø500 - 20"	36	NOR	B60			
D500Li1360834P	Ø500 - 20"	36	LAS	B60			
D500Si1360834G	Ø500 - 20"	36	SDW	B90+2			

CUT & DRILL



Cheetah

Hi-Speed Blades for Wet Cutting
for Dekton, Granite & Quartz

CUT & DRILL



QZ

CHEETAH BLADES

for Quartzite

-- See it in action:



CODE	Ø	Z	CORE	BORE	MAT	RPM	FEED
CDS35C01S	350 - 14"	25	SDW	50/60	QUARTZITE	1500-1600	1600-2000 mm/min 60-80 inches/min
CDS40C01S	400 - 16"	28	SDW	50/60	QUARTZITE	1400-1450	
CDS45C01S	450 - 18"	32	SDW	50/60	QUARTZITE	1300-1350	
CDS50C01S	500 - 20"	34	SDW	50/60	QUARTZITE	1250-1300	
CDS40C11S	400 - 16"	28	SDW	90	QUARTZITE	1400-1450	
CDS40C01SD	450 - 18"	32	SDW	50/60+1B	QUARTZITE	1350-1400	

Segment Height : 25 mm



CR

CHEETAH BLADES

for Dekton & Ceramics

-- See it in action:



CODE	Ø	Z	CORE	BORE	MAT	RPM	FEED
CDS35C02SR	350 - 14"	25	SDW	50/60	CER.	1900 - 2500	750-1250mm/min. 30-50 inches/min.
CDS40C02SR	400 - 16"	28	SDW	50/60	CER.	1800 - 2400	
CDS45C02SR	450 - 18"	32	SDW	50/60	CER.	1500 - 2000	
CDS40C12SR	400 - 16"	28	SDW	90	CER.	1500 - 2000	
CDS40C02SRD	400 - 16"	28	SDW	50/60+1B	CER.	1300 - 1900	

Segment Height : 10 mm



GR

CHEETAH BLADES

for GRANITE - U.S.A. Market Only

CODE	Ø	Z	CORE	BORE	MAT	RPM	FEED
CDS35C00S	350 - 14"	25	SDW	50/60	GR	2000 - 2200	2000-2800mm/min. 80-115 inches/min.
CDS40C10S	400 - 16"	28	SDW	120	GR	1900 - 2100	
CDS40C00S	400 - 16"	28	SDW	50/60	GR		
CDS40C20S	400 - 16"	28	SDW	90	GR		
CDS45C10S	450 - 18"	32	SDW	120	GR		
CDS45C00S	450 - 18"	32	SDW	50/60	GR		
CDS50C00S	500 - 20"	34	SDW	50/60	GR		

Segment Height : 25 mm

Horizontal Blades

Segmented & Electroplated



HORIZONTAL BLADES

ELECTROPLATED, BOTH SIDES REINFORCED

CODE	SIZE	REINFORCES	RPM	FEED
ADE20035	Ø201 x 3.5 mm	6+6 L20	2400-2800	1200-2800 mm/min.
ADE20235 * ☺	Ø241 x 4.5 mm	8+8 L30	2400-2800	
DME3395C *	Ø290 x 4 mm	9+9 L60	2200-2500	48-60 inches/mm
EDE00012 *	Ø340 x 4 mm	6+6 L30	2000-2400	

* = locking flange AZT2546A is mandatory with those blades

locking flange AZT2546A



above D300 (12") diameter, blades need to be used with a flange cone.



Watch the video on YouTube !



CUT & DRILL



EXTENSIONS

For Horizontal Blades (max diameter 300mm)

CODE	SIZE	FITTING
AZT0583A	Ø45 L100 mm	from FLANGE (B50+6H) to FLANGE (D50+6 M6)
AZT0584A	Ø45 L133 mm	
AZT0734A ☺	Ø45 L207 mm	
AZT2501A	Ø45 L300 mm	
AZT0566A	Ø72 mm	from 1/2 GAS to FLANGE (D50+6H)
AZT2765A	Ø77 mm	D50+6H



FITTING M36 (GMM)

M36 > Flange -3-

CODE	SIZE	THREAD	FITT MACHINE	FITT TOOL
AZT4786B		Right	M36 x2	Ø50+6
AZT4786A		Left	M36 x2	

CNC Profiling Wheels

Tooling range for Granite & Engineered Stone

High Quality Tools

- Standard set of tools configured with seven steps (also available with 5 or 6 steps)
- High speed technology
- JoyLite™ Polishing technology
- The widest selection of Shapes available on the market - Always updated with custom profiles

SIZES & SPECS

SERIES	DIMENSIONS	RADIUS	STANDARD FITTING
GIOTTO SERIES	80 mm DM (minimum diameter)	40 mm	35 mm
60 SERIES	60 mm DM (minimum diameter)	30 mm	35 mm
40 SERIES	40 mm DM (minimum diameter)	20 mm	20/22 mm
35 SERIES	35 mm DM (minimum diameter)	17.5 mm	20/22 mm
20 SERIES	20 mm DM (minimum diameter)	10 mm	1/2 gas male thread
10 SERIES	10 mm DM (minimum diameter)	5 mm	1/2 gas male thread



Segmented
The best solution for profile shaping.
Fast and precise.



Continuous
Designed for a very smooth finish
without water channels
Water holes for coolant delivery are
directly on the diamond surface.

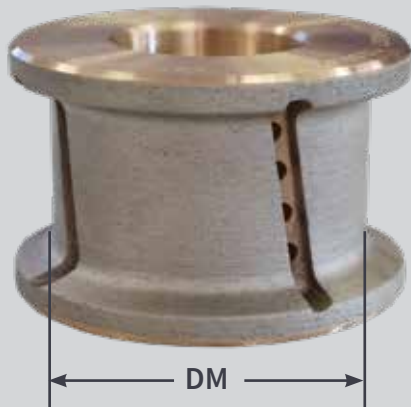


Continuous with slots
EDM machined water channels for
coolant and waste removal.

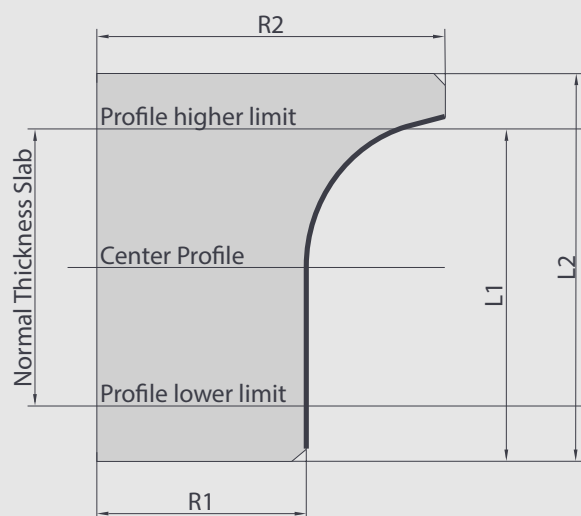


JoyLite™
JoyLite resin wheels have received
worldwide recognition for creating the
highest gloss possible. Rectified resin
bond on rectified rubber body with
aluminium center.
Reinforced thickness for a extra long
life.

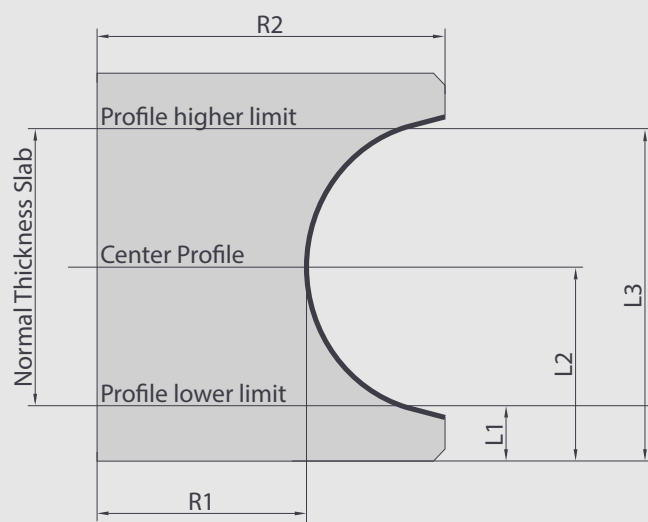
DM (minimum diameter) Explained



Redressing Service
All metal wheels are made with 4,5mm thick of bond and are suitable to be redressed 2 or 3 times for extended life



Measuring OPEN Profiles



Measuring CLOSED Profiles



DM60 5+2 Set

Set 5 metal + 2 rubber polishing wheels

5



FIRST FIVE METALLIC WHEELS

Longer life for the whole set with G6F

	G1F	G3	G4	G5	G6F
RPM	5500	5500	5500	5000	5000
REMOVAL (mm)	0.35	0.25	0.15	0.1 max	0.00-0.05 max
FEED (mm/min.)	3000	3500	2500	1200	800-1000
LIFE (before retrue)	1200-1500	1200-1500	1200-1500	1200-1500	2000
LIFE (m)	3600	4500	4500	4500	4500

+

2



... & 2 RUBBER POLISHING WHEELS

JOYLITE wheels

	G7	G8
RPM	3000	3000
REMOVAL (mm)	0.05	0.05
FEED (mm/min.)	1200	1200
LIFE (before retrue)	-	-
LIFE (m)	500	500

01 // REMOVAL :

» All the REMOVAL parameters have to be taken as a guide line and not as a goal: the less removal you have with getting all your shape and previous diamond line, the better will be for your tool life.

02 // OVERMATERIAL:

Depending on Shop overmaterial left from the saw the Super Z can go faster (i.e.: 2-2.1mm)

03 // OTHER MATERIALS :

» You can use the Nicolai wheels even with “special” materials like quartzite, dektion, lapitek... but the RPM should be dropped in the 3500-4500 zone and FEED should be dropped in the 30-50% zone

Advised Set

DM60 4+3 Set

Set 4 metal + 3 rubber polishing wheels

4



FIRST FOUR METALLIC WHEELS

Segmented & Continuous

	G1S	G3	G4	G5
RPM	5500	5500	5500	5000
REMOVAL (mm)	0.35	0.25	0.15	0.1 max
FEED (mm/min.)	3000	3500	2500	1200
LIFE (before retrue)	1200-1500	1200-1500	1200-1500	1200-1500
LIFE (m)	3600	4500	4500	4500

+

3



... & 3 RUBBER POLISHING WHEELS

JOYLITE wheels

	G6	G7	G8
RPM	3000	3000	3000
REMOVAL (mm)	0.05	0.05	0.05
FEED (mm/min.)	1200	1200	1200
LIFE (before retrue)	-	-	-
LIFE (m)	500	500	500

Classical Set

PROFILING

Maintenance & Usage of Tools

Dressing, EDM, Parameters...

Dressing of the tooling

What sticks for which positions?

GR220 (G3, G4)
GR320 (G3, G4, G5, G6)
GR600 (G5, G6, G7, G8)

Keep dressing sticks in a bucket of water next to the machine, when dressing set the machine spindle to 1000 rpms and dress lightly until full shape and all diamond surfaces are smooth (or as close as you can get it).

DM60-80 tools should be dressed every 500 linear feet or 1-2 times a week if run everyday (1 shift).

DM20 sink tools should be dressed 2-3 times a week if on one shift. Double if run during 2-3 shifts and or, after being used on extremely hard material.

EDM tooling

Redressing

DM60-80 tools should be sent in for EDM every 5,000-7,000 linear feet (for optimum life).

DM20 tools can be EDM'd but some customers push them till they are consumed dressing regularly along the way.

Every tool set will be different, the tooling ran more frequently will tend to burn out faster. It all depends on a few things; tooling is there to profile, not hog off a ton of material, so set up is key. The lighter the better. It is or should be the responsibility of the CNC operator to keep an eye on the tooling and watch out for heavy lines that they cannot dress out with the dressing sticks, that means it's time to EDM the tools.

Note: Not every shop is the same, some shops run all quartz or various types of granite, extra hard, hard, soft, medium or some shops run everything engineered stone, granite, quartzite. Quartzite eats and usually consumes the tooling, although these materials are completely manageable if the time is taken to step cut with the segmented G1.

RPM & Feed Rate

Working Parameters

High speeds in the CNC industry are desired by some fabricators depending on their business model and capabilities. Nicolai tools are proven to work very efficiently at high speeds and produce quality polish. Certain factors need to be considered though when preparing for this direction. The amount of water outflow from the machine, increased maintenance of tools (dressing, EDM), and wear/depreciation of spindle and machine.

The trend in the market and what is most common is normal feeds and speeds. Not rushing and pushing the machines to their highest capabilities comes with its redundancies. It is more tailored towards quality control and consistency instead of production throughput.

RECOMMENDED PARAMETERS**Breakers and or Super Z:***Breakers:*

4500 - 6000 rpm @ 50 - 60 IPM (1250-1500mm/min.)

Super Z:

5000 - 6000 rpm @ 60 - 80 IPM (1500-2000mm/min.)

Removal rates DM20-DM120:

G1: 0.010 - 0.012" / 0.25 - 0.30 mm (to profile)

G3: 0.006 - 0.008" / 0.15 - 0.20 mm

G4: 0.002 - 0.004" / 0.05 - 0.10 mm

G5-G8: 0 - 0.000" / 0.0 - 0.0 mm

METAL & RESIN (120MM DIAMETER)

Working Parameters

TYPE	RPM	FEED (mm/min.)	FEED (inch/min.)
Seg. G1	4500 - 5500	900 - 1600	35-65
Cont. G3	5000 - 5500	2000 - 3700	80-150
Cont. G4	5000 - 5500	2000 - 3700	80-150
Cont. G5	5000 - 5500	1200	50
Cont. G6F	4200	750 - 1000	30-40
Resin G6	3000	1000	40
Resin G7	3000	1000	40
Resin G8	3000	1000	40

METAL & RESIN (80-60MM DIAMETER)

Working Parameters

TYPE	RPM	FEED (mm/min.)	FEED (inch/min.)
Seg. G1	5000 - 5500	1000 - 2000	40-80
Cont. G3	5000 - 6000	2000 - 3700	80-150
Cont. G4	5000 - 6000	2000 - 3700	80-150
Cont. G5	5000 - 5500	1200 - 1500	50-60
Cont. G6F	4200	750 - 900	30-35
Resin G6	2800	1000	40-60
Resin G7	2800	1000	40-60
Resin G8	2800	1000	40-60

METAL & RESIN (40MM DIAMETER)

Working Parameters

TYPE	RPM	FEED (mm/min.)	FEED (inch/min.)
Seg. G1	5000 - 6000	1000 - 1500	40-60
Cont. G3	5000 - 6000	1250 - 2500	50-100
Cont. G4	5000 - 6000	1250 - 2500	50-100
Cont. G5	5000 - 5500	1250 - 1500	50-60
Cont. G6F	4200	750 - 900	30-35
Resin G6	2800	1000	50
Resin G7	2800	1000	50
Resin G8	2800	1000	50

METAL & RESIN (20MM DIAMETER)

Working Parameters

TYPE	RPM	FEED (mm/min.)	FEED (inch/min.)
Seg. G1	6000 - 6500	750-900	30-35
Cont. G3	6000 - 6500	750-900	30-35
Cont. G4	6000 - 6500	750-900	30-35
Cont. G5	6000 - 6500	650-900	25-35
Cont. G6F	6000 - 6500	650-900	25-35
Resin G6	2500	650-900	20-30
Resin G7	2500	650-900	20-30
Resin G8	2500	650-900	20-30

Please Notice:

1. All the REMOVAL parameters have to be taken as a guide line and not as a goal: the less removal you have with getting all your shape and previous diamond line, the better will be for your tool life.
2. You can use the Nicolai wheels even with "special" materials like quartzite, dekton, lapitek... but the RPM should be dropped in the 3500-4500 zone and FEED should be dropped in the 30-50% zone.

High-Speed Parameters:

It's not a bad idea to run the tools for 100meters (330 linear feet) first to get them worn in for the high speeds. If using super z at these speeds you can expect .5mm of wear per 400-500 linear meters. This should be accounted for when programming and progressing through tool life.

Super Z: 120" per min / removal to shape

G1: 355" (900mm) per min / .008" (0.20mm) removal

G3: 510" (1250mm) per min / .006" (0.15mm) removal

G4: 510" (1250mm) per min / .004" (0.10mm) removal

G5: 100" (250mm) per min / .002" (0.05mm) removal

G6 (metal): 60" (150mm) per min / .001" (0.02) removal

G7: 70" (175mm) per min / 0

G8: 70" (175mm) per min / 0

RPM

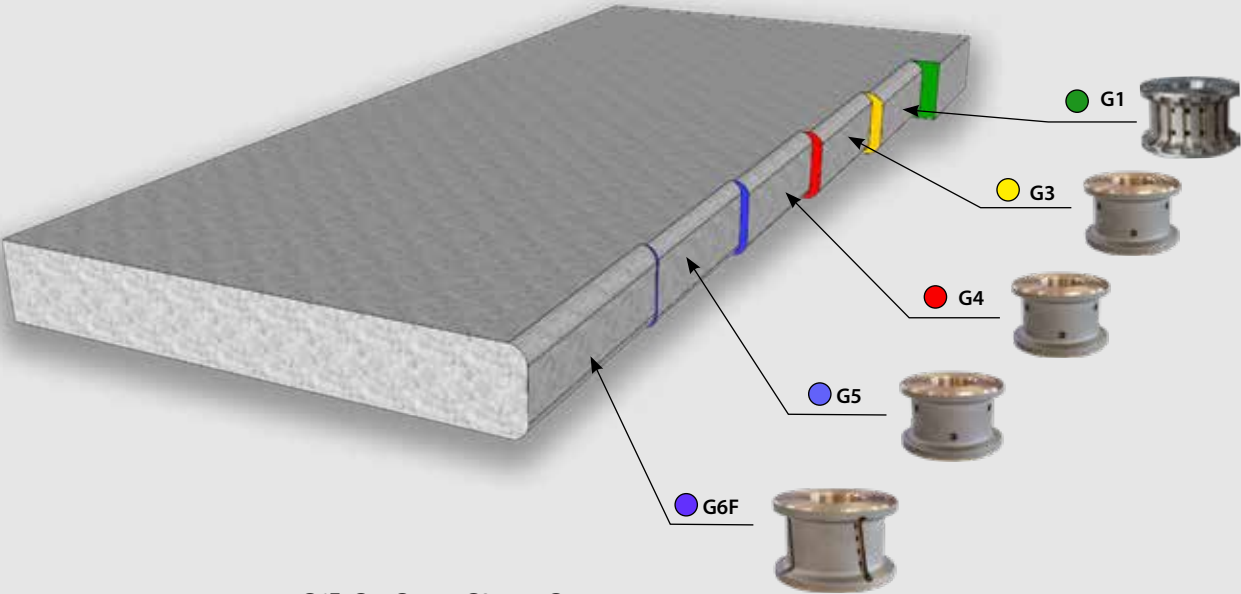
5500 for all metals except last metal

Last metal 5000 rpm

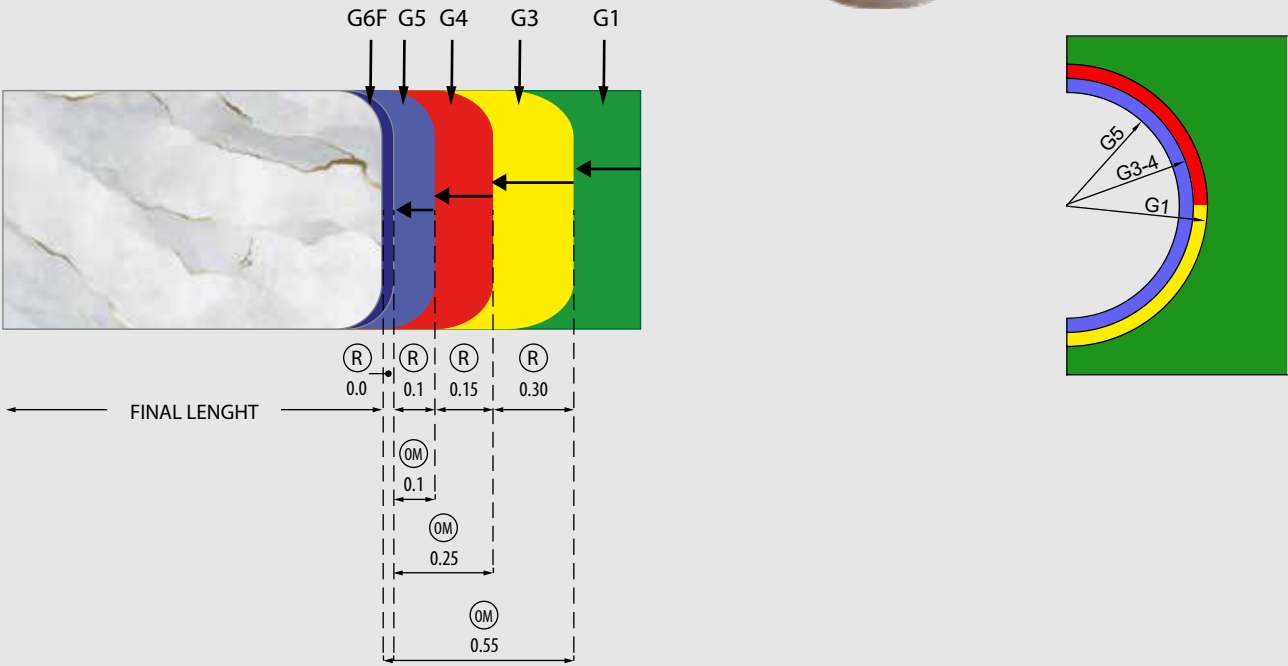
2700 for polisher

Advised Use of Metal Wheels

Material REMOVAL RATES OF #G1, #G3, #G4, #G5, #G6F



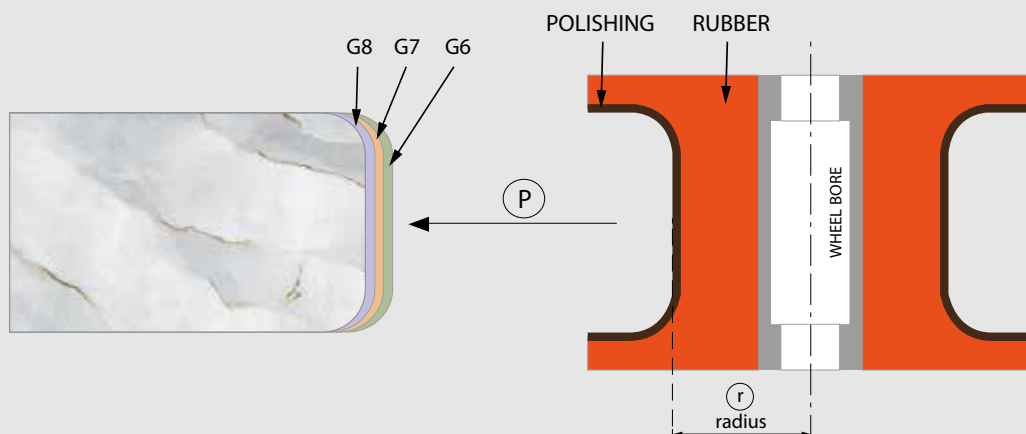
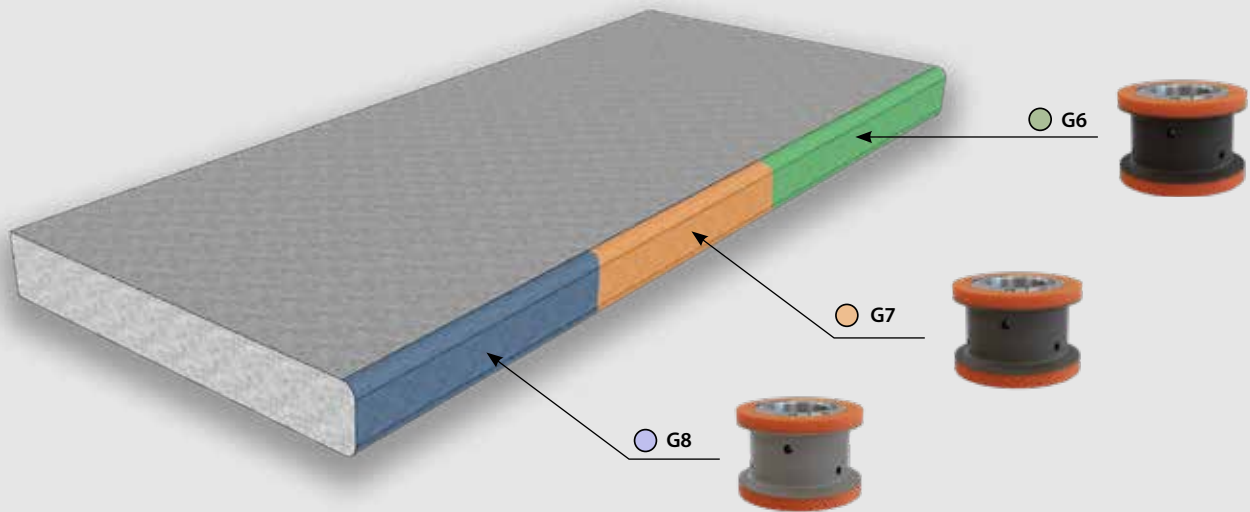
PROFILING



STEP	TYPE	GRIT	Removal (R) / Offset		Over Material (OM)	
			from - to (mm)	from - to (inches)	from - to (mm)	from - to (inches)
Step 1	Segmented	G1	-	-	0,500 - 0,225	0,020" - 0,009"
Step 2	Continuous	G3	0,300 - 0,150	0,012" - 0,006"	0,200 - 0,075	0,008" - 0,003"
Step 3	Continuous	G4	0,150 - 0,050	0,006" - 0,002"	0,050 - 0,025	0,002" - 0,001"
Step 4	Continuous	G5	0,050 - 0,025	0,002" - 0,001"	0,000 - 0,000	0,000" - 0,000"
Step 5 (option)	Continuous/slot	G6F	0,000 - 0,000	0,000" - 0,000"	0,000 - 0,000	0,000" - 0,000"

Advised Use of Polishing Wheels

Offsets & Pressures of #G6, #G7, #G8



$$\textcircled{P} = \textcircled{r} - \textcircled{R} \quad (\text{Removal/offset})$$

Pressure = radius of the wheel - Removal (see table below)

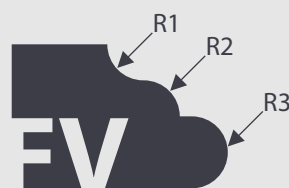
PROFILING

STEP	TYPE	GRIT	Removal (R) / Offset		Over Material (OM)	
			from - to (mm)	from - to (inches)	from - to (mm)	from - to (inches)
Step 5	Joylite	G6	0.000 - 0.000	0.000" - 0.000"	0.000 - 0.000	0.000" - 0.000"
Step 6	Joylite	G7	0.000 - 0.000	0.000" - 0.000"	0.000 - 0.000	0.000" - 0.000"
Step 7	Joylite	G8	0.000 - 0.000	0.000" - 0.000"	0.000 - 0.000	0.000" - 0.000"

Standard Profiles



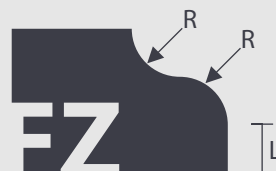
A20 R = 10
A30 R = 15
A40 R = 20



FV30 R1=7.5 R1=7.5 R1=7.5
FV40 R1=9.65 R1=7.97 R1=9.65
FV50 R1=15 R1=15 R1=11



B20 R = 20
B30 R = 30
B40 R = 40



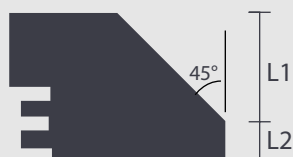
FZ30 R = 10 L = 10
FZ40 R = 10 L = 20



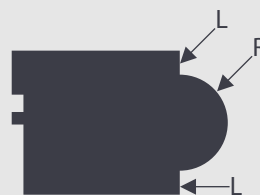
D20 R = 5.2 $\alpha = 30^\circ$
D30 R = 7.5 $\alpha = 30^\circ$
D40 R = 11.4 $\alpha = 33^\circ$
ask for more options



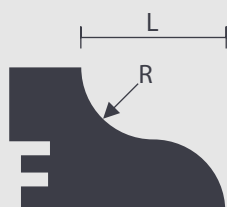
H20 R = 15 L = 5
H30 R = 25 L = 5
H40 R = 30 L = 10



E20 L1 = 15 L2 = 5
E30 L1 = 20 L2 = 10
E40 L1 = 20 L2 = 20
ask for more options



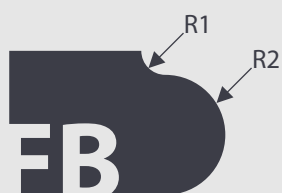
i20 R = 5 L = 6
i30 R = 5 L = 12



F20 R = 10 L = 20
F30 R = 15 L = 30
F40 R = 20 L = 40



L20 R = 10 L = 10
L30 R = 15 L = 15



FB30 R = 8 L = 12
FB40 R = 12 L = 16



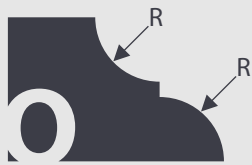
LV30 R1 = 18 R2 = 10 L = 2.5
LV40 R1 = 24 R2 = 12 L = 6



FG30 R1 = 7.5 R2 = 15
FG40 R1 = 9.5 R2 = 19



M20 R1 = 14 R2 = 6
M30 R1 = 18 R2 = 11
M40 R1 = 25 R2 = 12



O20 R=8 L=4
O30 R=12.5 L=5
O40 R=17 L=6



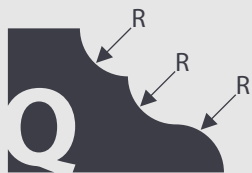
ZS20 7x7 L1=2 L2=20-L1
ZS30 7x7 L1=2 L2=30-L1
ZS40 7x7 L1=2 L2=40-L1
ZS30 10x10 L1=10 L2=20
ZS40 10x10 L1=10 L2=30



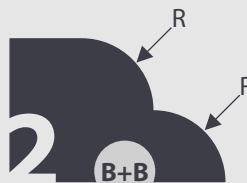
OG20 R1=20 R2=6
OG30 R1=30 R2=9



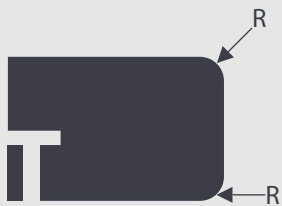
1-30 R=23
1-40 R=25



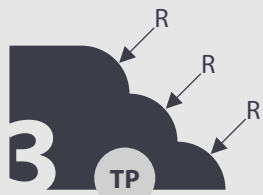
Q20 R=6.5
Q30 R=10
Q40 R=13



2-30 R=15



T20 R=3
T30 R=3 or 5
T40 R=5
ask for more options



3-20 R=6.5
3-30 R=10
3-40 R=12.5



V20 R=10
V30 R=15
V40 R=20



4-20 L1=2.5 L2=15
4-30 L1=2.5 L2=25
4-40 L1=2.5 L2=35
ask for more options



Z20 H=25
Z30 H=35
Z40 H=45



A20r (ZR) R=3, R=5
A30r (ZR) R=3, R=5, R=6, R=8, R=10
A40r (ZR) R=3, R=5, R=6, R=10

A.....radius....

J Series Profiles

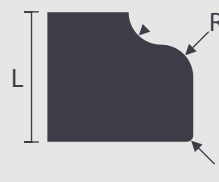
Single 2mm chamfer



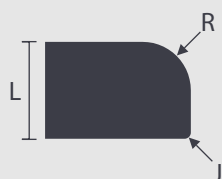
FZ30J
R = 10 mm
L = 30 mm
J = 2 mm



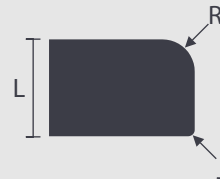
ZS30J
L1 = 10 mm
L = 30 mm
J = 2 mm



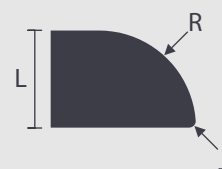
FZ40J
R = 10 mm
L = 40 mm
J = 2 mm



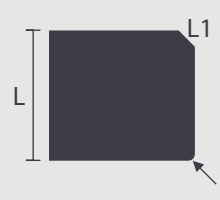
A30J R15
R = 15 mm
L = 30 mm
J = 2 mm



A30J R10
R = 10 mm
L = 30 mm
J = 2 mm



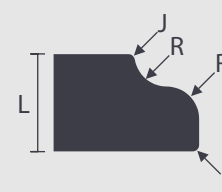
B30J
R = 30 mm
L = 30 mm
J = 2 mm



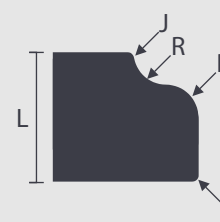
ZS40J
L1 = 5 mm
L = 30 mm
J = 2 mm

DJ Series Profiles

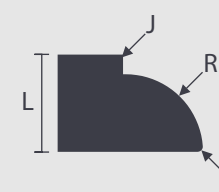
Double 2mm chamfer (up & bottom)



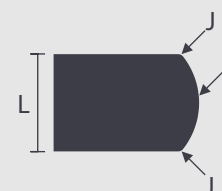
FZ30DJ
R = 10 mm
L = 30 mm
J = 2 mm



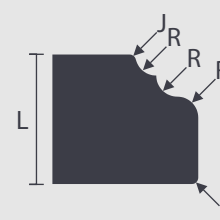
FZ40DJ
R = 10 mm
L = 40 mm
J = 2 mm



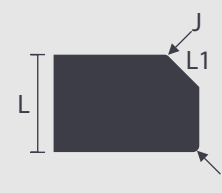
H30DJ
R = 25 mm
L = 30 mm
J = 2 mm



1-30DJ
R = 23 mm
L = 30 mm
J = 2 mm



QZ40DJ
R = 6.5 mm
L = 40 mm
J = 2 mm



ZS30DJ
L1 = 10 mm
L = 30 mm
J = 2 mm

Tornado pre-shaping wheels



TORNADO CORNER BREAKER - PROFILE "Y"

Segmented - Ultra High Speed Stock Removal

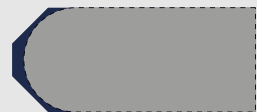


CODE	DESCRIPTION	TYPE / POSITION	RPM	FEED
DSS0940S	Y30 - MB7	Segmented / P0	4800 - 5000	1200 - 2000 mm/min.
DSS0940C	Y30 - MB5	Segmented / P0		
DSS2711Y	Y40 - MB8	Segmented / P0		
Min Ø 65 mm / Max Ø 126 mm				



TORNADO CORNER BREAKER - PROFILE "X"

Segmented - Ultra High Speed Stock Removal



CODE	DESCRIPTION	TYPE / POSITION	RPM	FEED
DSS1937S	X40 - MB9	Segmented / G1	4800 - 5000	1200 - 2000 mm/min.
on request	X30 - MB7	Segmented / G1		
Min Ø 65 mm / Max Ø 126 mm				

Pre-shaping wheels



PRE-SHAPING WHEELS - PROFILE "Y"

Segmented - Ultra High Speed Stock Removal

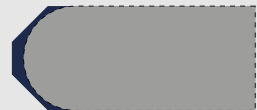


CODE	DESCRIPTION	TYPE / POSITION	RPM	FEED
ASS00045	Y40	Segmented / P0	4500	500 - 700 mm/min.
ASS00040	Y30	Segmented / P0		
Min Ø 60 mm / Max Ø 146 mm				



PRE-SHAPING WHEELS - PROFILE "X"

Segmented - Ultra High Speed Stock Removal



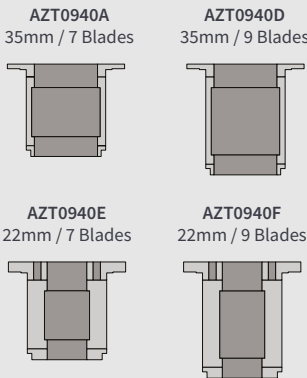
CODE	DESCRIPTION	TYPE / POSITION	RPM	FEED
ASS00015	X40	Segmented / P0	4500	500 - 700 mm/min.
ASS00010	X30	Segmented / P0		
Min Ø 60 mm / Max Ø 90 mm				

TORNADO Setup



GR / ES

BLADE HOLDERS

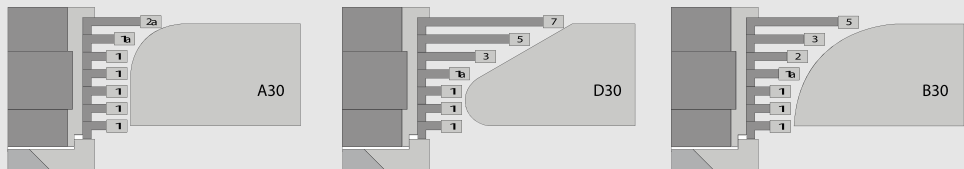


TORNADO BLADES

Max Ø 150 mm

BLADE CODE	DIAM.
ADSMB150	Ø150
ADSMB145	Ø145
ADSMB140	Ø140
ADSMB135	Ø135
ADSMB130	Ø130
ADSMB125	Ø125
ADSMB120	Ø120
ADSMB115	Ø115
ADSMB110	Ø110
ADSMB105	Ø105
ADSMB100	Ø100
ADSMB095	Ø95
ADSMB090	Ø90
ADSMB085	Ø85
ADSMB080	Ø80
ADSMB075	Ø75
ADSMB070	Ø70
AZT0940C	Spacer Ø55X10.2
AZT0940B	Locking Flange

SETUP EXAMPLES



45° Mitre System



GR / ES

TORNADO PRE-SHAPING WHEEL

Segmented - Min Ø60 / Max Ø 146 mm

STEP	CODE	TYPE	SLAB	RPM	FEED
0	DSS0940S	Multiblade	30 mm	4800- 5000	1200-2000 mm/min

Advisable the use of a Tornado before the cornerbreaker step 1 - 2



GR / ES

PRE-SHAPING WHEEL

Segmented - Min Ø60 / Max Ø 146 mm

STEP	CODE	TYPE	SLAB	RPM	FEED
2	ASS00040	Segmented G1	30 mm	4500	500 - 700 mm/min

For MARBLE you can use the Electroplated wheel D1 (DSE0940C)



GR / ES

PRE-SHAPING WHEEL

Segmented - Min Ø60 / Max Ø 146 mm

STEP	CODE	TYPE	SLAB	RPM	FEED
3	DSE0940H	Electroplated D2	30 mm	4500	800-1000 mm/min

For MARBLE you can use also the coarser grit DSE0940C)

GIOTTO series

DM80 MAX RADIUS

THICKNESS	MAX RADIUS
20 mm	4 mm
30 mm	6 mm
40 mm	4 mm

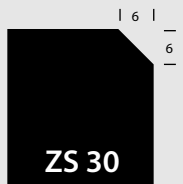
DM80 ZS PROFILE BEVELS

THICKNESS	MIN BEVEL	MAX BEVEL
20 mm		
30 mm	1x1 mm	4x4 mm
40 mm		

From Bevel 1x1 mm



..to Bevel 6x6 mm



Superior Performances
Technologically Unmatched
Eco-Friendly Tools



80

DM80
Min. Diameter



4-12 L6 / L7 / L8 / L9
4-20 L15 / L17
4-30 L24 / L25
4-40 L25
A20 R3 / R4
A30 R3 / R4 / R5 / R6
A40 R3 / R4
T12 R1.5 / R2 / R2.5 / R3
T15 R1.5 / R2 / R2.5 / R3
T16 R1.5 / R2 / R2.5 / R3
T20 R3 / R4
T30 R3 / R4 / R5 / R6
T40 R3 / R4
ZS20 2X2 / 3X3
ZS30 2X2 / 3X3 / 4X4 / 5X5 / 6X6
ZS40 2X2 / 3X3



4-30 L24 / L25
A30 R3 / R4
T30 R3 / R4
ZS30 2X2 / 3X3

120

External Diameter
(minum diam. 110)

Other Profiles Could Be Available
Upon Request

PROFILING

DM60 Profiling Wheels

for Granite & Engineered Stones



A20

R = 10

A30

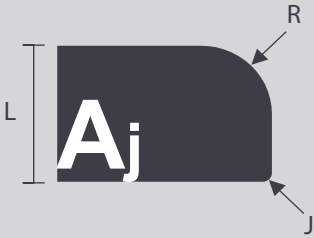
R = 15

A40

R = 20

DM60 - shape A - BORE 35mm

TYPE	20 mm	30 mm	40 mm
Segmented G1	ASS10005	ASS10105	ASS10205
Contin. Rim G1F			
Contin. Rim G3	ASF10020	ASF10120	ASF10220
Contin. Rim G4	ASF10025	ASF10125	ASF10225
Contin. Rim G5	ASF10030	ASF10130	ASF10230
Contin. Rim G6			
JoyLite G6	CSLA2099935606	CSLA3099935606	CSLA4099935606
JoyLite G7	CSLA2099935607	CSLA3099935607	CSLA4099935607
JoyLite G8	CSLA2099935608	CSLA3099935608	CSLA4099935608



A20j

R = 10

J=2

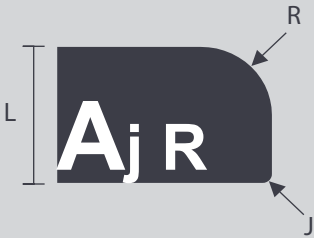
A30j

R = 15

J=2

DM60 - shape Aj - BORE 35mm

TYPE	20 mm	30 mm	40 mm
Segmented G1	ASS10005	ASS10105	
Contin. Rim G1F			
Contin. Rim G3	DSG73563	DSG47723	
Contin. Rim G4	DSG73564	DSG47724	
Contin. Rim G5	DSG73565	DSG47725	
Contin. Rim G6			
JoyLite G6	CSLA20J9935606	CSLA30J9935606	
JoyLite G7	CSLA20J9935607	CSLA30J9935607	
JoyLite G8	CSLA20J9935608	CSLA30J9935608	



A30j

R = 5

J=2

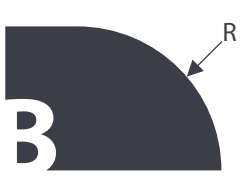
A30j

R = 10

J=2

DM60 - shape A30jr5, r10 - BORE 35mm

TYPE	30 mm radius 5	30 mm radius 10
Segmented G1	ASS17005	ASS10B05
Contin. Rim G1F		
Contin. Rim G3	DSG69523	DSG47763
Contin. Rim G4	DSG69524	DSG47764
Contin. Rim G5	DSG69525	DSG47765
Contin. Rim G6		
JoyLite G6	CSLA30J5935607	CSLA30J1035606
JoyLite G7	CSLA30J5935608	CSLA30J1035607
JoyLite G8	CSLA30J5935609	CSLA30J1035608



B20

R = 20

B30

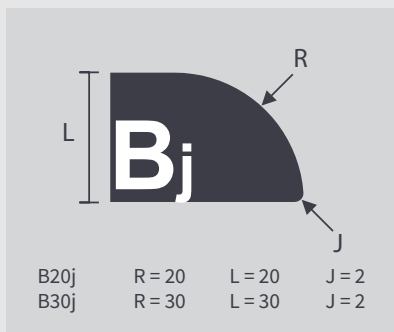
R = 30

B40

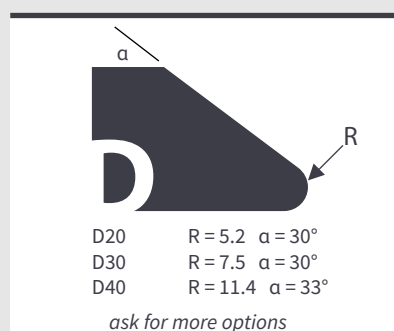
R = 40

DM60 - shape B - BORE 35mm

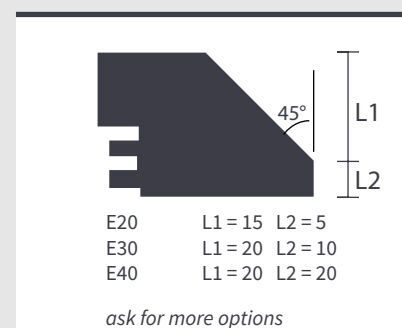
TYPE	20 mm	30 mm	40 mm
Segmented G1	ASS10305	ASS10405	ASS10505
Contin. Rim G1F			
Contin. Rim G3	ASF10320	ASF10420	ASF10520
Contin. Rim G4	ASF10325	ASF10425	ASF10525
Contin. Rim G5	ASF10330	ASF10430	ASF10530
Contin. Rim G6			
JoyLite G6	CSLB2099935606	CSLB3099935606	CSLB4099935606
JoyLite G7	CSLB2099935607	CSLB3099935607	CSLB4099935607
JoyLite G8	CSLB2099935608	CSLB3099935608	CSLB4099935608

**DM60 - shape Bj - BORE 35mm**

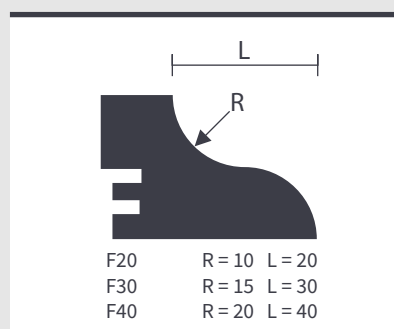
TYPE	20 mm	30 mm	40 mm
Segmented G1	ASS10105	ASS10405	
Contin. Rim G1F			
Contin. Rim G3	DSG69043	DSG55853	
Contin. Rim G4	DSG69044	DSG55854	
Contin. Rim G5	DSG69045	DSG55855	
Contin. Rim G6			
JoyLite G6	CSLB20J9935606	CSLB30J9935606	
JoyLite G7	CSLB20J9935607	CSLB30J9935607	
JoyLite G8	CSLB20J9935608	CSLB30J9935608	

**DM60 - shape D - BORE 35mm**

TYPE	20 mm	30 mm	40 mm
Segmented G1	ASS10605	ASS10705	ASS10805
Contin. Rim G1F			
Contin. Rim G3	ASF10620	ASF10720	ASF10820
Contin. Rim G4	ASF10625	ASF10725	ASF10825
Contin. Rim G5	ASF10630	ASF10730	ASF10830
Contin. Rim G6			
JoyLite G6	CSLD2099935606	CSLD3099935606	CSLD4099935606
JoyLite G7	CSLD2099935607	CSLD3099935607	CSLD4099935607
JoyLite G8	CSLD2099935608	CSLD3099935608	CSLD4099935608

**DM60 - shape E - BORE 35mm**

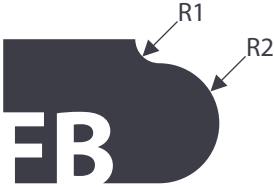
TYPE	20 mm	30 mm	40 mm
Segmented G1	ASS10905	ASS11005	ASS11105
Contin. Rim G1F			
Contin. Rim G3	ASF10920	ASF11020	ASF11120
Contin. Rim G4	ASF10925	ASF11025	ASF11125
Contin. Rim G5	ASF10930	ASF11030	ASF11130
Contin. Rim G6			
JoyLite G6	CSLE2099935606	CSLE3099935606	CSLE4099935606
JoyLite G7	CSLE2099935607	CSLE3099935607	CSLE4099935607
JoyLite G8	CSLE2099935608	CSLE3099935608	CSLE4099935608

**DM60 - shape F - BORE 35mm**

TYPE	20 mm	30 mm	40 mm
Segmented G1	ASS11205	ASS11305	ASS11405
Contin. Rim G1F			
Contin. Rim G3	ASF11220	ASF11320	ASF11420
Contin. Rim G4	ASF11225	ASF11325	ASF11425
Contin. Rim G5	ASF11230	ASF11330	ASF11430
Contin. Rim G6			
JoyLite G6	CSLF2099935606	CSLF3099935606	CSLF4099935606
JoyLite G7	CSLF2099935607	CSLF3099935607	CSLF4099935607
JoyLite G8	CSLF2099935608	CSLF3099935608	CSLF4099935608

DM60 Profiling Wheels

for Granite & Engineered Stones



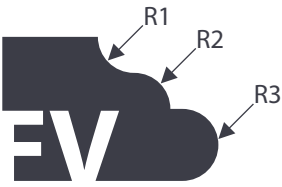
FB30 R = 8 L = 12
FB40 R = 12 L = 16

DM60 - shape FB - BORE 35mm			
TYPE	20 mm	30 mm	40 mm
Segmented G1		DSS3906S	DSS2465S
Contin. Rim G1F			
Contin. Rim G3		DSG39063	DSG24653
Contin. Rim G4		DSG39064	DSG24654
Contin. Rim G5		DSG39065	DSG24655
Contin. Rim G6			
JoyLite G6		CSL530S4935606	CSL540S4935606
JoyLite G7		CSL530S4935607	CSL540S4935607
JoyLite G8		CSL530S4935608	CSL540S4935608



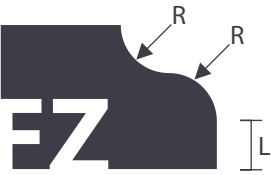
FG30 R1 = 7.5 R2 = 15
FG40 R1 = 9.5 R2 = 19

DM60 - shape FG - BORE 35mm			
TYPE	20 mm	30 mm	40 mm
Segmented G1		DSS3831S	DSS2236S
Contin. Rim G1F			
Contin. Rim G3		DSG38313	DSG22363
Contin. Rim G4		DSG38314	DSG22364
Contin. Rim G5		DSG38315	DSG22365
Contin. Rim G6			
JoyLite G6		CSLFG309935606	CSLFG409935606
JoyLite G7		CSLFG309935607	CSLFG409935607
JoyLite G8		CSLFG309935608	CSLFG409935608



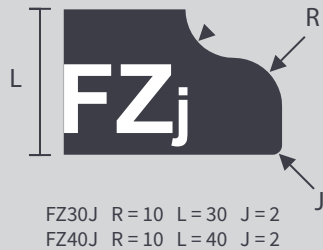
FV30 R1=7.5 R2=7.5 R3=7.5
FV40 R1=9.65 R2=7.97 R3=9.65
FV50 R1=15 R2=15 R3=11

DM60 - shape FV - BORE 35mm			
TYPE	20 mm	30 mm	40 mm
Segmented G1	DSS1948S	DSS1954S	DSS2115S
Contin. Rim G1F			
Contin. Rim G3	DSG19483	DSG19543	DSG21153
Contin. Rim G4	DSG19484	DSG19544	DSG21154
Contin. Rim G5	DSG19485	DSG19545	DSG21155
Contin. Rim G6			
JoyLite G6		CSLF15V1535606	CSLF20V2035606
JoyLite G7		CSLF15V1535607	CSLF20V2035607
JoyLite G8		CSLF15V1535608	CSLF20V2035608

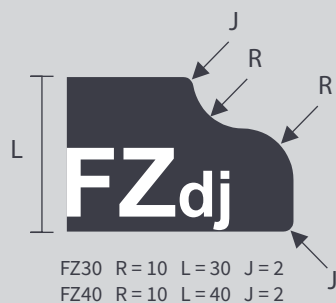


FZ30 R = 10 L = 10
FZ40 R = 10 L = 20

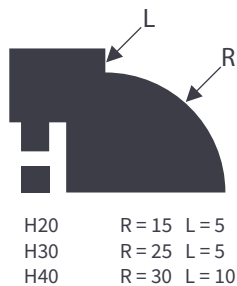
DM60 - shape FZ - BORE 35mm			
TYPE	20 mm	30 mm	40 mm
Segmented G1	DSS4091S	DSS0507S	ASS1870S
Contin. Rim G1F			
Contin. Rim G3	DSG40913	DSG05073	ASF18720
Contin. Rim G4	DSG40914	DSG05074	ASF18725
Contin. Rim G5	DSG40915	DSG05075	ASF18730
Contin. Rim G6			
JoyLite G6	CSLFZ209935606	CSLF2010935606	CSLF2020935606
JoyLite G7	CSLFZ209935607	CSLF2010935607	CSLF2020935607
JoyLite G8	CSLFZ209935608	CSLF2010935608	CSLF2020935608

**DM60 - shape FZ J - BORE 35mm**

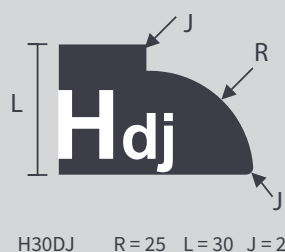
TYPE	20 mm	30 mm	40 mm
Segmented G1		DSS0507S	ASS18705
Contin. Rim G1F			
Contin. Rim G3		DSG46663	DSG47823
Contin. Rim G4		DSG46664	DSG47824
Contin. Rim G5		DSG46665	DSG47825
Contin. Rim G6			
JoyLite G6		CSLFZ30J935606	CSLFZ40J935606
JoyLite G7		CSLFZ30J935607	CSLFZ40J935607
JoyLite G8		CSLFZ30J935608	CSLFZ40J935608

**DM60 - shape FZ DJ - BORE 35mm**

TYPE	20 mm	30 mm	40 mm
Segmented G1		DSS0507S	ASS18705
Contin. Rim G1F			
Contin. Rim G3		DSG57973	DSG58313
Contin. Rim G4		DSG57974	DSG58314
Contin. Rim G5		DSG57975	DSG58315
Contin. Rim G6			
JoyLite G6		CSLFZ30DJ35606	CSLFZ40DJ35606
JoyLite G7		CSLFZ30DJ35607	CSLFZ40DJ35607
JoyLite G8		CSLFZ30DJ35608	CSLFZ40DJ35608

**DM60 - shape H - BORE 35mm**

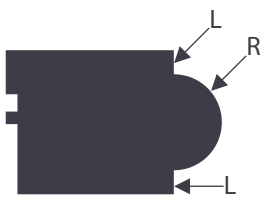
TYPE	20 mm	30 mm	40 mm
Segmented G1	ASS11505	ASS11605	ASS11705
Contin. Rim G1F			
Contin. Rim G3	ASF11520	ASF11620	ASF11720
Contin. Rim G4	ASF11525	ASF11625	ASF11725
Contin. Rim G5	ASF11530	ASF11630	ASF11730
Contin. Rim G6			
JoyLite G6	CSLH2099935606	CSLH3099935606	CSLH4099935606
JoyLite G7	CSLH2099935607	CSLH3099935607	CSLH4099935607
JoyLite G8	CSLH2099935608	CSLH3099935608	CSLH4099935608

**DM60 - shape H DJ - BORE 35mm**

TYPE	20 mm	30 mm	40 mm
Segmented G1		ASS11605	
Contin. Rim G1F			
Contin. Rim G3		DSG59533	
Contin. Rim G4		DSG59534	
Contin. Rim G5		DSG59535	
Contin. Rim G6			
JoyLite G6		CSLH30DJ935606	
JoyLite G7		CSLH30DJ935607	
JoyLite G8		CSLH30DJ935608	

DM60 Profiling Wheels

for Granite & Engineered Stones



i20 R = 5 L = 6
i30 R = 5 L = 12

DM60 - shape I - BORE 35mm

TYPE	20 mm	30 mm	40 mm
Segmented G1	ASS14805	ASS14905	
Contin. Rim G1F			
Contin. Rim G3	ASF14820	ASF14920	
Contin. Rim G4	ASF14825	ASF14925	
Contin. Rim G5	ASF14830	ASF14930	
Contin. Rim G6			
JoyLite G6	CSLI2099935606	CSLI3099935606	
JoyLite G7	CSLI2099935607	CSLI3099935607	
JoyLite G8	CSLI2099935608	CSLI3099935608	



L20 R = 10 L = 10
L30 R = 15 L = 15

DM60 - shape L - BORE 35mm

TYPE	20 mm	30 mm	40 mm
Segmented G1	ASS11805	ASS11905	ASS12005
Contin. Rim G1F			
Contin. Rim G3	ASF11820	ASF11920	ASF12020
Contin. Rim G4	ASF11825	ASF11925	ASF12025
Contin. Rim G5	ASF11830	ASF11930	ASF12030
Contin. Rim G6			
JoyLite G6	CSLL2099935606	CSLL3099935606	CSLL4099935606
JoyLite G7	CSLL2099935607	CSLL3099935607	CSLL4099935607
JoyLite G8	CSLL2099935608	CSLL3099935608	CSLL4099935608



LV30 R1 = 18 R2 = 10 L = 2.5
LV40 R1 = 24 R2 = 12 L = 6

DM60 - shape LV - BORE 35mm

TYPE	20 mm	30 mm	40 mm
Segmented G1		DSS10865	DSS30225
Contin. Rim G1F			
Contin. Rim G3		DSG10863	DSG30223
Contin. Rim G4		DSG10864	DSG30224
Contin. Rim G5		DSG10865	DSG30225
Contin. Rim G6			
JoyLite G6		CSLL15V1535606	CSLL20V2035606
JoyLite G7		CSLL15V1535607	CSLL20V2035607
JoyLite G8		CSLL15V1535608	CSLL20V2035608



M20 R1 = 14 R2 = 6
M30 R1 = 18 R2 = 11
M40 R1 = 25 R2 = 12

DM60 - shape M - BORE 35mm

TYPE	20 mm	30 mm	40 mm
Segmented G1	ASS12105	ASS12205	ASS12305
Contin. Rim G1F			
Contin. Rim G3	ASF12120	ASF12220	ASF12320
Contin. Rim G4	ASF12125	ASF12225	ASF12325
Contin. Rim G5	ASF12130	ASF12230	ASF12330
Contin. Rim G6			
JoyLite G6	CSLM2099935606	CSLM3099935606	CSLM4099935606
JoyLite G7	CSLM2099935607	CSLM3099935607	CSLM4099935607
JoyLite G8	CSLM2099935608	CSLM3099935608	CSLM4099935608



O20 R = 8 L = 4
 O30 R = 12.5 L = 5
 O40 R = 17 L = 6

DM60 - shape O - BORE 35mm

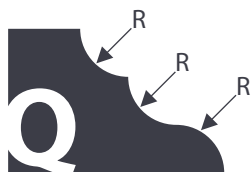
TYPE	20 mm	30 mm	40 mm
Segmented G1	ASS12405	ASS12505	ASS12605
Contin. Rim G1F			
Contin. Rim G3	ASF12420	ASF12520	ASF12620
Contin. Rim G4	ASF12425	ASF12525	ASF12625
Contin. Rim G5	ASF12430	ASF12530	ASF12630
Contin. Rim G6			
JoyLite G6	CSLO2099935606	CSLO3099935606	CSLO4099935606
JoyLite G7	CSLO2099935607	CSLO3099935607	CSLO4099935607
JoyLite G8	CSLO2099935608	CSLO3099935608	CSLO4099935608



OG20 R1 = 20 R2 = 6
 OG30 R1 = 30 R2 = 9

DM60 - shape OG - BORE 35mm

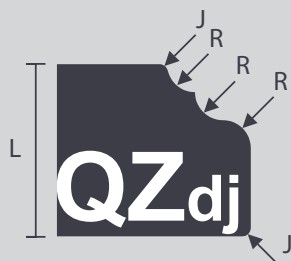
TYPE	20 mm	30 mm	40 mm
Segmented G1	DSS3352S	DSS3272S	
Contin. Rim G1F			
Contin. Rim G3	DSG33523	DSG32723	
Contin. Rim G4	DSG33524	DSG32724	
Contin. Rim G5	DSG33525	DSG32725	
Contin. Rim G6			
JoyLite G6	CSLOG209935606	CSLOG309935606	
JoyLite G7	CSLOG209935607	CSLOG309935607	
JoyLite G8	CSLOG209935608	CSLOG309935608	



Q20 R = 6.5
 Q30 R = 10
 Q40 R = 13

DM60 - shape Q - BORE 35mm

TYPE	20 mm	30 mm	40 mm
Segmented G1	ASS16005	ASS16105	ASS16205
Contin. Rim G1F			
Contin. Rim G3	ASF16020	ASF16120	ASF16220
Contin. Rim G4	ASF16025	ASF16125	ASF16225
Contin. Rim G5	ASF16030	ASF16130	ASF16230
Contin. Rim G6			
JoyLite G6	CSLQ2099935606	CSLQ3099935606	CSLQ4099935606
JoyLite G7	CSLQ2099935607	CSLQ3099935607	CSLQ4099935607
JoyLite G8	CSLQ2099935608	CSLQ3099935608	CSLQ4099935608



QZ40DJ R = 6.5 L = 40 J = 2

DM60 - shape QZ DJ - BORE 35mm

TYPE	20 mm	30 mm	40 mm
Segmented G1			DSS5499S
Contin. Rim G1F			
Contin. Rim G3			DSG54993
Contin. Rim G4			DSG54994
Contin. Rim G5			DSG54995
Contin. Rim G6			
JoyLite G6			CSLQZ40DJ35606
JoyLite G7			CSLQZ40DJ35607
JoyLite G8			CSLQZ40DJ35608

DM60 Profiling Wheels

for Granite & Engineered Stones



T20 R = 3
T30 R = 3 or 5
T40 R = 5

ask for more options

DM60 - shape T - BORE 35mm

TYPE	20 mm	30 mm R3	30 mm R5	40 mm
Segmented G1	ASS12705		ASS12805	ASS12905
Contin. Rim G1F	ASF12713	ASF18313	ASF12813	ASF12913
Contin. Rim G3	ASF12720	ASF18320	ASF12820	ASF12920
Contin. Rim G4	ASF12725	ASF18325	ASF12825	ASF12925
Contin. Rim G5	ASF12730	ASF18330	ASF12830	ASF12930
Contin. Rim G6	ASF12735	ASF18335	ASF12835	ASF12935
JoyLite G6	CSLT20R3935606	CSLT30R3935606	CSLT30R5935606	CSLT40R5935606
JoyLite G7	CSLT20R3935607	CSLT30R3935607	CSLT30R5935607	CSLT40R5935607
JoyLite G8	CSLT20R3935608	CSLT30R3935608	CSLT30R5935608	CSLT40R5935608



V20 R = 10
V30 R = 15
V40 R = 20

DM60 - shape V - BORE 35mm

TYPE	20 mm	30 mm	40 mm
Segmented G0			
Segmented G1	ASS13005	ASS13105	ASS13205
Contin. Rim G1			
Contin. Rim G3	ASF13020	ASF13120	ASF13220
Contin. Rim G4	ASF13025	ASF13125	ASF13225
Contin. Rim G5	ASF13030	ASF13130	ASF13230
Contin. Rim G6	CSLV2099935606	CSLV3099935606	CSLV4099935606
JoyLite G6	CSLV2099935607	CSLV3099935607	CSLV4099935607
JoyLite G7	CSLV2099935608	CSLV3099935608	CSLV4099935608
JoyLite G8	CSLO2099935608	CSLO3099935608	CSLO4099935608



V50 R = 25
V60 R = 30
V80 R = 40

DM60 - shape V - BORE 35mm

TYPE	50 mm	60 mm	80 mm
Segmented G0		ASS00025	DSS26380
Segmented G1	ASS13305	ASS13405	DSS2638S
Contin. Rim G1			
Contin. Rim G3	ASF13320	ASF13420	DSS26383 SEG
Contin. Rim G4	ASF13325	ASF13425	DSS26384 SEG
Contin. Rim G5	ASF13330	ASF13430	DSS26385 SEG
Contin. Rim G6	CSLV5099935606	CSLV6099935606	
JoyLite G6	CSLV5099935607	CSLV6099935607	
JoyLite G7	CSLV5099935608	CSLV6099935608	
JoyLite G8			



Z30 H =35
Z40 H =45
Z50 H =55

DM60 - shape Z - BORE 35mm (BEST SET G1F+G3+G5+G6F+G7+G8)

TYPE	30 mm	40 mm	50 mm
Segmented G1	ASS14505	ASS14605	ASS14705
Contin. Rim G1F	ASF14513	ASF14613	ASF14713
Contin. Rim G3	ASF14520	ASF14620	ASF14720
Contin. Rim G4	ASF14525	ASF14625	ASF14725
Contin. Rim G5	ASF14530	ASF14630	ASF14730
Contin. Rim G6	ASF14535	ASF14635	ASF14735
JoyLite G6	CSLZ3599935606	CSLZ4599935606	CSLZ5599935606
JoyLite G7	CSLZ3599935607	CSLZ4599935607	CSLZ5599935607
JoyLite G8	CSLZ3599935608	CSLZ4599935608	CSLZ5599935608

A.....radius....



A20r (ZR) R = 3, R = 5
 A30r (ZR) R = 3, R = 5, R=6, R=8, R=10
 A40r (ZR) R = 3, R = 5, R=6, R=10

DM60 - shape ZR - BORE 35mm

TYPE	20 mm R=5	30 mm R=5	40 mm R=6
Segmented G1	ASS19405	ASS17005	ASS17805
Contin. Rim G1F			
Contin. Rim G3	ASF19420	ASF17020	ASF17820
Contin. Rim G4	ASF19425	ASF17025	ASF17825
Contin. Rim G5	ASF19430	ASF17030	ASF17830
Contin. Rim G6			
JoyLite G6		CSLA30R5935606	CSLA40R6935606
JoyLite G7		CSLA30R5935607	CSLA40R6935607
JoyLite G8		CSLA30R5935608	CSLA40R6935608



ZS20 5x5 L1 = 5 L2 = 15
 ZS30 5x5 L1 = 5 L2 = 25
 ZS40 5x5 L1 = 5 L2 = 35
 Max Champf. 6x6 - Min. 2x2

DM60 - shape ZS 5x5 - BORE 35mm

TYPE	20 mm	30 mm	40 mm
Segmented G1	DSS5159S	DSS1425S	DSS4740S
Contin. Rim G1F		DSG1425A	DSG4740A
Contin. Rim G3	DSG51593	DSG14253	DSG47403
Contin. Rim G4	DSG51594	DSG14254	DSG47404
Contin. Rim G5	DSG51595	DSG14255	DSG47405
Contin. Rim G6		DSG14256	DSG47406
JoyLite G6		CSLZS300735606	CSLZS400735606
JoyLite G7		CSLZS300735607	CSLZS400735607
JoyLite G8		CSLZS300735608	CSLZS400735608



ZS30 10x10 L1 = 10 L2 = 20
 ZS40 10x10 L1 = 10 L2 = 30

DM60 - shape ZS 10x10 - BORE 35mm

TYPE	20 mm	30 mm	40 mm
Segmented G1		DSS0508SM3P	DSS1496S
Contin. Rim G1F		DSG0508A	
Contin. Rim G3		DSG05083	DSG14963
Contin. Rim G4		DSG05084	DSG14964
Contin. Rim G5		DSG05085	DSG14965
Contin. Rim G6		DSG05086	DSG14966
JoyLite G6		CSLZS301235606	CSLZS401035606
JoyLite G7		CSLZS301235607	CSLZS401035607
JoyLite G8		CSLZS301235608	CSLZS401035608



ZS20J 7X7 L1 = 5 L2 = 13 J = 2
 ZS30J 10X10 L1 = 10 L2 = 18 J = 2
 ZS30J 7X7 L1 = 7 L2 = 21 J = 2

DM60 - shape ZS J - BORE 35mm

TYPE	20 mm 7X7	30 mm 10X12	30 mm 7X7 L21
Segmented G1	DSS5159S	DSS0508S	DSS1425S
Contin. Rim G1F			
Contin. Rim G3	DSG62263	DSG54543	DSG52063
Contin. Rim G4	DSG62264	DSG54544	DSG52064
Contin. Rim G5	DSG62265	DSG54545	DSG52065
Contin. Rim G6			
JoyLite G6	CSLZS20J735606	CSLZS30J935606	CSLZS30J735606
JoyLite G7	CSLZS20J735607	CSLZS30J935607	CSLZS30J735607
JoyLite G8	CSLZS20J735608	CSLZS30J935608	CSLZS30J735608

DM60 Profiling Wheels

for Granite & Engineered Stones



ZS20J 7X7 L1=5 L2=13 J=2
ZS30J 10X10 L1=10 L2=18 J=2
ZS30J 7X7 L1=7 L2=21 J=2

DM60 - shape ZS J - BORE 35mm			
TYPE	20 mm 7X7	30 mm 10X12	30 mm 7X7 L21
Segmented G1	DSS5159S	DSS0508S	DSS1425S
Contin. Rim G1F			
Contin. Rim G3	DSG62263	DSG54543	DSG52063
Contin. Rim G4	DSG62264	DSG54544	DSG52064
Contin. Rim G5	DSG62265	DSG54545	DSG52065
Contin. Rim G6			
JoyLite G6	CSLZS20J735606	CSLZS30J935606	CSLZS30J735606
JoyLite G7	CSLZS20J735607	CSLZS30J935607	CSLZS30J735607
JoyLite G8	CSLZS20J735608	CSLZS30J935608	CSLZS30J735608



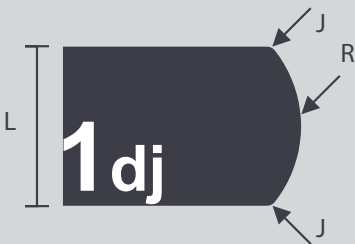
ZS30DJ L1=7 (incl. J) L2=21 J=2

DM60 - shape ZS DJ - BORE 35mm	
TYPE	30 mm
Segmented G1	DSS1425S
Contin. Rim G1F	
Contin. Rim G3	DSG59583
Contin. Rim G4	DSG59584
Contin. Rim G5	DSG59585
Contin. Rim G6	
JoyLite G6	CSLZS30DJ35606
JoyLite G7	CSLZS30DJ35607
JoyLite G8	CSLZS30DJ35608



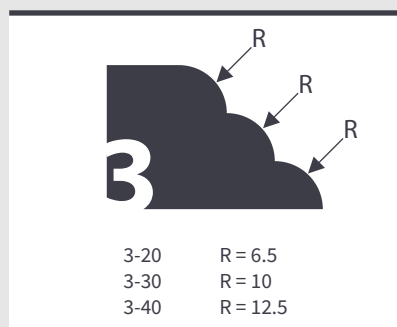
1-30 L30
1-40 L40

DM60 - shape 1 - BORE 35mm		
TYPE	30 mm	40 mm
Segmented G1	ASS16405	ASS16505
Contin. Rim G1F		
Contin. Rim G3	ASF16420	ASF16520
Contin. Rim G4	ASF16425	ASF16525
Contin. Rim G5	ASF16430	ASF16530
Contin. Rim G6		
JoyLite G6	CSL13099935606	CSL14099935606
JoyLite G7	CSL13099935607	CSL14099935607
JoyLite G8	CSL13099935608	CSL14099935608

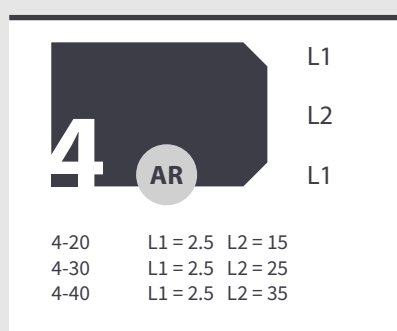


1-12DJ R=18 L=12 J=2
1-30DJ R=23 L=30 J=2

DM60 - shape 1 - BORE 35mm		
TYPE	12 mm	30 mm
Segmented G1	DSG7398A	ASS16405
Contin. Rim G1F		
Contin. Rim G3	DSG73983	DSG60373
Contin. Rim G4	DSG73984	DSG60374
Contin. Rim G5	DSG73985	DSG60375
Contin. Rim G6	DSG73986	
JoyLite G6	CSL112DJ935606	CSL130DJ935606
JoyLite G7	CSL112DJ935607	CSL130DJ935607
JoyLite G8	CSL112DJ935608	CSL130DJ935608

**DM60 - shape 3 - BORE 35mm**

TYPE	20 mm	30 mm	40 mm
Segmented G1	ASS13905	ASS14005	ASS14105
Contin. Rim G1F			
Contin. Rim G3	ASF13920	ASF14020	ASF14120
Contin. Rim G4	ASF13925	ASF14025	ASF14125
Contin. Rim G5	ASF13930	ASF14030	ASF14130
Contin. Rim G6			
JoyLite G6	CSL32099935606	CSL33099935606	CSL34099935606
JoyLite G7	CSL32099935607	CSL33099935607	CSL34099935607
JoyLite G8	CSL32099935608	CSL33099935608	CSL34099935608

**DM60 - shape 4 - BORE 35mm**

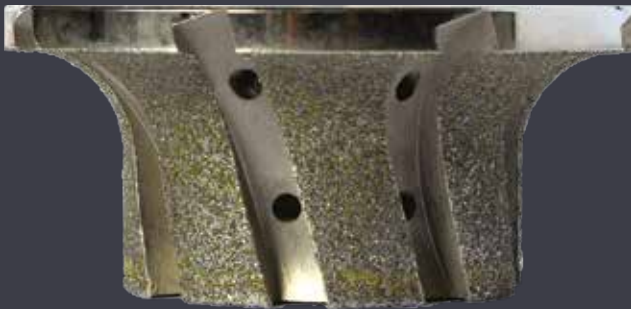
TYPE	20 mm	30 mm	40 mm
Segmented G1	ASS14205	ASS14305	ASS14405
Contin. Rim G1F	ASF14213	ASF14313	ASF14413
Contin. Rim G3	ASF14220	ASF14320	ASF14420
Contin. Rim G4	ASF14225	ASF14325	ASF14425
Contin. Rim G5	ASF14230	ASF14330	ASF14430
Contin. Rim G6	ASF14235	ASF14335	ASF14435
JoyLite G6	CSL42099935606	CSL43099935606	CSL44099935606
JoyLite G7	CSL42099935607	CSL43099935607	CSL44099935607
JoyLite G8	CSL42099935608	CSL43099935608	CSL44099935608

ask for more options

Electroplated DM60 Profiling Wheels

for Marble

Galvanized Diamond Plating
35 mm bore
(20 & 22 mm upon request)



KIT 3 ELE + 2 ABR

ELE PARAMETERS

WHEEL	RPM	FEED	DISTANCE
ELE D1	4500-5000	1000-1500 mm/min	To Profile
ELE D2	4500-5000	800-1200 mm/min	0.30 mm 0.012"
ELE D3	4500-5000	800-1200 mm/min	0.30 mm 0.012"



ABRASIVES PARAMETERS

WHEEL	RPM	FEED	DISTANCE
ABR 400	1000	600-800 mm/min	0.015 mm 0.0006"
ABR 5extra	1000	600-800 mm/min	0.015 mm 0.0006"



NOTE: Abrasive wheels require **Dynamic Compensation**

≡
60

DM60
Min. Diameter

ABR GR 400

ABR GR5 EXTRA

ABR GR 220
also available



DM60 ELECTROPLATED for Marble - shape A - BORE 35mm

TYPE	20 mm	30 mm	40 mm
Electroplated D1	ASE10040	ASE10140	ASE10240
Electroplated D2	ASE10050	ASE10150	ASE10250
Electroplated D3	ASE10060	ASE10160	ASE10260
Abrasive G400	ASR50075	ASR50175	ASR50275
Abrasive GR5-EX	ASR50085	ASR50185	ASR50285

**DM60 ELECTROPLATED for Marble - shape B - BORE 35mm**

TYPE	20 mm	30 mm	40 mm
Electroplated D1	ASE10340	ASE10440	ASE10540
Electroplated D2	ASE10350	ASE10450	ASE10550
Electroplated D3	ASE10360	ASE10460	ASE10560
Abrasive G400	ASR50375	ASR50475	ASR50575
Abrasive GR5-EX	ASR50385	ASR50485	ASR50585

**DM60 ELECTROPLATED for Marble - shape D - BORE 35mm**

TYPE	20 mm	30 mm	40 mm
Electroplated D1	ASE10640	ASE10740	ASE10840
Electroplated D2	ASE10650	ASE10750	ASE10850
Electroplated D3	ASE10660	ASE10760	ASE10860
Abrasive G400	ASR50675	ASR50775	ASR50875
Abrasive GR5-EX	ASR50685	ASR50785	ASR50885

**DM60 ELECTROPLATED for Marble - shape E - BORE 35mm**

TYPE	20 mm	30 mm	40 mm
Electroplated D1	ASE10940	ASE11040	ASE11140
Electroplated D2	ASE10950	ASE11050	ASE11150
Electroplated D3	ASE10960	ASE11060	ASE11160
Abrasive G400	ASR50975	ASR51075	ASR51175
Abrasive GR5-EX	ASR50985	ASR51085	ASR51185

**DM60 ELECTROPLATED for Marble - shape F - BORE 35mm**

TYPE	20 mm	30 mm	40 mm
Electroplated D1	ASE11240	ASE11340	ASE11440
Electroplated D2	ASE11250	ASE11350	ASE11450
Electroplated D3	ASE11260	ASE11360	ASE11460
Abrasive G400	ASR51275	ASR51375	ASR51475
Abrasive GR5-EX	ASR51285	ASR51385	ASR51485

**DM60 ELECTROPLATED for Marble - shape H - BORE 35mm**

TYPE	20 mm	30 mm	40 mm
Electroplated D1	ASE11540	ASE11640	ASE11740
Electroplated D2	ASE11550	ASE11650	ASE11750
Electroplated D3	ASE11560	ASE11660	ASE11760
Abrasive G400	ASR51575	ASR51675	ASR51775
Abrasive GR5-EX	ASR51585	ASR51685	ASR51785

**DM60 ELECTROPLATED for Marble - shape I - BORE 35mm**

TYPE	20 mm	30 mm	40 mm
Electroplated D1	ASE14840	ASE14940	
Electroplated D2	ASE14850	ASE14950	ASE15050
Electroplated D3	ASE14860	ASE14960	ASE15060
Abrasive G400	ASR54875	ASR54975	ASR55075
Abrasive GR5-EX	ASR54885	ASR54985	ASR55085

Electroplated DM60 Profiling Wheels

for Marble



DM60 ELECTROPLATED for Marble - shape L - BORE 35mm			
TYPE	20 mm	30 mm	40 mm
Electroplated D1	ASE11840	ASE11940	ASE12040
Electroplated D2	ASE11850	ASE11950	ASE12050
Electroplated D3	ASE11860	ASE11960	ASE12060
Abrasive G400	ASR51875	ASR51975	ASR52075
Abrasive GR5-EX	ASR51885	ASR51985	ASR52085



DM60 ELECTROPLATED for Marble - shape M - BORE 35mm			
TYPE	20 mm	30 mm	40 mm
Electroplated D1	ASE12140	ASE12240	ASE12340
Electroplated D2	ASE12150	ASE12250	ASE12350
Electroplated D3	ASE12160	ASE12260	ASE12360
Abrasive G400	ASR52175	ASR52275	ASR52375
Abrasive GR5-EX	ASR52185	ASR52285	ASR52385



DM60 ELECTROPLATED for Marble - shape O - BORE 35mm			
TYPE	20 mm	30 mm	40 mm
Electroplated D1	ASE12440	ASE12540	ASE12640
Electroplated D2	ASE12450	ASE12550	ASE12650
Electroplated D3	ASE12460	ASE12560	ASE12660
Abrasive G400	ASR52475	ASR52575	ASR52675
Abrasive GR5-EX	ASR52485	ASR52585	ASR52685



DM60 ELECTROPLATED for Marble - shape Q - BORE 35mm			
TYPE	20 mm	30 mm	40 mm
Electroplated D1	ASE16040	ASE16140	ASE16240
Electroplated D2	ASE16050	ASE16150	ASE16250
Electroplated D3	ASE16060	ASE16160	ASE16260
Abrasive G400	ASR56075	ASR56175	ASR56275
Abrasive GR5-EX	ASR56085	ASR56185	ASR56285



DM60 ELECTROPLATED for Marble - shape T - BORE 35mm			
TYPE	20 mm	30 mm	40 mm
Electroplated D1	ASE12740	ASE12840	ASE12940
Electroplated D2	ASE12750	ASE12850	ASE12950
Electroplated D3	ASE12760	ASE12860	ASE12960
Abrasive G400	ASR52775	ASR52875	ASR52975
Abrasive GR5-EX	ASR52785	ASR52885	ASR52985



DM60 ELECTROPLATED for Marble - shape V - BORE 35mm			
TYPE	20 mm	30 mm	40 mm
Electroplated D1	ASE13040	ASE13140	ASE13240
Electroplated D2	ASE13050	ASE13150	ASE13250
Electroplated D3	ASE13060	ASE13160	ASE13260
Abrasive G400	ASR53075	ASR53175	ASR53275
Abrasive GR5-EX	ASR53085	ASR53185	ASR53285

**DM60 ELECTROPLATED for Marble - shape Z - BORE 35mm**

TYPE	20 mm	30 mm	40 mm
Electroplated D1	ASE14540	ASE14640	ASE14740
Electroplated D2	ASE14550	ASE14650	ASE14750
Electroplated D3	ASE14560	ASE14660	ASE14760
Abrasive G400	ASR54575	ASR54675	ASR54775
Abrasive GR5-EX	ASR54585	ASR54685	ASR54785

**DM60 ELECTROPLATED for Marble - shape 3 - BORE 35mm**

TYPE	20 mm	30 mm	40 mm
Electroplated D1	ASE13940	ASE14040	ASE14140
Electroplated D2	ASE13950	ASE14050	ASE14150
Electroplated D3	ASE13960	ASE14060	ASE14160
Abrasive G400	ASR53975	ASR54075	ASR54175
Abrasive GR5-EX	ASR53985	ASR54085	ASR54185

**DM60 ELECTROPLATED for Marble - shape 4 - BORE 35mm**

TYPE	20 mm	30 mm	40 mm
Electroplated D1	ASE14240	ASE14340	ASE14440
Electroplated D2	ASE14250	ASE14350	ASE14450
Electroplated D3	ASE14260	ASE14360	ASE14460
Abrasive G400	ASR54275	ASR54375	ASR54475
Abrasive GR5-EX	ASR54285	ASR54385	ASR54485 DWUP

NICOLAI

D I A M A N T

NEW Cheetah Blades for Quartzite



YELLOW CHEETAH

11mm slab
20mm slab

Ø400 (16")

RPM

1.450

1.450

VEL. / FEED

3.000 (mm/min.) / 120 (inch./min.)

1.600 (mm/min.) / 65 (inch./min.)

See it in action !



You Tube

DM35 & DM40 Profiling Wheels

for Granite & Engineered Stones

METAL BOND

STANDARD PARAMETERS

WHEEL	RPM	FEED (mm/min)	IPM	DISTANCE
SEG G1	5000-6000	1000-1500	40-60	To Profile
CR G3	5000 - 6000	1250 - 2500	50-100	0.30 mm 0.012"
CR G4	5000 - 6000	1250 - 2500	50-100	0.15 mm 0.006"
CR G5	5000 - 5500	1250 - 1500	50-60	0.10 mm 0.004"
CR G6F	4200	750 - 900	30-35	0.00 mm

RUBBER BOND JOYLITE

STANDARD PARAMETERS

WHEEL	RPM	FEED (mm/min)	IPM	DISTANCE
JLT G6	2800	1000	50	0 - 0.00 mm 0 - 0.00"
JLT G7	2800	1000	50	0 - 0.00 mm 0 - 0.00"
JLT G8	2800	1000	50	0 - 0.00 mm 0 - 0.00"



Medium size 35/40mm diameter
20 or 22 mm bore
JoyLite Polishing Wheels



≈
35

DM35
Min. Diameter

≈
20/22

Bore

DM35, Bore 22 mm + Bore 17mm or 1/2GAS
(other shapes available upon request)



T12	R = 2.5
T20	R = 3
T30	R = 3 or 5
T40	R = 5

DM35 - shape T - BORE 22mm (Contin.Rim)

TYPE	12 mm R2.5	20 mm R3	30 mm R3	40 mm R4
Contin. Rim G1 Bore 22	DSG7917A	DSG7795A	DSG7794A	DSG7836A
Contin. Rim G3 Bore 22	DSG79173	DSG77953	DSG77943	DSG78363
Contin. Rim G4 Bore 22	DSG79174	DSG77954	DSG77944	DSG78364
Contin. Rim G5 Bore 22	DSG79175	DSG77955	DSG77945	DSG78365

DM35 - shape T - BORE 17mm (JoyLite)

JoyLite G6 Bore 17	CSLT12R2517356	CSLT2039917356	CSLT3039917356	CSLT40R4917356
JoyLite G7 Bore 17	CSLT12R2517357	CSLT2039917357	CSLT3039917357	CSLT40R4917357
JoyLite G8 Bore 17	CSLT12R2517358	CSLT2039917358	CSLT3039917358	CSLT40R4917358

DM35 - shape T - 1/2GAS (JoyLite)

JoyLite G6 1/GAS	CSLT12R251G206	CSLT203991G206	CSLT303991G206	CSLT40R4991G206
JoyLite G7 1/GAS	CSLT12R251G207	CSLT203991G207	CSLT303991G207	CSLT40R4991G207
JoyLite G8 1/GAS	CSLT12R251G208	CSLT203991G208	CSLT303991G208	CSLT40R4991G208



DM35 - shape Z - BORE 22mm (Contin.Rim) + BORE 17mm or 1/2GAS (JoyLite)

TYPE	45 mm
Contin. Rim G1 Bore 22	DSG7896A
Contin. Rim G3 Bore 22	DSG78963
Contin. Rim G4 Bore 22	DSG78964
Contin. Rim G5 Bore 22	DSG78965

DM35 - shape Z - BORE 17mm (JoyLite)

JoyLite G6 Bore 17	CSLZ4599917356
JoyLite G7 Bore 17	CSLZ4599917357
JoyLite G8 Bore 17	CSLZ4599917358

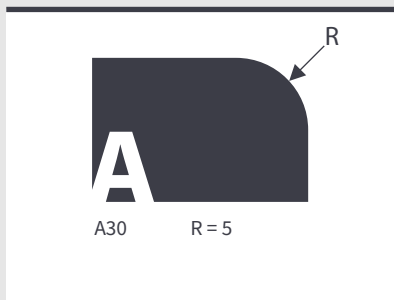
DM35 - shape Z - 1/2GAS (JoyLite)

JoyLite G6 1/GAS	CSLZ459991G206
JoyLite G7 1/GAS	CSLZ459991G207
JoyLite G8 1/GAS	CSLZ459991G208



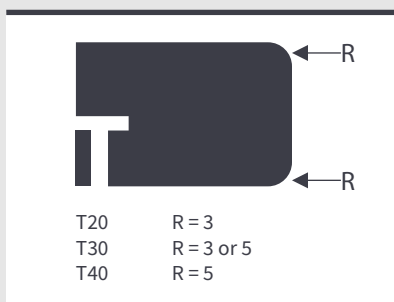
NOTE*: 3pcs minimum order (G6+G7+G8 Joylite wheels) could be requested

DM40, Bore 20 mm (other shapes available upon request)



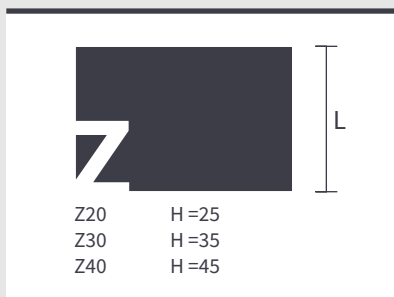
DM40 - shape A - BORE 20 mm

TYPE	30 mm R5	40 mm
Segmented G1	ASS27005	
Contin. Rim G3	ASF27020	
Contin. Rim G4	ASF27025	
Contin. Rim G5	ASF27030	
Contin. Rim G6	ASF27035	
JoyLite G6	CSLA30R5920406 *	
JoyLite G7	CSLA30R5920407 *	
JoyLite G8	CSLA30R5920408 *	



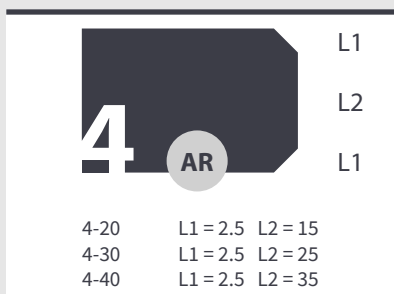
DM40 - shape T - BORE 20 mm

TYPE	20 mm R3	30 mm R5	30 mm R3	40 mm R5
Segmented G1	ASS22705	ASS22805	ASS28305	ASS22905
Contin. Rim G3	ASF22720	ASF22820	ASF28320	ASF22920
Contin. Rim G4	ASF22725	ASF22825	ASF28325	ASF22925
Contin. Rim G5	ASF22730	ASF22830	ASF28330	ASF22930
Contin. Rim G6	ASF22735	ASF22835	ASF28335	ASF22935
JoyLite G6	CSLT20R3920406 *	CSLT30R5920406 *	CSLT30R3920406 *	CSLT4099920356 *
JoyLite G7	CSLT20R3920407 *	CSLT30R5920407 *	CSLT30R3920407 *	CSLT4099920357 *
JoyLite G8	CSLT20R3920408 *	CSLT30R5920408 *	CSLT30R3920408 *	CSLT4099920358 *



DM40 - shape Z - BORE 20 mm

TYPE	20 mm	30 mm	40 mm
Segmented G1	ASS25605	ASS24505	ASS24605
Contin. Rim G3	ASF25620	ASF24520	ASF24620
Contin. Rim G4	ASF25625	ASF24525	ASF24625
Contin. Rim G5	ASF25630	ASF24530	ASF24630
Contin. Rim G6	ASF25635	ASF24535	ASF24635
JoyLite G6	CSLZ3599920406 *	CSLZ3599920406 *	CSLZ4599920406 *
JoyLite G7	CSLZ3599920407 *	CSLZ3599920407 *	CSLZ4599920407 *
JoyLite G8	CSLZ3599920408 *	CSLZ3599920408 *	CSLZ4599920408 *



DM40 - shape 4 - BORE 20 mm

TYPE	20 mm	30 mm	40 mm
Segmented G1	ASS24205	ASS24305	ASS24405
Contin. Rim G3	ASF24220	ASF24320	ASF24420
Contin. Rim G4	ASF24225	ASF24325	ASF24425
Contin. Rim G5	ASF24230	ASF24330	ASF24430
Contin. Rim G6	ASF24235	ASF24335	ASF24435
JoyLite G6	CSL42099920406 *	CSL43099920406 *	CSL44099920356 *
JoyLite G7	CSL42099920407 *	CSL43099920407 *	CSL44099920357 *
JoyLite G8	CSL42099920408 *	CSL43099920408 *	CSL44099920358 *

NOTE*: 3pcs minimum order (G6+G7+G8 Joylite wheels) could be requested

DM20 r10 Profiling Wheels

for Granite & Engineeres Stones

METAL BOND

STANDARD PARAMETERS

WHEEL	RPM	FEED (mm/min.)	IPM	DISTANCE
ELE D1 *	4800-5500	250-500	-	To Profile
SEG G1	6000-6500	750-900	30-35	To Profile
CR G3	6000-6500	750-900	30-35	0.25 mm 0.01"
CR G4	6000-6500	750-900	30-35	0.20 mm 0.008"
CR G5	6000-6500	650-900	25-35	0.10 mm 0.004"
CR G6F	6000-6500	650-900	25-35	0.00 mm

* Advisable the use of **AFE80010 Ø16 x 40**
or **AFE80015 Ø16 x 50** ELECTROPLATED FINGERBIT
before the profiling set of wheels

RUBBER BOND JOYLITE

STANDARD PARAMETERS

WHEEL	RPM	FEED	IPM	DISTANCE
JLT G6	2500	650-900 mm/min	20-30	0 - 0.00 mm 0 - 0.00"
JLT G7	2500	650-900 mm/min	20-30	0 - 0.00 mm 0 - 0.00"
JLT G8	2500	650-900 mm/min	20-30	0 - 0.00 mm 0 - 0.00"

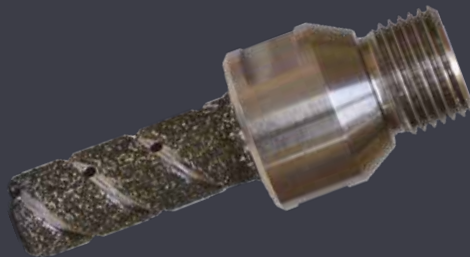


FACE BOTTOM

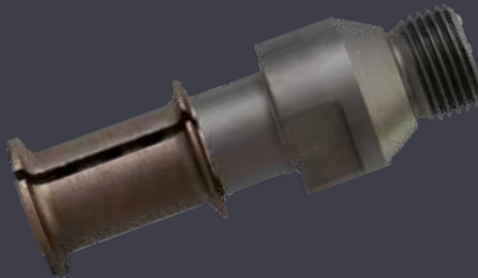
FACE UP

Smaller size 20mm diameter 1/2 GAS Fitting JoyLite Polishing Wheels

ELE



CR



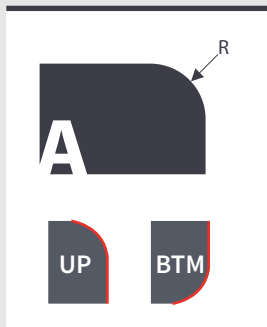
JLT



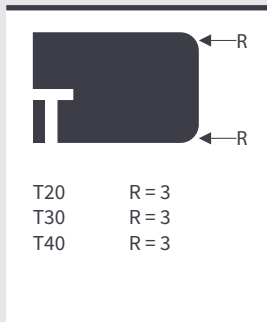
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20

DM20
Min. Diameter

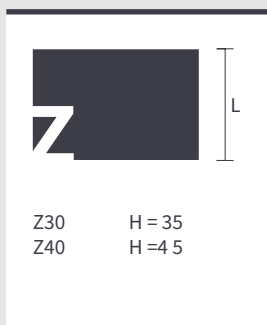
All DM20 tools
now comes with
measurements &
geometry report to
ensure perfect shape of
the tool

**DM20 - shape A - 1/2 GAS Fitting**

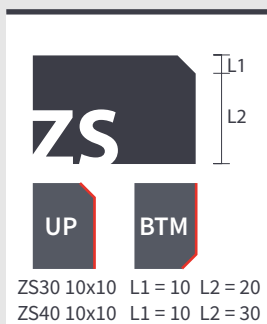
TYPE	30 mm R3 BOTTOM	30 mm R3 UP	30 mm R5 BOTTOM	30 mm R5 UP	30 mm R6 BOTTOM	30 mm R6 UP	40 mm R3 BOTTOM
ELE D1	AFE80010	AFE80010	AFE80010	AFE80010	AFE80010	AFE80010	AFE80015
Cont. Rim G1	DFG3444A	DFG34431	DFG6363A	DFG7352A	DFG38591	DFG38171	DFG45311
Cont. Rim G3	DFG34443	DFG34433	DFG63633	DFG73523	DFG38593	DFG38173	DFG45313
Cont. Rim G4	DFG34444	DFG34434	DFG63634	DFG73524	DFG38594	DFG38174	DFG45314
Cont. Rim G5	DFG34445	DFG34435	DFG63635	DFG73525	DFG38595	DFG38175	DFG45315
Cont. Rim G6	DFG34446	DFG34436	DFG63636	DFG73526	DFG38596	DFG38176	DFG45316
JoyLite G6	CSLA30ST1G206	CSLA30R3R1G206	CSLA30R5R1G206	CSLA30R5R1G206	CSLA30R6T1G206	CSLA30R691G206	CSLA40R3T1G206
JoyLite G7	CSLA30ST1G207	CSLA30R3R1G207	CSLA30R5R1G207	CSLA30R5R1G207	CSLA30R6T1G207	CSLA30R691G207	CSLA40R3T1G207
JoyLite G8	CSLZ5307T1G208	CSLA30R3R1G208	CSLA30R5R1G208	CSLA30R5R1G208	CSLA30R6T1G208	CSLA30R691G208	CSLA40R3T1G208

**DM20 - shape T - 1/2 GAS Fitting**

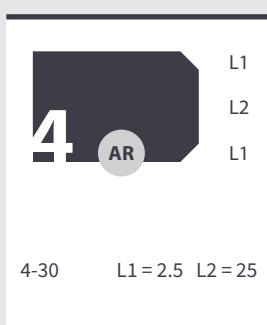
TYPE	12 mm R=2.5	16 mm R=1.5	20 mm R=3	30 mm R=3	30 mm R=3 + R=5	30 mm R=3 + R=6	40 mm R=3
ELE D1	AFE80010	AFE80010	AFE80010	AFE80010	AFE80010	AFE80010	AFE80015
Cont. Rim G1	DFG7056A	DFG6534A	DFG3688A	DFG3422A	DFG65541	DFG6989A	DFG60081
Cont. Rim G3	DFG70563	DFG65343	DFG36883	DFG34223	DFG65543	DFG69893	DFG60083
Cont. Rim G4	DFG70564	DFG65344	DFG36884	DFG34224	DFG65544	DFG69894	DFG60084
Cont. Rim G5	DFG70565	DFG65345	DFG36885	DFG34225	DFG65545	DFG69895	DFG60085
Cont. Rim G6	DFG70566	DFG65346	DFG36886	DFG34226	DFG65546	DFG69896	DFG60086
JoyLite G6	CSLT12R251G206	CSLT16R151G206	CSLT20R391G206	CSLT30R391G206	CSLT30R531G206	CSLT30R361G206	CSLT40R391G206
JoyLite G7	CSLT12R251G207	CSLT16R151G207	CSLT20R391G207	CSLT30R391G207	CSLT30R531G207	CSLT30R361G207	CSLT40R391G207
JoyLite G8	CSLT12R251G208	CSLT16R151G208	CSLT20R391G208	CSLT30R391G208	CSLT30R531G208	CSLT30R361G208	CSLT40R391G208

**DM20 - shape Z - 1/2 GAS Fitting**

TYPE	30 mm	40 mm
ELE D1	AFE80010	AFE80015
Cont. Rim G1	DFG33031	DFG34051
Cont. Rim G3	DFG33033	DFG34053
Cont. Rim G4	DFG33034	DFG34054
Cont. Rim G5	DFG33035	DFG34055
Cont. Rim G6	DFG33036	DFG34056
JoyLite G6	CSLZ459991G206	CSLZ459991G206
JoyLite G7	CSLZ459991G207	CSLZ459991G207
JoyLite G8	CSLZ459991G208	CSLZ459991G208

**DM20 - shape ZS - 1/2 GAS Fitting**

TYPE	12 UP	12 BOTTOM	30 mm BOTTOM	30 mm UP	40 mm BOTTOM	40 mm UP
ELE D1	AFE80010	AFE80010	AFE80010	AFE80010	AFE80015	AFE80015
Cont. Rim G1	DFG69821	DFG73841	DFG42181	DFG41821	DFG44081	DFG48791
Cont. Rim G3	DFG69823	DFG73843	DFG42183	DFG41823	DFG44083	DFG48793
Cont. Rim G4	DFG69824	DFG73844	DFG42184	DFG41824	DFG44084	DFG48794
Cont. Rim G5	DFG69825	DFG73845	DFG42185	DFG41825	DFG44085	DFG48795
Cont. Rim G6	DFG69826	DFG73846	DFG42186	DFG41826	DFG44086	DFG48796
JoyLite G6	CSLZ5134P1G206	CSLZ5134T1G206	CSLZ5307T1G206	CSLZ530071G206	CSLZ5407T1G206	CSLZ5407P1G206
JoyLite G7	CSLZ5134P1G207	CSLZ5134T1G207	CSLZ5307T1G207	CSLZ530071G207	CSLZ5407T1G207	CSLZ5407P1G207
JoyLite G8	CSLZ5134P1G208	CSLZ5134T1G208	CSLZ5307T1G208	CSLZ530071G208	CSLZ5407T1G208	CSLZ5407P1G208

**DM20 - shape 4 - 1/2 GAS Fitting**

TYPE	12 mm L2 = 9	20 mm	30 mm
ELE D1	AFE80010	AFE80010	AFE80010
Cont. Rim G1	DFG7370A	DFG3683A	DFG36011
Cont. Rim G3	DFG73703	DFG36833	DFG36013
Cont. Rim G4	DFG73704	DFG36834	DFG36014
Cont. Rim G5	DFG73705	DFG36835	DFG36015
Cont. Rim G6	DFG73706	DFG36836	DFG360156
JoyLite G6	CSL412L901G206	CSL4209991G206	CSL4309991G206
JoyLite G7	CSL412L901G207	CSL4209991G207	CSL4309991G207
JoyLite G8	CSL412L901G208	CSL4209991G208	CSL4309991G208

NOTE*: 3pcs minimum order (G6+G7+G8 Joylite wheels) could be requested

DM 10 Profiling Wheels for Marble

ELECTROPLATED

STANDARD PARAMETERS

WHEEL	RPM	FEED (mm/min.)	IPM	DISTANCE
ELE G1	7000	500-700	20-30	0.30 mm 0.01"
ELE G2	7000	500-700	20-30	0.15 mm 0.006"
ELE G3	6000	500-700	20-30	0.10 mm 0.004"

RUBBER BOND JOYLITE

STANDARD PARAMETERS

WHEEL	RPM	FEED (mm/min.)	DISTANCE
JLT G6	4000	400-600	0 - 0.05 mm
JLT G7	4000	400-600	0 - 0.05 mm
JLT G8	4000	400-600	0 - 0.05 mm

minimum radius:
6mm (1/4")



Smaller size 10mm diameter 1/2 GAS Fitting JoyLite Polishing Wheels



ELE



JLT

10

DM10
Min. Diameter

10mm diameter
1/2 Gas Fitting
JoyLite Polishing



A30 R = 3
A30 R = 5

DM10 - shape A - 1/2 GAS Fitting

TYPE	30 mm R3 DOWN	30 mm R5 DOWN
ELE D1	DFE6583C	DFE6525C
ELE D2	DFE6583B	DFE6525B
ELE D3	DFE6583A	DFE6525A
JoyLite G6	CSLA30STT1G106	CSLA30R5S1G106
JoyLite G7	CSLA30STT1G107	CSLA30R5S1G107
JoyLite G8	CSLA30STT1G108	CSLA30R5S1G108



T30 R = 3
T30 R = 5

DM10 - shape T - 1/2 GAS Fitting

TYPE	30 mm R3	30 mm R5
ELE D1	DFE6587C	DFE6525C
ELE D2	DFE6587B	DFE6525B
ELE D3	DFE6587A	DFE6525A
JoyLite G6	TC-TR306	CSLA30R5S1G106
JoyLite G7	TC-TR307	CSLA30R5S1G107
JoyLite G8	TC-TR308	CSLA30R5S1G108



Z30 H = 35
Z40 H = 45

DM10 - shape Z - 1/2 GAS Fitting

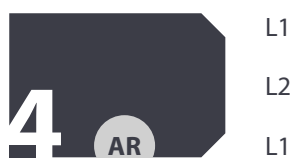
TYPE	30 mm	40 mm
ELE D1	DFE6672C	DFE6375C
ELE D2	DFE6672B	DFE6375B
ELE D3	DFE6672A	DFE6375A
JoyLite G6	CSLZ359991G106	CSLZ459991G106
JoyLite G7	CSLZ359991G107	CSLZ459991G107
JoyLite G8	CSLZ359991G108	CSLZ459991G108



ZS30 4X4 L1=4 L2 = 26

DM10 - shape ZS - 1/2 GAS Fitting

TYPE	30 mm UP
ELE D1	DFE7564C
ELE D2	DFE7564B
ELE D3	DFE7564A
JoyLite G6	CSLZS30071G106
JoyLite G7	CSLZS30071G107
JoyLite G8	CSLZS30071G108



4-30 L1 = 2.5 L2 = 25

DM10 - shape 4 - 1/2 GAS Fitting

TYPE	20 mm	30 mm
ELE D1	DFE7054C	DFE7053C
ELE D2	DFE7054B	DFE7053B
ELE D3	DFE7054A	DFE7053A
JoyLite G6	CSL4209991G106	CSL4309991G106
JoyLite G7	CSL4209991G107	CSL4309991G107
JoyLite G8	CSL4209991G108	CSL4309991G108

NOTE: 3 KITS Minimum Order

Monumental Tooling



SEGMENTED PACKED WHEEL
From h 85 mm To h 160 mm
COARSE



SEGMENTED WHEEL
From h 25 mm To h 110 mm
COARSE



CONTINUOUS PACKED WHEEL
From h 85 mm To h 160 mm
MEDIUM / FINE



CONTINUOUS WHEEL
From h 25 mm To h 110 mm
MEDIUM / FINE



ELECTROPLATED WHEEL
From h 25 mm To h 160 mm
COARSE / MEDIUM / FINE



JOYLITE WHEEL
From h 65 mm To h 200 mm
POLISHING

Available Diameters: 60 / 80 / 100 mm

Bevelling Systems



GR / ES

COMBY BEVELLING SYSTEM - 10 MM 45°

PLEASE NOTE: the number of the wheels to be used (and their grits) may vary depending on the bevel dimensions and the desired finishing level

TYPE	Single Wheel CODE	THICKNESS	BORE	GRIT
FCC	ASF17210	10 mm	35 mm	G1
FCC	ASF17220	10 mm	35 mm	G3
FCC	ASF17225	10 mm	35 mm	G4
FCC	ASF17230	10 mm	35 mm	G5
JoyLite	CSLY10CMB35606	10 mm	35 mm	-
JoyLite	CSLY10CMB35607	10 mm	35 mm	-
JoyLite	CSLY10CMB35608	10 mm	35 mm	-



GR / ES

SPACER

Comby Beveling Wheels

TYPE	CODE	THICKNESS	BORE	GRIT
Spacer	AZT0788A	20 mm	35 mm	-
Spacer	AZT0789A	30 mm	35 mm	-
Spacer	AZT0790A	40 mm	35 mm	-



GR / ES

45° FACE UP TIPS (BEVELLING ROUTERS)

Continuous Rim

TYPE	Single Wheel CODE	THICKNESS	FITTING	GRIT
FCC	DFG24151	10 mm	M12	G1
FCC	DFG24153	10 mm	M12	G2
FCC	DFG24155	10 mm	M12	G3
FCC	DFG22021**	10 mm	M12	G1
FCC	DFG22023**	10 mm	M12	G2
FCC	DFG22025**	10 mm	M12	G3



GR / ES

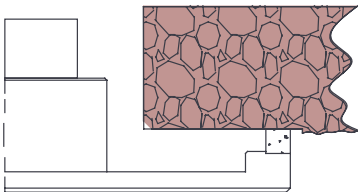
TOOL HOLDER

For 45° Face Up Tips (Beveling Routers)

TYPE	CODE	Size	FITTING
Tool Holder	AZT1518A	Ø17 L46 Lu60	1/2 Gas > M12

Uder-Up Mounted





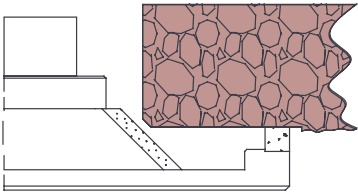
GR / ES

CALIBRATER

Segmented F=1/2Gas

CODE	SIZE
DSS06361	Ø85 mm





GR / ES

CALIBBREAKER

Segmented F=1/2Gas

CODE	SIZE
DFS2676S	Ø135 x 14 mm



GR / ES

45° BEVELLING WHEEL

Electroplated - B35

CODE	SIZE
DSE2444B	Ø76 mm

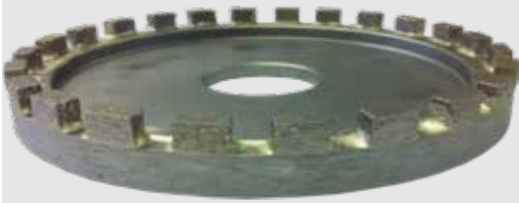


GR / ES

RADIUS BEVELLING WHEEL

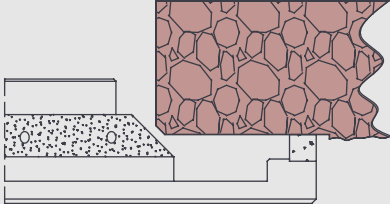
Electroplated - B35

CODE	SIZE
DSE2444R	Ø71 mm



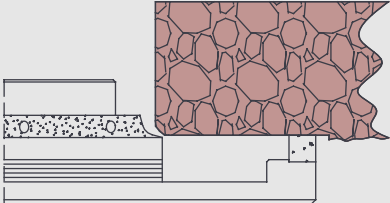
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NICOLAI
D I A M A N T

Tools for Ceramics



Tools for Ceramics



TOOLS FOR CERAMICS



DM20 & DM60 WHEELS AVAILABLE FOR THE FOLLOWING PROFILES

PROFILE	THICKNESS	METALLICS SEQUENCE	POLISHERS SEQUENCE
A / 1 / ZS / 4 / T	4 - 6 - 8	1 - 3 - 4 - 5	6 (opt.) - 7 - 8
V / D12 - 28° / D12 - 45° / E12 - 45°	10 - 12 mm	1 - 3 - 4 - 5	6 (opt.) - 7 - 8

DM60 WHEELS

Bore 35 mm

TYPE	1 12 mm	ZS 12 mm	4 6 mm	4 10 mm	4 12 mm L9	T 12 mm R=2.5	V 12 mm	D12 28° R=2.5	D12 45° R=2.5	E12 45°
Cont. Rim G1	DSG7639A	DSG6982A		DSG13641	DSG38361	DSG7056A	DSG7884A	DSG75561	DSG7118A	DSG79971
Cont. Rim G3	DSG76393	DSG69823		DSG13643	DSG38363	DSG70563	DSG78843	DSG75563	DSG71183	DSG79973
Cont. Rim G4	DSG76394	DSG69824	DSG79954	DSG13644	DSG38364	DSG70564	DSG78844	DSG75564	DSG71184	DSG79974
Cont. Rim G5	DSG76395	DSG69825	DSG79955	DSG13645	DSG38365	DSG70565	DSG78845	DSG75565	DSG71185	DSG79975
Cont. Rim G6			DSG79956		DSG38366	DSG70566				
JoyLite G6	CSL112R1035106	CSLZS129935606	CSL406L4535606		CSL41299935606	CSLT12R2535606	CSLV1299935606	CSLD1228G35606	CSLD1245G35606	CSLE1245G35606
JoyLite G7	CSL112R1035107	CSLZS129935607	CSL406L4535607		CSL41299935607	CSLT12R2535607	CSLV1299935607	CSLD1228G35607	CSLD1245G35607	CSLE1245G35607
JoyLite G8	CSL112R1035108	CSLZS129935608	CSL406L4535608		CSL41299935608	CSLT12R2535608	CSLV1299935608	CSLD1228G35608	CSLD1245G35608	CSLE1245G35608

DM20 WHEELS

1/2 GAS FITTING

TYPE	1 12 mm	ZS 4x4 12 mm FACE UP	ZS 4x4 12 mm FACE DOWN	4 12 mm L 8.5	4 12 mm L 9	T 12 mm R=2.5	v 12 mm
Cont. Rim G1		DSG69821	DFG73841	DFG7064A	DFG7370A	DFG7056A	
Cont. Rim G3		DSG69823	DFG73843	DFG70643	DFG73703	DFG70563	
Cont. Rim G4		DSG69824	DFG73844	DFG70644	DFG73704	DFG70564	
Cont. Rim G5		DSG69825	DFG73845	DFG70645	DFG73705	DFG70565	
Cont. Rim G6				DFG70646	DFG73706		
JoyLite G6		CSLZS134P1G206		CSL412L851G206	CSL412L901G206	CSLT12R251G206	
JoyLite G7		CSLZS134P1G207	CSLZS134T1G207	CSL412L851G207	CSL412L901G207	CSLT12R251G207	
JoyLite G8		CSLZS134P1G208	CSLZS134T1G208	CSL412L851G208	CSL412L901G208	CSLT12R251G208	



CR

CHEETAH BLADES

for Dekton & Ceramics

CODE	Ø	Z	CORE	BORE	MAT	RPM	FEED
CDS35C01S	350 - 14"	25	SDW	50/60	QRZ	1900 - 2200	
CDS40C01S	400 - 16"	28	SDW	50/60	QRZ	1800 - 2200	750-1250mm/min 30-50 inches/min.
CDS40C11S	400 - 16"	28	SDW	90	QRZ		
CDS45C01S	450 - 18"	32	SDW	50/60	QRZ	1700 - 2200	
CDS50C01S	500 - 20"	34	SDW	50/60	QRZ		



CR

LILAC FB23

Segmented - 1/2 Gas

CODE	D	L	Z
AFS90128	20	25	5
AFS9001H	23	40	5
AFS90141 ☺	20	25	7
AFS90143 ☺	23	40	7

AFS90141



CR

CROWN MILLS

SEGMENTED for Incremental Cut
/ Flush Fit minimum radius 10 mm

CODE	SIZE	LU
CFS40030CER	Ø8 x 10 mm	10 mm
CFS40031CER	Ø10 x 10 mm	10 mm
CFS40041CER	Ø10 x 10 mm	25 mm
CFS40032CER	Ø12 x 10 mm	10 mm
CFS40036CER	Ø12 x 10 mm	30 mm
CFS40033CER	Ø15 x 10 mm	25 mm
CFS40073CER	Ø20 x 12 mm	40 mm

CFS40031CER



CR

NO-CORING DRILL BITS

Segmented - 1/2 Gas - P/MR

CODE	D	L
ETS00051	8	20
ETS00053	10	20
ATS1006D	10	30
ETS00112	11.8	30
ETS00092	12	30



CR

SEG STUBBING WHEELS

Segmented

CODE	SIZE	FITTING
AMS00015	Ø88 x 20	B50 - 3+3H
AMS00163	Ø50 x 20	B10 - 2+2
AMS00173	Ø50 x 20	B14 - 2+2

Tools for Kitchen

KITCHEN TOPS



Premium Straight Edge

Kitchen Tops



GR / ES

SUPER Z WHEELS

Ultra High Speed Segmented Calibrating Wheels)

CODE	SIZE	DISTANCE	RPM	FEED
ASSE4505M3P ☺	Ø80 x 35 mm	0.8 mm	4500-5400	5000 mm/min
ASSE4605M3P	Ø80 x 45 mm			



GR / ES

CYLINDRICAL WHEELS FOR SINKS

Electroplated - F=1/2Gas

CODE	SIZE	GRIT	RPM	FEED
DFE4026C	Ø25 x 50 mm	Grit 1	5000 - 5500	600 - 800 mm/min
DFE4026H	Ø25 x 50 mm	Grit 2		
DFE4026A	Ø25 x 50 mm	Grit 3	4800 - 5200	800 - 1000 mm/min
DFE3982C	Ø50 x 50 mm	Grit 1	5000 - 5500	600 - 800 mm/min
DFE3982H	Ø50 x 50 mm	Grit 2		
DFE3982a	Ø50 x 50 mm	Grit 3	4800 - 5200	800 - 1000 mm/min



GR / ES

LINEBUSTER - Z PROFILE

Resin Diamond Wheels

CODE	SIZE	BORE	RPM	FEED
ASL84560	Ø45 x 35 mm	B20	3000	600 mm/min 24 inch/min
DSL34326	Ø45 x 35 mm	B22		
DSL34316	Ø60 x 40 mm	B22	2800	700 mm/min 28 inch/min
DSL34336	Ø60 x 40 mm	B35		
ASL34560	Ø78 x 35 mm	B35	2600	800 mm/min 32 inch/min
ASL34660 ☺	Ø78 x 45 mm	B35		
ASL34760	Ø78 x 55 mm	B35		
ASL34N60	Ø78 x 65 mm	B35		
ASL38560	Ø78 x 105 mm	B35		

Oscillation:

1000 mm/min.



1mm UP



1mm DOWN



GR / ES

LINEBUSTER - Z PROFILE - 1/2 GAS

Resin Diamond Wheels

CODE	SIZE	FITTING	RPM	FEED
DFL34056	Ø20 x 45 mm	1/2GAS	3000	600 mm/min

USAGE ADVICES FOR LINEBUSTER WHEELS

WEAR RATE: 0.005 MM/MT./ OSCILLATION UP & DOWN: 1MM / FEED UP / DOWN: 20.000 MM/MIN.

Flush Fit

Kitchen Tops



NO-CORING BIT HOLDER
Can also be user for T31
AZT0572B 1/2 Gas > D10

ENGRAVING MILLS (CYLINDRICAL)

Engraving and Flush Fit Minimum Radius 3 > 7.5 mm - F=1/2Gas

CODE	SIZE	RPM	FEED
AFF10005	Ø8 x 12 mm	6000 - 7000	150 - 300 mm/min x 2-5 mm deep
AFF10010	Ø10 x 12 mm		
AFF10015	Ø12 x 12 mm		
AFF10020	Ø15 x 12 mm		

ENGRAVING & DRILLING FINGERBITS (CYLINDRICAL)

Engraving and Flush Fit Minimum Radius 3 > 7.5 mm - F=10 mm

CODE	SIZE	SHANK	RPM	FEED
AFF10005	Ø8 x 12 mm	10 X 10	6000 - 7000	100 - 200 mm/min x 2-5 mm deep
AFF10010	Ø10 x 12 mm			
AFF10015	Ø12 x 12 mm			

1/2 GAS HOLDERS (ECONOMIC LINE)

1/2 Gas > Holder for Collet ERG 20

CODE	SIZE	THREAD	FITT MACHINE	FITT TOOL
AZT0571A *	L40 mm	Right	1/2 Gas Right	Erg20 Right
AZT0571F *	L40 mm	Left	1/2 Gas Left	Erg20 Left
AZZ00012 **	Pliers		D6 mm	Erg20
AZZ00013 **	Pliers		D8 mm	Erg20
AZZ00014 **	Pliers		D10 mm	Erg20
AZZ0890A ***	Clamp	Right		
AZZ0890B ***	Clamp	Left		

1/2 GAS HOLDERS (PROFESSIONAL LINE)

1/2 Gas > Holder for Collet ERG 32

CODE	SIZE	THREAD	FITT MACHINE	FITT TOOL
AZT4194A *	L52 mm	Right	1/2 Gas Right	Erg32 Right
AZT4194E *	L52 mm	Left	1/2 Gas Left	Erg32 Left
AZZ00005 **	Pliers		D6 mm	Erg32
AZZ00006 **	Pliers		D8 mm	Erg32
AZZ00007 **	Pliers		D10 mm	Erg32
AZZ00010 **	Pliers		D20 mm	Erg32
AZZ0889A ***	Clamp	Right		
AZZ0889B ***	Clamp	Left		



Flush Fit Kitchen Tops



ENGRAVING MILLS (CYLINDRICAL)

Engraving and Flush Fit Minimum Radius 3 > 7.5 mm - F=1/2Gas

CODE	SIZE	LU	FITTING	MATERIAL	RPM	FEED
CFS4C077 ☺	Ø20 x 13 mm		M12	GR. & E.S.	4800-5500	400 - 1000 mm/min 18 - 40 inches/min x 3mm deep
CFS4C042	Ø20 x 13 mm		M10	GR. & E.S.		
CFS4C086	Ø20 x 13 mm		M14	GR. & E.S.		
AFS40075	Ø15 x 20 mm	30	1/2 GAS	GR. & E.S.		
AFS40083	Ø15 x 20 mm		M12	GR. & E.S.		
CFS40031	Ø10 x 10 mm	10	1/2 GAS	GR. & E.S.		
CFS40030CER	Ø08 x 10 mm	10	1/2 GAS	CERAMICS		
CFS40031CER	Ø10 x 10 mm	10	1/2 GAS	CERAMICS		
CFS40032CER	Ø12 x 10 mm	10	1/2 GAS	CERAMICS		
CFS40073CER	Ø20 x 12 mm	40	1/2 GAS	CERAMICS		



Ø 20 CROWN MILL

ELECTROPLATED for Incremental Cutting and Flush Fit minimum radius 10 mm

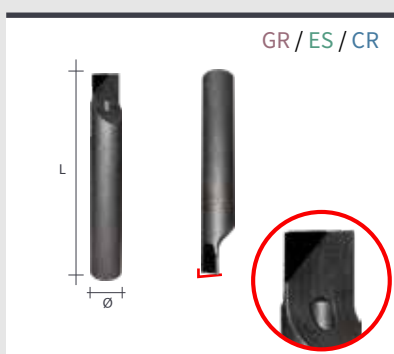
CODE	SIZE	FITTING	RPM	FEED
AFE41010	Ø20 x 10 mm	M10	4800-5500	400 - 1000 mm/min
AFE41020 ☺	Ø20 x 10 mm	M12		18 - 40 inches/min x 3mm deep



TOOL HOLDER FOR Ø 20 CROWN MILL

1/2GAS FITTING

CODE	SIZE	FITTING
AZT1518G	Ø17 x 30 mm	M10
AZT1518E ☺	Ø17 x 30 mm	M12
AZT1518B	Ø17 x 60 mm	M10
AZT1518A ☺	Ø17 x 60 mm	M12
AZT1518F	Ø18 x 100 mm	M12
AZT1518T	Ø18 x 120 mm	M12



PCD CYLINDRICAL MILL

Minimum Radius 5 mm - 10 mm Shank

CODE	SIZE	RPM	FEED
AFW80100	Ø10 x 6 mm	8000 - 10000	150 - 250 mm/min. x 3mm deep

Used to rectify the cut in order to achieve a perfect angle

NOTE: 5 pcs Minimum Order

Square Sink

Kitchen Tops



CORE BITS (THIN-WALL)

F=1/2Gas

CODE	SIZE	FITTING
APF11030	Ø30 x L10 Lu45/95	1/2 Gas

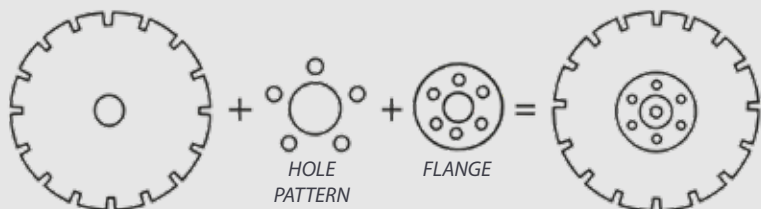


BLADE FOR BRETON

Electroplated (Both Sides)

CODE	SIZE	FITTING
ADSE1000	Ø150 x 5 mm	B25+3HØ8/55

RPM: 2500 - Feed: 600-800 mm/min
no need of Cup Wheels



BLADE FOR CMS BREMBANA

Locking Flat Flange Included

CODE	SIZE	FITTING
ADS00018	Ø210 x 3.6 mm	B50 - 6+6H

ADS00015	Blades
HF05006D65063S	Fitting
AZT4074A *	Flat Flange

1st cut: RPM: 3400 - Enter Feed: 200 mm/min.
Working Feed: 800 mm/min.
2nd cut: RPM: 3400 - Enter Feed: 500 mm/min
Working Feed: 1200 mm/min.



CONIC CUP WHEEL FOR CMS BREMBANA / PRUSSIANI

Continuous Rim

CODE	SIZE	GRIT	FITTING	RPM
DSG26421	Ø120 x 10 mm	G1	B50	3400
DSG26423	Ø120 x 10 mm	G3	B50	
DSS75081	Ø140 x 10 mm for CMS	G1	B40	3400
DSS75083	Ø140 x 10 mm for CMS	G3	B40	

REMOVAL:

1st step: Feed: 700 - Removal: 0.35
2nd step: Feed: 700 - Removal: 0.10



PROGLO WAFFLE FOR SQUARE SINKS

Polishing Wheels

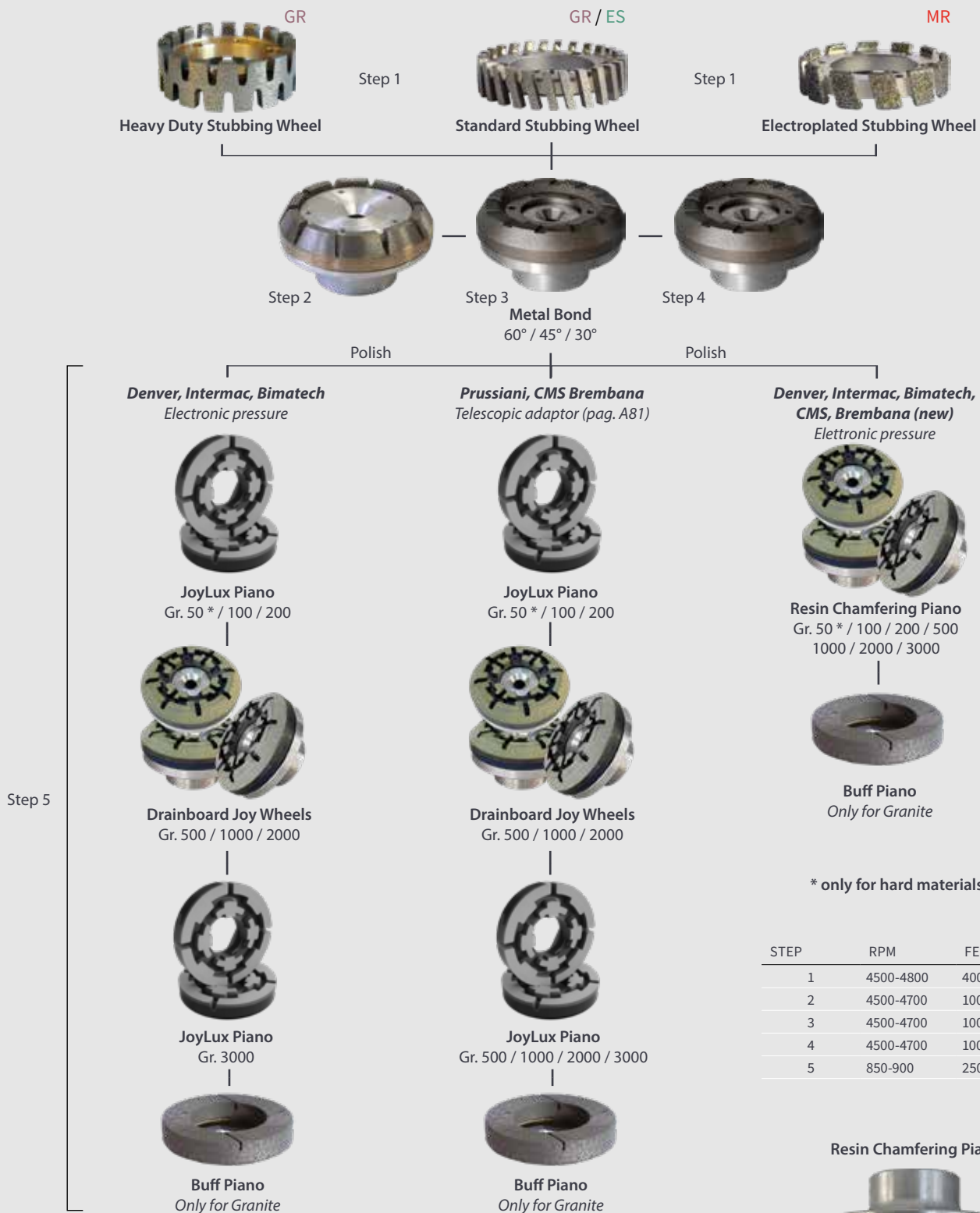
CODE	GRIT	FITTING	RPM	FEED	RMV.	COMP.
for BRETON / PRUSSIANI machines: Ø140mm - 5.5 inches						
ALRPW4GEM0120	120	MAGNETIC	1200	1000/1200 mm/min.	0.15	0.01
ALRPW4GEM0220	220				0.10	0.01
ALRPW4GNM0400	400				0.05	0.01
ALRPW4GNM0800	800				0.25	
ALRPW4GNM1800	1800				0.00	
ALRPW4GNM3500	3500				0.00	
for CMS Brembana machines: Ø140mm - 5.5 inches						
ALRPW4GE0220	220	Bore 40mm	3750	600 mm/min. *	0.00	0.5°
ALRPW4GN0400	400				0.00	0.5°
ALRPW4GN0800	800				0.00	0.5°
ALRPW4GN1800	1800				0.00	0.5°
ALRPW4GN3500	3500				0.00	0.5°



(*) FEED: 700 (in) / 600 (work) / 4000 (out)

Drainboard Processing

Kitchen Tops (Advised Sequence / Material)



Stubbing Wheels

Kitchen Tops



STUBBING WHEEL TURBO

For Breton, Bimatech, CMS Brembana, Denver, Intermac, Ravelli - for GRANITE

CODE	SIZE	FITTING	RPM	FEED
AMC00092	Ø92 x 30 mm	B50 - 3+3H	4300-4500	400-600 mm/min
AMC00093	Ø92 x 30 mm	B50 - 4+4H	4300-4500	16-24 inches/min



STUBBING WHEEL TURBO

For Breton, Bimatech, CMS Brembana, Denver, Intermac, Ravelli - for MARBLE

CODE	SIZE	FITTING	RPM	FEED
AMC00095	Ø92 x 30 mm	B50 - 3+3H	4300-4500	400-600 mm/min 16-24 inches/min



STUBBING WHEEL TURBO

Standard Diameter for GRANITE

CODE	SIZE	FITTING	RPM	FEED
AMC00054	Ø50 x 20 mm	B14 - 3+3	4500-5000	250-500 mm/min
AMC00055	Ø50 x 20 mm	B10 - 2+2		10-20 inches/min



STUBBING WHEEL TURBO

Standard Diameter for MARBLE

CODE	SIZE	FITTING	RPM	FEED
AMC00056	Ø50 x 20 mm	B14 - 3+3	4500-5000	250-500 mm/min
AMC00057 ☺	Ø50 x 20 mm	B10 - 2+2		10-20 inches/min



SEG STUBBING WHEEL

Segmented - For Breton, Bimatech, CMS Brembana, Denver, Intermac, Ravelli (STANDARD BOND: FB2)

CODE	SIZE	FITTING	RPM	FEED
AMS00030	Ø85 x 20 mm	B50 - 3+3H	4300-4500	400-600 mm/min 16-24 inches/min
AMS00167	Ø85 x 20 mm for CERAMICS	B50 - 3+3H		
AMS00089 ☺	Ø88 x 20 mm	B50 - 3+3H		
DSS3848S	Ø88 x 30 mm	B50 - 3+3H		
AMS00148 ☺	Ø89 x 30 mm	B50 - 3+3H		
AMS00015	Ø88 x 20 mm for CERAMICS	B50 - 3+3H		
AMS0015Q	Ø88 x 20 mm for QUARTZITE	B50 - 3+3H		



SEG STUBBING WHEEL

Segmented for Bavelloni

CODE	SIZE	FITTING	RPM	FEED
AMS00085	Ø85 x 20 mm	B50 - 4+4H	4300-4500	400-600 mm/min 16-24 inches/min
DSS3417S	Ø88 x 30 mm	B50 - 4+4H		
AMS00118 ☺	Ø88 x 30 mm	B50 - 4+4H		
AMS00180 ☺	Ø89 x 30 mm	B50 - 4+4H		
AMS00155	Ø88 x 20 mm for CERAMICS	B50 - 4+4H		

GR / ES / CR



SEG STUBBING WHEEL

Segmented for Prussiani

CODE	SIZE	FITTING	RPM	FEED
AMS00025	Ø80 x 20 mm (old type)	B20 - 4+4H	4300-4500	400-600 mm/min
AMS00042	Ø100 x 20 mm	B50 - 3+3H	3800-4300	16-24 inches/min
AMS00047	Ø100 x 20 mm for CERAMICS	B50 - 3+3H	3800-4300	

GR / ES



SEG STUBBING WHEEL

Segmented for Thibaut

CODE	SIZE	FITTING	RPM	FEED
AMS00050	Ø150 x 15 mm	B60 - 6+6H	3500-3800	400-500 mm/min
AMS00055	Ø150 x 20 mm	B60 - 6+6H		16-20 inches/min

GR / ES / CR / QZ



SEG STUBBING WHEEL

Segmented - Small diameter

CODE	SIZE	FITTING	RPM	FEED
EMS00143	Ø53 x 20 mm	B14 - 3+3	4500-5000	250-500 mm/min 10-20 inches/min
AMS00020 ☺	Ø50 x 20 mm	B10 - 2+2		
AMS0016Q	Ø50 x 20 mm for QUARTZITE	B10 - 2+2		
AMS00163	Ø50 x 20 mm for CERAMICS	B10 - 2+2		
AMS00173	Ø50 x 20 mm for CERAMICS	B14 - 2+2		
AMS00178 ☺	Ø53 x 30 mm	B10 - 2+2		
EMS00095	Ø50 x 20 mm	B14 - 3+3		
AMS00021	Ø53 x 20 mm	B10 - 2+2		
EMS00011	Ø46 x 20 mm	B14 - 3+3		
AMS00002 ☺	Ø40 x 20 mm	B8.5 TSEI +2B	4800-5500	250-500 mm/min

MR



ELE STUBBING WHEELS

Electroplated - For Bavelloni Breton, Bimatech, CMS Brembana, Denver, Intermac, Ravelli

CODE	SIZE	FITTING	RPM	FEED
AME00025	Ø80 x 20 mm	B20 - 4+4H	5000-5500	500-600 mm/min
AME00030	Ø85 x 20 mm	B50 - 3+3H		20-24 inches/min
AME00031 new	Ø85 x 20 mm	B50 - 3+3H	Special for high speed	
AME00075	Ø100 x 20 mm	B50 - 3+3H	3800-4300	400-600 mm/min 16-24 inches/min
AME00076	Ø85 x 20 mm	B50 - 4+4H	5000-5500	500-600 mm/min 20-24 inches/min

MR



ELE STUBBING WHEELS

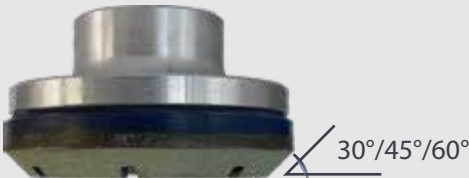
Electroplated - Small Diameter

CODE	SIZE	FITTING	RPM	FEED
AME00020	Ø50 x 20 mm	B10 - 2+2	4500-5000	250-500 mm/min
AME00028	Ø50 x 20 mm	B14 - 3+3		10-20 inches/min
AME00024 new	Ø50 x 20 mm	B10 - 2+2	Special for high speed	
AME00015 *	Ø40 x 20 mm	B8.5 TSEI +2B	4800-5500	250-500 mm/min 10-20 inches/min

* MOQ: 3pcs

Drainboard

Kitchen Tops



DRAINBOARD WHEELS

Ø112 mm - 35 mm bore

STEP	TYPE	CODE 30°	CODE 45°	CODE 60°
2	☺ Segmented G1	ASS31105	ASS31205	ASS31007
3	Continuous slot G3	ASF31120	ASF31220	ASF31020
4	Continuous slot G5	ASF31130	ASF31230	ASF31030

STEP	TYPE	CODE 30°	CODE 45°	CODE 60°
1	ELED1	ASE31140	ASE31240	ASE31040
2	☺ ELED2	ASE31150	ASE31250	ASE31050
3	☺ ELED3	ASE31160	ASE31260	ASE31060

DRAINBOARD JOY EG LUX WHEELS FOR POLISHING

RESIN Ø100 mm

STEP	CODE 30°	CODE 45°	CODE 60°	GRIT	FITTING
2			CLRR6105	50	B35 mm
2	CLRR3110	CLRR4610	CLRR6110	100	B35 mm
2	CLRR3115	CLRR4615	CLRR6115	200	B35 mm
2	CLRR3120	CLRR4620	CLRR6120	500	B35 mm
2	CLRR3125	CLRR4625	CLRR6125	1000	B35 mm
2	CLRR3130	CLRR4630	CLRR6130	2000	B35 mm
2	CLRR3135	CLRR4635	CLRR6135	3000	B35 mm
2	CLRR3205	CLRR4705	CLRR6205	50	Magnetic
2	CLRR3210	CLRR4710	CLRR6210	100	Magnetic
2	CLRR3215	CLRR4715	CLRR6215	200	Magnetic
2	CLRR3220	CLRR4720	CLRR6220	500	Magnetic
2	CLRR3225	CLRR4725	CLRR6225	1000	Magnetic
2	CLRR3230	CLRR4730	CLRR6230	2000	Magnetic
2	CLRR3235	CLRR4735	CLRR6235	3000	Magnetic

Drainboard

Kitchen Tops



FLAT DRAINBOARD JOY EG LUX WHEELS FOR POLISHING

Resin - For Flat Surfaces - Ø100 mm

STEP	TYPE	MAGN. FIT.	B35 FIT.	SNAIL FIT.
opt	Resin slotted G50	CLRR0105	CLRR0205	CLRRNS05
8	Resin slotted G100	CLRR0110	CLRR0210	CLRRNS10
9	Resin slotted G200	CLRR0115	CLRR0215	CLRRNS15
10	Resin slotted G500	CLRR0120	CLRR0220	CLRRNS20
11	Resin slotted G1000	CLRR0125	CLRR0225	CLRRNS25
12	Resin slotted G2000	CLRR0130	CLRR0230	CLRRNS30
13	Resin slotted G3000	CLRR0135	CLRR0235	CLRRNS35



DRAINBOARD BUFF WHEELS FOR GRANITE

For Flat Surfaces - Ø100 mm

STEP	TYPE	CODE	FITTING
14	BUFF	CLR02040	MAGNETIC
14	BUFF	CLR02240	SNAIL



ADAPTOR FOR WHEELS

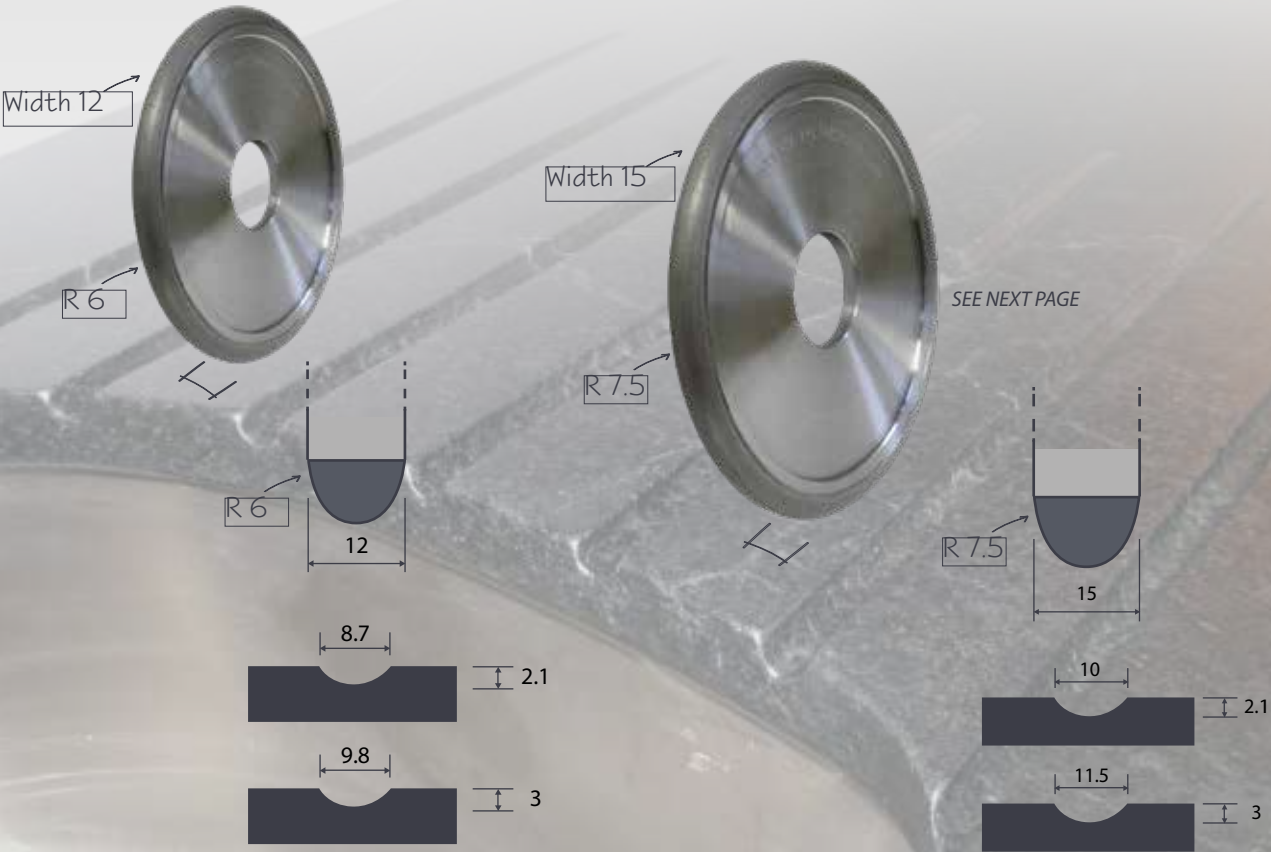
OPTIONAL if you don't use cones

CODE	FITTING	HOLDER
AZT2532A	1/2GAS	35x38+M12
AZT2610C	1/2GAS	MAGNETIC



Drainboard Groove

Kitchen Tops



THE GROOVING WIDTH IS LESS THAN THE WHEELS WIDTH BECAUSE THE WORKING DEPTH IS NORMALLY 3-4mm LOWER THAN THE RADIUS OF THE WHEEL



DRAINBOARD GROOVE WHEELS Ø200X12 RADIUS 6 MM

50mm Bore

CODE	WIDTH	TYPE	REMOVAL	RPM	FEED
ASS02605	12	Segmented G1	to profile	2000-2500	1200-1500 mm/min
ASF02620	12	Continuous G3	0.30 mm / 0.012 "		48-60 inches/min
ASF02630	12	Continuous G5	0.15 mm / 0.006 "		
ASR02690 *	12	LUX Abrasive	0.03mm/mt 0.0012 inches/mt	2000-2500	1200 mm/min
CSLG20012500B8 **	12	JOYLITE	0.00mm/0.00"		48 inches/min

** MOQ: 3 pieces



DRAINBOARD GROOVE WHEELS Ø200X15 RADIUS 7.5 MM

50mm Bore

CODE	WIDTH	TYPE	REMOVAL	RPM	FEED
ASS02705	15	Segmented G1	to profile	2000-2500	1200-1500 mm/min
ASF02720	15	Continuous G3	0.30 mm / 0.012 "		48-60 inches/min
ASF02730	15	Continuous G5	0.15 mm / 0.006 "		
ASR02790 *	15	LUX Abrasive	0.03mm/mt 0.0012 inches/mt	2000-2500	1200 mm/min
CSL00R75502008 **	15	JOYLITE	0.00mm/0.00"		48 inches/min

** MOQ: 3 pieces

Fitting available for Other Machine (Intermac, Breton, CMS, Prussiani, Omag, etc..)

**DRAINBOARD GROOVE WHEELS Ø130X15 RADIUS 7.5**

60 mm bore (30 mm bore for Breton)

CODE	WIDTH	TYPE	REMOVAL	RPM	FEED
DSS3175S	15	Segmented G1	to profile	2000-2500	1200-1500 mm/min 48-60 inches/min
DSG31753	15	Continuous G3	0.30 mm / 0.012 "		
DSG31754	15	Continuous G4	0.15 mm / 0.006 "		
DSG31755	15	Continuous G5			
DSR31751 *	15	LUX Abrasive			
DSSF175S (**)	15	Segmented G1	to profile		
DSGF1753 (**)	15	Continuous G3	0.30 mm / 0.012 "		
DSGF1754 (**)	15	Continuous G4	0.15 mm / 0.006 "		
DSGF1755 (**)	15	Continuous G5			
CSL00R75601308 **	15	JOYLITE	0.00mm/0.00"		

****MOQ: 3 pieces****New****DRAINBOARD GROOVE WHEELS Ø130X16 RADIUS 10****NEW PROFILE** R10 - 40 mm bore

CODE	WIDTH	TYPE	REMOVAL	RPM	FEED
DSG68391	16	Continuous G1F	to profile	2000-2500	1200-1500 mm/min 48-60 inches/min
DSG68393	16	Continuous G3	0.30 mm / 0.012 "		
DSG68395	16	Continuous G5	0.15 mm / 0.006 "		
DSR68391 *	16	LUX Abrasive		2000-2500	1200mm/min 48 inches/min
CSL00R10401307 **	16	JOYLITE	0.03mm/mt 0.0012 inches/mt		
CSL00R10401308 **	16	JOYLITE			

****MOQ: 3 pieces each****New****DRAINBOARD GROOVE WHEELS Ø150X16 RADIUS 10****NEW PROFILE** R10 - 40 mm bore for CMS Machines

CODE	WIDTH	TYPE	REMOVAL	RPM	FEED
DSG7110A	16	Continuous G1F	to profile	2000-2500	1200-1500 mm/min 48-60 inches/min
DSG71103	16	Continuous G3	0.30 mm / 0.012 "		
DSG71105	16	Continuous G5	0.15 mm / 0.006 "		
CLSG1501040166 **	16	JOYLITE	0.03mm/mt 0.0012 inches/mt	2000-2500	1200mm/min 48 inches/min
CLSG1501040167 **	16	JOYLITE			

****MOQ: 3 pieces each****DRAINBOARD GROOVE WHEELS Ø150X12 RADIUS 5.5**

40 mm bore

CODE	WIDTH	TYPE	REMOVAL	RPM	FEED
DSG7426A	12	Continuous G1F	to profile	2000-2500	1200-1500 mm/min 48-60 inches/min
DSG74263	12	Continuous G3	0.30 mm / 0.012 "		
DSG74265	12	Continuous G5	0.15 mm / 0.006 "		

Fitting available for Other Machine (Intermac, Breton, CMS, Prussiani, Omag, etc..)

Please Note: OMAG MACHINES NEED SPECIAL ADAPTERS

Engraving tools



WIDIA MILLS

10MM SHANK
For CARVING MARBLE

CODE	ANGLE	Ø	MAT	MOQ
AFW70005	60	10	GR	-
AFW70006	60	10	MR	10
AFW60005	90	10	GR	10
AFW60010	90	10	MR	-
AFW60020	90	15	MR	10
AFW61010	105	10	MR	10
AFW60031	120	10	MR	10

RPM: 8000 - 10000 / FEED: 150 - 250mm/min

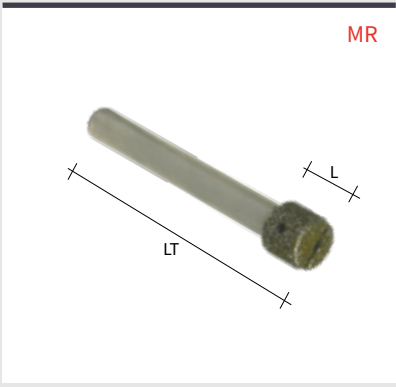


PCD MILLS

10MM SHANK
For CARVING MARBLE & GRANITE

CODE	ANGLE	Ø	ROT	MOQ
AFW80100	FLAT	10	RT	10
AFW80010	60	10	RT	-
AFW80011	60	10	LR	10
AFW80005	90	10	RT	-
AFW80008	90	10	LR	10
AFW80006	90	15	RT	10
AFW80004	120	10	RT	4

RPM: 8000 - 10000 / FEED: 150 - 250mm/min



ENGRAVING MILLS FLAT HEAD

10mm Shank Fitting
Electroplated For ENGRAVING MARBLE

CODE	Ø	L	LT	MOQ
AFE00030	4	12	90	5
AFE00035	5	12	90	5
AFE00040	6	12	90	5
EFE00036	6	20	90	5
AFE00060*	8	12	90	5
AFE00024*	8	20	140	5
EFE00245*	8	25	70	5
AFE00065*	10	12	90	5
EFE00030	10	30	100	5
EFE00248*	10	35	85	5
EFE00220*	10	40	90	5

RPM: 8000 - 10000 / FEED: 150 - 250mm/min

MOQ = Minimum Order Quantity

Engraving / Cylindrical Mills & No-Coring Drill Bits



ENGRAVING MILLS

FLAT HEAD - 6 mm Shank - ELE CTROPLATED
For ENGRAVING (min. order: 5 pcs) - NO COOLING

CODE	SIZE	MOQ
AFE00005	Ø2 L10 LT80 mm	3
AFE00011	Ø3 L12 LT60 mm	3
AFE00016	Ø4 L12 LT60 mm	3
AFE00021	Ø5 L12 LT60 mm	3
AFE00026	Ø6 L12 LT60 mm	3

RPM: 8000 - 10000 / FEED: 150 - 300mm/min

ENGRAVING MILLS

ROUND HEAD - 6 mm Shank - ELE CTROPLATED
For ENGRAVING (min. order: 5 pcs) - NO COOLING

CODE	SIZE	MOQ
AFE00010	Ø3 L15 LT60 mm	3
AFE00015	Ø4 L15 LT60 mm	3
AFE00020	Ø5 L15 LT60 mm	3
AFE00025	Ø6 L15 LT60 mm	3

RPM: 8000 - 10000 / FEED: 150 - 300mm/min

CYLINDRICAL MILLS

FLAT HEAD for GRANITE & ES
1/2 GAS Fitting

CODE	SIZE
AFF10005	Ø8 L12 mm
AFF10010	Ø10 L12 mm
AFF10015	Ø12 L12 mm
AFF10020	Ø15 L12 mm

RPM: 8000 - 10000 / FEED: 150 - 300mm/min



1/2 GAS HOLDERS (ECONOMIC LINE)

1/2 Gas > Holder for Collet ERG 20

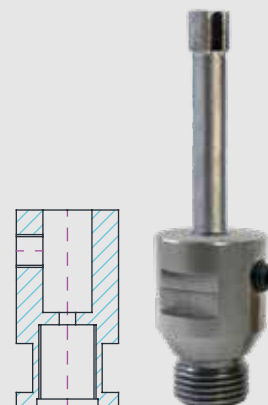
CODE	SIZE	THREAD	FITT MACHINE	FITT TOOL
AZT0571A *	L40 mm	Right	1/2 Gas Right	Erg20 Right
AZT0571F*	L40 mm	Left	1/2 Gas Left	Erg20 Left
AZZ00012 **	Pliers		D6 mm	Erg20
AZZ00013 **	Pliers		D8 mm	Erg20
AZZ00014 **	Pliers		D10 mm	Erg20
AZZ0890A ***	Clamp	Right		
AZZ0890B***	Clamp	Left		



NO-CORING DRILL BITS HOLDER

Can also be used for T31

CODE	FITTING
AZT0572B	1/2 Gas > Bore 10 *
AZT0572A	1/2 Gas > Bore 12 **
AZT0614A	ADAPTER D12 *** > Bore 8
AZT0614B	ADAPTER D12 *** > Bore 6
AZT0614C	ADAPTER D12 *** > Bore 5
AZT0591A	M14 FEM > Bore 10
AZT0591B	M14 FEM > Bore 12





Sculpture tools

Electroplated Conic Mills Sculpture



MAIN FINGERBITS - CONIC

THREADED FOR THE ADDITION OF REPLACEABLE TIPS
Electroplated - F=1/2Gas > M10 - For ENGRAVING

CODE	SIZE	RPM	FEED
AFE40020 ☺	Ø18/20 L15 Lu15 mm	6000 - 7000	400 - 800 mm/min
AFE40030	Ø18/20 L15 Lu30 mm		
AFE40060	Ø18/20 L15 Lu60 mm		
AFE40035 ☺	Ø18/20 L15 Lu100 mm		
AFE40025 ☺	Ø18/20 L15 Lu150 mm		



CONIC MILLS SEG.

F=1/2Gas - For ENGRAVING

CODE	SIZE
AFS50010	Ø8/14 L40 mm
AFS50006 ☺	Ø14/20 L40 mm
AFS50004	Ø22/28 L50 mm

RPM: 7000 - 8000 / FEED: 150 - 300mm/min



CONIC MILLS C.RIM

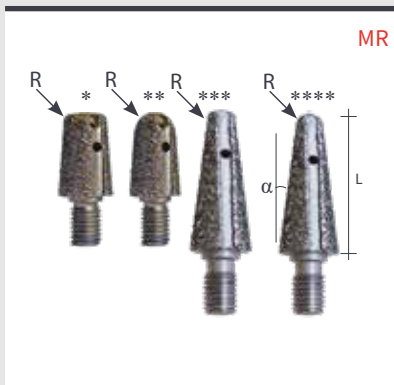
F=1/2Gas - For ENGRAVING

CODE	SIZE
DFG32111 ☺	Ø8/12 L20 mm
DFG43191	Ø5/12 L20 mm

RPM: 7000 - 8000 / FEED: 150 - 300mm/min

WATCH
Youtube Video





REPLACEABLE TIPS FOR CONIC MAIN FINGERBITS

Electroplated - F=M10 - For ROUGHING - **MINIMUM ORDER: 5pcs**

CODE	SIZE	α	GRIT	RPM	FEED
AFE42001 * ☺	Ø14/18 L25 mm R=3mm	5°	D602	6000 - 7000	400 - 800 mm/min
AFE42002**	Ø14/18 L25 mm R=6mm	5°	D602		
AFE42009*** ☺	Ø10/18 L50 mm R=3mm	5°	D851		
AFE42015****	Ø10/18 L50 mm R=5mm	5°	D851		
AFE42016****	Ø5/18 L45 mm R=2.5mm	5°	D602		



CONIC FINGERBITS

Electroplated - F=M10 - For ROUGHING

CODE	SIZE	GRIT	RPM	FEED
AFE30005	Ø8/14 L40 mm Lu40 R3	D602	6000 - 7000	400 - 800 mm/min
AFE30010	Ø14/20 L40 mm Lu40 R3			
AFE30018	Ø14/20 L40 mm Lu70 R3			
AFE30020	Ø14/20 L40 mm Lu100 R3			
AFE30025	Ø14/20 L40 mm Lu120 R3			

Heavy Metal Conic Mills



CONIC MILLS - WIDIA

F=1/2 Gas - For FINISHING

CODE	Ø	L	Lu	R	Øe	RMP	FEED
AFW50005	3	30	60	1.5	15	8000	150mm/min.
AFW50010	5	30	60	2.5	15		
AFW50040	3	50	85	1.5	22		
AFW50015	5	50	85	2.5	22		
AFW50044	3	30	115	1.5	22		
EFW00010	5	30	115	2.5	22		
AFW50017	5	50	115	2.5	22		
AFW50045	3	50	115	1.5	22		
AFW50070	3	44/75	125	1.5	19		
AFW50075	5	44/75	125	2.5	19		

WATCH
Youtube Video



CONIC MILLS - HARD METAL TG6°

F=1/2 Gas - For FINISHING

CODE	Ø	L	Lu	R	Øe	RMP	FEED
AFW40350	5	48	50	2.5	12	8000	150mm/min.
AFW40370 ☺	5	80	103	2.5	16		
AFW40380 ☺	8	102	125	4	20		
AFW40365 ☺	2	28	43	1	12		
AFW40360	11	40	55	5.5	20		

WATCH
Youtube Video



Special Works



CUTTING FINGERBITS

F=1/2Gas - ELECTROPLATED

CODE	SIZE
AFE80005	Ø16 x 30 mm
AFE80010 ☺	Ø16 x 40 mm
AFE80015	Ø16 x 50 mm

RPM: 4800 - 5500 / FEED: 250 - 500mm/min



CUTTING FINGERBITS

F=1/2Gas - ELECTROPLATED

CODE	SIZE
AFE80027 ☺	Ø20 x 60 mm
AFE80030	Ø20 x 70 mm
AFE80034	Ø20 x 80 mm
AFE80037	Ø20 x 100 mm
AFE80055 ☺	Ø23 x 105 mm

RPM: 4800 - 5500 / FEED: 250 - 500mm/min



CUTTING FINGERBITS

FLANGED CONNECTION - ELECTROPLATED

CODE	SIZE
EFE00085	Ø20 x 210 mm
EFE00034	Ø30 x 115 mm
EFE00144	Ø30 x 215 mm
DFE3185E	Ø20 x 50 Lu185 mm
DFE1642A	Ø30 x 30 Lu280 mm
EFE00023	Ø30 x 50 Lu200 mm
DFE3075D	Ø30 x 60 Lu340 mm

RPM: 4500 - 5200 / FEED: 250-500 mm/min
10-20 inches/min



CUTTING FINGERBITS

F=1/2Gas - ELECTROPLATED

CODE	SIZE
AFE81005	Ø23 x 40 Lu85 mm
AFE81010 ☺	Ø23 x 40 Lu105 mm
AFE81015 ☺	Ø23 x 40 Lu125 mm
AFE81020	Ø23 x 40 Lu155 mm
AFE81030	Ø23 x 40 Lu205 mm

RPM: 4500 - 5200 / FEED: 250-500 mm/min
10-20 inches/min



CUTTING MAIN FINGERBITS

THREADED FOR THE ADDITION OF REPLACEABLE TIPS

Electroplated - F=1/2Gas

CODE	SIZE	FITTING	RPM	FEED
EFE00176	Ø20 x 40 mm	M12 FEMALE	4500 - 5200	250-500 mm/min 10-20 inches/min
EFE00183 ☺	Ø20 x 50 mm	M12 FEMALE		
EFE00164	Ø20 x 60 mm	M12 FEMALE		
DFE35850	Ø20 x 80 mm	M12 FEMALE		
DFE45861	Ø25 x 130 mm	M12 FEMALE		



CUTTING MAIN FINGERBITS

THREADED FOR THE ADDITION OF REPLACEABLE TIPS

Electroplated - F=1/2Gas

CODE	SIZE	FITTING	RPM	FEED
EFE00200 ☺	Ø25 L40 Lu130	M12 FEMALE	4500 - 5200	250-500 mm/min 10-20 inches/min
EFE00201	Ø30 L40 Lu150	M14 FEMALE		



CUTTING MAIN FINGERBITS

THREADED FOR THE ADDITION OF REPLACEABLE TIPS

Electroplated - Flange Connection

CODE	SIZE	FITTING	RPM	FEED
DFE45821	Ø30 x 230 mm	M14 FEMALE	4500 - 5200	250-500 mm/min 10-20 inches/min
EFE00202	Ø30 x 40 Lu150	M14 FEMALE		



REPLACEABLE TIPS

Electroplated

CODE	SIZE	FITTING	RPM	FEED
EFE00165 **	Ø20 x 22 mm	M12	4500 - 5200	250-500 mm/min 10-20 inches/min
EFE00199 **	Ø30 x 30 mm	M14		
EFE00184 * ☺	Ø20 x 20 mm	M12		
DFE36552 *	Ø25 x 25 mm	M12		
DFE2831C *	Ø30 x 25 mm	M14		

Ball-Head Fingerbits

Special Works



BALL HEAD / SPHERIC MILLS

Electroplated - F=1/2Gas

CODE	SIZE	GRIT	RPM	FEED
AFE60005	Ø30 L20 mm	D1	5000 - 5500	200-400 mm/min 8-16 inches/min
AFE60010	Ø30 L20 mm	D2		
AFE60015	Ø40 L25 mm	D1		
AFE60020	Ø40 L25 mm	D2		
AFE60025	Ø50 L30 mm	D1		
AFE60030	Ø50 L30 mm	D2		



BALL HEAD / SPHERIC MILLS

Segmented - F=1/2Gas

CODE	SIZE	GRIT	RPM	FEED
AFS60005	Ø30 L20 mm	G1	5000 - 5500	200-400 mm/min 8-16 inches/min
AFS60010	Ø30 L20 mm	G3		
AFS60015	Ø40 L25 mm	G1		
AFS60020	Ø40 L25 mm	G3		
AFS60025	Ø50 L30 mm	G1		
AFS60030	Ø50 L30 mm	G3		

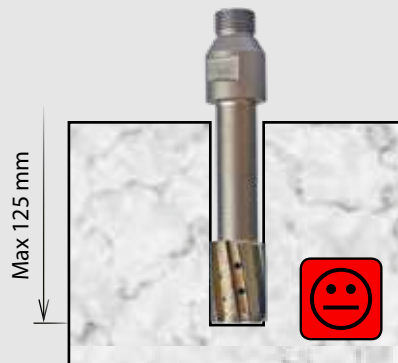
SPECIAL WORKS

Incremental Cutting Process



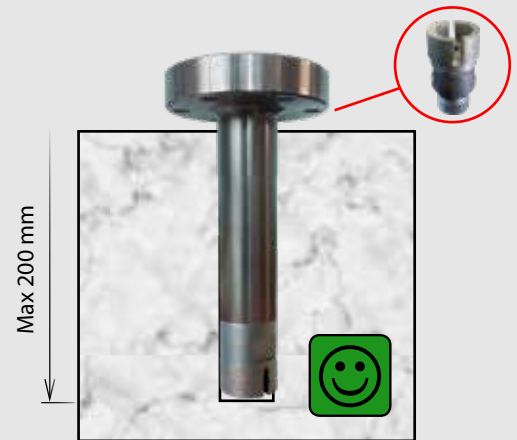
1. CROWN MILL Ø20

Cut from 30 to 80 mm
RPM: 4200 - 4800
Feed: 800 - 200 mm/min
Each Step: 2 - 3 mm



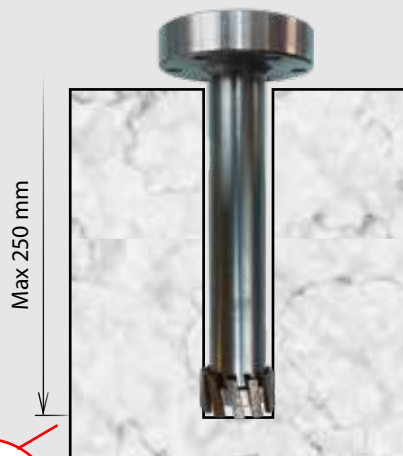
2. STEP CUTTER

Cut from 50 to 125 mm
RPM: 4800 - 5500
Feed: 800 - 200 mm/min
Each Step: 20 - 30 mm



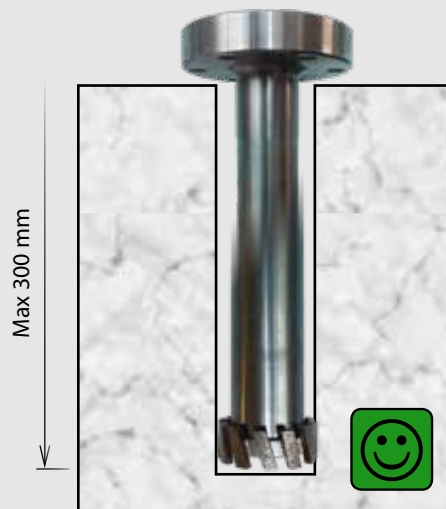
3. CROWN MILL Ø30

Cut from 60 to 200 mm
RPM: 4200 - 4800
Feed: 250 - 500 mm/min
Each Step: 1 - 3 mm



4. STUBBING WHEEL Ø40

Cut from 60 to 200 mm
RPM: 4200 - 4800
Feed: 250 - 500 mm/min
Each Step: 1 - 3 mm



5. STUBBING WHEEL Ø50

Cut from 100 to 300 mm
RPM: 4500 - 5000
Feed: 250 - 500 mm/min
Each Step: 2 - 4 mm



1. USE CROWN MILL Ø20 TO CUT 30 - 80 mm
2. USE STEP CUTTER TO CUT 50 - 125 mm
3. USE CROWN MILL Ø30 TO CUT 60 - 200 mm
4. USE Ø40 STUBBING WHEEL TO CUT 100 - 250 mm
5. USE Ø50 STUBBING WHEEL TO CUT 100 - 300 mm

Crown Mills

Special Works



Ø20 CROWN MILLS

SEGMENTED for Incremental Cutting and Flush Fit minimum radius 10 mm

CODE	SIZE	LU	FITTING	MATERIAL	RPM	FEED
CFS4C077 ☺	Ø20 x 13 mm		M12	GR. & E.S.	4800 - 5500	400 - 1000 mm/min 18 - 40 inches/min x 3mm deep
CFS4C042	Ø20 x 13 mm		M10	GR. & E.S.		
CFS4C086	Ø20 x 13 mm		M14	GR. & E.S.		
CFS4C078	Ø20 x 10 mm		M12	CERAMICS		
AFS40075	Ø15 x 20 mm	30	1/2 GAS	GR. & E.S.		
CFS40031	Ø10 x 10 mm	10	1/2 GAS	GR. & E.S.		
CFS40031CER	Ø10 x 10 mm	10	1/2 GAS	CERAMICS		
CFS40032CER	Ø12 x 10 mm	10	1/2 GAS	CERAMICS		
CFS40073CER	Ø20 x 12 mm	40	1/2 GAS	CERAMICS		



Ø20 CROWN MILLS

ELECTROPLATED for Incremental Cutting

CODE	SIZE	FITTING	RPM	FEED
AFE41010	Ø20 x 10 mm	M10	4200 - 4800	800 - 2000 mm/min x 3mm deep
AFE41020 ☺	Ø20 x 10 mm	M12		



TOOL HOLDER FOR Ø20 CROWN MILLS

1/2 Gas > M10/M12

CODE	SIZE	FITTING TOOLS	FITTING MACHINE
AZT1518G	Ø17 x 30 mm	M10	1/2 Gas
AZT1518E ☺	Ø17 x 30 mm	M12	1/2 Gas
AZT1518B	Ø17 x 60 mm	M10	1/2 Gas
AZT1518A ☺	Ø17 x 60 mm	M12	1/2 Gas
AZT1518F	Ø18 x 100 mm	M12	1/2 Gas
AZT1518T	Ø18 x 120 mm	M12	1/2 Gas



Ø30 CROWN MILLS

For Incremental Cutting

CODE	SIZE	FITTING	RPM	FEED	MOQ
DFS3705S	Ø30 x 15 mm	1/2 Gas	4200 - 4800	800 - 2000 mm/min	
DFS5574C	Ø30 x 15 mm	M14			3
DFS5033C	Ø30 x 15 mm	M16			3



Ø30 CROWN MILLS

ELECTROPLATED for Incremental Cutting

CODE	SIZE	FITTING	RPM	FEED
DFF4628E	Ø30 x 20 mm	1/2 Gas	4200 - 4800	800 - 2000 mm/min

Step Cutters

Special Works



CUTTING FINGERBITS

Segmented - For Incremental Cutting

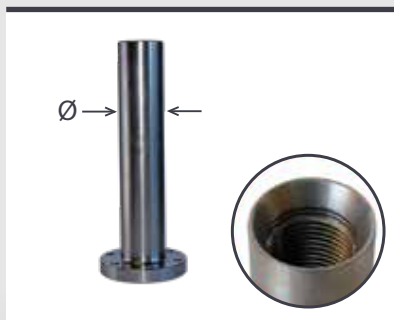
CODE	SIZE	FITTING	RPM	FEED
AFS91083	Ø23 x 40 / Z5 FB3	1/2 Gas	4800 - 5500	250-500 mm/min 10-20 inches/min
AFS91082	Ø23 x 40 / Z5 FB2	1/2 Gas		
AFS91085	Ø23 x 50 / Z5 FB3	1/2 Gas		
AFS91084	Ø23 x 50 / Z5 FB2	1/2 Gas		



CUTTING FINGERBITS

Segmented - For Incremental Cutting - NOT SUGGESTED TO WORK LONGER THAN 95mm

CODE	SIZE	FITTING	RPM	FEED
AFS90000	Ø23 L25 LT40	1/2 Gas	4800 - 5500	250-500 mm/min 10-20 inches/min
AFS90080	Ø30 L30 LT40	1/2 Gas		
AFS90065	Ø28 L40 LT95 ☺	1/2 Gas		
AFS90066	Ø28 L40 LT105 ☹	1/2 Gas		
AFS90067	Ø28 L40 LT125 ☹	1/2 Gas		



TOOL HOLDER FOR Ø20 CROWN MILLS

1/2 Gas > M10/M12

CODE	SIZE	FITTING TOOLS	FITTING MACHINE
AZT0587A	Ø28 x 100 mm	1/2 Gas (female)	B50+6HØ6.5/63
AZT0588A	Ø28 x 150 mm	1/2 Gas (female)	B50+6HØ6.5/63
AZT0589A	Ø28 x 200 mm	1/2 Gas (female)	B50+6HØ6.5/63
AZT0590A	Ø28 x 250 mm	1/2 Gas (female)	B50+6HØ6.5/63
AZT4917A	Ø28 x 300 mm	1/2 Gas (female)	B50+6HØ6.5/63



Stubbing Wheels

Special Works



STUBBING WHEELS - TURBO

Normal Diameter

CODE	SIZE	FITTING	MATERIAL	RPM	FEED
AMC00054	Ø50 x 20 mm	B14 - 3+3	GR / ES	4500 - 5000	250-500 mm/min 10-20 inches/min
AMC00055 ☺	Ø50 x 20 mm	B10 - 2+2	GR / ES		
AMC00056	Ø50 x 20 mm	B14 - 3+3	MR		
AMC00057 ☺	Ø50 x 20 mm	B10 - 2+2	MR		



STUBBING WHEELS

Segmented - Small Diameter

CODE	SIZE	FITTING	RPM	FEED
EMS00143	Ø53 x 20 mm	B14 - 3+3	4500 - 5000	250-500 mm/min 10-20 inches/min
AMS00020 ☺	Ø50 x 20 mm	B10 - 2+2		
EMS00095	Ø50 x 20 mm	B14 - 3+3		
AMS00178 ☺	Ø53 x 30 mm	B10 - 2+2		
AMS00021	Ø53 x 20 mm	B10 - 2+2	4800 - 5500	
AMS00002 ☺	Ø40 x 20 mm	B8.5 TSEI +2B		



STUBBING WHEELS

Electroplated - Small Diameter

CODE	SIZE	FITTING	RPM	FEED
AME00020 ☺	Ø50 x 20 mm	B10 - 2+2	4500 - 5000	250-500 mm/min 10-20 inches/min
AME00028	Ø50 x 20 mm	B14 - 3+3		
AME00015	Ø40 x 20 mm	B8.5 TSEI +2B	4800 - 5500	



STUBBING WHEELS

Segmented - Small Diameter - F=1/2Gas

CODE	SIZE	FITTING	RPM	FEED
DFS4628S	Ø30 x 20 mm	1/2 Gas	5500-6500	400-500 mm/min
DFS4831S	Ø40 x 25 mm	1/2 Gas		
DFS4831X	Ø40 x 25 mm	1/2 Gas LT		
LT = Left Thread				



STUBBING WHEELS

Segmented - Small Diameter - F=1/2Gas

CODE	SIZE	FITTING	RPM	FEED
DfE4831E ☺	Ø40 x 25 mm	1/2 Gas	5500-6500	400-500 mm/min
DfE4628E	Ø30 x 20 mm	1/2 Gas		



STUBBING WHEELS - CONCAVE

Segmented

CODE	SIZE	FITTING	RPM	FEED
DSS5348S	Ø50 x 23 mm	Ø10+2 holes	5500-6500	400-500 mm/min
DSS5455S	Ø85 x 23 mm	Ø50+3 holes		



STUBBING WHEELS - CONCAVE

Electroplated

CODE	SIZE	FITTING	RPM	FEED
DSE1612E ☺	Ø50 x 20 mm	Ø10+2 holes	5500-6500	400-500 mm/min
DSE3649D	Ø100 x 20 mm	Ø50+6 holes		
DSE5455E ☺	Ø85 x 23 mm	Ø50+3 holes		



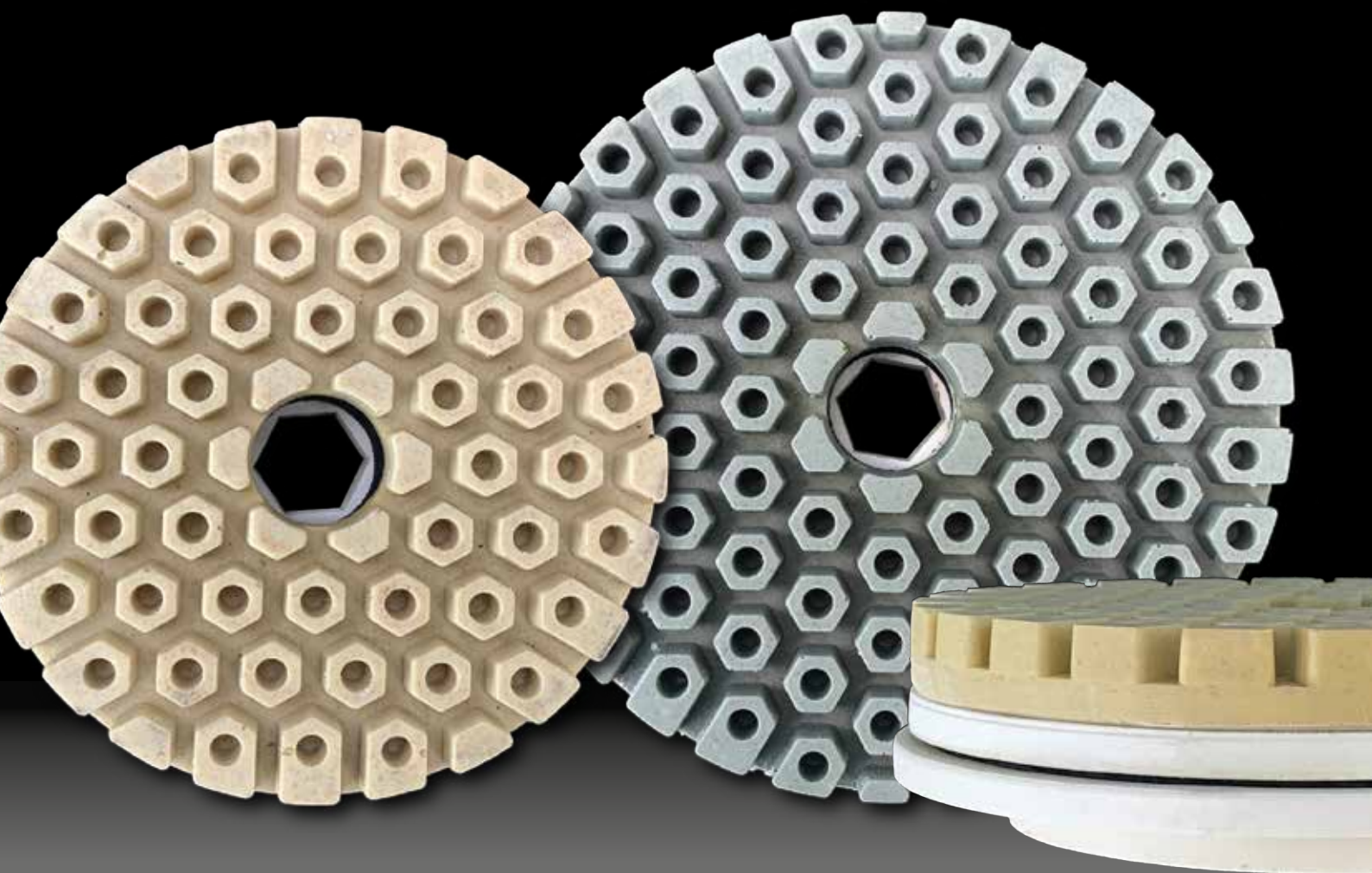
STUBBING WHEELS - REINFORCED

Segmented

CODE	SIZE	FITTING	RPM	FEED
DSS5444G	Ø53 x 24 mm	Ø10+2 holes	5500-6500	400-500 mm/min
DSS5445G	Ø88 x 24 mm	Ø50+6 holes		
DFS5593S	Ø30 x 20 mm	1/2 Gas		
DFS5594S	Ø50 x 20 mm	1/2 Gas		

ProGlo Waffle

by NICOLAI



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Kit for Polishing



GENERATING WHEEL

For Profiling

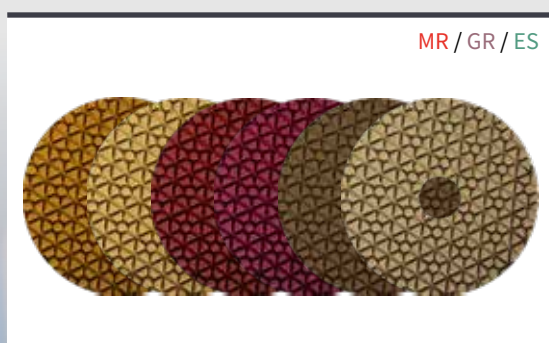
CODE	SIZE	FITTING	RPM	FEED
ACF8FL4S	Ø100 x 30 mm	Flange	4000 - 4500	500-1000 mm/min



FITTING FLANGE FOR PADS

Velcro fitting for polishing pads

CODE	SIZE	FITTING
AZT3673A	Ø100 mm - 4"	Flange > M14
AZZ00197	Ø100 mm - 4"	Velcro > M14



POLISHING PADS - DIAHARD (FOR WET USE)

Velcro fitting for polishing pads

CODE	GRIT
CCR63005	#1
CCR63010	#2
CCR63015	#3
CCR63020	#4
CCR63025	#5
CCR63030	#6

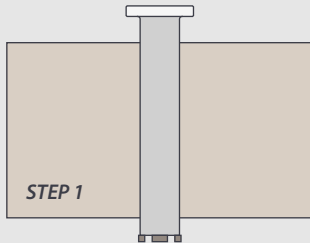
Tools for SINKS



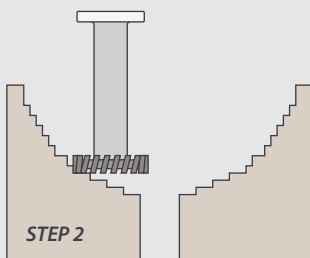
SINKS

Granite & ES workflow

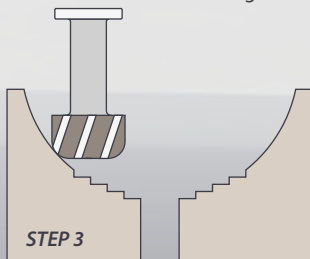
CORE BIT - Segmented



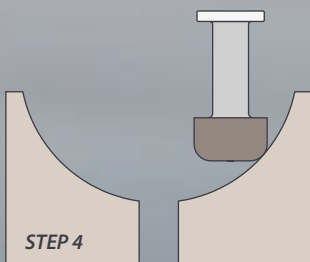
STUBBING WHEEL - Segmented



COARSE HEAD MILL - Segmented Coarse

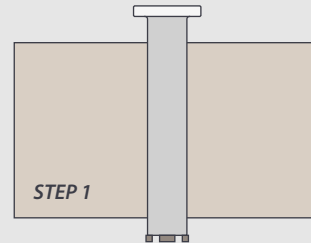


FINE HEAD MILL - Segmented Fine

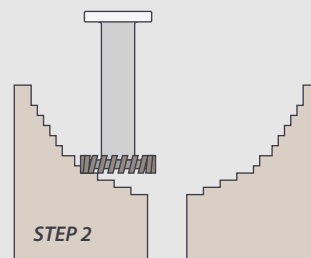


Marble workflow

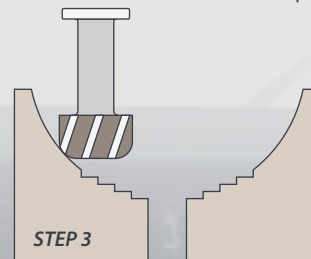
CORE BIT - Electroplated



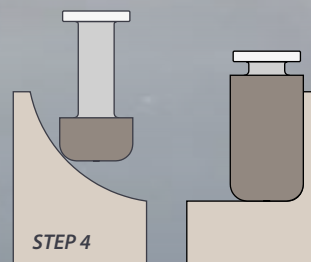
STUBBING WHEEL - Electroplated



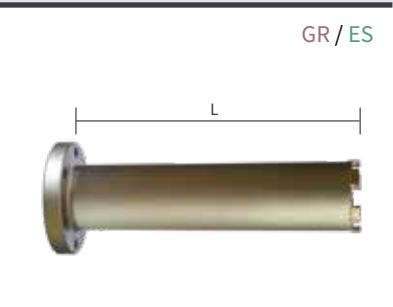
COARSE HEAD MILL - Electroplated



FINE HEAD MILL - Electroplated



Granite Sinks



CORE BITS - SEGMENTED

STEP 1

CODE	SIZE	RPM	FEED	DISTANCE
APS4E050	Ø50 L170 mm	2000-2500	60-120 mm/min 2.4-4.8 inches/min	to drill initial hole
APS4F050	Ø50 L200 mm			
APS4H050	Ø50 L250 mm			
APS4E090	Ø90 L170 mm	1000-1500	60-120 mm/min 2.4-4.8 inches/min	to drill initial hole
APS4F090	Ø90 L200 mm			
APS4H090	Ø90 L250 mm			



STUBBING WHEELS - SEGMENTED

STEP 2

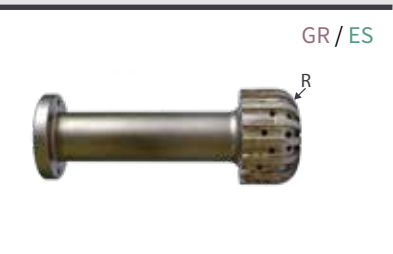
CODE	SIZE	RPM	FEED	DISTANCE
AMS00089	Ø88 x 20 mm	4300-5000	300-600 mm/min 12-24 inches/min	3-6 mm 0.12-0.24 “



EXTENSION FLANGES

For ROUND HEAD MILLS

CODE	SIZE	CODE	SIZE
AZT0584A	Ø45 L133 mm	AZT2501A	Ø45 L300 mm
AZT0734A	Ø45 L207 mm	AZT3753A	Ø45 L400 mm



ROUND HEAD MILLS - SEGMENTED

STEP 3-4

CODE	SIZE	GRIT	RPM	FEED	DISTANCE
AFS70025	Ø85 R20 L50 LT177*	COARSE	4500-4800	600-1000mm/ min 24-40 inches/ min	1-5 mm 0.04-0.20 “
AFS70030	Ø85 R20 L50 LT177**	MEDIUM			
AFS70026	Ø85 R20 L50 LT225*	COARSE			
AFS70031	Ø85 R20 L50 LT225**	MEDIUM			

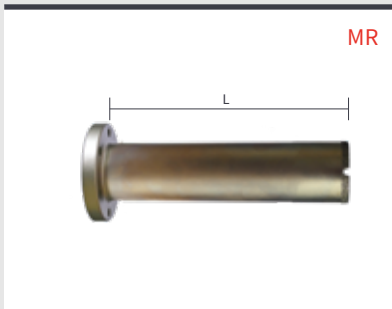


ROUND HEAD MILLS - SEGMENTED

STEP 3-4

CODE	SIZE	RPM	FEED	DISTANCE
AFS70005	Ø50 R20 L50 LT177*	4500-4800	600-1000mm/ min 24-40 inches/ min	1-5 mm 0.04-0.20 “
AFS70010	Ø50 R20 L50 LT177**			
AFS70015	Ø50 R20 L50 LT225*			
AFS70020	Ø50 R20 L50 LT225**			
* COARSE ** MEDIUM				

Marble Sinks



CORE BITS - ELECTROPLATED

STEP 1

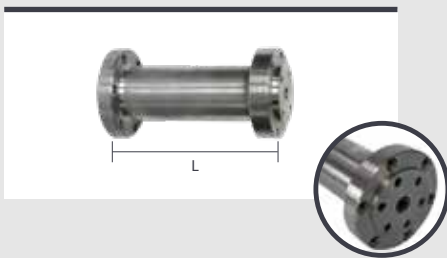
CODE	SIZE	RPM	FEED	DISTANCE
APE43049	Ø50 L170 mm	2000-2500	60-120 mm/min	to drill initial hole
APE43050	Ø50 L200 mm			
APE4i050	Ø50 L250 mm			
APE50080	Ø90 L170 mm	1000-1500	2.4-4.8 inches/min	
APE50090	Ø90 L200 mm			
APE4i090	Ø90 L250 mm			



STUBBING WHEELS - ELECTROPLATED

STEP 2

CODE	SIZE	RPM	FEED	DISTANCE
AME00030	Ø85 x 20 mm	5000-5300	500-600 mm/min 20-24 inches/min	3-6 mm 0.12-0.24 "



EXTENSION FLANGES

For ROUND HEAD MILLS

CODE	SIZE	CODE	SIZE
AZT0584A	Ø45 L133 mm	AZT2501A	Ø45 L300 mm
AZT0734A	Ø45 L207 mm	AZT3753A	Ø45 L400 mm



ROUND HEAD MILLS - ELECTROPLATED

STEP 3-4

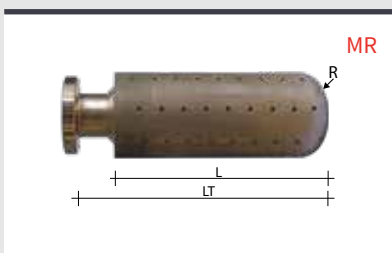
CODE	SIZE	GRIT	RPM	FEED	DISTANCE
AFE70015	Ø85 R20 L50 LT177	COARSE	5000-6000	800-1000mm/ min 32-40 inches/min	1-5 mm 0.04-0.20 "
AFE70020	Ø85 R20 L50 LT177	MEDIUM			
AFE70025	Ø85 R20 L50 LT225	COARSE			
AFE70030	Ø85 R20 L50 LT225	MEDIUM			



BALL HEAD MILLS - ELECTROPLATED

STEP 3-4

CODE	SIZE	GRIT	RPM	FEED	DISTANCE
AFE70005	Ø50 R20 L50 LT177	COARSE	5000-6000	800-1000mm/ min 32-40 inches/min	1-5 mm 0.04-0.20 "
AFE70010	Ø50 R20 L50 LT177	MEDIUM			
AFE70013	Ø50 R20 L50 LT225	COARSE			
AFE70014	Ø50 R20 L50 LT225	MEDIUM			



ROUND HEAD MILLS - ELECTROPLATED

STEP 4

CODE	SIZE	GRIT	RPM	FEED	DISTANCE
DFE2980A	Ø85 R20 L200 LT250	F	5000-6000	800-1000mm/ min 32-40 inches/min	1-5 mm 0.04-0.20 "
DFE2980B	Ø85 R20 L200 LT250	M			

NICOLAI

D I A M A N T

NEW Cutting Tools for Quartzite



AFS9001Q
D23 L40 1/2G Z5

AF59014Q
D23 L40 1/2G Z7



AMS0015Q
D88 S20 Z26 F50



AM50016Q
D50 S20 Z12 F10

AM50017Q
D50 S20 Z12 F14

Replaceable Head Mills



ROUND HEAD MILLS - SEGMENTED (REPLACEABLE)

B50+6H Ø6.5/63

GRIT	CODE	SIZE	FITTING	EXTENSION	
P1	DFS3382S	Ø85 R20 L50 mm	B50+6HØ6.5/63	A	B
P3	DFS33823	Ø85 R20 L50 mm	B50+6HØ6.5/63	A	B



ROUND HEAD MILLS - ELECTROPLATED (REPLACEABLE)

B50+6H Ø6.5/63

GRIT	CODE	SIZE	FITTING	EXTENSION	
D602	DFE3382D	Ø85 R20 L50 mm	B50+6HØ6.5/63	A	B
D107	DFE3382B	Ø85 R20 L50 mm	B50+6HØ6.5/63	A	B



ROUND HEAD MILLS - ELECTROPLATED (REPLACEABLE)

M24x2 FEM

GRIT	CODE	SIZE	FITTING	EXTENSION	
D602	DFE5172D	Ø50 R20 L50 mm	M24x2 FEM	C	
D107	DFE5172B	Ø50 R20 L50 mm	M24x2 FEM	C	



ROUND HEAD MILLS - SEGMENTED (REPLACEABLE)

B=35mm

GRIT	CODE	SIZE	FITTING	EXTENSION	
P1	DFS4948S	Ø85 R25 L60 mm	B=35	D	E
P3	DFS49483	Ø85 R25 L60 mm	B=35	D	E



ROUND HEAD MILLS - SEGMENTED (REPLACEABLE)

B50+6H Ø6.5/63

GRIT	CODE	SIZE	FITTING	EXTENSION	
P1	DFS4677S	Ø85 R25 L60 mm	B50+6HØ6.5/63	A	B
P3	DFS46773	Ø85 R25 L60 mm	B50+6HØ6.5/63	A	B



ROUND HEAD MILLS - ELECTROPLATED (REPLACEABLE)

B=35mm

GRIT	CODE	SIZE	FITTING	EXTENSION	
D602	DFE4948D	Ø85 R25 L60 mm	B=35	D	E
D107	DFE4948B	Ø85 R25 L60 mm	B=35	D	E

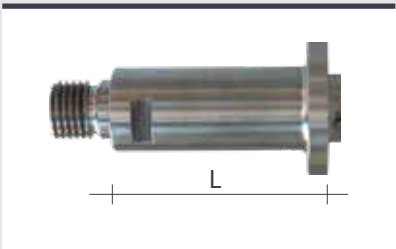
Extensions / Adaptors / Tool Holders



EXTENSIONS FLANGE > FLANGE

For Replaceable Ø85 Round Heads

REF	CODE	SIZE	FITTING MACHINE	FITTING TOOL
A	AZT0583A	Ø45 L100 mm	B50+6HØ6.5/63	Ø50+6M6/63
A	AZT0584A	Ø45 L133 mm	B50+6HØ6.5/63	Ø50+6M6/63
A	AZT0734A	Ø45 L207 mm	B50+6HØ6.5/63	Ø50+6M6/63
A	AZT2501A	Ø45 L300 mm	B50+6HØ6.5/63	Ø50+6M6/63



FITTING M30 > FLANGE

For Replaceable Ø85 Round Heads

REF	CODE	SIZE	FITTING MACHINE	FITTING TOOL
B	AZT3382A	Ø45 L110 mm	M30 breton	Ø50+6M6/63
B	AZT3382B	Ø45 L160 mm	M30 breton	Ø50+6M6/63
B	AZT3382C	Ø45 L110 mm	M30 thibaut	Ø50+6M6/63
B	AZT3382D	Ø45 L160 mm	M30 thibaut	Ø50+6M6/63



EXTENSIONS FLANGE > M24X2

For Replaceable Ø50 Round Heads

REF	CODE	SIZE	FITTING MACHINE	FITTING TOOL
C	AZT5172A	Ø40 L175 mm	B50+6HØ6.5/63	M24x2
C	AZT5172B	Ø40 L127 mm	B50+6HØ6.5/63	M24x2



EXTENSIONS FLANGE > D35

For Replaceable Ø85 Round Heads

REF	CODE	SIZE	FITTING MACHINE	FITTING TOOL
D	AZT2509A	Ø45 L100 Lu150 mm	B50+6HØ6.5/63	Ø35 x 39 mm
D	AZT2509B	Ø45 L150 Lu200 mm	B50+6HØ6.5/63	Ø35 x 39 mm



FITTING M30 > D35

For Replaceable Ø85 Round Heads

REF	CODE	SIZE	FITTING MACHINE	FITTING TOOL
E	AZT4948A	L70 mm	M30 breton	Ø35 x 39 mm
E	AZT4948B	L140 mm	M30 breton	Ø35 x 39 mm
E	AZT4948C	L70 mm	M30 thibaut	Ø35 x 39 mm
E	AZT4948D	L140 mm	M30 thibaut	Ø35 x 39 mm

ISO Cones



1/2 GAS CONES



FLANGED CONES



WHEEL HOLDER



ISO 50 CONES



HSK80 / BRETON



SPECIAL CONES



on request we can produce any kind of ISO40 and HSK cone for any kind of machine and with any kind of fitting

ISO40: INTERMAC / NORTHWOOD

WHEEL HOLDER CODE	SIZE	1/2GAS CODE	FITTING	FLANGE CODE	FITTING
AZC1826A	Ø22 L34 mm	AZC1004A	1/2G (female) L0mm	AZC1007A	Ø50 Fl. (short) L0mm
AZC1827A	Ø22 L47 mm				
AZC1005A	Ø35 L39 mm				
AZC1825A	Ø35 L47 mm				
AZC1006A	Ø35 L59 mm				
AZC2360A	Ø35 L80 mm				

ISO40: BAVELLONI / PEDRINI / SCANDINVENT

WHEEL HOLDER CODE	SIZE	1/2GAS CODE	FITTING	FLANGE CODE	FITTING
AZC1434A	Ø22 L39 mm	AZC1433A	1/2G (female) L20mm	AZC4013A	Ø50 Fl. (short) L22mm
AZC3273A	Ø22 L49 mm				
AZC3743A	Ø22 L60 mm				
AZC3708A	Ø22 L90 mm				
AZC3734A	Ø35 L39 mm				
AZC3734B	Ø35 L65 mm				
AZC3295A	Ø35 L107 mm				

ISO40: DENVER / PARK INDUSTRIES

WHEEL HOLDER CODE	SIZE	1/2GAS CODE	FITTING	FLANGE CODE	FITTING
AZC3893A	Ø35 L39 mm	AZC3894A	1/2G (female)	AZC4034A	Ø50 Fl. (short) L22mm

ISO40: OMAG

WHEEL HOLDER CODE	SIZE	1/2GAS CODE	FITTING	FLANGE CODE	FITTING
AZC3567A	Ø35 L39 mm	AZC3566A	1/2G (female)	AZC3568A	Ø50 Fl. (short) L22mm
AZC4436A	Ø35 L60 mm			AZC3569A	Ø50 Fl. (long) L120mm
AZC4619A	Ø35 L80 mm				

ISO40: PRUSSIANI

WHEEL HOLDER CODE	SIZE	1/2GAS CODE	FITTING	FLANGE CODE	FITTING
AZC4663A*	Ø35 L50 mm	AZC3370A*	1/2G (female)	AZC2194A*	Ø50 Fl. (short) L25mm
AZC4018A*	Ø35 L110 mm	AZC4016A	1/2G (female)	AZC4764A	Ø50 Fl. (short) L30mm
AZC4017A	Ø35 L110 mm				

**big size for Oceania / Asia / Enrgia Plus / Europa*

HSK80: BRETON

WHEEL HOLDER CODE	SIZE	1/2GAS CODE	FITTING	FLANGE CODE	FITTING
AZC1946B	Ø35 L32 mm	AZC3165A	1/2G (female)	AZC4564A	M30
AZC1946A	Ø35 L39 mm	AZC1949A	ERG 40	AZC4952A	Ø50 Fl. L44mm
AZC1946D	Ø35 L47 mm				
AZC1946E	Ø35 L80 mm				

ISO40: DONATONI / QDESIGN / TDROBOTIX

WHEEL HOLDER CODE	SIZE	1/2GAS CODE	FITTING	FLANGE CODE	FITTING
AZC3734C	Ø35 L39 mm	AZC5118B	1/2G (female) L45 mm	AZC4013D	Ø50 Flange L30 mm
AZC4972B*	L230 mm - Ø60+6M8	AZC5255B	1/2G (female) L75 mm	AZC4203B	Ø50 Flange L300 mm

**blade holder*

ISO40: CMS / BREMBANA NEW STYLE

WHEEL HOLDER CODE	SIZE	1/2GAS CODE	FITTING	FLANGE CODE	FITTING
AZC1066A	Ø35 L39 mm	AZC1069A	1/2G (female)	AZC1067A	Ø50 Flange (short)
AZC2320A	Ø35 L48 mm			AZC1068A	Ø50 Flange (long)
AZC1894A	Ø35 L58 mm				
AZC1423A	Ø35 L80 mm			Brembana Old Style and other cones available on request	

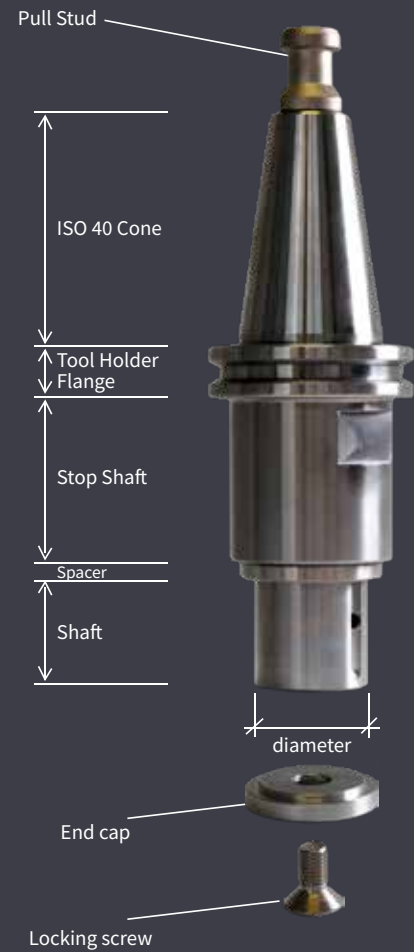
ISO50: HSD ROBOT / OMAG

WHEEL HOLDER CODE	SIZE	L	FITTING
AZC4506B	ISO50	40	Ø50+6B (M6/63) + 1B Ø6/63
AZC5367A	ISO50	100	Ø60+6B (M8/125) BLADE HOLDER
AZC4958A	ISO50	200	Ø60+6B (M8/125) BLADE HOLDER
AZC4505A	ISO50	30	1/2 GAS FEM
AZC4425G	ISO50	50	1/2 GAS FEM
AZC5601A	ISO50	200	1/2 GAS FEM
AZC5784A	ISO50	300	1/2 GAS FEM
AZC4506A	ISO50	40	Ø50+6B (M6/63)
AZC6389B	ISO50	500	Ø50+6+6B Tempered & Balanced
AZC6389A	ISO50	600	Ø50+6+6B Tempered & Balanced
AZC6033A	ISO50	70	PLIERSHOLDER ERG32
AZC6033B	ISO50	100	PLIERSHOLDER ERG32
AZC6033A	ISO50	40	PLIERSHOLDER ERG40

ISO50: GMM

WHEEL HOLDER CODE	SIZE	L	FITTING
AZC6895O	ISO50	50	1/2G FEM
AZC6895F	ISO50	50	D50+6F M6/63 +6F M8/63
AZC6895E	ISO50	50	M36X2 DX
AZC6895Y	ISO50	75	D50+6F M6/63 +6F M8/63
AZC6895K	ISO50	100	1/2G FEM
AZC6895L	ISO50	150	1/2G FEM
AZC6895M	ISO50	200	1/2G FEM
AZC6895N	ISO50	300	1/2G FEM
AZC6895U	ISO50	300	D50+6F M6/63 +6F M8/63
AZC6895P	ISO50	300	D60+6F M8/125
AZC6895S	ISO50	500	1/2G FEM
AZC6895W	ISO50	500	D10+4F M6/25
AZC6895V	ISO50	500	D50+6F M6/63 +6F M8/6
AZC6895C	ISO50		TOOL HOLDER ERG32

CONE PARTS EXPLAINED



CONES



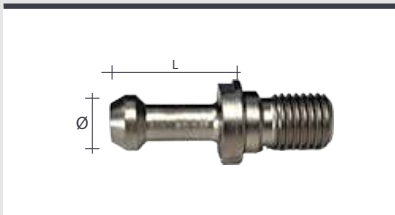
DIN69872	
Pull Stud for ISO40 Cones	
CODE	SIZE
AZT0876A	Ø19 L26 mm

Used for:
Loffler, Omag, Pedrini, Prussiani, Ravelli, Tecno,
Scandinvent, Thibaut, Brembana CMS, Helios,
Bavelloni, Pedro Cruz, Noat.



ISO7388/2A	
Pull Stud for ISO40 Cones	
CODE	SIZE
AZT1831A	Ø15 L26 mm

Used for:
Intermac, Nortwood, Bimatec,
TD Robotics, Donatoni, Q Design.



BT40	
Pull Stud for ISO40 Cones	
CODE	SIZE
AZT1989A	Ø19 L36 mm

Used for:
Nuova Omec, Denver, Helios,
Park Industry, Bidese, Noat.



DIN69872	
Pull Stud for ISO50 Cones	
CODE	SIZE
AZT4974A	Ø28 L34 mm

Used for:
Omag, Donatoni, Q Design, Agut.



DIN69872			
Pull Stud for ISO50 Cones			
CODE	SIZE	THREAD	TYPE / MACHINE
AZZ00019	ISO40	Male	CMS Brembana / Prussiani / Ravelli
AZZ00194	ISO40	Female	CMS Brembana
AZZ00223	ISO40	Female	Watertight



TELESCOPIC CONES (W/ SPRINGS)

For Polishing Surface

CODE	SIZE	TYPE / MACHINE
AZC4717A	ISO40	BAVELLONI / PEDRINI / SCANDINVENT
AZC5382A	ISO40	RAVELLI NEW
AZC4743A	ISO40	CMS Brembana New
AZC4717A	ISO40	BAVEL/PEDR/SCAND
AZC7369A	ISO40	BRETON/1 FITT.=M16 MALE
AZC7251C	ISO40	BT40 FITT.=M14 MALE
AZC7008A	ISO40	COCH FITT.=M16 MALE
AZC7296C	ISO40	GMM FITT.=M16 MALE
AZC4890C	ISO40	HSD ROBOT FITT.=M14 MALE
AZC6763C	ISO40	PRUS-SMALL FITT.=M14 MALE
AZC5382A	ISO40	RAVELLI NEW FITT.=M16 MALE
AZC4890A	ISO40	SACCARDO FITT.=M16 MALE
AZC4890D	ISO40	SFT ROBOT FITT.=M14 MALE
AZC4890B	ISO40	SFT ROBOT FITT.=M16 MALE
AZC4743A	ISO40	TECNO FITT.=M16 MALE
AZC5072A	ISO40	THIBAUT FITT.=M16 MALE
AZC6572A	ISO50	CONO ISO50 HSD ROBOT FITT.=M14 MALE
AZC6572B	ISO50	CONO ISO50 HSD ROBOT PARZIALE
AZC6152A	ISO50	CONO ISO50 RAVELLI FITT.=M16 MALE

Tools for Surfaces

Fixed & Telescopic Adapter for Slab Polishing



TELESCOPIC PLATE FOR 3 GIOTTO FRANKFURTS

Flange fitting

CODE	SIZE	FITTING
AZT5769A	Ø300 (12") H115	Bore50+6Holes

The plate with flange fitting is made for 3 tools. It's possible to have 35mm fitting adding the AZT1218B adaptor (sold separately). See Adapters Table below

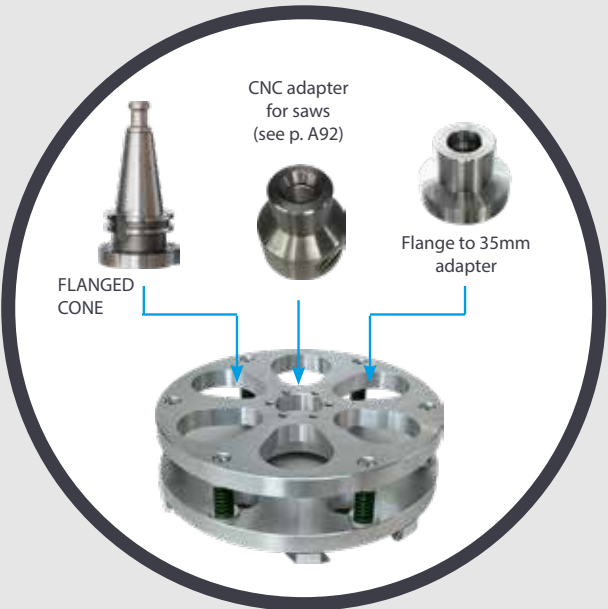


FIXED PLATE W/3 GIOTTO

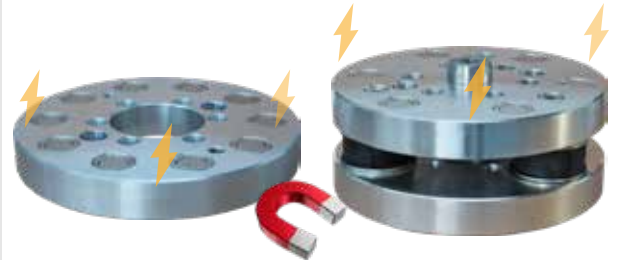
Flange fitting

CODE	SIZE	FITTING
AZT5769C	Ø300 (12")	Bore50+6Holes

The plate with flange fitting is made for 3 tools. It's possible to have 35mm fitting adding the AZT1218B adaptor (sold separately). See Adapters Table.



TO BE USED ONLY WITH MACHINES THAT CAN MANAGE POLISHING PRESSURE



FIXED MAGNETIC PLATE

Flange fitting

CODE	SIZE	FITTING
AZT6154A	Ø150 (6")	Bore50+6Holes
AZT6154B	Ø150 (6") TELESCOPIC	Bore50+6Holes

The plate with flange fitting is made for Sonic discs. Yuo can have 35mm fitting adding the AZT1218B adaptor (sold separately). See Adapters Table below



See Sonic Polishing Discs
MAGNETIC FITTING
in next page



TO BE USED ONLY WITH MACHINES THAT CAN MANAGE POLISHING PRESSURE

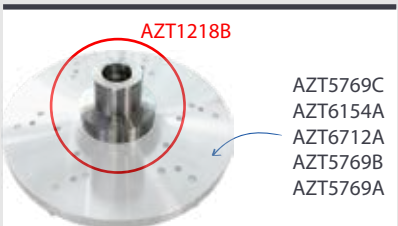


FIXED PLATE FOR VELCRO

Flange fitting

CODE	SIZE	FITTING
AZT6712A	Ø250 (10")	Bore50+6Holes

The plate is for velcro tools. It has flange fitting. It's possible to have 35mm fitting adding the AZT1218B adaptor (sold separately). See Adapters Table below.

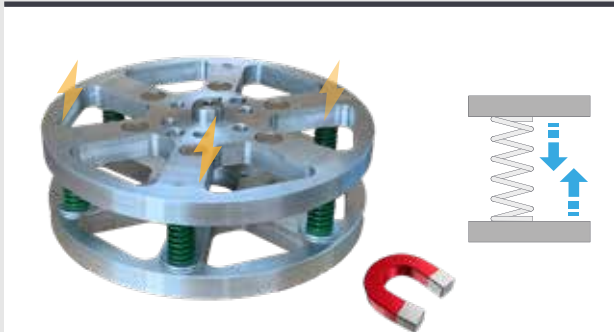


ADAPTERS FOR FIXED & TELESCOPIC PLATES

from Flange to Bore 35 mm

CODE	SIZE	FITTING
AZT1218B	Adapter	Bore50+6Holes

Telescopic Adapter for Slab Polishing



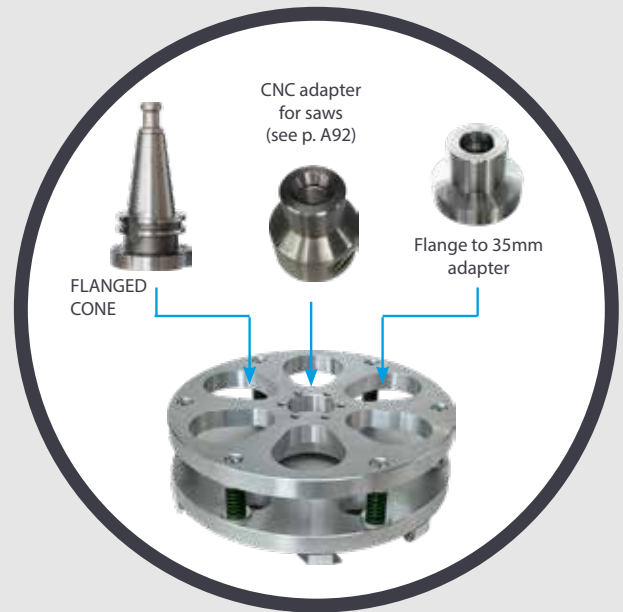
TELESCOPIC PLATE (MAGNETIC) AND ADAPTORS

Flange fitting

CODE	SIZE	FITTING
AZT5769B	Ø250 (10") H115	Bore50+6Holes

Telescopic Plate Magnet Fitting. It's possible to have adaptor for 3 Frankfurts (AZZ0352) or for velcro tools (AZZ00354). With the AZT1218B it's possible to have 35mm bore.

(Example on the right)



Ready to mount Sonic Discs with magnetic fitting.
(See next page for Sonic range)



SONIC

See Sonic Polishing Discs
MAGNETIC FITTING
in next page



+ ADAPTOR



MAGNETIC TO VELCRO adaptor

CODE	SIZE	FITTING
AZZ00354	Velcro Adapt. Ø250 (10")	Magnetic



You can mount Sonic Discs with velcro fitting
(see next page for Sonic Range)



SONIC

See Sonic Polishing Discs
VELCRO FITTING
in next page



+ ADAPTOR



MAGNETIC TO 3 FRANKFURT adaptor

CODE	SIZE	FITTING
AZZ00352	Frankf. Adapt. Ø300 (12")	Magnetic



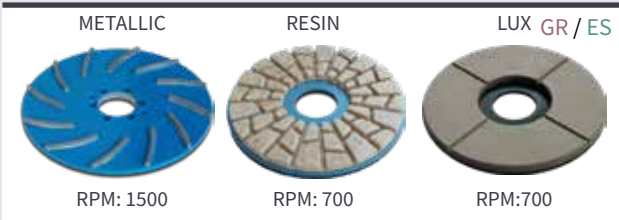
You can mount 3 Giotto tools OR
3 Finishing tools (i.e. Brushes)
(see next page for Giotto Range)



GIOTTO®

See Giotto tooling range
in next page

Polishing Discs
for Marble, Granite & Engineered Stone



FOR MARBLE

Ø250 -10" Magnetic Fitting (Ø200 - 8" available)

CODE	TYPE	GRIT	FITTING
ACS200B1	Metal Plat. Marble	1	B50+6H
ACS200B2	Metal Plat. Marble	2	B50+6H
ALRMCBMXT00060	Resin Plat. Marble	60	MAGN.
ALRMCBMXT00120	Resin Plat. Marble	120	MAGN.
ALRMCBMXT00220	Resin Plat. Marble	220	MAGN.
ALRMCBMXTL0400	Resin Plat. Marble	400	MAGN.
ALRMCBMXTL0800	Resin Plat. Marble	800	MAGN.
ALRMCBMTL01800	Resin Plat. Marble	1800	MAGN.
ALRMCBMTL03500	Resin Plat. Marble	3500	MAGN.
ALRMCBMMR00LUX	Resin Plat. Marble	LUX	MAGN.

FOR GRANITE

Ø250 -10" Magnetic Fitting (Ø200 - 8" available)

CODE	TYPE	GRIT	
ACS200A1	Metal Plat. GR & ES	1	B50+6H
ACS200A2	Metal Plat. GR & ES	2	B50+6H
ALRMCBMGB00060	Resin Plat. GR & ES	60	MAGN.
ALRMCBMGB00120	Resin Plat. GR & ES	120	MAGN.
ALRMCBMGB00220	Resin Plat. GR & ES	220	MAGN.
ALRMCBMGB00400	Resin Plat. GR & ES	400	MAGN.
ALRMCBMGB00800	Resin Plat. GR & ES	800	MAGN.
ALRMCBMGB01800	Resin Plat. GR & ES	1800	MAGN.
ALRMCBMGB0BLUX	Resin Plat. GR & ES	BUFF BLACK	MAGN.
ALRMCBMGB0WLUX	Resin Plat. GR & ES	BUFF WHITE	MAGN.

See previous pages
for mounting options
& adaptors

Example:



FOR MARBLE

Ø250 -10" Magnetic Fitting (Ø200 - 8" available)

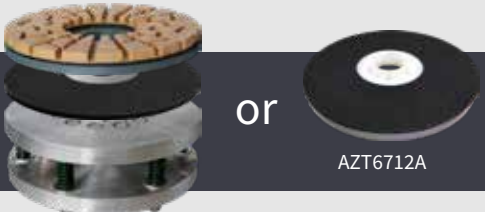
CODE	TYPE	GRIT	FITTING
ACS200B1	Metal Plat. Marble	1	B50+6H
ACS200B2	Metal Plat. Marble	2	B50+6H
ALRMCBVXT00060	Resin Plat. Marble	60	VELCRO
ALRMCBVXT00120	Resin Plat. Marble	120	VELCRO
ALRMCBVXT00220	Resin Plat. Marble	220	VELCRO
ALRMCBVXTL0400	Resin Plat. Marble	400	VELCRO
ALRMCBVXTL0800	Resin Plat. Marble	800	VELCRO
ALRMCBVTL01800	Resin Plat. Marble	1800	VELCRO
ALRMCBVTL03500	Resin Plat. Marble	3500	VELCRO
ALRMCBVMR00LUX	Resin Plat. Marble	LUX	VELCRO

See previous pages
for mounting options
& adaptors

Example:

AZZ00354
AZT5769B

or



Polishing Tools

for Marble, Granite & Engineered Stone



MR

FOR MARBLE

Various shapes available

CODE	TYPE	GRIT
ALSFA8NO	Metallic Frankfurt	80/100
ALRFIT5TT000Q2	Giotto Hybrid FKMR-4 TT (optional)	80/100
ALRFC14XT00060	GIOTTO T Resin Frankfurt	60
ALRFC14XTT0120	GIOTTO T Resin Frankfurt	120
ALRFC14XTT0220	GIOTTO T Resin Frankfurt	220
ALRFC14XTL0400	GIOTTO T Resin Frankfurt	400
ALRFC14XTL0800	GIOTTO T Resin Frankfurt	800
ALRFC14TL01800	GIOTTO T Resin Frankfurt	1800
CLRF505XVTT	GIOTTO LUX FRANKFURT	5 Extra
ALRFCP1SL0EXTL	GIOTTO CLEANER	CLEANER

(Advised Sequence)



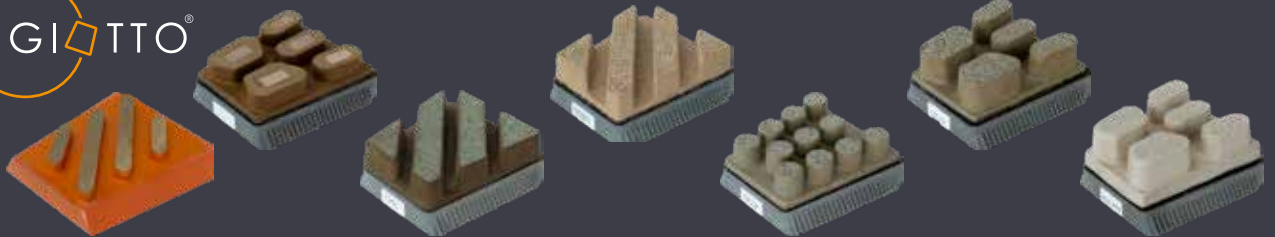
GR / ES

FOR GRANITE

Various shapes available

CODE	TYPE	GRIT
ALSF061H	Metallic Frankfurt	80/100
ALRFIT5F0000S6	Giotto Hybrid FK2 (optional)	80/100
ALRFCS4GB0060	GIOTTO Resin FRANKFURT	60
ALRFCS4GB0120	GIOTTO Resin FRANKFURT	120
ALRFCS4GB0220	GIOTTO Resin FRANKFURT	220
ALRFCS4GB0400	GIOTTO Resin FRANKFURT	400
ALRFCS4GB0800	GIOTTO Resin FRANKFURT	800
ALRFCS4GB1800	GIOTTO Resin FRANKFURT	1800
ALRFCS4GE00LUX	LUX FRANKFURT	BUFF

(Advised Sequence)



SURFACES



GR / ES

FOR ENG. STONE

Various shapes available

CODE	TYPE	GRIT
ALRFSS4M080100	Giotto Resin Sinth.	80/100
	just ask! new article is coming	120
	just ask! new article is coming	220
ALRFSS4NC0400	GIOTTO Resin FRANKFURT	400
ALRFSS4NC0800	GIOTTO Resin FRANKFURT	800
ALRFSS4NC1200	GIOTTO Resin FRANKFURT	1200
ALRFSS4NC2000	GIOTTO Resin FRANKFURT	2000

(Advised Sequence)



MR / GR

BRUSHES FOR GRANITE & MARBLE & E.S

Various shapes available

CODE	TYPE	GRIT
CLR2F024	DIAMOND Brush	24
CLR2F036	DIAMOND Brush	36
CLR2F060	DIAMOND Brush	60
CLR2F120	DIAMOND Brush	120
CLR2F220	DIAMOND Brush	220
CLR2H120	SILICON Brush	120
CLR2H180	SILICON Brush	180
CLR2H240	SILICON Brush	240

Tools for Single Head Machines

for Marble, Granite & Engineered Stone



MARBLE POLISHING

Tools sequence for Single Head machines

CODE	GRIT
FRANKFURT GIOTTO HYBRID	#4
FRANKFURT GIOTTO HYBRID	#6
FRANKFURT GIOTTO M (M08)	#3
FRANKFURT GIOTTO T	60 / 120 / 220 / 400
FRANKFURT GIOTTO SL/SR	800 / 1800
FRANKFURT 5 EXTRA	5 EXTRA
FRANKFURT GIOTTO CLEANER	-



MARBLE HONING

Tools sequence for Single Head machines

CODE	GRIT
FRANKFURT GIOTTO HYBRID	#4
FRANKFURT GIOTTO HYBRID	#6
FRANKFURT GIOTTO M (M08)	#3
FRANKFURT GIOTTO T	60 / 120 / 220
FRANKFURT SATIN RED (CLRZ0001)	240
FRANKFURT RUBBER	120 / 180



MARBLE LEATHER

Tools sequence for Single Head machines

CODE	GRIT
FRANKFURT GIOTTO M (M08)	#3
FRANKFURT BRUSH DIAMOND	24 / 36 / 46 / 60 / 120 / 220
FRANKFURT BRUSH SIC	120 / 180 / 240



GRANITE & QUARZITE POLISHING

Tools sequence for Single Head machines

CODE	GRIT
FICKERT GIOTTO RED METALLIC	RED
FICKERT GIOTTO BLUE METALLIC	BLUE
FICKERT GIOTTO B-REX	60 / 120 / 220 / 400 / 800 / 1800 / 3500 / 6000
FICKERT GIOTTO TOP LUX	LUX



GRANITE & QUARZITE HONED

Tools sequence for Single Head machines

CODE	GRIT
FICKERT GIOTTO RED METALLIC	RED
FICKERT GIOTTO BLUE METALLIC	BLUE
FICKERT GIOTTO B-REX	60 / 120 / 220
FICKERT SATIN RED (CLRZ0006)	240
FICKERT WIPER BRUSH (CLR14120NFX)	120
FICKERT WIPER BRUSH (CLR14220NFX)	220



GRANITE & QUARZITE LEATHER

Tools sequence for Single Head machines

CODE	GRIT
FICKERT GIOTTO B-REX	60
FICKERT BRUSH DIA	24 / 36 / 46 / 60 / 120 / 220
FICKERT BRUSH SIC	120 / 180 / 240



ENG. STONE & QUARTZ POLISHING

Tools sequence for Single Head machines

CODE	GRIT
FICKERT GIOTTO BLUE METALLIC	BLUE
FICKERT GIOTTO RED TYPE	80 / 120 / 220
FICKERT GIOTTO BLUE TYPE	300 / 400 / 800
FICKERT GIOTTO SINTH	1200 / 2000



ENG. STONE & QUARTZ HONED

Tools sequence for Single Head machines

CODE	GRIT
FICKERT GIOTTO BLUE METALLIC	BLUE
FICKERT GIOTTO RED TYPE	80 / 120 / 220
FICKERT SATIN GREEN (CLRZ0007)	320
FICKERT WIPER BRUSH (CLR14120NFX)	120
FICKERT WIPER BRUSH (CLR14220NFX)	220



ENG. STONE & QUARTZ LEATHER

Tools sequence for Single Head machines

CODE	GRIT
FICKERT GIOTTO RED TYPE	80
FICKERT BRUSH DIAMOND	36 / 46 / 60 / 120 / 220
FICKERT BRUSH SIC	180 / 240 / 320

Finishes

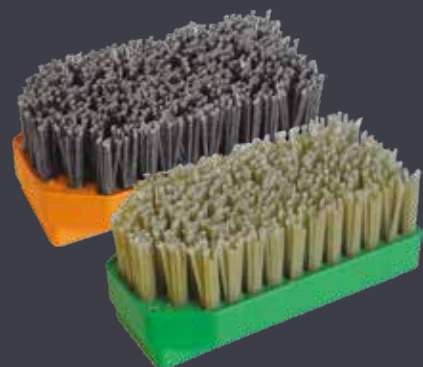
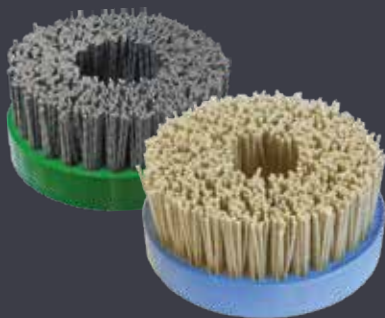
Bushhammering / Sandblasting Frankfurts



Brushes for Finishing

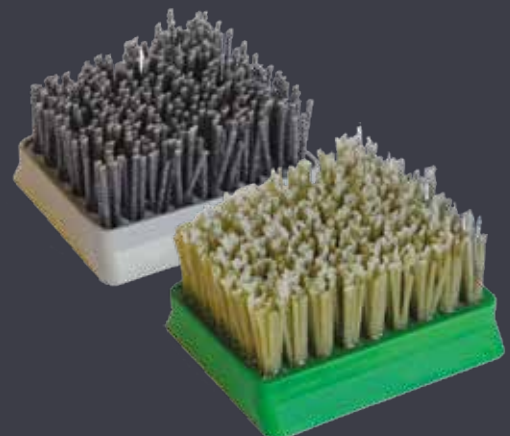
L140 FICKERT BRUSHES

DIA ABRASIVE: 24 / 36 / 46 / 60 / 80 / 120 / 180 / 220 / 300 / 400
SIC ABRASIVE: 36 / 46 / 60 / 80 / 120 / 180 / 240 / 320 / 500



Ø120 BRUSHES

DIA ABRASIVE: 24 / 36 / 46 / 60 / 80 / 120 / 180 / 220 / 300 / 400
SIC ABRASIVE: 36 / 46 / 60 / 80 / 120 / 180 / 240 / 320 / 500



FRANKFURT BRUSHES

DIA ABRASIVE: 24 / 36 / 46 / 60 / 80 / 120 / 180 / 220 / 300 / 400
SIC ABRASIVE: 36 / 46 / 60 / 80 / 120 / 180 / 240 / 320 / 500

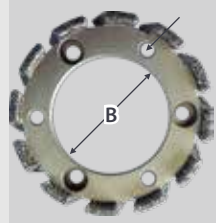
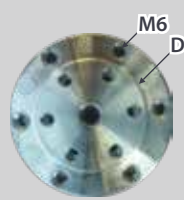
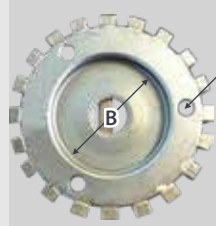
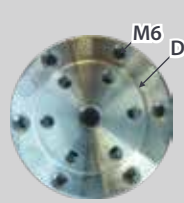
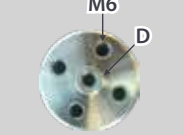
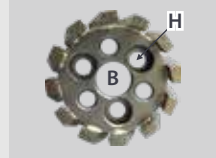
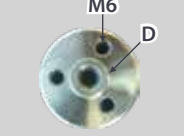
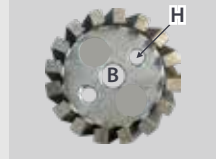
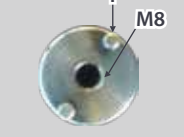


Ø250 BRUSHES

DIA ABRASIVE: 24 / 36 / 46 / 60 / 80 / 120 / 180 / 220 / 300 / 400
SIC ABRASIVE: 36 / 46 / 60 / 80 / 120 / 180 / 240 / 320 / 500

Guide

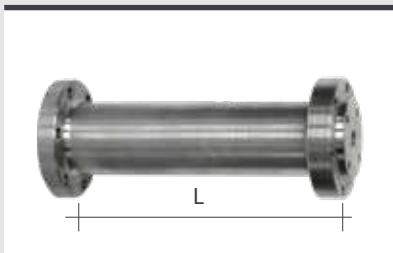
How to choose the correct extension/adaptor for stubbing wheel

	BORE (B): Ø50mm HOLE (H): No 3+3 Ø7/63	+		FLANGE EXTENSION D50 +6 M6/63 to Flange, 1/2 Gas or M36	
	BORE (B): Ø50mm HOLE (H): No 3 Ø7/63	+		FLANGE EXTENSION D50 +6 M6/63 to Flange, 1/2 Gas or M36	
	BORE (B): Ø10mm HOLE (H): No 2+2 Ø7/25	+		SMALL FLANGE 1 D10 +2 M6/25 to Flange, 1/2 Gas or M36	
	BORE (B): Ø14mm HOLE (H): No 3+3 Ø7/25	+		SMALL FLANGE 2 D14 +3 M6/25 to Flange, 1/2 Gas or M36	
	BORE (B): Ø8.5 TSEI HOLE (H): No 2H Ø4/20	+		LITTLE DIAMETER FLANGE M8 +2T Ø4/20 to Flange, 1/2 Gas or M36	
	BORE (B): Ø10mm HOLE (H): No 2 Ø7/25	+		SMALL FLANGE 1 D10 +2 M6/25 to Flange, 1/2 Gas or M36	
	FITT: 1/2 Gas	+		1/2 GAS FEMALE to Flange, 1/2 Gas or M36	

Extensions, Adaptors Tool Holders

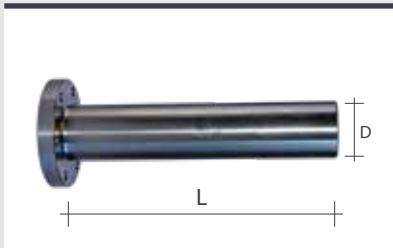
EXTENSIONS



**EXTENSIONS FLANGE**

Flange > Flange male

CODE	SIZE	FITTING MACHINE	FITTING TOOL
AZT0583A	Ø45 L100 mm	B50+6HØ6.5/63	Ø50+6M6/63
AZT0584A	Ø45 L133 mm	B50+6HØ6.5/63	Ø50+6M6/63
AZT0734A ☺	Ø45 L207 mm	B50+6HØ6.5/63	Ø50+6M6/63
AZT2501A	Ø45 L300 mm	B50+6HØ6.5/63	Ø50+6M6/63
AZT3753A	Ø45 L400 mm	B50+6HØ6.5/63	Ø50+6M6/63

**EXTENSIONS FLANGE**

Flange > 1/2 Gas (female)

CODE	SIZE	FITTING MACHINE	FITTING TOOL
AZT0587A	Ø28 L100 mm	B50+6HØ6.5/63	1/2 Gas (female)
AZT0588A	Ø28 L150 mm	B50+6HØ6.5/63	1/2 Gas (female)
AZT0589A ☺	Ø28 L200 mm	B50+6HØ6.5/63	1/2 Gas (female)
AZT0590A	Ø28 L250 mm	B50+6HØ6.5/63	1/2 Gas (female)
AZT4917A	Ø28 L300 mm	B50+6HØ6.5/63	1/2 Gas (female)
AZT1338A	Ø38 L400 mm	B50+6HØ6.5/63	1/2 Gas (female)

**EXTENSIONS FLANGE**

Flange > Flange -1-

CODE	SIZE	FITTING MACHINE	FITTING TOOL
AZT3450A	Ø38 L60 mm	B50+6HØ6.5/63	Ø10 + 2 M6/25
AZT2354A ☺	Ø38 L133 mm	B50+6HØ6.5/63	Ø10 + 2 M6/25
AZT2353A	Ø38 L185 mm	B50+6HØ6.5/63	Ø10 + 2 M6/25
AZT1381A ☺	Ø38 L224 mm	B50+6HØ6.5/63	Ø10 + 2 M6/25
AZT4254A	Ø38 L300 mm	B50+6HØ6.5/63	Ø10 + 2 M6/25
AZT4352A	Ø38 L400 mm	B50+6HØ6.5/63	Ø10 + 2 M6/25
AZT4353A	Ø38 L500 mm	B50+6HØ6.5/63	Ø10 + 2 M6/25

**EXTENSIONS FLANGE**

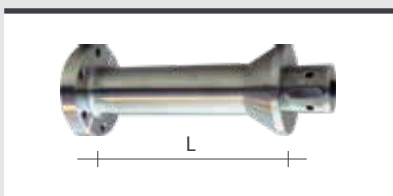
Flange > Flange -2-

CODE	SIZE	FITTING MACHINE	FITTING TOOL
AZT5099A	Ø38 L77 mm	B50+6HØ6.5/63	Ø14 + 3 M6/25
AZT5119A	Ø38 L175 mm	B50+6HØ6.5/63	Ø14 + 3 M6/25
AZT4661A ☺	Ø38 L210 mm	B50+6HØ6.5/63	Ø14 + 3 M6/25
AZT4485A	Ø38 L300 mm	B50+6HØ6.5/63	Ø14 + 3 M6/25

**EXTENSIONS FLANGE**

Flange > Flange -3-

CODE	SIZE	FITTING MACHINE	FITTING TOOL
AZT5071A	Ø30 L150 mm	B50+6HØ6.5/63	M8 + 2T
AZT5071B	Ø30 L200 mm	B50+6HØ6.5/63	M8 + 2T

**EXTENSIONS FLANGE**

Flange > D35

CODE	SIZE	FITTING MACHINE	FITTING TOOL
AZT2509A	Ø45 L100 Lu150 mm	B50+6HØ6.5/63	Ø35 x 39 mm
AZT2509B	Ø45 L150 Lu200 mm	B50+6HØ6.5/63	Ø35 x 39 mm

**EXTENSIONS FLANGE**

Flange > M24 x 2

CODE	SIZE	FITTING MACHINE	FITTING TOOL
AZT5172A	Ø40 L175 mm	B50+6HØ6.5/63	M24 x 2
AZT5172B	Ø40 L127 mm	B50+6HØ6.5/63	M24 x 2



EXTENSIONS 1/2 GAS

1/2 Gas > 1/2 Gas (female)

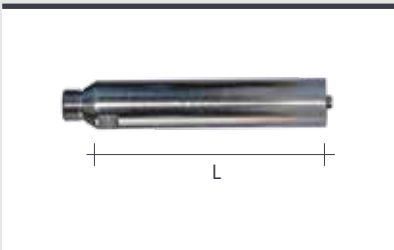
CODE	SIZE	THREAD	FITT MACHINE	FITT TOOL
AZT0821A ☺	Ø28 L50 mm	Right	1/2 Gas	1/2 Gas (female)
AZT0822A ☺	Ø28 L80 mm	Right	1/2 Gas	1/2 Gas (female)
AZT2578A	Ø28 L100 mm	Right	1/2 Gas	1/2 Gas (female)
AZT1738A	Ø28 L150 mm	Right	1/2 Gas	1/2 Gas (female)
AZT3332A ☹	Ø28 L200 mm	Right	1/2 Gas	1/2 Gas (female)



FITTING 1/2 GAS

1/2 Gas > Flange

CODE	SIZE	THREAD	FITT MACHINE	FITT TOOL
AZT0566A ☺	Ø 72 mm	Right	1/2 Gas	Ø50+6M6/63
AZT5122A	Ø 72 mm	Right	1/2 Gas	Ø50+4M6/63
AZT5230A	Ø 72 mm	Right	M30	Ø50+6M6/63
AZT0983A	Ø 120 mm	Right	M30	Ø60+6M8/100



FITTING 1/2 GAS

1/2 Gas > Flange -1-

CODE	SIZE	THREAD	FITT MACHINE	FITT TOOL
AZT0765A ☺	Ø30 L30 mm	Right	1/2 Gas	Ø10 + 2 M6/25
AZT0573A ☺	Ø30 L80 mm	Right	1/2 Gas	Ø10 + 2 M6/25
AZT2513A ☺	Ø30 L100 mm	Right	1/2 Gas	Ø10 + 2 M6/25
AZT1320A	Ø30 L150 mm	Right	1/2 Gas	Ø10 + 2 M6/25
AZT1410A ☹	Ø30 L212 mm	Right	1/2 Gas	Ø10 + 2 M6/25



FITTING 1/2 GAS

1/2 Gas > Flange -2-

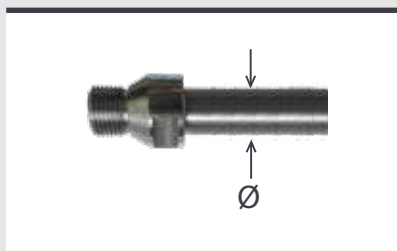
CODE	SIZE	THREAD	FITT MACHINE	FITT TOOL
AZT4383A ☺	Ø30 L30 mm	Right	1/2 Gas	Ø14 + 3 M6/25
AZT4383D ☺	Ø30 L60 mm	Right	1/2 Gas	Ø14 + 3 M6/25
AZT4383H	Ø30 L132 mm	Right	1/2 Gas	Ø14 + 3 M6/25
AZT4383G	Ø30 L160 mm	Right	1/2 Gas	Ø14 + 3 M6/25
AZT4383F ☹	Ø30 L190 mm	Right	1/2 Gas	Ø14 + 3 M6/25



FITTING 1/2 GAS

1/2 Gas > Flange -3-

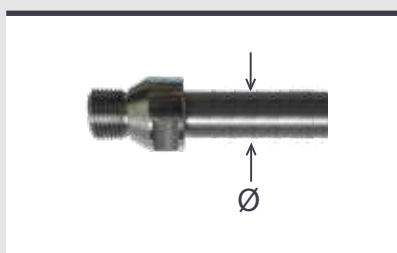
CODE	SIZE	THREAD	FITT MACHINE	FITT TOOL
AZT4448A	L30 mm	Right	1/2 Gas	M8 + 2T
AZT4448B	L150 mm	Right	1/2 Gas	M8 + 2T
AZT4448C	L60 mm	Right	1/2 Gas	M8 + 2T



FITTING 1/2 GAS

1/2 Gas > M10

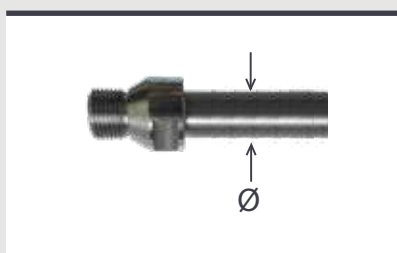
CODE	SIZE	THREAD	FITT MACHINE	FITT TOOL
AZT1518B	Ø17 x 46 Lu60	Right	1/2 Gas	M10
AZT1518G ☺	Ø17 x 30 mm	Right	1/2 Gas	M10
AZT1518F	Ø18 x 60 mm	Left	1/2 Gas	M10



FITTING 1/2 GAS

1/2 Gas > M12

CODE	SIZE	THREAD	FITT MACHINE	FITT TOOL
AZT1518E ☺	Ø17 x 30 mm	Right	1/2 Gas	M12
AZT1518A ☺	Ø17 x 46 Lu60	Right	1/2 Gas	M12
AZT1518F	Ø18 x 100 mm	Right	1/2 Gas	M12
AZT1518T	Ø18 x 120 mm	Right	1/2 Gas	M12
AZT1518W	Ø18 x 150 mm	Right	1/2 Gas	M12
AZT15187 ☺	Ø17 x 30 mm	Left	1/2 Gas	M12
AZT1518L ☺	Ø18 x 60 mm	Left	1/2 Gas	M12
AZT1518Q	Ø18 x 100 mm	Left	1/2 Gas	M12



FITTING 1/2 GAS

1/2 Gas > M14

CODE	SIZE	THREAD	FITT MACHINE	FITT TOOL
AZT5105A	Ø19 x 40 mm	Right	1/2 Gas	M14
AZT1518U	Ø19 x 120 mm	Right	1/2 Gas	M14
AZT3976A	Ø20 x 125 mm	Right	1/2 Gas	M14
AZT1518Z	Ø19 x 100 mm	Left	1/2 Gas	M14



WHEEL HOLDERS 1/2 GAS

1/2 Gas > Thread

CODE	SIZE	THREAD	FITT MACHINE	FITT TOOL
AZT0559A	Ø20 L38 mm	Right	1/2 Gas	M20 x1
AZT0731A	Ø20 L48 mm	Right	1/2 Gas	M20 x1
AZT1424A	Ø20 L52 mm	Right	1/2 Gas	M20 x1
AZT0560A	Ø20 L68 mm	Right	1/2 Gas	M20 x1
AZT1228A	Ø20 L82 mm	Right	1/2 Gas	M20 x1
AZT0977A	Ø22 L40 mm	Right	1/2 Gas	M22 x1
AZT1820A	Ø25 L80 mm	Right	1/2 Gas	M25 x1
AZT0561A	Ø30 L48 mm	Right	1/2 Gas	M30 x1.5
AZT0562A	Ø30 L58 mm	Right	1/2 Gas	M30 x1.5
AZT0563A	Ø30 L68 mm	Right	1/2 Gas	M30 x1.5
AZT0564A	Ø30 L78 mm	Right	1/2 Gas	M30 x1.5
AZT0730A	Ø35 L38 mm	Right	1/2 Gas	M35 x1.5
AZT0565A	Ø35 L48 mm	Right	1/2 Gas	M35 x1.5
AZT0882A	Ø35 L58 mm	Right	1/2 Gas	M35 x1.5
AZT1057A	Ø35 L68 mm	Right	1/2 Gas	M35 x1.5
AZT2348A	Ø35 L78 mm	Right	1/2 Gas	M35 x1.5
AZT2681A	Ø35 L80 mm	Right	1/2 Gas	M35 x1.5



FITTINGS 1/2 GAS

1/2 Gas > Holder for Collet ERG 20

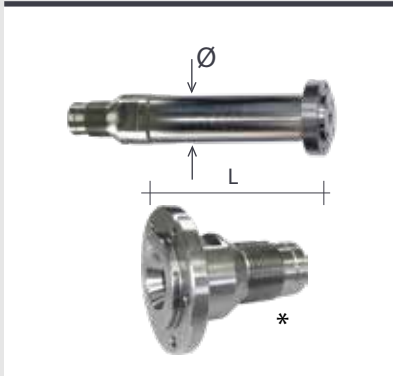
CODE	SIZE	THREAD	FITT MACHINE	FITT TOOL
AZT0571A *	L40 mm	Right	1/2 Gas Right	Erg20 Right
AZT0571F*	L40 mm	Left	1/2 Gas Left	Erg20 Left
AZZ00012 **	Pliers		D6 mm	Erg20
AZZ00013 **	Pliers		D8 mm	Erg20
AZZ00014 **	Pliers		D10 mm	Erg20
AZZ0890A ***	Clamp	Right		
AZZ0890B***	Clamp	Left		



FITTINGS 1/2 GAS

1/2 Gas > Holder for Collet ERG 32

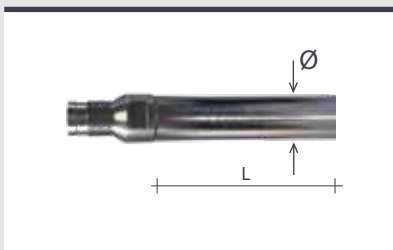
CODE	SIZE	THREAD	FITT MACHINE	FITT TOOL
AZT4194A *	L52 mm	Right	1/2 Gas Right	Erg32 Right
AZT4194E*	L52 mm	Left	1/2 Gas Left	Erg32 Left
AZZ00005 **	Pliers		D6 mm	Erg32
AZZ00006 **	Pliers		D8 mm	Erg32
AZZ00007 **	Pliers		D10 mm	Erg32
AZZ00010 **	Pliers		D20 mm	Erg32
AZZ0889A ***	Clamp	Right		
AZZ0889B***	Clamp	Left		



EXTENSIONS M36 (GMM)

M36 > Flange

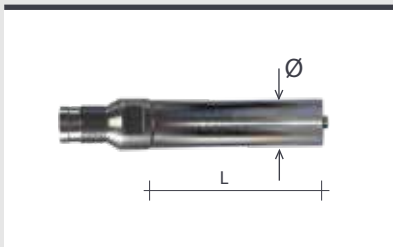
CODE	SIZE	THREAD	FITT MACHINE	FITT TOOL
AZT5392A	Ø45 L200 mm	Right	M36 x2	Ø50+6M6/63
AZT5393A	Ø45 L300 mm	Right	M36 x2	Ø50+6M6/63
AZT5394A	Ø45 L500 mm	Right	M36 x2	Ø50+6M6/63
AZT4127A ☺	Ø45 L150 mm	Left	M36 x2	Ø50+6M6/63
AZT4279A ☺	Ø45 L200 mm	Left	M36 x2	Ø50+6M6/63
AZT5393B	Ø45 L300 mm	Left	M36 x2	Ø50+6M6/63
AZT5394B	Ø45 L500 mm	Left	M36 x2	Ø50+6M6/63
AZT4786B *	Ø50 L20 mm	Right	M36 x2	Ø50+6M6/63
AZT4786A *	Ø50 L20 mm	Left	M36 x2	Ø50+6M6/63



EXTENSIONS M36 (GMM)

M36 > 1/2 Gas (female)

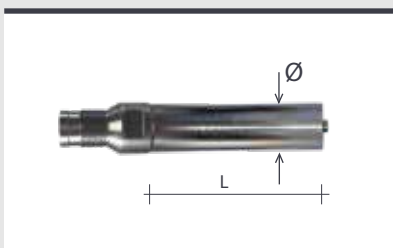
CODE	SIZE	THREAD	FITT MACHINE	FITT TOOL
AZT3378A	Ø27 L25 mm	LEFT	M36 x2	1/2 Gas (female)
AZT3378B	Ø27 L25 mm	Right	M36 x2	1/2 Gas (female)
AZT6087A ☺	Ø27 L100 mm	Right	M36 x2	1/2 Gas (female)
AZT6087E ☺	Ø27 L150 mm	Right	M36 x2	1/2 Gas (female)
AZT6087B	Ø27 L200 mm	Right	M36 x2	1/2 Gas (female)
AZT6087C	Ø27 L100 mm	Left	M36 x2	1/2 Gas (female)
on request	Ø27 L150 mm	Left	M36 x2	1/2 Gas (female)
on request	Ø27 L200 mm	Left	M36 x2	1/2 Gas (female)



EXTENSIONS M36 (GMM)

M36 > Flange -1-

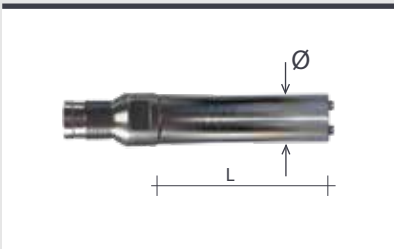
CODE	SIZE	THREAD	FITT MACHINE	FITT TOOL
on request	Ø38 L170 mm	Right	M36 x2	Ø10 + 2 M6/25
AZT3631C	Ø38 L210 mm	Right	M36 x2	Ø10 + 2 M6/25
AZT3324A ☺	Ø38 L170 mm	Left	M36 x2	Ø10 + 2 M6/25
AZT3631A	Ø38 L210 mm	Left	M36 x2	Ø10 + 2 M6/25



EXTENSIONS M36 (GMM)

M36 > Flange -2-

CODE	SIZE	THREAD	FITT MACHINE	FITT TOOL
AZT5361B ☺	Ø38 L100 mm	Right	M36 x2	Ø14 + 3 M6/25
AZT5362B ☺	Ø38 L200 mm	Right	M36 x2	Ø14 + 3 M6/25
AZT5363B	Ø38 L300 mm	Right	M36 x2	Ø14 + 3 M6/25
AZT5361A ☺	Ø38 L100 mm	Left	M36 x2	Ø14 + 3 M6/25
AZT4821A	Ø38 L180 mm	Left	M36 x2	Ø14 + 3 M6/25
AZT5362A ☺	Ø38 L200 mm	Left	M36 x2	Ø14 + 3 M6/25
AZT5363A	Ø38 L300 mm	Left	M36 x2	Ø14 + 3 M6/25



FITTING M36 (GMM)

M36 > Flange -3-

CODE	SIZE	THREAD	FITT MACHINE	FITT TOOL
AZT5401B	Ø30 L100 mm	Right	M36 x2	M8 + 2T
AZT5402B	Ø30 L250 mm	Right	M36 x2	M8 + 2T
AZT5401A	Ø30 L100 mm	Left	M36 x2	M8 + 2T
AZT5402A	Ø30 L250 mm	Left	M36 x2	M8 + 2T



FITTING M36 (GMM)

M36 > Holder for Collet ERG 32

CODE	SIZE	THREAD	FITT MACHINE	FITT TOOL
AZT5364B *	L120 mm	Right	M36 x2	Erg32
AZT5364A *	L120 mm	Left	M36 x2	Erg32
AZZ00005 **	Pliers	Ø6 mm	Erg32	
AZZ00006 **	Pliers	Ø8 mm	Erg32	
AZZ00007 **	Pliers	Ø10 mm	Erg32	
AZZ0889A ***	Clamp			



CNC ADAPTER FOR SAWS

1/2GAS, Flange, Wheel Holder

CODE	SIZE	THREAD	FITT MACHINE	FITT TOOL
AZT6842H *	DONATONI	LEFT	M48 x3	1/2GAS female
AZT6842I **	DONATONI	LEFT	M48 x3	Wheels Holder Ø35
AZT6842A ***	DONATONI	LEFT	M48 x3	Flange Ø50+6B
AZT4176B ***	CMS (see note)	LEFT	M48 x3 L97	Flange Ø50+6B
AZT4176C **	CMS	LEFT	M48 x3 L137	Wheels Holder Ø35
AZT6273B	CMS (Gixa)	LEFT	M56 X4 L97	Flange Ø50+6B
AZT6273C	CMS (Gixa)	LEFT	M56 X4 L97	Flange+ 1/2gas female
AZT7071A	CMS (Frontex)	LEFT	M48 x3 L87	Flange Ø50+6B+6B
AZT6842D	EMMEDUE	LEFT	M39 x4 L85	Flange Ø50+6B
AZT6842G	EMMEDUE astra	LEFT	M36 x4	Flange Ø50+6B



note: for CMS Sprint, Venkom, Kosmos, Formax, Impact





FITTINGS 1/2 GAS

(HOLDERS FOR NOCORING BIT) - also for T31

CODE	FITTING	MOQ
AZT0572B	1/2 Gas > Bore 10 *	
AZT0572A	1/2 Gas > Bore 12 *	
AZT0614A	ADAPTER D12 ** > Bore 8	4
AZT0614B	ADAPTER D12 ** > Bore 6	4
AZT0614C	ADAPTER D12 ** > Bore 5	4
AZT0591A	M14 FEM > Bore 10	
AZT0591B	M14 FEM > Bore 12	



FITTINGS

1/2 Gas > M16 male

CODE	FITTING
AZT0572B	1/2 Gas > Bore 10 *



FITTINGS FOR DRAINBOARD / POLISHING WHEELS

Thread > Magnetic

CODE	FITTING
AZT0743B	M14 > Magnetic
AZT0743A	M16 > Magnetic
AZT2610C	1/2 Gas > Magnetic
AZT2610C	Magnetic > M12



FITTINGS FOR STUBBING WHEELS

Ø50 mm + 3 holes - 35 mm bore

CODE	FITTING
AZT1218A	Ø50+3H (BRONZE)
AZT1218B	Ø50+6H + bore Ø12.5 (INOX)



REDUCTION BRONZE (FOR PROFILING WHEELS)

From 35 to 30 mm

CODE	FITTING
AZT2619A	35 x 30 x 41 mm
AZT2620A	35 x 30 x 48 mm
AZT2783A	35 x 30 x 58 mm



REDUCTION BRONZE (FOR PROFILING WHEELS)

NOTE: Order 2 Pieces Per Wheels

CODE	FITTING	MOQ
AZT0816A	35 x 20 mm	4
AZT0817A	35 x 22 mm	4
AZT0879B	35 x 25 mm	4
AZT0818A	35 x 30 mm	4



REDUCTION BRONZE (FOR PROFILING WHEELS)

NOTE: Order 2 Pieces Per Wheels

CODE	FITTING	MOQ
AZT0819A	30 x 20 mm	4
AZT0820A	30 x 22 mm	4

Left Thread tools



Left Thread Mills for Marble, Granite & Engineered Stone



CROWN MILL Ø30

F=1/2Gas

CODE	SIZE	FITTING	RPM	FEED
DFS3705Y	Ø30 x 15 mm	1/2 Gas LT	4200-4800	800-2000mm/min



CROWN MILL SMALLER DIAMETER

F=1/2Gas, M12

CODE	SIZE	LU	FITTING	BEST FOR	RPM	FEED	MOQ
CFS4C066	Ø20 x 20 mm		M10 LT	Granite	4200-4800	800-2000mm/min	
CFS4C067	Ø20 x 20 mm		M12 LT	Granite			
CFS4C068	Ø20 x 20 mm		M12 LT	Ceramics			
CFS4C069	Ø20 x 20 mm		M12 LT	Quartzite			
AFS40084	Ø15 x 20 mm	30	1/2 Gas LT	Granite			3
CFS40131	Ø10 x 10 mm	10	1/2 Gas LT	Granite			3
CFS40040	Ø12 x 30 mm	10	1/2 Gas LT	Granite			3
CFS40133CER	Ø15 x 10 mm	25	1/2 Gas LT	Ceramics			3
CFS40132CER	Ø12 x 10 mm	10	1/2 Gas LT	Ceramics			3
CFS40131CER	Ø10 x 10 mm	10	1/2 Gas LT	Ceramics			3



CROWN MILL Ø20 ELECTROPLATED

F=M12

CODE	SIZE	FITTING	RPM	FEED	MOQ
EFE00222	Ø20 x 20 mm	M12 LT	4200-4800	800-2000mm/min	3
AFE41026	Ø20 x 10 mm	M12 LT			3



CUTTING FINGERBIT WITH SEGMENT ON TOP

F=1/2Gas

CODE	SIZE	FITTING	RPM	FEED
AFS91090	Ø23 x 40 mm	1/2 Gas LT	4800-5500	250-500mm/min
AFS91091	Ø23 x 50 mm	1/2 Gas LT		



CUTTING FINGERBIT ELECTROPLATED

F=1/2Gas

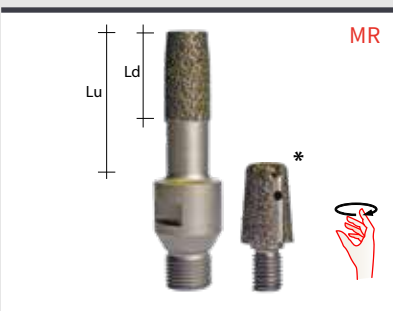
CODE	SIZE	FITTING	RPM	FEED	MOQ
AFEB0010	Ø16 x 40 mm	1/2 Gas	4800-5500	250-500mm/min	3
AFE80066	Ø16 x 50 mm	1/2 Gas			3
AFEB0030	Ø20 x 70 mm	1/2 Gas			3



CONIC FINGERBIT ELECTROPLATED

F=1/2Gas

CODE	SIZE	FITTING	RPM	FEED
AFE30011	Ø14/20 L40/40	1/2 Gas	6000-7000	150-300mm/min
EFE00046	Ø14/20 L40/100	1/2 Gas		



BASE CONIC FINGERBIT

F=1/2Gas - THREADED FOR THE ADDITION OF REPLACEABLE TIPS)

CODE	SIZE	FITTING	RPM	FEED	MOQ
AFE40031	Ø18/20 Ld15 Lu30	1/2 Gas > M10	6000-7000	150-300mm/min	-
AFE42011 *	Ø14/18 L25	M10			3

LEFT THREAD

Left Thread Core Bits

for Marble, Granite & Engineered Stone



CORE DRILLS - THIN WALL

F=1/2Gas

CODE	SIZE	FITTING	THREAD
APF20008	Ø8 (5/16") L10 Lu85/135	1/2 Gas LT	Left
APF20010	Ø10 (13/32") L10 Lu85/135	1/2 Gas LT	Left
APF20012	Ø12 (15/32") L10 Lu85/135	1/2 Gas LT	Left
APF21025	Ø25 (1") L10 Lu45/95	1/2 Gas LT	Left
APF20025	Ø25 (1") L10 Lu85/135	1/2 Gas LT	Left
APF20028	Ø28 (1-7/64") L10 Lu85/135	1/2 Gas LT	Left
APF24030	Ø30 (1-3/16") L10 Lu31/66	1/2 Gas LT	Left
APF21030	Ø30 (1-3/16") L10 Lu45/95	1/2 Gas LT	Left
APF24035	Ø35 (1-3/8") L10 Lu31/66	1/2 Gas LT	Left
APF21035	Ø35 (1-3/8") L10 Lu31/66	1/2 Gas LT	Left
APF20035	Ø35 (1-3/8") L10 Lu85/135	1/2 Gas LT	Left
APF20045	Ø45 (1-49/64") L10 Lu85/135	1/2 Gas LT	Left

Left Thread Core Bits

for Marble, Granite & Engineered Stone



CORE DRILLS - THIN WALL

F=1/2Gas (suitable for machine CMS SPRINT)

CODE	SIZE	FITTING	THREAD
APF2X010	Ø10 (13/32") L10 Lu29/79	1/2 Gas LT	Left
APF2X012	Ø12 (15/32") L10 Lu29/79	1/2 Gas LT	Left
APF2X015	Ø15 (19/32") L10 Lu29/79	1/2 Gas LT	Left
APF2X018	Ø18 (45/64") L10 Lu29/79	1/2 Gas LT	Left
APF2X020	Ø20 (25/32") L10 Lu29/79	1/2 Gas LT	Left
APF2X025	Ø25 (1") L10 Lu29/79	1/2 Gas LT	Left
APF2X028	Ø28 (1-7/64") L10 Lu29/79	1/2 Gas LT	Left
APF2X030	Ø30 (1-3/16") L10 Lu29/79	1/2 Gas LT	Left
APF2X035	Ø35 (1-3/8") L10 Lu29/79	1/2 Gas LT	Left
APF2X040	Ø40 (1-37/64") L10 Lu29/79	1/2 Gas LT	Left
APF2X045	Ø45 (1-49/64") L10 Lu29/79	1/2 Gas LT	Left
APF2X050	Ø50 (2") L10 Lu29/79	1/2 Gas LT	Left
APF2X068	Ø68 (2-43/64") L10 Lu29/79	1/2 Gas LT	Left
APF2X075	Ø75 (2-61/64") L10 Lu29/79	1/2 Gas LT	Left
APF2X080	Ø80 (3-5/32") L10 Lu29/79	1/2 Gas LT	Left



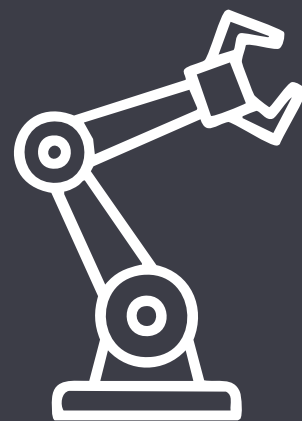
CORE DRILLS - SEGMENTED

F=1/2Gas

CODE	SIZE	FITTING	THREAD
APSAD020	Ø20 (25/32") L150	1/2 Gas LT	Left
APSAB025	Ø25 (1") L70	1/2 Gas LT	Left
APSAF030	Ø30 (1-3/16") L200	1/2 Gas LT	Left
DPS4444S	Ø35 (1-3/8") L41	1/2 Gas LT	Left
EPS00009	Ø35 (1-3/8") L100	1/2 Gas LT	Left
APSAP035	Ø35 (1-3/8") L120	1/2 Gas LT	Left
APSAD035	Ø35 (1-3/8") L150	1/2 Gas LT	Left
APSAQ035	Ø35 (1-3/8") L350	1/2 Gas LT	Left
APSAP050	Ø50 (2") L120	1/2 Gas LT	Left
APSAD050	Ø50 (2") L150	1/2 Gas LT	Left
APSA3055	Ø55 (2-5/32") L135	1/2 Gas LT	Left
APSAD060	Ø60 (2-23/64") L150	1/2 Gas LT	Left
APSAD080	Ø80 (3-3/64") L150	1/2 Gas LT	Left
APS8B100	Ø100 (4") L70	1/2 Gas LT	Left
APSDO105	Ø105 (4-1/6") L400	1/2 Gas LT	Left
APS8B140	Ø140 (5-33/64") L70	1/2 Gas LT	Left
on request	Ø105 (4-1/6") L70	1/2 Gas LT	Left
on request	Ø140 (5-33/64") L70	1/2 Gas LT	Left

LEFT THREAD

tools for 5 AXIS & Robots



Cutting & Drilling for Marble



BLADE - HORIZONTAL ELECTROPLATED

Both Side are Reinforced - F50+6 Holes

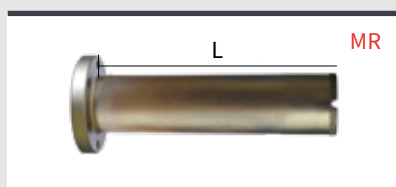
CODE	SIZE	REINFORCES	RPM
DME3395C	Ø290 x 4 mm	9+9 L60	2200-2500



EXTENSION

for Horizontal Blades

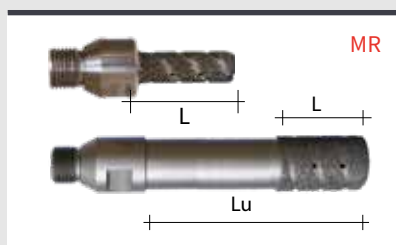
CODE	SIZE	FITTING
AZT2501A ☺	Ø45 L300 mm	from FLANGE (B50+6H) to FLANGE (D50+6 M6)
AZT0734A	Ø45 L207 mm	from FLANGE (B50+6H) to FLANGE (D50+6 M6)



CORE BITS

Electroplated

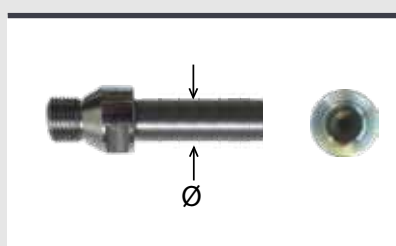
CODE	SIZE	RPM	FEED	DISTANCE
APE4i050 ☺	Ø50 L250 mm	2000-2500	60-120 mm/min	to drill initial hole
APE4i090	Ø90 L250 mm		2.4-4.8 inches/min	



CUTTING FINGERBITS

Electroplated - 1/2 Gas fitting

CODE	SIZE	RPM	FEED
AFE80010 ☺	Ø16 x 40 mm	4800-5500	250-500mm/min
AFE80034	Ø20 x 80 mm		
AFE81015 ☺	Ø23 x Lu 155 mm		



FITTING 1/2 GAS > M12

CODE	SIZE	THREAD	FITT MACHINE	FITT TOOL
AZT1518A ☺	Ø17 x 46 Lu60	Right	1/2 Gas	M12
AZT1518L ☺	Ø18 x 60 mm	Left	1/2 Gas	M12



FITTING 1/2 GAS > M12

CODE	SIZE	FITTING	RPM	FEED
EFE00165 **	Ø20 x 22 mm	M12	4500-5200	250-500 mm/min
EFE00184 * ☺	Ø20 x 20 mm	M12		10-20 inches/min

Tools for Recess for Marble



STUBBING WHEELS

Electroplated				
CODE	SIZE	RPM	FEED	DISTANCE
AME00030	Ø85 x 20 mm	5000-5300	500-600 mm/min 20-24 inches/min	3-6 mm 0.12-0.24 "



EXTENSION

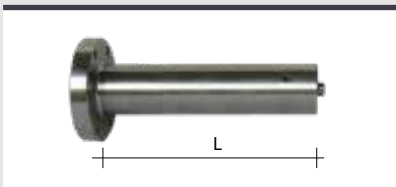
for Stubbing Wheel Ø85

CODE	SIZE	FITTING
AZT2501A	Ø45 L300 mm	from FLANGE (B50+6H) to FLANGE (D50+6 M6)
AZT0734A	Ø45 L207 mm	from FLANGE (B50+6H) to FLANGE (D50+6 M6)



STUBBING WHEELS

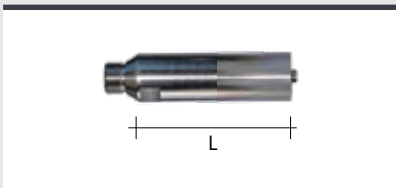
Electroplated				
CODE	SIZE	FITTING	RPM	FEED
AME00020 *	Ø50 x 20 mm	B10 - 2+2	4500-5000	250-500 mm/min
DSE1612E **	Ø50 x 20 mm	Ø10+2 holes	5500-6500	400-500 mm/min



EXTENSION FLANGE

for small diameter Stubbing Wheels

CODE	SIZE	FITT MACHINE	FITT TOOL
AZT1381A	Ø38 L224 mm	B50+6HØ6.5/63	Ø10+ 2 M6/25



FITTING

1/2 GAS > Flange -1-

CODE	SIZE	FITT MACHINE	FITT TOOL
AZT0765A ☺	Ø30 L30 mm	1/2 Gas	Ø10+ 2 M6/25
AZT2513A	Ø30 L100 mm	1/2 Gas	Ø10+ 2 M6/25



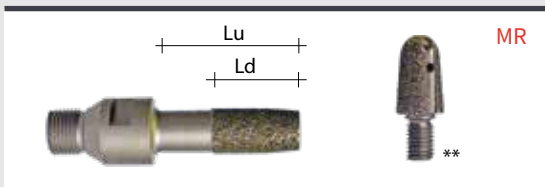


BALL HEAD MILLS

Electroplated

CODE	SIZE	GRIT	RPM	FEED	DISTANCE
AFE70013	Ø50 R20 L50 LT225	C	5500-6500	800-1000mm/min	1-5 mm
AFE70014	Ø50 R20 L50 LT225	M		32-40 inches/min	0.04-0.20 "

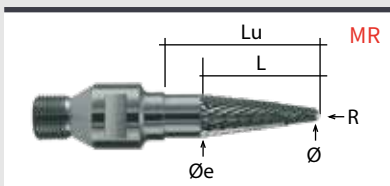
Tools for Sculpting & Carving for Marble



MAIN FINGERBITS

Conic with replaceable Tips

CODE	SIZE	RPM	FEED
AFE40060	Ø18/20 Ld60 Lu60 mm	6000-7000	400-800mm/min
AFE42002**	Ø14/18 Ld25 mm R6 -4.57° D602		



CONIC MILL - HARD METAL TG6* 1/2 Gas - For FINISHING

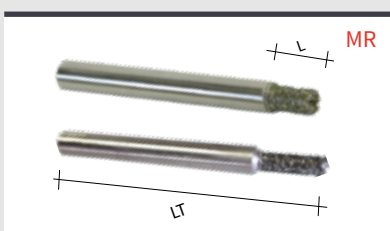
CODE	Ø	Øe	R	L	Lu
AFW40350 ☺	5	12	2.5	48	50
AFW40370 ☺	5	16	2.5	80	103



CONIC MILLS - WIDIA - 10 MM SHANK

For CARVING MARBLE (minimum order: 5 pcs)

CODE	SIZE	RPM	FEED
AFW60010 ☺	Ø10 x 5 mm - α90°		



ENGRAVING MILLS - FLAT HEAD (NO INTERNAL COOLING)

Electroplated - 6 mm Shank - (minimum order: 5 pcs)

CODE	SIZE	RPM	FEED
AFE00016	Ø4 L12 LT60 mm		
AFE00021	Ø5 L12 LT60 mm		
AFE00030	Ø6 L12 LT90 mm		
AFE00065	Ø10 L12 LT90 mm		

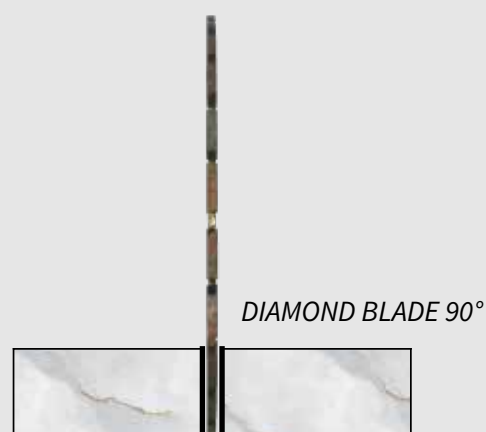
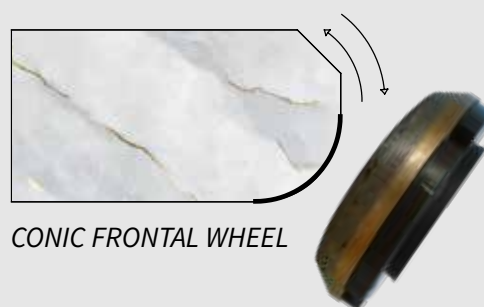
... also available many others tools for 5 axis, adapttors, pliers ...



tools for Edge Working

EDGE WORKING

Edge Polishing Process



Montresor

Edge Working Tools

1



Pre Cut Wheel (Turbo)

2



Double Side Turbo Pre Cut Wheel

3



Pre Cut Wheel Segmented

4



Double Side Seg Pre Cut Wheel

5



Generating Conic Frontal Wheel

6



Flat Wheel

7



Calibrating Wheel

8



Diamond Blade

MONTRESOR

Edge Working Tools

	DESCRIPTION	CODE	SIZE	FITTING	MODEL
1	PRE CUT WHEELS	ACSZ1551	Ø155x25 60°	M30	LARA 40s / LARA 60s / LARA 80s / LUNA
		ACSZ1602	Ø130x18 60°	M30	LARA 40s / LARA 60s
2	DOUBLE SIDE TURBO PRE CUT WHEELS	ACSZ1802	Ø130x34 60°x2	M30	LARA 80 / LARA 60 / LUNA 740
3	PRE CUT WHEELS SEGMENTED	ACSY1606	Ø150x20 60°	M30	LARA 40s / LARA 60s / LARA 80s / LUNA
		ACSY1603	Ø130x18 60°	M30	LARA 40s / LARA 60s
4	DOUBLE SIDE SEG PRE CUT WHEEL	ACSY1605	Ø150x20+15 60°	M30	LARA 40s / LARA 60s / LARA 80s / LUNA
5	GENERATING CONIC FRONTAL WHEELS	ACF3304S	Ø130x47,5 60°	M30	LARA 40s / LARA 60s
		ACF4304S	Ø155x60 60°	M30	LUNA 740
		ACFH304S	Ø155x60x5	M30	All machines new machine
		ACFH30SU	Ø155x60	M30	All machines new machine
6	FLAT WHEELS	EMS00094	Ø250x6	B50+4HØ9/90	All machines
		EMS00089	Ø250x8	B50+4HØ9/90	All machines
		EMS00091	Ø250x10	B50+4HØ9/90	All machines
7	CALIBRATING WHEELS	DSS3830S	Ø200	B50+4HØ9/90+4HØ9/125	Optional for all machines
		ECS00002	Ø200	B50+4HØ9/90	All machines
		DSS3384S	Ø250	B50+4HØ9/90	Optional for LARA / LUNA 740
8	DIAMOND BLADES	D250NEY151044M	Ø250x4,4	B50+4HØ9/125	LARA 80 / LARA 80s / UNICA 810-4a
		D300LMV181044M	Ø300x4,4	B50+4HØ9/125	LARA 80 / LARA 80s / UNICA 810-4a

All original manufacturer names and brands are used for identification purposes only.

* trademark property of MONTRESOR s.r.l.

Nicolai Diamant s.r.l. is not affiliated with MONTRESOR s.r.l.

Sassomeccanica

Edge Working Tools



SASSOMECCANICA

Edge Working Tools

	DESCRIPTION	CODE	SIZE	FITTING	MODEL
1	PRE CUT WHEELS	ACSZ1600	Ø130x18 60°	B95+6M6/115 (**)	TE / TE Experience / FULL / RCM
		ACSZ1601	Ø130x18 60°	SNAIL	TE / RCM
2	PRE CUT WHEELS SEGMENTED	DSS3362S	Ø106x20 70°	B65+6M6/80	
3	GENERATING CONIC FRONTAL WHEELS	ACF3004S	Ø130x47	B95+6M6/115 (**)	TE / TE Experience / FULL / RCM
		ACF3SN4S	Ø130x47	SNAIL	TE / TE Experience / FULL / RCM
4	FLAT-CALIBRATING WHEELS	DSS2593S	Ø160x6+Ø130x10	B50+6HØ9/80	TE / TE Experience / FULL / RCM
		DSS1189S	Ø160x8+Ø130x10	B50+6HØ9/80	TE / TE Experience / FULL / RCM
5	CHAMFERING WHEEL	DSG32653	Ø125x25	B95+6M6/115 (**)	
6	FLAT WHEELS	DSS3389S	Ø160x5	B50+6HØ9/80	TE / TE Experience / FULL
		EMS00057	Ø160x8	B50+6HØ9/80	TE / TE Experience / FULL
		DSS1188S	Ø200x8	B30	TE
7	CALIBRATING WHEELS	DSS0294S	Ø130	B95+6M6/115 (**)	TE / TE Experience / FULL
		DSS4143S	Ø130	B50+6HØ9/80	TE / TE Experience / FULL
		DSS3183S	Ø180	B58+6HØ9/72	CDF
8	DIAMOND BLADES	D200NG6130640M	Ø200x4	B40	CDF / FULL
		D230NEY151030M	Ø230x3	B40	CDF / FULL
8	ELECTROPLATED DIAMOND BLADES	EDE00016	Ø160x7	B58+6HØ9/72	CDF
	SNAIL LOCK FITTING	AZT1196A	Ø100	SNAIL > Ø95+6HØ7/115	

(**): requires snail fitting AZT1196A

All original manufacturer names and brands are used for identification purposes only.
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Comandulli

Edge Working Tools

1



Pre Cut Wheels (G1 - G2)

2



Pre Cut Wheel Segmented (G1 - G2)

3



Generating Frontal Wheel (Speedy)

4



Generating Conic Frontal Wheel (G3)

5



Segmented Diamond Wheel

6



Flat Wheel

7



Calibrating Wheel

8



Diamond Blade

COMANDULLI

Edge Working Tools

	DESCRIPTION	CODE	SIZE	FITTING	MODEL
1	PRE CUT WHEELS	ACSZ1550	Ø155x25 60°	B50+4HØ12,5/85	PNC / SYNTHESIS / OMEGA
2	PRE CUT WHEELS SEGMENTED	ACSY1602	Ø155x20 60°	B50+4HØ12,5/85	PNC / SYNTHESIS / OMEGA
3	GENERATING FRONTAL WHEELS (Speedy System)	ACF6004S	Ø120x27,5+10	M24	NEW SYSTEM / SPEEDY SYSTEM
		ACFFF14S	Ø120x27,5+5	B40+4HØ7/50	NEW SYSTEM / ATHENA / SPEEDY S.
		ACF6F14S	Ø120x27,5+10 TZ1	B40+4HØ7/50	NEW SYSTEM / ATHENA / SPEEDY S.
		ACF6F14U	Ø120x27,5+10 TZ2	B40+4HØ7/50	NEW SYSTEM / ATHENA / SPEEDY S.
		ACF1184S	Ø120x35	M18	SYSTEM
4	GENERATING CONIC FRONTAL WHEEL	ACF3304S	Ø130x47,5	M30	PNC / OMEGA
5	SEGMENTED DIAMOND WHEEL	DSS2970S	Ø150x20 R10	B40+4HØ7/50	NEW SYSTEM
6	FLAT WHEELS	EMS00066	Ø260x8	B50+4HØ12,5/95	EDILUX / PNC
		EMS00116	Ø260x10		
		EMS00067	Ø300x8	B50+4HØ9/135	EDILUX / PNC
7	CALIBRATING WHEELS	DSS3772S	Ø190	B50+4HØ12,5/95	MUSA / ALMA / PENTA
		DSS1654S	Ø260	B50+4HØ12,5/95	EDILUX / PNC / OMEGA
8	DIAMOND BLADES	D250SEY171032C	Ø250x3,2		EDILUX / PNC / OMEGA / ALMA

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GMM

Edge Working Tools

1



Pre Cut Wheel

2



Pre Cut Wheel Segmented

3



Generating Conic Frontal Wheel

4



Chamfering Wheel

5



Flat-Calibrating Wheel

6



Flat Wheel

7



Calibrating Wheel

8



Diamond Blade

GMM

Edge Working Tools

	DESCRIPTION	CODE	SIZE	FITTING	MODEL
1	PRE CUT WHEELS	ACSZ1601	Ø130x18 60°	SNAIL	
		ACSZ1600	Ø130x18 60°	B95+6M6/115 (**)	
2	PRE CUT WHEELS SEGMENTED		Ø130x18 60°	SNAIL	
			Ø130x18 60°	B95+6M6	
3	GENERATING CONIC FRONTAL WHEELS	ACF3SN4S	Ø130x47.5	SNAIL	
		ACF3004S	Ø130x47.5	B95+6M6/115 (**)	
4	FLAT-CALIBRATING WHEEL	DSS1189S	Ø160x8+Ø130x10	B50+6Ø9/80	
5	CHAMFERING WHEELS	DSG3265C	Ø125x25	SNAIL	
		DSG32653	Ø125x25	B95+6M6/115 (**)	
6	FLAT WHEELS	AMS10026	Ø200x8	B50+6HØ9/80+4HØ11/120	
		AMS10521	Ø300x8	B50+6HØ9/80+4HØ11/120	
7	CALIBRATING WHEEL	DSS0294S	Ø130	B95+6M6/115 (**)	
8	DIAMOND BLADES	D300LMV3610400	Ø300x4 SIL	B50	
		HF05004D111200		B50+4HØ11/120	

(**): requires snail fitting AZT1196A

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Marmomeccanica

Edge Working Tools

1



Pre Cut Wheels (G1 - G2)

2



Double Side Segmented Pre Cut Wheel

3



Generating Conic Frontal Wheel (G3)

4



Tiger Frontal Wheel

5



Flat Wheel

6



Calibrating Wheel

MARMOMECCANICA

Edge Working Tools

	DESCRIPTION	CODE	SIZE	FITTING	MODEL
1	PRE CUT WHEELS	ACSZ1603	Ø130x18 60°	M24	LCT - LTH - LTZ - LTN - LTV
2	DOUBLE SIDE PRE CUT WHEELS SEGMENTED	ACSZ1803	Ø130x34 60°x2	M24	LCT - LTH
3	GENERATING CONIC FRONTAL WHEELS	ACF4244S	Ø155x60 60°	M24	LTH - LTZ
4	BULLNOSE SHAPING	ACF3244S	Ø130x47 60°	M24	LCT - LTN - LTV
5	FLAT WHEELS	AMS10220	Ø250x8	B50	LCV - LCH - LCT - LTV - LTN - LTH - LTZ
		AMS10230	Ø250x10	B50	
6	CALIBRATING WHEEL	DSS4585S	Ø250	B50	

OMG / Bellani / Breton

Edge Working Tools

1



Pre Cut Wheel

2



Generating Conic Frontal Wheel

3



Calibrating Wheel

OMG / BELLANI / BRETON

Edge Working Tools

	DESCRIPTION	CODE	SIZE	FITTING	MODEL
1	D150 PRE CUT WHEELS SEGMENTED	ACSY1607	D150x23-60°	D145+3M6	COMET - NUOVA MODULO / SUPER MODULO
1	D130 PRE CUT WHEELS SEGMENTED	ACSY1706	D130x14-45°	D125+3M6	
2	CONIC FRONTAL WHEEL BULLNOSE SHAPING	ACF4BE4S	D148x60x3.5	D145+3M6	
3	CALIBRATING WHEEL	DSS4135S	D138	F30	

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Cavani Meccanica

Edge Working Tools



CAVANI MECCANICA

Edge Working Tools

	DESCRIPTION	CODE	SIZE	FITTING	MODEL
1	PRE CUT WHEELS SEGMENTED	ACSY1708	D130x14-45°	M20	
2	CONIC FRONTAL WHEEL BULLNOSE SHAPING	ACF32A4S	D130x47-60°	M24	
3	CALIBRATING WHEEL	DSS3703S	D150	M24SX	
4	DIAMOND BLADE	D250NEY171030M	D250		
		HF05006D070750		B50+6HØ7/75 TSEI	

CMPI

Edge Working Tools



CMPI

Edge Working Tools

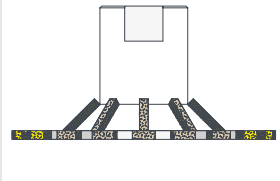
	DESCRIPTION	CODE	SIZE	FITTING	MODEL
1	PRE CUT WHEELS SEGMENTED	DSS2218S	D250	F50+4+4	LA80 - MINI60
		ACSY2300	D150	F50+4	MINI60
2	CONIC FRONTAL WHEEL BULLNOSE SHAPING	ACF4CM4S	D150	SNAIL	
3	CALIBRATING WHEEL	ACS20026	D250	*****	LA80 - LP100 - MINI60
4	DIAMOND BLADE	D250NEY171030M	D250		LA80 - LP100 - MINI60
		HF05004D111300		B50+4+4	

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CMG

Edge Working Tools

1



Segmented Pre Cut Wheels (G1 - G2)

2



Conic Frontal Wheel for Bullnose

3



Grooving Wheel

4



Calibrating Wheel

5



Diamond Blade

CMG

Edge Working Tools

	DESCRIPTION	CODE	SIZE	FITTING	MODEL
1	PRE CUT WHEELS SEGMENTED	DSS4765S	D150	M30	
2	CONIC FRONTAL WHEELS BULLNOSE SHAPING	*****	D150	M30	
		ACF3CM4S	D130	M30	
3	GROOVING WHEEL	*****	D200	B50	
4	CALIBRATING WHEEL	ACS20055	D200	B50+6	
5	DIAMOND BLADE	D250NEY171030M	D250	B50+6	

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* trademark property of CMG

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BRETON

Edge Working Tools



Pre Cut Wheels (Turbo)



Conic Frontal Wheel



Flat Wheel



Calibrating Wheels



Diamond Blade

BRETON

Edge Working Tools

	DESCRIPTION	CODE	SIZE	FITTING	MODEL
1	PRE CUT WHEELS	ACSZ1604	Ø130x18 60°	B120	CTB PLATINUM
	PRE CUT WHEEL SEGMENTED	DSS4217S	Ø170x18 60°	B50+4HØ8/120	CTB PLATINUM
2	GENERATING CONIC FRONTAL WHEELS	ACF3BR4S	Ø130x47.5	M30x1.5	CTB PLATINUM
		DSS3759S	Ø170x35	B50+4HØ8/120	EASY EDGE
3	FLAT WHEEL	D250NEY171026F	Ø250x2.6	B30	CTB PLATINUM
		on request	Ø250x4.4	B30	CTB PLATINUM
		on request	Ø250x6	B30	CTB PLATINUM
4	CALIBRATING WHEEL	DSS4605S	Ø250 Z20 20x10x7	B50+4HØ9/85	CTB PLATINUM
		DSS3854S	Ø170	B50+4HØ8/120	EASY EDGE
5	DIAMOND BLADE	D250SEY171032S	Ø250x3.2	B50+4HØ9/85	CTB PLATINUM
		D250LMV301044A	Ø250x4.4	B50+4HØ9/120	EASY EDGE
	PROFILING WHEEL	AMS14016	Ø250X10	B50+4HØ9/120	EASY EDGE

All original manufacturer names and brands are used for identification purposes only.
* trademark property of BRETON
Nicolai Diamant s.r.l. is not affiliated with BRETON

Frontal Wheels

Edge Working Tools



FRONTAL WHEELS

Continuous Rim for Single Head Edge Polishing Machines

CODE	SIZE	FITTING	MACHINE
ACF2004S	Ø100 x 35 mm	NONE	
ACF2144S	Ø100 x 35 mm	M14	
ACF2184S	Ø100 x 35 mm	M18	Denver / Prussiani
ACF2204S	Ø100 x 35 mm	M20	Cavani
ACF2SN4S	Ø100 x 35 mm	SNAIL	
ACF1004S	Ø125 x 37,5 mm	NONE	
ACF1184S	Ø125 x 37,5 mm	M18	Comandulli / Denver
ACF1224S	Ø125 x 37,5 mm	M22	
ACF1244S	Ø125 x 37,5 mm	M28	
ACF1SN4S	Ø125 x 37,5 mm	SNAIL	
ACF7304S	Ø130 x 45 mm	B30	
ACF7F24S	Ø130 x 45 mm	B95+6M6/115	
ACF5004S	Ø150 x 50 mm	B50+3M6/110	
ACF5244S	Ø150 x 50 mm	M24 x3	
ACF5304S	Ø150 x 50 mm	M30	
ACF5SN4S	Ø150 x 50 mm	SNAIL	



FRONTAL WHEELS

Continuous Rim w/ Reinforced side for Comandulli Speedy System

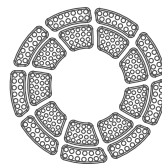
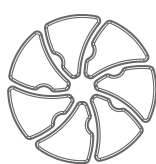
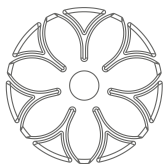
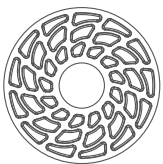
CODE	SIZE	S	FITTING	MACHINE
ACF6004S	Ø120 x 27.5	10 mm	M24	
ACF6F14S	Ø120 x 27.5 TZ1	10 mm	B40+4HØ6.5/50	Comandulli Speedy System
ACF6F14U	Ø120 x 27.5 TZ2	10 mm	B40+4HØ6.5/50	
ACFFF14S	Ø120 x 27.5	5 mm	B40+4HØ6.5/50	

ProGlo

by NICOLAI



Resin Diamond Edge Polishers for Granite, Engineered Stone & Marble



(See **Edge Working** section)

ProGlo

by NICOLAI

Resin Diamond Edge Polishers for Granite, Engineered Stone & Marble

CAYMAN	EAGLE	PINWHEEL	BULL	WAFFLE	CHAMFER
					
FLAT	BULLNOSE	FLAT	RADIUS	FLAT	CHAMFER
	RADIUS		BULLNOSE		
	FLAT (in single head)		 THE TOP WHEELS FOR RADIUS !!!		
Dim. 130x8 / 150x7	Dim. 130x10 / 150x10	Dim. 130x14 / 150x12	Dim. 130x10	Dim. 130x10 / 150x10	Dim. 130x10
WRENCH: 32 mm	WRENCH: 19 mm	WRENCH: 19 mm	WRENCH: 19 mm	WRENCH: 19 mm	WRENCH: 32 mm

Yes, the wheel is REINVENTED !

Technologically advanced, ProGlo wheels are scrutinized for highest quality, have thickest resin (long lasting) and advanced design. ProGlo... preferred for perfection !



Recommended grits
for Granite, Engineered Stone & Marble



5 Heads	1	2	3	4	5				
system	└─▶	120	220	400	800	3500			
6 Heads	1	2	3	4	5	6			
system	└─▶	120	220	400	800	1800	3500		
7 Heads	1	2	3	4	5	6	7		
system	└─▶	60	120	220	400	800	1800	3500	
8 Heads	1	2	3	4	5	6	7	8	
system	└─▶	60	120	220	400	600	800	1800	3500

ProGlo

Edge Working Tools

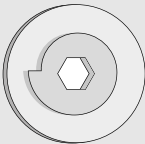
MR / GR / ES / QZ



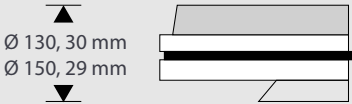
PROGLO CAYMAN

Resin Polishing Wheels for MARBLE, GRANITE & ES

GRIT	Ø 130 mm/ 5 inches	Ø 150 mm/ 6 inches
60	ALRPC3GE0060	ALRPC5GE0060
120	ALRPC3GE0120	ALRPC5GE0120
220	ALRPC3GE0220	ALRPC5GE0220
300*	ALRPC3GE0300	ALRPC5GE0300
400	ALRPC3GN0400	ALRPC5GN0400
600	ALRPC3GN0600	ALRPC5GN0600
800	ALRPC3GN0800	ALRPC5GN0800
1200*	ALRPC3GN1200	ALRPC5GN1200
1800	ALRPC3GN1800	ALRPC5GN1800
2500*	ALRPC3GN2500	ALRPC5GN2500
3500	ALRPC3GN3500	ALRPC5GN3500



Fitting: Snail lock
Wrench: 32 mm
Wheel Sizes:
Ø 130 wheel, 5 inches
Ø 150 wheel, 6 inches



MR / GR / ES / QZ



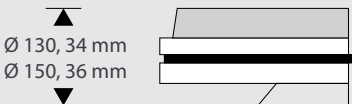
PROGLO WAFFLE

Resin Polishing Wheels for MARBLE, GRANITE & ES

GRIT	Ø 130 mm/ 5 inches	Ø 150 mm/ 6 inches
60	ALRPW3GE0060	ALRPW5GE0060
120	ALRPW3GE0120	ALRPW5GE0120
220	ALRPW3GE0220	ALRPW5GE0220
300*	ALRPW3GE0300	ALRPW5GE0300
400	ALRPW3GE0400	ALRPW5GE0400
600	ALRPW3GE0600	ALRPW5GE0600
800	ALRPW3GE0800	ALRPW5GE0800
1200*	ALRPW3GE1200	ALRPW5GE1200
1800	ALRPW3GE1800	ALRPW5GE1800
2500*	ALRPW3GE2500	ALRPW5GE2500
3500	ALRPW3GE3500	ALRPW5GE3500



Fitting: Snail lock
Wrench: 19 mm
Wheel Sizes:
Ø 130 wheel, 5 inches
Ø 150 wheel, 6 inches



ProGlo

Edge Working Tools

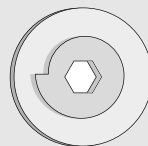
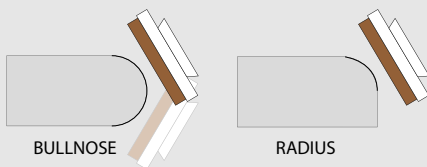
MR / GR / ES / QZ



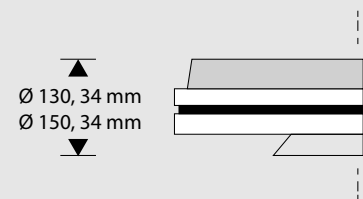
PROGLO EAGLE

Resin Polishing Wheels for MR, GR & ES - Suggested for Single Head Machines: Flat, Bullnose and Half Bullnose

GRIT	Ø 130 mm/ 5 inches	Ø 150 mm/ 6 inches
60	ALRPE3GE0060	ALRPE5GE0060
120	ALRPE3GE0120	ALRPE5GE0120
220	ALRPE3GE0220	ALRPE5GE0220
300*	ALRPE3GE0300	ALRPE5GE0300
400	ALRPE3GE0400	ALRPE5GE0400
600	ALRPE3GE0600	ALRPE5GE0600
800	ALRPE3GE0800	ALRPE5GE0800
1200*	ALRPE3GE1200	ALRPE5GE1200
1800	ALRPE3GE1800	ALRPE5GE1800
2500*	ALRPE3GE2500	ALRPE5GE2500
3500	ALRPE3GE3500	ALRPE5GE3500



Fitting: Snail lock
Wrench: 19 mm
Wheel Sizes:
Ø 130 wheel, 5 inches
Ø 150 wheel, 6 inches



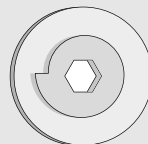
MR / GR / ES / QZ



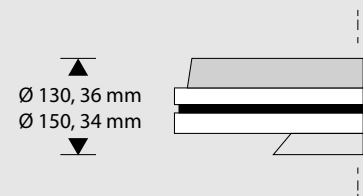
PROGLO PINWHEEL

Resin Polishing Wheels for GRANITE & ES

GRIT	Ø 130 mm/ 5 inches	Ø 150 mm/ 6 inches
60	ALRPL3GE0060	ALRPL5GE0060
120	ALRPL3GE0120	ALRPL5GE0120
220	ALRPL3GE0220	ALRPL5GE0220
300*	ALRPL3GE0300	ALRPL5GE0300
400	ALRPL3GE0400	ALRPL5GE0400
600	ALRPL3GE0600	ALRPL5GE0600
800	ALRPL3GE0800	ALRPL5GE0800
1200*	ALRPL3GE1200	ALRPL5GE1200
1800	ALRPL3GE1800	ALRPL5GE1800
2500*	ALRPL3GE2500	ALRPL5GE2500
3500	ALRPL3GE3500	ALRPL5GE3500



Fitting: Snail lock
Wrench: 19 mm
Wheel Sizes:
Ø 130 wheel
Ø 150 wheel



ProGlo

Edge Working Tools

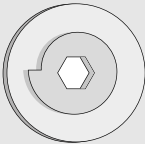
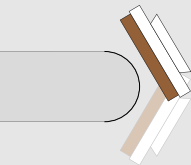
MR / GR / ES / QZ



PROGLO BULL

Resin Polishing Wheels for GRANITE & ES

GRIT	Ø 130 mm/ 5 inches	Ø 150 mm/ 6 inches
60	ALRPB3GE0060	
120	ALRPB3GE0120	
220	ALRPB3GE0220	
300*	ALRPB3GE0300	
400	ALRPB3GE0400	
600	ALRPB3GE0600	
800	ALRPB3GE0800	
1200*	ALRPB3GE1200	
1800	ALRPB3GE1800	
2500*	ALRPB3GE2500	
3500	ALRPB3GE3500	



Fitting: Snail lock
Wrench: 32 mm
Wheel Sizes:
Ø 130 wheel, 5 inches

Ø 130, 32 mm



MR

MR / GR / ES / QZ

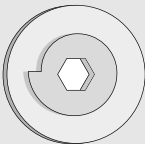


PROGLO CHAMFER (BEVELLING)

Resin Polishing Wheels for GRANITE & ES

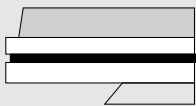
GRIT	Ø 130 mm/ 5 inches	Ø 150 mm/ 6 inches
120	ALRPF3GE0120	
220	ALRPF3GE0220	
400	ALRPF3GE0400	
600	ALRPF3GE0600	
800	ALRPF3GE0800	
1200*	ALRPF3GE1200	
1800	ALRPF3GE1800	
3500	ALRPF3GE3500	

Advised grits: 400-800 or 800-1800



Fitting: Snail lock
Wrench: 32 mm
Wheel Sizes:
Ø 130 wheel, 5 inches

Ø 130, 31 mm





Flat & Profiling

Grooving Wheels

Flat and Profiling Tools

GR/ES



GROOVING WHEELS

Segmented for GRANITE and E.S.

CODE	SIZE	No of SEGM.	SEGMENT SIZE	BORE
AMS14005	Ø 250 (10") x 6 x 7 mm	22	24 x 6 x 7 mm	50
AMS14010	Ø 250 (10") x 8 x 7 mm	22	24 x 8 x 7 mm	50
AMS14015	Ø 250 (10") x 10 x 7 mm	22	24 x 10 x 7 mm	50
AMS14020	Ø 250 (10") x 12 x 7 mm	22	24 x 12 x 7 mm	50
AMS14105	Ø 300 (12") x 6 x 7 mm	24	24 x 6 x 7 mm	50
AMS14110	Ø 300 (12") x 8 x 7 mm	24	24 x 8 x 7 mm	50
AMS14115	Ø 300 (12") x 10 x 7 mm	24	24 x 10 x 7 mm	50
AMS14120	Ø 300 (12") x 12 x 7 mm	24	24 x 12 x 7 mm	50
AMS14205	Ø 350 (14") x 6 x 7 mm	28	24 x 6 x 7 mm	50
AMS14210	Ø 350 (14") x 8 x 7 mm	28	24 x 8 x 7 mm	50
AMS14215	Ø 350 (14") x 10 x 7 mm	28	24 x 10 x 7 mm	50
AMS14220	Ø 350 (14") x 12 x 7 mm	28	24 x 12 x 7 mm	50
AMS14305	Ø 400 (16") x 6 x 7 mm	34	24 x 6 x 7 mm	50
AMS14310	Ø 400 (16") x 8 x 7 mm	34	24 x 8 x 7 mm	50
AMS14315	Ø 400 (16") x 10 x 7 mm	34	24 x 10 x 7 mm	50
AMS14320	Ø 400 (16") x 12 x 7 mm	34	24 x 12 x 7 mm	50

MR



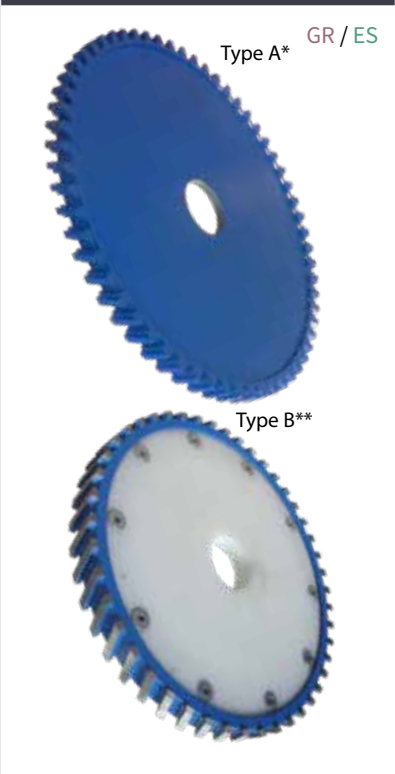
GROOVING WHEELS

Segmented for MARBLE

CODE	SIZE	No of SEGM.	SEGMENT SIZE	BORE
AMS14006	Ø 250 (10") x 6 x 7 mm	24	24 x 6 x 8 mm	50
AMS14011	Ø 250 (10") x 8 x 7 mm	24	24 x 8 x 8 mm	50
AMS14017	Ø 250 (10") x 10 x 7 mm	24	24 x 10 x 8 mm	50
AMS14021	Ø 250 (10") x 12 x 7 mm	24	24 x 12 x 8 mm	50
AMS14106	Ø 300 (12") x 6 x 7 mm	26	24 x 6 x 8 mm	50
AMS14111	Ø 300 (12") x 8 x 7 mm	26	24 x 8 x 8 mm	50
AMS14117	Ø 300 (12") x 10 x 7 mm	26	24 x 10 x 8 mm	50
AMS14121	Ø 300 (12") x 12 x 7 mm	26	24 x 12 x 8 mm	50
AMS14206	Ø 350 (14") x 6 x 7 mm	30	24 x 6 x 8 mm	50
AMS14211	Ø 350 (14") x 8 x 7 mm	30	24 x 8 x 8 mm	50
AMS14217	Ø 350 (14") x 10 x 7 mm	30	24 x 10 x 8 mm	50
AMS14221	Ø 350 (14") x 12 x 7 mm	30	24 x 12 x 8 mm	50
AMS14306	Ø 400 (16") x 6 x 7 mm	36	24 x 6 x 8 mm	50
AMS14311	Ø 400 (16") x 8 x 7 mm	36	24 x 8 x 8 mm	50
AMS14317	Ø 400 (16") x 10 x 7 mm	36	24 x 10 x 8 mm	50
AMS14321	Ø 400 (16") x 12 x 7 mm	36	24 x 12 x 8 mm	50

Grooving Wheels

Flat and Profiling Tools



GROOVING WHEELS

Segmented for GRANITE

CODE (A*)	CODE (B**)	SIZE	No of SEG.	SEGMENT SIZE	BORE
AMS10446	AMSN0446	Ø 300 (12") x 15 mm	48	20 x 6 x 6 mm	60/50
AMS10451	AMSN0451	Ø 300 (12") x 20 mm	48	25 x 6 x 6 mm	60/50
AMS10456	AMSN0456	Ø 300 (12") x 25 mm	48	30 x 6 x 6 mm	60/50
AMS10461	AMSN0461	Ø 300 (12") x 30 mm	46	40 x 6 x 6 mm	60/50
AMS10471	AMSN0472	Ø 300 (12") x 40 mm	46	50 x 6 x 6 mm	60/50
AMS10646	AMSN0646	Ø 350 (14") x 15 mm	56	20 x 6 x 6 mm	60/50
AMS10651	AMSN0651	Ø 350 (14") x 20 mm	56	25 x 6 x 6 mm	60/50
AMS10656	AMSN0656	Ø 350 (14") x 25 mm	56	30 x 6 x 6 mm	60/50
AMS10661	AMSN0668	Ø 350 (14") x 30 mm	52	40 x 6 x 6 mm	60/50
AMS10671	AMSN0671	Ø 350 (14") x 40 mm	52	50 x 6 x 6 mm	60/50
AMS10846	AMSN0848	Ø 400 (16") x 15 mm	64	20 x 6 x 6 mm	60/50
AMS10851	AMSN0851	Ø 400 (16") x 20 mm	64	25 x 6 x 6 mm	60/50
AMS10856	AMSN0657	Ø 400 (16") x 25 mm	64	30 x 6 x 6 mm	60/50
AMS10861	AMSN0864	Ø 400 (16") x 30 mm	60	40 x 6 x 6 mm	60/50
AMS10871	AMSN0871	Ø 400 (16") x 40 mm	60	50 x 6 x 6 mm	60/50



GROOVING WHEELS

Inlined Segments for MARBLE

CODE (A*)	CODE (B**)	SIZE	No of SEG.	SEGMENT SIZE	BORE
AMS10448		Ø 300 (12") x 15	52	20 x 6 x 6 mm	60/50
AMS10452		Ø 300 (12") x 20	52	25 x 6 x 6 mm	60/50
AMS10458		Ø 300 (12") x 25	52	30 x 6 x 6 mm	60/50
AMS10462		Ø 300 (12") x 30	52	40 x 6 x 6 mm	60/50
AMS10472		Ø 300 (12") x 40	52	50 x 6 x 6 mm	60/50
AMS10648		Ø 350 (14") x 15	56	20 x 6 x 6 mm	60/50
AMS10652		Ø 350 (14") x 20	64	25 x 6 x 6 mm	60/50
AMS10755		Ø 350 (14") x 25	64	30 x 6 x 6 mm	60/50
AMS10760		Ø 350 (14") x 30	56	40 x 6 x 6 mm	60/50
AMS10667		Ø 350 (14") x 40	56	50 x 6 x 6 mm	60/50
AMS10848		Ø 400 (16") x 15	68	20 x 6 x 6 mm	60/50
AMS10858		Ø 400 (16") x 20	68	25 x 6 x 6 mm	60/50
AMS10868		Ø 400 (16") x 25	64	30 x 6 x 6 mm	60/50
AMS10863		Ø 400 (16") x 30	64	40 x 6 x 6 mm	60/50
AMS10872		Ø 400 (16") x 40	64	50 x 6 x 6 mm	60/50

Lathe Blades

Flat and Profiling Tools



MR

WHEELS FOR LATHE MACHINES

Segmented for MARBLE

CODE	SIZE		SEGMENTS	BORE	NOTE
EMS00121	Ø300 (12") x 10 mm	Z36	20x10x10	50	A=2NOR/3 MR70
EMS00176	Ø350 (14") x 10 mm	Z42	20x10x10	60	A=2NOR/3 MR70
ESS00009	Ø400 (16") x 10 mm	Z48	20x10x10	50	A=2NOR/3,5 MR70
EMS00119	Ø500 (20") x 10 mm	Z60	20x10x10	60	A=2NOR/3,5 MR70
EMS00126	Ø625 (25") x 10 mm	Z72	20x10x10	60	A=2NOR/3,5 MR70



GR / ES

WHEELS FOR LATHE MACHINES

Segmented for GRANITE & E.S.

CODE	SIZE		SEGMENTS	BORE	NOTE
EMS00123	Ø300 (12") x 10 mm	Z36	20x10x10	50	A=2NOR/3 NI1S
EMS00037	Ø350 (14") x 10 mm	Z42	20x10x10	50	A=2NOR/3 NI1S
EMS00125	Ø400 (16") x 10 mm	Z48	20x10x10	50	A=2NOR/3,5 NI1S
EMS00108	Ø500 (20") x 10 mm	Z60	20x10x10	60	A=2NOR/3,5 NI1S
EMS00112	Ø625 (25") x 10 mm	Z72	20x10x10	60	A=2NOR/3,5 NI1S



MR

WHEELS FOR LATHE MACHINES

ELECTROPLATED for MARBLE

CODE	SIZE		SEGMENTS	BORE	NOTE
EME00060	Ø350 (14") x 10 mm		10+10+10	60	GRIT D602
EME00042	Ø400 (16") x 10 mm		10+10+10	50	GRIT D602
EME00048	Ø500 (20") x 10 mm		10+10+10	60	GRIT D602
EME00056	Ø600 (24") x 12 mm		12+15+15	50	GRIT D602



MR

WHEELS FOR LATHE MACHINES

ELECTROPLATED with REINFORCES for MARBLE

CODE	SIZE		SEGMENTS	BORE	NOTE
EME00061	Ø350 (14") x 10 mm		10+10+10	60	REINF 6x2 L60x10
EME00058	Ø400 (16") x 10 mm		10+10+10	50	REINF 8x2 L80x10
EME00045	Ø500 (20") x 10 mm		10+10+10	50	REINF 8x2 L100x10
EME00057	Ø600 (24") x 12 mm		12+15+15	50	REINF 8x2 L100x10

Polishing Kit for Columns

Flat and Profiling Tools



TURBO CUP WHEELS

M14 Fitting

CODE	SIZE	FITTING	GRIT
ACFC144S	Ø100 (4") x 20 x 4,5 mm	M14	TZ1T
ACFC144U	Ø100 (4") x 20 x 4,5 mm	M14	TZ2

CCTU1002 ☺	Ø100 (4") x 20 x 4,5 mm	M14	HLA
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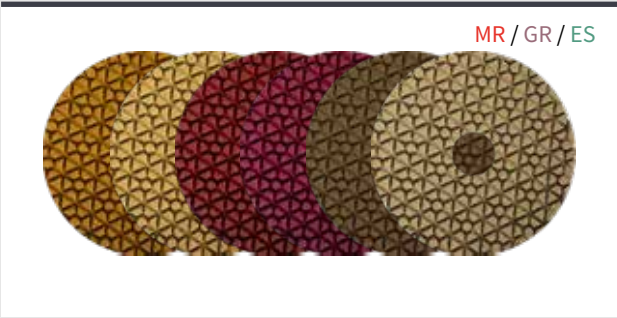
GR / ES



ADAPTER FOR PADS

for Profiling

CODE	SIZE	SEGMENTS
AZT3970A	Ø100 (4")	Flange > M14
AZZ00197	Ø100 (4")	Velcro > M14



MR / GR / ES

DIAHARD - POLISHING PADS FOR WET USE

D100 mm (4") w/Velcro back

CODE	GRIT
CCR63005	#1
CCR63010	#2
CCR63015	#3
CCR63020	#4
CCR63025	#5
CCR63030	#6

Profiling Wheels

Flat and Profiling Tools

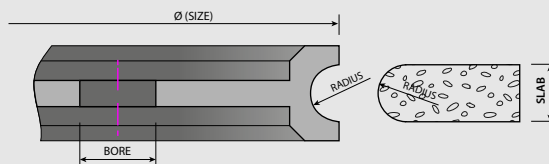
MR / GR / ES



BULLNOSE PROFILING WHEELS

Segmented

CODE	SIZE mm	RADIUS	SLAB	SEG SIZE	BORE
ASS75210	Ø200 (8")	10 mm	20 mm	28 mm	50 mm
ASS75215	Ø200 (8")	15 mm	30 mm	28 mm	50 mm
ASS75220	Ø200 (8")	20 mm	40 mm	28 mm	50 mm
ASS75225	Ø200 (8")	25 mm	50 mm	28 mm	50 mm
ASS75310	Ø250 (10")	10 mm	20 mm	36 mm	50 mm
ASS75315	Ø250 (10")	15 mm	30 mm	36 mm	50 mm
ASS75320	Ø250 (10")	20 mm	40 mm	36 mm	50 mm
ASS75325	Ø250 (10")	25 mm	50 mm	36 mm	50 mm
ASS75410	Ø300 (12")	10 mm	20 mm	42 mm	50 mm
ASS75415	Ø300 (12")	15 mm	30 mm	42 mm	50 mm
ASS75420	Ø300 (12")	20 mm	40 mm	42 mm	50 mm
ASS75425	Ø300 (12")	25 mm	50 mm	42 mm	50 mm
ASS75510	Ø350 (14")	10 mm	20 mm	50 mm	50 mm
ASS75515	Ø350 (14")	15 mm	30 mm	50 mm	50 mm
ASS75520	Ø350 (14")	20 mm	40 mm	50 mm	50 mm
ASS75525	Ø350 (14")	25 mm	50 mm	50 mm	50 mm



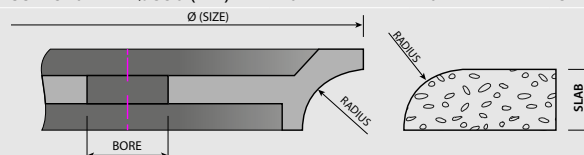
MR / GR / ES



HALF BULLNOSE PROFILING WHEELS

Segmented

CODE	SIZE mm	RADIUS	SLAB	SEG SIZE	BORE
ASS71205	Ø200 (8")	5 mm	5 mm	28 mm	50 mm
ASS71210	Ø200 (8")	10 mm	10 mm	28 mm	50 mm
ASS71215	Ø200 (8")	15 mm	15 mm	28 mm	50 mm
ASS71220	Ø200 (8")	20 mm	20 mm	28 mm	50 mm
ASS71225	Ø200 (8")	25 mm	25 mm	28 mm	50 mm
ASS71230	Ø200 (8")	30 mm	30 mm	28 mm	50 mm
ASS71240	Ø200 (8")	40 mm	40 mm	28 mm	50 mm
ASS71310	Ø250 (10")	10 mm	10 mm	36 mm	50 mm
ASS71315	Ø250 (10")	15 mm	15 mm	36 mm	50 mm
ASS71320	Ø250 (10")	20 mm	20 mm	36 mm	50 mm
ASS71325	Ø250 (10")	25 mm	25 mm	36 mm	50 mm
ASS71330	Ø250 (10")	30 mm	30 mm	36 mm	50 mm
ASS71340	Ø250 (10")	40 mm	40 mm	36 mm	50 mm
ASS71410	Ø300 (12")	10 mm	10 mm	42 mm	50 mm
ASS71415	Ø300 (12")	15 mm	15 mm	42 mm	50 mm
ASS71420	Ø300 (12")	20 mm	20 mm	42 mm	50 mm
ASS71425	Ø300 (12")	25 mm	25 mm	42 mm	50 mm
ASS71430	Ø300 (12")	30 mm	30 mm	42 mm	50 mm
ASS71440	Ø300 (12")	40 mm	40 mm	42 mm	50 mm
ASS71510	Ø350 (14")	10 mm	10 mm	51 mm	50 mm
ASS71515	Ø350 (14")	15 mm	15 mm	51 mm	50 mm
ASS71520	Ø350 (14")	20 mm	20 mm	51 mm	50 mm
ASS71525	Ø350 (14")	25 mm	25 mm	51 mm	50 mm
ASS71530	Ø350 (14")	30 mm	30 mm	51 mm	50 mm
ASS71540	Ø350 (14")	40 mm	40 mm	51 mm	50 mm



Profiling Wheels

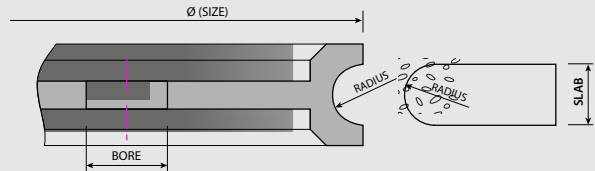
Flat and Profiling Tools



BULLNOSE PROFILING WHEELS

ELECTROPLATED

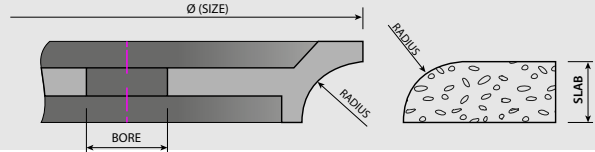
CODE	SIZE mm	RADIUS	SLAB	SEG SIZE	BORE
ASE9V222	Ø200 (8")	10 mm	20 mm	40/50	50 mm
ASE9V322	Ø200 (8")	15 mm	30 mm	40/50	50 mm
ASE9V422	Ø200 (8")	20 mm	40 mm	40/50	50 mm
ASE9V822	Ø200 (8")	25 mm	50 mm	40/50	50 mm
ASE9V232	Ø250 (10")	10 mm	20 mm	40/50	50 mm
ASE9V332	Ø250 (10")	15 mm	30 mm	40/50	50 mm
ASE9V432	Ø250 (10")	20 mm	40 mm	40/50	50 mm
ASE9V832	Ø250 (10")	25 mm	50 mm	40/50	50 mm
ASE9V242	Ø300 (12")	10 mm	20 mm	40/50	50 mm
ASE9V342	Ø300 (12")	15 mm	30 mm	40/50	50 mm
ASE9V442	Ø300 (12")	20 mm	40 mm	40/50	50 mm
ASE9V842	Ø300 (12")	25 mm	50 mm	40/50	50 mm
ASE9V252	Ø350 (14")	10 mm	20 mm	40/50	50 mm
ASE9V352	Ø350 (14")	15 mm	30 mm	40/50	50 mm
ASE9V452	Ø350 (14")	20 mm	40 mm	40/50	50 mm
ASE9V852	Ø350 (14")	25 mm	50 mm	40/50	50 mm



HALF BULLNOSE PROFILING WHEELS

ELECTROPLATED

CODE	SIZE mm	RADIUS	SLAB	SEG SIZE	BORE
ASE9B122	Ø200 (8")	5 mm	5 mm	40/50	50 mm
ASE9B222	Ø200 (8")	10 mm	10 mm	40/50	50 mm
ASE9B322	Ø200 (8")	15 mm	15 mm	40/50	50 mm
ASE9B422	Ø200 (8")	20 mm	20 mm	40/50	50 mm
ASE9B822	Ø200 (8")	25 mm	25 mm	40/50	50 mm
ASE9B922	Ø200 (8")	30 mm	30 mm	40/50	50 mm
ASE9BA22	Ø200 (8")	40 mm	40 mm	40/50	50 mm
ASE9B232	Ø250 (10")	10 mm	10 mm	40/50	50 mm
ASE9B332	Ø250 (10")	15 mm	15 mm	40/50	50 mm
ASE9B432	Ø250 (10")	20 mm	20 mm	40/50	50 mm
ASE9B832	Ø250 (10")	25 mm	25 mm	40/50	50 mm
ASE9B932	Ø250 (10")	30 mm	30 mm	40/50	50 mm
ASE9BA32	Ø250 (10")	40 mm	40 mm	40/50	50 mm
ASE9B242	Ø300 (12")	10 mm	10 mm	40/50	50 mm
ASE9B342	Ø300 (12")	15 mm	15 mm	40/50	50 mm
ASE9B442	Ø300 (12")	20 mm	20 mm	40/50	50 mm
ASE9B842	Ø300 (12")	25 mm	25 mm	40/50	50 mm
ASE9B942	Ø300 (12")	30 mm	30 mm	40/50	50 mm
ASE9BA42	Ø300 (12")	40 mm	40 mm	40/50	50 mm
ASE9B252	Ø350 (14")	10 mm	10 mm	40/50	50 mm
ASE9B352	Ø350 (14")	15 mm	15 mm	40/50	50 mm
ASE9B452	Ø350 (14")	20 mm	20 mm	40/50	50 mm
ASE9B852	Ø350 (14")	25 mm	25 mm	40/50	50 mm
ASE9B952	Ø350 (14")	30 mm	30 mm	40/50	50 mm
ASE9BA52	Ø350 (14")	40 mm	40 mm	40/50	50 mm



Bamboo & Special Wheels

Flat and Profiling Tools



BAMBOO PROFILING WHEELS

STEP 1

CODE	SIZE mm	H	BORE
DSE6640B	Ø400 (16")	100 mm	60 mm
DSE5470B	Ø300 (12")	100 mm	60 mm

SICA FINISHING BRUSH

STEP 2

CODE	SIZE mm	H	GRIT	BORE
CLR4C240	Ø400	60	240	60
CLR4A240	Ø350	50	240	50/60
CLR3A240	Ø300	50	240	60



We are specialized in the **design**
and **development** of **customized tools**

TERMS & CONDITIONS - Europe

PAYMENT TERMS

- ALL PAYMENTS have to be made in the currency indicated on the invoice.
- All invoices are due upon receipt unless stated differently.
- A monthly interest rate of 1.5% will be applied to any invoice outstanding for 30 days or longer.
- Payment can be done through Bank, our Banks are indicated on the order confirmation. Nicolai Diamant also accepts major credit cards.
- Orders on account with a past due balance will be shipped only with Credit Card payment or advance transfer.

ORDERING

- Orders can be placed over the phone, by fax, by mail. Customer orders need to be accepted by Nicolai Diamant with the issue of an Order Confirmation which will state all the Sales conditions.

SHIPPING

- Unless a preference is indicated by the customer and it is accepted by Nicolai Diamant will ship 'best way'.
- If Nicolai is unable to fill an entire order, partial shipment will be made, unless "Ship Complete" is indicated on order.

FREIGHT

- Customers must inspect shipment immediately.
- Damages or shortages must be reported to the carrier at once, and noted damage on Bill of Lading.
- If package arrive damaged, notify to carrier immediately. Save all packing and cartons for the carrier to inspect.
- Nicolai must be notified of any shortages within 24 Hours of receipt.
- Freight is Ex-works Massa unless differently communicated by Nicolai.
- Additional charges may apply to a factory direct shipment.
- INTERNATIONAL ORDERS: Nicolai welcomes orders from all over the world. Freight Charges are dependent upon weight and dimension of package. A minimum order €100.00 (EURO funds) is required. All duty is paid by the customer.

PRICE CHANGES

- Prices and availability are subject to change without notice.
- Quoted prices are valid for 10 days,
- Nicolai reserves the right to correct pricing errors on any or all print or any electronic media.
- Nicolai reserves the right to limit quantities.

RETURNS

- 30 Day Return Policy for most unused items. Special Orders or customized products cannot be returned. Additional restocking fees may apply.
- All returns need a Return goods Authorization Number (RGA#) from Nicolai. To receive an RGA# contact our main commercial office at mail@nicolaidiamant.com.
- Returned items must be unused, missing no parts, and be in a resalable condition to receive full credit.
- Custom tools or private label tools are not returnable.

If customer prefers a refund, payment will be in the same form as original payment.

- Items eligible to be returned must be postmarked within 30 days of invoiced date or 45 days from shipping. Items returned after the above set time period, or in non-resalable condition, including marked or damaged manufacturer original packaging, will not be credited. These packages need to be kept in new and resalable condition.
- Once you have received a RGA number, write the RGA number on the packing slip and lg.

Then ship the item to: **Nicolai Diamant SRL**

Attn: Returns RGA#

via Dorsale 13

54100, Massa (MS)

Italy

- Items returned without a RMA # will be subject to a restocking fee of 20% of the sale price.
- Return of non-stock items will be subject to manufacturer's restocking fee.
- NO RETURNS ON PRINTED MATERIALS, VIDEOS, DVDs, OR SOFTWARE.
- Replacement items will be billed to customer account until credit is issued when the item is received by Nicolai.
- Please note that we will refund shipping costs only if the return is a result of our error,
- All warranty claim are subject to approval for credit by the manufacturer.
- Shipping costs are subject to manufacturers policy.

COMMUNICATION WARRANTY -

PHONE NUMBER: +39 0585 79971 - FAX NUMBER: +39 0585 799799 - EMAIL: mail@nicolaidiamant.com - WEBSITE: www.nicolaidiamant.com

for NICOLAI DIAMANT s.r.l.

TERMS & CONDITIONS - North America

Welcome to Nicolai North America. These Terms and Conditions govern your use of our products and services. By placing an order or using our services, you agree to be bound by these Terms.

These Terms apply to all customers who purchase products or services from Nicolai North America. Please read these Terms carefully. If you do not agree to these Terms, you should not place an order with us.

ORDERING

Order Placement

- Email: sales@nicolai-na.com
- Phone: (616) 855-1550
- Through a Sales Representative

Order Confirmation

Customer orders must be accepted by Nicolai North America with the issuance of an Order Confirmation. This document will state all sales conditions, including pricing, shipping, and payment terms. Prices are subject to change without notice until an Order Confirmation is issued.

PAYMENTS

Accepted Payment Methods

We accept the following payment methods:

- Credit Card (a 3% fee will be charged per invoice)
- ACH (Automated Clearing House)
- Wire Transfer
- Checks

Payment Remittance

All payments must be remitted to Nicolai North America as indicated on the invoice.

Payment Terms

All payments must be made in the currency indicated on the invoice. All invoices are due upon receipt unless otherwise stated in the Order Confirmation or invoice.

SHIPPING

Shipping Methods

Unless the customer indicates a preferred shipping method and it is accepted by Nicolai North America, orders will ship via the best available method as determined by us. Shipping charges will be added at the time of invoicing.

RETURNS

Customers may return most unused items within 30 days of delivery. Special Orders or customized products are non-returnable. Restocking Fee: A restocking fee of 15% will be applied to all returns.

Return Authorization

All returns must be approved by Nicolai North America. A copy of the approval document or email must be included in the return package. Returned tools must be properly packaged. Any damage occurring during transportation will be at the customer's expense.

CLAIMS

All claims must be submitted by email to sales@nicolai-na.com. Claims should include all relevant details and documentation.

Intellectual Property

All content associated with our products and services, including but not limited to designs, trademarks, logos, and text, is the property of Nicolai North America or its licensors. Unauthorized use of our intellectual property is prohibited.

Limitation of Liability

Nicolai North America is not liable for any indirect, incidental, or consequential damages arising from the use of our products or services. Our liability is limited to the purchase price of the product in question. These Terms shall be governed by and construed in accordance with the laws of the State of Michigan, without regard to its conflict of law principles.

CHANGES TO TERMS

We reserve the right to modify these Terms at any time. Any changes will be effective immediately upon posting to our website or otherwise providing notice to customers.

CONTACT INFORMATION

For any questions or concerns regarding these Terms, please contact us at:

Nicolai North America
3990 44th St SE
Grand Rapids, MI 49512
Phone: (616) 855-1550
Email: sales@nicolai-na.com

