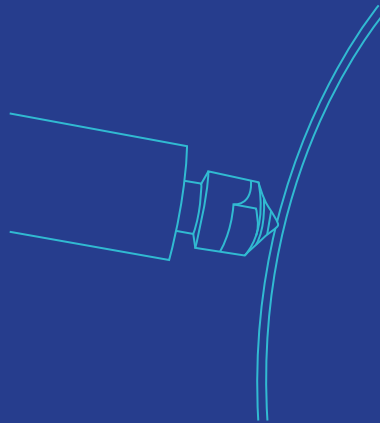
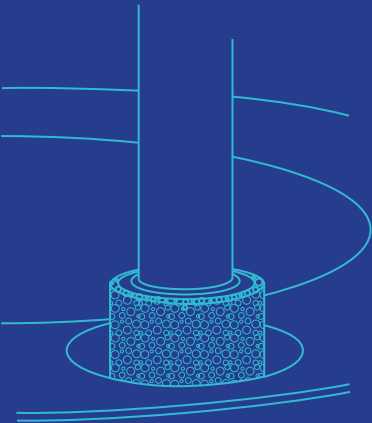
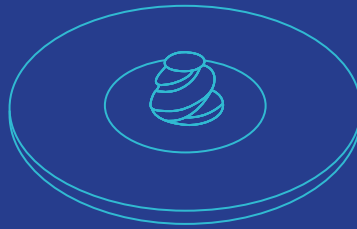
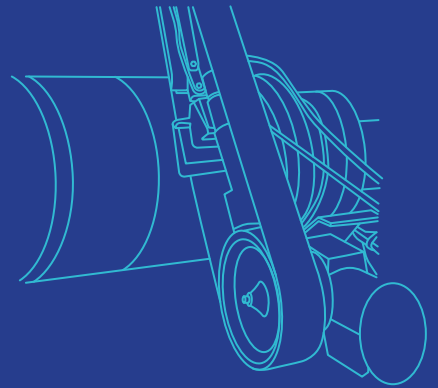
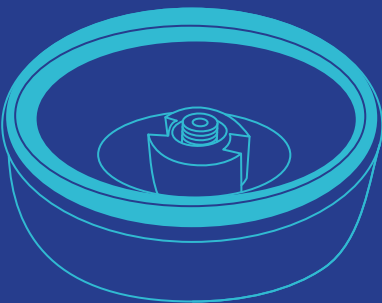


**DIAMOND**



**TOOLS**





## **METAL CATALOGUE 25-26**



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APPLICATION GUIDELINES	
★	1 <sup>st</sup> choice
☆	Suitable

MATERIALS	
	Steel
	Stainless steel
	Cast iron
	Non ferrous material
	Heat resistant superalloys
	Hardened materials
	Hard wear-resistant coating
	Tungsten carbide
	Technical ceramics

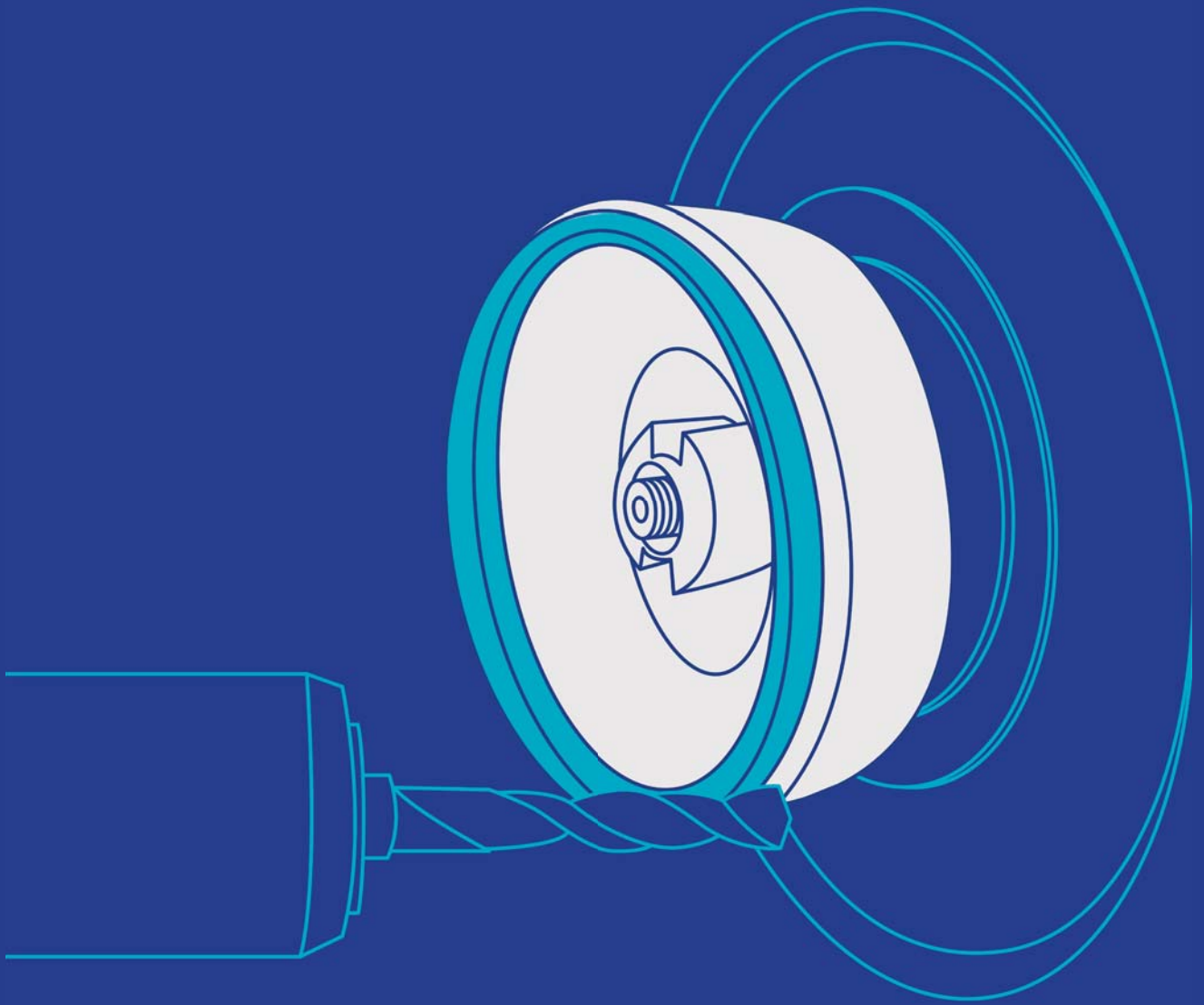
TECHNOLOGY	
	Diaface Technology
	MoonflexTechnology
	FastlineTechnology

MACHINING TYPE	
	Dry
	Wet

● stock standard, ○ non-stock standard (MOQ)  
 All measurements in this document are given in millimeters (mm).



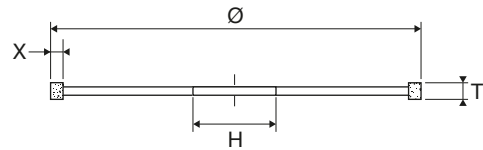


# **SUPERABRASIVE GRINDING WHEELS**

**Resin bond wheels for universal grinding machines**

**1A1R - R**

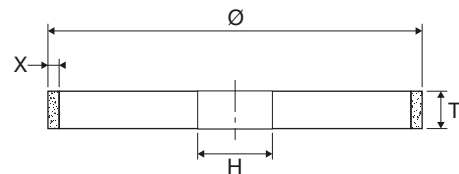
- Cutting off wheel
- Cut off of gravers, cylinders
- Grooving and chip breaker forming



Ø	T	X	H	Concentration	#	Bond	Stock	Min.	Mult.	Code	€
100	1,5	6	20	C100	D126	RS	●	1	1	ART0000000135	124,00

**1A1 - R**

- Peripheral wheel
- Outside diameter grinding on endmills and drills

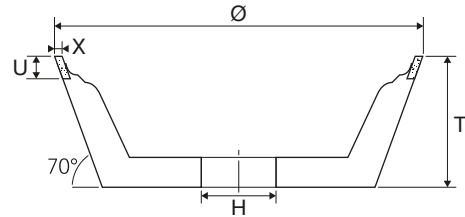


Ø	T	X	H	Concentration	#	Bond	Stock	Min.	Mult.	Code	€
100	10	3	20	C75	D126	RS	●	1	1	ART0000000349	214,00
100	5	3	20	C75	D126	RS	●	1	1	ART0000000392	140,00

## Resin bond wheels for universal grinding machines

### 11V9 - R

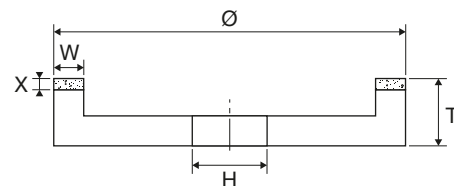
- Flaring cup wheel
- Endmills and drills OD and clearance grinding



Ø	T	U	X	H	Concentration	#	Bond	Stock	Min.	Mult.	Code	€
100	35	10	3	20	C75	D126	RS	●	1	1	ART0000000193	166,00

### 6A2 - R

- Straight cup wheel
- Universal grinding, knife sharpening

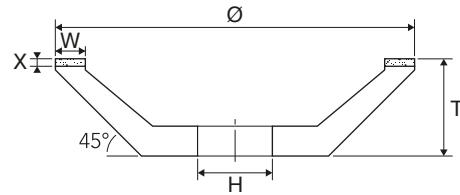


Ø	T	W	X	H	Concentration	#	Bond	Stock	Min.	Mult.	Code	€
100	30	6	3	20	C75	D126	RS	●	1	1	ART0000000097	146,00
100	25	10	2	20	C75	D126	RS	●	1	1	ART0000001228	146,00

**Resin bond wheels for universal grinding machines**

## 12A2 45° - R

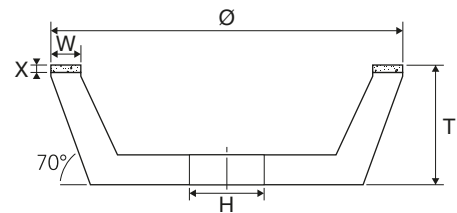
- Dish wheel
- Sharpening of pantograph gravers, endmills, reamers, turning tools



Ø	T	W	X	H	Concentration	#	Bond	Stock	Min.	Mult.	Code	€
100	25	10	3	20	C75	D126	RS	●	1	1	ART0000000178	205,00
100	25	5	3	20	C75	D126	RS	●	1	1	ART0000000434	134,00

## 11A2 70° - R

- Taper cup wheel
- Tool and cutter grinding

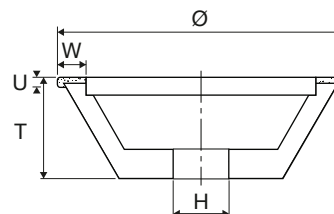


Ø	T	W	X	H	Concentration	#	Bond	Stock	Min.	Mult.	Code	€
100	30	10	3	20	C100	D126	VS	●	1	1	ART0000000562	248,00
100	35	6	3	20	C75	D126	VS	●	1	1	ART00000002858	149,00

## Electroplated wheels for universal grinding machines

### 11C9 70° - EP

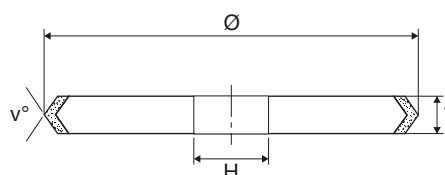
- Electroplated EP taper grinding wheel
- Profiling and sharpening of chisels
- Does not require dressing



Ø	T	U	W	H	#	Bond	Stock	Min.	Mult.	Code	€
100	35	5	10	20	D151	EP	●	1	1	E30008	148,00

### 1EE1 - EP

- Peripheral electroplated angle grinding wheel
- Suitable for bush-hammer sharpening
- Does not require dressing

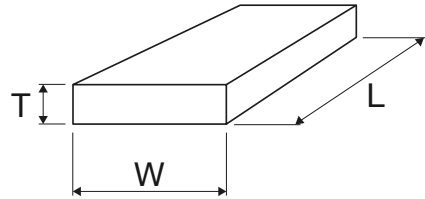
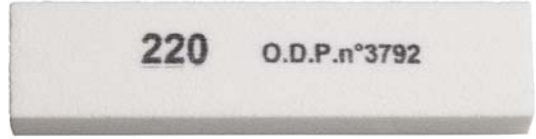


Ø	T	H	v°	#	Bond	Stock	Min.	Mult.	Code	€
125	6	20-16	66	D252	EP	●	1	1	E30137	190,00

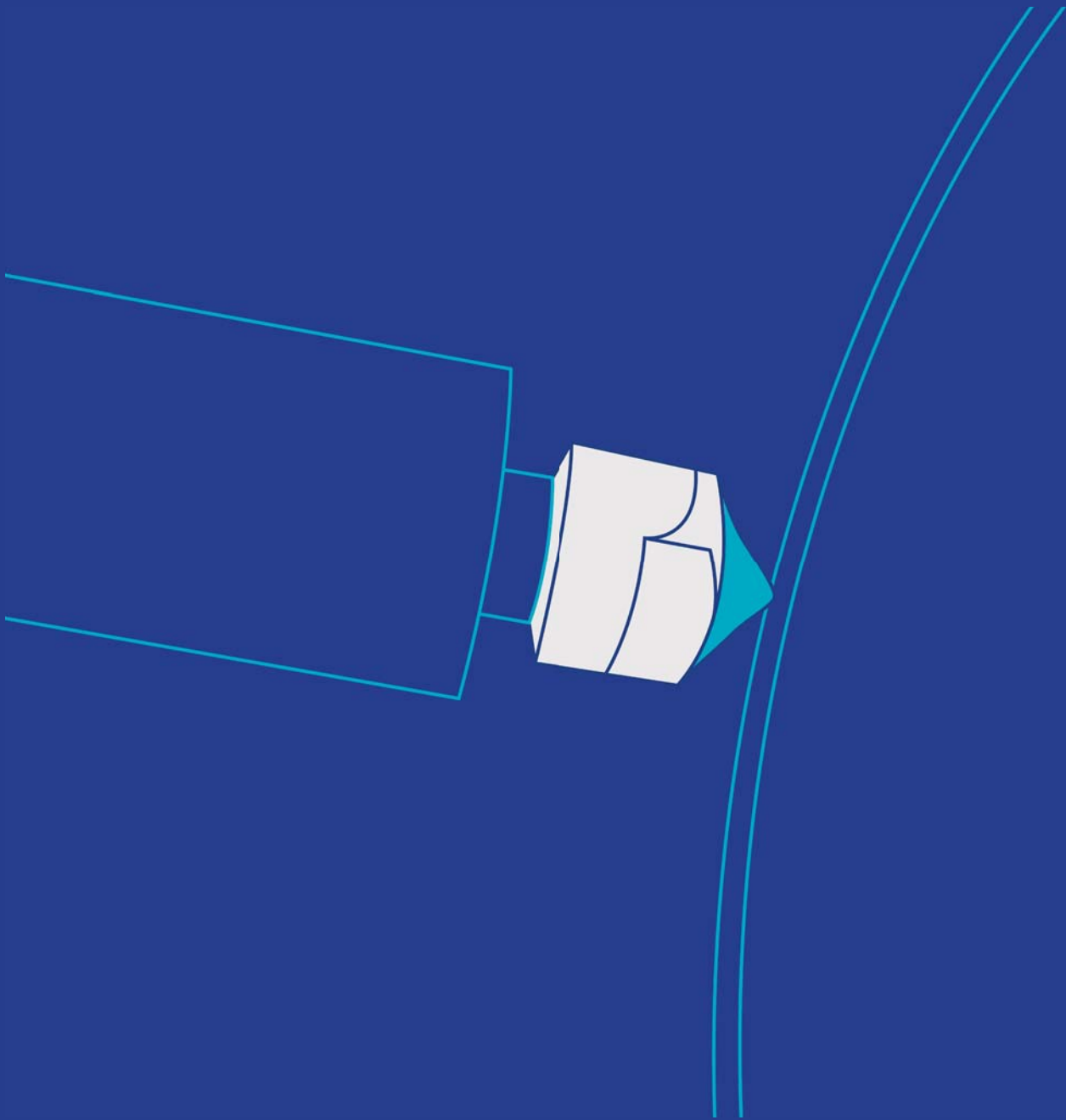
**Abrasive dresser**

**STIK**

- Abrasive stone for use on resin-bonded superabrasive grinding wheels
- Dressing should be done manually to properly expose the diamond tips by removing machining residue



T	W	L	Stock	Min.	Mult.	Code	€
8	15	65	●	5	5	<b>STIK</b>	<b>3,00</b>

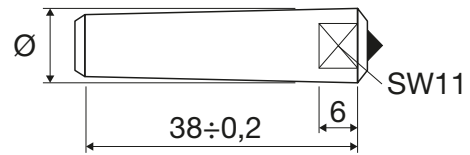


**DIAMOND  
DRESSING TOOLS**

Single point dressers

## BDS-CM

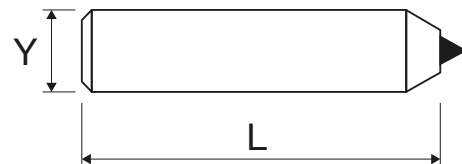
- Straight wheel or simple profiles dressing
- Morse taper shank
- Q B=Industrial quality stone, 2-3 tips good shape



Carat	Q	AT <sub>1</sub>	Stock	Min.	Mult.	Code	€
0,25	B	MT1	●	1	1	BDS020B	41,00
0,5	B	MT1	●	1	1	BDS025B	58,00
0,75	B	MT1	●	1	1	BDS033B	75,00
1	B	MT1	●	1	1	BDS050B	108,00
1,5	B	MT1	●	1	1	BDS075B	194,00
2	B	MT1	●	1	1	BDS100B	326,00

## BDS

- Straight wheel or simple profiles dressing
- Q B=Industrial quality stone, 2-3 tips good shape

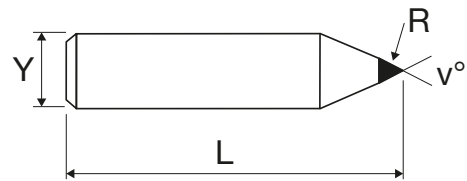


Carat	Q	Y	L	Stock	Min.	Mult.	Code	€
0,5	B	10	50	●	1	1	BDS025BB	49,00
0,75	B	10	50	●	1	1	BDS033BB	66,00
1	B	10	50	●	1	1	BDS050BB	99,00
1,5	B	10	50	●	1	1	BDS075BB	185,00

## Forming dressers

### DC - PROF

- Cone shape single point dresser
- Ideal for small radius forming on max Ø250 mm wheel in grit #120 or finer

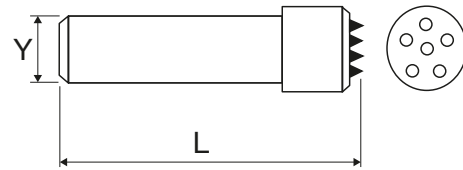


$v^\circ$	R	Y	L	Stock	Min.	Mult.	Code	€
60	0,02	10	50	●	1	1	DC604	41,00

## Multi-point dressers

### DM

- Multipoint cluster tool
- Particularly suitable for straight dressing of medium-coarse grit wheels with fast feed rate

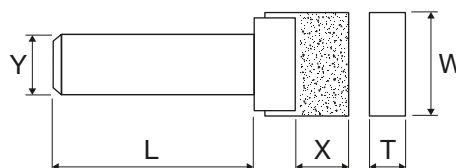


Carat	◇	Y	L	Stock	Min.	Mult.	Code	€
1	3	12	50	●	1	1	DM03201	134,00
1	5	12	50	●	1	1	DM05101	170,00
1	6	12	50	●	1	1	DM06101	188,00
1,4	7	12	50	●	1	1	DM07101	214,00

## Sintered multi-point dressers

### DI - MULTI

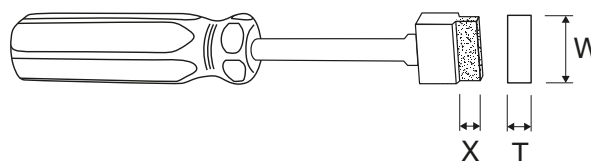
- Dressers with diamond powder impregnated in a sintered metal bond
- For fast dressing of straight wheels in medium-fine grits



T	W	X	Y	L	Stock	Min.	Mult.	Code	€
6,5	13	7	12	50	●	1	1	DI2AMC	82,00
	9	9	12	50	●	1	1	DI1CMG	74,00

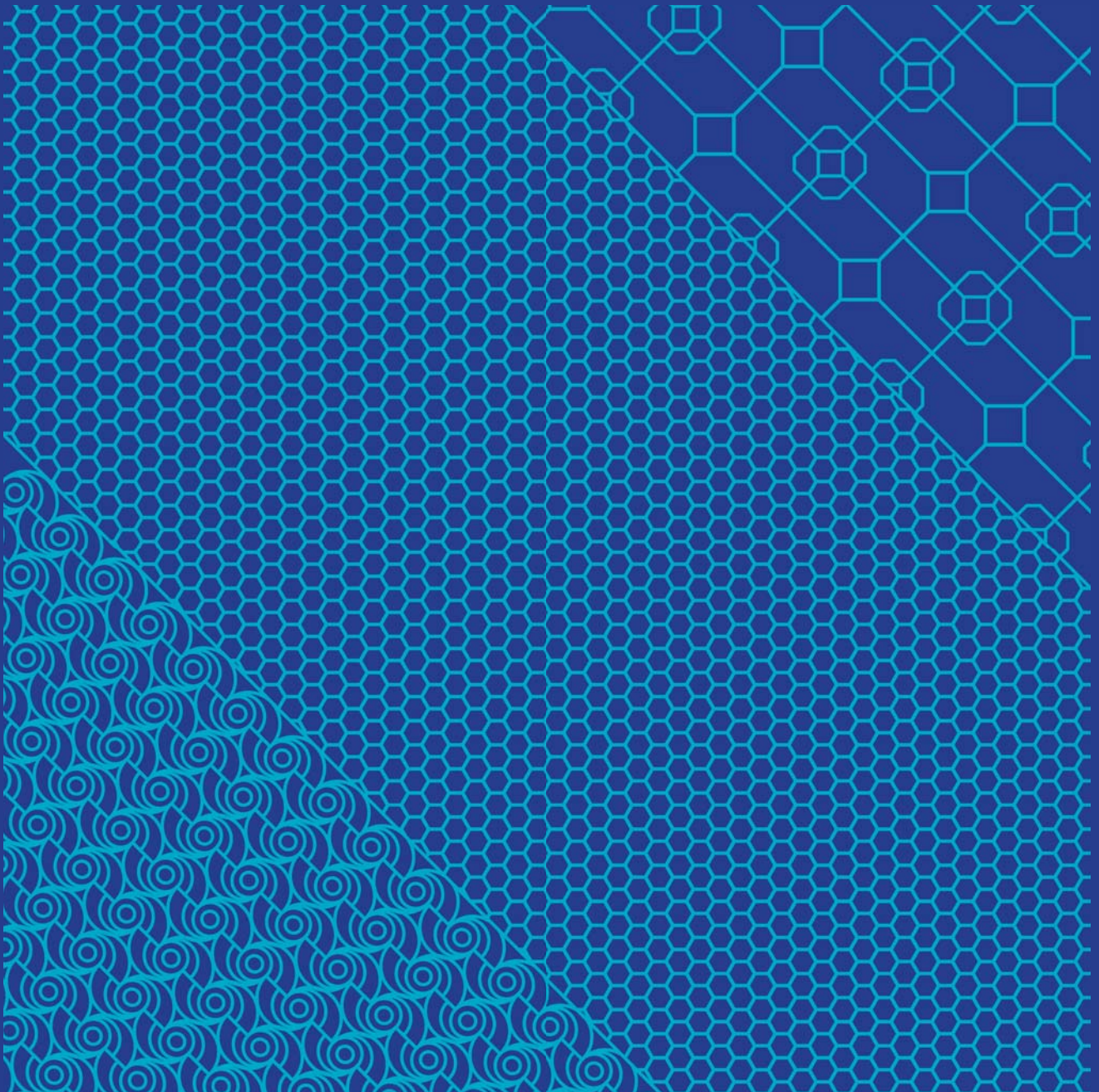
### HD

- Impregnated dressers for hand use
- Ideal for bench grinders



T	W	X	Stock	Min.	Mult.	Code	€
6,5	13	7	●	1	1	HD01R	86,00
6	20	7	●	1	1	HD02R	92,00





# DIAMOND CLOTH

## Diamond hand pads

### Fastline P01S

· Diamond 90x55 hand pads are inexpensive tools for achieving a quick, high-quality finish on either flat or radiused surfaces



#### 90x55

#	Ld	W	Stock	Min.	Mult.	Code	€
60M 250 μ	90	55	●	10	10	TFP010021S	15,20
120M 125 μ	90	55	●	10	10	TFP010022S	13,70
200M 74 μ	90	55	●	10	10	TFP010023S	12,90
400M 40 μ	90	55	●	10	10	TFP010025S	9,70

## Diamond hand pads

### Diaface P01S

· Diamond 90x55 hand pads are inexpensive tools for achieving a quick, high-quality finish on either flat or radiused surfaces



#### 90x55

#	Ld	W	Stock	Min.	Mult.	Code	€
60M 250 μ	90	55	●	10	10	TP010021S	21,10
120M 125 μ	90	55	●	10	10	TP010022S	18,30
200M 74 μ	90	55	●	10	10	TP010023S	14,10
400M 40 μ	90	55	●	10	10	TP010025S	11,50
600M 20 μ	90	55	●	10	10	TP010026S	11,50
1000M 10 μ	90	55	●	10	10	TP010027S50	15,60
500R 30 μ	90	55	●	10	10	TP010025B	9,20
1000R 10 μ	90	55	●	10	10	TP010027R	9,20
8000R 2 μ	90	55	●	10	10	TP010028R	9,20

## Diamond hand pads

## Moonflex P01S

- Diamond 90x55 hand pads are inexpensive tools for achieving a quick, high-quality finish on either flat or radiused surfaces



## 90x55

#	Ld	W	Stock	Min.	Mult.	Code	€
60M 250 $\mu$	90	55	●	10	10	THP010021G	25,70
120M 125 $\mu$	90	55	●	10	10	THP010022G	22,30
200M 74 $\mu$	90	55	●	10	10	THP010023G	16,80
400M 40 $\mu$	90	55	●	10	10	THP010025G	12,90
500R 30 $\mu$	90	55	●	10	10	THP010025C	11,40
1000R 10 $\mu$	90	55	●	10	10	THP010027C	11,40
8000R 10 $\mu$	90	55	●	10	10	THP010028C	11,40

## Diamond whetstone

## Diaface WHET

- For quick resharpening of chisels, knives
- Perfect for ceramic blades



## 100x25

#	Ld	W	Stock	Min.	Mult.	Code	€
120M 125 $\mu$	100	25	●	2	1	TB010052S	26,50
200M 74 $\mu$	100	25	●	2	1	TB010053S	23,60
400M 40 $\mu$	100	25	●	2	1	TB010055S	20,70

## Diamond whetstone

### Moonflex WHET

- For quick resharpening of chisels, knives
- Perfect for ceramic blades



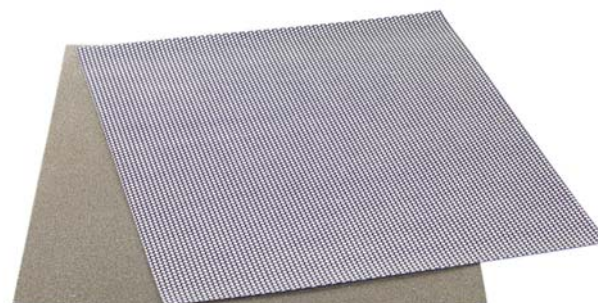
#### 150x50

#	Ld	W	Stock	Min.	Mult.	Code	€
120M 125 μ	150	50	●	1	1	THB010022G	63,00
200M 74 μ	150	50	●	1	1	THB010023G	55,00
400M 40 μ	150	50	●	1	1	THB010025G	51,00
200M 74 μ 400M 40 μ	150	50	●	1	1	THB01006AG	51,50

## Diamond sheets with canvas backing

### Diaface CVF

- Very flexible backing can be used for complex shapes
- Can be easily cut with scissors



#### 230x50

#	Ld	W	Stock	Min.	Mult.	Code	€
60M 250 μ	230	50	●	2	1	TF020311S	54,60
120M 125 μ	230	50	●	2	1	TF020312S	43,80
200M 74 μ	230	50	●	2	1	TF020313S	31,00
400M 40 μ	230	50	●	2	1	TF020315S	26,90
600M 20 μ	230	50	●	2	1	TF020316S	26,90
1000M 10 μ	230	50	●	2	1	TF020317S50	27,20
500R 30 μ	230	50	●	2	1	TF020315B	16,70
1000R 10 μ	230	50	●	2	1	TF020317R	16,70
8000R 2 μ	230	50	●	2	1	TF020318R	16,70

#### 230x280

#	Ld	W	Stock	Min.	Mult.	Code	€
60M 250 μ	230	280	●	1	1	TF020051S	277,40
120M 125 μ	230	280	●	1	1	TF020052S	222,40
200M 74 μ	230	280	●	1	1	TF020053S	156,70
400M 40 μ	230	280	●	1	1	TF020055S	137,40
600M 20 μ	230	280	●	1	1	TF020056S	137,40
1000M 10 μ	230	280	●	1	1	TF020057S50	137,40
500R 30 μ	230	280	●	1	1	TF020055B	85,20
1000R 10 μ	230	280	●	1	1	TF020057R	85,20
8000R 2 μ	230	280	●	1	1	TF020058R	85,20

#### 760x50

#	Ld	W	Stock	Min.	Mult.	Code	€
60M 250 μ	760	50	●	1	1	TF020031S	163,60
120M 125 μ	760	50	●	1	1	TF020032S	126,60
200M 74 μ	760	50	●	1	1	TF020033S	91,60
400M 40 μ	760	50	●	1	1	TF020035S	81,30
600M 20 μ	760	50	●	1	1	TF020036S	81,30

## Diamond sheets with canvas backing

### Moonflex CVF

- Very flexible backing can be used for complex shapes
- Can be easily cut with scissors



#### 230x50

#	Ld	W	Stock	Min.	Mult.	Code	€
60M 250 μ	230	50	●	2	1	THF020311G	60,00
120M 125 μ	230	50	●	2	1	THF020312G	48,00
200M 74 μ	230	50	●	2	1	THF020313G	34,10
400M 40 μ	230	50	●	2	1	THF020315G	30,30
600M 20 μ	230	50	●	2	1	THF020316G	30,30
1000M 10 μ	230	50	●	2	1	THF020317G50	35,00

## Self-adhesive diamond sheets

## Diaface SAF

- The self adhesive backing allows permanent gluing on flat surfaces
- Ideal to manufacture diamond files or small tools
- Can be easily cut with scissors



## 75x75

#	Ld	W	Stock	Min.	Mult.	Code	€
60M 250 $\mu$	75	75	●	5	5	TF010011S	24,80
120M 125 $\mu$	75	75	●	5	5	TF010012S	19,40
200M 74 $\mu$	75	75	●	5	5	TF010013S	14,40
400M 40 $\mu$	75	75	●	5	5	TF010015S	13,30
600M 20 $\mu$	75	75	●	5	5	TF010016S	13,30
1000M 10 $\mu$	75	75	●	5	5	TF010017S50	14,00

## 100x100

#	Ld	W	Stock	Min.	Mult.	Code	€
60M 250 $\mu$	100	100	●	5	1	TF010201S	48,50
120M 125 $\mu$	100	100	●	5	1	TF010202S	38,00
200M 74 $\mu$	100	100	●	5	1	TF010203S	28,20
400M 40 $\mu$	100	100	●	5	1	TF010205S	26,50
600M 20 $\mu$	100	100	●	5	1	TF010206S	26,50
1000M 10 $\mu$	100	100	●	5	1	TF010207S50	31,60

## 230x280

#	Ld	W	Stock	Min.	Mult.	Code	€
120M 125 $\mu$	230	280	●	1	1	TF010022S	213,20
200M 74 $\mu$	230	280	●	1	1	TF010023S	164,80
400M 40 $\mu$	230	280	●	1	1	TF010025S	150,90
600M 20 $\mu$	230	280	●	1	1	TF010026S	150,90
1000M 10 $\mu$	230	280	●	1	1	TF010027S50	150,90

## QRS backing diamond sheets

## Diaface Delta QRS

- Loop backing for rapid change of grit size
- Can be used by hand or with orbital sanders



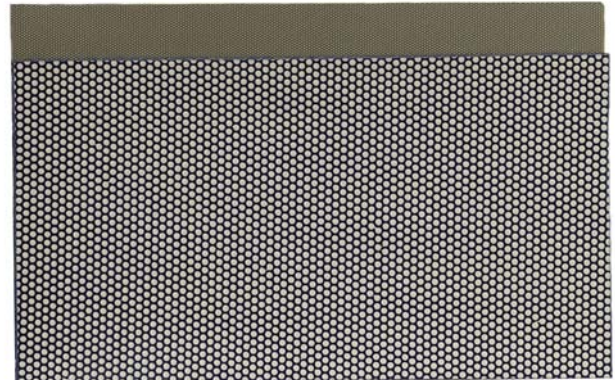
80

#	Ld	Stock	Min.	Mult.	Code	€
60M 250 $\mu$	80	●	3	3	TF030031S	22,90
120M 125 $\mu$	80	●	3	3	TF030032S	20,60
200M 74 $\mu$	80	●	3	3	TF030033S	15,20
400M 40 $\mu$	80	●	3	3	TF030035S	14,00
500R 30 $\mu$	80	●	3	3	TF030035B	9,00
1000R 10 $\mu$	80	●	3	3	TF030037R	9,10

## QRS backing diamond sheets

### Diaface QRS-F

- Loop backing for rapid change of grit size
- Can be used by hand or with orbital sanders



#### 130x55

#	Ld	W	Stock	Min.	Mult.	Code	€
60M 250 μ	130	55	●	3	1	TF030041S	32,20
120M 125 μ	130	55	●	3	1	TF030042S	24,80
200M 74 μ	130	55	●	3	1	TF030043S	19,40
400M 40 μ	130	55	●	3	1	TF030045S	18,60
600M 20 μ	130	55	●	3	1	TF030046S	18,60

#### 210x115

#	Ld	W	Stock	Min.	Mult.	Code	€
60M 250 μ	210	115	●	2	1	TF030021S	108,30
120M 125 μ	210	115	●	2	1	TF030022S	83,60
200M 74 μ	210	115	●	2	1	TF030023S	65,00
400M 40 μ	210	115	●	2	1	TF030025S	63,10
600M 20 μ	210	115	●	2	1	TF030026S	63,10
500R 30 μ	210	115	●	2	1	TF030025B	37,20
1000R 10 μ	210	115	●	2	1	TF030027R	37,20



Available accessories TAQ see page122

## QRS backing diamond sheets

## Moonflex QRS-F

- Loop backing for rapid change of grit size
- Can be used by hand or with orbital sanders



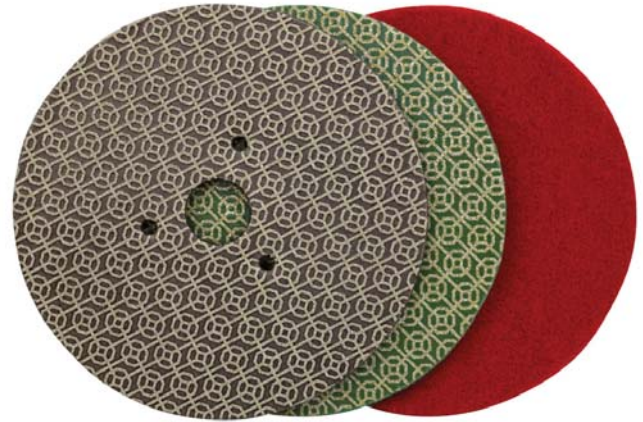
## 120x70

#	Ld	W	Stock	Min.	Mult.	Code	€
60M 250 $\mu$	120	70	●	3	3	THF030081G	45,70
120M 125 $\mu$	120	70	●	3	3	THF030082G	35,30
200M 74 $\mu$	120	70	●	3	3	THF030083G	27,50
400M 40 $\mu$	120	70	●	3	3	THF030085G	26,80
500R 30 $\mu$	120	70	●	3	3	THF030085C	15,50
1000R 10 $\mu$	120	70	●	3	3	THF030087C	15,50
8000R 2 $\mu$	120	70	●	3	3	THF030088C	15,50

## QRS Flexible diamond discs

### Fastline QRS

- Loop backing for rapid change of grit size
- Should be used on wet sanding machines



#### Ø100 H16+3F

#	Ø	H	Stock	Min.	Mult.	Code	€
60M 250 µ	100	16	●	5	1	TFD070061S	34,50
120M 125 µ	100	16	●	5	1	TFD070062S	30,50
200M 74 µ	100	16	●	5	1	TFD070063S	22,20
400M 40 µ	100	16	●	5	1	TFD070065S	20,60
600M 20 µ	100	16	●	5	1	TFD070066S	20,60



Available accessories PLA-QM, PLA-QNR, PLA-QA, PLA-QR, PLA-QS see page114

## QRS Flexible diamond discs

### Diaface QRS

- Loop backing for rapid change of grit size
- Should be used on wet sanding machines



#### Ø80 H16

#	Ø	H	Stock	Min.	Mult.	Code	€
60M 250 µ	80	16	●	5	1	TD130011S	26,40
120M 125 µ	80	16	●	5	1	TD130012S	23,30
200M 74 µ	80	16	●	5	1	TD130013S	17,10
400M 40 µ	80	16	●	5	1	TD130015S	15,90
600M 20 µ	80	16	●	5	1	TD130016S	15,90
500R 30 µ	80	16	●	5	1	TD130015B	9,80
1000R 10 µ	80	16	●	5	1	TD130017R	9,80

#### Ø100 H16+3F

#	Ø	H	Stock	Min.	Mult.	Code	€
60M 250 µ	100	16	●	5	1	TD070061S	41,00
120M 125 µ	100	16	●	5	1	TD070062S	35,90
200M 74 µ	100	16	●	5	1	TD070063S	26,40
400M 40 µ	100	16	●	5	1	TD070065S	24,10
600M 20 µ	100	16	●	5	1	TD070066S	24,10
500R 30 µ	100	16	●	5	1	TD070065B	15,90
1000R 10 µ	100	16	●	5	1	TD070067R	15,90
8000R 2 µ	100	16	●	5	1	TD070068R	15,90

#### Ø115 H25

#	Ø	H	Stock	Min.	Mult.	Code	€
60M 250 µ	115	25	●	5	1	TD080011S	54,20
120M 125 µ	115	25	●	5	1	TD080012S	48,00
200M 74 µ	115	25	●	5	1	TD080013S	35,30
400M 40 µ	115	25	●	5	1	TD080015S	32,50
500R 30 µ	115	25	●	5	1	TD080015B	21,00
1000R 10 µ	115	25	●	5	1	TD080017R	21,00

## QRS Flexible diamond discs

## Diaface QRS

- Loop backing for rapid change of grit size
- Should be used on wet sanding machines



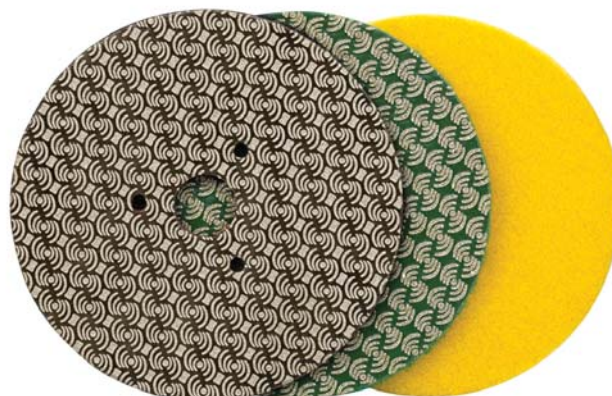
## Ø125 H25

#	Ø	H	Stock	Min.	Mult.	Code	€
60M 250 µ	125	25	●	3	1	TD090021S	63,90
120M 125 µ	125	25	●	3	1	TD090022S	56,50
200M 74 µ	125	25	●	3	1	TD090023S	41,40
400M 40 µ	125	25	●	3	1	TD090025S	38,40
500R 30 µ	125	25	●	3	1	TD090025B	24,80
1000R 10 µ	125	25	●	3	1	TD090027R	24,80

QRS Flexible diamond discs

## Moonflex QRS

- Loop backing for rapid change of grit size
- Should be used on wet sanding machines



### Ø100 H16+3F

#	Ø	H	Stock	Min.	Mult.	Code	€
60M 250 µ	100	16	●	5	1	THD070061G	44,90
120M 125 µ	100	16	●	5	1	THD070062G	39,90
200M 74 µ	100	16	●	5	1	THD070063G	29,10

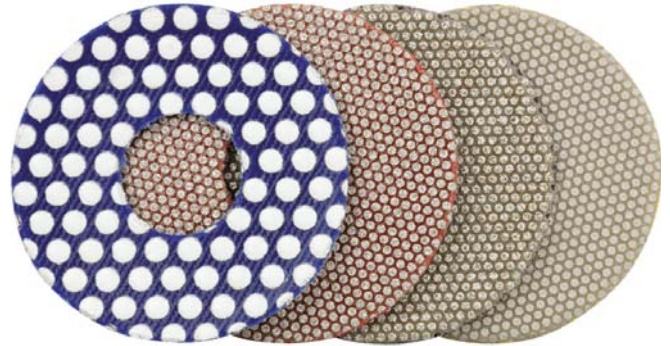


Available accessories PLA-QM, PLA-QNR, PLA-QA, PLA-QR, PLA-QS see page114

## Self-adhesive flexible diamond discs

## Diaface SA220

· Specific model for use on JPG220 mini-angle grinders



## Ø30 H11

#	Ø	H	Stock	Min.	Mult.	Code	€
60M 250 µ	30	11	●	10	10	TD120061S	4,70
120M 125 µ	30	11	●	10	10	TD120062S	4,18
200M 74 µ	30	11	●	10	10	TD120063S	2,72
400M 40 µ	30	11	●	10	10	TD120065S	2,72

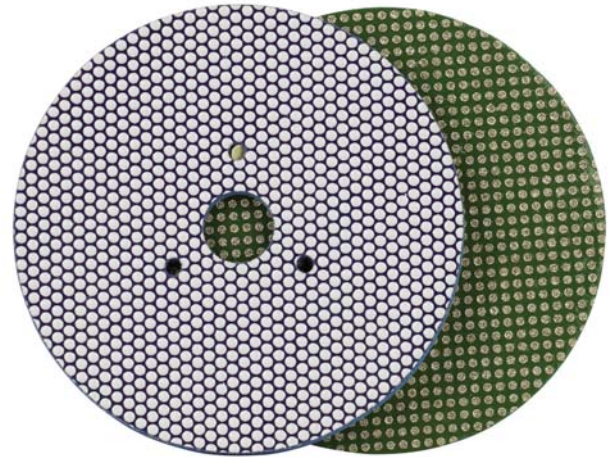


Available accessories PLA-SA, 220 see page116

## Self-adhesive flexible diamond discs

### Diaface SA 2PL

- Self-adhesive model with 2 mm of foam material (2PL) to give slight flexibility
- Double holes configuration allows use on various models of sanding machines



#### Ø100 H16+3F

#	Ø	H	Stock	Min.	Mult.	Code	€
60M 250 µ	100	16	●	5	1	TD010081S	39,10
120M 125 µ	100	16	●	5	1	TD010082S	32,20
200M 74 µ	100	16	●	5	1	TD010083S	24,80
400M 40 µ	100	16	●	5	1	TD010085S	23,30
600M 20 µ	100	16	●	5	1	TD010086S	23,30
500R 30 µ	100	16	●	5	1	TD010085B	14,40
1000R 10 µ	100	16	●	5	1	TD010087R	14,40

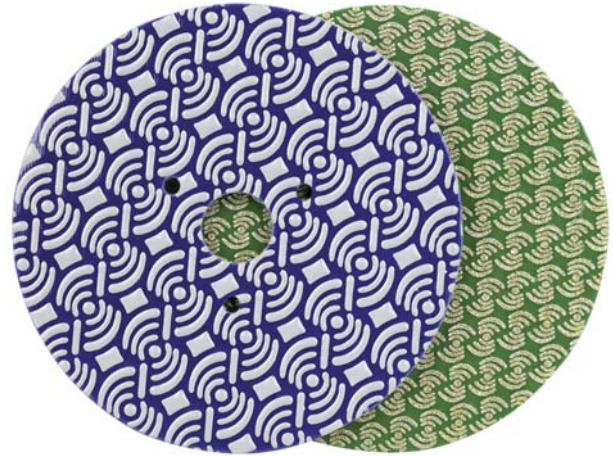


Available accessories PLA-IN see page117

## Self-adhesive flexible diamond discs

## Moonflex SA 2PL

- Self-adhesive model with 2 mm of foam material (2PL) to give slight flexibility
- Double holes configuration allows use on various models of sanding machines



## Ø100 H16+3F

#	Ø	H	Stock	Min.	Mult.	Code	€
60M 250 µ	100	16	●	5	1	THD010081G	43,00
120M 125 µ	100	16	●	5	1	THD010082G	35,30
200M 74 µ	100	16	●	5	1	THD010083G	27,20
400M 40 µ	100	16	●	5	1	THD010085G	26,00
500R 30 µ	100	16	●	5	1	THD010085C	16,00
1000R 10 µ	100	16	●	5	1	THD010087C	16,00

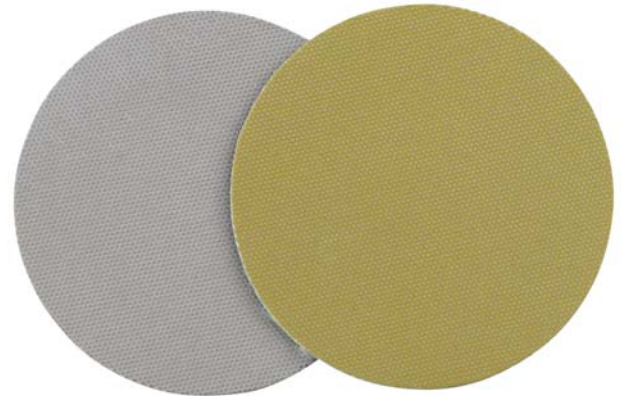


Available accessories PLA-IN see page117

## Self-adhesive flexible diamond discs

## Diaface SA

- Used primarily on lapping machines
- Adhesive backing allows permanent bonding to lapping plates ensuring excellent flatness



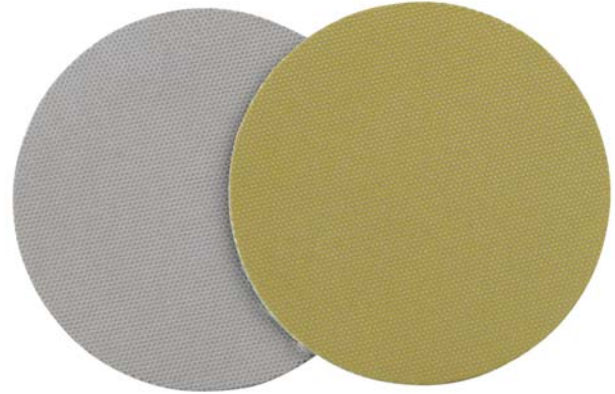
## Ø250 H25

#	Ø	H	Stock	Min.	Mult.	Code	€
200M 74 µ	250	25	●	1	1	TD120423S	154,80
400M 40 µ	250	25	●	1	1	TD120425S	144,40
600M 20 µ	250	25	●	1	1	TD120426S	144,40
1000M 10 µ	250	25	●	1	1	TD120427S30	174,00

## Magnetic diamond discs

## Diaface MAG

- Used primarily on lapping machines
- The magnetic back allows rapid change of grit size while maintaining excellent flatness characteristics



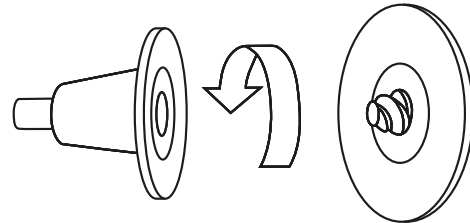
## Ø300

#	Ø	Stock	Min.	Mult.	Code	€
200M 74 µ	300	●	1	1	TD120183S10	262,50
600M 20 µ	300	●	1	1	TD120186S10	241,30
1000M 10 µ	300	●	1	1	TD120187S30	289,30

## Flexible diamond discs with TRK quick fastening

### Diaface TRK

- Fast-mounting flexible diamond discs with screw pin for specific TRK backing pads
- Ideal in small finishing operations



#### Ø25

#	Ø	Stock	Min.	Mult.	Code	€
60M 250 µ	25	●	2	1	TD140061S10	12,80
120M 125 µ	25	●	2	1	TD140062S10	12,80
200M 74 µ	25	●	2	1	TD140063S10	11,50
600M 20 µ	25	●	2	1	TD140066S10	11,50
500R 30 µ	25	●	2	1	TD140065B	8,80
1000R 10 µ	25	●	2	1	TD140067R	8,80

#### Ø50

#	Ø	Stock	Min.	Mult.	Code	€
60M 250 µ	50	●	2	1	TD140041S10	25,40
120M 125 µ	50	●	2	1	TD140042S10	20,70
200M 74 µ	50	●	2	1	TD140043S10	17,25
400M 40 µ	50	●	2	1	TD140045S10	17,25



Available accessories PLA-TRK see page 119

## Diamond belts for expanding rubber drum with shank

### Diaface SP1

- Spirally wound small diamond belts
- Can be mounted on small expanding rubber drums with 6mm shank in order to be used on small straight grinders or NC machines for bore finishing or light deburring



#### Ø15x30

#	Ø	T	Stock	Min.	Mult.	Code	€
60M 250 µ	15	30	●	2	2	TN060011S	22,90
120M 125 µ	15	30	●	2	2	TN060012S	22,20
200M 74 µ	15	30	●	2	2	TN060013S	20,60
400M 40 µ	15	30	●	2	2	TN060015S	19,40
600M 20 µ	15	30	●	2	2	TN060016S	19,40
500R 30 µ	15	30	●	2	2	TN060015B	17,80
1000R 10 µ	15	30	●	2	2	TN060017R	17,80
8000R 2 µ	15	30	●	2	2	TN060018R	17,80

#### Ø30x30

#	Ø	T	Stock	Min.	Mult.	Code	€
60M 250 µ	30	30	●	2	1	TN060041S	33,00
120M 125 µ	30	30	●	2	1	TN060042S	31,00
200M 74 µ	30	30	●	2	1	TN060043S	27,50
400M 40 µ	30	30	●	2	1	TN060045S	27,20
600M 20 µ	30	30	●	2	1	TN060046S	27,20
500R 30 µ	30	30	●	2	1	TN060045B	22,50
1000R 10 µ	30	30	●	2	1	TN060047R	22,50
8000R 2 µ	30	30	●	2	1	TN060048R	22,50



Available accessories RGE6 see page119

## Diamond belts for expanding rubber drum with shank

### Moonflex SP1

- Spirally wound small diamond belts
- Can be mounted on small expanding rubber drums with 6mm shank in order to be used on small straight grinders or NC machines for bore finishing or light deburring



#### Ø15x30

#	Ø	T	Stock	Min.	Mult.	Code	€
60M 250 µ	15	30	●	2	2	THN060011G	25,20
120M 125 µ	15	30	●	2	2	THN060012G	24,40
200M 74 µ	15	30	●	2	2	THN060013G	22,50



Available accessories RGE6 see page119

## Diamond belts for expanding rubber drums

### Diaface SP2

- Diamond belts in SP (spiral joint) construction available from Ø50 to Ø100 mm
- They are mounted on rubber expansion wheels that can be used on CNC contouring machines, bench grinders or portable sanders



#### Ø50x42

#	Ø	T	Stock	Min.	Mult.	Code	€
60M 250 µ	50	42	●	1	1	TN060181S	40,60
120M 125 µ	50	42	●	1	1	TN060182S	35,20
200M 74 µ	50	42	●	1	1	TN060183S	26,30
400M 40 µ	50	42	●	1	1	TN060185S	23,60
600M 20 µ	50	42	●	1	1	TN060186S	23,60
500R 30 µ	50	42	●	1	1	TN060185B	19,60
1000R 10 µ	50	42	●	1	1	TN060187R	19,60
8000R 2 µ	50	42	●	1	1	TN060188R	19,60

#### Ø75x38

#	Ø	T	Stock	Min.	Mult.	Code	€
60M 250 µ	75	38	●	1	1	TN060171S	49,20
120M 125 µ	75	38	●	1	1	TN060172S	38,70
200M 74 µ	75	38	●	1	1	TN060173S	38,10
400M 40 µ	75	38	●	1	1	TN060175S	33,60
600M 20 µ	75	38	●	1	1	TN060176S	33,60
500R 30 µ	75	38	●	1	1	TN060175B	26,60
1000R 10 µ	75	38	●	1	1	TN060177R	26,60

#### Ø100x38

#	Ø	T	Stock	Min.	Mult.	Code	€
60M 250 µ	100	38	●	1	1	TN060241S	58,10
120M 125 µ	100	38	●	1	1	TN060242S	51,60
200M 74 µ	100	38	●	1	1	TN060243S	46,40
400M 40 µ	100	38	●	1	1	TN060245S	44,10



Available accessories RGE see page119

## Diamond belts for expanding rubber drums

### Moonflex SP2

- Diamond belts in SP (spiral joint) construction available from Ø50 to Ø100 mm
- They are mounted on rubber expansion wheels that can be used on CNC contouring machines, bench grinders or portable sanders



#### Ø50x42

#	Ø	T	Stock	Min.	Mult.	Code	€
60M 250 µ	50	42	●	1	1	THN060181G	46,50
120M 125 µ	50	42	●	1	1	THN060182G	39,50
200M 74 µ	50	42	●	1	1	THN060183G	30,30
400M 40 µ	50	42	●	1	1	THN060185G	27,20
500R 30 µ	50	42	●	1	1	THN060185C	22,50
1000R 10 µ	50	42	●	1	1	THN060187C	22,50

#### Ø75x38

#	Ø	T	Stock	Min.	Mult.	Code	€
60M 250 µ	75	38	●	1	1	THN060171G	50,00
120M 125 µ	75	38	●	1	1	THN060172G	44,20
200M 74 µ	75	38	●	1	1	THN060173G	40,30
400M 40 µ	75	38	●	1	1	THN060175G	38,80
500R 30 µ	75	38	●	1	1	THN060175C	30,70
1000R 10 µ	75	38	●	1	1	THN060177C	30,70



Available accessories RGE see page119

## Diamond belts for power files

### Diaface PF

· PF diamond belts are used on power belt files for grinding and finishing of intricate profiles or difficult to reach areas



#### 330X10

#	Ld	T	Stock	Min.	Mult.	Code	€
200M 74μ	330	10	●	10	10	TN080023S90	15,50

### Moonflex PF

· PF diamond belts are used on power belt files for grinding and finishing of intricate profiles or difficult to reach areas



#### 520x20

#	Ld	T	Stock	Min.	Mult.	Code	€
120M 125μ	520	20	●	2	2	THN080152G90	60,00

## Diamond belts for power files

### Diaface PF

· PF diamond belts are used on power belt files for grinding and finishing of intricate profiles or difficult to reach areas



#### 520x20

#	Ld	T	Stock	Min.	Mult.	Code	€
120M 125 $\mu$	520	20	●	2	2	TN080152S90	48,80
200M 74 $\mu$	520	20	●	2	2	TN080153S90	42,20

#### 533x30

#	Ld	T	Stock	Min.	Mult.	Code	€
60M 250 $\mu$	533	30	●	2	2	TN080071S90	88,20
120M 125 $\mu$	533	30	●	2	2	TN080072S90	72,90
200M 74 $\mu$	533	30	●	2	2	TN080073S90	65,00

### Moonflex PF

· PF diamond belts are used on power belt files for grinding and finishing of intricate profiles or difficult to reach areas



#### 533x30

#	Ld	T	Stock	Min.	Mult.	Code	€
120M 125 $\mu$	533	30	●	2	2	THN080072G90	89,80

## Diamond belts for stationary grinding machines

## Diaface KT1

- Diamond belts for stationary machines
- They allow high stock removal and high-level finishing in extremely short times compared to corresponding diamond wheel machining system



## 2000x50

#	Ld	T	Stock	Min.	Mult.	Code	€
200M 74μ	2000	50	●	2	2	TN021593S10	354,20

## Moonflex KT1

- Diamond belts for stationary machines
- They allow high stock removal and high-level finishing in extremely short times compared to corresponding diamond wheel machining system



## 2400x100

#	Ld	T	Stock	Min.	Mult.	Code	€
60M 250μ	2.400	100	●	1	1	THN020321G10	1.177,40
120M 125μ	2.400	100	●	1	1	THN020322G10	961,70

## Diamond flap wheels with shank

### RL

- Combination flap wheel with diamond cloth and non-woven fabric flaps
- Highly flexible and conformable, it easily adapts to any required shape
- Available in multiple grits and suitable for use on a wide range of materials



#### Ø30x20

#	Ø	T	Y	Stock	Min.	Mult.	Code	€
120M 125µ	30	20	6	●	1	1	RL3020D120P	39,00
200M 74µ	30	20	6	●	1	1	RL3020D200P	39,00
400M 40µ	30	20	6	●	1	1	RL3020D400P	39,00

#### Ø60x30

#	Ø	T	Y	Stock	Min.	Mult.	Code	€
120M 125µ	60	30	6	●	1	1	RL6030D120P	66,00
200M 74µ	60	30	6	●	1	1	RL6030D200P	66,00
400M 40µ	60	30	6	●	1	1	RL6030D400P	66,00



## **DRY POLISHING PADS**

**Diamond flap discs**

**FASTLINE LM**

- Very high cutting speed on all materials
- A cup wheel performance combined with the easy of use of flap disc



**Ø115 H22,23**

#	Ø	H	Stock	Min.	Mult.	Code	€
50M	115	22,23	●	1	1	TFSD030010	72,50
60M	115	22,23	●	1	1	TFSD030011	59,00
120M	115	22,23	●	1	1	TFSD030012	59,00
200M	115	22,23	●	1	1	TFSD030013	59,00

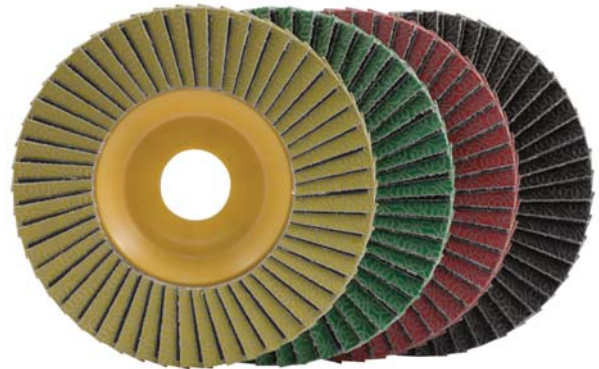


Available accessories LMFL see page118

## Diamond flap discs

### FASTLINE T

- Hybrid version with diamond and silicon carbide blades
- Better finish than LM model due to superior flexibility



#### Ø115 H22,23

#	Ø	H	Stock	Min.	Mult.	Code	€
60M	115	22,23	●	1	1	TFSD030021	45,50
120M	115	22,23	●	1	1	TFSD030022	45,50
200M	115	22,23	●	1	1	TFSD030023	45,50
400M	115	22,23	●	1	1	TFSD030024	45,50



Available accessories LMFL see page118

**Resin bonded Dryface QRS polishing pads**

**I-DIA MX**

- Latest generation of flexible diamond abrasives
- Very nice finishing on all materials
- Very competitive price



**Ø100 H15**

#	Ø	H	Stock	Min.	Mult.	Code	€
60	100	15	●	5	5	<b>MXD010011</b>	<b>6,30</b>
120	100	15	●	5	5	<b>MXD010012</b>	<b>6,30</b>
200	100	15	●	5	5	<b>MXD010013</b>	<b>6,30</b>
400	100	15	●	5	5	<b>MXD010014</b>	<b>6,30</b>
800	100	15	●	5	5	<b>MXD010015</b>	<b>6,30</b>
1.500	100	15	●	5	5	<b>MXD010016</b>	<b>6,30</b>
3.000	100	15	●	5	5	<b>MXD010017</b>	<b>6,30</b>
Set	100	15	●	1	1	<b>MXD010010</b>	<b>44,10</b>

**Ø115 H15**

#	Ø	H	Stock	Min.	Mult.	Code	€
60	115	15	●	5	5	<b>MXD010021</b>	<b>7,80</b>
120	115	15	●	5	5	<b>MXD010022</b>	<b>7,80</b>
200	115	15	●	5	5	<b>MXD010023</b>	<b>7,80</b>
400	115	15	●	5	5	<b>MXD010024</b>	<b>7,80</b>
800	115	15	●	5	5	<b>MXD010025</b>	<b>7,80</b>
1.500	115	15	●	5	5	<b>MXD010026</b>	<b>7,80</b>
3.000	115	15	●	5	5	<b>MXD010027</b>	<b>7,80</b>
Set	115	15	●	1	1	<b>MXD010020</b>	<b>54,60</b>



Available accessories PLA-QNR, PLA-QM, PLA-QS, PLA-QA, PLA-QR see page114

## Resin bonded Dryface QRS polishing pads

### I-DIA MX

- Latest generation of flexible diamond abrasives
- Very nice finishing on all materials
- Very competitive price



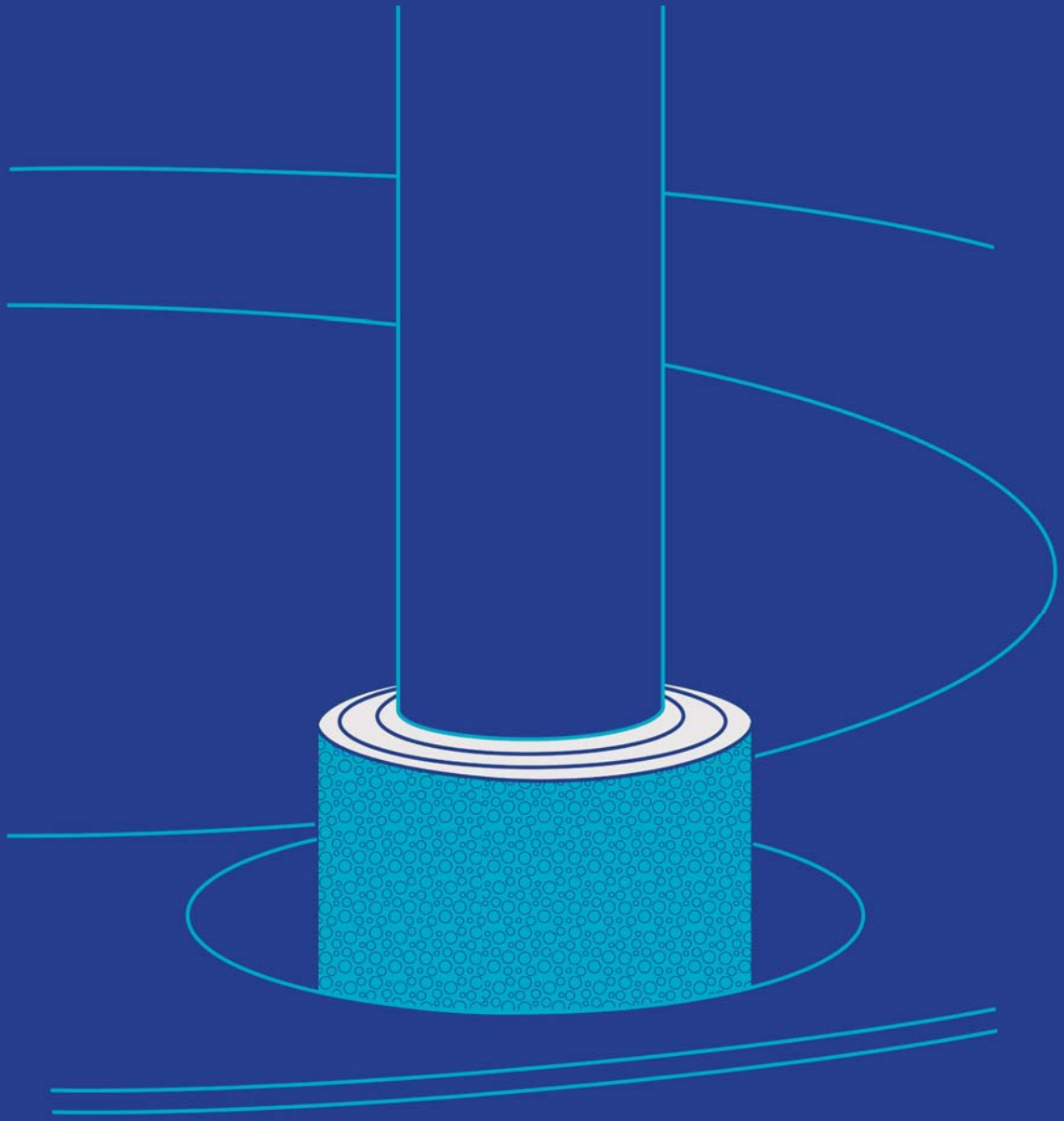
#### Ø125 H15

#	Ø	H	Stock	Min.	Mult.	Code	€
60	125	15	●	5	5	<b>MXD010031</b>	<b>9,30</b>
120	125	15	●	5	5	<b>MXD010032</b>	<b>9,30</b>
200	125	15	●	5	5	<b>MXD010033</b>	<b>9,30</b>
400	125	15	●	5	5	<b>MXD010034</b>	<b>9,30</b>
800	125	15	●	5	5	<b>MXD010035</b>	<b>9,30</b>
1.500	125	15	●	5	5	<b>MXD010036</b>	<b>9,30</b>
3.000	125	15	●	5	5	<b>MXD010037</b>	<b>9,30</b>
Set	125	15	●	1	1	<b>MXD010030</b>	<b>65,10</b>



Available accessories PLA-QNR, PLA-QM, PLA-QS, PLA-QA, PLA-QR see page 114



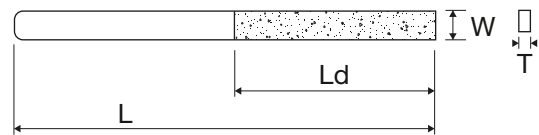


# **ELECTROPLATED DIAMOND TOOLS**

## Hand diamond files

### IF50

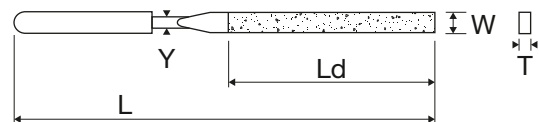
- Maxi hand files
- Coarse grit for fast stock removal



Ø	T	L	Ld	W	#	Stock	Min.	Mult.	Code	€
5	3,5	215	80	11	D151	●	1	1	IF501	29,70
	4,4	215	80	10,5	D151	●	1	1	IF502	29,70
		215	80		D151	●	1	1	IF503	29,70
	6,3	215	80	6,3	D151	●	1	1	IF504	29,70
		215	80	7,7	D151	●	1	1	IF505	29,70

### NO10

- Needle files with Ø3 mm shank
- Universal model available in 5 standard sizes
- NO10 code for assortment of 1 pc each for each shape

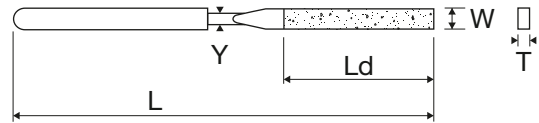
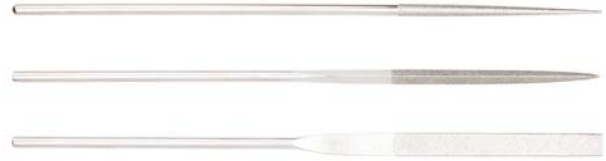


Ø	T	L	Ld	W	Y	#	Stock	Min.	Mult.	Code	€
3	1,5	140	70	5,5	3	D126	●	1	1	NO101	11,70
	2	140	70	5	3	D126	●	1	1	NO102	11,70
		140	70		3	D126	●	1	1	NO103	11,70
		140	70	2,5	3	D126	●	1	1	NO104	11,70
		140	70	3,5	3	D126	●	1	1	NO105	11,70
						Set	●	1	1	NO10	55,00

## Hand diamond files

### NO7

- Needle files with  $\varnothing 4$  mm shank
- Available in 5 standard sizes
- NO7 code for assortment of 1 pc each for each shape

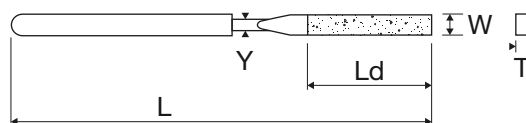


$\varnothing$	T	L	Ld	W	Y	#		Stock	Min.	Mult.	Code	€
4	1,6	200	70	8,5	4	D126		●	1	1	NO71	25,50
	2,5	200	70	7	4	D126		●	1	1	NO72	25,50
		200	70		4	D126		●	1	1	NO73	25,50
		200	70	3,5	4	D126		●	1	1	NO74	25,50
		200	70	4,5	4	D126		●	1	1	NO75	25,50
						Set		●	1	1	NO7	127,30

## Hand diamond files

### TF

- Needle files with  $\varnothing 3$  mm shank
- Available in three thicknesses for narrow gap filing



T	L	Ld	W	Y	#		Stock	Min.	Mult.	Code	€
0,5	140	40	5,5	3	D107		●	2	1	TF705	10,70
0,8	140	50	5,5	3	D107		●	2	1	TF708	10,70
1	140	50	5,5	3	D107		●	2	1	TF710	10,70

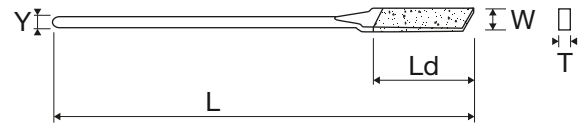


Available accessories XH see page121

## Hand diamond files

### PTF

- Conical diamond files
- Available in three standard grit sizes
- For ribbing and narrow gaps
- Assortment PTF10T contains 10 diamond files and a file holder in wooden box

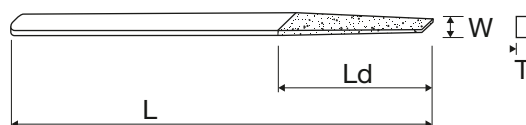


∅	T	T <sub>1</sub>	L	L <sub>d</sub>	W	Y	#		Stock	Min.	Mult.	Code	€
	1,6	0,4	130	30	2	3	D76		○	5	1	PTF12F	9,60
	1,6	0,4	130	30	2	3	D46		○	5	1	PTF12V	9,60
	1,6	0,4	130	30	2	3	D30		○	5	1	PTF12X	9,60
	1,5	0,4	130	30	4	3	D76		●	1	1	PTF14F	9,60
	1,5	0,4	130	30	4	3	D46		○	5	1	PTF14V	9,60
	1,5	0,4	130	30	4	3	D30		●	1	1	PTF14X	9,60
	1,4	0,4	130	30	6	3	D76		●	1	1	PTF16F	9,60
	1,4	0,4	130	30	6	3	D46		○	5	1	PTF16V	9,60
	1,4	0,4	130	30	6	3	D30		○	5	1	PTF16X	9,60
3			140	50		3	D30		○	5	1	PTF103X	9,60
							Set		●	1	1	PTF10T	168,60

## Hand diamond files

### CF

- Tapered diamond files
- Available in three standard grit sizes
- CF400 code for assortment of 1 pc each for each model

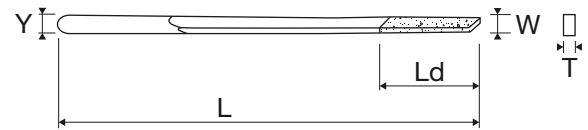


T	T <sub>1</sub>	L	Ld	W	#		Stock	Min.	Mult.	Code	€
1,5	0,4	180	40	2	D46		○	5	1	CF402V	8,90
1,5	0,4	180	40	2	D76		○	5	1	CF402F	8,90
1,5	0,4	180	40	2	D107		○	5	1	CF402J	8,90
2	0,5	180	50	4	D46		○	5	1	CF404V	9,80
2	0,5	180	50	4	D76		○	5	1	CF404F	9,80
2	0,5	180	50	4	D107		●	1	1	CF404J	9,80
2,5	0,5	180	50	6	D46		○	5	1	CF406V	11,50
2	0,5	180	50	6	D76		○	5	1	CF406F	11,50
2	0,5	180	50	6	D107		●	1	1	CF406J	11,50
2,5	0,5	180	50	8	D46		○	5	1	CF408V	12,40
2,5	0,5	180	50	8	D76		●	1	1	CF408F	12,40
2,5	0,5	180	50	8	D107		●	1	1	CF408J	12,40
					Set		●	1	1	CF400	127,30

## Machine diamond files

### MTF

· Tapered diamond files for reciprocating filing machines



T	T <sub>1</sub>	L	L <sub>d</sub>	W	Y	#		Stock	Min.	Mult.	Code	€
1,4	0,3	72	15	3	3	D46		○	5	1	MTF13V	11,70
1,4	0,3	72	15	3	3	D76		●	1	1	MTF13F	11,70
1,4	0,3	72	15	6	3	D30		○	5	1	MTF16X	11,70
1,4	0,3	72	15	6	3	D46		○	5	1	MTF16V	11,70
1,4	0,3	72	15	6	3	D76		●	1	1	MTF16F	11,70
1,4	0,3	56	15	3	3	D30		○	5	1	MTF23X	11,70
1,4	0,3	56	15	3	3	D46		○	5	1	MTF23V	11,70
1,4	0,3	56	15	3	3	D76		○	5	1	MTF23F	11,70
1,4	0,3	56	15	6	3	D46		○	5	1	MTF26V	11,70
1,4	0,3	56	15	6	3	D76		○	5	1	MTF26F	11,70
1,4	0,3	56	15	6	3	D30		○	5	1	MTF26X	11,70

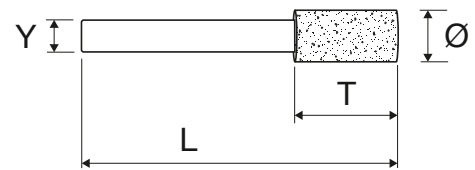


Available accessories XH see page121

Electroplated mounted points Ø2,35 mm shank

## DWA-2

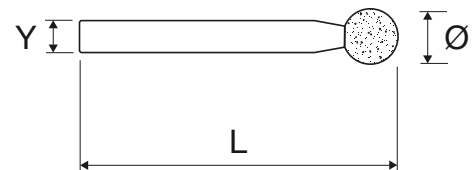
· Cylinder shape



Ø	T	L	Y	#	Stock	Min.	Mult.	Code	€
1,9	7	45	2,35	D126	●	10	10	BH19A	2,70
2,4	7	45	2,35	D126	●	10	10	BH24A	2,70

## DWB-2

· Ball shape

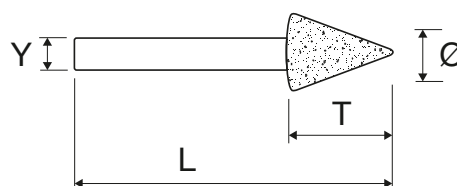


Ø	L	Y	#	Stock	Min.	Mult.	Code	€
1	45	2,35	D107	●	10	10	D1	2,70
2	45	2,35	D126	●	10	10	BH20B	2,70
3	45	2,35	D126	●	10	10	D3	3,40
4	45	2,35	D126	●	10	10	D4	3,90

Electroplated mounted points Ø2,35 mm shank

## DWP-2

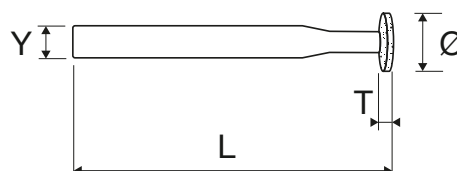
· Cone shape



Ø	T	L	Y	#	Stock	Min.	Mult.	Code	€
1,5	10	45	2,35	D126	●	10	10	1R	2,70
1,8	10	45	2,35	D126	●	10	10	BH18P	2,70
2,4	12	45	2,35	D126	●	10	10	BH24P	2,70
4,2	6	45	2,35	D126	●	10	10	BH42P	3,90

## DWE-2

· Disc

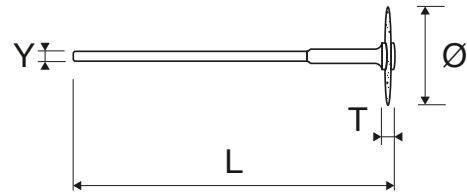


Ø	T	L	Y	#	Stock	Min.	Mult.	Code	€
5	0,6	45	2,35	D126	●	10	10	K30	3,30
6	0,5	45	2,35	D151	●	10	10	K35	3,70
10	0,5	45	2,35	D151	●	10	10	K45	7,10
12	0,6	45	2,35	D151	●	10	10	K55	7,00

Electroplated mounted points Ø2,35 mm shank

## DWY-2

· Disc with mandrel



Ø	T	L	Y	H	#	Stock	Min.	Mult.	Code	€
22	0,45	45	2,35	20	D107	●	5	5	88A	24,30

## DW-2-SET

· Set of 20 pcs  
· Ø2,35 shank



Y	#	Stock	Min.	Mult.	Code	€
2,35	D126	●	1	1	BHS20	55,60

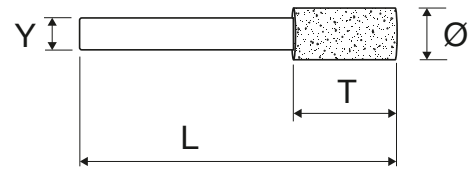


SET INFO

## Electroplated mounted points Ø3 mm shank

### DWA-3

· Cylinder shape

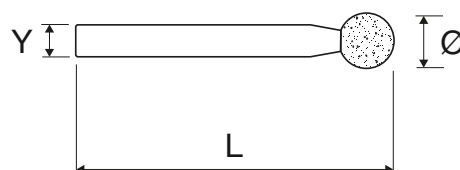


Ø	T	L	Y	#	Stock	Min.	Mult.	Code	€
1	8	45	3	D107	●	10	10	DA10	2,60
3	10	45	3	D126	●	10	10	DA30	2,60
4	10	45	3	D126	●	10	10	DA40	3,20
1,5	8	45	3	D107	●	10	10	DA15	2,60
2	8	45	3	D126	●	10	10	DA20	2,60
2,5	8	45	3	D126	●	10	10	DA25	2,60
3,5	10	45	3	D126	●	10	10	DA35	2,60
5	10	45	3	D126	●	10	10	DA50	3,60
6	10	45	3	D151	●	10	10	DA60	4,20

Electroplated mounted points Ø3 mm shank

## DWB-3

· Ball shape

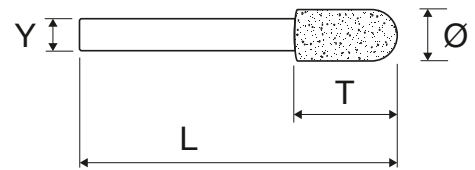


Ø	L	Y	#	Stock	Min.	Mult.	Code	€
1	45	3	D76	●	10	10	DB10	2,60
1,5	45	3	D107	●	10	10	DB15	2,60
2	45	3	D107	●	10	10	DB20	2,60
3	45	3	D126	●	10	10	DB30	2,60
4	45	3	D126	●	10	10	DB40	3,20
5	45	3	D151	●	10	10	DB50	3,60
6	45	3	D151	●	10	10	DB60	4,20
8	45	3	D151	●	10	10	DB80	6,40

## Electroplated mounted points Ø3 mm shank

### DWC-3

· Cylindrical shape with radius end

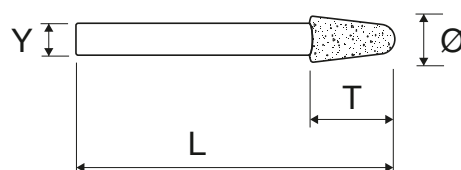


Ø	T	L	Y	#	Stock	Min.	Mult.	Code	€
1	8	45	3	D107	●	10	10	DC10	2,60
1,5	8	45	3	D107	●	10	10	DC15	2,60
2	8	45	3	D126	●	10	10	DC20	2,60
2,5	8	45	3	D126	●	10	10	DC25	2,60
3	10	45	3	D126	●	10	10	DC30	2,60
3,5	10	45	3	D126	●	10	10	DC35	2,60
4	10	45	3	D126	●	10	10	DC40	3,20
5	10	45	3	D126	●	10	10	DC50	3,60
6	10	45	3	D151	●	10	10	DC60	4,20

## Electroplated mounted points Ø3 mm shank

### DWF-3

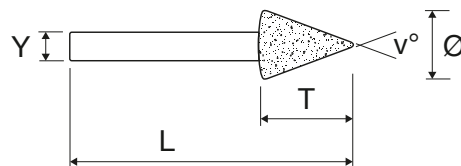
· Tree shape with radius end



Ø	T	L	Y	#	Stock	Min.	Mult.	Code	€
2	10	45	3	D126	●	10	10	DF20	2,60
3	12	45	3	D126	●	10	10	DF30	2,60
4	10	45	3	D126	●	10	10	DF40	3,20
5	10	45	3	D126	●	10	10	DF50	3,60
6	12	45	3	D151	●	10	10	DF60	4,20

### DWP-3

· Cone shape

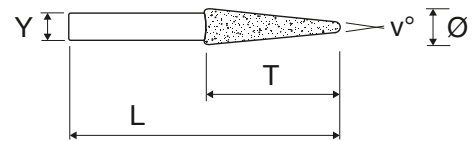


Ø	T	v°	L	Y	#	Stock	Min.	Mult.	Code	€
2	12	7	45	3	D126	●	10	10	DP20	2,60
3	15	11	45	3	D126	●	10	10	DP30	2,60
4	15	14	45	3	D126	●	10	10	DP40	3,20
5	15	18	45	3	D126	●	10	10	DP50	3,60
6	13	25	45	3	D151	●	10	10	DP60	4,20

## Electroplated mounted points Ø3 mm shank

### DWR-3

· Cone shape with radius end

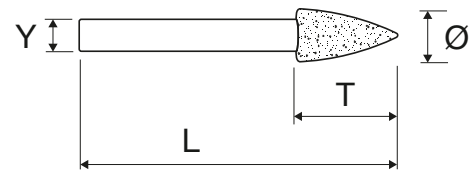


Ø	T	v°	L	Y	#	Stock	Min.	Mult.	Code	€
1,2	16	3	45	3	D107	●	10	10	DR13	2,60
1,5	13	3	45	3	D107	●	10	10	DR14	2,60
1,5	10	4	45	3	D107	●	10	10	DR15	2,60
2	12	5	45	3	D126	●	10	10	DR20	2,60
3	14	8	45	3	D126	●	10	10	DR30	2,60
3,3	15		45	3	D126	●	10	10	DR31	2,60
3,3	10		45	3	D126	●	10	10	DR32	2,60

## Electroplated mounted points Ø3 mm shank

### DWJ-3

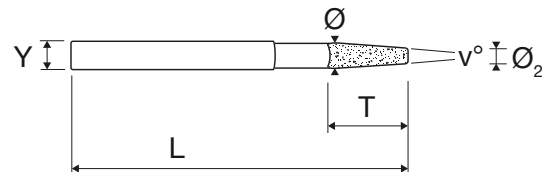
· Tree shape Pointed end



Ø	T	L	Y	#	Stock	Min.	Mult.	Code	€
2	6	45	3	D126	●	10	10	DJ20	2,60
3	14	45	3	D126	●	10	10	DJ30	2,60
4	9	45	3	D126	●	10	10	DJ40	3,20
5	10	45	3	D126	●	10	10	DJ50	3,60
6	10	45	3	D151	●	10	10	DJ60	4,20

### DWT-3

· Cone shape flat end

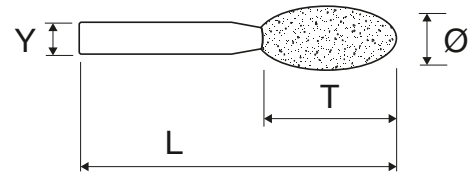


Ø	Ø <sub>2</sub>	T	v°	L	Y	#	Stock	Min.	Mult.	Code	€
2	1	10	3	45	3	D126	●	10	10	DT20	2,60
3	2	10	3	45	3	D126	●	10	10	DT30	2,60

## Electroplated mounted points Ø3 mm shank

### DWQ-3

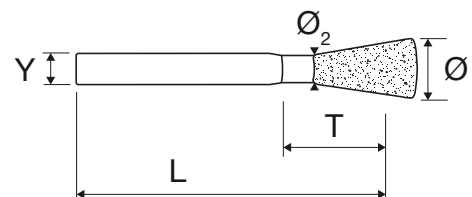
· Oval shape



Ø	T	L	Y	#	Stock	Min.	Mult.	Code	€
3	5	45	3	D126	●	10	10	DQ30	2,60
4	7	45	3	D126	●	10	10	DQ40	3,20
5	9	45	3	D151	●	10	10	DQ50	3,60
6	10	45	3	D151	●	10	10	DQ60	4,20

### DWV-3

· Inverted cone shape

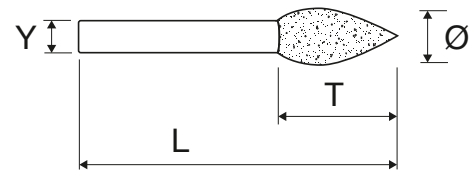


Ø	Ø <sub>2</sub>	T	L	Y	#	Stock	Min.	Mult.	Code	€
3	2,5	10	45	3	D126	●	10	10	DV30	2,60

## Electroplated mounted points Ø3 mm shank

### DWS-3

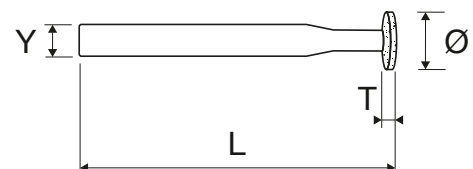
· Flame shape



Ø	T	L	Y	#	Stock	Min.	Mult.	Code	€
3	6	45	3	D126	●	10	10	DS30	2,60
4	8	45	3	D126	●	10	10	DS40	3,20
5	9,2	45	3	D151	●	10	10	DS50	3,60
6	12	45	3	D151	●	10	10	DS60	4,20

### DWE-3

· Disc

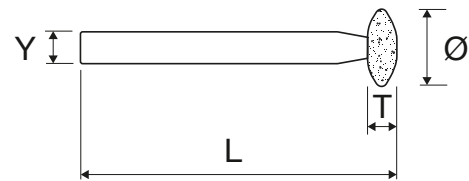


Ø	T	L	Y	#	Stock	Min.	Mult.	Code	€
13	1	45	3	D126	●	10	10	DE1310	8,80
13	2	45	3	D126	●	10	10	DE1320	8,80
13	3	45	3	D126	●	10	10	DE1330	8,80
13	4	45	3	D126	●	10	10	DE1340	8,80

Electroplated mounted points Ø3 mm shank

## DWX-3

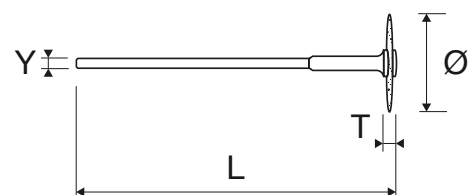
· Lens shape



Ø	T	L	Y	#	Stock	Min.	Mult.	Code	€
13	2	45	3	D126	●	10	10	DX130	8,80

## DWY-3

· Disc with mandrel



Ø	T	L	Y	#	Stock	Min.	Mult.	Code	€
22	0,5	45	3	D107	●	5	5	DY220	21,90

Electroplated mounted points Ø3 mm shank

## DW-3-SET

- Set of 30 pcs
- Ø3 shank



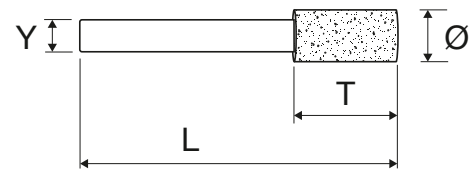
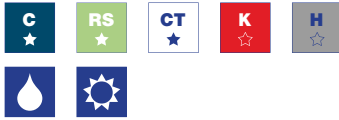
Y	#	Stock	Min.	Mult.	Code	€
3	D126	●	1	1	BMS30	71,70



## Electroplated mounted points Ø6 mm shank

### DWA-6

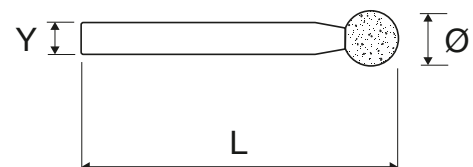
· Cylinder shape



Ø	T	L	Y	#	Stock	Min.	Mult.	Code	€
6,5	15	60	6	D427	●	2	2	DWA001E3DCC	13,40
8	15	60	6	D427	●	2	2	DWA002E3DCC	15,10
10	10	60	6	D427	●	2	2	DWA003E3DCC	19,70
10	19	60	6	D427	●	2	2	DWA004E3DCC	19,70
10	32	60	6	D427	●	1	1	DWA006E3DCC	22,30
18	26	60	6	D427	●	1	1	DWA007E3DCC	39,50

### DWB-6

· Ball shape

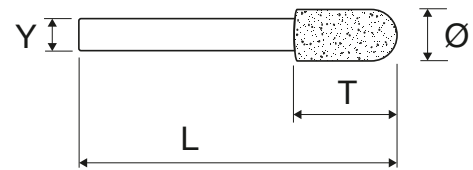
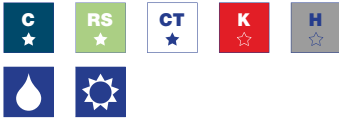


Ø	L	Y	#	Stock	Min.	Mult.	Code	€
8	60	6	D427	●	2	2	DWB001E3DCC	15,10
6	60	6	D427	●	2	2	DWB002E3DCC	13,50
10	60	6	D427	●	2	2	DWB003E3DCC	19,70
16	60	6	D427	●	1	1	DWB005E3DCC	30,40
20	60	6	D427	●	1	1	DWB006E3DCC	36,40

## Electroplated mounted points Ø6 mm shank

### DWC-6

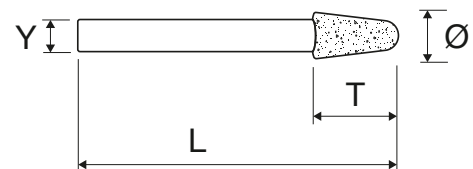
· Cylindrical shape with radius end



Ø	T	L	Y	#	Stock	Min.	Mult.	Code	€
6,5	15	60	6	D427	●	2	2	DWC001E3DCC	13,70
6	32	65	6	D427	●	2	2	DWC002E3DCC	15,10
8	15	60	6	D427	●	2	2	DWC003E3DCC	15,10
10	19	60	6	D427	●	2	2	DWC004E3DCC	19,70

### DWF-6

· Tree shape with radius end

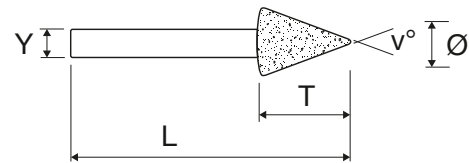
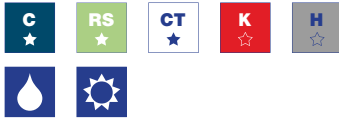


Ø	T	L	Y	#	Stock	Min.	Mult.	Code	€
6,5	22	60	6	D427	●	2	2	DWF001E3DCC	15,10
8	15	60	6	D427	●	2	2	DWF002E3DCC	15,90
10	19	60	6	D427	●	2	2	DWF003E3DCC	19,70

## Electroplated mounted points Ø6 mm shank

### DWP-6

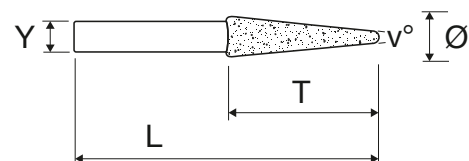
· Cone shape



Ø	T	v°	L	Y	#	Stock	Min.	Mult.	Code	€
6	12	28	60	6	D427	●	2	2	DWP001E3DCC	12,20
6	15	23	60	6	D427	●	2	2	DWP002E3DCC	12,20
8	15	30	60	6	D427	●	2	2	DWP003E3DCC	15,10
10	20	28	60	6	D427	●	2	2	DWP004E3DCC	19,70
10	38	15	60	6	D427	●	1	1	DWP005E3DCCG	30,60
15	25	33	60	6	D427	●	1	1	DWP006E3DCC	28,80

### DWR-6

· Cone shape with radius end

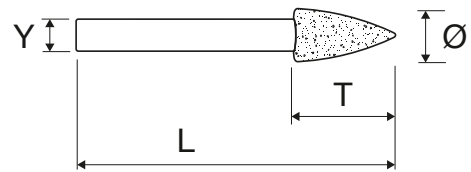
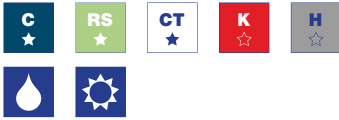


Ø	T	v°	L	Y	#	Stock	Min.	Mult.	Code	€
6,5	25	10	60	6	D427	●	2	2	DWR001E3DCC	15,10
14	18	43	60	6	D427	●	2	2	DWR005E3DCC	30,40
16	18	48	60	6	D427	●	2	2	DWR006E3DCC	30,40

## Electroplated mounted points Ø6 mm shank

### DWJ-6

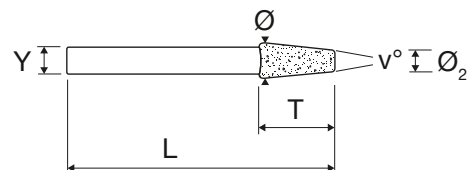
· Tree shape Pointed end



Ø	T	L	Y	#	Stock	Min.	Mult.	Code	€
10	19	60	6	D427	●	2	2	DWJ001E3DCC	19,70

### DWT-6

· Cone shape flat end

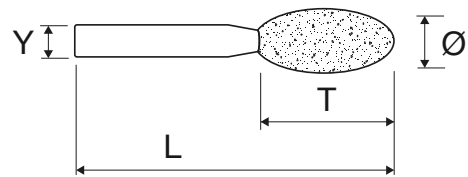
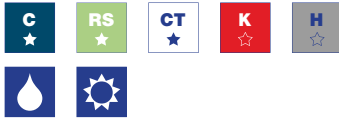


Ø	Ø <sub>2</sub>	T	v°	L	Y	#	Stock	Min.	Mult.	Code	€
8	4	15	15	60	6	D427	●	2	2	DWT001E3DCC	15,10

## Electroplated mounted points Ø6 mm shank

### DWQ-6

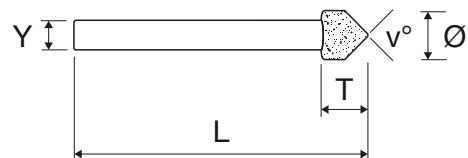
· Oval shape



Ø	T	L	Y	#	Stock	Min.	Mult.	Code	€
6	13	60	6	D427	●	2	2	DWQ001E3DCC	12,20
9	18	60	6	D427	●	2	2	DWQ002E3DCC	18,20
10	16	60	6	D427	●	2	2	DWQ003E3DCC	19,60
12	25	60	6	D427	●	2	2	DWQ004E3DCC	27,80
15	29	60	6	D427	●	2	2	DWQ005E3DCCD	41,20

### DWN-6

· Cylinder shape with cone end

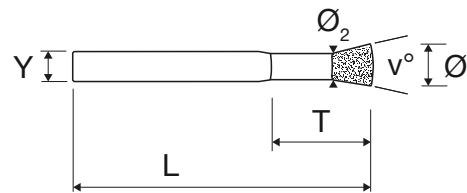


Ø	T	v°	L	Y	#	Stock	Min.	Mult.	Code	€
10	9	90	70	6	D427	●	2	2	DWN001E3DCC	15,90

## Electroplated mounted points Ø6 mm shank

### DWV-6

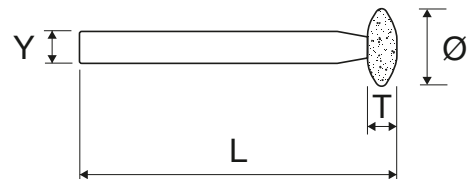
· Inverted cone shape



Ø	Ø <sub>2</sub>	T	v°	L	Y	#	Stock	Min.	Mult.	Code	€
8	4	5	40	60	6	D427	●	2	2	DWV001E3DCC	15,10
14	8	18	20	60	6	D427	●	2	2	DWV003E3DCC	31,80

### DWX-6

· Lens shape

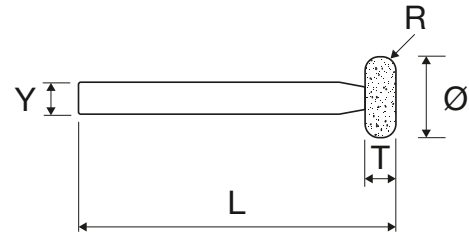
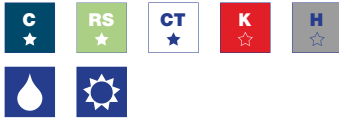


Ø	T	L	Y	#	Stock	Min.	Mult.	Code	€
25	5	60	6	D427	●	1	1	DWX001E3DCC	45,50

Electroplated mounted points Ø6 mm shank

## DWU-6

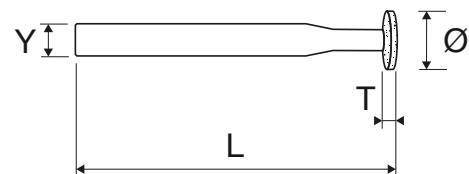
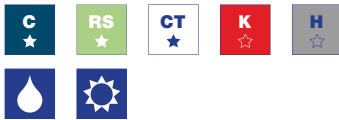
· Disc with radius end



Ø	T	L	R	Y	#	Stock	Min.	Mult.	Code	€
25	5	60	2.5	6	D427	●	1	1	DWU001E3DCC	42,60

## DWE-6

· Disc



Ø	T	L	Y	#	Stock	Min.	Mult.	Code	€
10	2	60	6	D427	●	2	2	DWE001E3DCC	15,10

Electroplated mounted points Ø6 mm shank

## DW-6-SET

- Set of 10 pcs
- Ø6 shank



Y	#	Stock	Min.	Mult.	Code	€
6	D427	●	1	1	BMS10	151,00



Electroplated discs Ø6 mm bore

## EDC-6

· Cutting blades



Ø	T	W	H	#	Stock	Min.	Mult.	Code	€
25	1,7	3	6	D427	●	3	1	EDC025A	10,50
40	1,7	3	6	D427	●	3	1	EDC040A	16,00
50	1,7	3	6	D427	●	3	1	EDC050A	19,00
65	1,7	3	6	D427	●	2	1	EDC065A	24,50

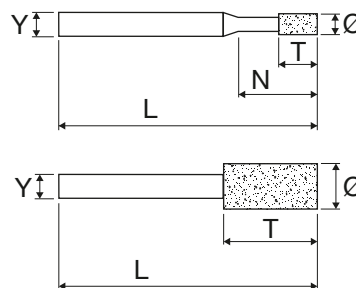


Available accessories AL6 see page120

## Internal grinding wheels

### DI

- Precision tools made with hardened and ground shank
- Used for machining carbides, ceramics, ferrite

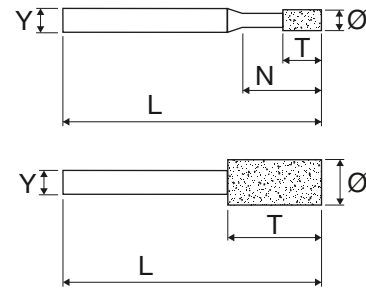


Ø	T	L	N	Y	#	Stock	Min.	Mult.	Code	€
0,4	2	45	5	3	D46	●	2	2	DI3004	16,90
0,5	2	45	5	3	D46	●	2	2	DI3005	16,90
0,6	3	45	5	3	D76	●	2	2	DI3006	16,90
0,7	3	45	8	3	D76	●	2	2	DI3007	16,90
0,8	3	45	8	3	D76	●	2	2	DI3008	13,80
0,9	3	45	8	3	D76	●	2	2	DI3009	13,80
1	5	45	8	3	D76	●	2	2	DI3010	13,80
1,5	5	45	8	3	D107	●	2	2	DI3015	13,80
2	5	45	12	3	D107	●	2	2	DI3020	13,80
2,5	5	45	15	3	D107	●	2	2	DI3025	13,80
3	5	45	15	3	D107	●	2	2	DI3030	13,80
4	10	80	22	6	D151	●	2	2	DI6040	13,80
5	10	80	22	6	D151	●	2	2	DI6050	13,80
6	10	80	22	6	D151	●	2	2	DI6060	13,80
8	10	80		6	D151	●	2	2	DI6080	16,90
10	10	80		6	D151	●	2	2	DI6100	21,00
12	10	80		6	D151	●	2	2	DI6120	24,90

## Internal grinding wheels

### BI

- Precision tools made with hardened and ground shank
- Used for machining HSS and hardened steels in general

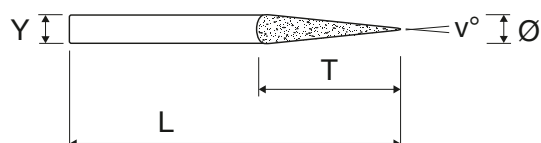


Ø	T	L	N	Y	#	Stock	Min.	Mult.	Code	€
0,9	3	45	8	3	B76	●	2	2	BI3009	15,90
1	5	45	8	3	B76	●	2	2	BI3010	15,90
1,5	5	45	8	3	B107	●	2	2	BI3015	15,90
2	5	45	12	3	B107	●	2	2	BI3020	15,90
3	5	45	15	3	B107	●	2	2	BI3030	15,90
4	10	80	22	6	B151	●	2	2	BI6040	15,90
5	10	80	22	6	B151	●	2	2	BI6050	15,90
6	10	80	22	6	B151	●	2	2	BI6060	15,90
8	10	80		6	B151	●	2	2	BI6080	19,40
10	10	80		6	B151	●	2	2	BI6100	24,20

## Taper diamond pins for drawing dies

## DWP-3DIE

- Pin mounted grinding wheels used to regenerate the profile on wire drawing dies
- Available with various angles and standard grit sizes

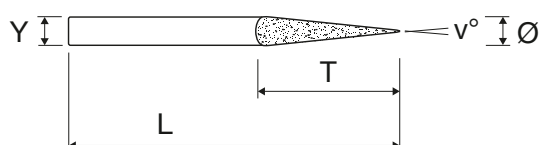


Ø	v°	L	Y	#	Stock	Min.	Mult.	Code	€
3	6	70	3	D64	○	30	5	DWP028E3DKBG	9,30
3	8	70	3	D91	○	30	5	DWP029E3DIBG	9,30
3	8	70	3	D64	○	30	5	DWP029E3DKBG	9,30
3	8	70	3	D46	○	30	5	DWP029E3DMBG	9,30
3	10	70	3	D126	○	30	5	DWP030E3DGBG	9,30
3	10	70	3	D91	○	30	5	DWP030E3DIBG	9,30
3	10	70	3	D64	○	30	5	DWP030E3DKBG	9,30
3	10	70	3	D46	○	30	5	DWP030E3DMBG	9,30
3	12	70	3	D91	○	30	5	DWP031E3DIBG	9,30
3	12	70	3	D64	○	30	5	DWP031E3DKBG	9,30
3	12	70	3	D46	○	30	5	DWP031E3DMBG	9,30
3	14	70	3	D64	○	30	5	DWP032E3DKBG	9,30
3	14	70	3	D46	○	30	5	DWP032E3DMBG	9,30

## Taper diamond pins for drawing dies

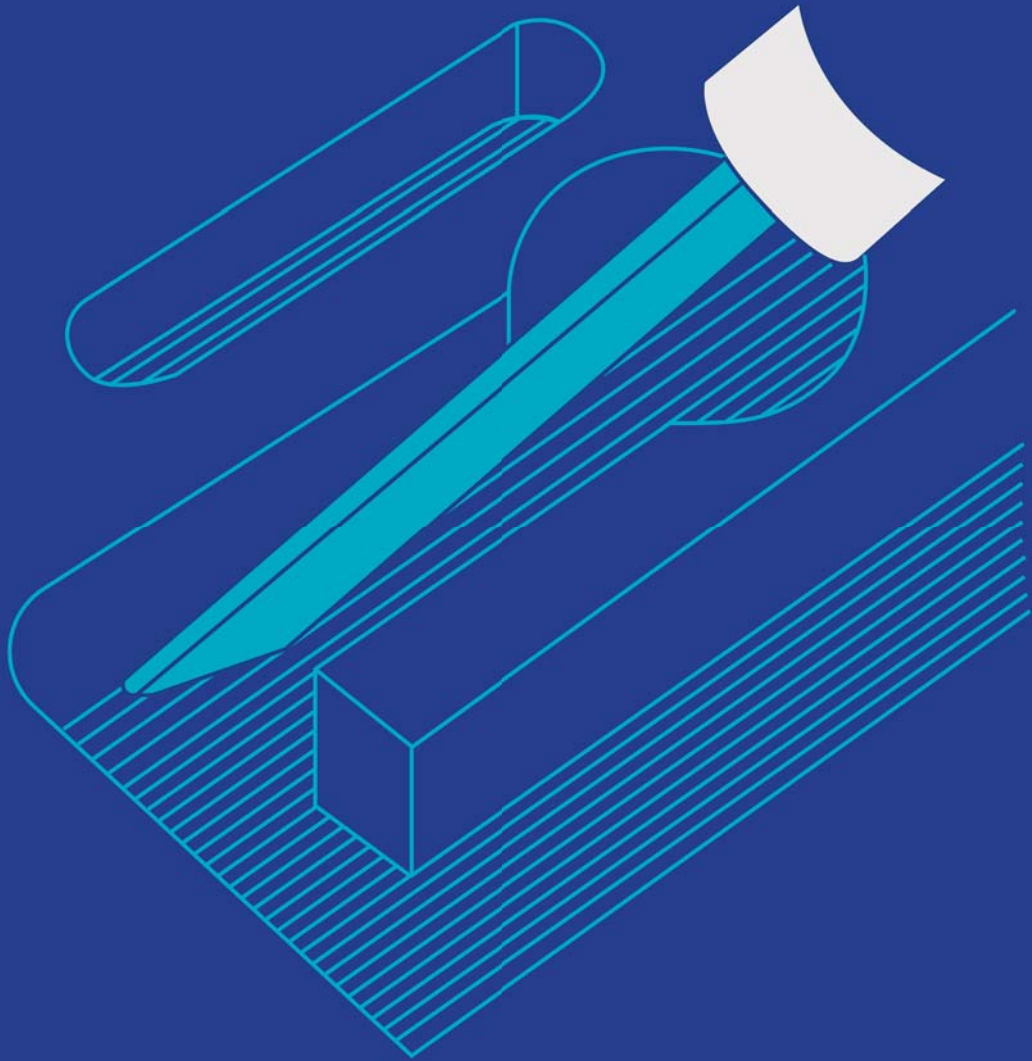
## DWP-6DIE

- Pin mounted grinding wheels used to regenerate the profile on wire drawing dies
- Available with various angles and standard grit sizes



Ø	v°	L	Y	#	Stock	Min.	Mult.	Code	€
6	6	100	6	D91	○	30	5	DWP033E3DICH	16,80
6	6	100	6	D64	○	30	5	DWP033E3DKCH	16,80
6	6	100	6	D46	○	30	5	DWP033E3DMCH	16,80
6	8	100	6	D91	○	30	5	DWP034E3DICH	16,80
6	8	100	6	D64	○	30	5	DWP034E3DKCH	16,80
6	8	100	6	D46	○	30	5	DWP034E3DMCH	16,80
6	9	100	6	D64	○	30	5	DWP035E3DKCH	16,80
6	10	100	6	D126	○	30	5	DWP036E3DGCH	16,80
6	10	100	6	D107	○	30	5	DWP036E3DHCH	16,80
6	10	100	6	D91	○	30	5	DWP036E3DICH	16,80
6	10	100	6	D64	○	30	5	DWP036E3DKCH	16,80
6	10	100	6	D46	○	30	5	DWP036E3DMCH	16,80
6	12	100	6	D126	○	30	5	DWP037E3DGCH	16,80
6	12	100	6	D91	○	30	5	DWP037E3DICH	16,80
6	12	100	6	D64	○	30	5	DWP037E3DKCH	16,80
6	12	100	6	D46	○	30	5	DWP037E3DMCH	16,80
6	18	100	6	D64	○	30	5	DWP038E3DKCH	16,80
6	18	100	6	D46	○	30	5	DWP038E3DMCH	16,80
6	14	100	6	D126	○	30	5	DWP039E3DGCH	16,80
6	14	100	6	D64	○	30	5	DWP039E3DKCH	16,80
6	14	100	6	D46	○	30	5	DWP039E3DMCH	16,80
6	16	100	6	D64	○	30	5	DWP040E3DKCH	16,80
6	16	100	6	D46	○	30	5	DWP040E3DMCH	16,80
6	20	100	6	D46	○	30	5	DWP041E3DMCH	16,80



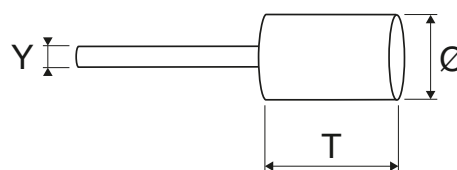


# POLISHING TOOLS

Elastic bonded mounted point

# Cerapoint

- High quality finishing in reduced time
- Works steel, stainless steel, precious metals
- Self sharpening-long life



### Ø4x13

#	Ø	T	Y	Stock	Min.	Mult.	Code	€
80	4	13	3	●	10	10	M04130080	6,20
120	4	13	3	●	10	10	M04130120	6,20
220	4	13	3	●	10	10	M04130220	6,20

### Ø5x15

#	Ø	T	Y	Stock	Min.	Mult.	Code	€
80	5	15	3	●	10	10	M05150080	6,20
120	5	15	3	●	10	10	M05150120	6,20
220	5	15	3	●	10	10	M05150220	6,20

### Ø6x17

#	Ø	T	Y	Stock	Min.	Mult.	Code	€
80	6	17	3	●	10	10	M06170080	6,20
120	6	17	3	●	10	10	M06170120	6,20
220	6	17	3	●	10	10	M06170220	6,20

### Ø8x13

#	Ø	T	Y	Stock	Min.	Mult.	Code	€
80	8	13	3	●	10	10	M08130080	6,20
120	8	13	3	●	10	10	M08130120	6,20
220	8	13	3	●	10	10	M08130220	6,20

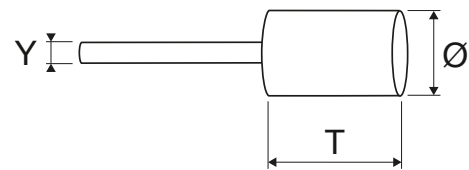
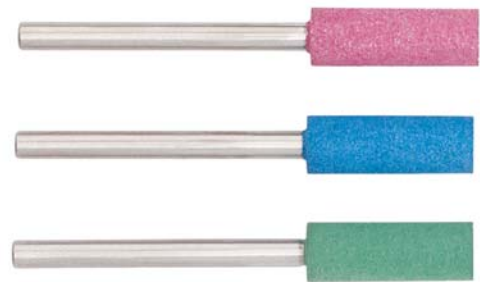
### Ø8x20

#	Ø	T	Y	Stock	Min.	Mult.	Code	€
80	8	20	3	●	10	10	M08200080	6,20
120	8	20	3	●	10	10	M08200120	6,20
220	8	20	3	●	10	10	M08200220	6,20

Elastic bonded mounted point

# Cerapoint

- High quality finishing in reduced time
- Works steel, stainless steel, precious metals
- Self sharpening-long life



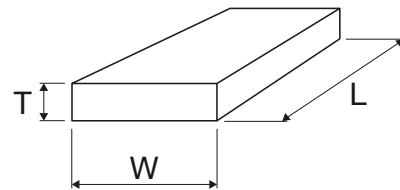
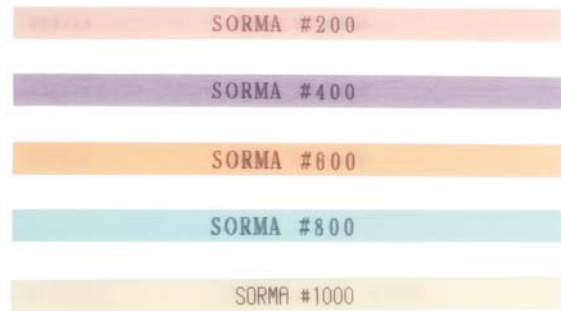
Ø10x20

#	Ø	T	Y	Stock	Min.	Mult.	Code	€
80	10	20	3	●	10	10	M10200080	6,20
120	10	20	3	●	10	10	M10200120	6,20
220	10	20	3	●	10	10	M10200220	6,20

Nanofiber ceramic stones

# NFM R

- Nanofiber stones for polishing
- Excellent to remove EDM scales
- Can be used manually or on portable lapping machines



### 1x4x100

#	T	W	L	Stock	Min.	Mult.	Code	€
150	1	4	100	●	2	1	NFM150-002	14,00
200	1	4	100	●	2	1	NFM200-002	14,00
400	1	4	100	●	2	1	NFM400-002	14,00
600	1	4	100	●	2	1	NFM600-002	14,00
800	1	4	100	●	2	1	NFM800-002	14,00
1000	1	4	100	●	2	1	NFM1000-002	14,00

### 1x6x100

#	T	W	L	Stock	Min.	Mult.	Code	€
150	1	6	100	●	2	1	NFM150-003	21,00
200	1	6	100	●	2	1	NFM200-003	21,00
400	1	6	100	●	2	1	NFM400-003	21,00
600	1	6	100	●	2	1	NFM600-003	21,00
800	1	6	100	●	2	1	NFM800-003	21,00
1000	1	6	100	●	2	1	NFM1000-003	21,00

### 1x10x100

#	T	W	L	Stock	Min.	Mult.	Code	€
150	1	10	100	●	1	1	NFM150-004	28,00
200	1	10	100	●	1	1	NFM200-004	28,00
400	1	10	100	●	1	1	NFM400-004	28,00
600	1	10	100	●	1	1	NFM600-004	28,00
800	1	10	100	●	1	1	NFM800-004	28,00
1000	1	10	100	●	1	1	NFM1000-004	28,00

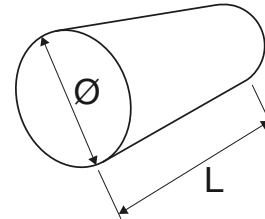


Available accessories CSH see page 122

Nanofiber ceramic stones

# NFM T

- Nanofiber stones for polishing
- Max speed 30.000 rpm



### Ø3x50

#	Ø	L	Stock	Min.	Mult.	Code	€
150	3	50	●	2	1	NFM150-006	14,00
200	3	50	●	2	1	NFM200-006	14,00
400	3	50	●	2	1	NFM400-006	14,00
600	3	50	●	2	1	NFM600-006	14,00
800	3	50	●	2	1	NFM800-006	14,00
1000	3	50	●	2	1	NFM1000-006	14,00

### Ø3x100

#	Ø	L	Stock	Min.	Mult.	Code	€
150	3	100	●	1	1	NFM150-007	28,00
200	3	100	●	1	1	NFM200-007	28,00
400	3	100	●	1	1	NFM400-007	28,00
600	3	100	●	1	1	NFM600-007	28,00
800	3	100	●	1	1	NFM800-007	28,00
1000	3	100	●	1	1	NFM1000-007	28,00

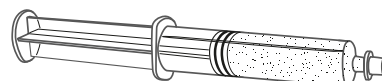


Available accessories XH see page 121

Diamond compound

# OM-M5

- Medium concentration
- Superior micro-finishes on precision parts, moulds, wire dies and other hard surfaces
- Water and oil soluble



5 g

#	█	Stock	Min.	Mult.	Code	€
1 μ	5	●	1	1	PD001OM5M	22,50
3 μ	5	●	1	1	PD003OM5M	22,50
6 μ	5	●	1	1	PD006OM5M	22,50
9 μ	5	●	1	1	PD009OM5M	22,50
15 μ	5	●	1	1	PD015OM5M	22,50
30 μ	5	●	1	1	PD030OM5M	24,00
45 μ	5	●	1	1	PD045OM5M	25,00
60 μ	5	●	1	1	PD060OM5M	25,00
90 μ	5	●	1	1	PD090OM5M	25,00

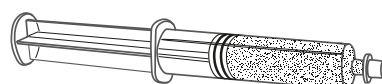


Available accessories AB-A, AB-C, AB-J, AB-B, AB-R, AB-H, AB-T see page 97

Diamond compound

# OM-F5

- Heavy concentration, reduces polishing time
- Superior micro-finishes on precision parts, moulds, wire dies and other hard surfaces
- Water and oil soluble



5 g

#	█	Stock	Min.	Mult.	Code	€
1 μ	5	●	1	1	PD001OM5F	29,50
3 μ	5	●	1	1	PD003OM5F	29,50
6 μ	5	●	1	1	PD006OM5F	29,50
9 μ	5	●	1	1	PD009OM5F	29,50
15 μ	5	●	1	1	PD015OM5F	29,50
30 μ	5	●	1	1	PD030OM5F	31,40
45 μ	5	●	1	1	PD045OM5F	32,70
60 μ	5	●	1	1	PD060OM5F	32,70
90 μ	5	●	1	1	PD090OM5F	32,70



Available accessories AB-A, AB-C, AB-J, AB-B, AB-R, AB-H, AB-T see page 97

Diamond compound

# OM-M50

- Medium concentration
- Superior micro-finishes on precision parts, moulds, wire dies and other hard surfaces
- Water and oil soluble



50 g

#	Icon	Stock	Min.	Mult.	Code	€
1 μ	50	●	1	1	PD001OM50M	130,00
3 μ	50	●	1	1	PD003OM50M	130,00
6 μ	50	●	1	1	PD006OM50M	130,00
9 μ	50	●	1	1	PD009OM50M	130,00
15 μ	50	●	1	1	PD015OM50M	130,00
30 μ	50	●	1	1	PD030OM50M	130,00

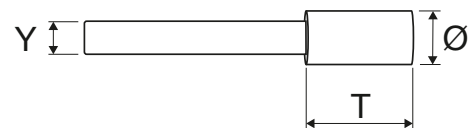


Available accessories AB-A, AB-C, AB-J, AB-B, AB-R, AB-H, AB-T see page 97

Felt bobs

## AB-A

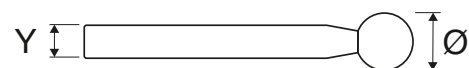
- Felt bobs for mould finishing with diamond compound
- Suggested for medium-fine grits from 1 up to 15 micron



Ø	T	Y	Stock	Min.	Mult.	Code	€
4	8	3	●	10	10	AB0408A	1,65
5	9	3	●	10	10	AB0509A	1,65
6	10	3	●	10	10	AB0610A	1,65
8	10	3	●	10	10	AB0810A	1,65
10	14	3	●	10	10	AB1014A	1,85
12	20	3	●	10	10	AB1220A	2,10
20	20	3	●	10	10	AB2020A	2,80

## AB-B

- Felt bobs for mould finishing with diamond compound
- Suggested for medium-fine grits from 1 up to 15 micron

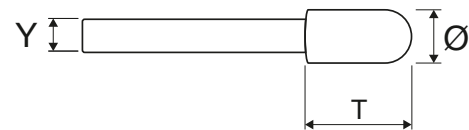


Ø	Y	Stock	Min.	Mult.	Code	€
8	3	●	10	10	AB08B	1,65
10	3	●	10	10	AB10B	1,85
12	3	●	10	10	AB12B	2,10
18	3	●	10	10	AB18B	2,35

Felt bobs

**AB-C**

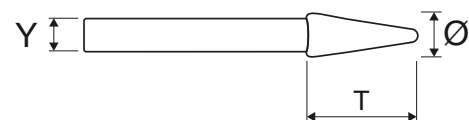
- Felt bobs for mould finishing with diamond compound
- Suggested for medium-fine grits from 1 up to 15 micron



Ø	T	Y	Stock	Min.	Mult.	Code	€
4	8	3	●	10	10	AB0408C	1,65
5	9	3	●	10	10	AB0509C	1,65
6	10	3	●	10	10	AB0610C	1,65
8	10	3	●	10	10	AB0810C	1,65
10	13	3	●	10	10	AB1013C	1,85
12	14	3	●	10	10	AB1214C	2,10
12	20	3	●	10	10	AB1220C	2,10

**AB-R**

- Felt bobs for mould finishing with diamond compound
- Suggested for medium-fine grits from 1 up to 15 micron

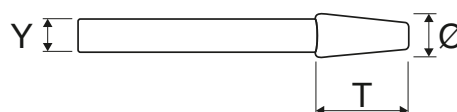


Ø	T	Y	Stock	Min.	Mult.	Code	€
10	14	3	●	10	10	AB1014R	1,85
12	25	3	●	10	10	AB1225R	2,35

Felt bobs

## AB-T

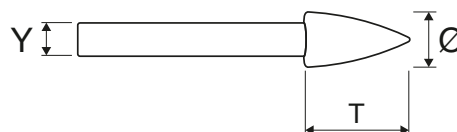
- Felt bobs for mould finishing with diamond compound
- Suggested for medium-fine grits from 1 up to 15 micron



Ø	T	Y	Stock	Min.	Mult.	Code	€
12	18	3	●	10	10	AB1218T	2,10

## AB-J

- Felt bobs for mould finishing with diamond compound
- Suggested for medium-fine grits from 1 up to 15 micron

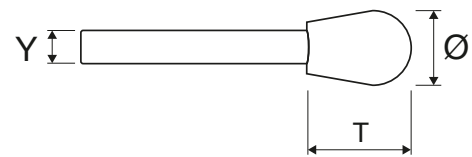


Ø	T	Y	Stock	Min.	Mult.	Code	€
4	10	3	●	10	10	AB0410J	1,65
5	12	3	●	10	10	AB0512J	1,65
6	16	3	●	10	10	AB0616J	1,65
8	17	3	●	10	10	AB0817J	1,65
10	14	3	●	10	10	AB1014J	1,85
12	20	3	●	10	10	AB1220J	2,10
12	25	3	●	10	10	AB1225J	2,10

## Felt bobs

**AB-H**

- Felt bobs for mould finishing with diamond compound
- Suggested for medium-fine grits from 1 up to 15 micron

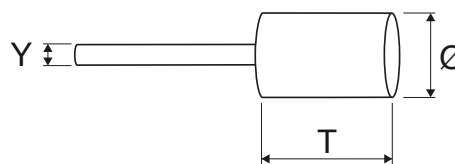


Ø	T	Y	Stock	Min.	Mult.	Code	€
12	18	3	●	10	10	AB1218H	2,10

Wooden lapping tools

## AFM

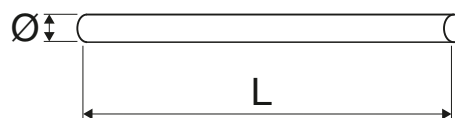
- Wooden lapping tool
- Used for stock removal with diamond compound from 30 up to 90 micron



Ø	T	Y	Stock	Min.	Mult.	Code	€
4	13	3	●	1	1	AFM01	11,00
5	13	3	●	1	1	AFM02	11,55
6	16	3	●	1	1	AFM03	12,70
8	16	3	●	1	1	AFM04	15,10
10	16	3	●	1	1	AFM05	15,60

## AFWC

- Wooden lapping tool
- Used for stock removal with diamond compound from 30 up to 90 micron

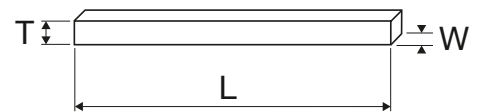


Ø	L	Stock	Min.	Mult.	Code	€
3,2	150	●	1	1	AFW01H	11,00
4,7	150	●	1	1	AFW02H	15,05
6,4	150	●	1	1	AFW03H	16,20
9,5	150	●	1	1	AFW04H	27,70

**Wooden lapping tools**

**AFWR**

- Wooden lapping tool
- Used for stock removal with diamond compound from 30 up to 90 micron



T	W	L	Stock	Min.	Mult.	Code	€
6,4	6,4	150	●	1	1	AFW05H	15,05
3,2	6,4	150	●	1	1	AFW06H	11,55
6,5	12,7	150	●	1	1	AFW08H	19,65

Superfine lapping films

## MF-DE

- Diamond coated tape for superfinishing devices
- Backing material is an extremely resistant and uniform polyester film
- High precision finishing on ceramics and tungsten carbide coatings



### 15200x101,6 H76,2

#	W	Ld	Sp	H	Stock	Min.	Mult.	Code	€
9 μ	101,6	15200	75 μ	76,2	●	1	1	MF3E004D009P	938,00
15 μ	101,6	15200	75 μ	76,2	●	1	1	MF3E004D015P	938,00
30 μ	101,6	15200	75 μ	76,2	●	1	1	MF3E004D030P	938,00
45 μ	101,6	15200	75 μ	76,2	●	1	1	MF3E004D045P	938,00
60 μ	101,6	15200	125 μ	76,2	●	1	1	MF5E004D060P	1.030,00

Superfine Dia-sheets

# ML-DF

- Microabrasive film diamond coated in sheet form for hand use
- Backing material is an extremely resistant and uniform polyester film
- High precision finishing on ceramics and tungsten carbide coatings



280x228

#	W	Ld	Sp	Stock	Min.	Mult.	Code	€
15 μ	228	280	75 μ	●	1	1	ML3F001D015P	44,00
30 μ	228	280	75 μ	●	1	1	ML3F001D030P	44,00

## Diamond powder

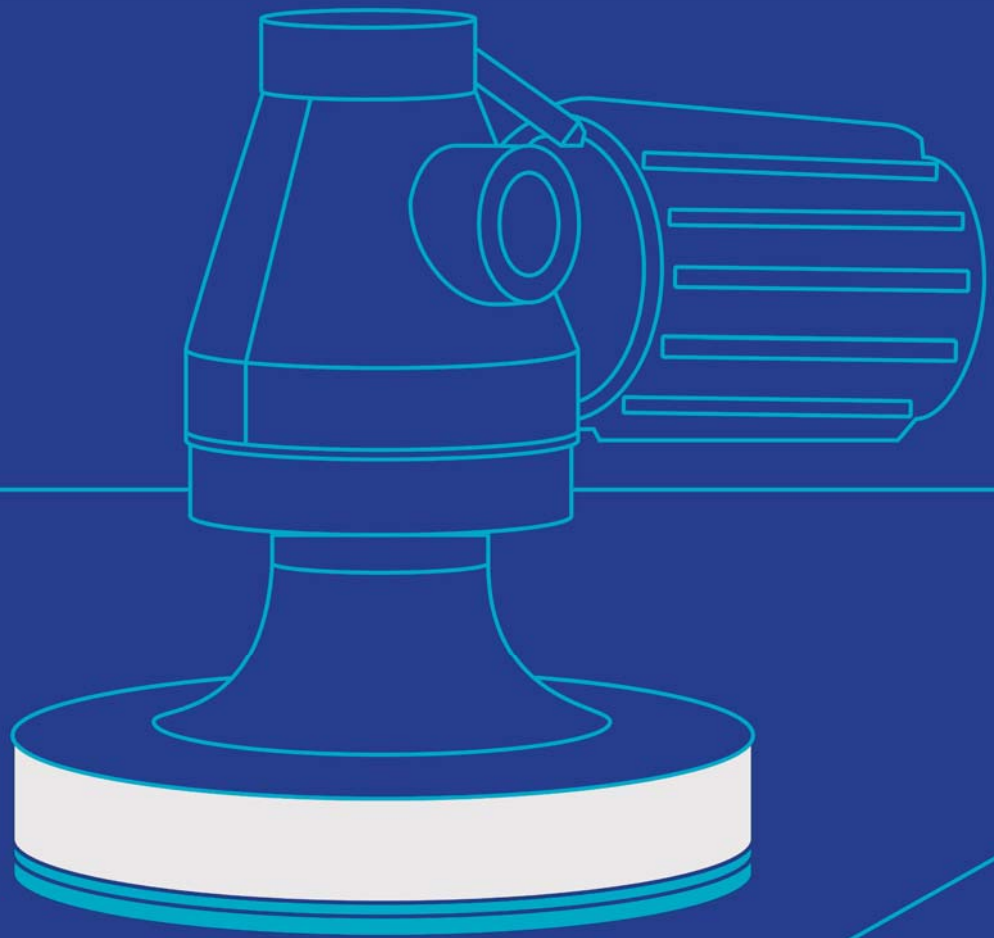
## PDM4

- Synthetic monocrystalline diamond powders in micron grits for lapping and polishing
- Excellent sharpness and good shape regularity for fast and consistent finishes



#	Stock	Min.	Mult.	Code	€
2-4 $\mu$	●	1	1	P4M0204500	196,00
3-6 $\mu$	●	1	1	P4M0306500	196,00
10-20 $\mu$	●	1	1	P4M1020500	196,00





**AIR TOOLS**

High speed straight grinders

## 260

- Fixed type collet chuck microgrinder Ø3 mm
- High torque and tight tolerance in rotation



watt		AT	rpm	Stock	Min.	Mult.	Code	€
160	180	3	60.000	●	1	1	JPG260	221,00

## 380

- Replaceable collet chuck (Ø2,35 and Ø3 mm) microgrinder
- High speed for microtools



watt		AT	rpm	Stock	Min.	Mult.	Code	€
120	160	2,35-3	80.000	●	1	1	JPG380	290,00

**High speed straight grinders**

**300**

- Straight air grinder with Ø3 and Ø6 mm collets
- Lightweight and compact design for precision working




watt		AT	rpm	Stock	Min.	Mult.	Code	€
250	170	3-6	35.000	●	1	1	UG300	275,00

**Mini angle grinders**

**220**

- Mini angle grinder 120°
- Developed for Ø30 mm Diaface disc type SA




watt		AT	rpm	Stock	Min.	Mult.	Code	€
230	200	M7	22.000	●	1	1	JPG220	317,50

**Turbine lappers**

**UTR**

- Reciprocating lapping machine
- Turbine air motor generates low vibrations
- For polishing with diamond files and fiber stones



watt		Strokes	Stock	Min.	Mult.	Code	€
150	220	40.000	●	1	1	<b>UTR30</b>	<b>432,00</b>
150	220	35.000	●	1	1	<b>UTR70</b>	<b>432,00</b>



# ACCESSORIES

Accessories for angle grinders

**PLA-QM**

- Medium flexibility
- PUR-construction
- With center hole for water feed



Ø	AT <sub>1</sub>	Stock	Min.	Mult.	Code	€
98	M14	●	1	1	N100PH	10,90
112	M14	●	1	1	N115PH	11,80
122	M14	●	1	1	N125PH	12,60

**PLA-QNR**

- Natural rubber with heavy duty hooks



Ø	AT <sub>1</sub>	Stock	Min.	Mult.	Code	€
100	M14	●	1	1	N100	30,00

Accessories for angle grinders

## PLA-QA

· Made of aluminium with heavy duty hooks



∅	AT <sub>1</sub>	Stock	Min.	Mult.	Code	€
100	M14	●	1	1	A100V	19,00

## PLA-QR

· Semirigid plastic made



∅	AT <sub>1</sub>	Stock	Min.	Mult.	Code	€
100	M14	●	1	1	I100FV	17,00
115	M14	●	1	1	I115FV	18,00
125	M14	●	1	1	I125FV	20,00
150	M14	●	1	1	I150FV	25,00

## Accessories for angle grinders

### PLA-QS

· Plastic made with 10 mm foam and QRS fitting



∅	AT <sub>1</sub>	Stock	Min.	Mult.	Code	€
50	M14	●	1	1	N50PL10	15,00
75	M14	●	1	1	N80PL10	15,00
100	M14	●	1	1	N100PL10	24,00
115	M14	●	1	1	N115PL10	27,00
125	M14	●	1	1	N125PL10	29,00
150	M14	●	1	1	N150PL10	36,00
175	M14	●	1	1	N175PL10	41,00

### PLA-SA

· Rubber for SA disc

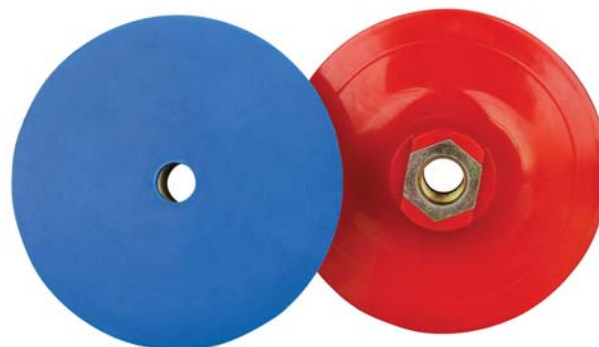


∅	AT <sub>1</sub>	Stock	Min.	Mult.	Code	€
30	M7	●	1	1	AGP01	5,00

Accessories for angle grinders

## PLA-IN

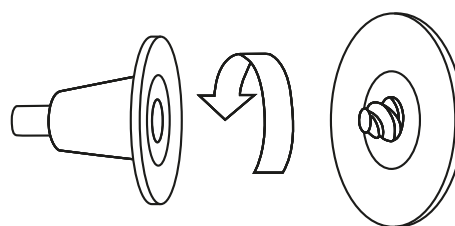
· Semi-rigid with center hole for SA discs



∅	AT <sub>1</sub>	Stock	Min.	Mult.	Code	€
100	M14	●	1	1	I100N	24,00

## PLA-TRK

· Turnlock back up pad screw fastening



∅	Y	Stock	Min.	Mult.	Code	€
25	6	●	1	1	SL104	8,70
50	6	●	1	1	SL102	9,40

Accessories for angle grinders

## LMFL

· Flange from 22,23 to threaded attachment



AT	AT <sub>1</sub>	Stock	Min.	Mult.	Code	€
22,23	M14	●	1	1	AG01	14,00
22,23	5/8-11	●	1	1	AG02	14,00

## REFL14

· Attachments for expanding rubber drums with 25 mm bore  
 · Code AG13 with internal lubrication



∅	T	T <sub>1</sub>	AT <sub>1</sub>	Stock	Min.	Mult.	Code	€
25	38	42	M14	●	1	1	AG2	49,00

Diamond belts accessories

## RGE6

· Expanding rubber drums 6 mm shank



∅	T	Y	Stock	Min.	Mult.	Code	€
15	30	6	●	3	1	RE015030	12,20
22	20	6	●	3	1	RE022020	12,80
25	25	6	●	3	1	RE025025	14,60
30	30	6	●	3	1	RE030030	15,40
45	30	6	●	3	1	RE045030	17,40

## RGE

· Expanding rubber drums with passing bore

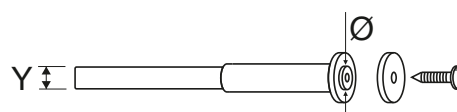


∅	T	H	AT <sub>1</sub>	Stock	Min.	Mult.	Code	€
50	42		M14	●	1	1	RE050042	79,00
50	42	25		●	1	1	RE050042L	79,00
75	38	25		●	1	1	RE075038	43,00
100	38	25		●	1	1	RE100038	93,00
200	38	50-25		●	1	1	RE200038	159,00

Various tool holders

**AL6**

· Ø6 mm shank for H=6 mm bore saw blades

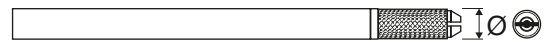


Ø	Y	Stock	Min.	Mult.	Code	€
6	6	●	1	1	D0132	16,00

Various tool holders

**XH**

· Holder for 3 mm diameter abrasive stones or diamond files

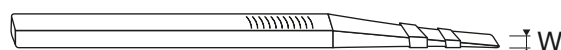


∅	Stock	Min.	Mult.	Code	€
3	●	1	1	XH22	18,00

Various tool holders

## CSH

- Holder for abrasive stones for manual use
- Available in three different widths



W	Stock	Min.	Mult.	Code	€
4	●	1	1	CSH4	10,00
6	●	1	1	CSH6	10,00
10	●	1	1	CSH10	10,00

## TAQ

- Rigid pad with QRS attachment for diamond sheets



T	W	Stock	Min.	Mult.	Code	€
130	55	●	1	1	TFPADLE	36,00

QRS fastener

# QRS

· Hook (M) and Loop (F) self adhesive discs and sheets



Ø	T	H	L	AT	Stock	Min.	Mult.	Code	€
	210		1.000	F	●	1	1	VE1000210F	126,00
	210		1.000	M	●	1	1	VE1000210M	84,00
100		25		M	●	10	1	VED10025M	3,50
100		25		M	●	10	1	VED10025M2	3,50
100		25		M/F	●	5	1	VED10025MF	8,50
100		25		M/F	●	5	1	VED10025MF10	15,00
125		25		M	●	10	1	VED12525M	5,50
250		100		F	●	1	1	VED250100F	29,50
250		100		M	●	1	1	VED250100M	20,00

# GENERAL CONDITIONS OF SALE

These General Conditions of Sale apply to all orders accepted by SORMA S.p.A. Socio Unico, with registered office in Via Don F. Tosatto no. 8, Mestre-Venice, Italy (hereinafter called "Seller") from any individual or body corporate having registered office or domicile in Italy or abroad and exercising its own commercial, business or professional activity (hereinafter called the "Purchaser") and govern all sales of goods specified in the catalogue of the Seller (hereinafter called the "Products"). Conditions differing from those contained herein will be effective only subject to written acceptance.

## 1. PRODUCTS

The Products subject of these sales are those specified in the catalogue of the Seller, with the specifications and drawings contained therein.

## 2. ORDERS

2.1 Orders, both direct and indirect, are always subject to acceptance by the Seller. The acknowledgement will describe the Products sold according to the catalogue code and will define the quantity of each product, the unit price, the delivery terms, and the transport and payment conditions. No order will be considered binding for the Seller until it has been accepted with acknowledgement issued by the latter.

2.2 Orders for non standard and/or special products and products to customer specifications shall be made in writing by the Purchaser and may under no circumstances be cancelled by the Purchaser once they have been accepted by the Seller.

2.3 The Seller reserves the right, at its discretion, to cancel the order if any further checks carried out on the customer's solvency suggest that it is expedient to do so.

## 3. PRICES, SHIPPING EXPENSES and PAYMENT CONDITIONS

3.1 The prices contained in the Seller's price list are binding if accepted by order acknowledgement of the Seller, unless said order acknowledgement specifies otherwise. The Purchaser shall immediately notify the Seller of all errors and omissions of any type in the payment conditions and in the prices contained in the acceptance document.

3.2 Prices do not include VAT and other taxes, customs duties or other charges that may be due on the Products in the country of the Purchaser and are expressed in the currency of the Seller's country unless agreed otherwise. The prices do not include shipping costs which will be sustained by the Purchaser.

3.3 The Seller also reserves the right to change the terms of payment of the Purchaser when, in its opinion, the financial conditions of the Purchaser and records of previous payments suggest that it is expedient to do so. The terms of payment are specified in the order acknowledgement. For all new customers, payment is by cash on delivery. The invoicing value date is essential for payments. For payments from abroad, expenses for the transfer of funds from the foreign bank to the Italian bank will be sustained entirely by the Purchaser.

## 4. DELIVERY TERMS AND PROCEDURES

4.1 The delivery terms specified in the order acknowledgement are binding, barring exemptions independent of the will of the Seller which will in any case be promptly notified to the Purchaser.

4.2 The Seller will make all efforts to observe the delivery dates or periods specified in the acknowledgement.

4.3 In the event of delayed delivery due to circumstances beyond the reasonable control of the Seller, such as (but not limited to) force majeure, strikes, unrest, accidents or conflicts, including any delay by the product manufacturing subcontractors or other, the Seller will have the right, as it chooses, either to extend the foreseen delivery period for a period equal to the duration of said cause or to cancel the sale, and in both cases will be exempt from all liability vis-à-vis the Purchaser in relation to the delayed or failed delivery.

Under no circumstances will the Seller be liable for delayed or failed delivery due to shortage of products.

4.4 The goods are sold ex works (ex works Incoterms 2010). The goods are shipped without insurance barring special provisions which will be agreed and charged to the Purchaser.

## 5. RISKS

All risks relating to the Products will be transferred from the Seller to the Purchaser at the place and time of delivery, described in the previous clause.

## 6. COMPLAINTS

6.1 The Purchaser will examine the Products immediately and with all due diligence and attention when they arrive at its premises and will inform the Seller without delay of any omission, defect or non-conformity encountered. Notification by the Purchaser of the omission, defect or non-conformity of the Products shall be made in writing by and no later than 10 days from receipt of the Products and shall contain a full description of the defects and omissions with reference to the transport documents relating to the Products. Once 10 days have elapsed from receipt of the Products by the Purchaser, as resulting from the transport documents, without the Purchaser having notified any lack or non-conformity of the Products, the latter will be considered definitively accepted by the Purchaser.

6.2 Further to the complaint, the Seller will provide, at its choice, either for replacement of the faulty Products or refund of the amount paid by the Purchaser for their purchase. The Seller is entitled to test the Products when they are returned and to charge the Purchaser for all costs sustained by the Seller in the event of the product turning out to be not faulty.

## 7. RETURNS

7.1 Any return will be accepted only if previously authorised and if sent carriage free. The Purchaser's transport document shall refer to the Seller's shipping documents. The Seller will not under any circumstances or for any reason credit goods supplied more than one year previously. The Seller only credits goods in their original packaging and under no circumstances if they are damaged. If goods are returned due to an error on the part of the Seller, return of the goods will be accepted carriage forward by post or by the Seller's regular forwarding agent. In the event of the above rules not being observed, no credit will be given and the goods will be rejected, charging the shipping expenses to the sender. The Seller is entitled to charge the Purchaser for the administration expenses of any returns not due to a fault in the product or in any case not due to the fault of the Seller.

7.2 The return of Products purchased via special offers or promotions, or as part of a "package" or "kit" of products may be subject to specific conditions, as described in the same or otherwise communicated to the Purchaser. No refund is permitted for individual products purchased as part of a "package" although the Seller may alternatively replace the individual product or request return of the entire "package" and refund the Purchaser the amounts paid for purchase of said "package".

## 8. WARRANTY

8.1 Within one year from the date of delivery and subject to the presentation of a complaint by the Purchaser according to the above "Complaints" clause, the product found to be faulty will be replaced free of charge by the Seller. In any case the Seller will not apply the warranty for the product found to be faulty due to incorrect or inappropriate use. In the event of a dispute, the manufacturer's technical report will prevail.

8.2 The Seller will be solely liable for damages caused to the Purchaser as an immediate and direct consequence of its own negligent or culpable non-fulfilment of the obligations under the contract.

8.3 Under no circumstances will the Seller be liable for indirect damages sustained by the Purchaser or third parties, for example, but not limited to, damage to image, loss of profit, production, contracts, penalties or refunds of any type, etc.

## 9. PACKAGING

Packaging is always invoiced at cost.

## 10. INVOICES

Invoicing is performed on the last working day of the month of shipment of the goods. The invoice, unless agreed otherwise, contains a summary of the transport documents for that month. For supplies abroad, the goods are shipped with accompanying invoice. It is the responsibility of the purchasing company to check that the general and fiscal particulars contained in the documents are correct.

## 11. JURISDICTION – COMPETENT COURT AND APPLICABLE LAW

11.1 All contractual or extra-contractual disputes concerning the interpretation, validity, effectiveness, execution or termination of this Contract will be referred exclusively to the Italian Judicial Authorities, Court of Venice.

11.2 This Contract will be interpreted and governed according to Italian law.