

# WOOD&SPARK CATALOGUE



**said**



# I nostri punti di forza

## Our strengths



### IL DIAMANTE | *THE DIAMOND*

In SAID tutto parte dal diamante, purissimo elemento "superabrasivo" capace di offrire prestazioni eccezionali sui più diversi materiali. Qualità controllate e selezionate all'interno dell'azienda garantiscono massima affidabilità.

*In SAID everything starts with the diamond, extremely pure "superabrasive" element able to offer exceptional performance on the most varied materials. The quality is controlled and selected within the company so as to guarantee the maximum reliability.*



### SELEZIONE E COMPOSIZIONE | *SELECTION AND COMPOSITION*

Il segreto SAID è a larga parte depositato nella scelta e nel dosaggio delle polveri metalliche e delle resine impiegate nella realizzazione della vasta gamma di leganti.

*SAID secret is mainly found in the choice and in the dosage of the metallic powders and of the resins used in the production of a wide range of binding agents.*



### PRODOTTO E APPLICAZIONI | *PRODUCT AND APPLICATIONS*

La proposta SAID risponde alle diverse esigenze di taglio, affilatura, levigatura e lucidatura, offrendo soluzioni a tutto tondo sia per la grande industria come per il laboratorio artigiano.

*SAID proposal responds to the various necessities of cutting, sharpening, smoothing and polishing, offering overall solutions both for the large industries and for the small craftsman.*



### RICERCA E SERVIZIO | *RESEARCH AND SERVICE*

La ricerca SAID, alla base dello sviluppo aziendale, viene applicata alle varie richieste provenienti dal mercato.

I ritrovati dopo attente verifiche, vengono immediatamente proposti con il supporto di adeguati servizi di consulenza.

*SAID research, which is the basis of the company development, is applied to all the various requests which come from the market. The discoveries, after careful controls, are immediately proposed with all the adequate support of consultancy services.*



### ORGANIZZAZIONE | *ORGANIZATION*

Il marchio SAID identifica la qualità di una struttura produttiva perfettamente collaudata. Dinamica, flessibile, completa in tutte le sue parti, agisce con tempestività in tutto il mondo.

*SAID mark identifies the quality of a production structure which is perfectly tested. Dynamic, flexible, complete in all its parts it acts with speed in any part of the world.*



## I SUPERABRASIVI

Rispetto alle mole tradizionali, le mole in superabrasivo consentono di ottenere dei processi di rettifica con tempi più ridotti e con costi complessivi inferiori. L'utilizzo delle migliori materie prime, la ricerca di nuovi materiali e l'applicazione di tecnologie all'avanguardia consentono a SAID di portare sul mercato un prodotto progettato, realizzato e confezionato in ITALIA.

### **SUPER-ABRASIVE WHEELS**

*The super-abrasive wheels, if compared to the traditional ones, permit shorter and less expensive grinding operations. The use of the best rough materials, the search for new materials and the application of cutting-edge technologies permit to SAID to propose to the market a product designed, manufactured and packed in ITALY.*

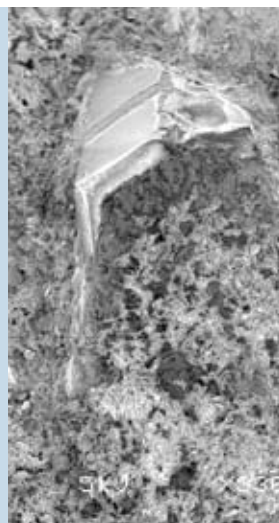


## IL DIAMANTE

Il diamante è il più duro materiale conosciuto. Questa caratteristica ci consente di lavorare con facilità materiali quali la ceramica, i cermet, quarzo, vetro e materiali refrattari. Il diamante utilizzato presso la SAID è di tipo artificiale, ottenuto da un processo di sintesi a pressione e temperature elevatissime. Per garantire una migliore adesione alla matrice talvolta viene utilizzato il tipo ricoperto da un sottile strato di metallo, solitamente Nickel o Rame. L'unico limite del diamante è la sua reattività con i materiali ferrosi, per cui in tal caso si deve ricorrere al CBN.

### **DIAMOND**

*Diamond is the hardest material that we know. This permits to work easily materials like ceramic, cermet, quartz, glass and refractory materials. The diamond used at Said is an industrial diamond, obtained from a process of synthesis under very high pressure and temperatures. In order to grant a better adherence to the matrix, sometimes it is used the kind of diamond coated with a thin metal layer, usually nickel or copper. The only limit of the diamond is its reactivity with ferrous materials, so in those cases it is necessary the use of CBN.*

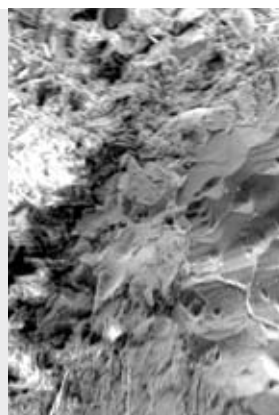


## IL CBN

Il CBN, anche se meno duro del diamante, è caratterizzato da una resistenza chimica superiore. Viene prodotto per sintesi, ed è principalmente utilizzato per la lavorazione di acciai trattati termicamente, ghisa, acciai per molle, HSS e Stellite. Come nel caso del diamante, anche i cristalli di CBN vengono spesso ricoperti di un sottile strato metallico per aumentarne la capacità di ancoraggio e di smaltimento del calore.

### **CBN**

*CBN, even if it is less hard of the diamond, is marked out by a superior chemical durability. It is produced by synthesis, and it is used mainly to grind heat-treated steel, cast iron, steel for springs, HSS and stellite. As for diamond, also CBN crystals are coated by a thin metallic layer in order to increase their capacity of anchorage and heat removing.*



## LA GRANA

La scelta della granulometria influisce pesantemente sulla finitura e sulla quantità di materiale asportabile. Lo standard europeo FEPA definisce la grana in base al diametro medio dei cristalli misurati. La grana viene espressa in  $\mu\text{m}$  (micron).

### **GRIT SIZE**

*The choice of the granulometry affects on the finishing and the quantity of the material that can be removed quite heavily. FEPA European standards define the grit according to the medium diameter of the crystals that have been measured. The grit is expressed in  $\mu\text{m}$  (micron).*

FORMA MOLD	GRANE FEPA FEPA GRIT
SGROSSATURA ROUGHING	252
	213
	181
	151
	126
SEMIFINITURA SEMI - FINISHING	100
	97
	76
FINITURA FINISHING	64
	54
	46
LAPPATURA LAPPING	30
	20
	15
	9

# Le geometrie Geometries



Seguendo lo standard FEPA, SAID propone le geometrie più diffuse e ottimizzate per migliorarne l'ergonomia.  
*Following the standard FEPA, SAID offers the most widely used and optimized geometries to improve ergonomics.*



4BT9



4ET9



4A2



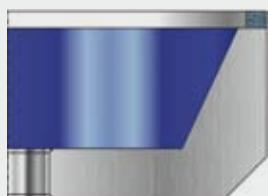
12A2 20°



12A2 45°



11A2



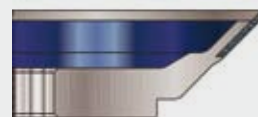
6A2



6A9



11V9



12V9 45°



12V2



6AA9



1A1R



1A1W



14A1



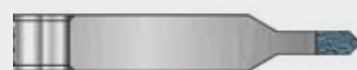
1A1



3A1



14F1



14E1



14V1



1V1



14VR



## LEGNO | WOOD

### WOOD

#### LAME CIRCOLARI / SAW BLADE

AFFILATURA PETTO / FACE SHARPENING

12V2 ..... Pg. 6

1A1W ..... Pg. 6

AFFILATURA DORSO / BACK SHARPENING

6AA9 ..... Pg. 6

14AA1 ..... Pg. 7

#### LAME A NASTRO / BAND SAW

AFFILATURA DENTE / TOOTH SHARPENING

14VR ..... Pg. 7

#### FRESE SALDOBRSATE / BRAZED TOOLS

PROFILATURA CNC / CNC PROFILING

14F1..... Pg. 7/8

#### FRESE SALDOBRSATE / BRAZED TOOLS

AFFILATURA PETTO / FACE SHARPENING

12A2 20°..... Pg. 8

### FAST ONE

#### COLTELLINI / KNIVES

PROFILATURA CNC / CNC PROFILING

14F1, 14EF1..... Pg. 9

### WOOD

#### COLTELLI PIALLA / KNIVES

AFFILATURA PETTO / FACE SHARPENING

6A2..... Pg. 9



## MECCANICA | MECHANICS

### SPARK

#### FRESE-PUNTE / MILLS - DRILLS

TAGLIO / CUT

1A1R ..... Pg. 11

14A1R ..... Pg. 11

AFFILATURA MANUALE / MANUAL SHARPENING

11V9 - 12V9 45°..... Pg. 11

RETTIFICA / GRINDING

14A1 - 1A1 - 6A2 ..... Pg. 12

### FLUSS

#### UTENSILI-STAMPI / TOOLS - MOLDS

RETTIFICA / GRINDING

14A1 - 1A1 ..... Pg. 13

### CNC

#### FRESE-PUNTE / MILLS - DRILLS

AFFILATURA - COSTRUZIONE CNC / CNC SHARPENING - CONSTRUCTION

11V9 - 12V9 45° ..... Pg. 15

14A1 - 1A1 ..... Pg. 15/16

14V1 - 1V1 ..... Pg. 17

14F1 ..... Pg. 18

11A2 ..... Pg. 19

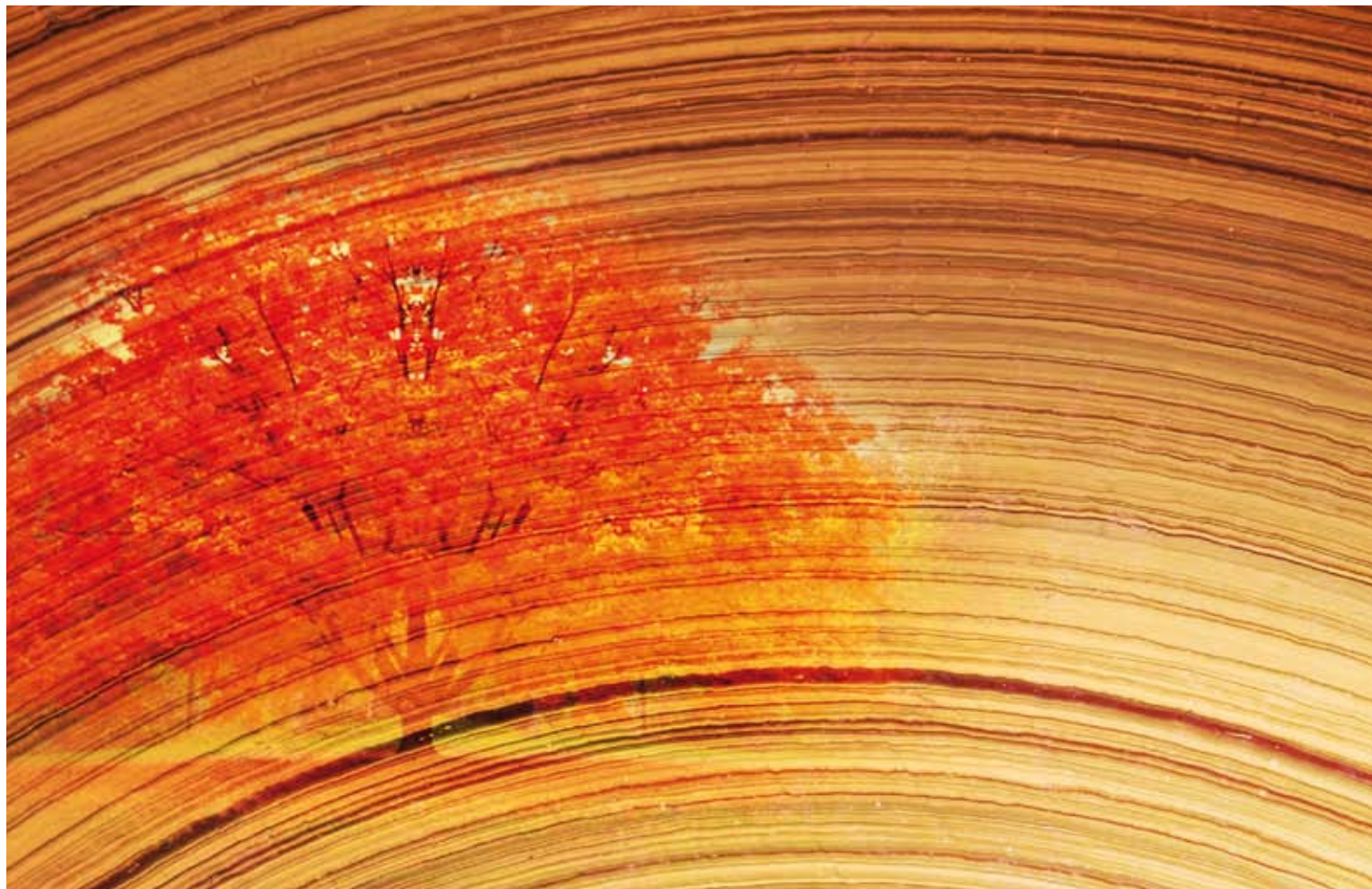
### SHARP

#### LAME CIRCOLARI / CIRCULAR SAW

AFFILATURA - COSTRUZIONE CNC / CNC SHARPENING - CONSTRUCTION

1A1R..... Pg. 20

14F1..... Pg. 20



**LEGNO** | Costruzione e affilatura utensili per il legno  
**WOOD** | *Construction and sharpening tools for wood*

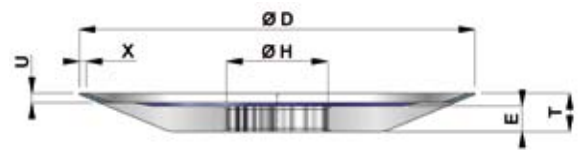


**LAME CIRCOLARI / SAW BLADE**
**WOOD**

AFFILATURA PETTO / FACE SHARPENING



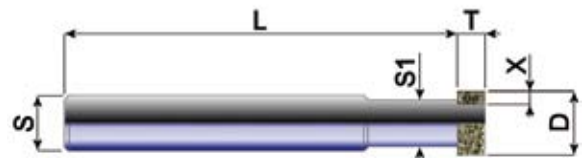
Forma Shape	Ø D	U	X	Ø H	T	E
12V2	75	3	3	25	11	8
12V2	100	3	3	25 CH	11	8
12V2	125	3	3	25 CH	12	9
12V2	125	3	3	32	12	9
12V2	150	3	3	32	12	10
12V2	160	3	3	32	12	9
12V2	175	3	3	32 CH	12	10
12V2	175	3	3	50,8+3F	12	9
12V2	200	3	3	32+1	12	10

**12V2**

**LAME CIRCOLARI / SAW BLADE**
**WOOD**

AFFILATURA PETTO / FACE SHARPENING



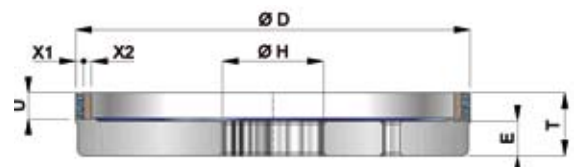
Forma Shape	Ø D	U	X	S	L
1A1W	6	4	1,5	6	40
1A1W	6	6	1,5	6	40
1A1W	7	4	2	6	40
1A1W	7	6	2	6	40

**1A1W**

**LAME CIRCOLARI / SAW BLADE**
**WOOD**

AFFILATURA DORSO / BACK SHARPENING



Forma Shape	Ø D	X1+X2	U	Ø H	T	E
6AA9	75	2,5+2,5	6	25	17	9
6AA9	100	2,5+2,5	8	25 CH	20	7
6AA9	125	2,5+2,5	8	32+1F	20	11

**6AA9**




**LAME CIRCOLARI / SAW BLADE**

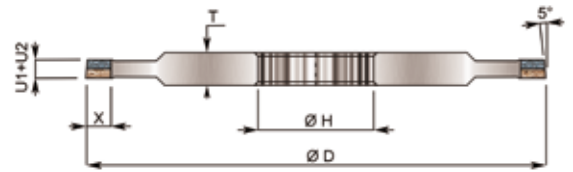
Forma Shape	Ø D	U1+U2	X	Ø H	T
14AA1	127	2,5+2,5	7	32	9
14AA1	150	2,5+2,5	8	32	10
14AA1	175	2,5+2,5	7	32	10
14AA1	200	2,5+2,5	8	32	10

WOOD

AFFILATURA PETTO / FACE SHARPENING



**14AA1**



**LAME A NASTRO / BAND SAW**

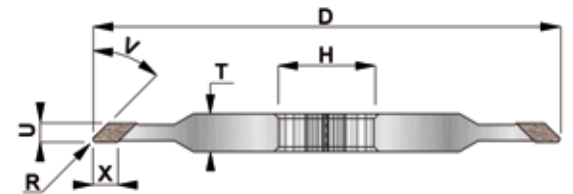
Forma Shape	Ø D	U	X	V	R	H	T
14VR	150	4	6	40°	1	20	10
14VR	150	4	6	40°	1	32	10
14VR	200	4	6	40°	1	20	10

WOOD

AFFILATURA DENTE / TOOTH SHARPENING



**14VR**



**FRESE SALDOBRASATE / BRAZED TOOLS**

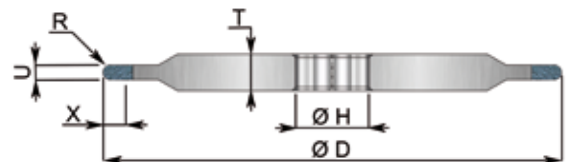
Forma Shape	Ø D	U	X	R	T
14F1	175	1,5	7	0,75	8
14F1	175	2	7	1	8
14F1	175	3	7	1,5	8
14F1	175	4	7	2	8
14F1	200	1,5	7	0,75	12
14F1	200	2	7	1	12
14F1	200	3	7	1,5	12
14F1	200	4	7	2	12

WOOD

PROFILATURA CNC / CNC PROFILING



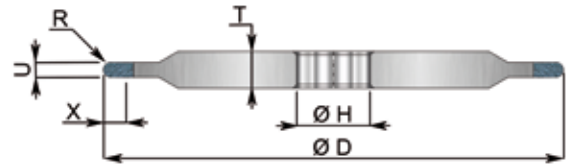
**14F1**



PROFILATURA MANUALE / MANUAL PROFILING

**FRESE SALDOBRASATE / BRAZED TOOLS**
**WOOD**

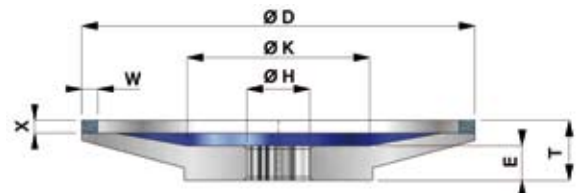

Forma Shape	Ø D	U	X	R	T
14F1	200	1,5	7	0,75	12
14F1	200	2	7	1	12
14F1	200	4	7	2	12
14F1	225	1,5	7	0,75	5
14F1	225	2	7	1	5
14F1	225	4	7	2	5
14F1	250	1,5	7	0,75	8
14F1	250	2	7	1	8
14F1	250	4	6	2	8

**14F1**

**FRESE SALDOBRASATE / BRAZED TOOLS**
**WOOD**

AFFILATURA PETTO / FACE SHARPENING



Forma Shape	Ø D	W	X	Ø H	T	E
12A2 20°	150	6	4	20	20	9
12A2 20°	175	6	4	20	20	9
12A2 20°	200	6	4	20	22	10

**12A2 20°**


AFFILATURA / SHARPENING

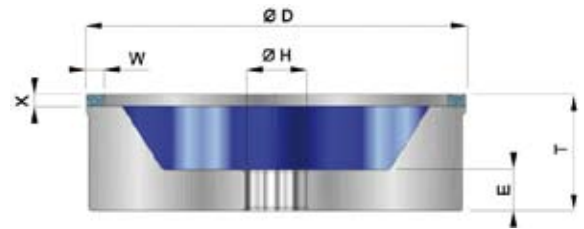


**COLTELLI A PIALLA / KNIVES**

WOOD

6A2

Forma Shape	Ø D	W	X	T	E
6A2	125	5	4	40	16
6A2	150	6	4	49	18
6A2	150	6	5	50	18
6A2	175	6	4	55	15
6A2	175	6	4	55	15
6A2	175	6	5	56	15
6A2	200	6	4	50	15
6A2	200	6	4	50	15
6A2	200	6	4	50	15
6A2	250	6	4	50	15
6A2	250	6	4	50	15



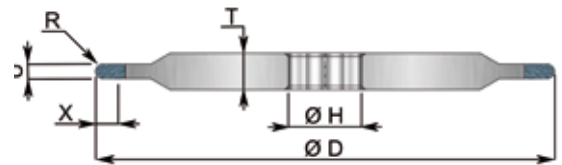
**COLTELLINI A GETTARE / HM KNIVES**

FAST ONE

14F1 - 14EF1

Forma Shape	Sagoma Profile	Ø D	U	X	R	Ø H	T	E
14F1		200	3	7	1,5	20-50	12	12
14F1		200	2	7	1	20-50	12	12
14EF1		200	2	7	V=20° R=0,4	20-50	12	12
14F1		300	3	7	1,5	20-50	37	23
14F1		300	2	7	1	20-50	37	23
14EF1		300	2	7	V=20° R=0,4	20-50	37	23

PROFILATURA CNC / CNC PROFILING





**MECCANICA** | Costruzione e affilatura utensili per il metallo

**MECHANICS** | *Construction and sharpening tools for metal*



TAGLIO / CUT OFF

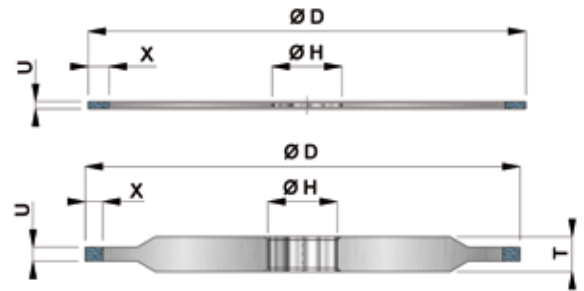
**FRESE-PUNTE / MILLS-DRILLS**

SPARK



**1A1R - 14A1R**

Forma Shape	Ø D	U	X	T
141R	100	1	6	0,8
1A1R	125	1,2	6	0,8
14A1R	125	1,2	6	6
1A1R	150	1,2	6	0,8
14A1R	150	1,2	6	6
1A1R	175	1,3	6	1
14A1R	175	1,3	6	8
1A1R	200	1,3	6	1
14A1R	200	1,3	6	6
1A1R	250	1,5	5	1,3
14A1R	250	1,5	5	8



**FRESE-PUNTE / MILLS-DRILLS**

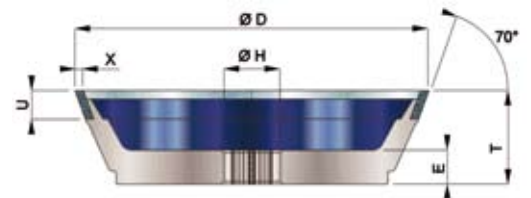
SPARK

AFFILATURA MANUALE / MANUAL SHARPENING



**11V9**

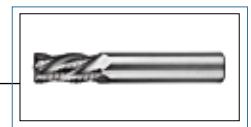
Forma Shape	Ø D	X	U	Ø H	T	E
11V9	75	2	10	20	30	10
11V9	75	3	10	20	30	10
11V9	100	2	10	20	32	12
11V9	100	3	10	20	32	12
11V9	125	2	10	20	32	12
11V9	125	3	10	20	32	12



AFFILATURA MANUALE / MANUAL SHARPENING

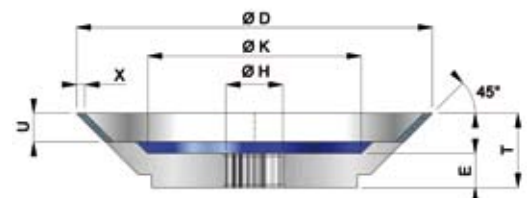
**FRESE-PUNTE / MILLS-DRILLS**

SPARK



**12V9 45°**

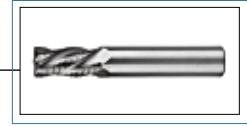
Forma Shape	Ø D	X	U	Ø H	T	E
12V9 45°	75	2	10	20	20	10
12V9 45°	75	3	10	20	20	10
12V9 45°	100	2	10	20	25	12
12V9 45°	100	3	10	20	25	12
12V9 45°	125	2	10	20	25	12
12V9 45°	125	3	10	20	25	12
12V9 45°	150	2	10	20	25	12
12V9 45°	150	3	10	20	25	12



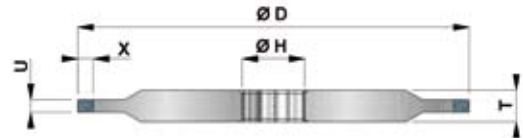
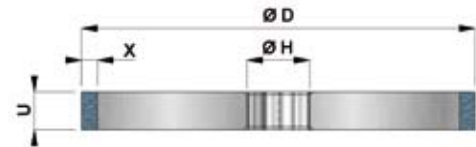
RETTIFICA / GRINDING

## UTENSILI / TOOLS

SPARK


**14A1 - 1A1**

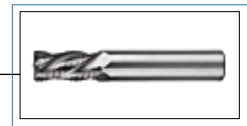
Forma Shape	Ø D	U	X	Ø H	T
14A1	75	2/4/6	6	20	6/8/10
14A1	75	8/10	6	20	10
1A1	75	12/15/20	6	20	12
14A1	100	2/4/6	6	20	12
14A1	100	8/10	6	20	12
1A1	100	12/15/20	6	20	12
14A1	125	2/4/6	6	20	12
14A1	125	8/10	6	20	12
1A1	125	12/15/20	6	20	12
14A1	150	2/4/6	6	20	12
14A1	150	8/10	6	20	12
14A1	150	12/15/20	6	20	12



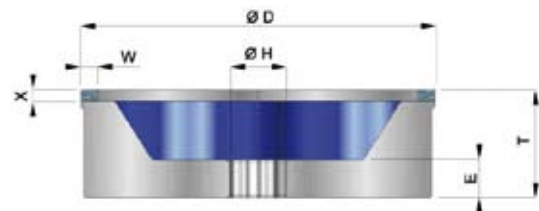
RETTIFICA / GRINDING

## UTENSILI / TOOLS

SPARK


**6A2**

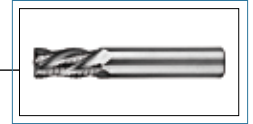
Forma Shape	Ø D	W	X	Ø H	T
6A2	75	5/10	4	20	30
6A2	100	5/10	4	20	30
6A2	125	5/10	4	20	30
6A2	150	6/10/15/20	6	20	50



RETTIFICA / GRINDING

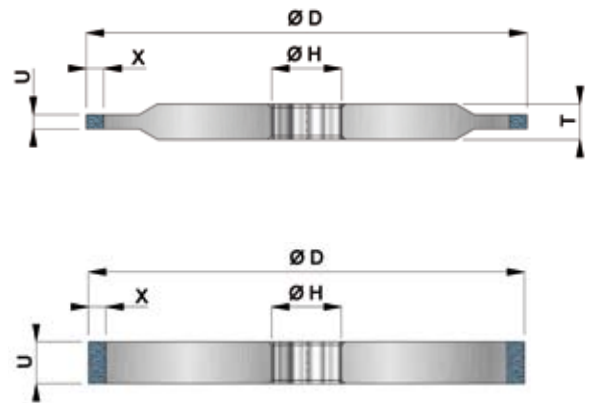
**UTENSILI - STAMPI / TOOLS - MOLDS**

FLUSS



**14A1 - 1A1**

Forma Shape	Ø D	U	X	Ø H	T	E
14A1	175	6	6	20	12	
1A1	175	12	6	20	12	
1A1	175	20	6	20	12	
14A1	200	6	6	32	12	
1A1	200	12	6	32	12	
1A1	200	20	6	32	20	
1A1	200	30	6	32	30	
14A1	250	6	6	76	12	
1A1	250	12	6	76	12	
1A1	250	20	6	76	20	
1A1	250	30	6	76	30	
14A1	300	12	6	127	20	
1A1	300	20	6	127	20	
1A1	300	30	6	127	30	
14A1	350	12	6	127	20	
1A1	350	20	6	127	20	
1A1	350	30	6	127	30	
14A1	400	12	7	127	20	
1A1	400	20	7	127	20	
1A1	400	30	7	127	30	
14A1	500	12	7	127	20	
1A1	500	20	7	127	20	
1A1	500	30	7	127	30	



A close-up photograph of a CNC machine. A robotic arm with black joints and orange grippers is positioned above a blue machine head. A silver drill bit is held in the machine's spindle. The background is a blurred industrial setting with blue lighting. A green gradient bar is at the bottom left, containing the text 'CNC'.

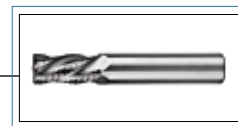
**CNC**



AFFILATURA - COSTRUZIONE CNC / CNC SHARPENING - CONSTRUCTION

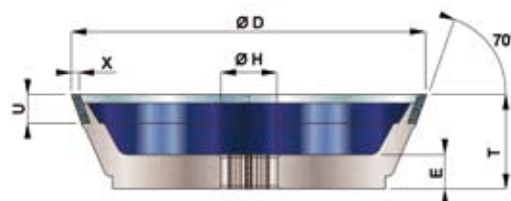
**FRESE - PUNTE / MILLS - DRILLS**

CNC



Forma Shape	Ø D	X	U	Ø H	T	E
11V9	75	2	10	20	30	10
11V9	75	3	10	20	30	10
11V9	100	2	10	20	32	12
11V9	100	3	10	20	32	12
11V9	125	2	10	20	32	12
14AA1	125	3	10	20	32	12

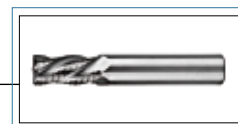
**11V9**



AFFILATURA - COSTRUZIONE CNC / CNC SHARPENING - CONSTRUCTION

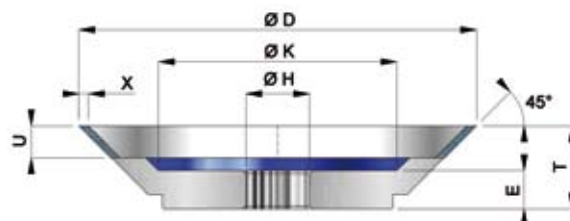
**FRESE - PUNTE / MILLS - DRILLS**

CNC



Forma Shape	Ø D	X	U	Ø H	T	E
12V9 45°	75	2	10	20	20	10
12V9 45°	75	3	10	20	20	10
12V9 45°	100	2	10	20	25	12
12V9 45°	100	3	10	20	25	12
12V9 45°	125	2	10	20	25	12
12V9 45°	125	3	10	20	25	12

**12V9 45°**



AFFILATURA - COSTRUZIONE CNC / CNC SHARPENING - CONSTRUCTION

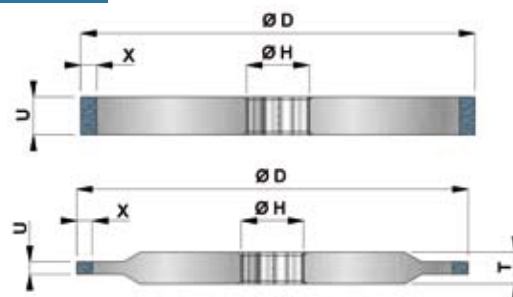
**FRESE - PUNTE / MILLS - DRILLS**

CNC



Forma Shape	Ø D	U	X	Ø H	T
14A1	75	6	6/10	20	12
14A1	75	8	6/10	20	12
14A1	75	10	6/10	20	12
1A1	75	12	6/10	20	12
1A1	75	14	6/10	20	12
1A1	75	16	6/10	20	12
1A1	75	20	6/10	20	12

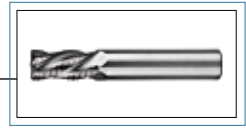
**14A1 / 1A1**



AFFILATURA - COSTRUZIONE CNC / CNC SHARPENING - CONSTRUCTION

**FRESE - PUNTE / MILLS - DRILLS**

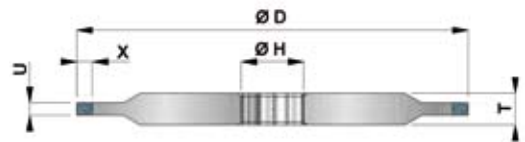
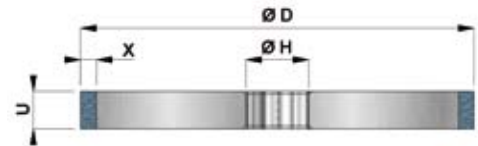
CNC


**14A1 / 1A1**

Forma Shape	Ø D	U	X	Ø H	T
14A1	100	6	6/10	20	12
14A1	100	8	6/10	20	12
14A1	100	10	6/10	20	12
1A1	100	12	6/10	20	12
1A1	100	14	6/10	20	12
1A1	100	16	6/10	20	12
1A1	100	20	6/10	20	12

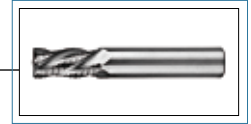
Forma Shape	Ø D	U	X	Ø H	T
14A1	125	6	6/10	20	12
14A1	125	8	6/10	20	12
14A1	125	10	6/10	20	12
1A1	125	12	6/10	20	12
1A1	125	14	6/10	20	12
1A1	125	16	6/10	20	12
1A1	125	20	6/10	20	12

Forma Shape	Ø D	U	X	Ø H	T
14A1	150	6	6/10	20	12
14A1	150	8	6/10	20	12
14A1	150	10	6/10	20	12
1A1	150	12	6/10	20	12
1A1	150	14	6/10	20	12
1A1	150	16	6/10	20	12
1A1	150	20	6/10	20	12



**FRESE - PUNTE / MILLS - DRILLS**

CNC



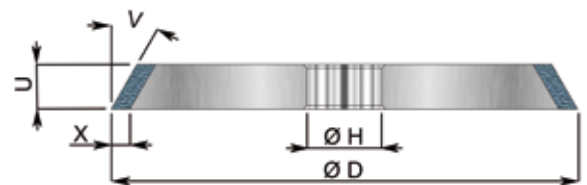
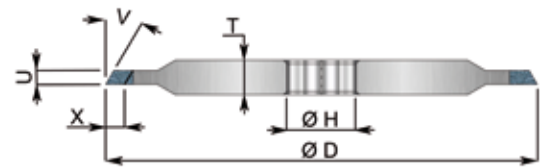
**14V1 2-55° / 1V1 2-55°**

Forma Shape	Ø D	U	X	Ø H	T
14V1	75	6	6/10	20	12
14V1	75	8	6/10	20	12
14V1	75	10	6/10	20	12
1V1	75	12	6/10	20	12
1V1	75	14	6/10	20	12
1V1	75	16	6/10	20	12
1V1	75	20	6/10	20	12

Forma Shape	Ø D	U	X	Ø H	T
14V1	100	6	6/10	20	12
14V1	100	8	6/10	20	12
14V1	100	10	6/10	20	12
1V1	100	12	6/10	20	12
1V1	100	14	6/10	20	12
1V1	100	16	6/10	20	12
1V1	100	20	6/10	20	12

Forma Shape	Ø D	U	X	Ø H	T
14V1	125	6	6/10	20	12
14V1	125	8	6/10	20	12
14V1	125	10	6/10	20	12
1V1	125	12	6/10	20	12
1V1	125	14	6/10	20	12
1V1	125	16	6/10	20	12
1V1	125	20	6/10	20	12

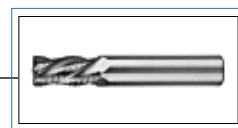
Forma Shape	Ø D	U	X	Ø H	T
14V1	150	6	6/10	20	12
14V1	150	8	6/10	20	12
14V1	150	10	6/10	20	12
1V1	150	12	6/10	20	12
1V1	150	14	6/10	20	12
1V1	150	16	6/10	20	12
1V1	150	20	6/10	20	12



AFFILATURA - COSTRUZIONE CNC / CNC SHARPENING - CONSTRUCTION

**FRESE - PUNTE / MILLS - DRILLS**

CNC


**14F1**

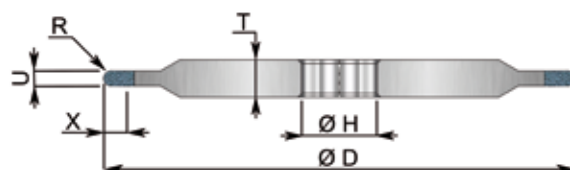
Forma Shape	Ø D	U	X	R	Ø H	T
14F1	75	3	6	1,5	20	10
14F1	75	4	6	2	20	10
14F1	75	6	6	3	20	10
14F1	75	8	6	4	20	10
14F1	75	10	6	5	20	10

Forma Shape	Ø D	U	X	R	Ø H	T
14F1	100	3	6	1,5	20	10
14F1	100	4	6	2	20	10
14F1	100	6	6	3	20	10
14F1	100	8	6	4	20	10
14F1	100	10	6	5	20	10

Forma Shape	Ø D	U	X	R	Ø H	T
14F1	125	3	6	1,5	20	10
14F1	125	4	6	2	20	10
14F1	125	6	6	3	20	10
14F1	125	8	6	4	20	10
14F1	125	10	6	5	20	10

Forma Shape	Ø D	U	X	R	Ø H	T
14F1	150	1,5	6	0,75	20	10
14F1	150	2	6	1	20	10
14F1	150	3	6	1,5	20	10
14F1	150	4	6	2	20	10
14F1	150	6	6	3	20	10
14F1	150	8	6	4	20	10
14F1	150	10	6	5	20	10

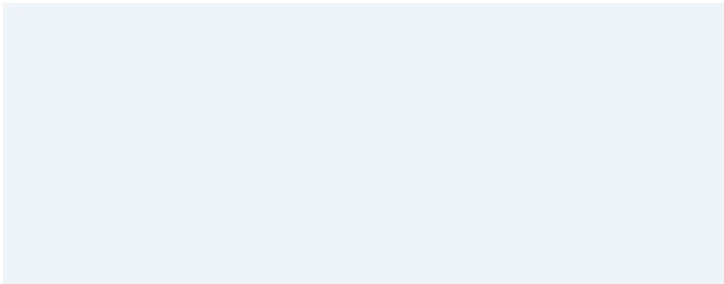
Forma Shape	Ø D	U	X	R	Ø H	T
14F1	175	1,5	6	0,75	20	8
14F1	175	2	6	1	20	8
14F1	175	3	6	1,5	20	8
14F1	175	4	6	2	20	8



AFFILATURA - COSTRUZIONE CNC / CNC SHARPENING - CONSTRUCTION

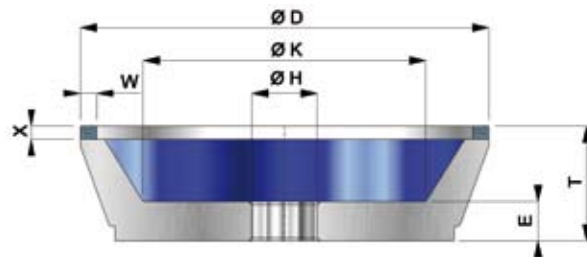
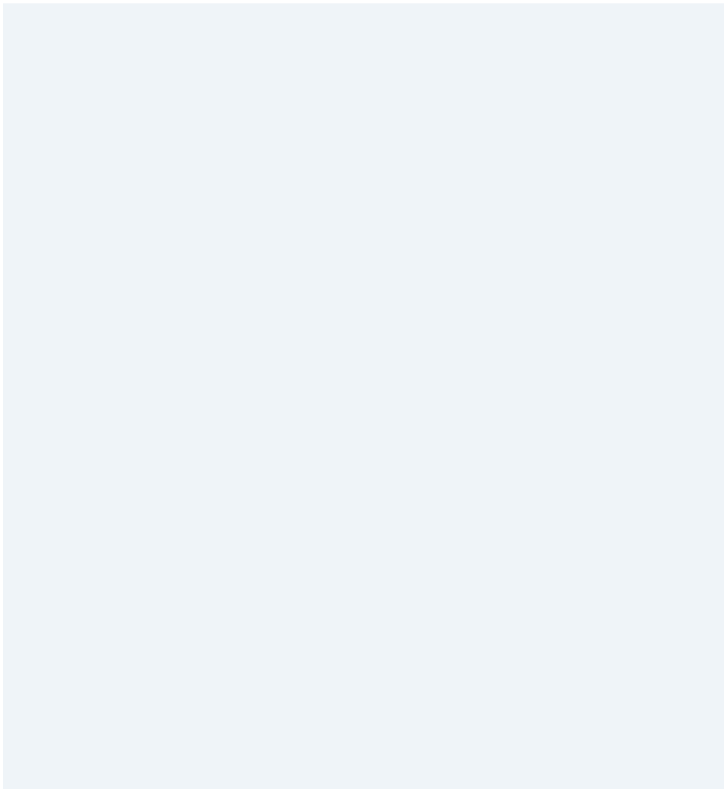
**FRESE - PUNTE / MILLS - DRILLS**

CNC



Forma Shape	Ø D	W	X	Ø H	T	E
11A2	125	6	6	20	30	12
11A2	125	8	6	20	30	12
11A2	125	10	6	20	30	12
11A2	125	12	6	20	30	12
11A2	125	14	6	20	30	12

**11A2**



AFFILATURA - COSTRUZIONE CNC / CNC SHARPENING - CONSTRUCTION

**LAME CIRCOLARI HSS / HSS SAW BLADE**
**SHARP**

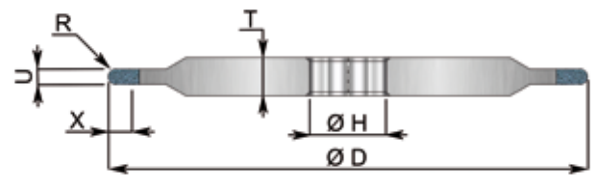

Macchina Businaro

Forma Shape	Ø D	X	U	R	Ø H	T
14F1	150	1,3	7	0,65	32	8
14F1	150	1,6	7	0,8	32	8
14F1	150	2	7	1	32	8
14F1	150	3	7	1,5	32	8
14F1	150	4	7	2	32	8

**14F1**

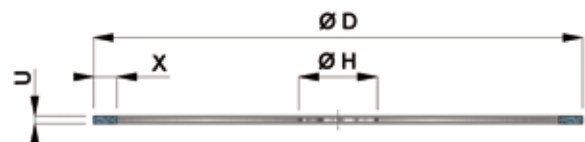
Macchina Businaro e Loroch

Forma Shape	Ø D	X	U	R	Ø H	T
14F1	200	1,3	7	0,65	32	8
14F1	200	1,6	7	0,8	32	8
14F1	200	2	7	1	32	8
14F1	200	3	7	1,5	32	8
14F1	200	4	7	2	32	8


**LAME CIRCOLARI HSS / HSS SAW BLADE**
**SHARP**


Dischi integrali per rompitruciolo

Forma Shape	Ø D	U	Ø H
1A1R	30	0,2	6
1A1R	30	0,3	6
1A1R	30	0,4	6

**1A1R**


AFFILATURA - COSTRUZIONE CNC / AFFILATURA COSTRUZIONE CNC





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