

CARBIDE & HSS SAW BLADES

PULSION EVOII
SHARP EVOII
WOOD LINE




said



SEIRIA

PULSIONEVOII SHARPEVOII WOODLINE

LA NUOVA GAMMA | THE NEW RANGE | DIE NEU PALETTE

PULSIONEVOII è la nuova gamma di mole SAID, appositamente studiate per essere impiegate su macchine CNC (ad assi controllati) tipo: **VOLLMER, WIDMA, AKEMAT, WALTER, GRIFO, UTMA.**

SHARPEVOII è la gamma di mole SAID studiate per essere impiegate su macchine CNC tipo **SCHMIDT, VOLLMER, LOMOCH, BUSINARO, PERUZZI.**

Tutte le mole contenute in questo catalogo sono a **legante resinoidi e metallico**, ed impiegano materie prime dell'ultima generazione.

Le mole sono state catalogate come segue:

- 1) Codice articolo
- 2) Forma
- 3) Dimensioni
- 4) Concentrazione
- 5) Grane
- 6) Durezza del legante
- 7) Lubrificante

Catalogazione dei leganti secondo SAID:
PULSION = nuovo
B = medio tenero
P = tenace
R = tenace
RR = extra tenace

Queste nuove mole si propongono come riferimento per essere impiegate nelle sempre più sofisticate macchine utensili, unendo alla qualità finale del prodotto prestazioni produttive elevate.

Elementi di interesse particolare sono rappresentati dall'utilizzo di materiali innovativi e dalla combinazione degli stessi con la struttura meccanica della mola di nuova concezione.

La particolare attenzione per i problemi ecologici, ha indirizzato la SAID all'uso di composti atossici non pericolosi per la salute dei propri clienti, che oggi vengono ampiamente usati nella produzione dei nostri utensili.

Innovazione e ricerca è il binomio futuristico che ci siamo proposti nella soddisfazione del cliente attento allo sviluppo della propria azienda.

The **PULSIONEVOII** line is the news range of SAID wheels specially designed to be used on CNC machines (with controlled axes), such as: **VOLLMER, WIDMA, AKEMAT, WALTER, GRIFO, UTMA.**

The **SHARPEVOII** line is the range of SAID wheels designed to be used on CNC machines, such as **SCHMIDT, VOLLMER, LOMOCH, BUSINARO, PERUZZI.**

All the wheels contained in this catalogue are **resin and metal bond** wheels and are produced in the latest generation of raw material.

The wheels have been catalogued based on their:

- 1) Item
- 2) Form
- 3) Dimensions
- 4) Concentration
- 5) Grits
- 6) Bond Hardness
- 7) Coolant

The new wheels are proposed as reference products for use on the increasingly sophisticated machine tools, combining high production performances with the final quality of the product.

Of particular interest are the innovative materials used in the production of the wheels and the combination of these materials with the mechanical structure of the newly conceived products.

SAID's concern for today's ecological problems, has led the company to use non toxic compounds which safeguard the health of our customers and which are widely used today in the production of our tools.

At SAID, innovation and research represent the key combination for satisfying the requirements of those customers for whom the development of their company is of primary importance.

Unter besonderer Beachtung der Auswirkungen auf die Umwelt hat sich SAID für den Einsatz ungiftiger und die Gesundheit nicht gefährdender Verbindungen entschieden, die bei der Herstellung unserer Werkzeuge heute weitestgehend Verwendung finden.

Innovation und Forschung sind die beiden Begriffe, die bei uns in Zukunft für die Zufriedenstellung unserer Kunden stehen, denen die Entwicklung ihrer Firma am Herzen liegt.

PULSIONEVOII ist die neue Palette von SAID-Schleifscheiben, die eigens für den Einsatz auf CNC-Maschinen (mit gesteuerten Achsen) vom Typ **VOLLMER, WIDMA, AKEMAT, WALTER, GRIFO, UTMA.**

SHARPEVOII ist die Palette von SAID-Schleifscheiben, die eigens für den Einsatz auf CNC-Maschinen vom Typ **SCHMIDT, VOLLMER, LOMOCH, BUSINARO, PERUZZI.**

Alle in dieser Liste aufgeführten Schleifscheiben haben eine **Harzbindung**, bei ihrer Herstellung wurde Rohstoffe der neuesten Generation verwendet.

Die Schleifscheiben wurden wie folgt katalogisiert:

- 1) Artikel
- 2) Form
- 3) Abmessungen
- 4) Konzentration
- 5) Granulometrien
- 6) Härte der Bindung
- 7) Schmlerung

Katalogisierung der Bindungen nach SAID:
PULSION = neue
B = mittelweich
P = fest klebend
R = fest klebend
RR = extrafest klebend

Diese neuartigen Schleifscheiben stellen einen Bezugspunkt für den Einsatz auf technisch immer hochentwickelteren Werkzeugmaschinen dar und vereinen die Eigenschaften eines qualitativ hochwertigen Endprodukts mit herausragenden Leistungen.

Besonders interessant dabei ist die Verwendung neuartiger Stoffe und die Kombination derselben mit der mechanischen Struktur der Schleifscheibe nach neuem Konzept.

Comparazioni Comparison table

inch		mm		inch		mm	
fraction	decimal frac.	mm	fraction	decimal frac.	mm	fraction	decimal frac.
1/64"	0,0156"	0,3969	33/64"	0,5156"	13,0968		
1/32"	0,0313"	0,7938	17/32"	0,5313"	13,4938		
3/64"	0,0469"	1,1906	35/64"	0,5469"	13,8906		
1/16"	0,0625"	1,5875	9/16"	0,5625"	14,2875		
5/64"	0,0781"	1,9844	37/64"	0,5781"	14,6844		
3/32"	0,0937"	2,3812	19/32"	0,5938"	15,0812		
7/64"	0,1094"	2,7781	39/64"	0,6094"	15,4781		
1/8"	0,1250"	3,175	5/8"	0,6250"	15,875		
9/64"	0,1406"	3,5718	41/64"	0,6406"	16,2718		
5/32"	0,1563"	3,9688	21/32"	0,6563"	16,6688		
11/64"	0,1719"	4,3656	43/64"	0,6719"	17,0656		
3/16"	0,1875"	4,7625	11/16"	0,6875"	17,4625		
13/64"	0,2031"	5,1594	45/64"	0,7031"	17,8594		
7/32"	0,2188"	5,5562	23/32"	0,7188"	18,2562		
15/64"	0,2344"	5,9531	47/64"	0,7344"	18,6531		
1/4"	0,2500"	6,35	3/4"	0,7500"	19,05		
17/64"	0,2656"	6,7468	49/64"	0,7656"	19,4468		
9/32"	0,2813"	7,1438	25/32"	0,7813"	19,8438		
19/64"	0,2969"	7,5406	51/64"	0,7969"	20,2406		
5/16"	0,3125"	7,9375	13/16"	0,8125"	20,6375		
21/64"	0,3281"	8,3344	53/64"	0,8281"	21,0344		
11/32"	0,3438"	8,7312	27/32"	0,8438"	21,4312		
23/64"	0,3594"	9,1281	55/64"	0,8594"	21,8281		
3/8"	0,3750"	9,525	7/8"	0,8750"	22,225		
25/64"	0,3906"	9,9218	57/64"	0,8906"	22,6218		
13/32"	0,4063"	10,3188	29/32"	0,9063"	23,0188		
27/64"	0,4219"	10,7156	59/64"	0,9219"	23,4156		
7/16"	0,4375"	11,1125	15/16"	0,9375"	23,8125		
29/64"	0,4531"	11,5094	61/64"	0,9531"	24,2094		
15/32"	0,4688"	11,9062	31/32"	0,9688"	24,6062		
31/64"	0,4844"	12,3031	63/64"	0,9844"	25,0031		
1/2"	0,5000"	12,7	1"	1,0000"	25,4		

Granulometrie Grits Granulomeren

INTERNATIONAL GRITS

FEPA STANDARD		US STANDARD	ISO 6106
DIAMOND CBN		ASTM- E -14 - 70	DIN 34 E / 1 /1980
		ENG -SERRÉ-NARROW	
D 1181	B 1181	16	1180 - 1000
D 1001	B 1001	18	1000 - 850
D 851	B 851	24	850 - 710
D 711	B 711	30	710 - 600
D 601	B 601	36	600 - 500
D 501	B 501	40	500 - 425
D 426	B 426	46	425 - 355
D 356	B 356	50	355 - 300
D 301	B 301	60	300 - 250
D 251	B 251	70	250 - 212
D 213	B 213	80	212 - 180
D 181	B 181	100	180 - 150
D 151	B 151	120	150 - 125
D 126	B 126	150	125 - 106
D 107	B 107	180	106 - 90
D 91	B 91	220	90 - 75
D 76	B 76	240	75 - 63
D 64	B 64	280	63 - 53
D 54	B 54	320	53 - 45
D 46	B 46	400	45 - 38

MICRO GRANE - MICROGRITS - MIKROSTRUKTUREN

D 39			
D 33		800	
D 27			30 - 40
D 25	B 25		20 - 40
D 20		1200	15 - 30
D 15	B 15	1300	10 - 20
D 12			8 - 16
D 9		1400	6 - 12
D 7		1500	4 - 8
D 3		2000	

PERCENTUALI DI CONCENTRAZIONE - CONCENTRATION PERCENTAGES - PROZENTSÄTZE KONZENTRATION

C = 50
C = 75
C = 100
C = 125
C = 135
C = 150

Lubrificazione - Lubrification - Schmierung

OIL = OLIO - OIL - mit OIL
U = umido - wet - mit Schmierung
S = secco - dry - ohne Schmierung

Diamante Diamond

Le velocità ideali sono comprese tra 15 e 30 m al secondo.
 Ideal speeds are between 15 and 30 m per second.
 Die idealen geschwindigkeiten legen zwischen 15 und 30 m inder sekunde.

CBN (Borazon)

Le velocità ideali sono comprese tra 25 e 45 m al secondo.
 Ideal speeds are between 25 and 45 m per second.
 Die idealen geschwindigkeiten legen zwischen 25 und 45 m inder sekunde.

Ø mm	10 m/s	15 m/s	20 m/s	25 m/s	30 m/s	35 m/s	40 m/s	45 m/s	50 m/s
5				●	●	●	●	●	●
10	19.000	●	●	●	●	●	●	●	●
15	12.600	19.100							
20	9.500	14.300	19.100						
25	7.600	11.500	15.300	19.100					
30	6.300	9.500	12.700	15.900	19.000				
40	4.800	7.200	9.600	11.900	14.300	16.700	19.100	21.500	23.900
50	3.800	5.700	7.600	9.500	11.400	13.400	15.300	17.000	19.000
75	2.500	3.800	5.100	6.400	7.700	9.000	10.200	11.500	12.800
100	1.900	2.900	3.800	4.800	5.700	6.700	7.600	8.500	9.500
125	1.500	2.300	3.000	3.800	4.600	5.300	6.100	6.900	7.650
150	1.260	1.900	2.500	3.200	3.800	4.500	5.100	5.700	6.350
175	1.080	1.600	2.200	2.700	3.300	3.800	4.400	4.900	5.450
200	950	1.400	1.900	2.400	2.900	3.400	3.800	4.300	4.800
250	750	1.150	1.500	1.900	2.300	2.700	3.100	3.400	3.800
300	640	950	1.300	1.600	1.900	2.200	2.500	2.900	3.200
350	545	820	1.100	1.400	1.600	1.900	2.200	2.500	2.700
400	480	725	960	1.200	1.450	1.700	1.900	2.150	2.400
450	425	650	850	1.100	1.300	1.500	1.700	1.900	2.100
500	385	500	750	950	1.150	1.300	1.500	1.700	1.900

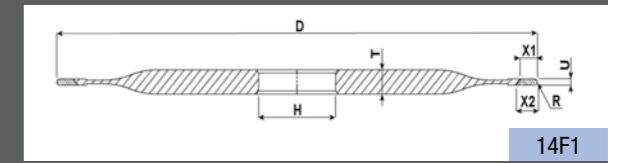
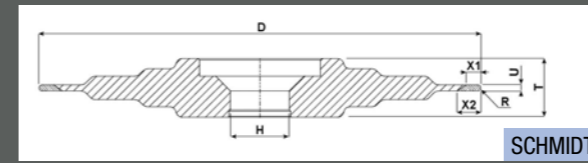
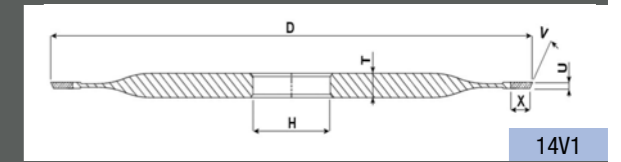
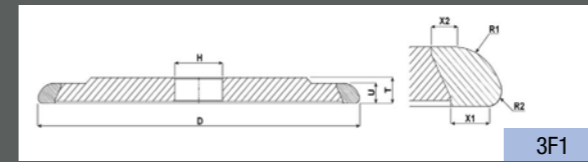
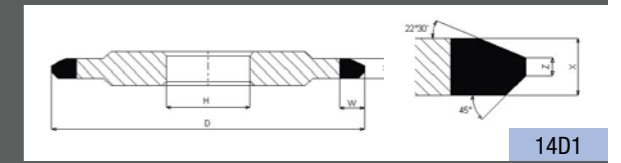
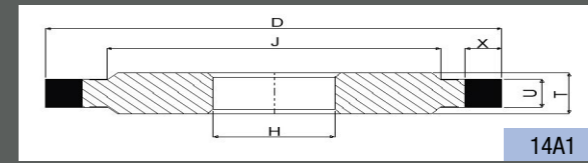
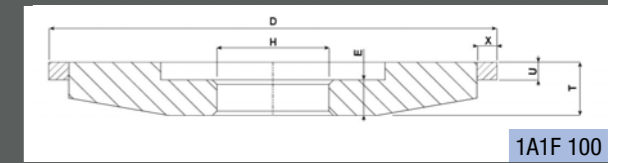
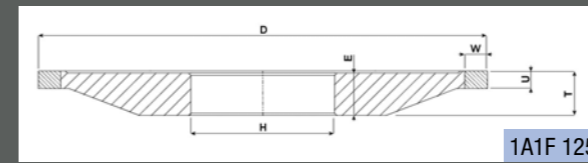
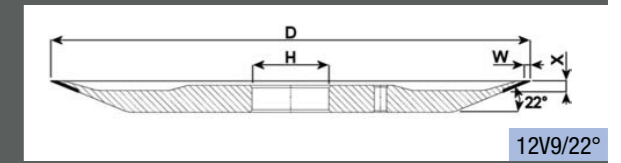
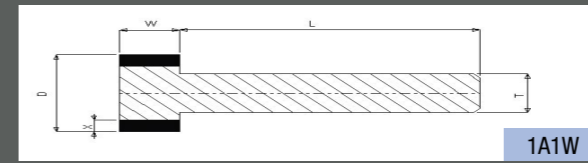
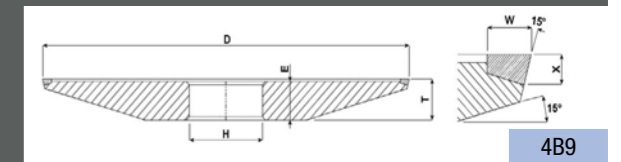
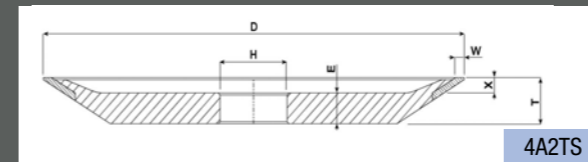
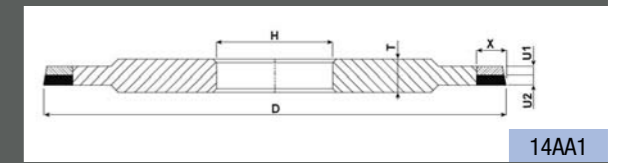
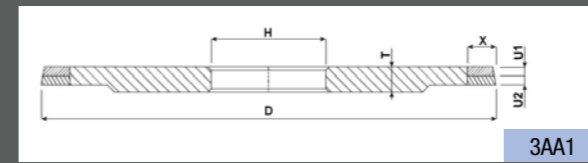
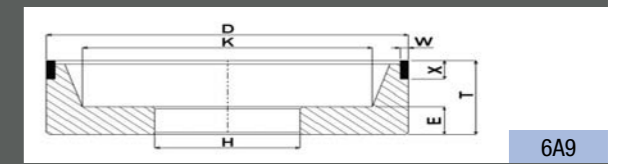
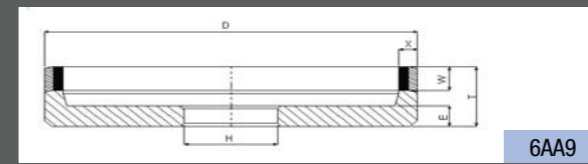
● Diamante / Diamond ● CBN (Borazon)

I fori di tutti gli utensili dovranno essere specificati nell'ordine. Per tutte le misure (diametro, spessore, inclinazione, ecc.) non presenti nel listino, SAID è a vostra disposizione per qualsiasi informazione sulle possibilità di realizzazioni personalizzate e sui prezzi di vendita.

The bore of all tools must be specified in the order. For all the dimensions (diameter, thickness, inclination, etc.) which are not present in the price list, SAID is at your disposal for any further information about the possibility of personalized solutions and pricing.

Die Löcher aller Werkzeuge müssen in der Bestellung angegeben werden. Für alle nicht im Verzeichnis aufgeführten Maße (Durchmesser, Stärke, Neigung usw.) steht Ihnen SAID gern für sämtliche Informationen in bezug auf Sonderanfertigungen und deren Verkaufspreise zur Verfügung.

Forme standard Standard shapes



Anche nel taglio del legno e degli agglomerati legnosi la perfezione diventa esigenza.

Con i nuovi prodotti della linea **PULSION EVO II** abbiamo raggiunto questo obiettivo migliorando le performance delle lame circolari in HM costruite o riaffilate con queste mole.

La perfezione del filo tagliente e la bassa rugosità delle superfici del dente garantiscono alla lama una durata superiore e ne esaltano la dolcezza nell'operazione di taglio.

In termini di prestazioni l'aumento della finitura sul filo tagliente garantisce alla lama una durata del 20% in più rispetto allo standard. Di seguito riportiamo due esempi di finitura sul filo tagliente.

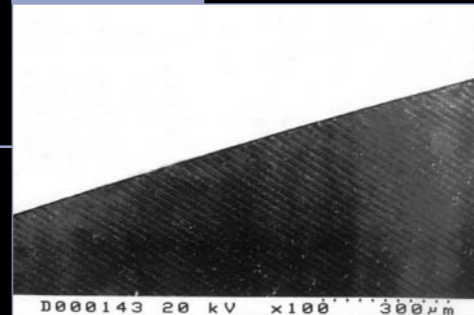
Le resine della famiglia **EVO II**, diventate ormai simbolo di sviluppo tecnologico, sono state utilizzate per rendere questa linea prodotto unica nel mercato.

Oltre a garantire una durata superiore della mola queste resine sono molto stabili nel tempo e per questo motivo le differenze da una mola all'altra non sono percettibili; ciò costituisce un enorme vantaggio per chi usa macchine CNC dove la costanza qualitativa della mola è fondamentale per la ricerca dei parametri di avanzamento e di consumo.

ESEMPIO DI FINITURA SUL FILO TAGLIANTE

EXAMPLE OF CUTTING EDGE FINISHING

PULSION EVO II



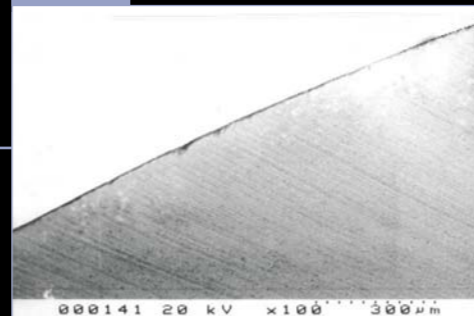
Cutting wood and chipboard perfection is a requirement.

The new product line, **PULSION EVO II** we have achieved this objective improving the performance of saw blades in HM manufactured or reground with this wheel. The perfection on the cutting edge and the smooth surface on the teeth guaranty that the saw blade will last longer, and improve the cutting operation. In terms of performance, the finishing the cutting edge guaranty 20% increase on the tool life against any other conventional saw blade. The following are to examples of finishing on the cutting edge.

The bond **EVO II**, a recognized technology development, has been made to satisfy a demand in the market.

Besides guaraty a longer life in the grinding wheel, this bond is very stable in time, this difference between this grinding wheel and any other conventional wheel can be perfectly seen. This, is a great advandtage for CNC grinder where wheel quality consistency is important to improve production.

BRAND X



Auch in den Holzverbundwerkstoffen ist Perfektion zur Forderung gemacht worden.

Mit den neuen Produkten der Linie **PULSION EVO II** sind wir diesem Ziel näher gekommen durch Verbesserung der Leistung der mit Hilfe unsere Schleifscheiben gefertigten bzw. nachgeschliffenen HM-Kreissägeblätter. Die Perfektion der Schneidekante und die geringe Rauhtiefe der Zahnoberflächen garantieren dem Sägeblatt eine um 20% höhere Standzeit in Vergleich zum Standard.

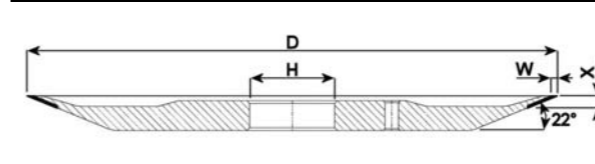
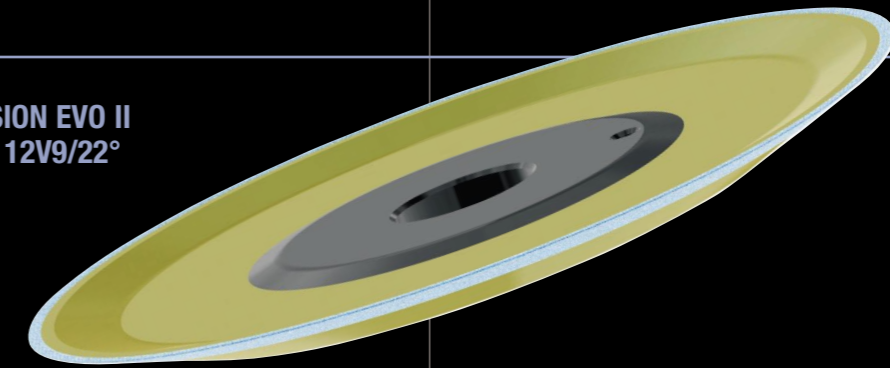
Im folgenden führen wir zwei Merkmale betreffend die Oberflächengüte der Schneidekante an: Bindungen aus der Familie **EVO II**, mittlerweile Symbole von technologischem Fortschritt, sind dazu genutzt worden, um diese einzigartige Produktlinie auf den Markt zu bringen.

Außer einer höheren Standzeitgarantie der Schleifscheiben verhalten sich die Bindungen zeitlich sehr stabil über längere Zeitspannen und aus diesem Grund sind auch keine Streuungen von einer Schleifscheibe zur anderen wahrnehmbar; dieses bedeutet einen enormen Vorteil für Anwender von CNC-Automaten, auf welchen die Qualitätskonstanz grundlegend ist zur Herausarbeitung von Parametern wie Vorschub und Zustellung.

Per le mole utilizzate nella rettifica del petto dove gli spazi sono ridotti, abbiamo sviluppato una nuova geometria con un angolo di taglio di 22°.

Anche in questo caso abbiamo utilizzato le migliori tecnologie disponibili: il corpo della mola è costruito con materiali fonoassorbenti che attutiscono le vibrazioni mentre il legante, di ultima generazione, fa parte della famiglia **EVO II**.

PULSION EVO II NEW 12V9/22°



Using grinding wheel for profiling where the space is reduced, we have developed a new geometry with 22 degree cutting angle.

Also in this case we have used the best technology available. the corp is made out of sound absorbent material that deaden vibration, while the latest generation bond is part of the **EVO II** family.

Für die Brustschliffscheiben bei eng begrenzter Zahnteilung haben wir eine enge neue Geometrie mit einem Winkel von 22° entwickelt.

Auch hier haben wir auf die besten verfügbaren Technologien gesetzt: der Körper der Schleifscheibe besteht aus schallabsorbierendem Material zur Dämpfung von Schwingungen während die Bindung der o. e. Familie **EVO II** angehört.

PULSION EVO II	W1	PCS	SFM
	Diamond	20 m/sec	360



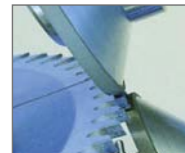
Usato nell'operazione di affilatura del dorso, la finitura ottenuta sul filo tagliente è ottima, come la durata della mola.
Used on the top grinding operation, the finishing obtain on the cutting edge is excellent, since the wheel last longer.
Zur Bearbeitung des Zahnrückens, die erzielte Oberflächengüte sowie die Standzeit der Schleifscheibe sind optimal.

PULSION EVO II	F1	PCS	SFM
	Diamond	20-25 m/sec	360-450



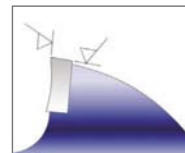
Usato nell'operazione di affilatura del petto, la finitura ottenuta sulla superficie è omogenea e non presenta rigature.
Used to grind the face, the surface finishing is homogeneous and does not lean any marks.
Zur Bearbeitung der Zahnbrust, die erzielte Oberflächengüte ist gleichförmig und riefenfrei.

PULSION EVO II	S1	PCS	SFM
	Diamond	20 m/sec	360



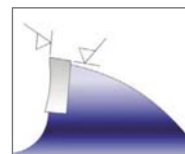
Usato nell'operazione di affilatura dei fianchi, l'elevata taglienza di questo legante esalta la finitura e la durata della mola.
Used on the side grinding operation, the high cut of this bond exalt the finishing and the wheel life.
Zur Bearbeitung der Zahnflanken, die hohe Schnittigkeit sticht vor Oberflächengüte und Standzeit heraus.

PULSION EVO II	CW1	CERMET
	Diamond	



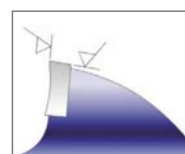
Usato nell'operazione di affilatura del dorso, la rugosità ottenuta sulla superficie del dente è ottima.
Used on the top grinding operation, the teeth roughing obtain is excellent.
Zur Bearbeitung des Zahnrückens, die erzielte Oberflächengüte ist sehr hoch.

PULSION EVO II	CF1	CERMET
	Diamond	



Usato nell'operazione di affilatura del petto, la rugosità ottenuta sulla superficie del dente è ottima.
Used to grind the face, the teeth roughing obtain is excellent.
Zur Bearbeitung der Zahnbrust, die erzielte Oberflächentiefe ist sehr niedrig.

PULSION EVO II	CS1	CERMET
	Diamond	



Usato nell'operazione di affilatura deli fianchi, la rugosità ottenuta sulla superficie del dente e la perfezione delle geometrie è ottima.
Used on the side grinding operation, the surface teeth roughing is perfect and its geometry is excellent.
Zur Bearbeitung der Zahnflanken, die erzielte Oberflächenrauigkeit und die Formhaltigkeit sind optimal.

SHARP EVO II	P	PCS	SFM
	CBN	60 m/sec	1100



Usato in operazioni di forte asportazione ottimo connubio di taglienza e tenuta del profilo della mola, la finitura sul filo tagliente è ottima.
For applications requiring high removal rates, the finishing on the cutting edge is excelent.
Für die Anwendung mit hoher Abtrags Leistung und hoechster Schmeiden den qualität.

WOOD LINE	B	PCS	SFM
	Diamond	16 m/sec	290
	CBN	26m/sec	470

Usato in operazioni di forte asportazione connubio di taglienza e durata.

Used in operation requiring strong removal of material in which are the same importance cutting capacity and dura-tion.

Wird beim Arbeiten mit starkem Abtragverwenden, eine Verbindung von Schnittschärfe und Lebensdauer.

WOOD LINE	R	PCS	SFM
	Diamond	22-25 m/sec	400-450
	CBN	26-30 m/sec	470-550

Usato in operazioni di massima precisione dove la quantità di materiale asportato non è elevata e il mantenimen-to del profilo della mola è privilegiato.

Used in operation requiring maximum precision in which the quantity of removed material is not elevated and it's important the preservation of the wheel profile.

Wird bei Arbeiten mit hoher Präzision verwendet, bei denen die abgetragene Materialmenge nicht besonders groß und die Beibehaltung des Schleifscheibenprofils von Bedeutung ist.

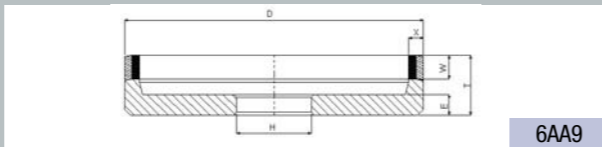
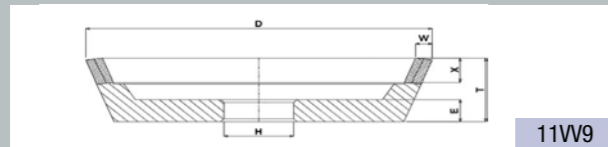
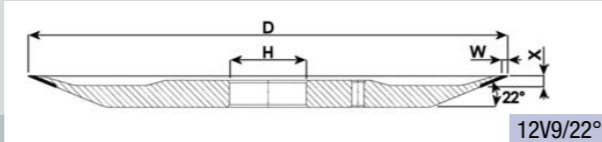
WOOD LINE	RR	PCS	SFM
	Diamond	24-30 m/sec	430-550
	CBN	30-34 m/sec	550-600

Usato in operazioni di finitura e ritocco dove il mantenimento del profilo della mola e la rugosità ottenuta sul pezzo sono fondamentali.

Used in finishing and retouching operations in which preservation of the wheel profile and the roughness obtained on the piece are fundamental.

Wird bei der Fertig und Nachbearbeitung eingesetzt, bei der die Beibehaltung des Schleifscheibenprofils und die auf dem Werkstück erzielte Rauheit grundlegend sind.

PULSION EVO II



Ø 125 / 5"		mm	inch	mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	W		X		T		E		CONC.	BOND	COOLANT
206 1 1 232 3ZH32	D12V9/22°	2,3	3/32"	4	5/32"	12	1/2"	8	5/16"	100	F 1	Oil-Emul.

Ø 160 / 6"		mm	inch	mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	W		X		T		E		CONC.	BOND	COOLANT
206 1 1 232 ZZH32	D12V9/22°	2,3	3/32"	4	5/32"	13	1/2"	11	7/16"	100	F 1	Oil-Emul.

Ø 200 / 8"		mm	inch	mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	W		X		T		E		CONC.	BOND	COOLANT
206 1 1 232 6ZH32	D12V9/22°	2,3	3/32"	4	5/32"	13	1/2"	11	7/16"	100	F 1	Oil-Emul.

Ø 75 / 3"		mm	inch	mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	W1 + W2		X		T		E		CONC.	BOND	COOLANT
206 1 1 027 1392	D6AA9	2,5+2,5	13/64"	6	1/4"	17	43/64"	9	23/64"	100/75	W 1	Oil-Emul.

Ø 100 / 4"		mm	inch	mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	W1 + W2		X		T		E		CONC.	BOND	COOLANT
206 1 1 027 2342B	D6AA9	2,5+2,5	13/64"	8	5/16"	18	45/64"	8	5/16"	100/75	W 1	Oil-Emul.
206 1 1 027 2342B	D6AA9	2,5+2,5	13/64"	8	5/16"	20	45/64"	8	5/16"	100/75	W 1	Oil-Emul.
206 1 1 027 2342C	D6AA9	2,5+2,5	13/64"	10	3/8"	22	7/8"	8	5/16"	100/75	W 1	Oil-Emul.

Ø 125 / 5"		mm	inch	mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	W1 + W2		X		T		E		CONC.	BOND	COOLANT
206 1 1 027 3342B	D6AA9	2,5+2,5	13/64"	8	5/16"	20	51/64"	11	7/16"	100/75	W 1	Oil-Emul.
206 1 1 027 3342C	D6AA9	2,5+2,5	13/64"	10	3/8"	22	7/8"	11	7/16"	100/75	W 1	Oil-Emul.

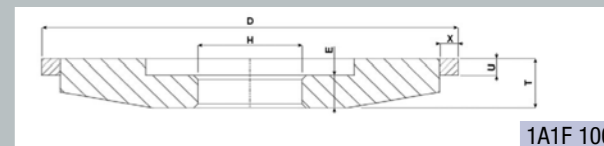
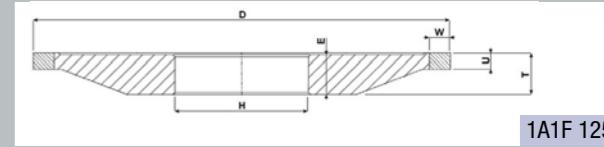
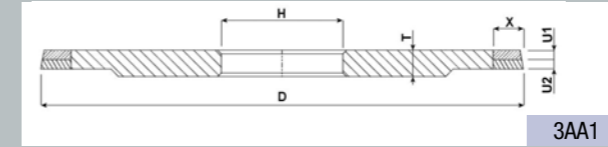
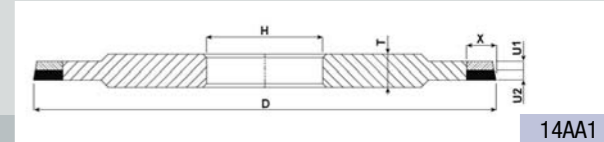
Ø 150 / 6"		mm	inch	mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	W1 + W2		X		T		E		CONC.	BOND	COOLANT
206 1 1 027 4342B	D6AA9	2,5+2,5	13/64"	8	5/16"	20	51/64"	11	7/16"	100/75	W 1	Oil-Emul.

Ø 75 / 3"		mm	inch	mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	W1 + W2		X		T		E		CONC.	BOND	COOLANT
206 1 1 204 1392	D11W9	2,5+2,5	13/64"	6	1/4"	17	43/64"	9	23/64"	100/75	W 1	Oil-Emul.

Ø 100 / 4"		mm	inch	mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	W1 + W2		X		T		E		CONC.	BOND	COOLANT
206 1 1 204 2342B	D11W9	2,5+2,5	13/64"	8	5/16"	18	45/64"	8	5/16"	100/75	W 1	Oil-Emul.
206 1 1 204 2342B	D11W9	2,5+2,5	13/64"	8	5/16"	20	45/64"	8	5/16"	100/75	W 1	Oil-Emul.
206 1 1 204 2342C	D11W9	2,5+2,5	13/64"	10	3/8"	22	7/8"	8	5/16"	100/75	W 1	Oil-Emul.

Ø 125 / 5"		mm	inch	mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	W1 + W2		X		T		E		CONC.	BOND	COOLANT
206 1 1 204 3342B	D11W9	2,5+2,5	13/64"	8	5/16"	20	51/64"	11	7/16"	100/75	W 1	Oil-Emul.
206 1 1 204 3342C	D11W9	2,5+2,5	13/64"	10	3/8"	22	7/8"	11	7/16"	100/75	W 1	Oil-Emul.

PULSION EVO II



Ø 127 / 5"		mm	inch	mm	inch	mm	inch	DIAMOND			
ITEM NUMBER	FORM	U1 + U2		X		T		CONC.	BOND	COOLANT	
206 1 1 034 3342A	D14AA1	2,5+2,5	13/64"	7	9/32"	9	23/64"	100/75	W 1	Oil-Emul.	
206 1 1 034 3342A	D14AA1	2,5+2,5	13/64"	7	9/32"	15	19/32"	100/75	W 1	Oil-Emul.	

Ø 150 / 6"		mm	inch	mm	inch	mm	inch	DIAMOND			
ITEM NUMBER	FORM	U1 + U2		X		T		CONC.	BOND	COOLANT	
206 1 1 034 4342B	D14AA1	2,5+2,5	13/64"	8	5/16"	10	3/8"	100/75	W 1	Oil-Emul.	

Ø 200 / 8"		mm	inch	mm	inch	mm	inch	DIAMOND			
ITEM NUMBER	FORM	U1 + U2		X		T		CONC.	BOND	COOLANT	
206 1 1 034 6342B	D14AA1	2,5+2,5	13/64"	8	5/16"	10	3/8"	100/75	W 1	Oil-Emul.	

Ø 127 / 5"		mm	inch	mm	inch	mm	inch	DIAMOND			
ITEM NUMBER	FORM	U1 + U2		X		T		CONC.	BOND	COOLANT	
206 1 1 196 3342A	D3AA1	2,5+2,5	13/64"	7	9/32"	9	23/64"	100/75	W 1	Oil-Emul.	

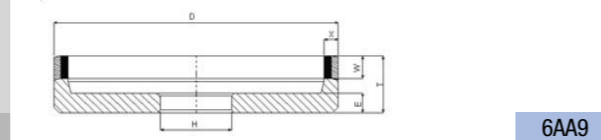
Ø 200 / 8"		mm	inch	mm	inch	mm	inch	DIAMOND			
ITEM NUMBER	FORM	U1 + U2		X		T		CONC.	BOND	COOLANT	
206 1 1 196 6342B	D3AA1	2,5+2,5	13/64"	8	5/16"	10	3/8"	100/75	W 1	Oil-Emul.	

Ø 75 / 3"		mm	inch	mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	U		X		T		E		CONC.	BOND	COOLANT
206 1 1 205 1318	D1A1F 100	4	5/32"	4,5	3/16"	14	9/16"	11	7/16"	100	S 1	Oil-Emul.

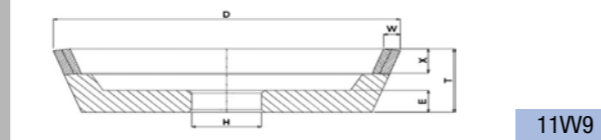
Ø 100 / 4"		mm	inch	mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	U		X		T		E		CONC.	BOND	COOLANT
206 1 1 205 2318	D1A1F 100	4	5/32"	4,5	3/16"	16,5	21/32"	11	7/16"	100	S 1	Oil-Emul.

Ø 100 / 4"		mm	inch	mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	U		X		T		E		CONC.	BOND	COOLANT
206 1 1 040 3318	D1A1F 125	4	5/32"	4,5	3/16"	14	9/16"	11	7/16"	100	S 1	Oil-Emul.

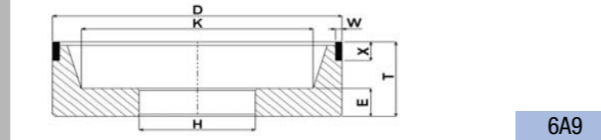
WOOD LINE



6AA9



11W9



6A9

Ø 75 / 3"		mm	inch	mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	W1 + W2		X	T		E	CONC.	BOND	COOLANT		
106 1 1 027 1392	D6AA9	2,5+2,5	13/64"	6	1/4"	17	43/64"	9	23/64"	100/75	B / R	Oil-Emul.
106 1 1 027 1452	D6AA9	3+3	1/4"	6	1/4"	17	43/64"	9	23/64"	100/75	B / R	Oil-Emul.

Ø 100 / 4"		mm	inch	mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	W1 + W2		X	T		E	CONC.	BOND	COOLANT		
106 1 1 027 2342B	D6AA9	2,5+2,5	13/64"	8	5/16"	18	45/64"	8	5/16"	100/75	B / R	Oil-Emul.
106 1 1 027 2342B	D6AA9	2,5+2,5	13/64"	8	5/16"	20	45/64"	8	5/16"	100/75	B / R	Oil-Emul.
106 1 1 027 2342C	D6AA9	2,5+2,5	13/64"	10	3/8"	22	7/8"	8	5/16"	100/75	B / R	Oil-Emul.

Ø 125 / 5"		mm	inch	mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	W1 + W2		X	T		E	CONC.	BOND	COOLANT		
106 1 1 027 3342B	D6AA9	2,5+2,5	13/64"	8	5/16"	20	51/64"	11	7/16"	100/75	B / R	Oil-Emul.
106 1 1 027 3402B	D6AAA9	2+2+2	1/4"	8	5/16"	18	45/64"	11	7/16"	100/75	B / R	Oil-Emul.
106 1 1 027 3342C	D6AA9	2,5+2,5	13/64"	10	3/8"	22	7/8"	11	7/16"	100/75	B / R	Oil-Emul.

Ø 150 / 6"		mm	inch	mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	W1 + W2		X	T		E	CONC.	BOND	COOLANT		
106 1 1 027 4342B	D6AA9	2,5+2,5	13/64"	8	5/16"	20	51/64"	11	7/16"	100/75	B / R	Oil-Emul.

Ø 75 / 3"		mm	inch	mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	W1 + W2		X	T		E	CONC.	BOND	COOLANT		
106 1 1 204 1392	D11W9	2,5+2,5	13/64"	6	1/4"	17	43/64"	9	23/64"	100/75	B / R	Oil-Emul.

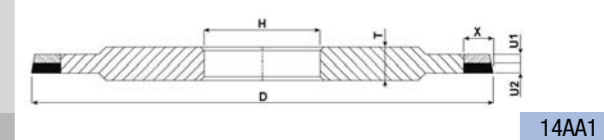
Ø 100 / 4"		mm	inch	mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	W1 + W2		X	T		E	CONC.	BOND	COOLANT		
106 1 1 204 2342B	D11W9	2,5+2,5	13/64"	8	5/16"	18	45/64"	8	5/16"	100/75	B / R	Oil-Emul.
106 1 1 204 2342B	D11W9	2,5+2,5	13/64"	8	5/16"	20	51/64"	8	5/16"	100/75	B / R	Oil-Emul.
106 1 1 204 2342C	D11W9	2,5+2,5	13/64"	10	3/8"	22	7/8"	8	5/16"	100/75	B / R	Oil-Emul.

Ø 125 / 5"		mm	inch	mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	W1 + W2		X	T		E	CONC.	BOND	COOLANT		
106 1 1 204 3342B	D11W9	2,5+2,5	13/64"	8	5/16"	20	51/64"	11	7/16"	100/75	B / R	Oil-Emul.
106 1 1 204 3342B	D11W9	2,5+2,5	13/64"	10	3/8"	22	7/8"	11	7/16"	100/75	B / R	Oil-Emul.

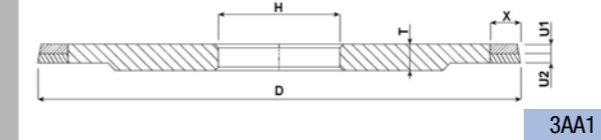
Ø 75 / 3"		mm	inch	mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	W	X	T		E	CONC.	BOND	COOLANT			
106 1 1 026 2272	D6A9	3	1/8"	6	1/4"	20	51/64"	11	7/16"	100	B / R	Oil-Emul.

Ø 125 / 5"		mm	inch	mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	W	X	T		E	CONC.	BOND	COOLANT			
106 1 1 026 3272	D6A9	3	1/8"	6	1/4"	20	51/64"	11	7/16"	100	B / R	Oil-Emul.
106 1 1 026 3342C	D6A9	5	13/64"	10	3/8"	22	7/8"	11	7/16"	100	B / R	Oil-Emul.

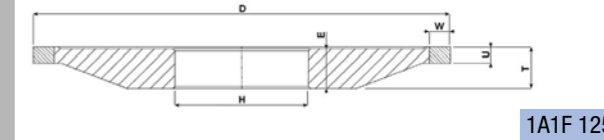
WOOD LINE



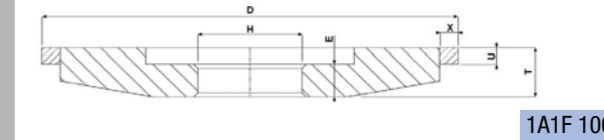
14AA1



3AA1



1A1F 125



1A1F 100

Ø 127 / 5"		mm	inch	mm	inch	mm	inch	DIAMOND			
ITEM NUMBER	FORM	U1 + U2		X	T		CONC.	BOND	COOLANT		
106 1 1 034 3342A	D14AA1	2,5+2,5	13/64"	7	9/32"	9	23/64"	100/75	B / R	Oil-Emul.	
106 1 1 034 3342A	D14AA1	2,5+2,5	13/64"	7	9/32"	15	19/32"	100/75	B / R	Oil-Emul.	

Ø 150 / 6"		mm	inch	mm	inch	mm	inch	DIAMOND			
ITEM NUMBER	FORM	U1 + U2		X	T		CONC.	BOND	COOLANT		
106 1 1 034 4342B	D14AA1	2,5+2,5	13/64"	8	5/16"	10	3/8"	100/75	B / R	Oil-Emul.	

Ø 200 / 8"		mm	inch	mm	inch	mm	inch	DIAMOND			
ITEM NUMBER	FORM	U1 + U2		X	T		CONC.	BOND	COOLANT		
106 1 1 034 6342B	D14AA1	2,5+2,5	13/64"	8	5/16"	10	3/8"	100/75	B / R	Oil-Emul.	

Ø 127 / 5"		mm	inch	mm	inch	mm	inch	DIAMOND			
ITEM NUMBER	FORM	U1 + U2		X	T		CONC.	BOND	COOLANT		
106 1 1 196 6342A	D3AA1	2,5+2,5	13/64"	7	9/32"	9	23/64"	100/75	B / R	Oil-Emul.	

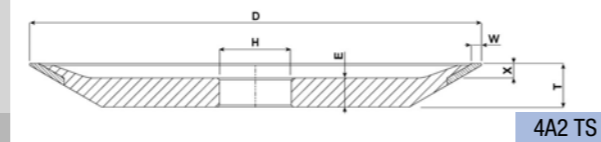
Ø 200 / 8"		mm	inch	mm	inch	mm	inch	DIAMOND			
ITEM NUMBER	FORM	U1 + U2		X	T		CONC.	BOND	COOLANT		
106 1 1 196 6342B	D3AA1	2,5+2,5	13/64"	8	5/16"	10	3/8"	100/75	B / R	Oil-Emul.	

Ø 75 / 3"		mm	inch	mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	U	X	T		E	CONC.	BOND	COOLANT			
106 1 1 205 1318	D1A1F 100	4	5/32"	4,5	3/16"	14	9/16"	11	7/16"	100	B / R	Oil-Emul.

Ø 100 / 4"		mm	inch	mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	U	X	T		E	CONC.	BOND	COOLANT			
106 1 1 205 2317	D1A1F 100	4	5/32"	4,5	3/16"	16,5	21/32"	11	7/16"	75	B / R	Oil-Emul.
106 1 1 205 2318	D1A1F 100	4	5/32"	4,5	3/16"	16,5	21/32"	11	7/16"	100	B / R	Oil-Emul.

Ø 125 / 5"		mm	inch	mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	U	X	T		E	CONC.	BOND	COOLANT			
106 1 1 040 3318	D1A1F 125	4	5/32"	4,5	3/16"	14	9/16"	11	7/16"	100	B / R	Oil-Emul.

WOOD LINE



4A2 TS

Ø 75 / 3"		mm	inch	mm	inch	mm	inch		DIAMOND		
ITEM NUMBER	FORM	W		X		T		V°	CONC.	BOND	COOLANT
106 1 1 013 1292	D4A2TS	4	5/32"	2	5/64"	10	3/8"	25°	100	B / R	Oil-Emul.

Ø 100 / 4"		mm	inch	mm	inch	mm	inch		DIAMOND		
ITEM NUMBER	FORM	W		X		T		V°	CONC.	BOND	COOLANT
106 1 1 013 2292	D4A2TS	4	5/32"	2	5/64"	12	1/2"	25°	100	B / R	Oil-Emul.
106 1 1 013 2293	D4A2TS	4	5/32"	2	5/64"	12	1/2"	25°	125	B / R	Oil-Emul.

Ø 125 / 5"		mm	inch	mm	inch	mm	inch		DIAMOND		
ITEM NUMBER	FORM	W		X		T		V°	CONC.	BOND	COOLANT
106 1 1 013 3292	D4A2TS	4	5/32"	2	5/64"	12	1/2"	25°	100	B / R	Oil-Emul.
106 1 1 013 2293	D4A2TS	4	5/32"	2	5/64"	12	1/2"	25°	125	B / R	Oil-Emul.

Ø 150 / 6"		mm	inch	mm	inch	mm	inch		DIAMOND		
ITEM NUMBER	FORM	W		X		T		V°	CONC.	BOND	COOLANT
106 1 1 013 4292	D4A2TS	4	5/32"	2	5/64"	12	1/2"	25°	100	B / R	Oil-Emul.
106 1 1 013 4293	D4A2TS	4	5/32"	2	5/64"	12	1/2"	25°	125	B / R	Oil-Emul.

Ø 175 / 7"		mm	inch	mm	inch	mm	inch		DIAMOND		
ITEM NUMBER	FORM	W		X		T		V°	CONC.	BOND	COOLANT
106 1 1 013 5292	D4A2TS	4	5/32"	2	5/64"	13	1/2"	25°	100	B / R	Oil-Emul.
106 1 1 013 5293	D4A2TS	4	5/32"	2	5/64"	13	1/2"	25°	125	B / R	Oil-Emul.

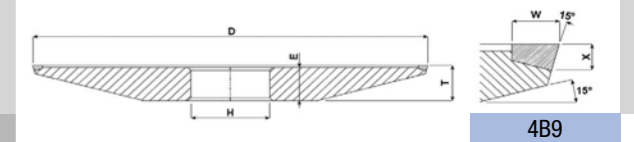
Ø 200 / 8"		mm	inch	mm	inch	mm	inch		DIAMOND		
ITEM NUMBER	FORM	W		X		T		V°	CONC.	BOND	COOLANT
106 1 1 013 6292	D4A2TS	4	5/32"	2	5/64"	12	1/2"	25°	100	B / R	Oil-Emul.
106 1 1 013 6293	D4A2TS	4	5/32"	2	5/64"	12	1/2"	25°	125	B / R	Oil-Emul.

Ø 125 / 5"		mm	inch	mm	inch	mm	inch		DIAMOND		
ITEM NUMBER	FORM	W		X		T		V°	CONC.	BOND	COOLANT
106 1 1 013 3ZL32	D4A2TS	2,5	7/64"	4	5/32"	12	1/2"	25°	100	B / R	Oil-Emul.
106 1 1 013 3ZL33	D4A2TS	2,5	7/64"	4	5/32"	12	1/2"	25°	125	B / R	Oil-Emul.

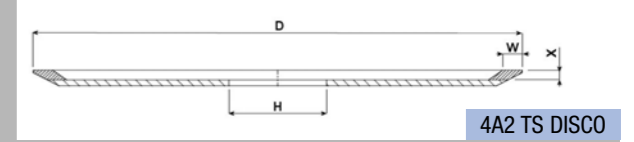
Ø 150 / 6"		mm	inch	mm	inch	mm	inch		DIAMOND		
ITEM NUMBER	FORM	W		X		T		V°	CONC.	BOND	COOLANT
106 1 1 013 4ZL32	D4A2TS	2,5	7/64"	4	5/32"	12	1/2"	25°	100	B / R	Oil-Emul.
106 1 1 013 4ZL33	D4A2TS	2,5	7/64"	4	5/32"	12	1/2"	25°	125	B / R	Oil-Emul.

Ø 150 / 6"		mm	inch	mm	inch	mm	inch		DIAMOND		
ITEM NUMBER	FORM	W		X		T		V°	CONC.	BOND	COOLANT
106 1 1 013 6ZL32	D4A2TS	2,5	7/64"	4	5/32"	13	1/2"	25°	100	B / R	Oil-Emul.
106 1 1 013 6ZL33	D4A2TS	2,5	7/64"	4	5/32"	13	1/2"	25°	125	B / R	Oil-Emul.

WOOD LINE



4B9



4A2 TS DISCO

Ø 100 / 4"		mm	inch	mm	inch	mm	inch		DIAMOND		
ITEM NUMBER	FORM	W		X		T		V°	CONC.	BOND	COOLANT
106 1 1 017 2222	D4B9	3	1/8"	1,8	1/16"	12	1/2"	15°	100	B / R	Oil-Emul.
106 1 1 017 2223	D4B9	3	1/8"	1,8	1/16"	12	1/2"	15°	125	B / R	Oil-Emul.

Ø 125 / 5"		mm	inch	mm	inch	mm	inch		DIAMOND		
ITEM NUMBER	FORM	W		X		T		E	CONC.	BOND	COOLANT
106 1 1 017 3222	D4B9	3	1/8"	1,8	1/16"	12	1/2"	15°	100	B / R	Oil-Emul.
106 1 1 017 3223	D4B9	3	1/8"	1,8	1/16"	12	1/2"	15°	125	B / R	Oil-Emul.

Ø 150 / 6"		mm	inch	mm	inch	mm	inch		DIAMOND		
ITEM NUMBER	FORM	W		X		T		E	CONC.	BOND	COOLANT
106 1 1 017 4222	D4B9	3	1/8"	1,8	1/16"	12	1/2"	15°	100	B / R	Oil-Emul.
106 1 1 017 4223	D4B9	3	1/8"	1,8	1/16"	12	1/2"	15°	125	B / R	Oil-Emul.

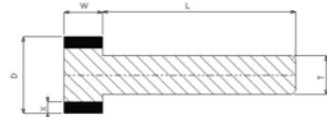
Ø 175 / 7"		mm	inch	mm	inch	mm	inch		DIAMOND		
ITEM NUMBER	FORM	W		X		T		V°	CONC.	BOND	COOLANT
106 1 1 017 5222	D4B9	3	1/8"	1,8	1/16"	12	1/2"	15°	100	B / R	Oil-Emul.
106 1 1 017 5223	D4B9	3	1/8"	1,8	1/16"	12	1/2"	15°	125	B / R	Oil-Emul.

Ø 75 / 3"		mm	inch	mm	inch	mm	inch		DIAMOND		
ITEM NUMBER	FORM	W		X		T			CONC.	BOND	COOLANT
106 1 1 192 1292	D4A2 TS DIS.	4	5/32"	2	5/64"	3,2	1/8"		100	B / R	Oil-Emul.

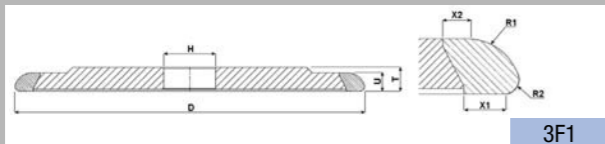
Ø 100 / 4"		mm	inch	mm	inch	mm	inch		DIAMOND		
ITEM NUMBER	FORM	W		X		T			CONC.	BOND	COOLANT
106 1 1 192 2292	D4A2 TS DIS.	4	5/32"	2	5/64"	3,2	1/8"		100	B / R	Oil-Emul.

Ø 100 / 4"		mm	inch	mm	inch	mm	inch		DIAMOND		
ITEM NUMBER	FORM	W		X		T			CONC.	BOND	COOLANT
106 1 1 192 3292	D4A2 TS DIS.	4	5/32"	2	5/64"	4	5/32"		100	B / R	Oil-Emul.

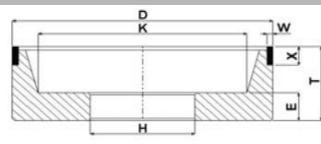
WOOD LINE



1A1 W



3F1



6A9

Ø 4 5/32"		mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	W		X		Ø + L		CONC.	BOND	COOLANT
106 1 1 033 B649	D1A1W	10	3/8"	1,5	1/16"	6 x 66	1/4" x 3"	125	B / R	Oil-Emul.

Ø 5 13/64"		mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	W		X		Ø + L		CONC.	BOND	COOLANT
106 1 1 033 C649	D1A1W	10	3/8"	1,5	1/16"	6 x 66	1/4" x 3"	125	B / R	Oil-Emul.

Ø 6 1/4"		mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	W		X		Ø + L		CONC.	BOND	COOLANT
106 1 1 033 D226	D1A1W	3	1/8"	1,5	1/16"	6 x 66	1/4" x 3"	125	B / R	Oil-Emul.
106 1 1 033 D409	D1A1W	6	1/4"	1,5	1/16"	6 x 66	1/4" x 3"	125	B / R	Oil-Emul.
106 1 1 033 D649	D1A1W	10	3/8"	1,5	1/16"	6 x 66	1/4" x 3"	125	B / R	Oil-Emul.

Ø 7 9/32"		mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	W		X		Ø + L		CONC.	BOND	COOLANT
106 1 1 033 AG233	D1A1W	3	1/8"	2	5/64"	6 x 66	1/4" x 3"	125	B / R	Oil-Emul.
106 1 1 033 AG413	D1A1W	6	1/4"	2	5/64"	6 x 66	1/4" x 3"	125	B / R	Oil-Emul.
106 1 1 033 AG653	D1A1W	10	3/8"	2	5/64"	6 x 66	1/4" x 3"	125	B / R	Oil-Emul.

Ø 200 / 8"		mm	inch	mm	inch	mm	inch	mm	inch	CBN		
ITEM NUMBER	FORM	U		X 1		X 2		T		R1 - R2	CONC.	BOND
106 1 2 063 6646	B3F1	10,5	27/64"	10,6	27/64"	10,5	27/64"	11,5	29/64"	INQUIRY	125	B / R

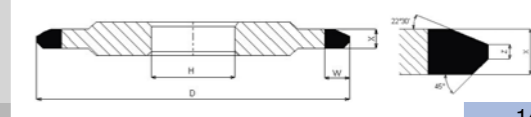
Ø 250 / 10"		mm	inch	mm	inch	mm	inch	mm	inch	CBN		
ITEM NUMBER	FORM	U		X 1		X 2		T		R1 - R2	CONC.	BOND
106 1 2 063 8403C	B3F1	6	1/4"	10	3/8"	6	1/4"	11	7/16"	INQUIRY	125	B / R
106 2 2 063 8403C	B3F1	6	1/4"	10	3/8"	6	1/4"	10	13/32"	INQUIRY	125	METAL B.

Ø 300 / 12"		mm	inch	mm	inch	mm	inch	mm	inch	CBN		
ITEM NUMBER	FORM	U		X 1		X 2		T		R1 - R2	CONC.	BOND
106 2 2 063 9403B	B3F1	6	1/4"	8	5/16"			15	19/32"	INQUIRY	125	METAL B.

Ø 100 / 4"		mm	inch	mm	inch	mm	inch	mm	inch	CBN		
ITEM NUMBER	FORM	W		X		T		E		CONC.	BOND	COOLANT
106 1 2 026 2273	B6A9	3	1/8"	6	1/4"	30	13/16"	12	1/2"	125	B / R	Oil-Emul.

Ø 125 / 5"		mm	inch	mm	inch	mm	inch	mm	inch	CBN		
ITEM NUMBER	FORM	W		X		T		E		CONC.	BOND	COOLANT
106 1 2 026 3273	B6A9	3	1/8"	6	1/4"	30	13/16"	12	1/2"	125	B / R	Oil-Emul.

WOOD LINE



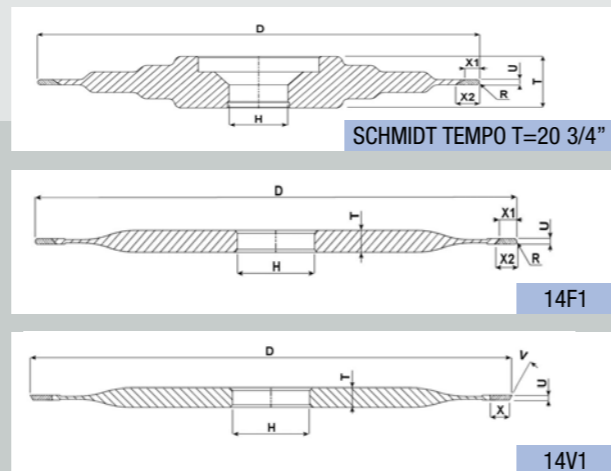
14D1

Ø 75 / 3"		mm	inch	mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	U		W		Ø DRILL		T		CONC.	BOND	COOLANT
106 1 1 189 1ZQ53	D14D1	4,5	3/16"	6	1/4"	4	5/32"	10	3/8"	125	B / R	Oil-Emul.
106 1 1 189 1ZQ53	D14D1	4,5	3/16"	6	1/4"	5	13/64"	10	3/8"	125	B / R	Oil-Emul.
106 1 1 189 1ZQ53	D14D1	4,5	3/16"	6	1/4"	6	1/4"	10	3/8"	125	B / R	Oil-Emul.
106 1 1 189 1392	D14D1	5	13/64"	6	1/4"	8	5/16"	10	3/8"	125	B / R	Oil-Emul.
106 1 1 189 1453	D14D1	6	1/4"	6	1/4"	10	3/8"	12	1/2"	125	B / R	Oil-Emul.
106 1 1 189 1513	D14D1	7	9/32"	6	1/4"	14	9/16"	12	1/2"	125	B / R	Oil-Emul.

Ø 125 / 5"		mm	inch	mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	U		W		Ø DRILL		T		CONC.	BOND	COOLANT
106 1 1 189 3ZP53	D14D1	3,5	9/64"	6	1/4"	2,5	7/64"	10	3/8"	125	B / R	Oil-Emul.
106 1 1 189 3333	D14D1	4	5/32"	6	1/4"	3	1/8"	10	3/8"	125	B / R	Oil-Emul.
106 1 1 189 3ZQ53	D14D1	4,5	3/16"	6	1/4"	4	5/32"	10	3/8"	125	B / R	Oil-Emul.
106 1 1 189 3ZQ53	D14D1	4,5	3/16"	6	1/4"	5	13/64"	10	3/8"	125	B / R	Oil-Emul.
106 1 1 189 3ZQ53	D14D1	4,5	3/16"	6	1/4"	6	1/4"	10	3/8"	125	B / R	Oil-Emul.
106 1 1 189 3383	D14D1	5	13/64"	6	1/4"	8	5/16"	10	3/8"	125	B / R	Oil-Emul.
106 1 1 189 3ZR53	D14D1	5,5	7/32"	6	1/4"	9	3/8"	10	3/8"	125	B / R	Oil-Emul.
106 1 1 189 3453	D14D1	6	1/4"	6	1/4"	10	3/8"	12	1/2"	125	B / R	Oil-Emul.
106 1 1 189 3ZS53	D14D1	6,5	17/64"	6	1/4"	12	1/2"	12	1/2"	125	B / R	Oil-Emul.
106 1 1 189 3513	D14D1	7	9/32"	6	1/4"	14	9/16"	12	1/2"	125	B / R	Oil-Emul.
106 1 1 189 3ZT53	D14D1	7,5	19/64"	6	1/4"	16	5/8"	12	1/2"	125	B / R	Oil-Emul.
106 1 1 189 3573	D14D1	8	5/16"	6	1/4"	18	3/4"	12	1/2"	125	B / R	Oil-Emul.

Ø 150 / 6"		mm	inch	mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	U		W		Ø DRILL		T		CONC.	BOND	COOLANT
106 1 1 189 4333	D14D1	4	5/32"	6	1/4"	3	1/8"	10	3/8"	125	B / R	Oil-Emul.
106 1 1 189 4ZQ53	D14D1	4,5	3/16"	6	1/4"	4	5/32"	10	3/8"	125	B / R	Oil-Emul.
106 1 1 189 4ZQ53	D14D1	4,5	3/16"	6	1/4"	5	13/64"	10	3/8"	125	B / R	Oil-Emul.
106 1 1 189 4ZQ53	D14D1	4,5	3/16"	6	1/4"	6	1/4"	10	3/8"	125	B / R	Oil-Emul.
106 1 1 189 4393	D14D1	5	13/64"	6	1/4"	8	5/16"	10	3/8"	125	B / R	Oil-Emul.
106 1 1 189 4ZR53	D14D1	5,5	7/32"	6	1/4"	9	3/8"	10	3/8"	125	B / R	Oil-Emul.
106 1 1 189 4453	D14D1	6	1/4"	6	1/4"	10	3/8"	12	1/2"	125	B / R	Oil-Emul.
106 1 1 189 4ZS53	D14D1	6,5	17/64"	6	1/4"	12	1/2"	12	1/2"	125	B / R	Oil-Emul.
106 1 1 189 4513	D14D1	7	9/32"	6	1/4"	14	9/16"	12	1/2"	125	B / R	Oil-Emul.

SHARP EVO II



Ø 150 / 6"		mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	CBN					
ITEM NUMBER	FORM	U	X 1	X 2	R	T	CONC.	BOND	H								
110 1 2 051 4ZB43	B14F1	1,3	3/64"	5	13/64"	8	5/16"	0,65	.0256"	20	3/4"	125	P	20			
110 1 2 051 4ZD43	B14F1	1,6	1/16"	5	13/64"	8	5/16"	0,80	.0315"	20	3/4"	125	P	20			
110 1 2 051 4Z03	B14F1	2	5/64"	5	13/64"	8	5/16"	1,00	.0394"	20	3/4"	125	P	20			
110 1 2 051 4ZL43	B14F1	2,5	3/32"	5	13/64"	8,5	11/32"	1,25	.0492"	20	3/4"	125	P	20			
110 1 2 051 4Z73	B14F1	3	1/8"	6	1/4"	10	3/8"	1,50	.0591"	20	3/4"	125	P	20			
110 1 2 051 4ZP43	B14F1	3,5	9/64"	8	5/16"	12,5	1/2"	1,75	.0689"	20	3/4"	125	P	20			
110 1 2 051 4323	B14F1	4	5/32"	8	5/16"	12,5	1/2"	2,00	.0787"	20	3/4"	125	P	20			
110 1 2 051 4383	B14F1	5	13/64"	5	13/64"	8	5/16"	2,50	.0984"	20	3/4"	125	P	20			

Ø 150 / 6"		mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	CBN					
ITEM NUMBER	FORM	U	X 1	X 2	V°	T	CONC.	BOND	H								
110 1 2 045 4273	B14V1	3	1/8"	6	1/4"	10	3/8"	1 ± 50°		20	3/4"	125	P	20			

Ø 200 / 8"		mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	CBN				
ITEM NUMBER	FORM	U	X 1	X 2	R	T	CONC.	BOND	H							
110 1 2 051 6ZB43	B14F1	1,3	3/64"	5	13/64"	8	5/16"	0,65	.0256"	20	3/4"	8	5/16"	125	P	20-32
110 1 2 051 6ZD53	B14F1	1,6	1/16"	5	13/64"	8	5/16"	0,80	.0315"	20	3/4"	8	5/16"	125	P	20-32
110 1 2 051 6Z03	B14F1	2	5/64"	5	13/64"	8	5/16"	1,00	.0394"	20	3/4"	8	5/16"	125	P	20-32
110 1 2 051 6ZL43	B14F1	2,5	3/32"	5	13/64"	8,5	11/32"	1,25	.0492"	20	3/4"	8	5/16"	125	P	20-32
110 1 2 051 6Z73	B14F1	3	1/8"	6	1/4"	10	3/8"	1,50	.0591"	20	3/4"	8	5/16"	125	P	20-32
110 1 2 051 6ZPB3	B14F1	3,5	9/64"	8	5/16"	12,5	1/2"	1,75	.0689"	20	3/4"	8	5/16"	125	P	20-32
110 1 2 051 6Z83B	B14F1	4	5/32"	8	5/16"	12,5	1/2"	2,00	.0787"	20	3/4"	8	5/16"	125	P	20-32
110 1 2 051 6343C	B14F1	5	13/64"	10	3/8"	15	19/32"	2,50	.0984"	20	3/4"	8	5/16"	125	P	20-32

Ø 250 / 10"		mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	CBN					
ITEM NUMBER	FORM	U	X 1	X 2	R	T	CONC.	BOND	H								
110 1 2 051 8AB3	B14F1	1,5	1/16"	8	5/16"	10	3/8"	0,75	.0295"	8	5/16"	125	P	32			
110 1 2 051 8163F	B14F1	2	5/64"	12,5	1/2"	15	19/32"	1,00	.0394"	8	5/16"	125	P	32			
110 1 2 051 8223F	B14F1	3	1/8"	12,5	1/2"	15	19/32"	1,50	.0591"	8	5/16"	125	P	32			
110 1 2 051 8283F	B14F1	4	5/32"	12,5	1/2"	15	19/32"	2,00	.0787"	8	5/16"	125	P	32			
110 1 2 051 8343F	B14F1	5	13/64"	12,5	1/2"	15	19/32"	2,50	.0984"	8	5/16"	125	P	32			

Ø 25 / 1"		mm	inch	mm	inch				CBN			
ITEM NUMBER	FORM	U	X				CONC.	BOND				
110 2 2 041 M4E2	B1A1RM	0,4	0,0157"	11	7/16"	INTEGRA.			100	METAL BOND		

Ø 30 / 1 3/16"		mm	inch	mm	inch				CBN			
ITEM NUMBER	FORM	U	X				CONC.	BOND				
110 2 2 041 N3E2	B1A1RM	0,3	0,0118"	11	7/16"	INTEGRA.			100	METAL BOND		
110 2 2 041 N4E2	B1A1RM	0,4	0,0157"	11	7/16"	INTEGRA.			100	METAL BOND		
110 2 2 041 N6E2	B1A1RM	0,6	0,0236"	11	7/16"	INTEGRA.			100	METAL BOND		

COSTRUZIONE ED AFFILATURA LAME CIRCOLARI HSS / FOR SHARPENING AND TOOTHING OF HSS CIRCULAR SAW BLADES
 MACCHINE / MACHINES: STARK PDS 600 | SCHMIDT TEMPO ECT 502/632/633 - ECE 45 - ECE XL/XXL | RECORD SWSK 500 CNC
 VOLLMER NC 80 | LOROCH KI CNC - CNC TURBO - KBN 560/710 - AK 710/920 | LOROCH NC 1020/1010 - KR D 760
 BUSINARO RS 500 - REKORD 500 CNC | PERUZZI MECCANICA AL-10

PULSION EVO II WOOD LINE

AFFILATURA DEL PETTO
 FACE SHARPENING
 ZUM SCHLEIFEN DER ZAHNBREITUNG



VOLLMER

VOLLMER

UNIMAT S - FINIMAT 4 800

Ø 100 / 4"		mm	inch	mm	inch	mm	inch	DIAMOND			
ITEM NUMBER	FORM	W	X	T	V°	CONC.	BOND	COOLANT			
106 1 1 013 2292	D4A2TS	4	5/32"	2	5/64"	10	3/8"	25°	100	B / R	Oil-Emul.
106 1 1 013 2293	D4A2TS	4	5/32"	2	5/64"	10	3/8"	25°	125	B / R	Oil-Emul.

Ø 100 / 4"		mm	inch	mm	inch	mm	inch	DIAMOND			
ITEM NUMBER	FORM	W	X	T	V°	CONC.	BOND	COOLANT			
106 1 1 017 2222	D4B9	3	1/8"	1,8	1/16"	12	1/2"	15°	100	B / R	Oil-Emul.
106 1 1 017 2223	D4B9	3	1/8"	1,8	1/16"	12	1/2"	15°	125	B / R	Oil-Emul.

FINIMAT IV 600 - FINIMAT 4 800 - FINIMAX - CX 100 - CHC - CHD - CHP - CHC 020, 025 - CE - CEP - CEN - CHMB - CB - CC - CHHT - CHTS - CNHB

Ø 125 / 5"		mm	inch	mm	inch	mm	inch	DIAMOND			
ITEM NUMBER	FORM	W	X	T	V°	CONC.	BOND	COOLANT			
106 1 1 013 3292	D4A2TS	4	5/32"	2	5/64"	10	3/8"	25°	100	B / R	Oil-Emul.
106 1 1 013 3293	D4A2TS	4	5/32"	2	5/64"	10	3/8"	25°	125	B / R	Oil-Emul.

Ø 125 / 5"		mm	inch	mm	inch	mm	inch	DIAMOND			
ITEM NUMBER	FORM	W	X	T	V°	CONC.	BOND	COOLANT			
106 1 1 013 3ZL32	D4A2TS	2,5	7/64"	4	5/32"	12	1/2"	25°	100	B / R	Oil-Emul.
106 1 1 013 3ZL33	D4A2TS	2,5	7/64"	4	5/32"	12	1/2"	25°	125	B / R	Oil-Emul.

Ø 125 / 5"		mm	inch	mm	inch	mm	inch	DIAMOND			
ITEM NUMBER	FORM	W	X	T	V°	CONC.	BOND	COOLANT			
106 1 1 017 3222	D4B9	3	1/8"	1,8	1/16"	12	1/2"	15°	100	B / R	Oil-Emul.
106 1 1 017 3223	D4B9	3	1/8"	1,8	1/16"	12	1/2"	15°	125	B / R	Oil-Emul.

Ø 125 / 5"		mm	inch	mm	inch	mm	inch	mm	inch	PULSION EVO II		
ITEM NUMBER	FORM	W	X	T	E	CONC.	BOND	COOLANT				
206 1 1 232 3ZH32	D12V9/22°	2,3	3/32"	4	5/32"	12	1/2"	8	5/16"	100	F 1	Oil-Emul.

CHAT

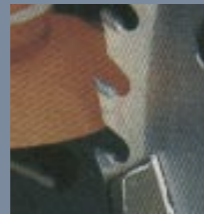
Ø 150 / 6"		mm	inch	mm	inch	mm	inch	DIAMOND			
ITEM NUMBER	FORM	W	X	T	V°	CONC.	BOND	COOLANT			
106 1 1 013 4292	D4A2TS	4	5/32"	2	5/64"	10	3/8"	25°	100	B / R	Oil-Emul.
106 1 1 013 4293	D4A2TS	4	5/32"	2	5/64"	10	3/8"	25°	125	B / R	Oil-Emul.

Ø 150 / 6"		mm	inch	mm	inch	mm	inch	DIAMOND			
ITEM NUMBER	FORM	W	X	T	V°	CONC.	BOND	COOLANT			
106 1 1 013 4ZL32	D4A2TS	2,5	7/64"	4	5/32"	12	1/2"	25°	100	B / R	Oil-Emul.
106 1 1 013 4ZL33	D4A2TS	2,5	7/64"	4	5/32"	12	1/2"	25°	125	B / R	Oil-Emul.

Ø 150 / 6"		mm	inch	mm	inch	mm	inch	DIAMOND			
ITEM NUMBER	FORM	W	X	T	V°	CONC.	BOND	COOLANT			
106 1 1 017 4222	D4B9	3	1/8"	1,8	1/16"	12	1/2"	15°	100	B / R	Oil-Emul.
106 1 1 017 4223	D4B9	3	1/8"	1,8	1/16"	12	1/2"	15°	125	B / R	Oil-Emul.

PULSION EVO II WOOD LINE

AFFILATURA DEL PETTO
FACE SHARPENING
ZUM SCHLEIFEN DER ZAHNBRUST



VOLLMER

VOLLMER

BETA

Ø 175 / 7"		mm	inch	mm	inch	mm	inch	V°	DIAMOND		
ITEM NUMBER	FORM	W		X		T			CONC.	BOND	COOLANT
106 1 1 013 5292	D4A2TS	4	5/32"	2	5/64"	13	1/2"	25°	100	B / R	Oil-Emul.
106 1 1 013 5293	D4A2TS	4	5/32"	2	5/64"	13	1/2"	25°	125	B / R	Oil-Emul.

Ø 175 / 7"		mm	inch	mm	inch	mm	inch	V°	DIAMOND		
ITEM NUMBER	FORM	W		X		T			CONC.	BOND	COOLANT
106 1 1 017 5222	D4B9	3	1/8"	1,8	1/16"	12	1/2"	15°	100	B / R	Oil-Emul.
106 1 1 017 5223	D4B9	3	1/8"	1,8	1/16"	12	1/2"	15°	125	B / R	Oil-Emul.

CHD 250 - CHD 250 R2 - CHC 250 - CHD 350 - CHD 251 - CHD 351 - R1 - R2 - CHM 400

Ø 200 / 8"		mm	inch	mm	inch	mm	inch	V°	DIAMOND		
ITEM NUMBER	FORM	W		X		T			CONC.	BOND	COOLANT
106 1 1 013 6292	D4A2TS	4	5/32"	2	5/64"	12	1/2"	25°	100	B / R	Oil-Emul.
106 1 1 013 6293	D4A2TS	4	5/32"	2	5/64"	12	1/2"	25°	125	B / R	Oil-Emul.

Ø 200 / 8"		mm	inch	mm	inch	mm	inch	V°	DIAMOND		
ITEM NUMBER	FORM	W		X		T			CONC.	BOND	COOLANT
106 1 1 013 6ZL32	D4A2TS	2,5	7/64"	4	5/32"	13	1/2"	25°	100	B / R	Oil-Emul.
106 1 1 013 6ZL33	D4A2TS	2,5	7/64"	4	5/32"	13	1/2"	25°	125	B / R	Oil-Emul.

Ø 200 / 8"		mm	inch	mm	inch	mm	inch	mm	inch	PULSION EVO II		
ITEM NUMBER	FORM	W		X		T		E		CONC.	BOND	COOLANT
206 1 1 232 6ZH32	D12V9/22°	2,3	3/32"	4	5/32"	13	1/2"	11	7/16"	100	F 1	Oil-Emul.

PULSION EVO II WOOD LINE

AFFILATURA DEL DORSO
BACK SHARPENING
ZUM SCHLEIFEN DER ZAHNRÜCKENS



VOLLMER

VOLLMER

UNIMAT S - FINIMAT 4 800 - FINIMAT IV 600 - FINIMAX

Ø 100 / 4"		mm	inch	mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	W1 + W2		X		T		E		CONC.	BOND	COOLANT
106 1 1 027 2342B	D6AA9	2,5+2,5	13/64"	8	5/16"	18	45/64"	8	5/16"	100/75	B / R	Oil-Emul.
106 1 1 027 2342B	D6AA9	2,5+2,5	13/64"	8	5/16"	20	51/64"	8	5/16"	100/75	B / R	Oil-Emul.
106 1 1 027 2342C	D6AA9	2,5+2,5	13/64"	10	3/8"	22	7/8"	8	5/16"	100/75	B / R	Oil-Emul.

Ø 100 / 4"		mm	inch	mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	W1 + W2		X		T		E		CONC.	BOND	COOLANT
106 1 1 204 2342B	D11VV9	2,5+2,5	13/64"	8	5/16"	18	45/64"	8	5/16"	100/75	B / R	Oil-Emul.
106 1 1 204 2342B	D11VV9	2,5+2,5	13/64"	8	5/16"	20	51/64"	8	5/16"	100/75	B / R	Oil-Emul.
106 1 1 204 2342C	D11VV9	2,5+2,5	13/64"	10	3/8"	22	7/8"	8	5/16"	100/75	B / R	Oil-Emul.

Ø 100 / 4"		mm	inch	mm	inch	mm	inch	mm	inch	PULSION EVO II		
ITEM NUMBER	FORM	W1 + W2		X		T		E		CONC.	BOND	COOLANT
206 1 1 027 2342B	D6AA9	2,5+2,5	13/64"	8	5/16"	18	45/64"	8	5/16"	100/75	W 1	Oil-Emul.
206 1 1 027 2342B	D6AA9	2,5+2,5	13/64"	8	5/16"	20	51/64"	8	5/16"	100/75	W 1	Oil-Emul.
206 1 1 027 2342C	D6AA9	2,5+2,5	13/64"	10	3/8"	22	7/8"	8	5/16"	100/75	W 1	Oil-Emul.

Ø 100 / 4"		mm	inch	mm	inch	mm	inch	mm	inch	PULSION EVO II		
ITEM NUMBER	FORM	W1 + W2		X		T		E		CONC.	BOND	COOLANT
206 1 1 204 2342B	D11VV9	2,5+2,5	13/64"	8	5/16"	18	45/64"	8	5/16"	100/75	W 1	Oil-Emul.
206 1 1 027 2342B	D11VV9	2,5+2,5	13/64"	8	5/16"	20	51/64"	8	5/16"	100/75	W 1	Oil-Emul.
206 1 1 027 2342C	D11VV9	2,5+2,5	13/64"	10	3/8"	22	7/8"	8	5/16"	100/75	W 1	Oil-Emul.

CHD 250 - CHD 250 R2 - CHC 250 - CHD 350 - CHD 251 - CHD 351 - R1 - R2 - CHM 400 - CX 100 - CHP - CHC - CHC 20, 25 - Finimat BETA

Ø 125 / 5"		mm	inch	mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	W1 + W2		X		T		E		CONC.	BOND	COOLANT
106 1 1 027 3342B	D6AA9	2,5+2,5	13/64"	8	5/16"	20	51/64"	11	7/16"	100/75	B / R	Oil-Emul.
106 1 1 027 3402B	D6AAA9	2+2+2	1/4"	8	5/16"	20	51/64"	11	7/16"	100/75	B / R	Oil-Emul.
106 1 1 027 3342C	D6AA9	2,5+2,5	13/64"	10	3/8"	22	7/8"	11	7/16"	100/75	B / R	Oil-Emul.

Ø 125 / 5"		mm	inch	mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	W1 + W2		X		T		E		CONC.	BOND	COOLANT
106 1 1 204 3342B	D11VV9	2,5+2,5	13/64"	8	5/16"	20	51/64"	11	7/16"	100/75	B / R	Oil-Emul.
106 1 1 204 3342C	D11VV9	2,5+2,5	13/64"	10	3/8"	22	7/8"	11	7/16"	100/75	B / R	Oil-Emul.

Ø 125 / 5"		mm	inch	mm	inch	mm	inch	mm	inch	PULSION EVO II		
ITEM NUMBER	FORM	W1 + W2		X		T		E		CONC.	BOND	COOLANT
206 1 1 027 3342B	D6AA9	2,5+2,5	13/64"	8	5/16"	20	51/64"	11	7/16"	100/75	W 1	Oil-Emul.
206 1 1 027 3342C	D6AA9	2,5+2,5	13/64"	10	3/8"	22	7/8"	11	7/16"	100/75	W 1	Oil-Emul.

Ø 125 / 5"		mm	inch	mm	inch	mm	inch	mm	inch	PULSION EVO II		
ITEM NUMBER	FORM	W1 + W2		X		T		E		CONC.	BOND	COOLANT
206 1 1 204 3342B	D11VV9	2,5+2,5	13/64"	8	5/16"	20	51/64"	11	7/16"	100/75	W 1	Oil-Emul.
206 1 1 204 3342C	D11VV9	2,5+2,5	13/64"	10	3/8"	22	7/8"	11	7/16"	100/75	W 1	Oil-Emul.

PULSION EVO II WOOD LINE

AFFILATURA DEI FIANCHI
SIDE SHARPENING
ZUM SCHLEIFEN DER ZAHNFLANKEN



VOLLMER

VOLLMER

CHF 100, 210, 270 - DUO S, TS - UNILÄPP II 450 TS - MF 600 - HKS 400 - FS 600, 1000, 1001H

Ø 75 / 3"		mm	inch	mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	W	X	T	E	CONC.	BOND	COOLANT				
106 1 1 205 1318	D1A1F 100	4	5/32"	4,5	3/16"	14	9/16"	11	7/16"	100	B / R	Oil-Emul.

Ø 100 / 4"		mm	inch	mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	W	X	T	E	CONC.	BOND	COOLANT				
106 1 1 205 2317	D1A1F 100	4	5/32"	4,5	3/16"	16,5	21/32"	11	7/16"	75	B / R	Oil-Emul.
106 1 1 205 2318	D1A1F 100	4	5/32"	4,5	3/16"	16,5	21/32"	11	7/16"	100	B / R	Oil-Emul.
106 1 1 205 2338	D1A1F 100	4	5/32"	6,5	1/4"	16,5	21/32"	11	7/16"	100	B / R	Oil-Emul.

Ø 125 / 5"		mm	inch	mm	inch	mm	inch	mm	inch	DIAMOND		
ITEM NUMBER	FORM	W	X	T	E	CONC.	BOND	COOLANT				
106 1 1 040 3318	D1A1F 125	4	5/32"	4,5	3/16"	14	9/16"	11	7/16"	100	B / R	Oil-Emul.

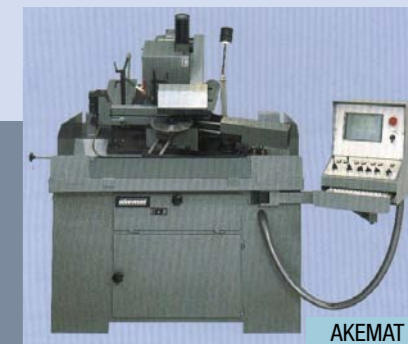
Ø 75 / 3"		mm	inch	mm	inch	mm	inch	mm	inch	PULSION EVO II		
ITEM NUMBER	FORM	W	X	T	E	CONC.	BOND	COOLANT				
206 1 1 205 1318	D1A1F 100	4	5/32"	4,5	3/16"	14	9/16"	11	7/16"	100	S 1	Oil-Emul.

Ø 100 / 4"		mm	inch	mm	inch	mm	inch	mm	inch	PULSION EVO II		
ITEM NUMBER	FORM	W	X	T	E	CONC.	BOND	COOLANT				
206 1 1 205 2318	D1A1F 100	4	5/32"	4,5	3/16"	16,5	21/32"	11	7/16"	100	S 1	Oil-Emul.
206 1 1 205 2338	D1A1F 100	4	5/32"	6,5	1/4"	16,5	21/32"	11	7/16"	100	S 1	Oil-Emul.

Ø 125 / 5"		mm	inch	mm	inch	mm	inch	mm	inch	PULSION EVO II		
ITEM NUMBER	FORM	W	X	T	E	CONC.	BOND	COOLANT				
206 1 1 040 3318	D1A1F 125	4	5/32"	4,5	3/16"	14	9/16"	11	7/16"	100	S 1	Oil-Emul.

PULSION EVO II WOOD LINE

AFFILATURA DEL PETTO
FACE SHARPENING
ZUM SCHLEIFEN DER ZAHNBRUST



AKEMAT

AKEMAT

AKEMAT B - AKEMAT U1 + U3 - AKEMAT U4B

Ø 150 / 6"		mm	inch	mm	inch	mm	inch	mm	inch	V°	DIAMOND		
ITEM NUMBER	FORM	W	X	T	E	CONC.	BOND	COOLANT					
106 1 1 013 4ZL32	D4A2TS	2,5	7/64"	4	5/32"	12	1/2"	25°	100	B / R	Oil-Emul.		
106 1 1 013 4ZL33	D4A2TS	2,5	7/64"	4	5/32"	12	1/2"	25°	125	B / R	Oil-Emul.		

Ø 200 / 8"		mm	inch	mm	inch	mm	inch	mm	inch	V°	DIAMOND		
ITEM NUMBER	FORM	W	X	T	E	CONC.	BOND	COOLANT					
106 1 1 013 6ZL32	D4A2TS	2,5	7/64"	4	5/32"	12	1/2"	25°	100	B / R	Oil-Emul.		
106 1 1 013 6ZL33	D4A2TS	2,5	7/64"	4	5/32"	12	1/2"	25°	125	B / R	Oil-Emul.		

Ø 160 / 6"		mm	inch	mm	inch	mm	inch	mm	inch	PULSION EVO II		
ITEM NUMBER	FORM	W	X	T	E	CONC.	BOND	COOLANT				
206 1 1 232 ZZH32	D12V9/22°	2,3	3/32"	4	5/32"	13	1/2"	11	7/16"	100	F 1	Oil-Emul.

Ø 200 / 8"		mm	inch	mm	inch	mm	inch	mm	inch	PULSION EVO II		
ITEM NUMBER	FORM	W	X	T	E	CONC.	BOND	COOLANT				
206 1 1 232 6ZH32	D12V9/22°	2,3	3/32"	4	5/32"	13	1/2"	11	7/16"	100	F 1	Oil-Emul.

AFFILATURA DEL DORSO
BACK SHARPENING
ZUM SCHLEIFEN DER ZAHNRÜCKENS



AKEMAT U1 + U3 - AKEMAT U4B - AKEMAT U4

Ø 127 / 5"		mm	inch	mm	inch	mm	inch	DIAMOND			
ITEM NUMBER	FORM	W	X	T	E	CONC.	BOND	COOLANT			
106 1 1 034 3342A	D14AA1	2,5+2,5	13/64"	7	9/32"	9	23/64"	100/75	B / R	Oil-Emul.	
106 1 1 034 3342A	D14AA1	2,5+2,5	13/64"	7	9/32"	15	19/32"	100/75	B / R	Oil-Emul.	

Ø 127 / 5"		mm	inch	mm	inch	mm	inch	DIAMOND			
ITEM NUMBER	FORM	W	X	T	E	CONC.	BOND	COOLANT			
206 1 1 196 3342A	D3AA1	2,5+2,5	13/64"	7	9/32"	9	23/64"	100/75	B / R	Oil-Emul.	

Ø 127 / 5"		mm	inch	mm	inch	mm	inch	PULSION EVO II			
ITEM NUMBER	FORM	W	X	T	E	CONC.	BOND	COOLANT			
206 1 1 034 3342A	D14AA1	2,5+2,5	13/64"	7	9/32"	9	23/64"	100/75	W 1	Oil-Emul.	
206 1 1 034 3342A	D14AA1	2,5+2,5	13/64"	7	9/32"	15	19/32"	100/75	W 1	Oil-Emul.	

Ø 127 / 5"		mm	inch	mm	inch	mm	inch	PULSION EVO II			
ITEM NUMBER	FORM	W	X	T	E	CONC.	BOND	COOLANT			
206 1 1 196 3342A	D3AA1	2,5+2,5	13/64"	7	9/32"	9	23/64"	100/75	W 1	Oil-Emul.	

PULSION EVO II WOOD LINE

AFFILATURA DEL PETTO
FACE SHARPENING
ZUM SCHLEIFEN DER ZAHNBRUST



WALTER

WALTER

WOODTRONIC CN3, CN4 - WOODTRONIC CNC5

Ø 150 / 6"		mm	inch	mm	inch	mm	inch	DIAMOND			
ITEM NUMBER	FORM	W	X	T	V°	CONC.	BOND	COOLANT			
106 1 1 013 4ZL32	D4A2TS	2,5	7/64"	4	5/32"	12	1/2"	25°	100	B / R	Oil-Emul.
106 1 1 013 4ZL33	D4A2TS	2,5	7/64"	4	5/32"	12	1/2"	25°	125	B / R	Oil-Emul.

Ø 200 / 8"		mm	inch	mm	inch	mm	inch	DIAMOND			
ITEM NUMBER	FORM	W	X	T	V°	CONC.	BOND	COOLANT			
106 1 1 013 6ZL32	D4A2TS	2,5	7/64"	4	5/32"	13	1/2"	25°	100	B / R	Oil-Emul.
106 1 1 013 6ZL33	D4A2TS	2,5	7/64"	4	5/32"	13	1/2"	25°	125	B / R	Oil-Emul.

Ø 160 / 6"		mm	inch	mm	inch	mm	inch	mm	inch	PULSION EVO II		
ITEM NUMBER	FORM	W	X	T	E	CONC.	BOND	COOLANT				
206 1 1 232 ZZH32	D12V9/22°	2,3	3/32"	4	5/32"	13	1/2"	11	7/16"	100	F 1	Oil-Emul.

Ø 200 / 8"		mm	inch	mm	inch	mm	inch	mm	inch	PULSION EVO II		
ITEM NUMBER	FORM	W	X	T	E	CONC.	BOND	COOLANT				
206 1 1 232 6ZH32	D12V9/22°	2,3	3/32"	4	5/32"	13	1/2"	11	7/16"	100	F 1	Oil-Emul.

AFFILATURA DEL DORSO
BACK SHARPENING
ZUM SCHLEIFEN DER ZAHNRÜCKENS



WOODTRONIC CN3, CN4 - WOODTRONIC CNC5 - WOODTRONIC CNC 6F

Ø 150 / 6"		mm	inch	mm	inch	mm	inch	DIAMOND			
ITEM NUMBER	FORM	U1 + U2	X	T		CONC.	BOND	COOLANT			
106 1 1 034 3342A	D14AA1	2,5+2,5	13/64"	7	9/32"	15	19/32"		100/75	B / R	Oil-Emul.

Ø 150 / 6"		mm	inch	mm	inch	mm	inch	DIAMOND			
ITEM NUMBER	FORM	U1 + U2	X	T		CONC.	BOND	COOLANT			
206 1 1 034 4342B	D14AA1	2,5+2,5	13/64"	8	5/16"	10	3/8"		100/75	B / R	Oil-Emul.

Ø 127 / 5"		mm	inch	mm	inch	mm	inch	PULSION EVO II			
ITEM NUMBER	FORM	U1 + U2	X	T		CONC.	BOND	COOLANT			
206 1 1 034 3342A	D14AA1	2,5+2,5	13/64"	7	9/32"	15	19/32"		100/75	W 1	Oil-Emul.

Ø 150 / 6"		mm	inch	mm	inch	mm	inch	PULSION EVO II			
ITEM NUMBER	FORM	U1 + U2	X	T		CONC.	BOND	COOLANT			
206 1 1 034 4342B	D14AA1	2,5+2,5	13/64"	8	5/16"	10	3/8"		100/75	W 1	Oil-Emul.

WOOD LINE

PROFILATURA DEL DENTE
TEETH-PROFILING
ZAHNSCHLEIFEN



VOLLMER

VOLLMER

CA 200 - 300, CAL 200/300, CBF 300

Ø 250 / 10"		mm	inch	mm	inch	mm	inch	mm	inch	CBN		
ITEM NUMBER	FORM	U	X 1	X 2	T	R1 - R2	CONC.	BOND				
106 1 2 063 8403C	B3F1	6	1/4"	10	3/8"	6	1/4"	11	7/16"	INQUIRY	125	B / R
106 2 2 063 8403C	B3F1	6	1/4"	10	3/8"	6	1/4"	10	13/32"	INQUIRY	125	METAL B.

Ø 300 / 12"		mm	inch	mm	inch	mm	inch	mm	inch	CBN		
ITEM NUMBER	FORM	U	X 1	X 2	T	R1 - R2	CONC.	BOND				
106 2 2 063 9403B	B3F1	6	1/4"	10	3/8"	6	1/4"	10	13/32"	INQUIRY	125	METAL B.

Ø 125 / 5"		mm	inch	mm	inch	mm	inch	mm	inch	CBN			
ITEM NUMBER	FORM	W	X	T	E	CONC.	BOND	COOLANT					
106 1 2 026 3273	B6A9	3	1/8"	6	1/4"	30	1	3/16"	12	1/2"	125	B / R	Oil-Emul.

ISELI

BS 3, BS 4, BS 5

Ø 200 / 8"		mm	inch	mm	inch	mm	inch	mm	inch	CBN		
ITEM NUMBER	FORM	U	X 1	X 2	T	R1 - R2	CONC.	BOND				
106 1 2 063 6646	B3F1	10,5	27/64"	10,6	27/64"	10,5	27/64"	11,5	29/64"	INQUIRY	125	B / R

Ø 250 / 10"		mm	inch	mm	inch	mm	inch	mm	inch	CBN		
ITEM NUMBER	FORM	U	X 1	X 2	T	R1 - R2	CONC.	BOND				
106 1 2 063 8403C	B3F1	6	1/4"	10	3/8"	6	1/4"	11	7/16"	INQUIRY	125	B / R
106 2 2 063 8403C	B3F1	6	1/4"	10	3/8"	6	1/4"	10	13/32"	INQUIRY	125	METAL B.

Ø 300 / 12"		mm	inch	mm	inch	mm	inch	mm	inch	CBN		
ITEM NUMBER	FORM	U	X 1	X 2	T	R1 - R2	CONC.	BOND				
106 2 2 063 9403B	B3F1	6	1/4"	8	5/16"			15	19/32"	INQUIRY	125	METAL B.

EBW

Ø 100 / 4"		mm	inch	mm	inch	mm	inch	mm	inch	CBN			
ITEM NUMBER	FORM	U	X 1	X 2	T	CONC.	BOND	COOLANT					
106 1 2 026 2273	B6A9	3	1/8"	6	1/4"	30	1	3/16"	12	1/2"	125	B / R	Oil-Emul.

Consigliamo di trasmettere gli ordini per iscritto. In caso di ordini telefonici un'ulteriore conferma scritta può essere richiesta prima di avviare la produzione. Non assumiamo responsabilità per ordini telefonici che dovessero risultare non conformi. Ci riserviamo di richiedere anticipi a garanzia per ordini relativi ad articoli speciali. Ogni irregolarità di pagamento ci autorizza a sospendere o annullare totalmente o parzialmente gli ordini in corso senza alcun preavviso.

CONSEGNE I tempi di consegna sono quelli indicati dall'ufficio commerciale. Per cause indipendenti dalla nostra volontà, come scioperi o ritardi nella fornitura delle materie prime, ci riserviamo di posticipare le consegne anche se già confermate.

TRASPORTI Le condizioni di resa della merce vengono concordate con l'ufficio commerciale. Tutte le spedizioni sono coperte da assicurazione "All Risks" qualunque sia la resa della merce.

GARANZIA I prodotti SAID vengono accuratamente controllati nelle varie fasi di produzione. Non sono imputabili all'azienda difetti derivanti dall'uso imperfetto, dall'imperizia dell'operatore, dall'allargatura dei fori o da sollecitazioni non consentite.

IMBALLO I nostri imballaggi assicurano adeguata protezione alla merce.

PREZZI E PAGAMENTI Tutti i prezzi sono intesi franco nostra fabbrica ed imponibili di IVA eccetto le esportazioni. Tutti i prezzi e gli eventuali sconti possono subire variazioni a seconda della situazione economica di mercato. Le forme di pagamento stabilite possono variare per cause di forza maggiore come improvvisi svalutazioni, crack bancari, ecc. Non si possono accettare pagamenti con sconti cassa se non altrimenti convenuto. Tutte le rimesse devono corrispondere all'importo totale della fattura. I pagamenti devono essere effettuati presso il nostro domicilio. Il termine di pagamento è tassativo. In caso di ritardo sono dovuti gli interessi.

RISERVATO DOMINIO La merce fornita rimane di nostra proprietà sino al completo pagamento dell'importo. Nel caso di insolvenze comunque motivate ci riserviamo il diritto di ritirare la merce.

RESI Non si accettano resi se non preventivamente autorizzati per iscritto.

We recommend submitting orders in writing. In the case of telephone orders, a further written confirmation may be required before starting production. No responsibility is held for errors made when taking telephone orders. We reserve the right to ask for advance payment for orders relating to special goods. Any irregularity of payment allows us to stop or cancel, completely or in part, any outstanding orders without further notice.

DELIVERIES Delivery times are as indicated by the sales department. For reasons beyond our control such as strikes of delays in receiving raw materials, we reserve the right to postpone deliveries, even if previously confirmed.

CARRIAGE Conditions for the return of goods must be agreed with the sales department. All shipments are covered by 'All Risks' insurance irrespective of what the goods may be.

GUARANTEE All SAID products are controlled for quality in the different production phases. No defects due to improper use, operators inexperience, widening of bores or excessive stress are imputable to the company.

PACKING Our packing ensures an adequate protection of the goods.

PRICES AND PAYMENTS All prices are ex works and, excluding export orders, are liable to VAT. All prices and discounts are subject to variation due to market conditions. The method of payment can vary for uncontrollable events such as unexpected devaluation, bank cracks etc. No discount for cash payments is given unless otherwise agreed. All remittances must correspond to the total amount of the invoice. Payments must be made at our domicile. The timing of payments is definite. In the case of delay interest may be charged.

RESERVED PROPERTY The goods supplied remain our property until the complete amount paid is due. In the case of insolvency we reserve the right to withdraw the goods.

RETURNS No returns are accepted, unless previously authorised in writing.

Wir empfehlen Aufträge schriftlich zu erteilen. Im Falle telefonischer Aufträge kann eine zusätzliche schriftliche Bestätigung verlangt werden vor Eingabe in die Produktion. Wir übernehmen keine Verantwortung für telefonische Aufträge falls diese als nicht konform reklamiert werden. Wir behalten uns Anzahlungen vor als Sicherheitsleistung für Aufträge spezielle Kundenwünsche betreffend. Jede Unregelmäßigkeit bei Zahlungen autorisiert uns laufende Aufträge ganz oder teilweise ohne Vorankündigung auszusetzen.

LIEFERUNGEN Die Lieferzeiten sind die von der Verkaufsabteilung genannten. Für sich unserem Einfluss entziehenden Gründen wie Streiks oder Verzögerungen in der Belieferung mit Vormaterial behalten wir uns einen Aufschub der Belieferung trotz erfolgter anderer Bestätigung vor.

TRANSPORT Die Konditionen der Warenstellung werden mit der Verkaufsabteilung abgestimmt. Alle Lieferungen sind komplett für alle Risiken abgesichert unabhängig von der Warenstellung.

GARANTIE SAID-Produkte werden in den einzelnen Produktionsphasen eingehend kontrolliert. Auf nicht bestimmungsgemäßen Gebrauch, Unerfahrenheit des Benutzers, Aufweitung von Bohrungen oder anderer nicht sachgemäßer Manipulationen zurückzuführende Defekte sind nicht garantiefähig.

VERPACKUNG Unsere Verpackungen stellen einen geeigneten Schutz der versandten Ware sicher und sind im Preis enthalten.

PREISE UND ZAHLUNG Alle Preise verstehen sich ab Werk und sind MWST-pflichtig außer bei Exporten. Alle Preise und eventuelle Rabatte können Änderungen unterliegen gemäß der Marktsituation. Die vereinbarten Zahlungsbedingungen können auf Grund höherer Gewalt wie plötzlicher Abwertungen, Bankencrashes usw. geändert werden. Es werden keine Barzahlungen mit Kassenskonto akzeptiert falls nicht ausdrücklich vereinbart. Alle Überweisungen müssen dem Gesamtbetrag der Rechnung entsprechen. Die Zahlungen müssen an unserem Sitz geleistet werden. Der Zahlungstermin ist verbindlich. Bei verspäteten Zahlungen werden Zinsen fällig.

EIGENTUMSVORBEHALT Die gelieferte Ware bleibt bis zur vollständigen Zahlung der Rechnung unser Eigentum. Im Fall begründeter Insolvenzen behalten wir uns die Rückführung der Ware vor.

RÜCKGABE Es werden keine Rückgaben ohne vorheriges schriftliches Einverständnis akzeptiert.

1. Osservare sempre rigorosamente tutte le norme di sicurezza indicate per gli utensili SAID e le prescrizioni contenute nel manuale di istruzioni per l'uso di ogni macchina od elettro-utensile ed attenersi alle norme di sicurezza emanate dagli organismi preposti alla prevenzione degli infortuni.
2. Impiegando macchine ad utensile rotante, di qualsiasi genere, si corrono sempre alcuni rischi. Occorre essere molto prudenti e concentrarsi sul lavoro che ci si accinge a fare.
3. Utilizzare sempre guanti a cinque dita, che assicurano una buona sensibilità di presa ed una adeguata protezione per manipolare gli utensili con sicurezza, evitando di ferirsi toccando la parte tagliente e durante la lavorazione.
4. Installare solo utensili in perfette condizioni, di forma idonea, adatti a lavorare ciascun materiale in relazione alle caratteristiche dell'utensile stesso e della macchina od elettro-utensile impiegati allo scopo.
5. Non utilizzare mai utensili incrinati, deformati o screpolati.
6. Accertarsi della perfetta equilibratura e dell'accurato calettamento e centraggio degli utensili rotanti.
7. Fissare accuratamente gli utensili, introducendoli nel dispositivo di serraggio ed i dispositivi di regolazione utilizzati allo scopo.
8. Dopo l'accurato posizionamento e serraggio degli utensili, togliere gli attrezzi di serraggio ed i dispositivi di regolazione utilizzati allo scopo.
9. Verificare che l'utensile ruoti nella corretta direzione.
10. Utilizzare sempre gli occhiali o schermi protettivi per proteggere gli occhi.
11. La zona di lavoro circostante la macchina ed il piano di lavoro devono essere privi di ostacoli e ben puliti.
12. Il luogo di lavoro deve risultare ben illuminato.
13. Installare sulla macchina od elettro-utensile, tutti i dispositivi di protezione previsti dal costruttore, regolando e fissandoli opportunamente, prima di iniziare qualsiasi lavorazione.
14. L'impianto di aspirazione dei trucioli e delle polveri deve sempre essere messo in funzione contemporaneamente alla macchina.
15. L'utilizzatore deve avere almeno 18 anni ed in ogni caso l'età minima prevista dalle leggi vigenti ed essere adeguatamente addestrato nell'utilizzo delle macchine od elettro-utensili.
16. Evitare assolutamente l'utilizzo delle macchine utensili od elettro-utensili qualora ci si senta soggetti a qualsiasi malessere o condizionamento fisico, anche leggero, che ridurrà la prontezza di riflessi ed il grado di vigilanza, aumentando l'esposizione al pericolo.
17. Non azionare la macchina o l'elettro-utensile quando si è sotto l'effetto dell'alcol o di droghe.

1. Always strictly follow the safety rules prescribed for SAID tools as well as the instruction for the use of machines and/or electrical tools. Always strictly keep to safety rules issued by organisations responsible for the prevention of accidents.
2. To avoid risks associated with the use of rotating tools it is strongly recommended to use the utmost caution and concentration when working.
3. Always wear correctly sized gloves that allow the sensitivity necessary to operate the tool correctly and give adequate protection in the event of the blade being touched during use.
4. Install only tools in perfect condition that are recommended for the material to be worked and that are suitable for the type of machine used.
5. Do not use cracked or deformed tools.
6. Check that the balancing, keying and centring of rotary tools is carried out correctly.
7. Fix the tool correctly using the proper tightening and adjustment devices.
8. Remove all tightening and adjustment devices before use.
9. Check that the tool rotates in the correct direction.
10. Always use safety glasses or protective screens to protect the eyes.
11. The work area and the area around the machine must be free of obstacles.
12. The work area must be properly lit.
13. Before starting any kind of work, install all of the safety devices prescribed by the builder of the machine or power tool.
14. Any shaving / dust suction equipment must be used at the same time as the tool.
15. The operator must be at least 18 years old and of the minimum age prescribed by the laws in force. They must be adequately trained in the use of the machine or power tool.
16. Avoid using machines of power tools in the event of any illness or physical condition that may reduce reflexes or awareness and increase exposure to risk.
17. Do not use the machine or power tool under the influence of alcohol or drugs.

1. Die Beachtung der Sicherheitsnormen für SAID-Werkzeuge und der Vorschriften zur Bedienung von Maschinen und Elektrowerkzeugen aus den entsprechenden Handbüchern und die Einhaltung der Sicherheitsvorschriften sind verpflichtend.
2. Der Gebrauch von Maschinen mit rotierenden Werkzeugen ist grundsätzlich mit Gefahren verbunden. Vorsicht und Konzentration auf die durch zu führende Arbeit sind deshalb unerlässlich.
3. Immer fünffingerige Arbeitshandschuhe zwecks sicherem Griff und zweckmäßigem Schutz tragen und zur sicheren Handhabung der Werkzeuge und Vermeidung von Verletzungen durch Berührung der schneidenden Teile.
4. Installation nur von Werkzeugen in perfekter Kondition und geeigneten Typs entsprechend sowohl den Eigenschaften der Bearbeitung des jeweiligen Werkstücks als auch der Maschine bzw. des Elektrowerkzeugs.
5. Niemals Werkzeuge mit Rissen, Deformationen oder Ausbrüchen verwenden.
6. Auf sorgfältige Auswuchtung, Zentrierung und Befestigung der rotierenden Werkzeuge ist zu achten.
7. Werkzeuge sorgfältig fixieren durch korrekte Handhabung der Spann- und Einstellvorrichtungen.
8. Nach gewissenhafter Positionierung und Fixierung der Werkzeuge die Einstellvorrichtungen und Spannschlüssel aus der Maschine entfernen.
9. Prüfen, ob das Werkzeug im richtigen Drehrichtung läuft.
10. Immer Sicherheitsbrillen und Schutzabdeckungen zum Schutz der Augen tragen.
11. Der Arbeitsbereich um die Maschine muss sauber und frei von Hindernissen sein.
12. Der Arbeitsplatz muss gut beleuchtet sein.
13. An der Maschine alle vom Hersteller vorgesehene Sicherheitsvorrichtungen anbringen und diese entsprechend einstellen und fixieren vor Beginn jeglicher Arbeitsaufnahme.
14. Absauganlage für Staub und Späne immer gleichzeitig mit der Maschine einschalten.
15. Der Bediener muss mindestens 18 Jahre alt sein bzw. das vom Gesetzgeber vorgesehene Mindestalter besitzen und entsprechend zur Bedienung der Maschine bzw. des Elektrowerkzeugs ausgebildet sein.
16. Die Bedienung von Maschinen bzw. Elektrowerkzeugen ist absolut zu vermeiden auch bei leichtem Unwohlsein oder körperlicher Beeinträchtigungen, welche Reflexbereitschaft und Aufmerksamkeitsgrad herabsetzen und die Gefahrensituation erhöhen.
17. Unbedingt das Bedienen von Maschinen bzw. Elektrowerkzeugen unter Alkohol- oder Drogeneinfluss vermeiden.



SAID Spa

S.S. 46 del Pasubio
36033 Isola Vicentina (VI) Italy
Phone +39 0444 599311
Fax +39 0444 976416
Email: said@saidtools.com
www.saidtools.com

SAID Inc.

27491 Schoolcraft Road
Livonia
48150 Michigan
Phone +1 734 522 0333
Fax +1 734 522 0335
Email: saidusa@saidtools.com
www.saidtools.com

SAID Spain (by EYDO s.l.)

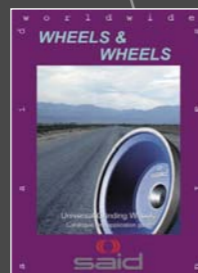
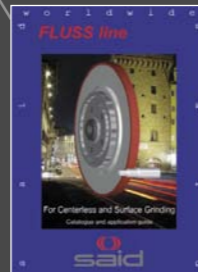
Vallbona, 1 - Font d'Abril
E-08187 S. Eulalia de Roncada
(Barcelona)
Phone +34 93 8449301
Fax +34 93 8448960
Email: said@saidtools.com
www.saidtools.com

SAID China

1 St. Floor, 4 Complex Building,
Ganghou Road
Hi-Tech Ind. Zone,
Foshan - Ganghou - Cina
Phone +86 757 3830840
Fax +86 757 3832451

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SAID Spa

S.S. 46 del Pasubio
36033 Isola Vicentina (VI) Italy
Phone +39 0444 599311
Fax +39 0444 976416
Email: said@saidtools.com
www.saidtools.com

