

faiot
abrasivi

INDUSTRIA
INDUSTRY



L'AZIENDA

THE COMPANY

Faiot è un'azienda familiare specializzata nella produzione di utensili abrasivi in legante ceramico e resinoide.

Faiot produce abrasivi da più di 50 anni per svariati campi di utilizzo. L'azienda si è specializzata nel sviluppo di utensili specifici rivolti all'industria pesante:

Siderurgica

Ferroviaria

Navale

Meccanica

Ed altri campi come:

Odontotecnica

Conciaria e Calzaturiera

Cave di granito

Affettatrici per alimenti

Grazie all'esperienza acquisita siamo riusciti a sviluppare una gamma articolata di prodotti.

Siamo orgogliosi della la nostra capacità di produrre utensili che rispondono alle più alte esigenze industriali.

Il nostro know-how insieme alla flessibilità della nostra struttura ci permette di fornire le migliori soluzioni per qualsiasi applicazione.

Faiot is a specialized Italian manufacturer of ceramic and resinoid bonded abrasive utensils.

For over 50 years Faiot has been developing abrasives for heavy duty applications in industries, such as:

Foundries

Railway track maintenance

Shipyards

Mechanical engineering

As well as for special fields, such as:

Dental laboratory work

Machinery for tanning and leather processing

Machinery for mining and processing natural stone

Slicing machines for the food industry

The experience thus gained has enabled us to develop specific products for a wide variety of applications.

We are proud of our ability to design and manufacture utensils that meet the highest industrial standards.

Our know-how combined with a flexible structure puts us in a strong position to provide the best possible solution for any application within our field of operation.

PER ORDINARE UN PRODOTTO BASTA INDICARE
CATEGORIA E CODICE ARTICOLO

Misure e qualità diverse su richiesta

Dimensioni in mm

La fornitura di prodotti e/o servizi sono sottoposti alle
Condizioni Generali di Faiot s.r.l.

TO ORDER A PRODUCT PLEASE INDICATE
ARTICLE GROUP AND ARTICLE CODE

Different sizes and qualities upon request

Dimensions in mm

The supply of goods and/or services are subject to
the General Conditions of Faiot s.r.l.

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DENOMINAZIONE E UTILIZZO
ABRASIVI AD IMPASTO CERAMICO
ABRASIVE NAMES AND USES WITH CERAMIC MIXTURE

CORINDONI / CORUNDUM

SIGLA TYPE	COLORE COLOUR	CARATTERISTICHE CHARACTERISTICS	UTILIZZO CONSIGLIATO ADVISED APPLICATIONS
1A	GRIGIO GREY	TENACE TOUGH	SGROSSATURA ACCIAI DURI HARD STEELS CUTTING OFF
1AZ		TENACE/ELEVATA ASPORTAZIONE	SBAVATURA ACCIAI E GHISE
9A	BIANCO WHITE	TAGLIENZA CUTTING	FINITURA ACCIAI STEELS FINISHING
9AR	BIANCO WHITE	COLORATO ROSSO MATTONE RED COLOURED	FUNZIONE ESTETICA AESTHETIC FUNCTION
9AB	BIANCO WHITE	COLORATO AZZURRO LIGHT BLUE COLOURED	FUNZIONE ESTETICA AESTHETIC FUNCTION
10AR	BIANCO + GRIGIO WHITE + GREY	COLORATO MARRONE BROWN COLOURED	SPECIFICO PER MOLE AFFETTASALUMI SPECIFIC FOR FOOD SLICING MACHINES
11A	ROSA PINK	TAGLIENZA/DURATA CUTTING/LASTING	ASPORTAZ. E FINITURA ACCIAI LEGATI BONDED STEELS EXTIRPATION AND FINISHING
13A	RUBINO RUBY	ELEVATA TAGLIENZA HIGH CUTTING	RETTIFICA DI PRECISIONE ACCURATE GRINDING
23A	GHIACCIO (MONOCRISTALLO) ICE (SINGLE CRYSTAL)	FORTE ASPORTAZ. A BASSA TEMPERATURA HIGH EXTIRPATION AT LOW TEMPERATURE	ACCIAI RAPIDI E SUPER RAPIDI SPEED STEELS AND SUPER SPEED
10A	MIX 1A+9A	ASPORTAZIONE E SPIANATURA EXTIRPATION AND SMOOTHING	ACCIAI DOLCI E SEMIDURI MILD STEELS AND SEMIHARD
20A	MIX 9A+11A	TAGLIENZA E AUTORAUVIVATURA CUTTING AND AUTODRESSING	ACCIAI DURI HARD STEELS
34A	MIX 23A+11A	BUONA ASPORTAZ. A BASSA TEMPERATURA E TENUTA PROFILO GOOD EXTIRPATION AT LOW TEMPERATURE AND PROFILE CAPACITY	ACCIAI RAPIDI E SUPER RAPIDI SPEED STEELS AND SUPER SPEED
51A	MIX 1A+9A+9AB	SGROSSATURA CUTTING OFF	LEGHE DOLCI MILD ALLOYS

CARBURI / CARBIDES

SIGLA TYPE	COLORE COLOUR	CARATTERISTICHE CHARACTERISTICS	UTILIZZO CONSIGLIATO ADVISED APPLICATIONS
4C	NERO BLACK	BUONA TAGLIENZA SCARSA TENACIA GOOD CUTTING SCANT TENACITY	SBAVATURA METALLI NON FERROSI FOR NO-FERROUS STEELS TRIMMING
8C	VERDE GREEN	ELEVATA TAGLIENZA E FINITURA HIGH CUTTING AND FINISHING	AFFILATURA UTENSILI LEGA DURA FOR HARD ALLOY TOOLS SHARPENING

SUPER ABRASIVO / SUPER ABRASIVE

SIGLA TYPE	COLORE COLOUR	CARATTERISTICHE CHARACTERISTICS	UTILIZZO CONSIGLIATO ADVISED APPLICATIONS
SA	BLU LIGHT BLUE	ABRASIVO SINTETICO CON TAGLIENZA E DURATA ECCEZIONALE SYNTHETIC ABRASIVE WITH EXCEPTIONAL CUTTING AND LASTING	INDICATO PER TUTTI I MATERIALI FERROSI E NON FOR ALL FERROUS AND NOT MATERIALS

MOLE STANDARD PER SMERIGLIATRICI PRONTE A MAGAZZINO
STANDARD WHEELS AT STOCK

MOLE A DISCO / CYLINDRICAL WHEELS

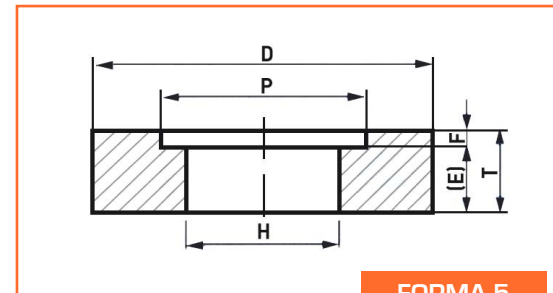
DIAMETRO DIAMETER	SPESSORE THICKNESS	FORO HOLE	NELLE SEGUENTI SPECIFICHE IN THE FOLLOWING SPECIFICATIONS
100 100 125 150 175 200 250	15 20 15/20 10/15/20/25/30 20/25/30 15/20/25/30 25/30	20 20 13/16/20 16/20/32 20/25/32 20/25/32 25/32	1A 36/46/60/80 P5V2 9A 46/60/80 M/N 5V2 8C 46/60/80 K5V
300 350 400	30/40 30/40 40/50	30/32/127 40/127 40/127	1A 24 Q5V2

ESEMPIO DI SCHEMA PER IDENTIFICARE LA COMPOSIZIONE DELL'IMPASTO
EXAMPLE OF TABLE TO IDENTIFY THE SPECIFICATION OF THE MIXTURE

9A 60 H 10 V			
	granulometria grit size	struttura structure	
abrasivo abrasive		durezza hardness	legante bond
abrasivo	vedi pagina n. 3 del catalogo	abrasive	see depliant page no. 3
granulometria	grossa 16/20/24 media 30/36/46/54 fine 70/80/90/100/120 molto fine 150/180/220/240	grit size	coarse 16/20/24 medium 30/36/46/54 fine 70/80/90/100/120 very fine 150/180/220/240
durezza	ultra tenera d/e molto tenera f/g/h tenera i/j/k/l media m/n/o elevata p/q/r molto elevata s/t/u/v	hardness	ultra soft d/e very soft f/g/h soft i/j/k/l medium m/n/o high p/q/r very high s/t/u/v
struttura	molto compatta 4 compatta 5/6 aperta 7/8 porosa 9/10/11 super porosa 12/13/14	structure	very close 4 close 5/6 open 7/8 porous 9/10/11 super porous 12/13/14
legante	v = vetrificato (ceramica) v2 = vetrificato (mole tenere) b = bakelite (resinoide) bh = bakelite (per mole usate ad umido)	bond	v = vitrified (ceramic) v2 = vitrified (soft wheels) b = bakelite (resinoid) bh = bakelite (for wheels used in wet way)

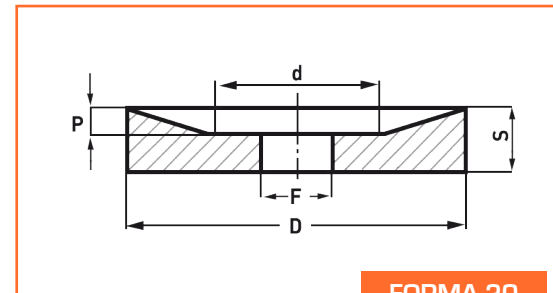
MOLE ABRASIVE ABRASIVE WHEELS

MOLE A DISCO CON UN INCAVO
WHEELS WITH DEPRESSION



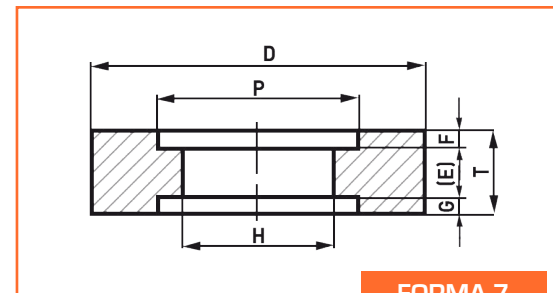
FORMA 5

MOLE A DISCO CON UN INCAVO SVASATO
WHEELS WITH COUNTERSUNK DEPRESSION



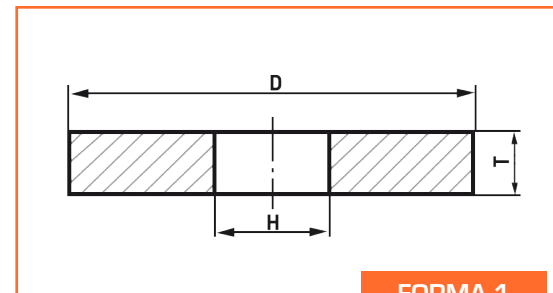
FORMA 20

MOLE A DISCO CON DUE INCAVI
WHEELS WITH TWO DEPRESSION



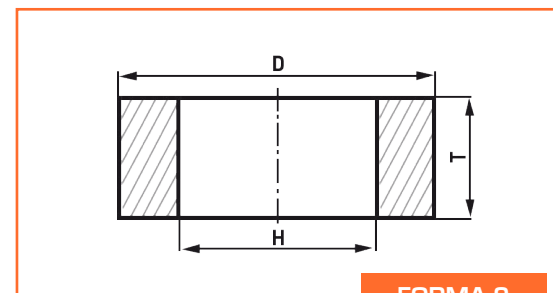
FORMA 7

MOLE A DISCO CILINDRICA
CYLINDRIC WHEELS



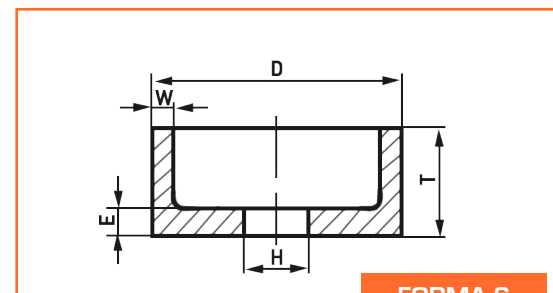
FORMA 1

MOLE AD ANELLO
RING WHEELS



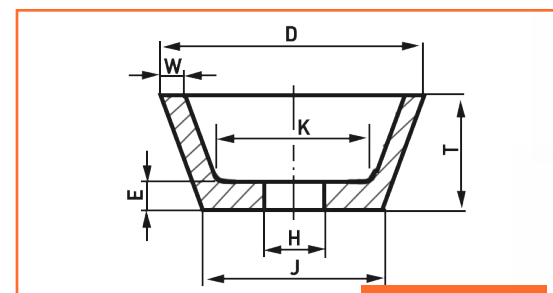
FORMA 2

MOLE A TAZZA CILINDRICA
CILINDRICAL CUP WHEELS



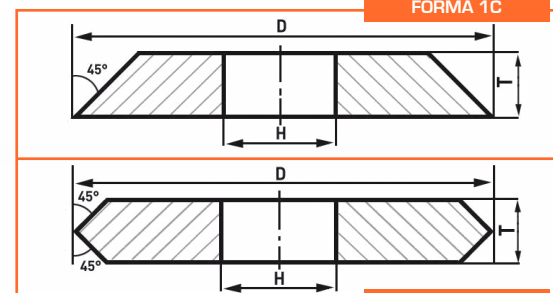
FORMA 6

MOLE A TAZZA CONICA
CONICAL CUP WHEELS



FORMA 11

MOLE A BISELLO
CHAMFER WHEELS



FORMA 1P

SEGMENTI PER RETTIFICA IN PIANO - FORME STANDARD SURFACE GRINDING SEGMENTS - STANDARD SHAPES

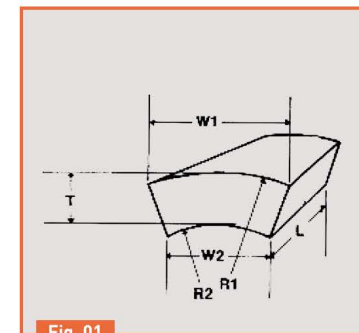


Fig. 01

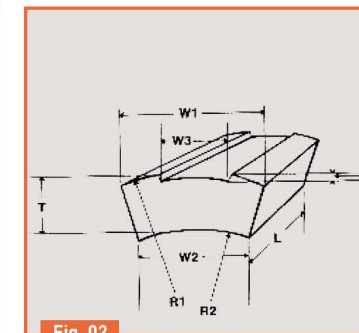


Fig. 02

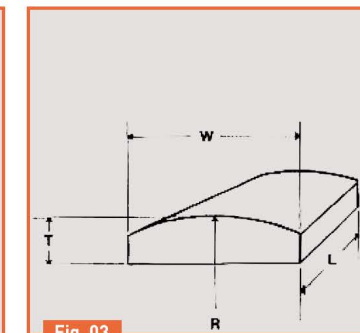


Fig. 03

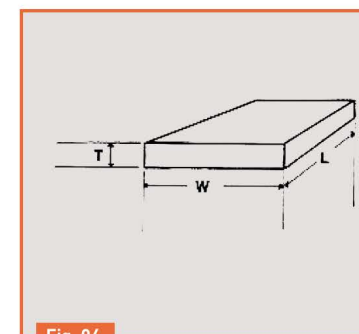


Fig. 04

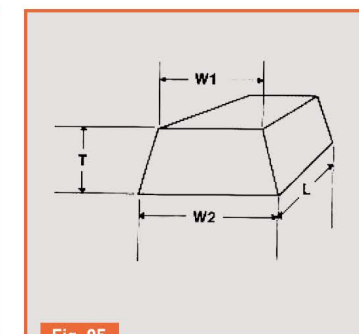


Fig. 05

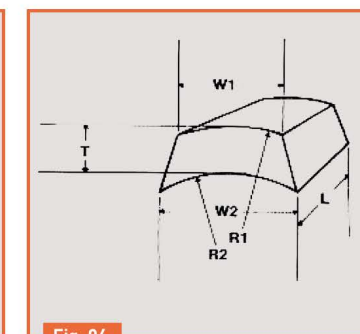


Fig. 06

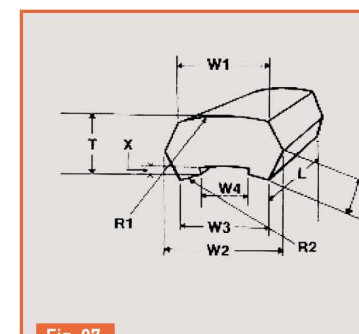


Fig. 07

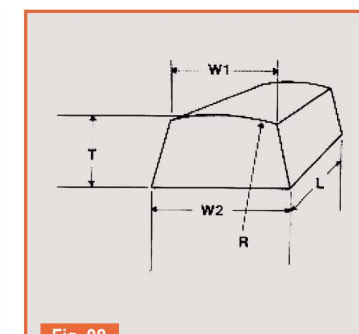


Fig. 08

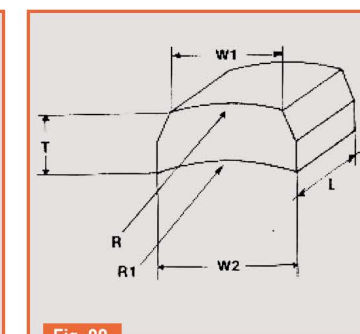


Fig. 09

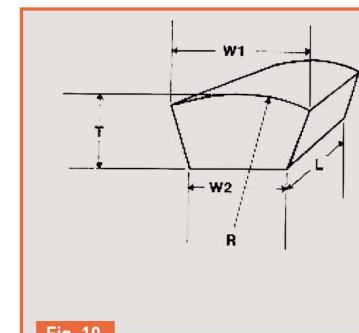


Fig. 10

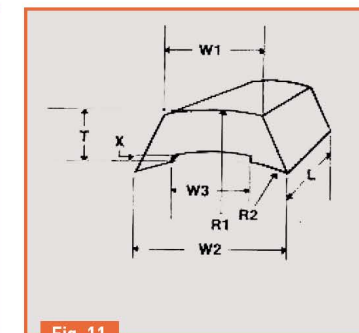


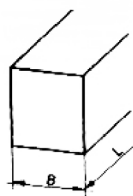
Fig. 11

SONO INOLTRE DISPONIBILI ALTRE FORME DI TIPOLOGIA SPECIALE
BESIDES THERE ARE OTHER AVAILABLE SHAPES OF SPECIAL TYPE

UTENSILI ABRASIVI CON UTILIZZO MANUALE
ABRASIVE TOOLS WITH MANUAL USE

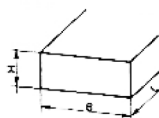
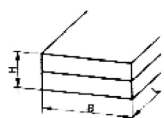
BLOCCHETTI

Per spianatura e sagomatura manuale di stampi e maschere. Disponibili in varie dimensioni, costruiti in singolo e doppio abrasivo, porosi e non.



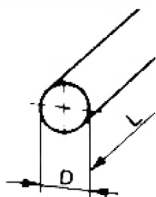
BLOCKS

For smoothing and manual profiling of moulds and masks. They are available in different sizes, manufactured in single and double abrasive, porous and not.



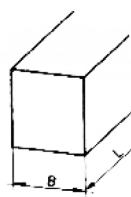
RAVVIVATORI

Per pulizia e sagomatura di mole e segmenti per rettifica. Disponibili in varie dimensioni quadrati, tondi e rettangolari.



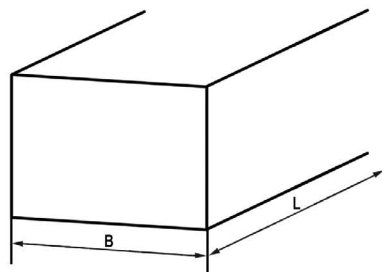
DRESSING STICKS

For cleaning and profiling wheels and grinding segments. They are available in different sizes square, round and rectangular.



RODATORI

Per la pulizia di utensili diamantati durante l'utilizzo e per la rodatura di dischi e lame diamantate nel processo produttivo. Costruiti in varie dimensioni e con cariche di abrasivo semifriabile a percentuale variabile per meglio adattarsi all'esigenza di aggredire le diverse tipologie dei leganti sinterizzati senza intaccare le guglie dei diamanti presenti negli utensili.



ABRASIVE STONES

For diamanted tools cleaning during their utilise and for the grinding of disks and diamanted blades in the producing cicle. They are produced in various sizes with different percentage of semifriable abrasive quantity in order to adapt itself in the better way to the necessity of attacking the different types of synterized bonds without damaging the points of the diamonds into the tools.

MOLE SU PERNO
MOUNTED POINTS

La nostra società produce l'intera gamma di questo prodotto secondo le normative "FEPA" ed internazionali.

- MOLE CON FORO E/O INCAVO PER LAVORAZIONE DI INTERNI
- MOLE MONTATE SU PERNO PER L'IMPIEGO SU UTENSILI PNEUMATICI O ELETTRICI
- MOLE MONTATE SU PERNO FILETTATO

Oltre alla possibilità di produrre a richiesta mole con tipologia di abrasivo, forme e dimensione del perno speciali siamo in grado di offrirvi una gamma di mole standard pronte a magazzino in abrasivo rosa (perno 6) e rubino (perno 3) nelle seguenti granulometrie, con durezza P e struttura 5.

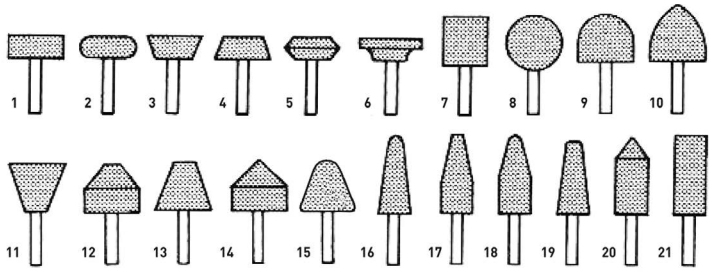
Our society produces the entire range of this product according to "FEPA" and international rules.

- WHEELS WITH HOLE AND/OR DEPRESSION AND INTERNAL CYLINDRICAL WHEELS
- MOUNTED POINTS FOR USE ON PNEUMATIC AND ELETRIC TOOLS
- MOUNTED POINTS WITH THREADED SHANK

Upon request we have the possibility to produce special type of abrasive, shapes and shank's sizes while usually we are able to offer a wide range of standard mounted wheels ready at stock in pink (shank 6) and ruby (shank 3) abra-sive, in the following grains, with hardness P and structure 5.

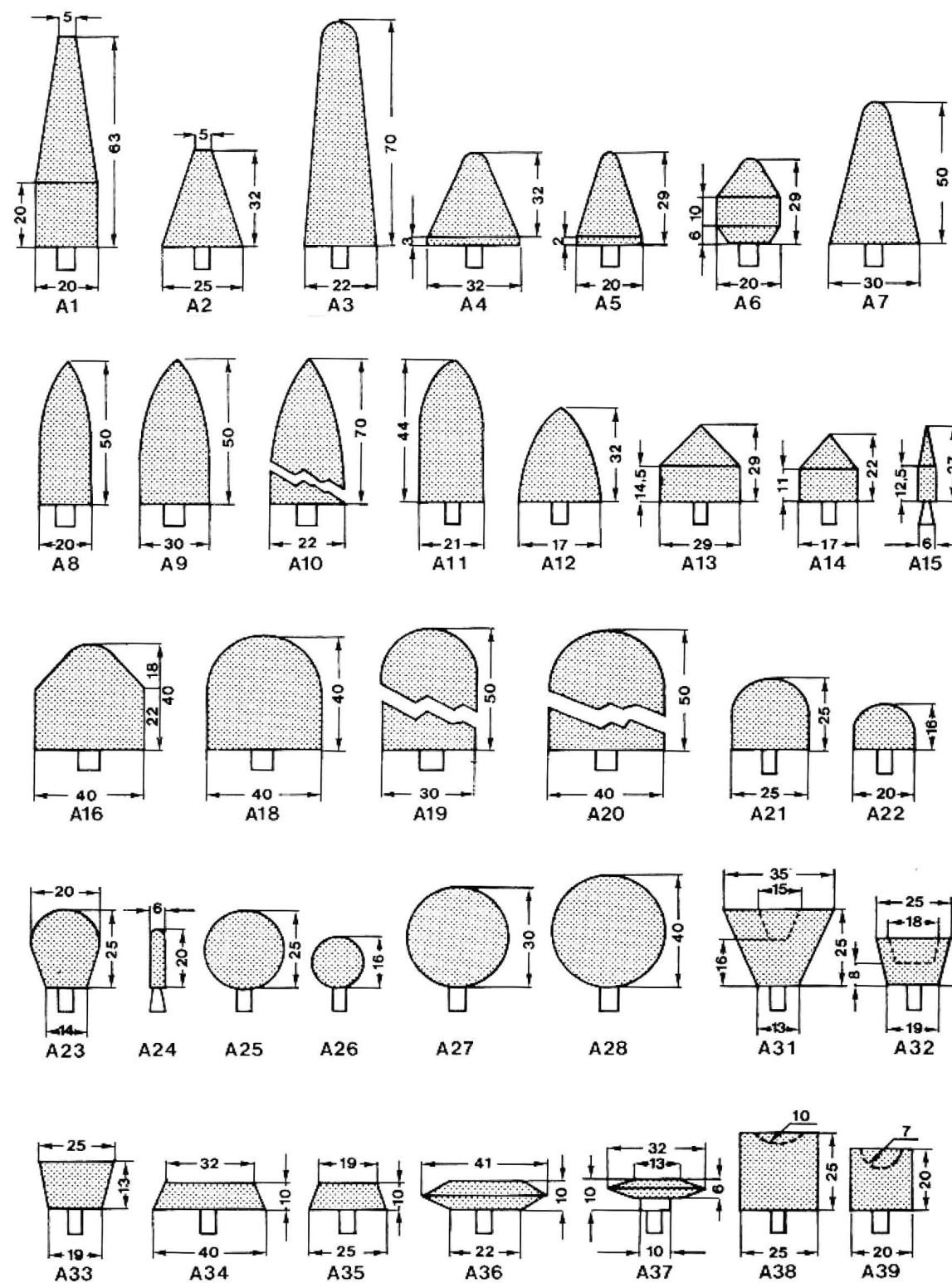
DIAMETRO DIAMETER	SPESSORE THICKNESS															
	4	6	8	10	12	15	20	25	30	32	35	40	45	50	65	70
2		100														
3		80	80													
4		80	80	80	80											
5	80	80	80	80	80	80										
6		80	80	80	80	80	80	80								
8			80	80	80	80	80	80	80							
10	60	60	60	60	60	60	60	60	60	60						
12	60	60	60	60	60	60	60	60	60							
15	60	60	60	46	46	46	46	46	46	46	46	46				
20	60	60	60	46	46	46	46	46	46	46	46	46	46	36/46		
22											46	46	46	36/46	36/46	36/46
25		60	60	46	46	46	46	46	46	46	46	46				
30		60	60	46	46	46	46	46	46	36/46	36/46	36/46	36/46	36/46		
32										36/46	36/46	36/46	36/46	36/46		
35				46	46	46					36/46	36/46				
40		60	60	46	46	46	36/46	36/46	36/46	36/46	36/46	36/46	36/46	36/46		
45																
50		60	60	46	46	46	36/46	36/46	36/46	36/46	36/46	36/46	36/46	36/46	36/46	
55				46	46	46										
60				46	46	46	36/46									
70				46	46	46										

FORME DISPONIBILI
SHAPES AVAILABLE



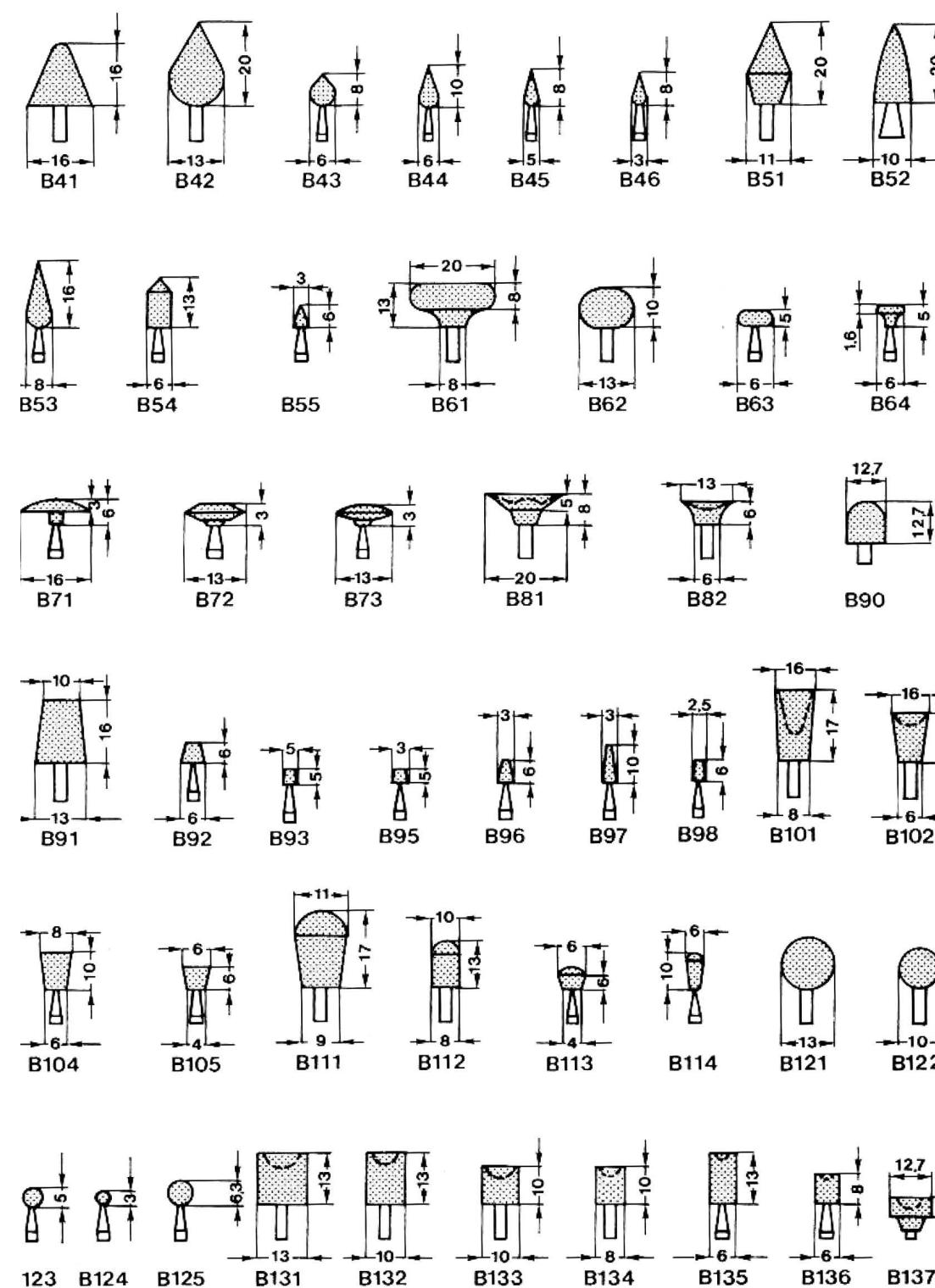
MOLE SU PERNO NORMALIZZANTE "FEPA" MOUNTED POINTS ACCORDING TO "FEPA"

GRUPPO A SAGOMATE CON PERNO mm 6 x 40 A GROUP PROFILED WITH SHANK mm 6 x 40



MOLE SU PERNO NORMALIZZANTE "FEPA" MOUNTED POINTS ACCORDING TO "FEPA"

GRUPPO B SAGOMATE CON PERNO mm 3 x 38 B GROUP PROFILED WITH SHANK mm 3 x 38



MOLE SU PERNO NORMALIZZANTE “FEPA”
MOUNTED POINTS ACCORDING TO “FEPA”



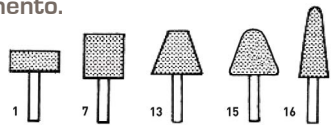
GRUPPO W CILINDRICHE CON PERNO mm 6X40
SHAPE W, CYLINDRICAL, WITH SHANK MM 6X40

FORMA SHAPE	DIAMETRO DIAMETER	SPESSORE THICKNESS	FORMA SHAPE	DIAMETRO DIAMETER	SPESSORE THICKNESS	FORMA SHAPE	DIAMETRO DIAMETER	SPESSORE THICKNESS	FORMA SHAPE	DIAMETRO DIAMETER	SPESSORE THICKNESS
W 141	2,5	4	W 168	8	8	W 195	16	20	W 222	25	50
W 142	2,5	6	W 169	8	10	W 196	16	25	W 223	25	63
W 143	3	3	W 170	8	12	W 197	16	50	W 224	25	76
W 144	3	6	W 171	8	20	W 198	16	63	W 225	30	6
W 145	3	10	W 172	10	1,5	W 199	20	1,5	W 226	30	10
W 146	3	13	W 173	10	3	W 200	20	3	W 227	30	13
W 147	4	1	W 174	10	6	W 201	20	6	W 228	30	20
W 148	4	1,5	W 175	10	10	W 202	20	10	W 229	30	25
W 149	4	6	W 176	10	13	W 203	20	13	W 230	30	30
W 150	4,75	1,5	W 177	10	20	W 204	20	20	W 231	30	40
W 151	4,75	3	W 178	10	25	W 205	20	25	W 232	30	50
W 152	4,75	6	W 179	10	30	W 206	20	32	W 233	30	63
W 153	4,75	10	W 180	13	1	W 207	20	40	W 234	30	76
W 154	5	13	W 181	13	1,5	W 208	20	50	W 235	40	6
W 155	5	6	W 182	13	3	W 209	20	63	W 236	40	13
W 156	6	1	W 183	13	6	W 210	22	1,5	W 237	40	25
W 157	6	1,5	W 184	13	10	W 211	22	3	W 238	40	40
W 158	6	3	W 185	13	13	W 212	22	6	W 239	40	50
W 159	6	5	W 186	13	20	W 213	22	10	W 240	40	63
W 160	6	6	W 187	13	25	W 214	24	6	W 241	40	76
W 161	6	8	W 188	13	40	W 215	25	3	W 242	50	25
W 162	6	10	W 189	13	50	W 216	25	6	W 243	50	40
W 163	6	13	W 190	16	1,5	W 217	25	10	W 244	50	50
W 164	8	20	W 191	16	3	W 218	25	13	W 245	50	63
W 165	8	2	W 192	16	6	W 219	25	20	W 246	50	76
W 166	8	3	W 193	16	10	W 220	25	25			
W 167	8	6	W 194	16	13	W 221	25	40			

PUNTE MONTATE PER LA LAVORAZIONE
DELLA GOMMA E DERIVATI / RESINE SINTETICHE
MOUNTED POINTS FOR WORKING THE RUBBER
AND ITS DERIVATIVES AND FOR WORKING THE SYNTHETIC RESINS



Questi utensili a legante vetrificato, grazie all'elevata porosità indotta, riescono ad espellere le particelle del materiale asportato, che altrimenti li rivestirebbero annullandone il potere abrasivo. Grazie a queste caratteristiche sono in grado di sostituire gli utensili tradizionali quali: mole lamellari, rulli lamellari, tele abrasive etc. e a migliorarne notevolmente gli attuali parametri di consumo/rendimento.



These vitrified bonded utensils, thanks to the high induced porosity, are able to expel the particles of the removed materials, that, otherwise, would cover them and that would cancel out their abrasive power. Thanks to these characteristic they are able to replace the traditional utensils such as: lamellar wheels, lamellar rollers, abrasive sheets etc. and they are also able to increase the standard of consumption/performance

MOLE PER AFFETTASALUMI
ABRASIVE STONES FOR FOOD SLICING-MACHINES

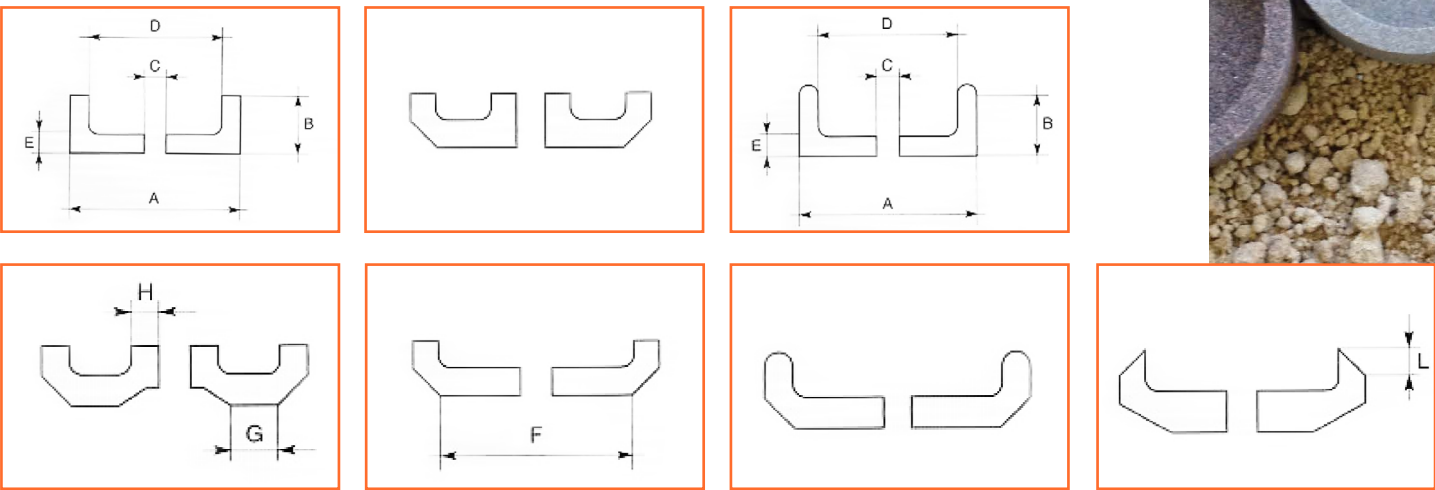
La nostra azienda, leader nella produzione di questo articolo, ha la possibilità di fornire qualunque tipologia richiesta, oltre a disporre, pronte a magazzino, delle mole utilizzate su tutte le macchine per affettasalumi prodotte in Europa e in America dal 1960 ad oggi.

Normalmente queste mole vengono prodotte nei seguenti abrasivi e granulometrie:

Our firm, leader in the production of this item, has the possibility to supply any new type of this particular product, besides having ready at stock all the utilised abrasive stones for all the food slicing machines produced in Europe and in America from the 1960 up today.

Usually these abrasive stones are produced in the following abrasives and grains:

1A grigio	9A bianco	11A rosa	1A grey	9A white	11A pink
9AR rosso mattone	9AB azzurro	4C verde	9AR red	9AB sky-blue	4C green
51A mix 1A 11A 9AB	10AR marrone		51A mix 1A 11A 9AB	10AR brown	
60 grana grossa	per affilatura		60 coarsed grained	for sharpening machine	
80 grana media	per affilatura		80 medium grained	for sharpening machine	
100 grana medio fine	per affilatura		100 medium fine grained	for sharpening machine	
120 grana fine	per affilatura		120 fine grained	for sharpening machine	
150 grana media	per sbavatura		150 medium grained	for trimming machine	
180 grana medio fine	per sbavatura		180 medium fine grained	for trimming machine	
220 grana fine	per sbavatura		220 fine grained	for trimming machine	



DISCHI DA TAGLIO CON/SENZA RINFORZO
CUTTING DISKS WITH/WITHOUT REINFORCEMENT

UTENSILI ABRASIVI A LEGANTE RESINOIDE PER SBAVATURA
ABRASIVE UTENSIL IN RESINOID BONDED FOR DEBURRING

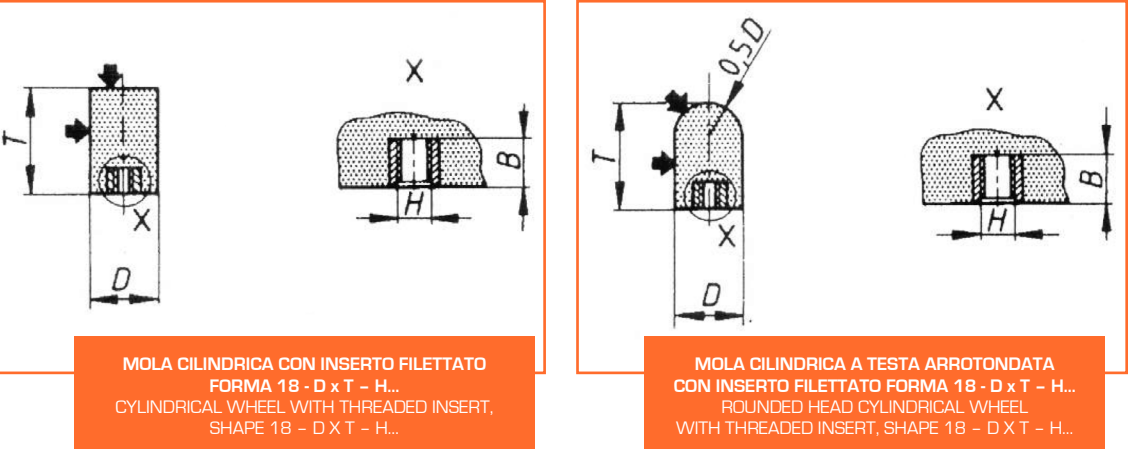
MOLE A PIGNA
BULLET GRINDING BITS

A 20 Q Per ferro acciai comuni e ghise. Media durata - Elevata asportazione.
Medium-life bit suitable for iron, steel and cast iron.

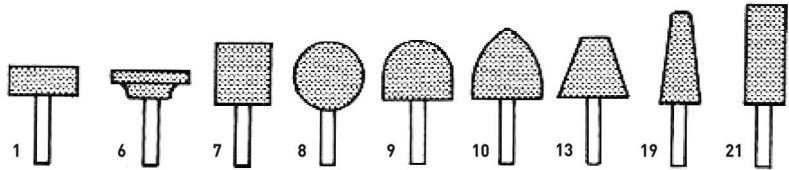
A 30 Q Per ferro acciai comuni e ghise. Media durata - Media asportazione.
Medium-life bit suitable for iron, steel and cast iron.

È possibile inoltre, su richiesta, la fornitura in qualunque tipologia di abrasivo.
On request it is possible the supply in any type of abrasive.

DIAMETRO A mm DIAMETER A mm	SPESSORE C mm WIDTH C mm						FORO FILETTATO F mm SCREW THREAD F mm
	50	60	70	80	90	100	
40	●	●	●	●	●		M 10 X 1,5
50	●	●	●	●	●		M 12 X 1,75
60	●	●	●	●	●		M 14 X 1,5
70	●	●	●	●	●		M 14 X 2
100				●	●	●	M 16 X 2
							WHITW 5/8"



MOLE SU PERNO PER FONDERIE
MOUNTED POINTS FOR FOUNDRIES





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abrasivi

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