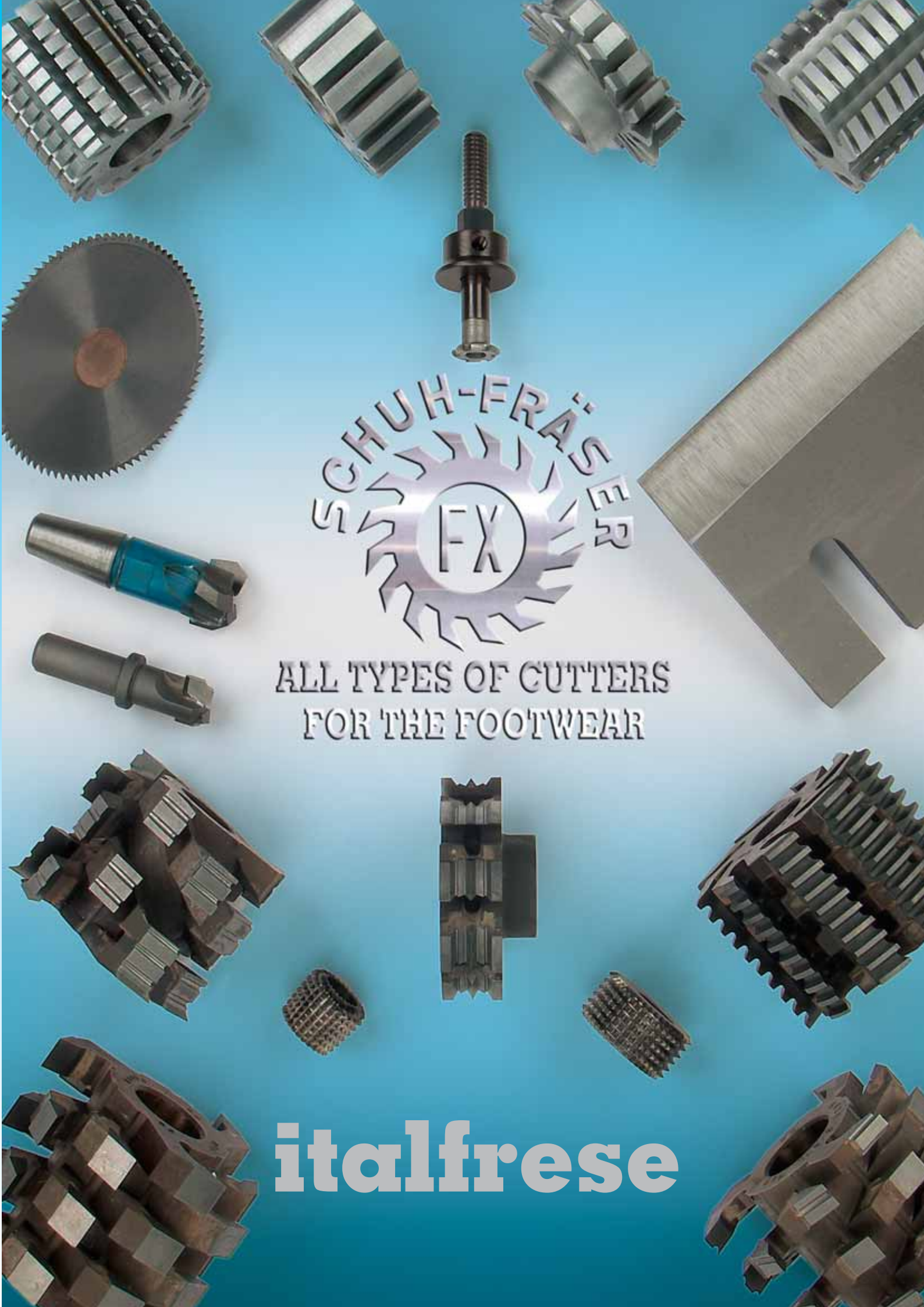

SCHUH-FRÄSER
FX
ALL TYPES OF CUTTERS
FOR THE FOOTWEAR
italfrese

SCHUH-FRÄSER ITALFRESE

Utensili per calzaturifici e per riparatori.
Dal 1969 produciamo le migliori frese in acciaio speciale per l'industria calzaturiera e per i riparatori.
Dal 1975 produciamo anche frese in carburo di tungsteno.
Siamo dunque gli unici costruttori in Italia in grado di fornire alla clientela la gamma più completa di utensili per il settore, e con la nostra trentennale esperienza siamo a disposizione per risolvere qualsiasi vostro problema.

SCHUH-FRÄSER ITALFRESE

Tipped tools for shoes factories and mechanist in general.
From 1969 we have been manufacturing the best cutters in special steel for shoe industry and shoe repairs, from 1975 we have been manufacturing the same cutters in tungsten carbide too, appering therefore the only factory in Italy beeing able to offer to the customers the more complete set of tipped tools for the area.
Our thirtyfour-years presence in the national and international markets, is the proof of our reliability and professionality we place at your disposal to solve every problems of this field.

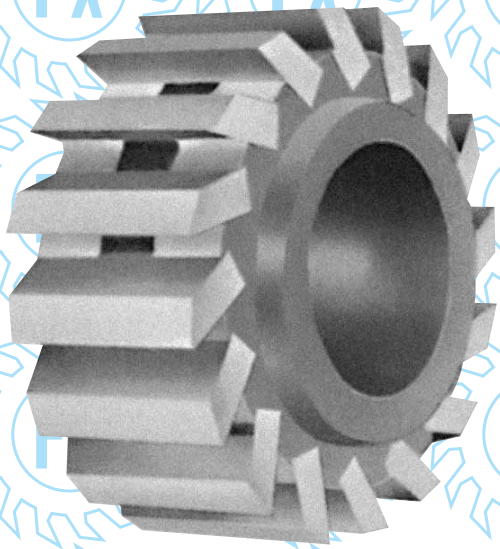
1969 年来，本公司一直在为制鞋工业及修鞋业制造质量最优的特殊钢刀具。自 1975 多年前，我们也利用碳化钨硬质合金制造相同的刀具。因此，在该领域中我们是意大利唯一能够为顾客提供一套较完整的尖刃刀具的厂商。

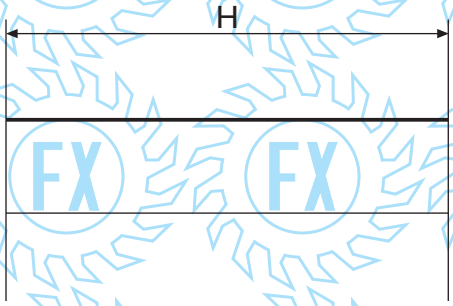
本公司在国内、外市场上 1969 年来的表现就是可靠性及专业性的最佳证明。我们乐意随时为您解决有关方面的各类问题。

SCHUH-FRÄSER FX

italfrese

W A 18

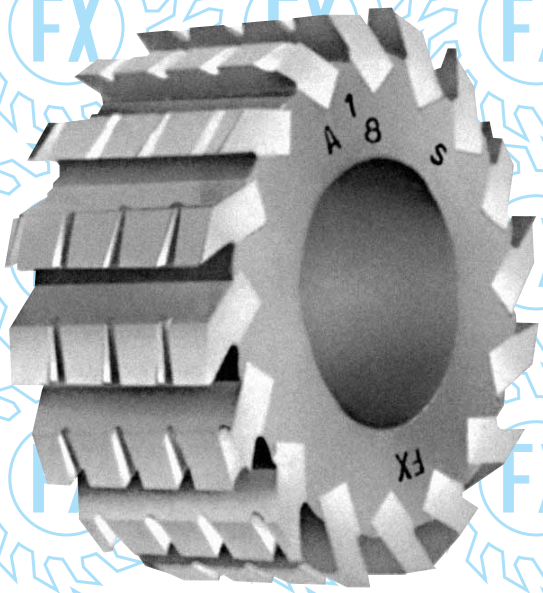


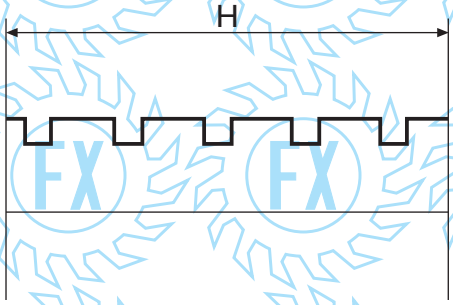


W A 18 Ø42 16Z
H 18
H 20
H 22
H 26

SCHUH-FRÄSER FX
italfrese

W A 18S

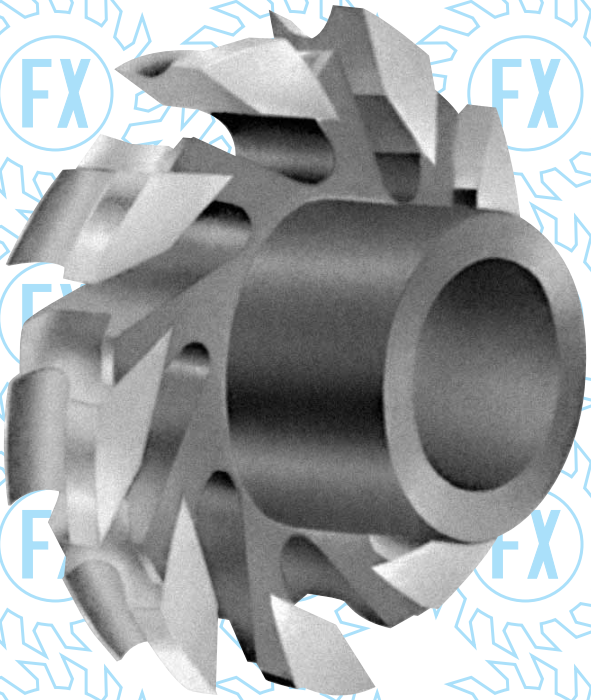


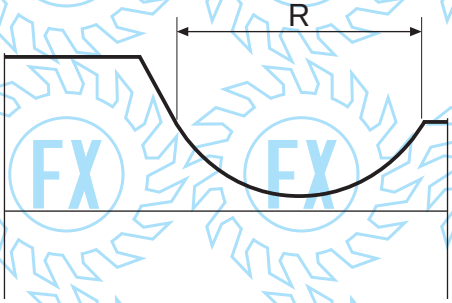


W A 18S Ø42 16Z
H 18
H 20
H 22
H 26

SCHUH-FRÄSER FX
italfrese

W HB

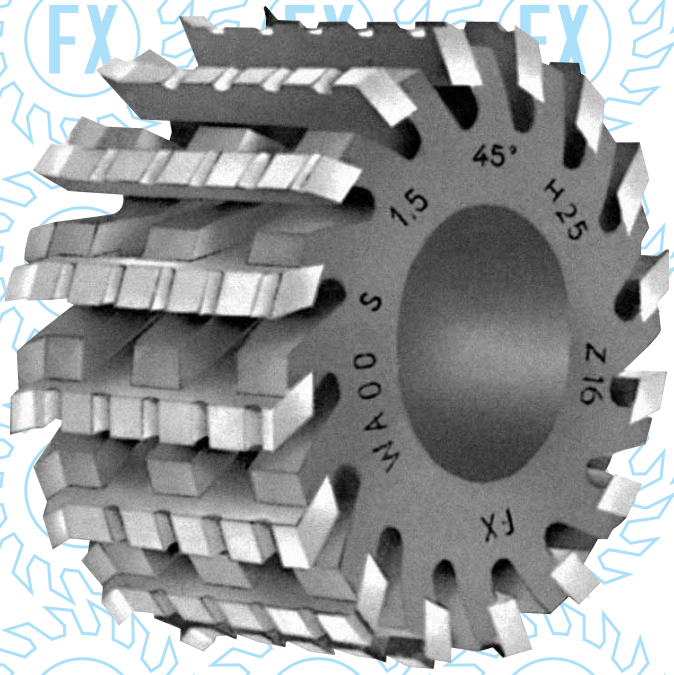


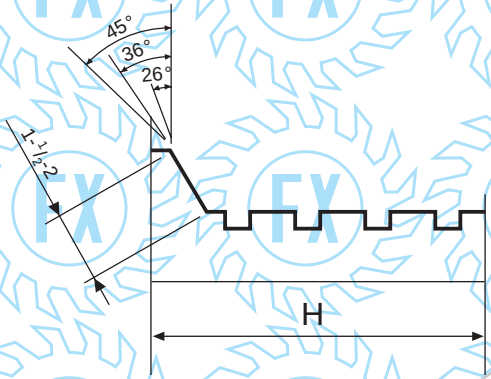


W HB Ø48 9Z

SCHUH-FRÄSER FX
italfrese

W AOOOS 1 26°

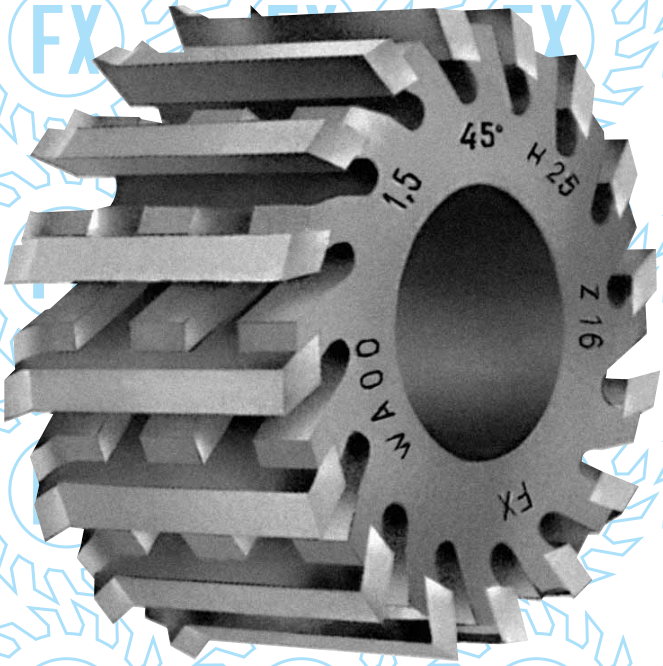


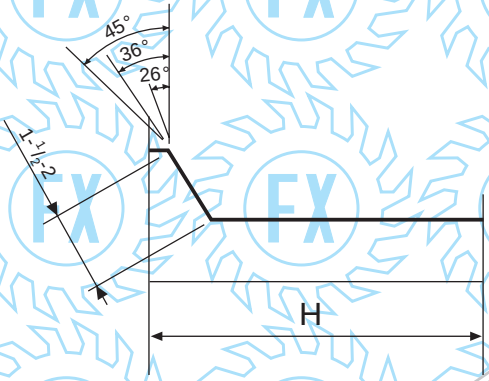


W AOOS 1 26° Ø48 16Z
H 18
H 20
H 22
H 26
H 32
H 36
H 40

SCHUH-FRÄSER FX
italfrese

W AOOO 1 26°

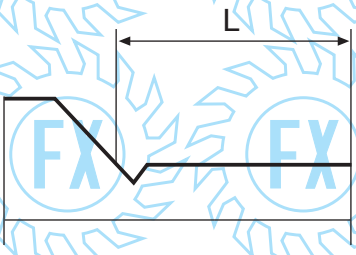




W AOOO 1 26° Ø48 16Z
H 18
H 20
H 22
H 26
H 32
H 36
H 40

SCHUH-FRÄSER FX
italfrese

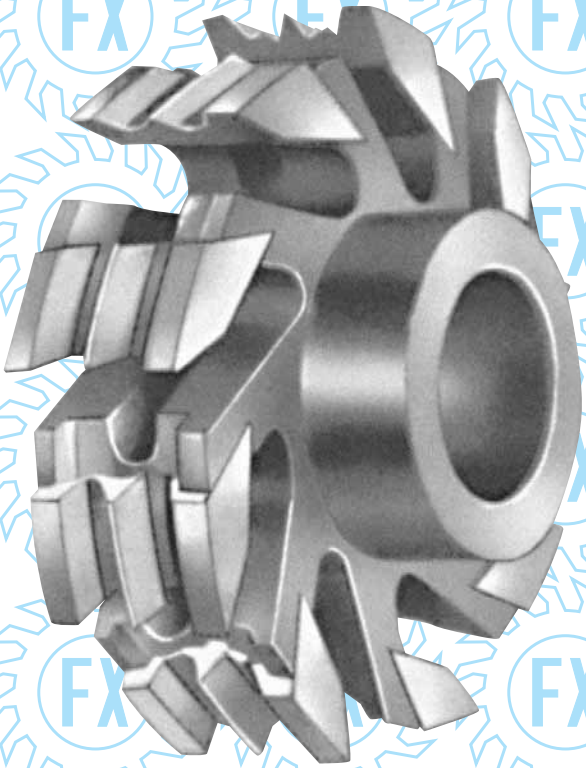
W B370 OR



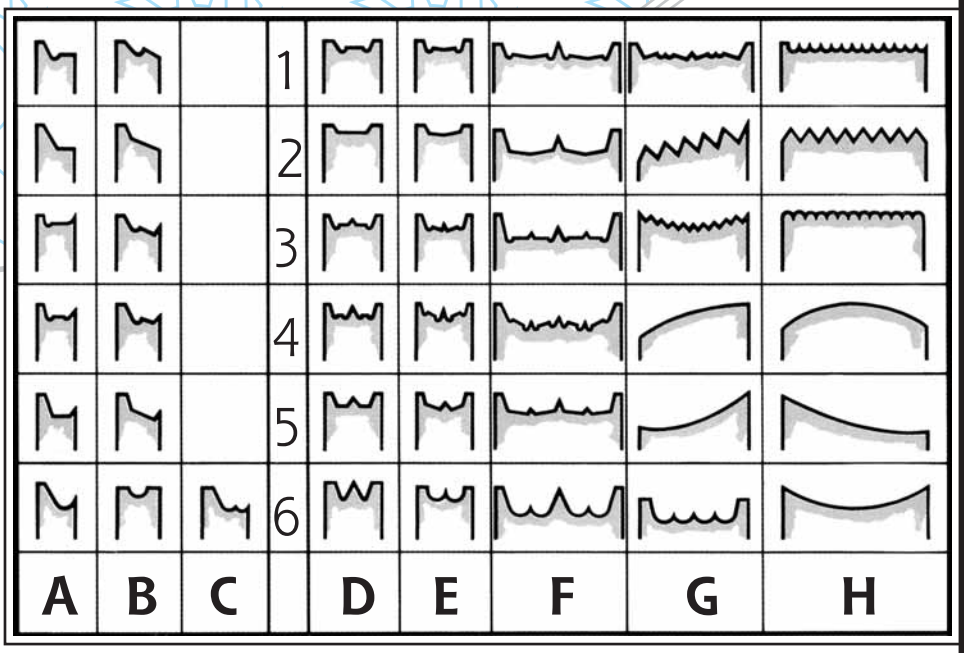
W B370 OR Ø48 16Z

SCHUH-FRÄSER FX
italfrese

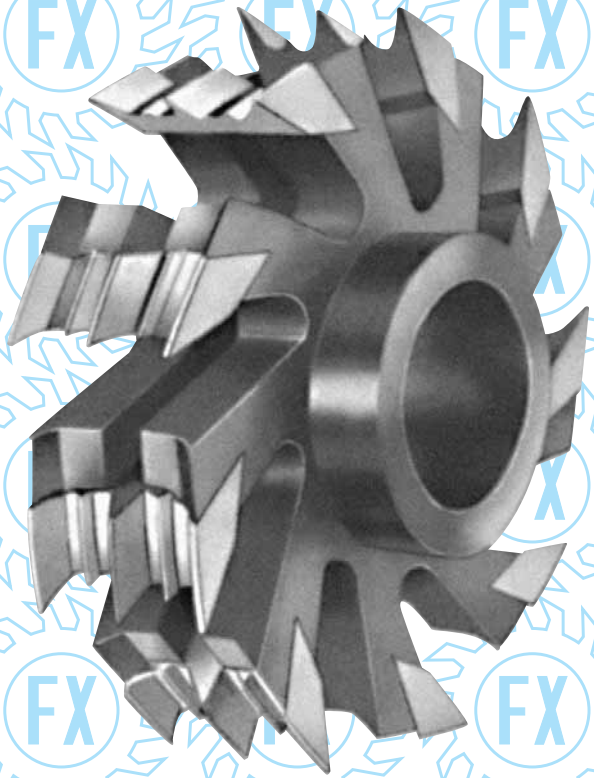
Frese sagomate - FS Ø52
foro conico



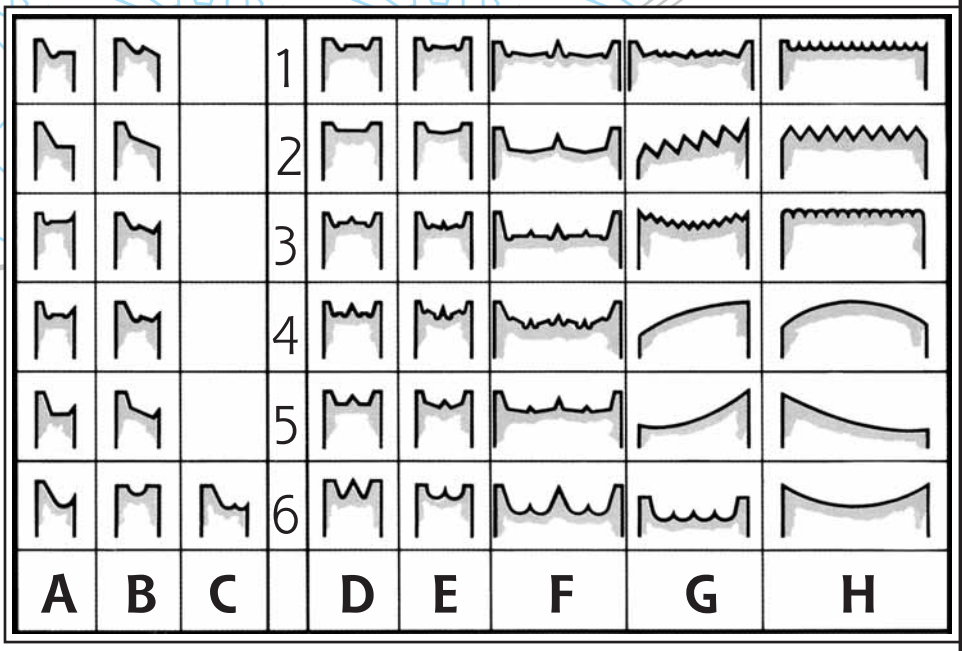
FRESE SAGOMATE
FS Ø52
FORO CONICO
CLASSIFICAZIONE DEI PROFILI:
CLASSIFICATION DES PROFILS:
CLASSIFICATION OF PROFILES:
KLASSIFIKATION DER PROFILE:
CLASIFICACION DE LOS PERFILES:



SCHUH-FRÄSER FX
italfrese

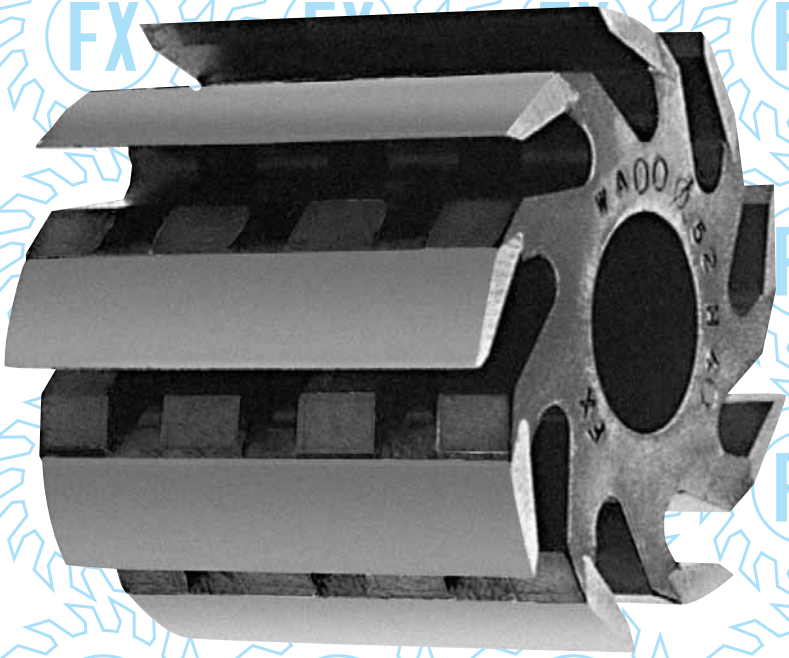


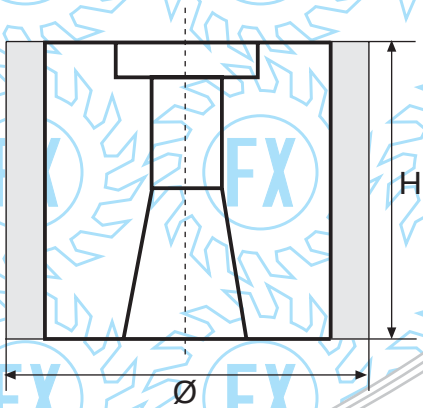
FRESE SAGOMATE
FS Ø62
CLASSIFICAZIONE DEI PROFILI:
CLASSIFICATION DES PROFILS:
CLASSIFICATION OF PROFILES:
KLASSIFIKATION DER PROFILE:
CLASIFICACION DE LOS PERFILES:



WAOO

CARATTERISTICHE: Fresa per tacchi, suole e sopratacchi.
CARACTERISTIQUES: Fraise pour talons, semelles et couvresemelles.
CHARACTERISTICS: Cutter for heels, footsoles and undersoles.
EIGENSCHAFTEN: Absatz-, Sohlen- und Absatzfleckfräser.
CARACTERISTICAS: Fresadora para taconas, suelas y refuerzos del tacon.



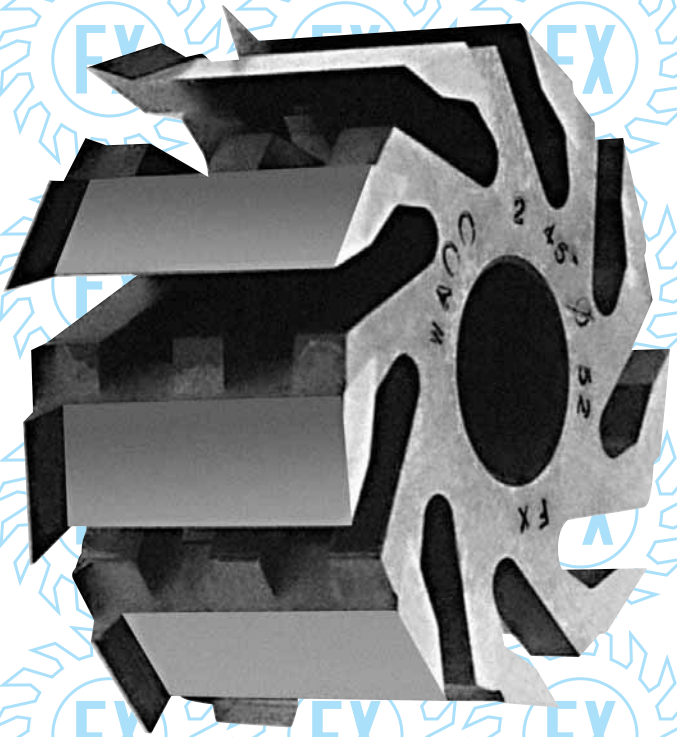


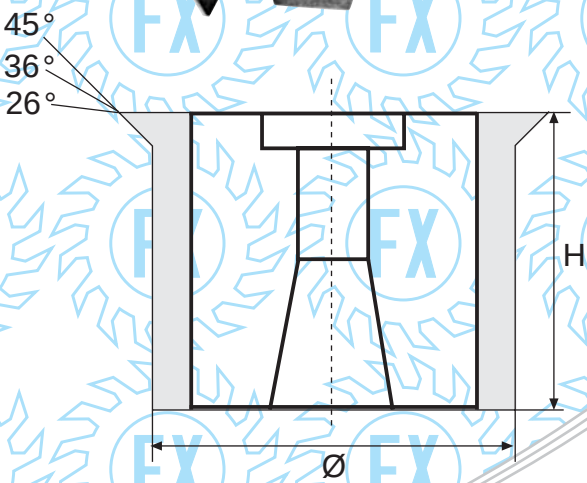
WAOO Ø52 FORO CONICO 9 Z	WAOO Ø62 FORO CILINDRICO 19 9 Z
COD. 100	**COD. 101**
H 10	H 10
H 15	H 15
H 20	H 20
H 25	H 25
H 32	H 32
H 40	H 40
H 45	H 45
H 50	H 50
H 55	H 55
H 60	H 60
Esec. foro 19 cod. 102	Esec. foro conico 103

SCHUH-FRÄSER FX italfrese

WA00 1 45°

CARATTERISTICHE: Fresa per tacchi, suole.
CARACTERISTIQUES: Fraise pour talons et semelles.
CHARACTERISTICS: Cutter for heels and footsoles.
EIGENSCHAFTEN: Absatz- und Sohlen.
CARACTERISTICAS:Fresadora para taconas y suelas.





WA00 1 45° Ø52 FORO CONICO 9 Z	WA00 1 45° Ø62 FORO CILINDRICO 19 9 Z
COD. 104	**COD. 105**
H 10	H 10
H 15	H 15
H 20	H 20
H 25	H 25
H 32	H 32
H 40	H 40
H 45	H 45
H 50	H 50
H 55	H 55
H 60	H 60
Esec. foro 19 cod. 106	Esec. foro conico 107

SCHUH-FRÄSER FX
italfrese

WAOO S

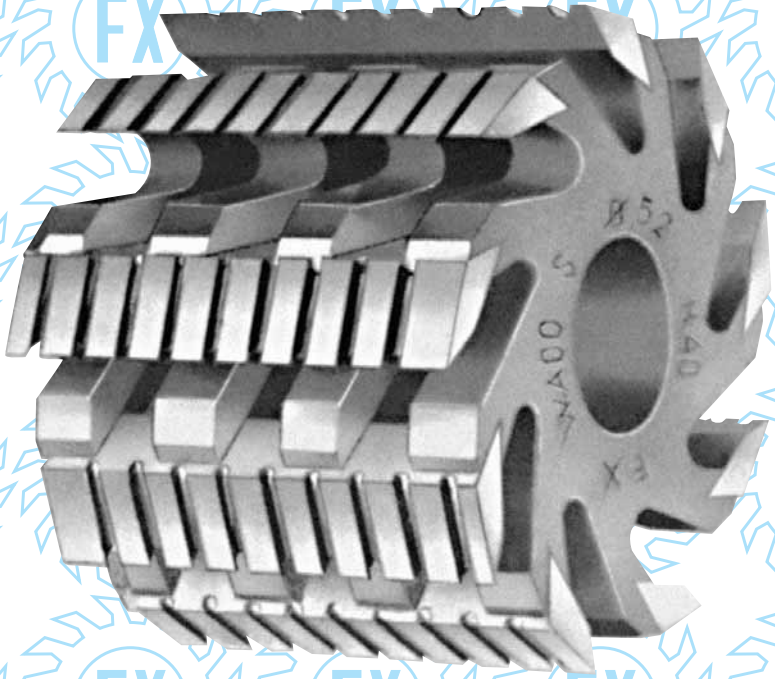
CARATTERISTICHE: Fresa per tacchi e suole, 9 denti, per la lavorazione di cuoio e materiali sintetici su fresatrici a mano o automatiche.

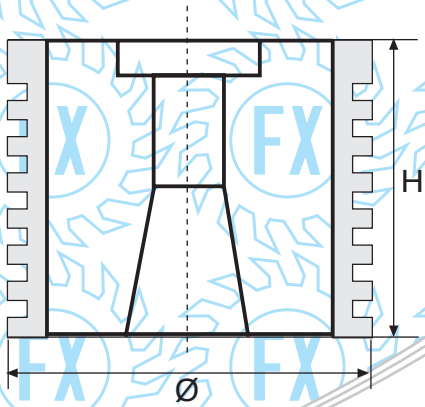
CARACTERISTIQUES: Fraise à talons et à semelles, 9 dents, pour le façonnage du cuir et du matières synthétiques sur fraiseuses manuelles ou automatiques.

CHARACTERISTICS: Cutter for heels and soles, 9 teeth, for working leather and synthetic material on hand-operated or automatic milling machines.

EIGENSCHAFTEN: Fräser für Absätze und Sohlen, 9 Zähne, zur Bearbeitung von Leder und Kunststoffen auf Hand- oder automatischen Fräsmaschinen.

CARACTERISTICAS: Fresa para tacones y suelas, 9 dientes, para la elaboración de cuero y materiales sinteticos sobre fresadoras manuales o automáticas.

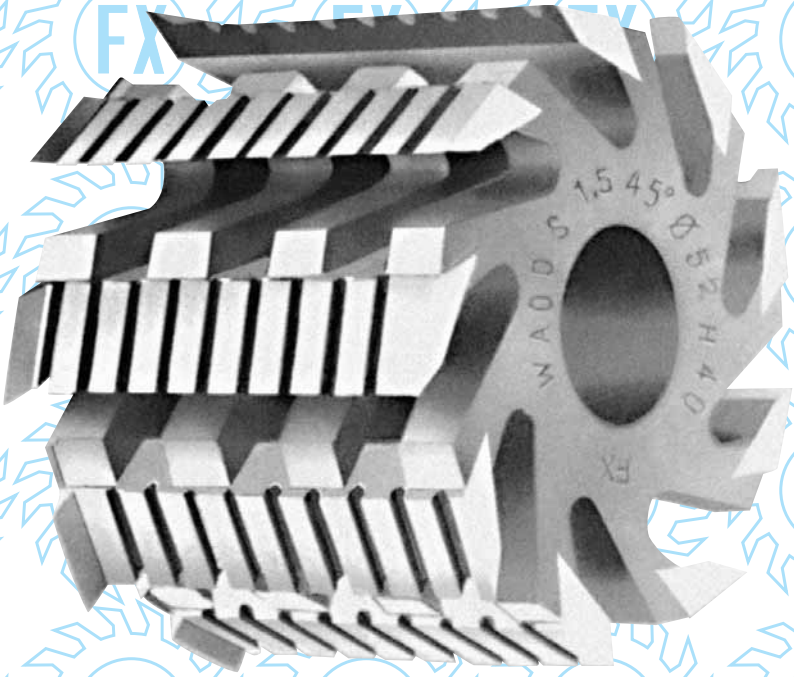




WAOO S Ø52 FORO CONICO	WAOO S Ø62 FORO CILINDRICO 19
H 10	H 10
H 15	H 15
H 20	H 20
H 25	H 25
H 32	H 32
H 40	H 40
H 45	H 45
H 50	H 50
H 60	H 60

SCHUH-FRÄSER FX
italfrese

W AOO S1 45°



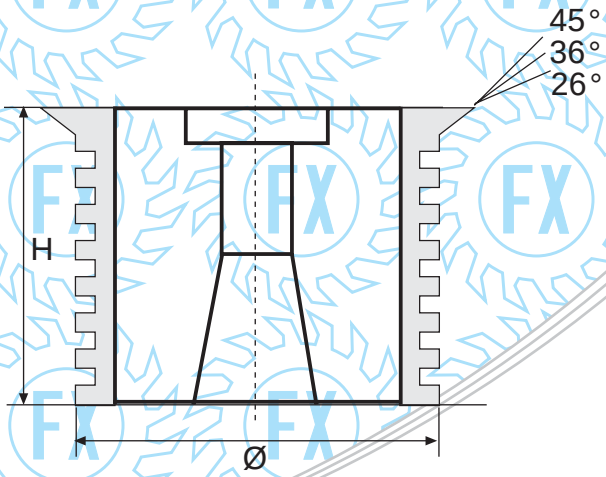
CARATTERISTICHE: Fresa per tacchi, 9 denti, per la lavorazione di cuoio e materiali sintetici su fresatrici a mano o automatiche.

CARACTERISTIQUES: Fraise à talons, 9 dents, pour le façonnage du cuir et du matiéres synthétiques sur fraiseuses manuelles ou automatiques.

CHARACTERISTICS: Cutter for heels, 9 teeth, for working leather and synthetic material on hand-operated or automatic milling machines.

EIGENSCHAFTEN: Fräser für Absätze, 9 Zähne, zur Bearbeitung von Leder und Kunststoffen auf Hand- oder automatischen Fräsmaschinen.

CARACTERISTICAS: Fresa para tacones, 9 dientes, para la elaboración de cuero y materiales sinteticos sobre fresadoras manuales o automáticas.



W AOO S1 45° Ø52 FORO CONICO	W AOO S1 45° Ø62 FORO CILINDRICO 19
H 10	H 10
H 15	H 15
H 20	H 20
H 25	H 25
H 32	H 32
H 40	H 40
H 45	H 45
H 50	H 50
H 60	H 60

SCHUH-FRÄSER FX
italfrese

W AOO SS

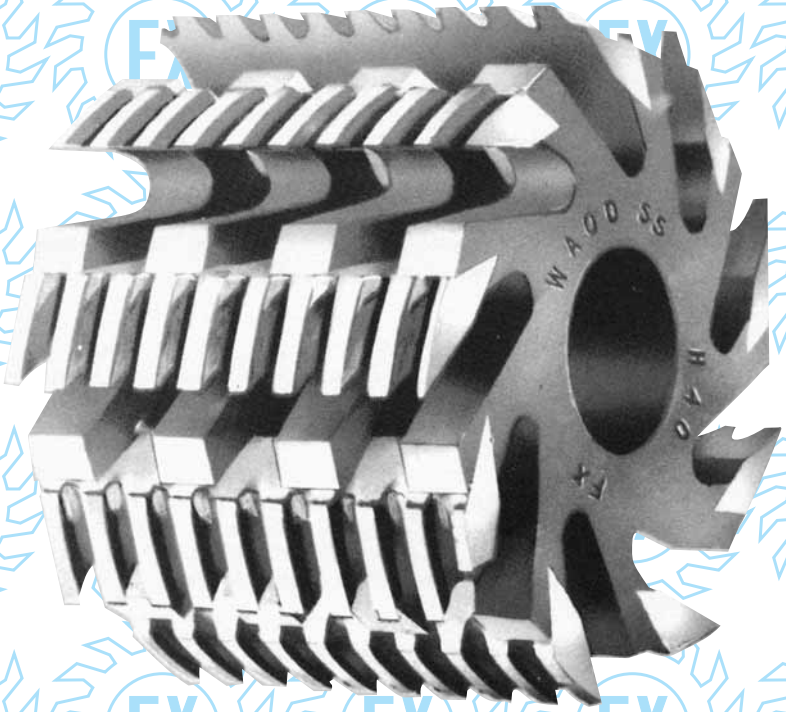
CARATTERISTICHE: Fresa per tacchi e suole, 9 denti, eccezionale per la lavorazione del crepe naturale su fresatrici a mano o automatiche.

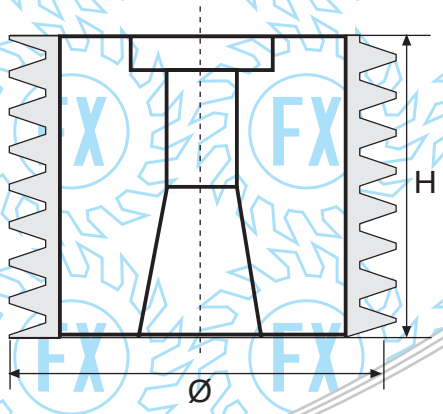
CARACTERISTIQUES: Fraise à talons et à semelles, 9 dents, exceptionnelle pour le façonnage du crêpe naturel sur fraiseuses manuelles ou automatiques.

CHARACTERISTICS: Cutter for heels and soles, 9 teeth, unusually good for working natural crepe on hand-operated or automatic milling machines.

EIGENSCHAFTEN: Fräser für Absätze und Sohlen, 9 Zähne, extrem gut geeignet zur Bearbeitung von Naturkrepp auf Hand- oder automatischen Fräsmaschinen.

CARACTERISTICAS: Fresa para tacones y suelas, 9 dientes, excepcional para la elaboración del «crepe» natural sobre fresadoras manuales o automáticas.

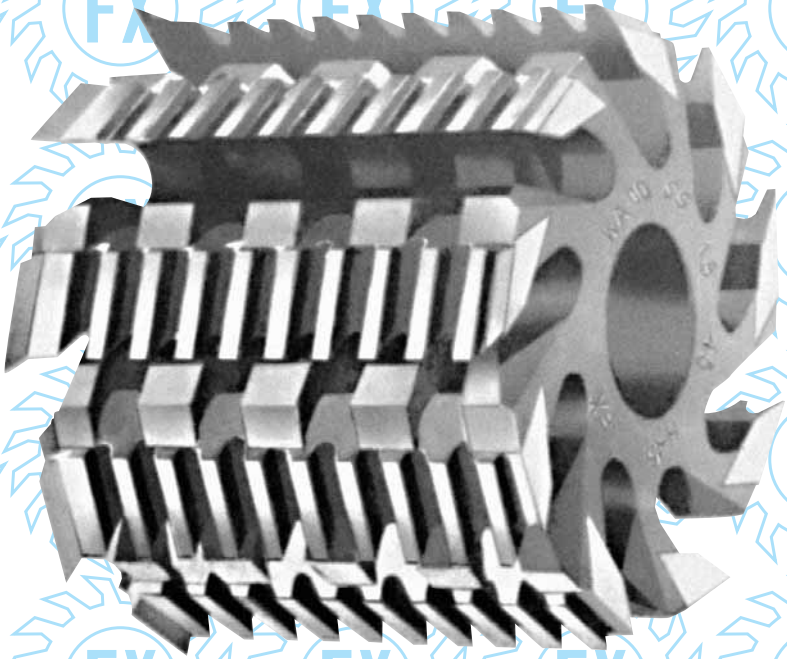


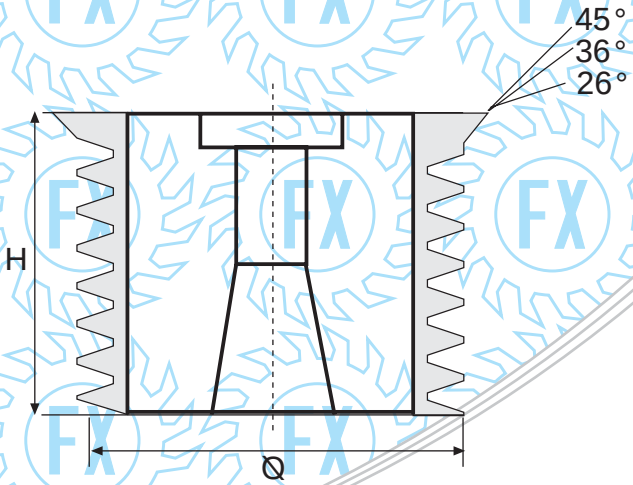


W AOO SS Ø52 FORO CONICO	W AOO SS Ø62 FORO CILINDRICO 19
H 10	H 10
H 15	H 15
H 20	H 20
H 25	H 25
H 32	H 32
H 40	H 40
H 45	H 45
H 50	H 50
H 60	H 60

SCHUH-FRÄSER FX
italfrese

W AOO SS1 1/2 45°





CARATTERISTICHE: Fresa per tacchi e suole, 9 denti, eccezionale per la lavorazione del crepe naturale su fresatrici a mano o automatiche.

CARACTERISTIQUES: Fraise à talons et à semelles, 9 dents, exceptionnelle pour le façonnage du crêpe naturel sur fraiseuses manuelles ou automatiques.

CHARACTERISTICS: Cutter for heels and soles, 9 teeth, unusually good for working natural crepe on hand-operated or automatic milling machines.

EIGENSCHAFTEN: Fräser für Absätze und Sohlen, 9 Zähne, extrem gut geeignet zur Bearbeitung von Naturkrepp auf Hand- oder automatischen Fräsmaschinen.

CARACTERISTICAS: Fresa para tacones y suelas, 9 dientes, excepcional para la elaboración del «crepe» natural sobre fresadoras manuales o automáticas.

W AOO SS1 1/2 45° Ø52 FORO CONICO	W AOO SS1 1/2 45° Ø62 FORO CILINDRICO 19
H 10	H 10
H 15	H 15
H 20	H 20
H 25	H 25
H 32	H 32
H 40	H 40
H 45	H 45
H 50	H 50
H 60	H 60

SCHUH-FRÄSER FX
italfrese

W AOO S/S

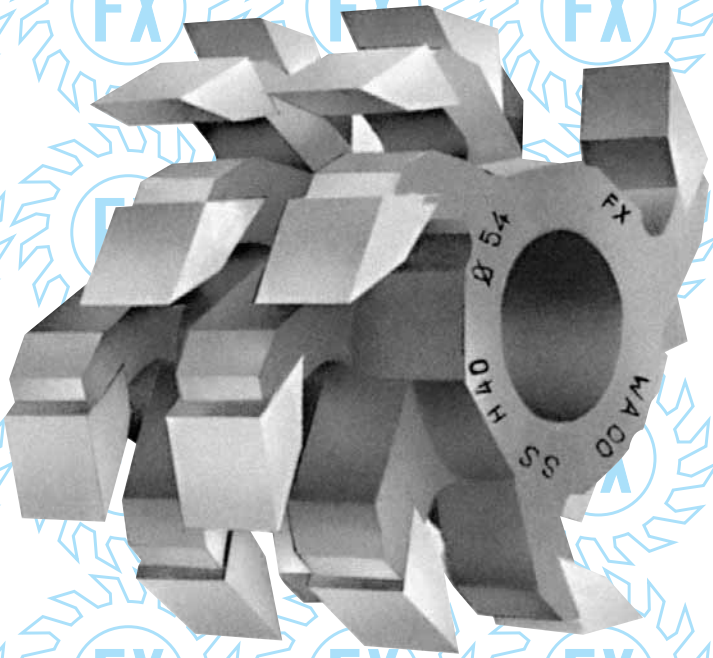
CARATTERISTICHE: Fresa per tacchi e suole, 9 denti, per la lavorazione di cuoio e materiali sintetici su fresatrici a mano o automatiche.

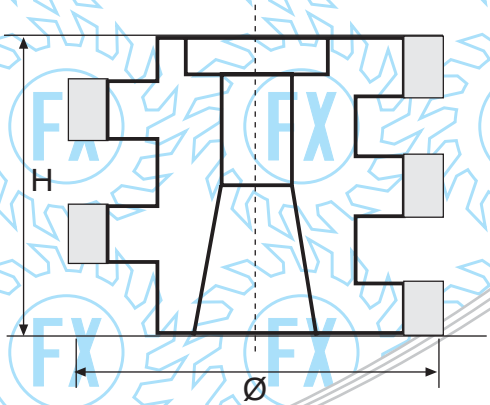
CARACTERISTIQUES: Fraise à talons et à semelles, 9 dents, pour le façonnage du cuir et du matières synthétiques sur fraiseuses manuelles ou automatiques.

CHARACTERISTICS: Cutter for heels and soles, 9 teeth, for working leather and synthetic material on hand-operated or automatic or milling machines.

EIGENSCHAFTEN: Fräser für Absätze und Sohlen, 9 Zähne, zur Bearbeitung von Leder und Kunststoffen auf Hand- oder automatischen Fräsmaschinen.

CARACTERISTICAS: Fresa para tacones y suelas, 9 dientes, para la elaboración de cuero y materiales sinteticos sobre fresadoras manuales o automáticas.





W AOO S/S Ø52 FORO CONICO 9Z	W AOO S/S Ø62 FORO CILINDRICO 19 9Z
H 32	H 32
H 40	H 40
H 45	H 45
H 50	H 50
H 60	H 60

SCHUH-FRÄSER FX
italfrese

W AOO S/S 1 45°

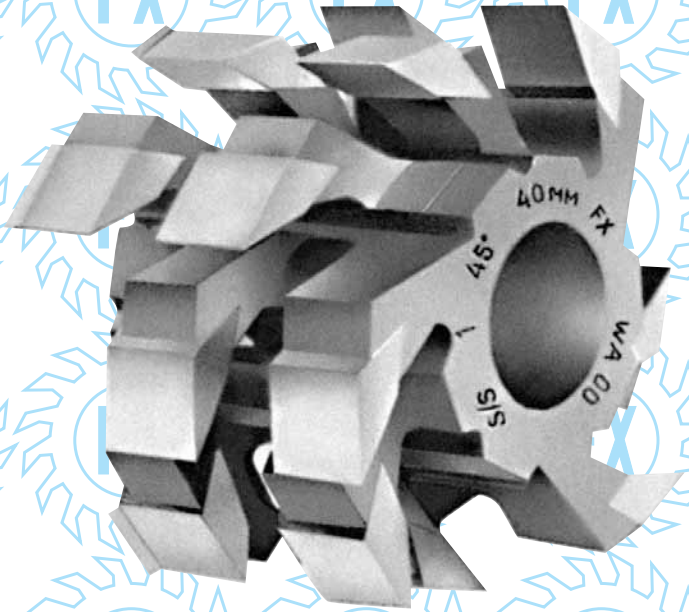
CARATTERISTICHE: Fresa per tacchi e suole, per la lavorazione di cuoio e materiali sintetici su fresatrici a mano o automatiche.

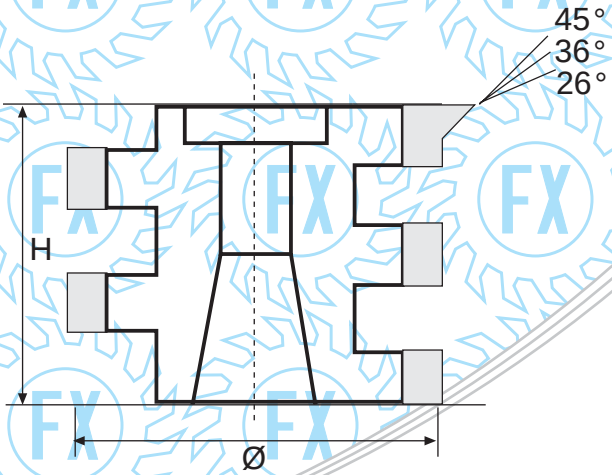
CARACTERISTIQUES: Fraise à talons et à semelles,pour le façonnage du cuir et du matières synthètiques sur fraiseuses manuelles ou automatiques.

CHARACTERISTICS: Cutter for heels and soles, for working leather and synthetic material on hand-operated or automatic milling machines.

EIGENSCHAFTEN: Fräser für Absätze und Sohlen, zur Bearbeitung von Leder und Kunststoffen auf Hand- oder automatischen Fräsmaschinen.

CARACTERISTICAS: Fresa para tacones y suelas, para la elaboración de cuero y materiales synteticos sobre fresadoras manuales o automáticas.

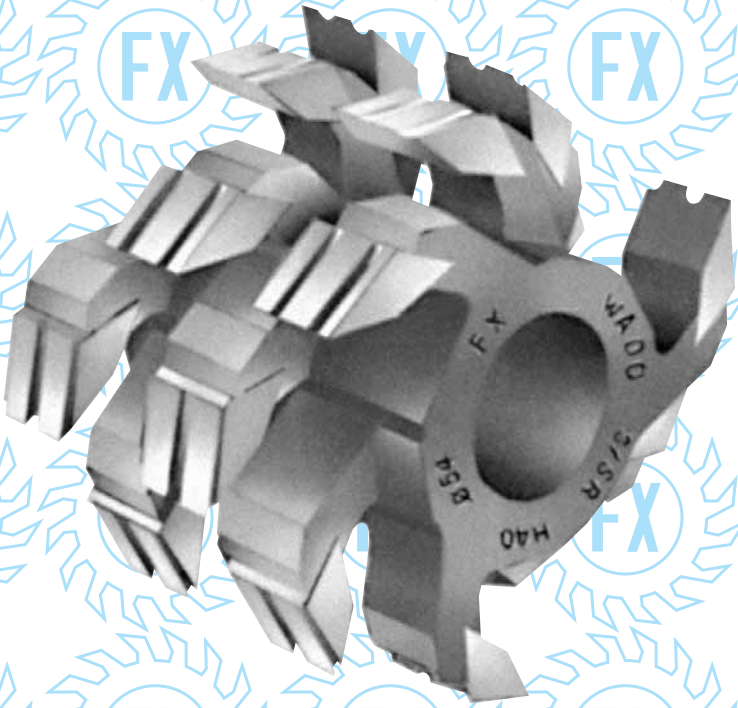


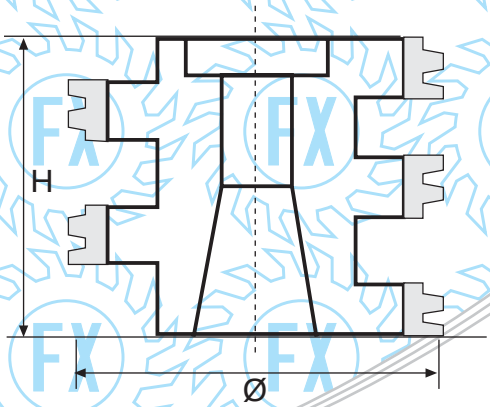


W AOO S/S 1 45° Ø52 FORO CONICO 9Z	W AOO S/S 1 45° Ø62 FORO CILINDRICO 19 9Z
H 32	H 32
H 40	H 40
H 45	H 45
H 50	H 50
H 60	H 60

SCHUH-FRÄSER FX
italfrese

W AOO S/SR





CARATTERISTICHE: Fresa per tacchi e suole, particolarmente indicata per la lavorazione di qualunque tipo di gomma su fresatrici a mano o automatiche.

CARACTERISTIQUES: Fraise à talons et à semelles, particulièrement indiquée pour le façonnage de n'importe quel type de caoutchouc sur fraiseuses manuelles ou automatiques.

CHARACTERISTICS: Cutter for heels and soles, especially suitable for working any kind of rubber on hand-operated or automatic milling machines.

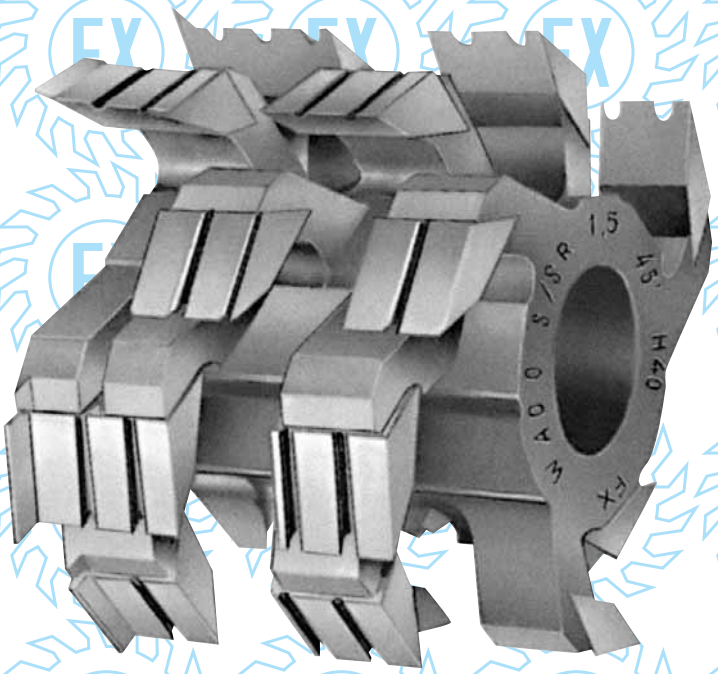
EIGENSCHAFTEN: Fräser für Absätze und Sohlen, speziell geeignet zur Bearbeitung jeder beliebigen Gummiart auf Hand- oder automatischen Fräsmaschinen.

CARACTERISTICAS: Fresa para tacones y suelas, particularmente indicada para la elaboración de cualquier tipo de caucho sobre fresadoras manuales o automáticas.

W AOO S/SR Ø52 FORO CONICO 9Z	W AOO S/SR Ø62 FORO CILINDRICO 19 9Z
H 32	H 32
H 40	H 40
H 45	H 45
H 50	H 50
H 60	H 60

SCHUH-FRÄSER FX
italfrese

W AOO S/SR 1 45°



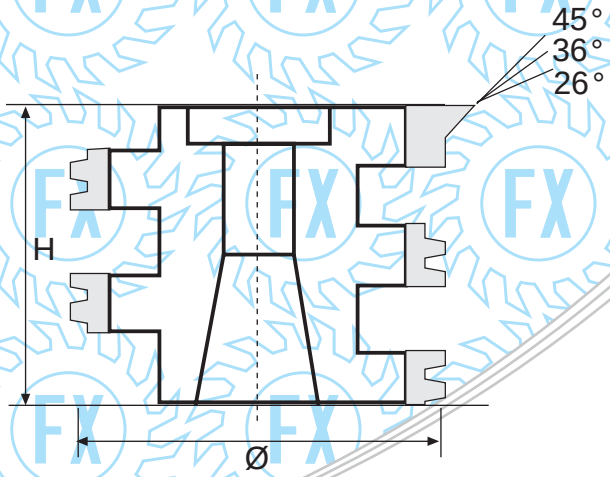
CARATTERISTICHE: Fresa per tacchi e suole, per la lavorazione di cuoio e materiali sintetici su fresatrici a mano o automatiche.

CARACTERISTIQUES: Fraise à talons et à semelles,pour le façonnage du cuir et du matières synthètiques sur fraiseuses manuelles ou automatiques.

CHARACTERISTICS: Cutter for heels and soles, for working leather and synthetic material on hand-operated or automatic milling machines.

EIGENSCHAFTEN: Fräser für Absätze und Sohlen, zur Bearbeitung von Leder und Kunststoffen auf Hand- oder automatischen Fräsmaschinen.

CARACTERISTICAS: Fresa para tacones y suelas, para la elaboración de cuero y materiales synteticos sobre fresadoras manuales o automáticas.



W AOO S/SR 1 45° Ø52 FORO CONICO 9Z	W AOO S/SR 1 45° Ø62 FORO CILINDRICO 19 9Z
H 32	H 32
H 40	H 40
H 45	H 45
H 50	H 50
H 60	H 60

SCHUH-FRÄSER FX
italfrese

WAOO SLI

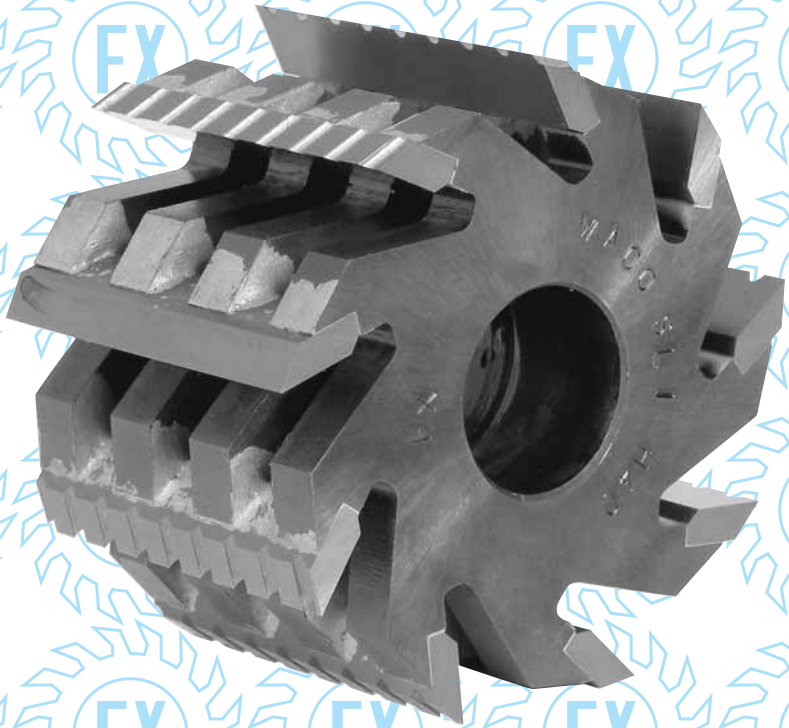
CARATTERISTICHE: Fresa per tacchi e suole, 9 denti, per la lavorazione di microporosa e materiali sintetici su fresatrici a mano o automatiche.

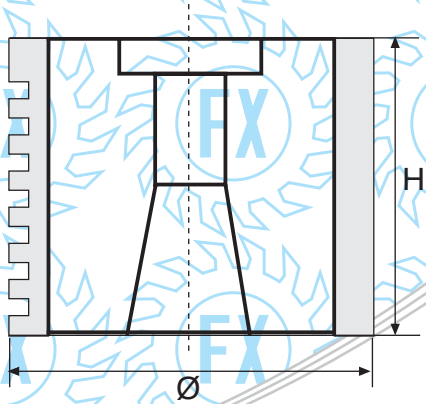
CARACTERISTIQUES: Fraise à talons et à semelles, 9 dents, pour le façonnage du microporosa et du matières synthétiques sur fraiseuses manuelles ou automatiques.

CHARACTERISTICS: Cutter for heels and soles, 9 teeth, for working microlight and synthetic material on hand-operated or automatic milling machines.

EIGENSCHAFTEN: Fräser für Absätze und Sohlen, 9 Zähne, zur Bearbeitung von Micro und Kunststoffen auf Hand- oder automatischen Fräsmaschinen.

CARACTERISTICAS: Fresa para tacones y suelas, 9 dientes, para la elaboración de micro y materiales sinteticos sobre fresadoras manuales o automáticas.

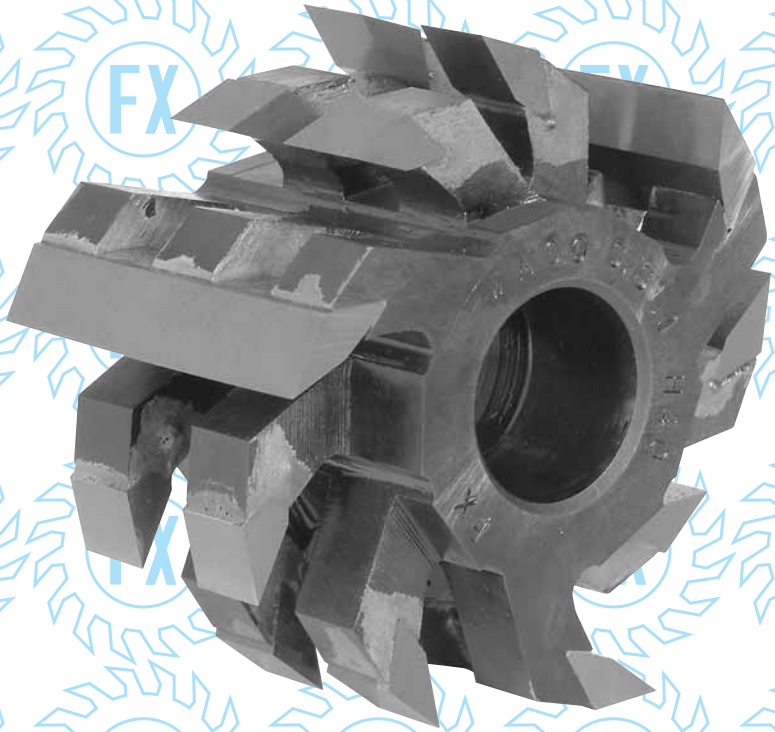




WAOO SLI Ø52 FORO CONICO	WAOO SLI Ø62 FORO CILINDRICO 19
H 10	H 10
H 15	H 15
H 20	H 20
H 25	H 25
H 32	H 32
H 40	H 40
H 45	H 45
H 50	H 50
H 60	H 60

SCHUH-FRÄSER FX
italfrese

W AOO S/SLI



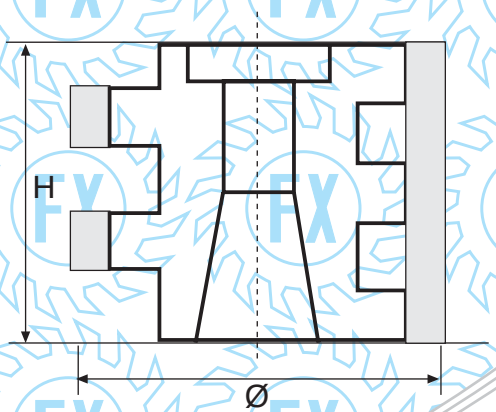
CARATTERISTICHE: Fresa per tacchi e suole, particolarmente indicata per la lavorazione di qualunque tipo di tunit su fresatrici a mano o automatiche.

CARACTERISTIQUES: Fraise à talons et à semelles, particulièrement indiquée pour le façonnage de n'importe quel type de tunit sur fraiseuses manuelles ou automatiques.

CHARACTERISTICS: Cutter for heels and soles, especially suitable for working any kind of tunit on hand-operated or automatic milling machines.

EIGENSCHAFTEN: Fräser für Absätze und Sohlen, speziell geeignet zur Bearbeitung jeder beliebigen Tunit auf Hand- oder automatischen Fräsmaschinen.

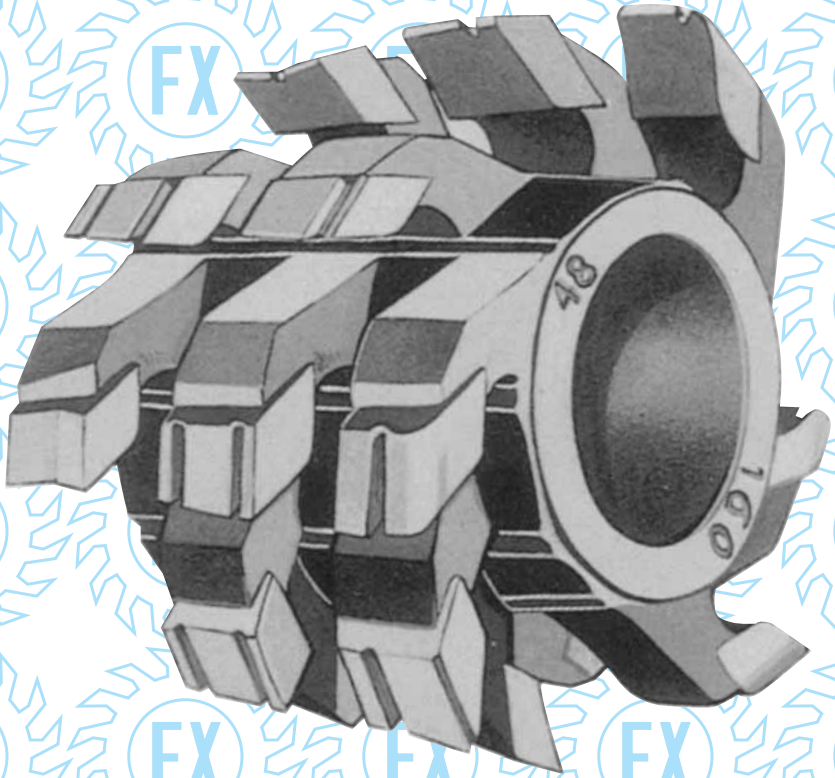
CARACTERISTICAS: Fresa para tacones y suelas, particularmente indicada para la elaboración de cualquier tipo de tunit sobre fresadoras manuales o automáticas.



W AOO S/SLI Ø52 FORO CONICO 9Z	W AOO S/SLI Ø62 FORO CILINDRICO 19 9Z
H 32	H 32
H 40	H 40
H 45	H 45
H 50	H 50
H 60	H 60

SCHUH-FRÄSER FX
italfrese

W AOO SVT



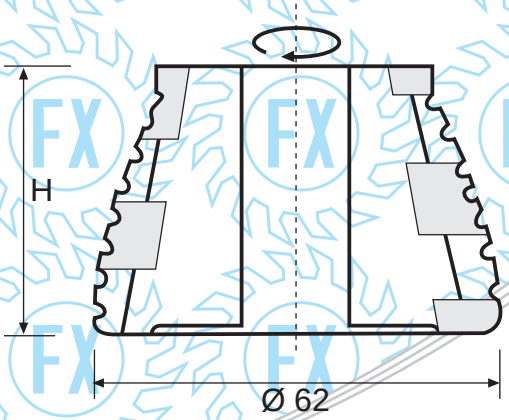
CARATTERISTICHE: Fresa per svuotare la parte superiore dei tacchi.
UTILIZZAZIONE: legno, cuoio, masonite.

CARACTERISTIQUES: Fraise pour évaser le dessues des talons.
UTILISATION: bois, cuir, ledorex.

CHARACTERISTICS: Cutter to hollow the top of heels.
UTILIZATION: wood, leather, ledorex.

EIGENSCHAFTEN: Fräser zum Aushöhlen der Oberfläche der Absätze.
VERWENDUNG: Holz, Leder, Masonite.

CARACTERISTICAS: Fresa para escavar sobre el tacon.
UTILIZACION: madera, cuero, masonite.



W AOO SVT
R 80
R 100
R 120
R 140
R 160
R 180
R 200
R 220
R 240
R 260

H variabile

***per cuoio W A00 SVT W8**

SCHUH-FRÄSER FX italfrese

W SVT

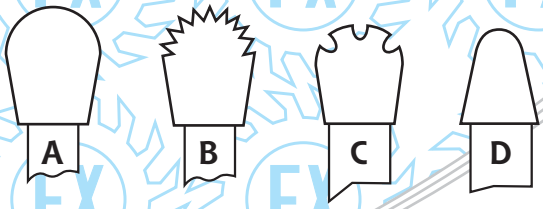
CARATTERISTICHE: Fresa per svuotare la parte superiore dei tacchi.
UTILIZZAZIONE: legno, cuoio, masonite.

CARACTERISTIQUES: Fraise pou évaser le dessues des talons.
UTILISATION: bois, cuir, ledorex.

CHARACTERISTICS: Cutter to hollow the top of heels.
UTILIZATION: wood, leather, ledorex (hardboard).

EIGENSCHAFTEN: Fräser zum Aushöhlen der Oberfläche der Absätze.
VERWENDUNG: Holz, Leder, Masonite.

CARACTERISTICAS: Fresa para escavar sobre el tacon.
UTILIZACION: madera, cuero, conglomerado de madera.



W SVT
Ø 80
Ø 100
Ø 120
Ø160
Ø 180
Ø 200
Ø 220
Ø 240
Ø 260

SCHUH-FRÄSER FX
italfrese

W TZ/M

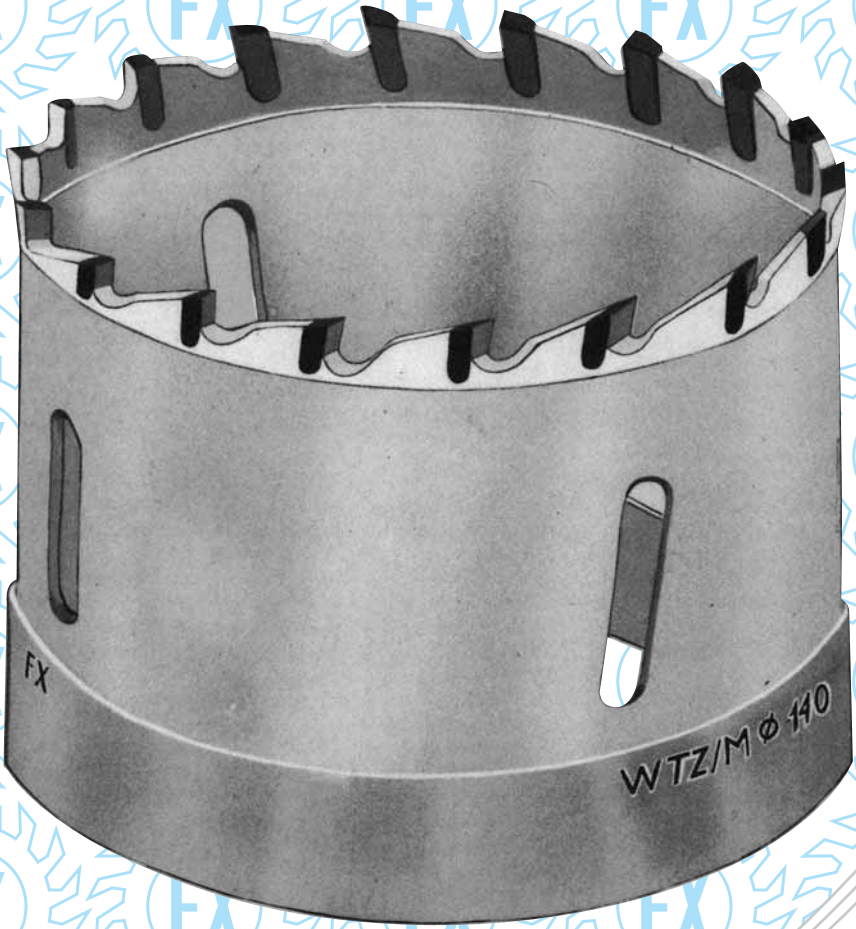
CARATTERISTICHE: Fresa per fresare la parte anteriore dei tacchi.
UTILIZZAZIONE: legno,masonite.

CARACTERISTIQUES: Fraise pour fraiser la partie avant des talons.
UTILISATION: bois, ledorex.

CHARACTERISTICS: Cutter fot cutting the front part of heels.
UTILIZATION: wood, ledorex.

EIGENSCHAFTEN: Fräser zum Bearbeitung der Vorderseite der Absätze.
VERWENDUNG:Holz, Masonite.

CARACTERISTICAS: Fresa para fresar la parte delante el tacon.
UTILIZACION: madera, masonite.



W TZ/M Ø 140
PKD TZ Ø 140

SCHUH-FRÄSER FX
italfrese

WAOO S/SM

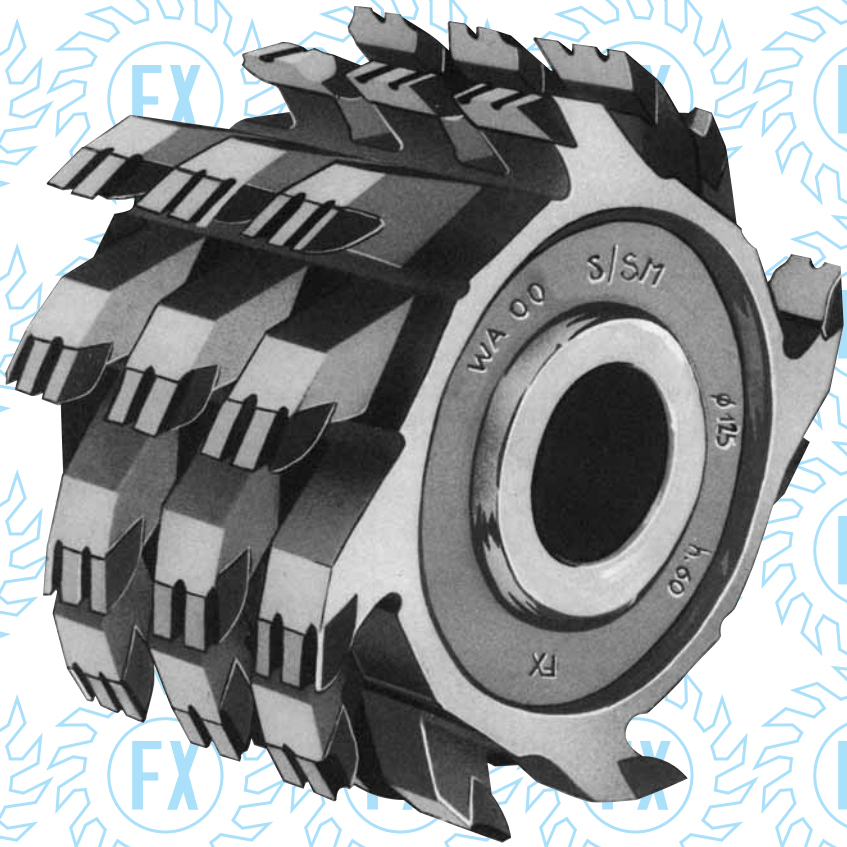
CARATTERISTICHE: Fresa per tacchi.
UTILIZZAZIONE: masonite.

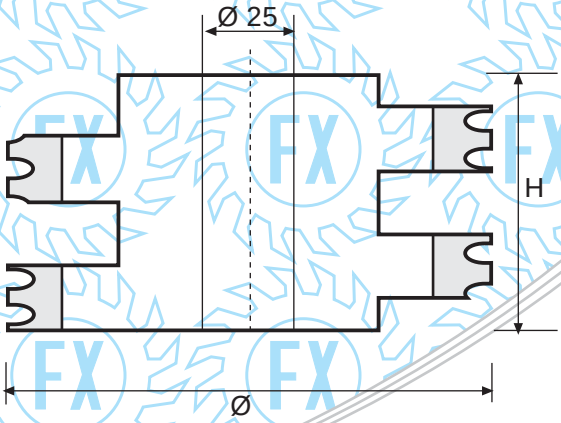
CARACTERISTIQUES: Fraise pour talons.
UTILISATION: ledorex.

CHARACTERISTICS: Cutter for heels.
UTILIZATION: ledorex.

EIGENSCHAFTEN: Fräser für Absätze.
VERWENDUNG: Masonite.

CARACTERISTICAS: Fresa para tacones.
UTILIZACION: masonite.





WAOO S/SM Ø 80-90-100-125
H variabile

SCHUH-FRÄSER FX
italfrese

WAOO S/S RL

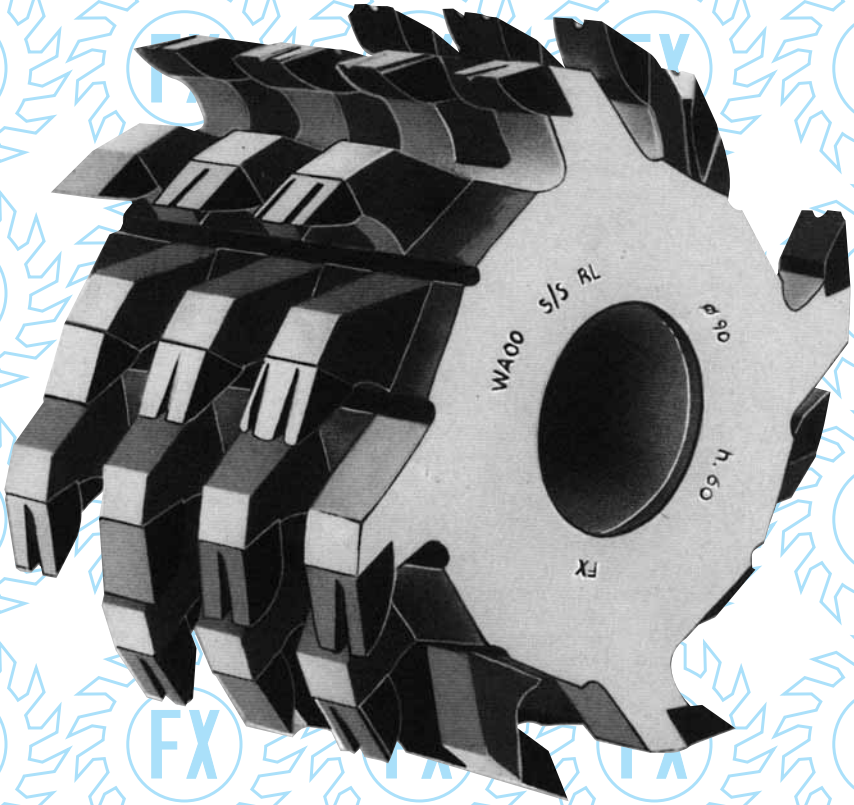
CARATTERISTICHE: Fresa per tacchi e suole.
UTILIZZAZIONE: para sintetica, gomma.

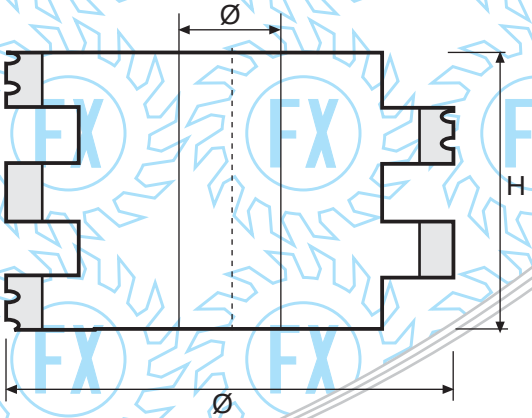
CARACTERISTIQUES: Fraise pour talons et semelles.
UTILISATION: crêpe synthétique, caoutchouc.

CHARACTERISTICS: Cutter for heels and soles.
UTILIZATION: synthetic crêpe, rubber.

EIGENSCHAFTEN: Fräser für Absätze und Sohlen.
VERWENDUNG: Kunstkrepp, Gummi.

CARACTERISTICAS: Fresa para tacones y suelas.
UTILIZACION: crêpe sintetico, caucho.





WAOO S/S RL Ø 80-90-100-125
H richiesta

SCHUH-FRÄSER FX
italfrese

WAOO C S/S CV

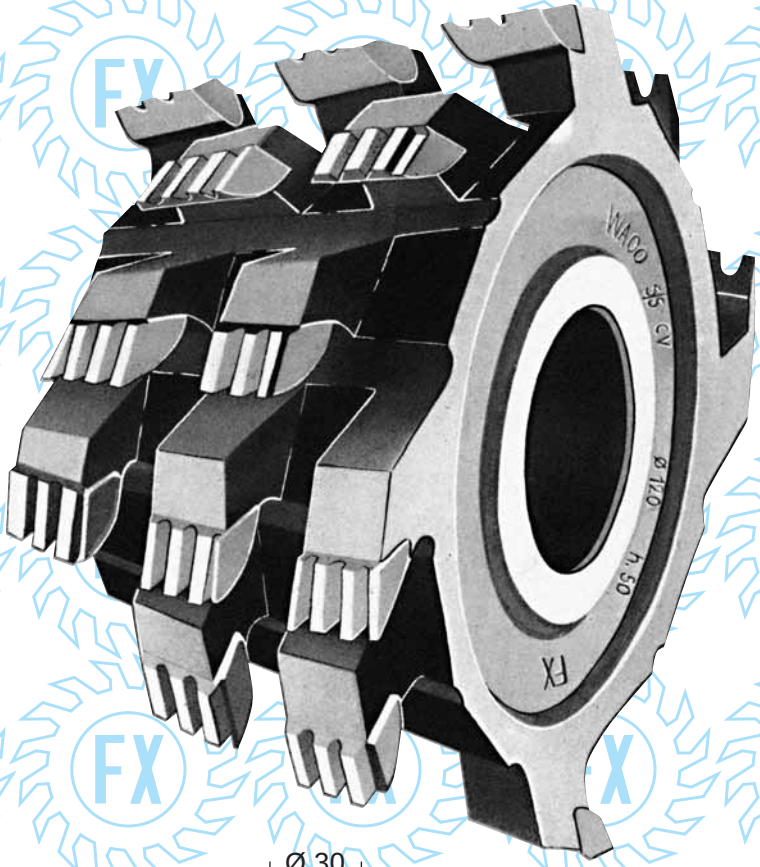
CARATTERISTICHE: Fresa conica per tacchi e suole.
UTILIZZAZIONE: legno.

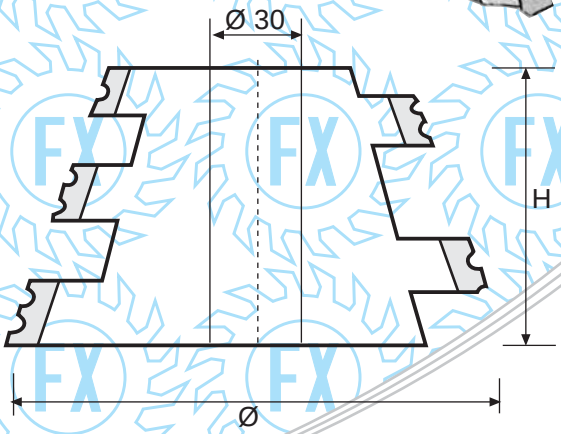
CARACTERISTIQUES: Fraise conique pour talons et semelles.
UTILISATION: bois.

CHARACTERISTICS: Conical cutter for heels and soles.
UTILIZATION: wood.

EIGENSCHAFTEN: Konischer Fräser für Absätze und Sohlen.
VERWENDUNG: Holz.

CARACTERISTICAS: Fresa conica para tacones y suelas.
UTILIZACION: madera.





WAOO C S/S CV Ø 100-120-130
H variabile

SCHUH-FRÄSER FX
italfrese

WAOO S CB

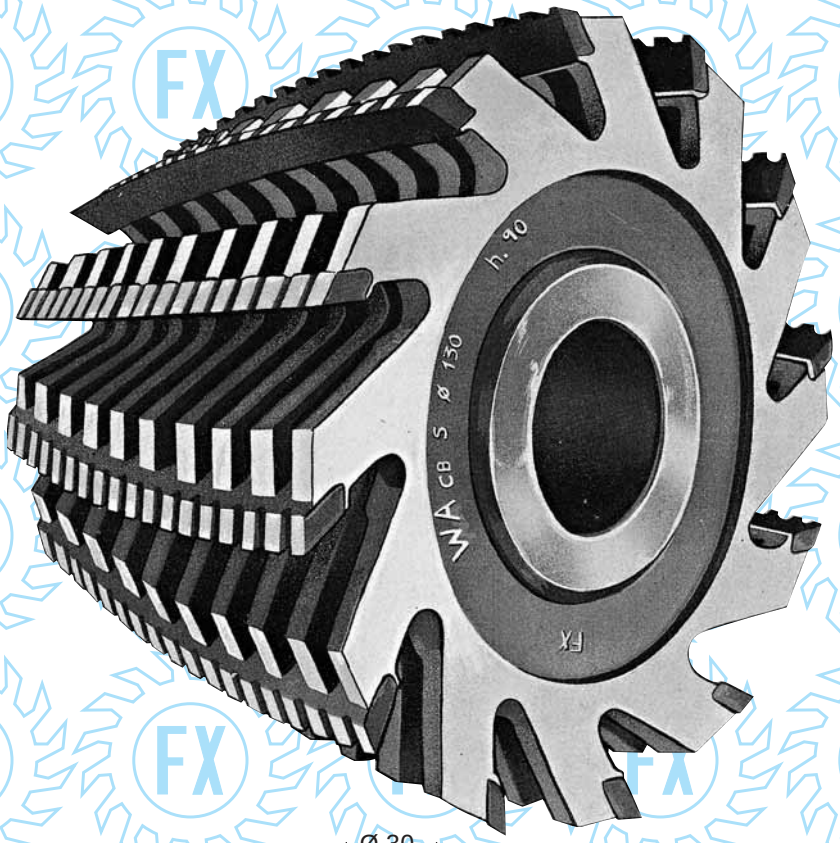
CARATTERISTICHE: Fresa per tacchi e suole.
UTILIZZAZIONE: sughero naturale o agglomerato.

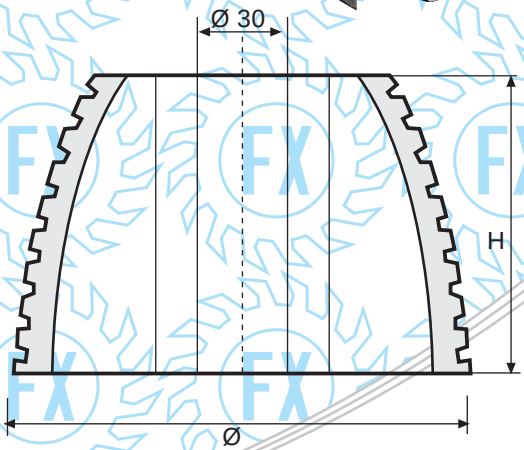
CARACTERISTIQUES: Fraise pour talons et semelles.
UTILISATION: liège naturel ou aggloméré.

CHARACTERISTICS: Cutter for heels and soles.
UTILIZATION: natural or agglomerated cork.

EIGENSCHAFTEN: Fräser für Absätze und Sohlen.
VERWENDUNG: Gepresster oder Naturkork.

CARACTERISTICAS: Fresa para tacones y suelas.
UTILIZACION: corcho natural o aglomerado.





WAOO S CB Ø 100-120-130
H richiesta

SCHUH-FRÄSER FX
italfrese

WAOO CB S/S C

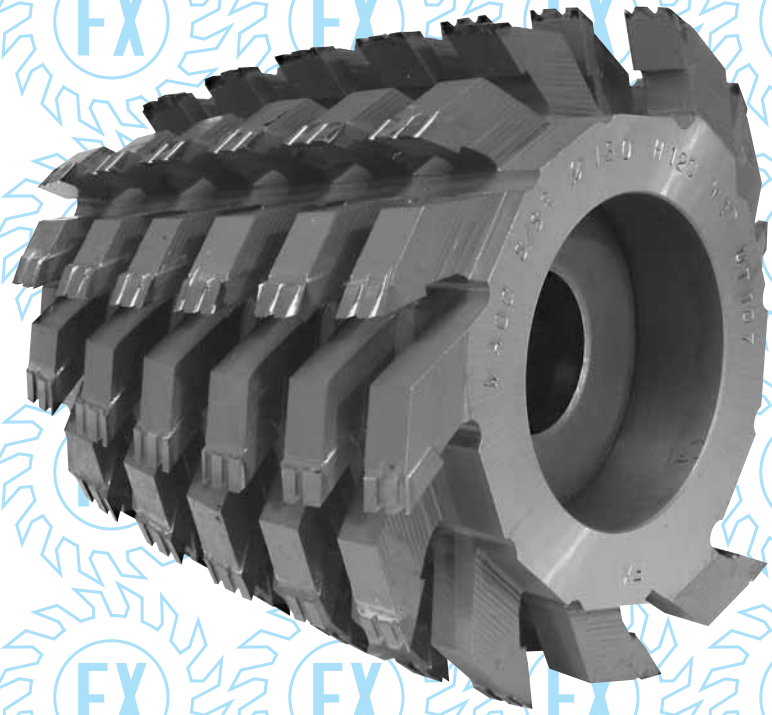
CARATTERISTICHE: Fresa conica per tacchi e suole.
UTILIZZAZIONE: legno.

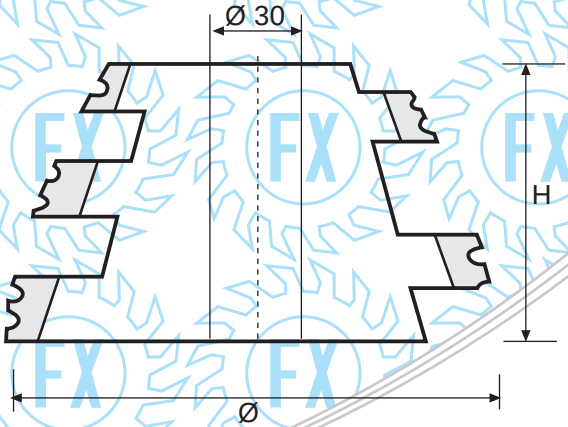
CARACTERISTIQUES: Fraise conique pour talons et semelles.
UTILISATION: bois.

CHARACTERISTICS: Conical cutter for heels and soles.
UTILIZATION: wood.

EIGENSCHAFTEN: Konischer Fräser für Absätze und Sohlen.
VERWENDUNG: Holz.

CARACTERISTICAS: Fresa conica para tacones y suelas.
UTILIZACION: madera.





WAOO CB S/S C Ø 100-120-130
H variabile

SCHUH-FRÄSER FX
italfrese

WAOO 122 S/S

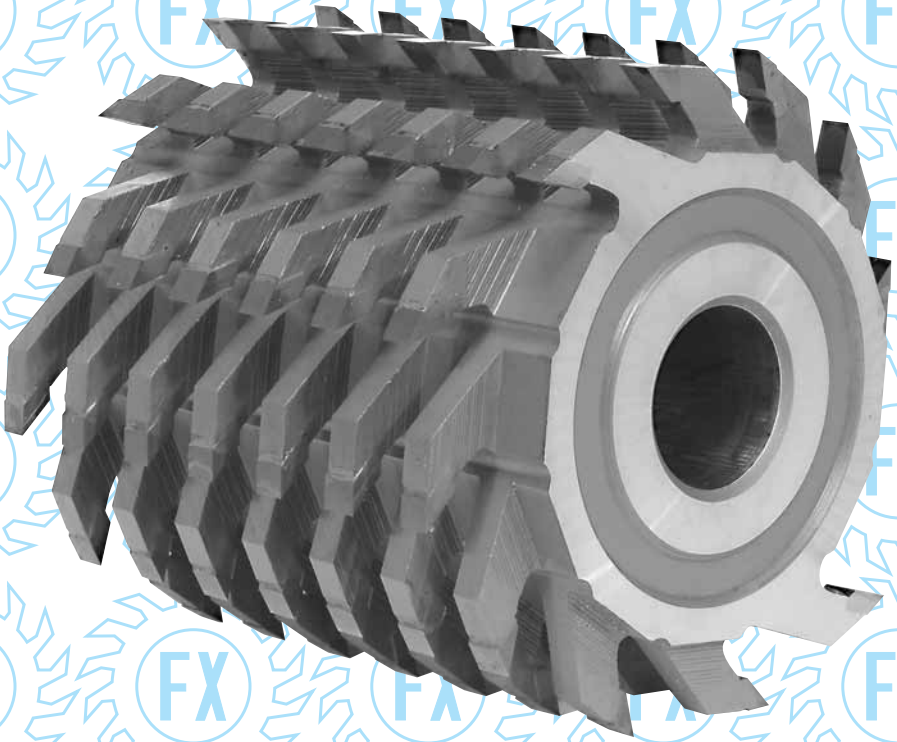
CARATTERISTICHE: Fresa per tacchi e suole.
UTILIZZAZIONE: legno, gomma.

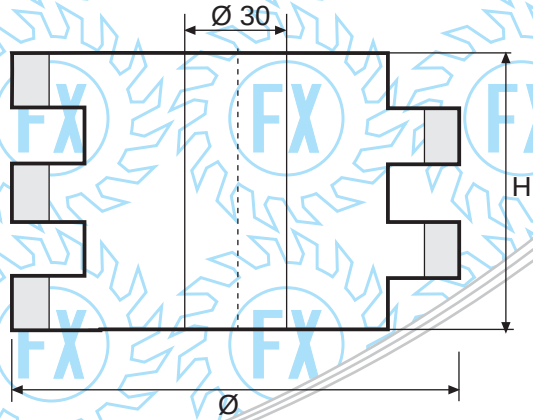
CARACTERISTIQUES: Fraise pour talons et semelles.
UTILISATION: bois, caoutchouc.

CHARACTERISTICS: Cutter for heels and soles.
UTILIZATION: wood, rubber.

EIGENSCHAFTEN: Fräser für Absätze und Sohlen.
VERWENDUNG: Holz, Gummi.

CARACTERISTICAS: Fresa para tacones y suelas.
UTILIZACION: madera, caucho.





WAOO 122 S/S Ø 80-90-100-125
H variabile

SCHUH-FRÄSER FX
italfrese

WAOO 122 S/S RL

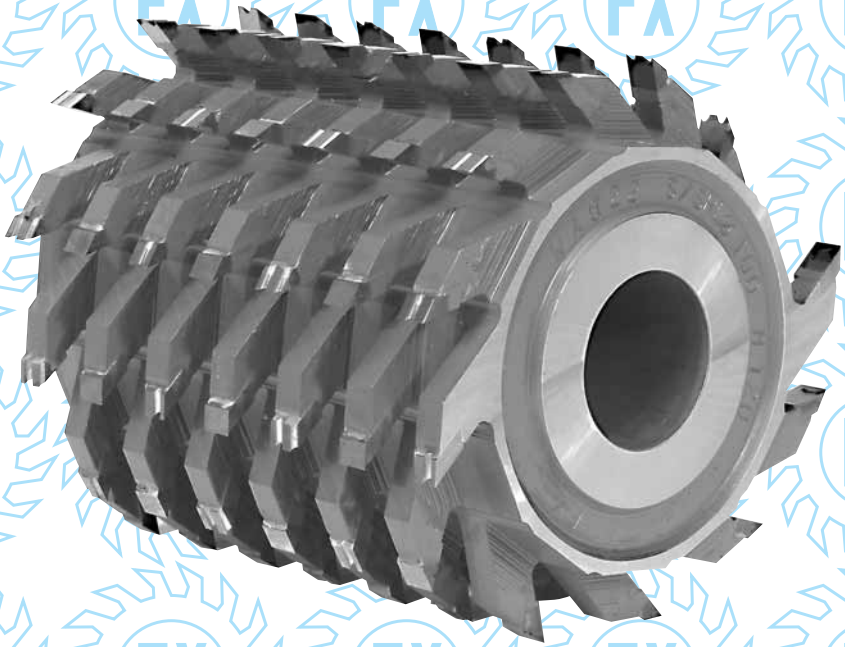
CARATTERISTICHE: Fresa per tacchi e suole.
UTILIZZAZIONE: legno, gomma.

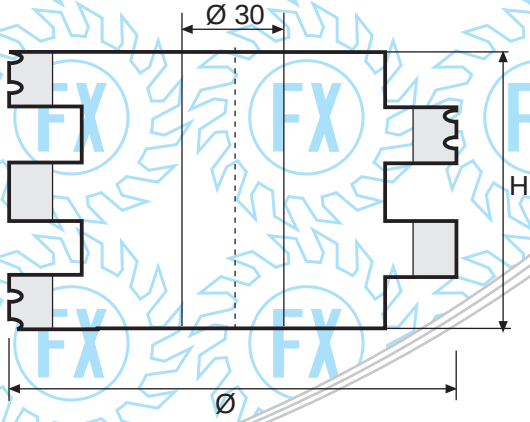
CARACTERISTIQUES: Fraise pour talons et semelles.
UTILISATION: bois, caoutchouc.

CHARACTERISTICS: Cutter for heels and soles.
UTILIZATION: wood, rubber.

EIGENSCHAFTEN: Fräser für Absätze und Sohlen.
VERWENDUNG: Holz, Gummi.

CARACTERISTICAS: Fresa para tacones y suelas.
UTILIZACION: madera, gaucho.





WAOO 122 S/S RL Ø 80-90-100-125
H variabile

SCHUH-FRÄSER FX
italfrese

WAOO FIL

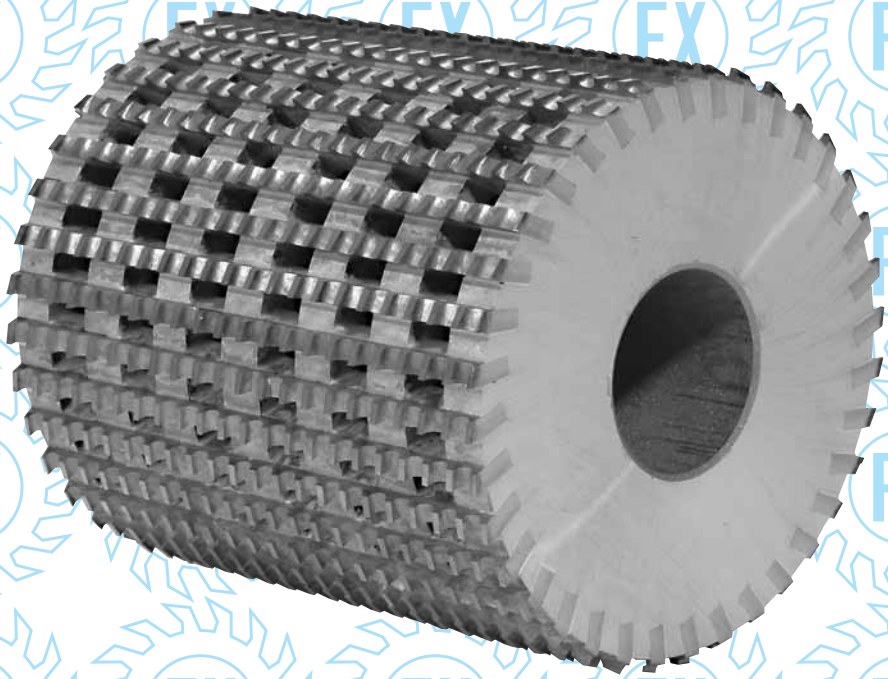
CARATTERISTICHE: Fresa per tacchi e suole.
UTILIZZAZIONE: microporosa, gomma.

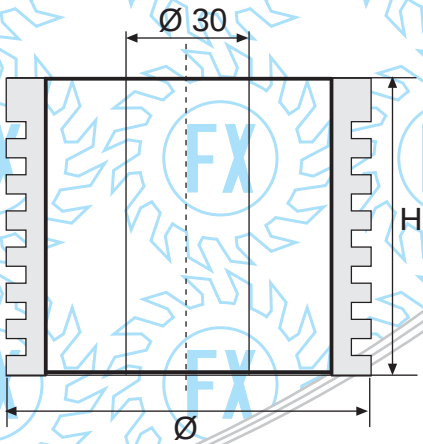
CARACTERISTIQUES: Fraise pour talons et semelles.
UTILISATION: micro, caoutchouc.

CHARACTERISTICS: Cutter for heels and soles.
UTILIZATION: microligts, rubber.

EIGENSCHAFTEN: Fräser für Absätze und Sohlen.
VERWENDUNG: Micro, Gummi.

CARACTERISTICAS: Fresa para tacones y suelas.
UTILIZACION: micro, caucho.





WAOO FIL Ø 80-90-100-125
H richiesta

SCHUH-FRÄSER FX
italfrese

Fresa per cardatura

FRESA PER CARDATURA

CARATTERISTICHE: Fresa in carburo di tungsteno per la cardatura e spianatura delle tomaie dopo il montaggio su macchine manuali e CNC.

FRESA PARA CARDAR

CARACTERISTICAS: Fresa en carburo de tungsteno para cardar y nivelar las tomaias despues del montaje su maquinarias manuales y CNC.

CUTTER FOR CARDING

CHARACTERISTICS: Carbide of tungsten cutter for the carding and leveling of uppers after the assembling on manual machine or CNC machine.

Ø richiesto

H richiesta

SCHUH-FRÄSER FX

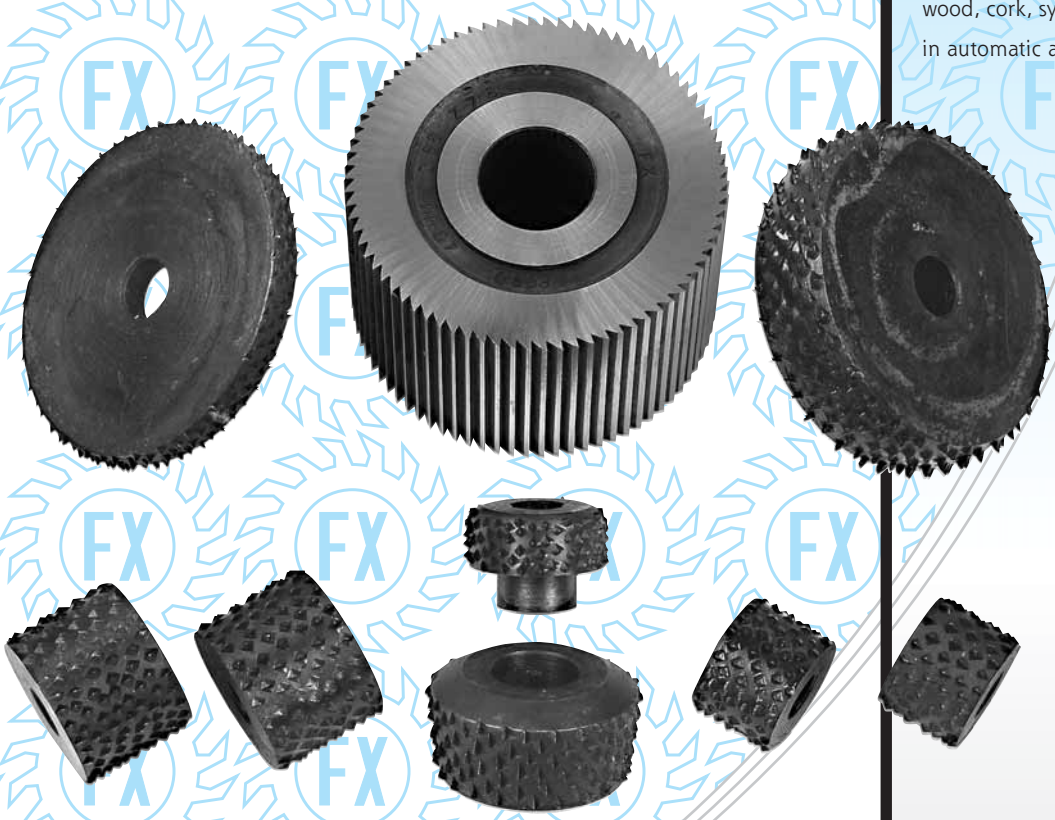
italfrese

Raspe e limini

CARATTERISTICHE: Frese in acciaio adatte alla fresatura di legno, sughero, materiali sintetici, sia in automatico che manuale.

CARACTERISTICAS: Fresas en acero adecuadas a la fresadura de madera, corcho, materiales sinteticos, sea en forma automatica que manual.

CHARACTERISTICS: Steel cutter suitable for wood, cork, synthetic materials milling both in automatic and manual system.



Raspe e limini in acciaio di qualsiasi forma e dimensione

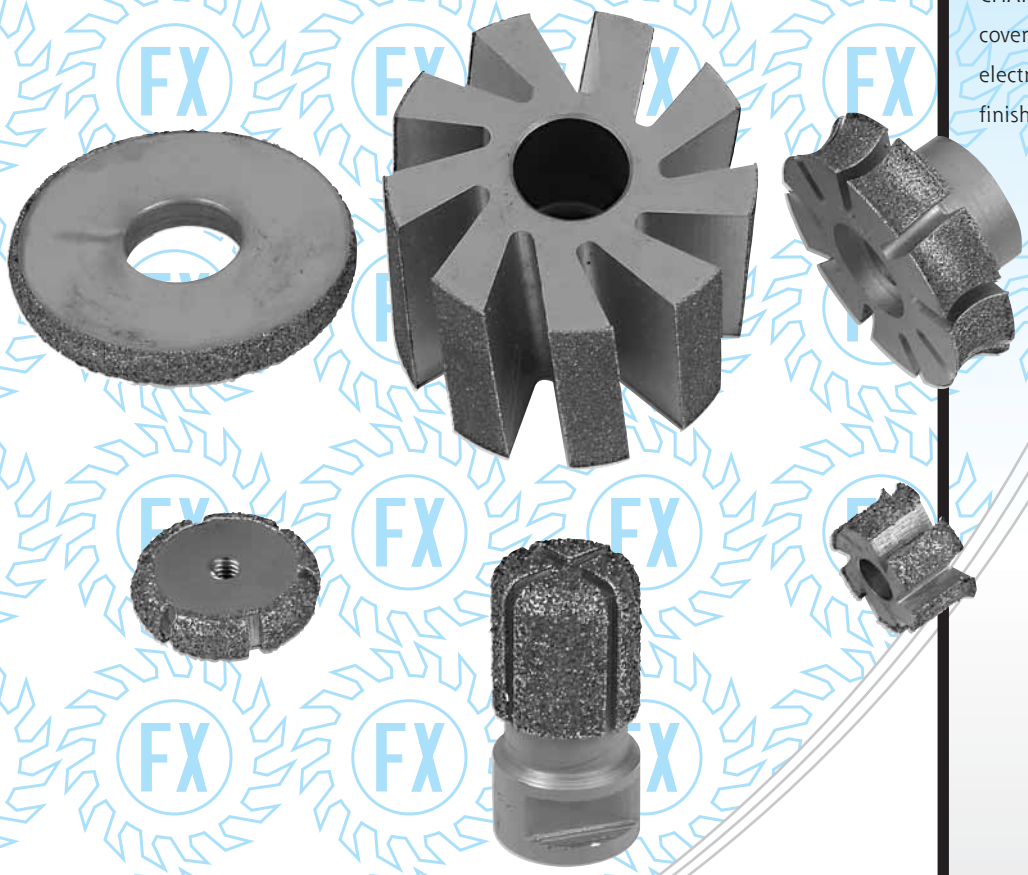
SCHUH-FRÄSER FX
italfrese

Utensili diamantati

CARATTERISTICHE: Frese e utensili vari rivestiti con diamante granulare elettrodepositato adatte alla fresatura e finitura di suole sintetiche.

CARACTERISTICAS: Fresas y cucillas surtidas con revestimento en diamante granular electrogalvanico indicata por fresar y dar el acabado a las suelas sinteticas.

CHARACTERISTICS: Cutters and tools various covered with granular diamond electrogalvanized suitable for milling and finishing of synthetic soles.



Utensili con elettrodeposizione di diamante nelle varie gradazioni di qualsiasi forma e dimensione.

SCHUH-FRÄSER FX
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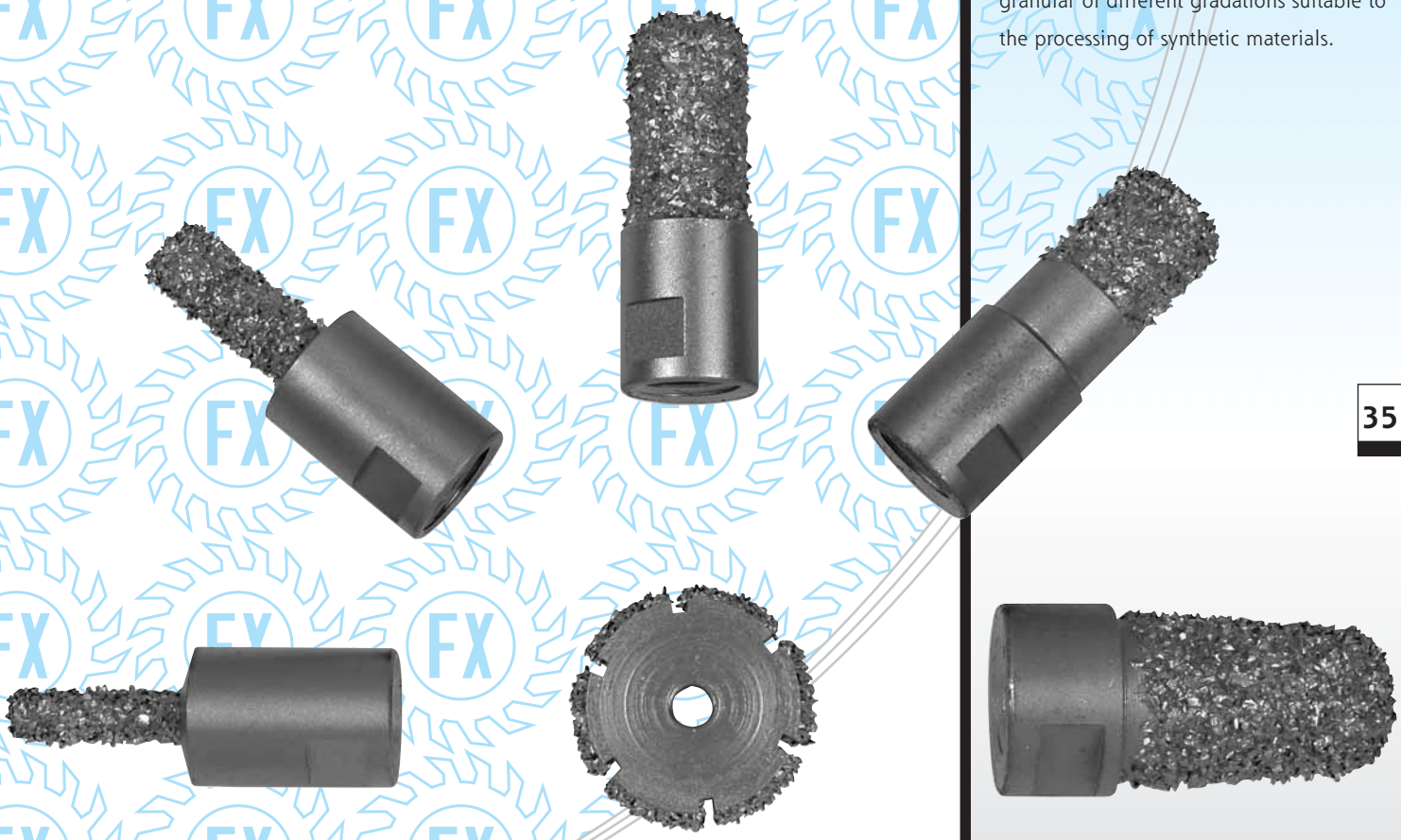
Frese e utensili con granulare

CARATTERISTICHE: Utensili di varie forme e dimensioni rivestite con carburo di tungsteno granulare di varie gradazioni adatte alla lavorazione di materiali sintetici.

CARACTERISTICAS: Cucillas con forma y medidas surtidas con revestimento en carburo de tungsteno granular de viarias gradaciones indicadas para trabajar materiales sinteticos.

CHARACTERISTICS: Tools of various shapes and sizes covered with carbide of tungsten granular of different gradations suitable to the processing of synthetic materials.



Frese e utensili con granulare di widia nelle varie granulometrie di qualsiasi forma e dimensione.

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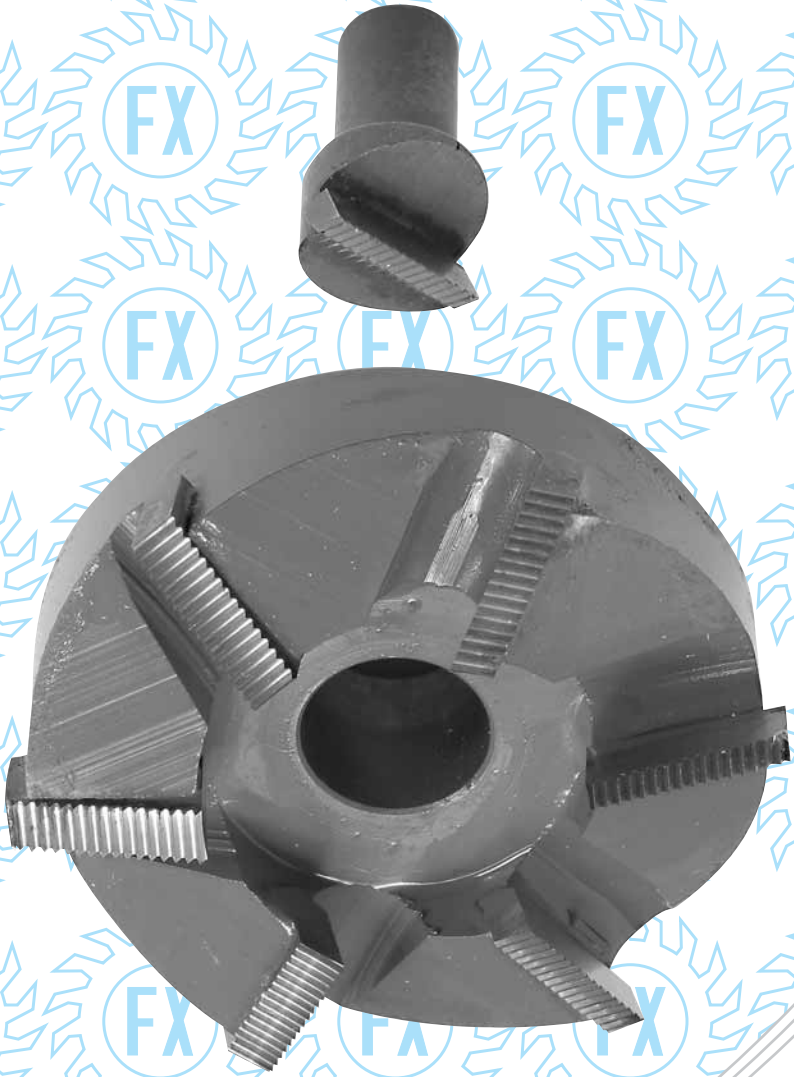
Fresa per lavorazione Jourdan

CARATTERISTICHE: Frese in carburo di tungsteno per realizzare il "JOURDAN" sulle suole su macchine manuali.

CARACTERISTICAS: Fresas en carburo de tungsteno para hacer el 'Jourdan' en las suelas su maquinarias manuales.

CHARACTERISTICS: Carbide of tungsten cutters to carry out the 'Jourdan' on the soles with manual machinery.

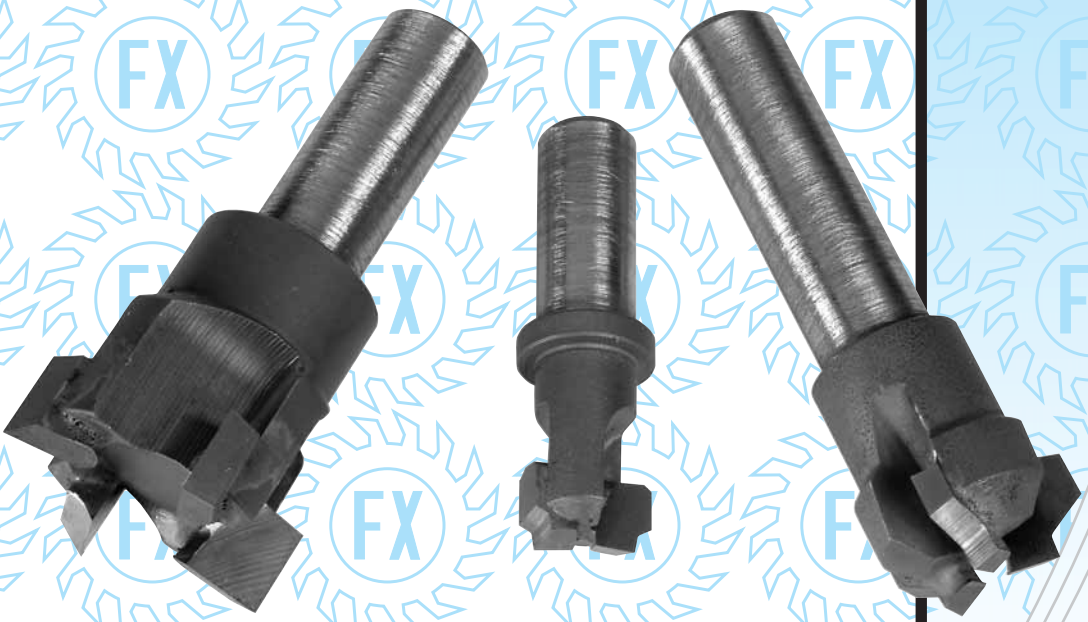


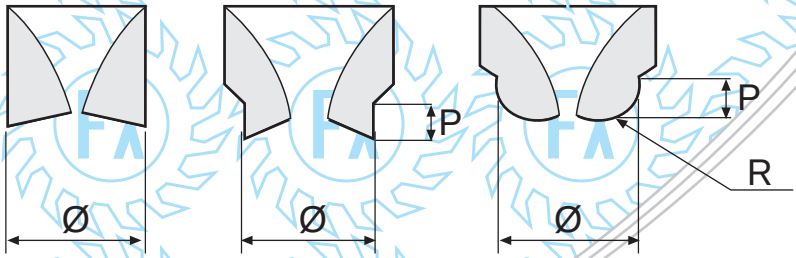
Standard Ø 60 x 6° - 8° - 10°

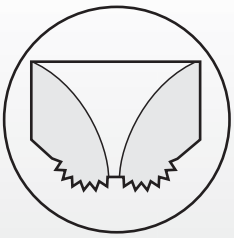
***eseguibile anche con placchetta liscia**

SCHUH-FRÄSER FX italfrese

Utensili in carburo di tungsteno saldobrasati per pantografi manuali e CNC







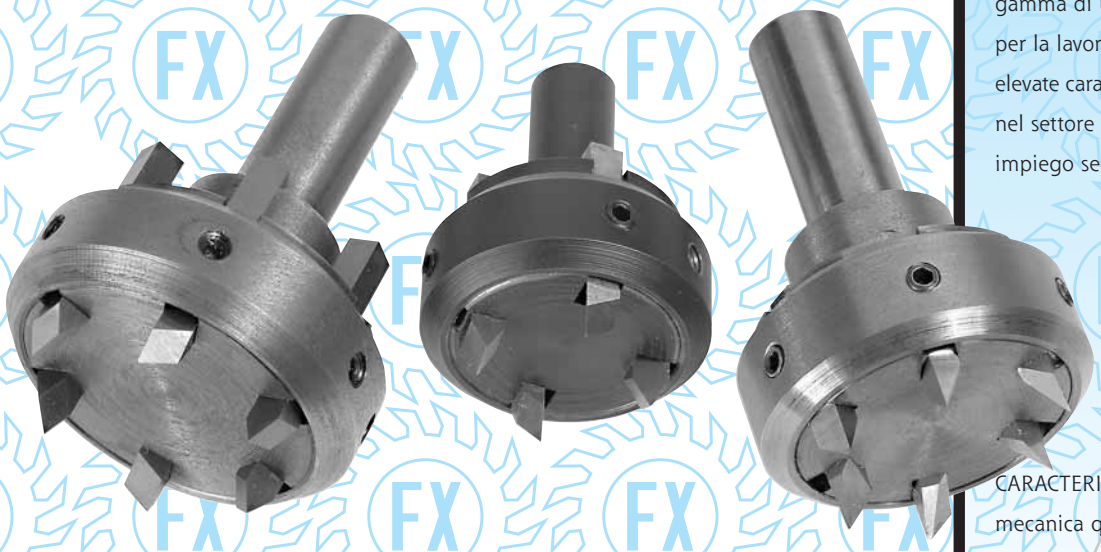
SU TUTTI I PROFILI É POSSIBILE LA REALIZZAZIONE DEL MILLERIGHE

ON ALL OUTLINES IS POSSIBLE THE REALIZATION TYPE "MILLERIGHE"

Utensili in carburo di tungsteno / PKD
saldobrasati eseguibili in qualsiasi diametro e profilo.

SCHUH-FRÄSER FX italfrese

Utensili a fissaggio meccanico per pantografi manuali e CNC.



CARATTERISTICHE: utensile a fissaggio meccanico realizzabile in carburo di tungsteno o PKD. Le geometrie di questo utensile collaudate fin dal 1993 con la nascita delle prime macchine CNC rientrano in una gamma di utensili appositamente studiati per la lavorazione di materiali compositi ad elevate caratteristiche tecniche, materiali che nel settore calzaturiero stanno avendo un impiego sempre più ampio.

CARACTERISTICAS: Cucillas a fijacion mecanica que puede ser hecha en carburo de tungsteno o PKD. La linea de esta cucilla tiene un respaldo desde el 1993 con la llegada de las primeras maquinarias CNC. Hacen parte de una serie de cucillas apositamente diseñadas para trabajar materiales compositos de elevadas caracteristicas tecnicas, materiales que en la industria de los zapatos tienen un uso siempre mas fuerte.

CHARACTERISTICS: Mechanical fixing tools workable in carbide of tungsten or PKD. The geometries of this tools tested since 1993 with the first CNC machine fall within a range of tools studied on pourpose for the processing of composities materials, to high technical characteristics.

Utensili a fissaggio meccanico dal diametro minimo 8 mm in carburo di tungsteno / PKD.

*Vedi pag. 46

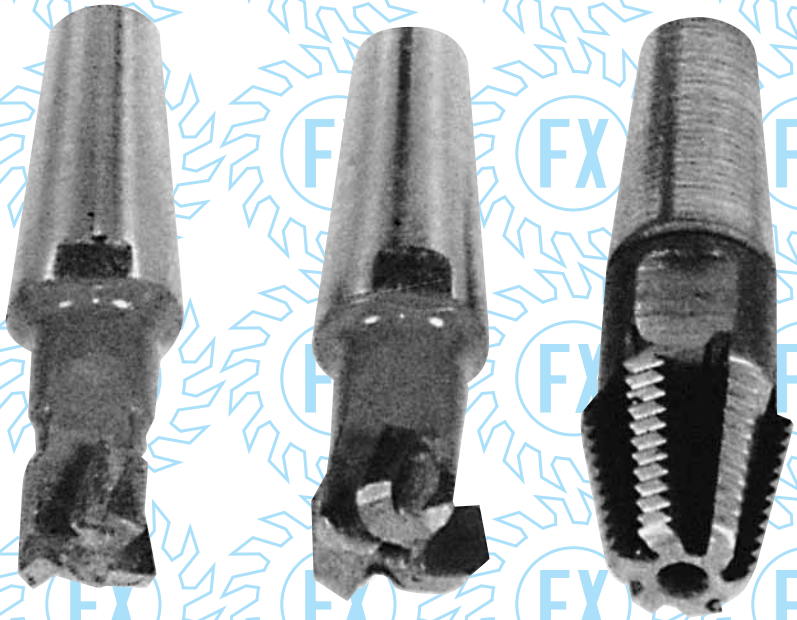
SCHUH-FRÄSER FX italfrese

Utensili per la scavatura interna delle suole

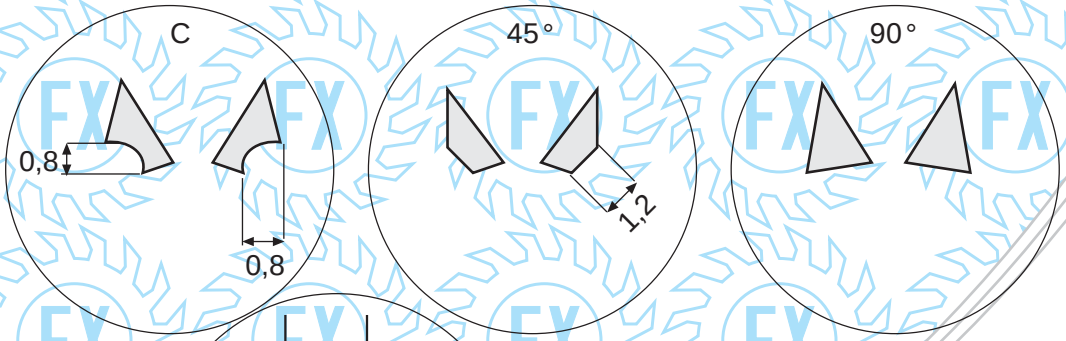
CARATTERISTICHE: utensili in carburo di tungsteno realizzati per scavare internamente le suole in cuoio e in materiale sintetico con macchine automatiche.

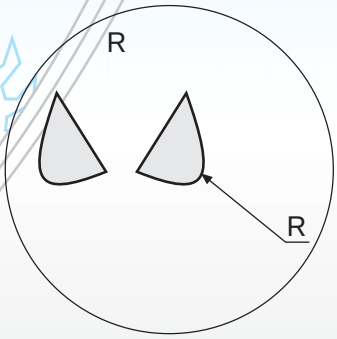
CARACTERISTICAS: Cucillas en carburo de tungsteno hechos para excavar internamente las suelas en cuero y en material sintetico con maquinarias automaticas.

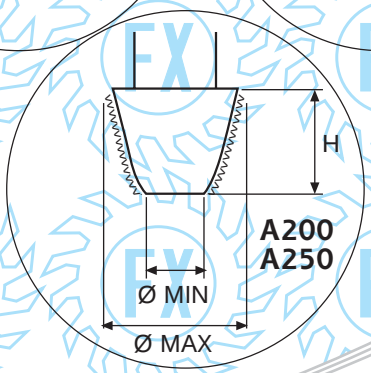
CHARACTERISTICS: Carbide of tungsten tools made to carve inside the leather soles and synthetic material with automatic machines.



A200
A250

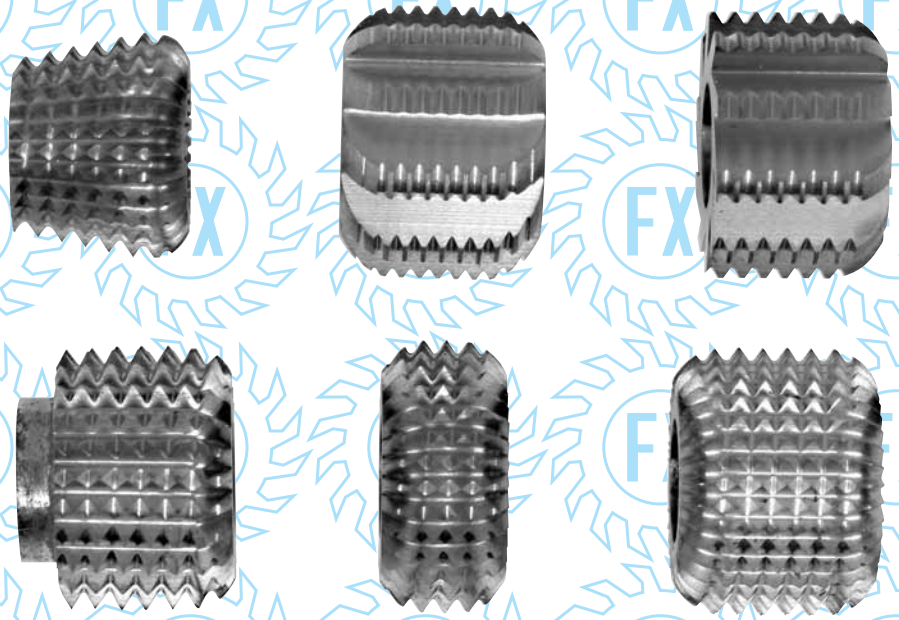






BZ	BZ
A100/150	**A200/250**
8 mm	Ø max a richiesta
10 mm	Ø min a richiesta
12 mm	H a richiesta
14 mm	
16 mm	
18 mm	
20 mm	

Utensili in carburo di tungsteno integrale in vari profili



CARATTERISTICHE: fresino "millepunte" in carburo di tungsteno integrale adatto alla cardatura di suole in gomma, materiali sintetici, cuoio.

CARACTERISTICAS: Pequena fresa "millepunte" en carburo de tungsteno integral indicada para cardar las suolas en goma, materiales sinteticos y cuero.

CHARACTERISTICS: "Fresino millepunte". Carbide of tungsten integral little cutter suitable carding of rubber sioles, synthetic materials and leather.

Utensili in carburo di tungsteno integrale millepunte per la lavorazione del cuoio, con 10 denti tunit e sintetici.

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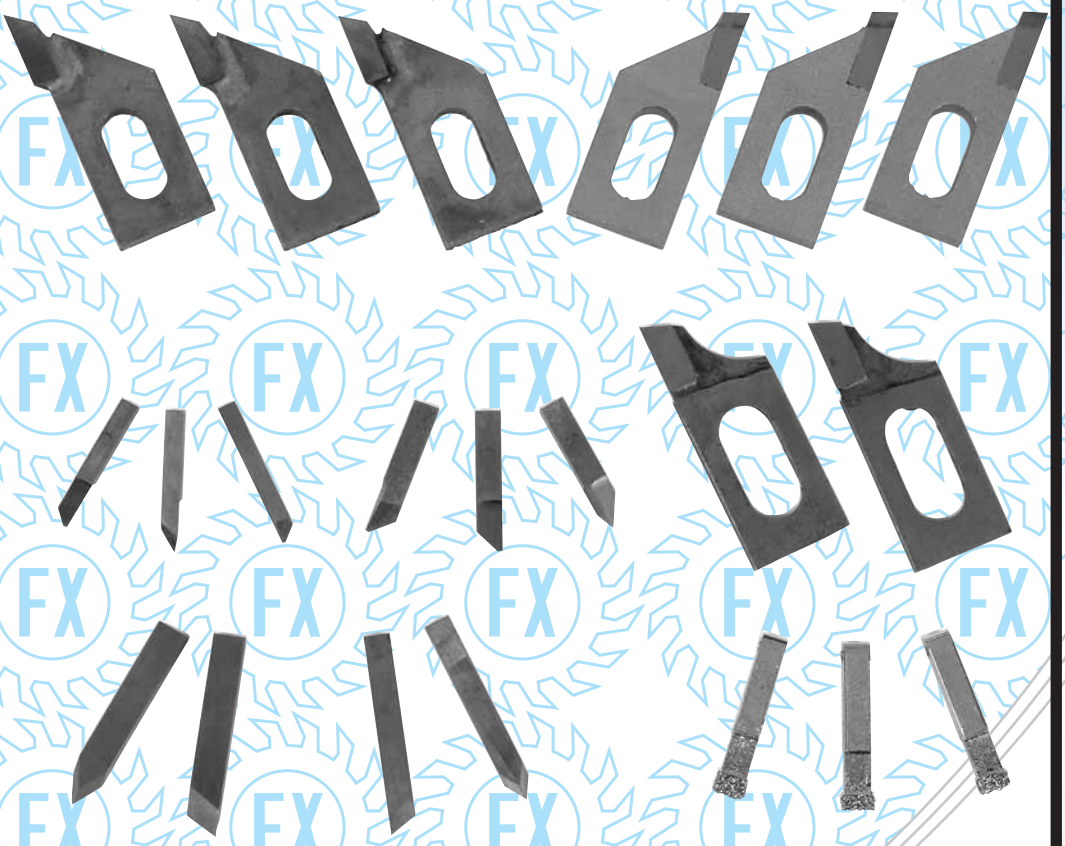
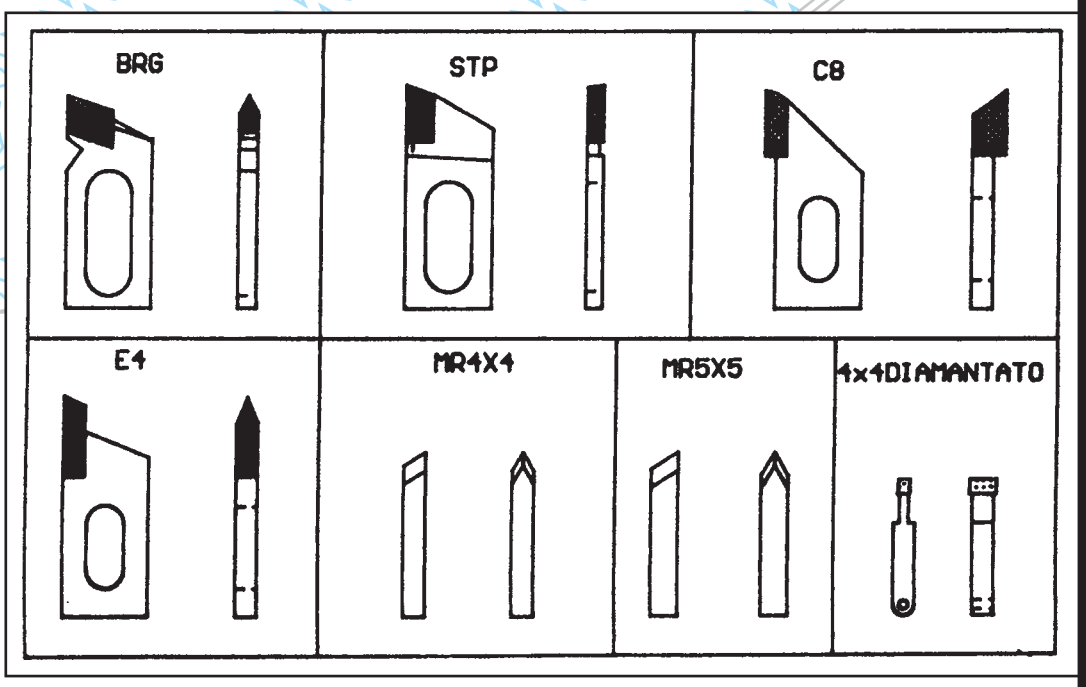
Utensili in carburo di tungsteno a fissaggio meccanico per l'industria della calzatura

CARATTERISTICHE: utensili a fissaggio meccanico utilizzati nelle apposite corone porta utensili impiegati nel settore. Possono essere realizzati in carburo di tungsteno diamante o granulare di diamante in base al materiale da lavorare e alle esigenze di lavorazione.

CARACTERISTICAS: Cucillas a fijacion mecanica da injertan en los adecuados alojamentos de las coronas porta cucillas utilizados nel campo de los zapatos. Pueden ser realizados en carburo de tungsteno, diamante o granular de diamante dependiendo del material que se va a trabajar o a las exigencia requerida.

CHARACTERISTICS: Mechanical fixing tools used in the proper holder tools crowns used in the shoes factory. They can be made in carbide of tungsten, diamond or granular of diamond according of the material to work.





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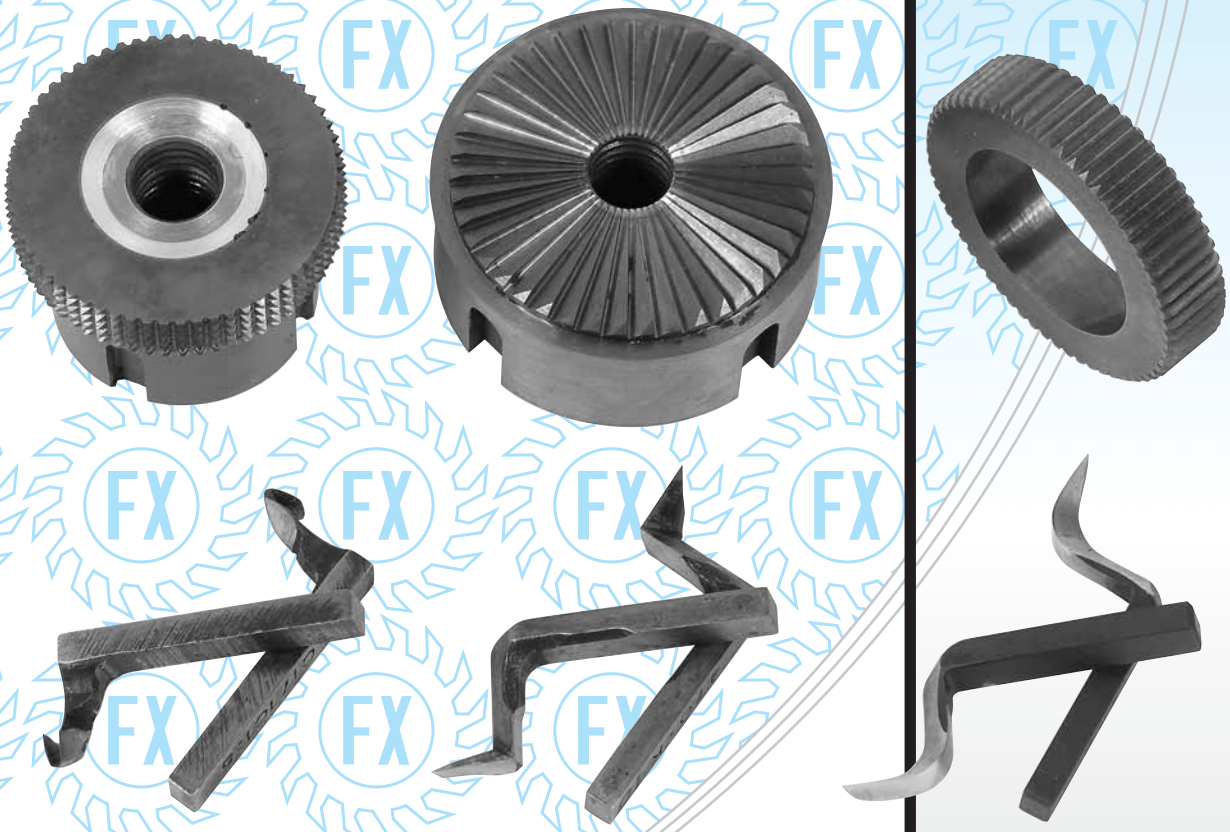
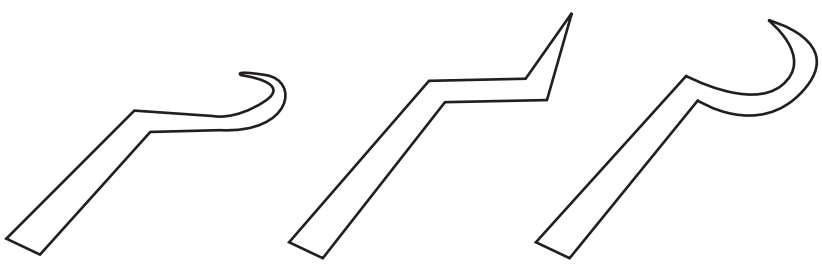
Gruppi trasportatori (trascinatori) in carburo di tungsteno per macchine increnatrici e marcatrici suole. E relativi coltellini in acciaio.





1,2 - 1,5 - 2

8 - 10 - 12 - 14

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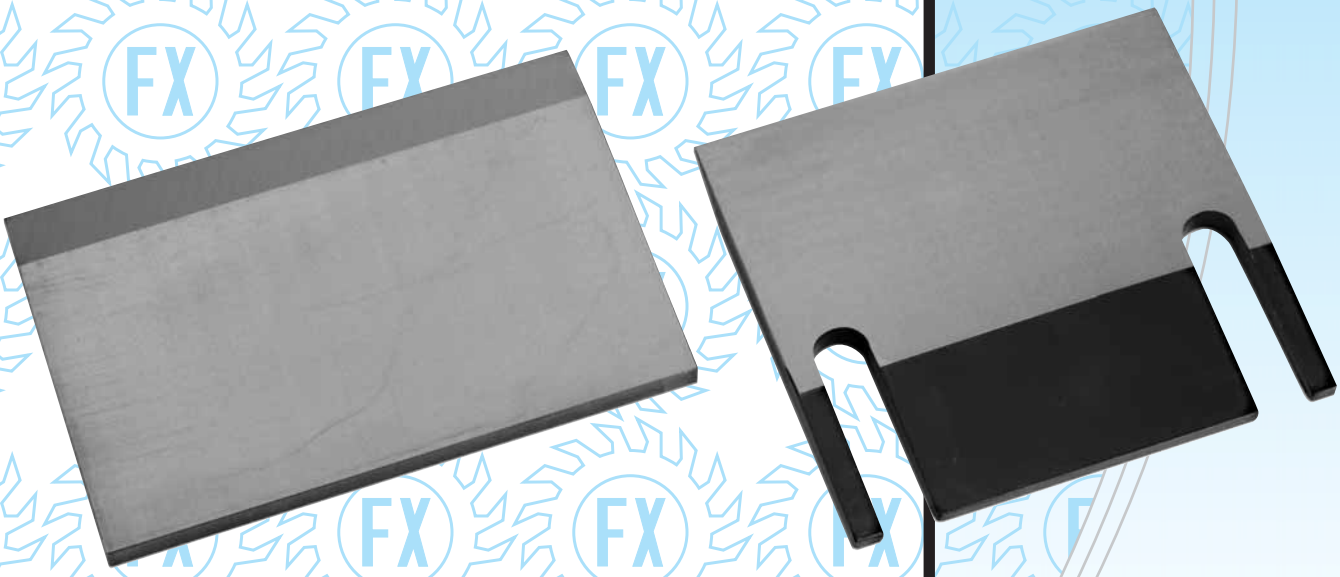
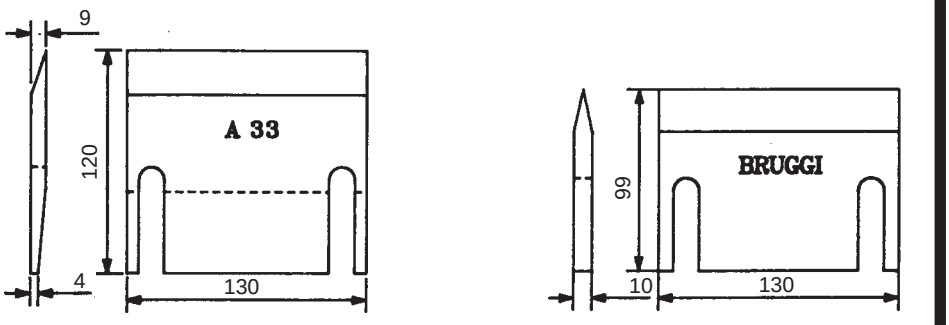
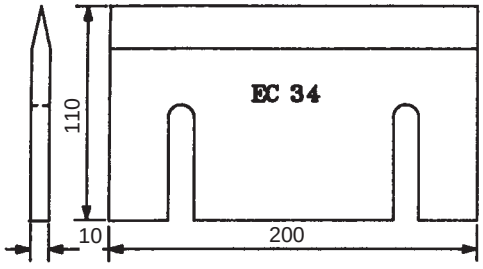
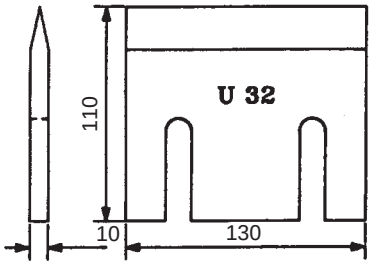
Lame in acciaio a disegno









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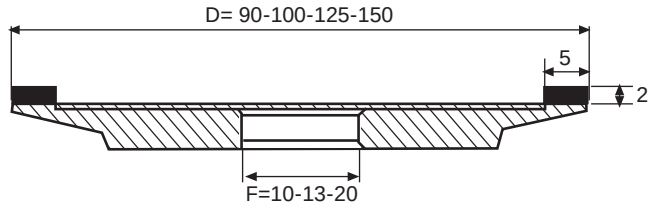
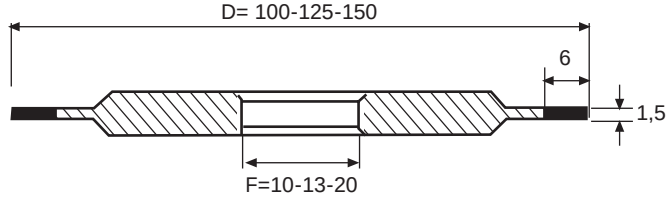
Mole diamantate

CARATTERISTICHE: mole diamantate a legante resinoide per l'affilatura di frese e utensili in carburo di tungsteno disponibili in vari ø e forme adatte alle esigenze del settore.

CARACTERISTICAS: Muelas de diamante a legante resinoide para afilar fresas y cucillas en carburo de tungsteno. Disponibles en diametros y diseños surtidos segun cuanto requirido da la industria del calzado.

CHARACTERISTICS: Diamond grinder for the sharpening of cutters and tools in carbide of tungsten available in different shapes suitable to the demand of sector.





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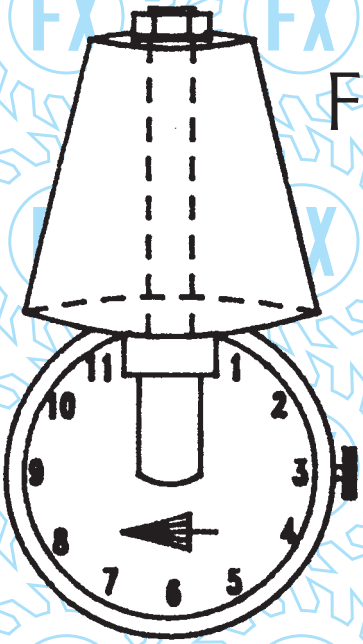
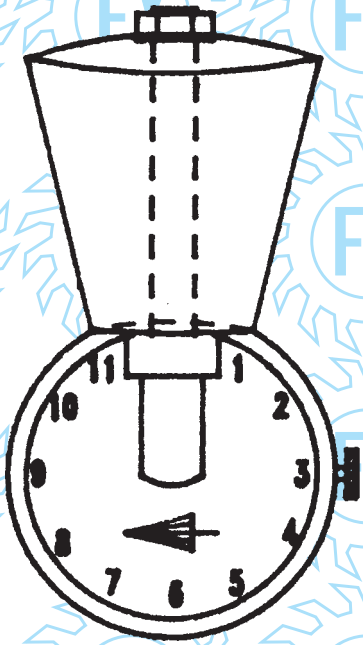
Per l'ordinazione di frese coniche

F1



F2



SENSO ORARIO

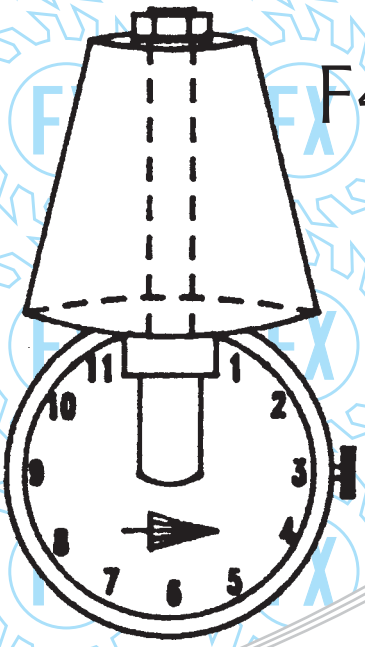
SENS HORAIRE

CLOCKWISE

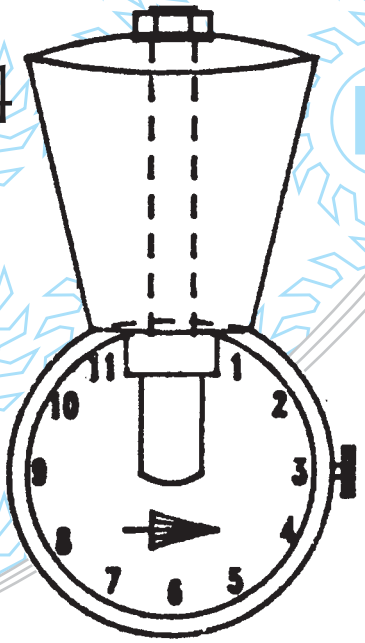
UHRZIEGERSINN

SENTIDO HORARIO

F3



F4



SENSO ANTIORARIO

SENS ANTIHORAIRE

COUNTER CLOCKWISE

GEGEN UHRZIEGERSINN

SENTIDO ANTIHORARIO

Per l'ordinazione di frese coniche o a profilo assimetrico indicare la posizione (F1-F2-F3-F4) del corretto senso di rotazione.

Para pedir fresas conicas o de perfil asimetrico indicar la ubicacion (F1-F2-F3-F4) del esacto sentido de revolucion.

For the order of conical cutters or outline (no-symetric) show the position (F1-F2-F3-F4) of the right sense of rotation.

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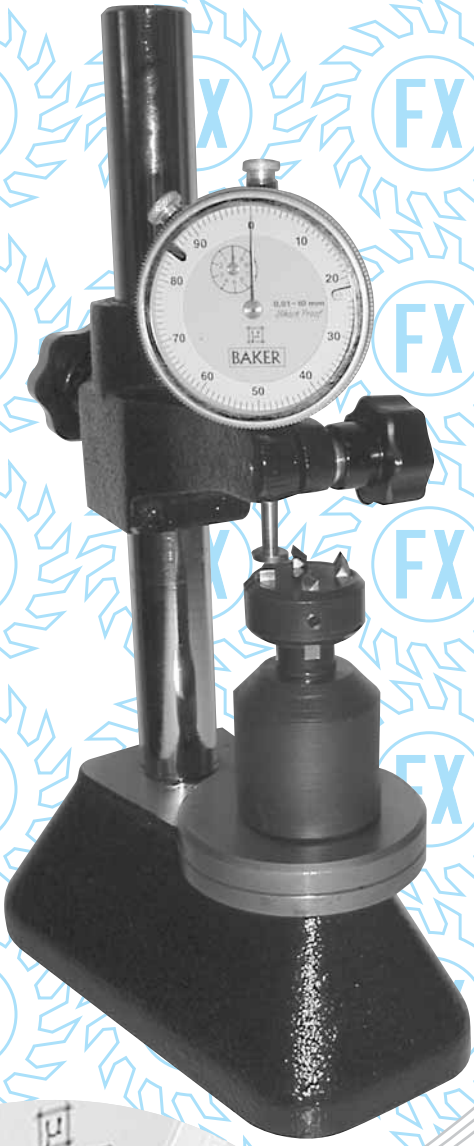
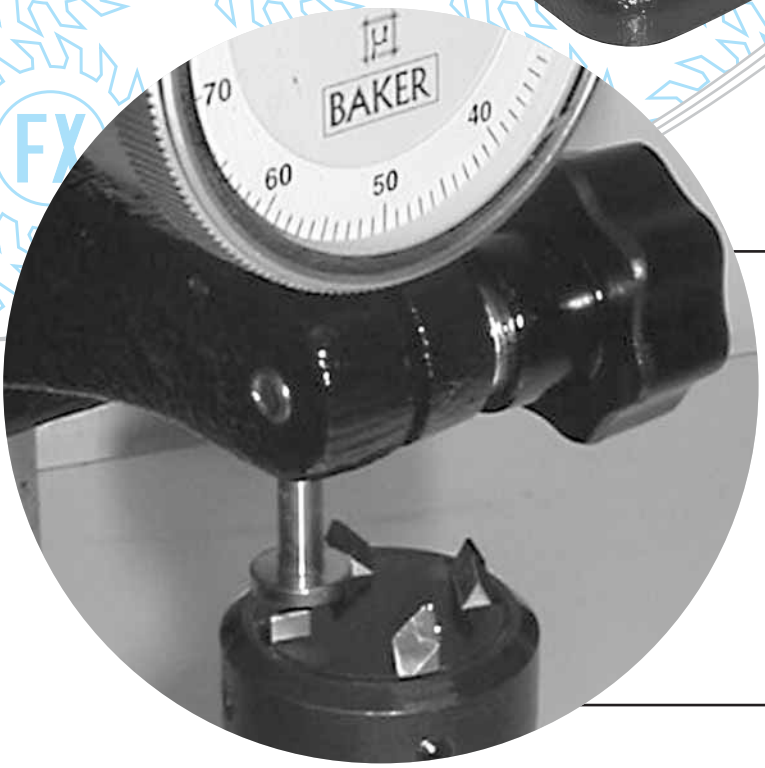
Strumento centesimale per la centratura di utensili a fissaggio meccanico





*Vedi pag. 38

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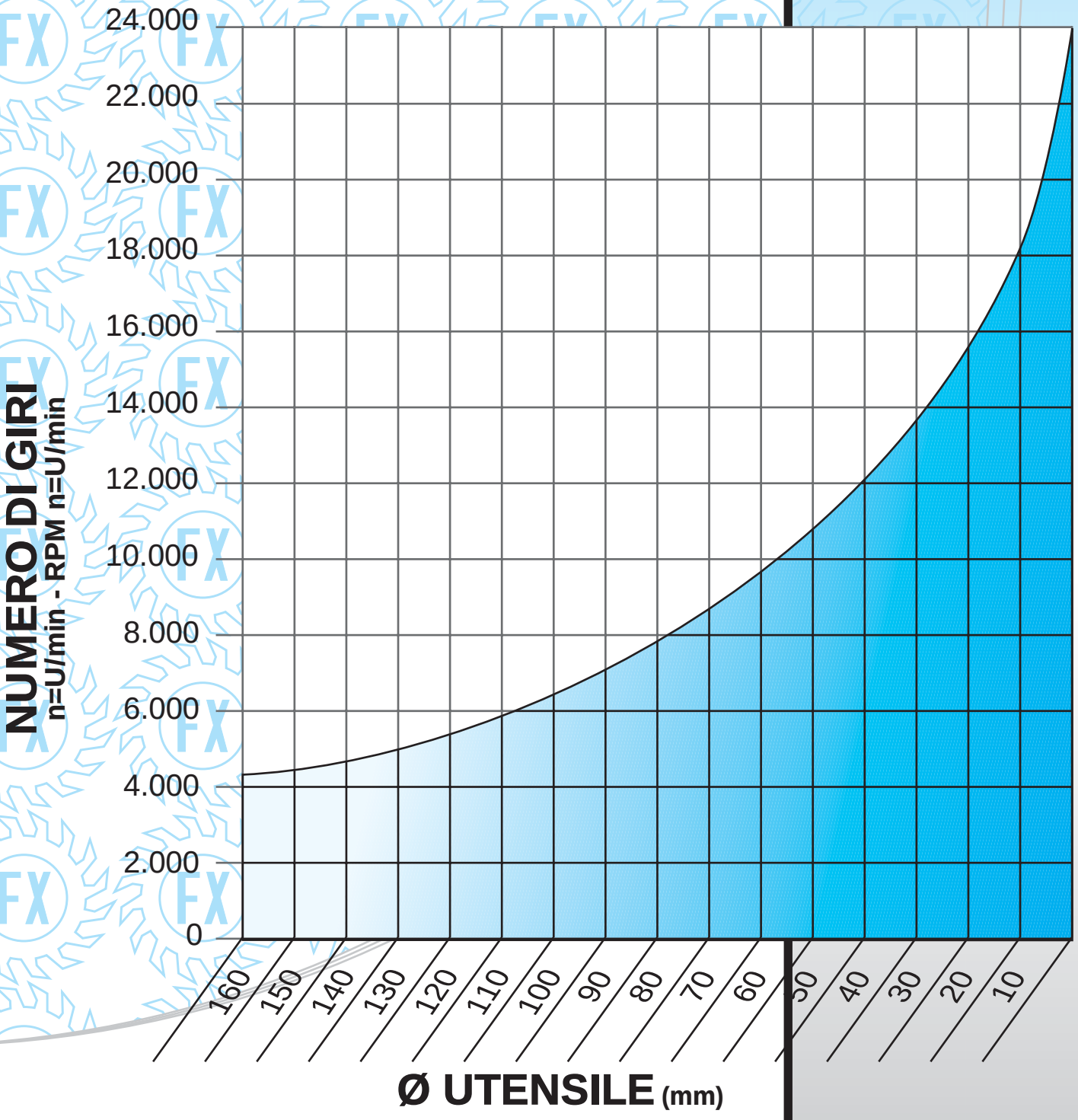
Grafico con velocità di rotazioni raccomandate
Recommended rotation speeds



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UTENSILI E MACCHINE PER CALZATURE
TOOLS AND MACHINERIES FOR FOOTWEAR

Not only cutters

Affilatrice Automatica
Automatic Grinding Machine

FX 903 BB

CRESPANO DEL GRAPPA (TV) ITALY
31017 Via Asolana, 27/L
Tel. +39 (0)423 930 195 - Fax +39 (0)423 930 196
info@italfrese.com - www.italfrese.com

italfrese

UTENSILI E MACCHINE PER CALZATURE
TOOLS AND MACHINERIES FOR FOOTWEAR

Not only cutters

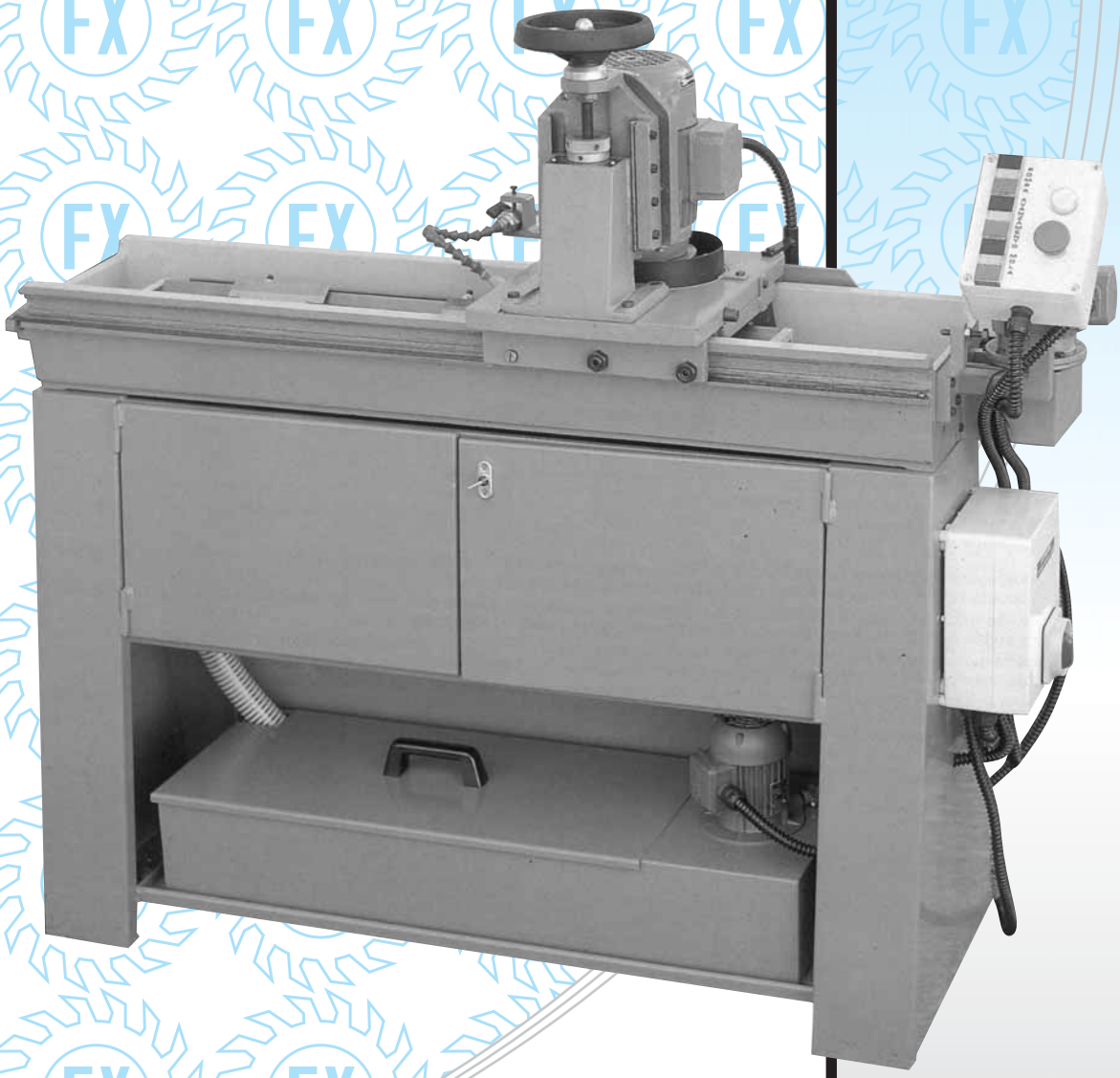
Affilatrice Manuale
Manual Grinding Machine
FX 904 BB

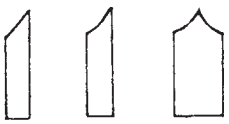
FX BB

CRESPANO DEL GRAPPA (TV) ITALY
31017 Via Asolana, 27/L
Tel. +39 (0)423 930 195 - Fax +39 (0)423 930 196
info@italfrese.com - www.italfrese.com

AFC/AS
MOD. 650
MOD. 850

Affilatrice automatica per coltelli.
Heavy-duty automatic knife grinder.





Alcuni tipi di coltelli adatti al modello AFC/AS 850 - AFC/AS 650
Some kind of knife matching with the model AFC/AS 850 - AFC/AS 650

Affilatrice automatica per coltelli

✱Vedi pag. 43

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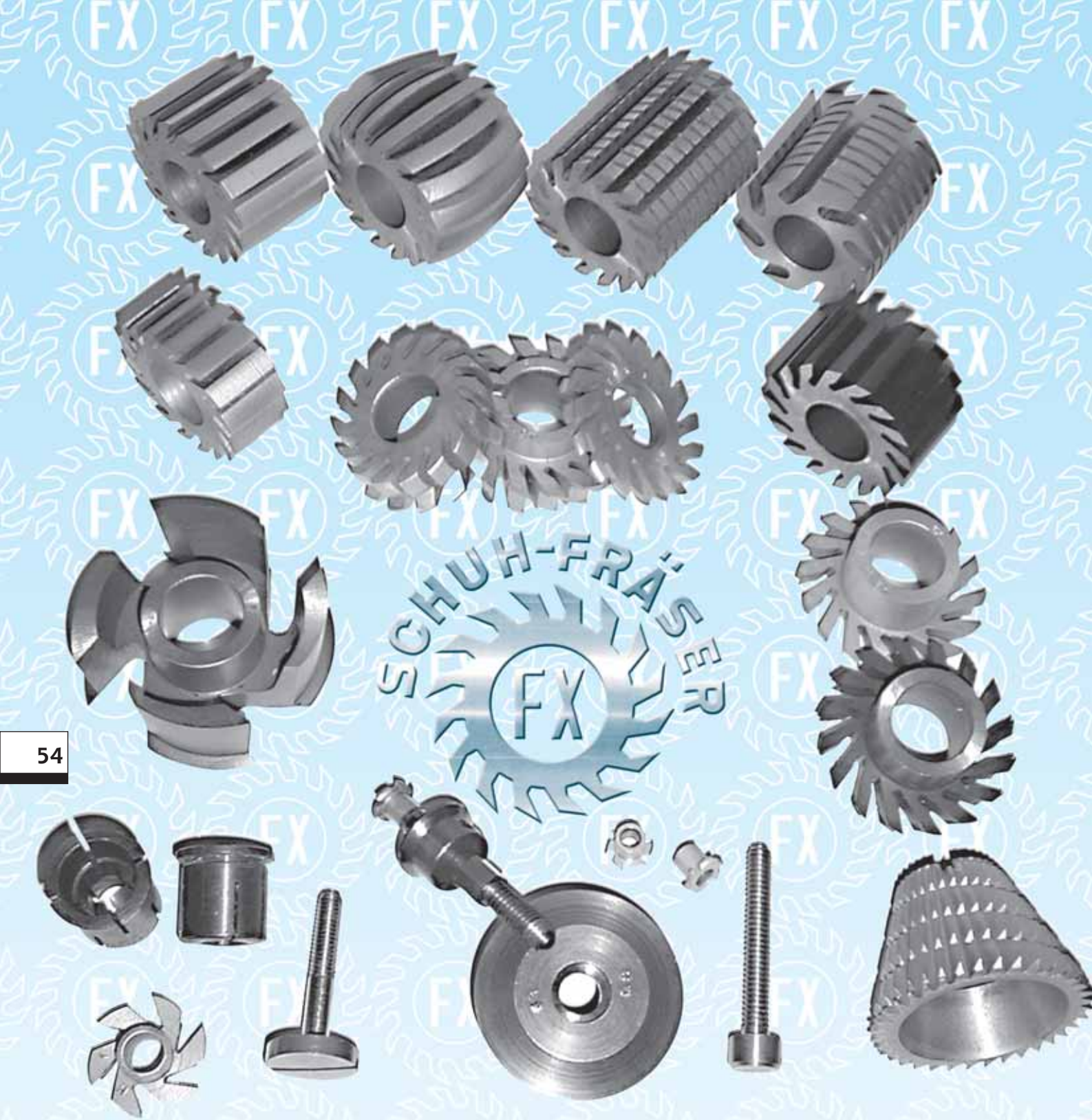
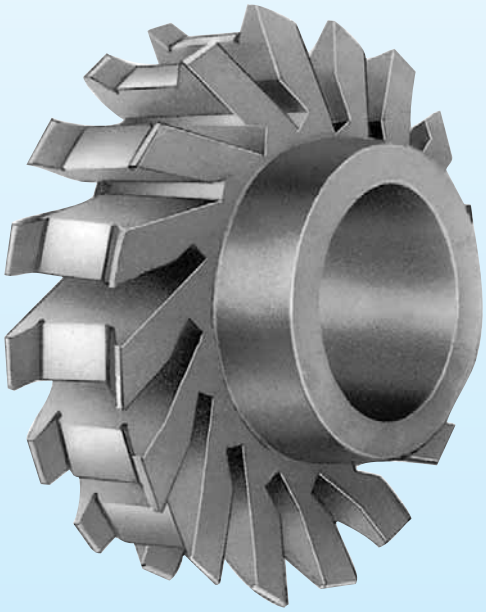


ACCIAIO SPECIALE
SPECIAL STEEL
ACIER
SPEZIALSTAHL
ACERO ESPECIAL

SCHUH-FRÄSER FX
italfrese

Frese ed accessori per calzaturifici
frese per suole e relative lisse

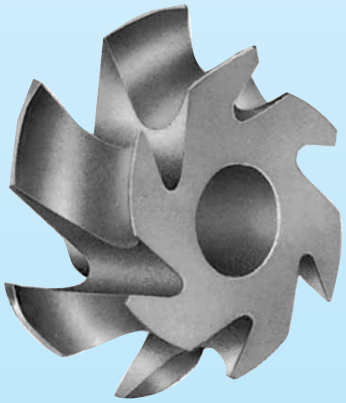
Frese in acciaio speciale ed accessori per calzaturifici.
Cutters in special steel and accessories for footwear manufacturers.
Fräser aus Spezialstahl und Zubehör für Schuhfabriken.
Fresas de acero especial y accesorios para fábrica de zapatos.



Frese per suole e relative lisse

- **Cutters for soles and relative lisse**
- **Fräser für Sohlen und dazu Gehörende Lisse**
- **Fresas para suelas y relativas lisse**

- La gamma delle misure va dal n. 3 (1,5 mm) al n. 30 (15 mm). A richiesta si eseguono altre sagome e misure oltre il n. 30
- The size range goes from n. 3 (1,5 mm) to n. 30 (15 mm). Profiles and size over n.30 can be made on request.
- Das Größenangebot geth von n. 3 (1,5 mm) bis n. 30 (15 mm). Auf Nachfrage werden auch andere Formen und Größen über n. 30 angefertigt.
- La serie de medidas va del n. 3 (1,5 mm) bis n. 30 (15 mm). A demanda se effectua cualquier perfil y medidas mayores del n. 30.



Frese per cave

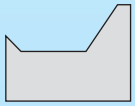
- **Slot cutters**
- **Fräser für Nutten**
- **Fresas para ranurar**

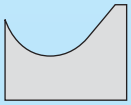
- Lisse a richiesta tutti i tipi.
- Lisse on request for all types.
- Auf Nachfrage alle Typen von Lisse.
- Todo tipo de lisse a demanda.

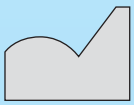
B 370 - OR

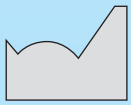
B 370 -1 C-45°
B 370 -1 1/2 C-45°
B 370 -2 C-45°
ecc.

A 390 - OR

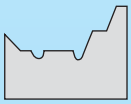

A 390 -1 C-45°
A 390 -1 1/2 C-45°
A 390 -2 C-45°
ecc.


H B


B H


B C

B 374 - 1 C-45°

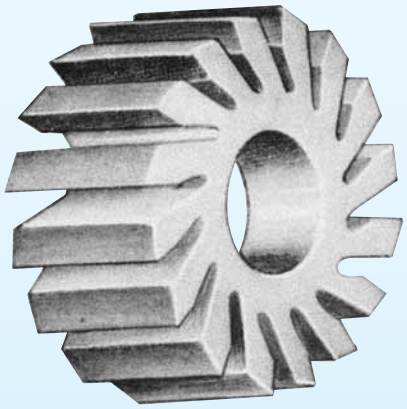

B 394 - 1 C-45°

A 374 - 2 WC-36°

Per attacco sci
attachments for skiis
bindungen für Ski
enganches para esquies

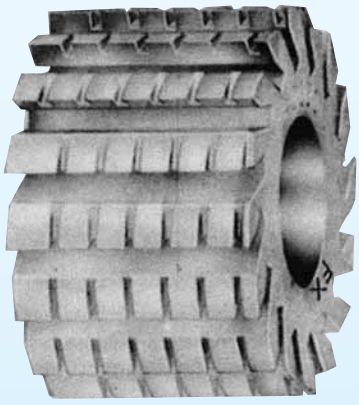
Frese ed accessori per calzaturifici
Frese per tacchi

Fig. A

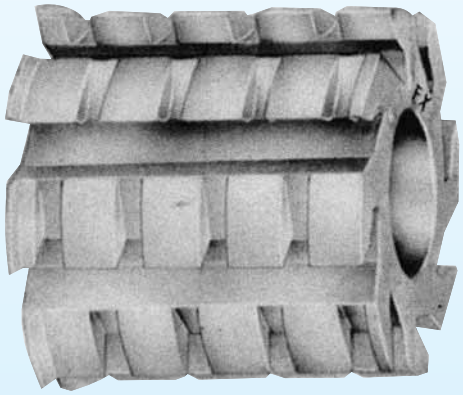


AOOOO (liscia)

Fig. S



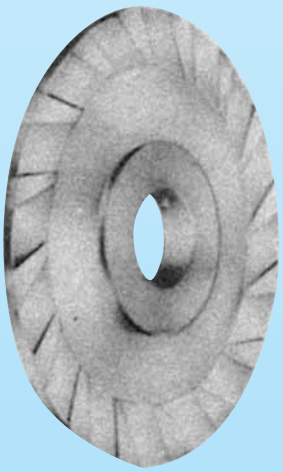
AOOOS (scanalata)



AOOSS

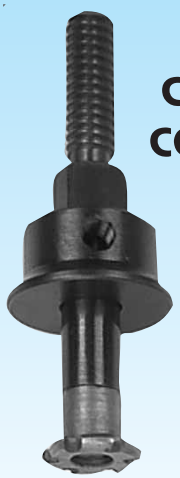
AOOOO | AOOO1 AOOO1 1/2 AOOO2 | AOOOOJ | BOOOO | KOOOO

PROFILO LISCIO (fig. AOOOO): si fornisce per tutte queste sagome.
PROFILO SCANALATO (fig. AOOOS): si fornisce per le sagome AOOOO e AOOOOJ.
La gamma delle misure normali va da mm 20 a mm 50.
A richiesta si eseguono altre sagome e misure. Le frese si forniscono in due tipi:
tipo NORMALE (colore grigio)
tipo in ACCIAIO SPECIALE (colore bianco - argento).



Guide dentate
8Z / 9Z / 16Z liscie

La gamma dei diametri va da mm 40, 40 1/2, 41, 41 1/2, ecc. a mm 50.



Microfresa
completa di attacco con guida regolabile

Acciaio o widia.
Per realizzare canalini di cucitura su scarpa montata.

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