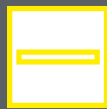


2013 EDITION



TOOLS & CONSUMABLES
FOR CNC SYSTEMS





FICEP TOOLS

Il catalogo "FICEP TOOLS" per le macchine e gli impianti di punzonatura a CNC è redatto per favorire la scelta e l'acquisto degli utensili originali Ficep.

Gli utensili citati in questa pubblicazione sono disponibili "a stock" per pronta consegna.

Un team di tecnici è a Vs. disposizione per progettare e costruire tutti quegli utensili "speciali" che per forma o dimensione non risultano a stock.

Tutti gli utensili Ficep sono prodotti con materiali di altissima qualità, lavorati su macchine a CNC, trattati termicamente e controllati secondo il programma di qualità ISO 9001.

Alla grande qualità del prodotto bisogna aggiungere il patrimonio d'esperienza che Ficep ha maturato nell'arco di 70 anni costruendo e vendendo in tutto il mondo macchine ed utensili per la lavorazione di lamiera e profilati unificati e speciali.

Rivolgersi a Ficep con fiducia, significa ottenere cortesia, assistenza, prodotti di qualità a costi contenuti.

With the purpose of offering to its Customers an improved after sales service Ficep has realized the catalogue "FICEP TOOLS" concerning CNC punching machines and systems.

The tools mentioned in this catalogue are available on stock, which means that they can be supplied very quickly.

A team of technical engineers is at your disposal to study and develop all those special tools which, for shape or dimension, are not included in the list of tools available on stock.

All Ficep tools are realized with high quality materials, processed on CNC machines, heat-treated and controlled in conformity with the quality program ISO 9001.

Besides the quality of the product, Ficep is able to offer a wide experience gained in 70 years of activity, manufacturing and selling all over the world machines and tools for the processing of sheets as well as standard and special profiles.

To address to Ficep with trust means receiving courtesy, service, products of quality at contained costs.

Dans le cadre du service assistance à notre clientèle, FICEP a réalisé ce catalogue "FICEP TOOLS" pour équiper les machines et équipements de poinçonnage à CNC.

Les outils décrits dans cette édition sont disponibles "en stock" donc rapides à fournir. Notre équipe de techniciens est à votre disposition pour concevoir, dessiner et fabriquer tous les outils spéciaux qui, pour leur forme ou dimensions, ne sont pas inclus dans ceux "en stock".

Tous les outils FICEP sont fabriqués avec des matériaux de première qualité, usinés par des machines à CNC de haute technicité, traités thermiquement et contrôlés conformément au programme de qualité ISO 9001. A la haute qualité du produit, il faut ajouter le patrimoine d'expérience que FICEP a mûri pendant 70 années, tant en fabriquant qu'en commercialisant des machines ou outils pour l'usinage de tôles de grandes dimensions ainsi que profilés laminés et reconstitués soudés dans le monde entier.

S'adresser à FICEP avec confiance signifie obtenir courtoisie, assistance, produits et qualités à prix contenus.

il vostro ordine
your order
votre ordre

A/To:



Via Matteotti, 21
21045 Gazzada Schianno
VA - ITALY

Fax : +39 0332 873 662

Modello macchina/model machine/
modèle machine:

Matricola n./Serial no./N. de Série:

Data/Date/Date

N.°ordine/P.O.no./N.cde

Da/From/De

IVA/VAT/TVA n.

Fax:

Tel.:

CODICE/CODE/CODE	Q.tà/Q.ty/Q.té	DESCRIZIONE/DESCRIPTION/DESCRIPTION

Indirizzo consegna materiale/Goods delivery address/Address du livraison

Spedizione a mezzo/Means of transport/Moyen de transport:
 DHL
 TRACO
 FED-EX
 altro/others/autre

Firma/Signature/Signature

Modulo d'ordine / order form / formulaire pour commande pag. 4

**Come ordinare utensili fuori stock / how to order non-stock tools
comment commander outils pas en stock** pag. 7

Utensili di punzonatura / Punching tools / Outils de poinçonnage pag. 8 ÷ 28

Ricambi per segatrici / Spares for saws / Réchanges pour scies pag. 29

Ricambi per cesoie / spares for shearing units / Réchanges pour cisailles pag. 30 ÷ 31

Ricambi per foratrici / spares for drilling units / Réchanges pour perçage pag. 32 ÷ 37

Caratteri di marcatura / marking characters / caractères de marquage pag. 38

SHOP ON-LINE

E-SHOP !

Per un servizio ancora più celere, acquista i tuoi utensili direttamente sul web! Richiedi la tua USER-NAME e PASSWORD inviando un'email allo indirizzo **tools@ficep.it** e visitando il nostro sito: **www.ficepgroup.com** potrai facilmente consultare il nostro catalogo ed inviare l'ordine direttamente ai nostri uffici!

E-SHOP !

*For a more efficient service, buy your tools directly on web! Require for USER-NAME and PASSWORD by sending an email to **tools@ficep.it** and on our website: **www.ficepgroup.com** you will view our catalogue and send your purchase order directly to our offices!*

E-SHOP !

Pour un service plus rapide, achète tes outils directement sur web! Demande tes USER-NAME et PASSWORD avec email à notre adresse **tools@ficep.it** Sur notre site: **www.ficepgroup.com** tu pourras consulter facilement notre catalogue et envoyer tes commandes directement à notre bureau!

Informazioni al cliente Customer information Informations au client



Consegna:

- Utensili standard a stock vengono evasi in 48 ore
- Utensili standard fuori stock vengono evasi in pochi giorni



Utensili speciali:

per utensili speciali non elencati in questo catalogo forniteci un disegno o un campione per ricevere un'offerta



Pagamento:

R.D. ad avviso di merce pronta



Discount:

3% di sconto per pagamenti a mezzo "Visa" o "Mastercard" su www.ficep.it



Resa merce:

franco fabbrica Gazzada - Varese



Imballo:

è consigliato in caso di trasporto e il costo è a carico del destinatario



Spedizioni:

La merce viene spedita via corriere espresso salvo diverse disposizioni



Merce di ritorno:

non verrà accettata senza autorizzazione scritta da parte di Ficep



Ordine minimo:
250 Euro

Delivery:

- Stock tooling can be shipped within 48 hours
- Non-stock sizes of standard tooling will be shipped within a few days

Special tooling:

For any special, non-standard tools not listed in this catalogue, please provide Ficep with a sketch or sample of your tooling for a quotation

Payment:

Cash upon notice of goods ready for shipment

Discount:

3% discount with payment by "Visa" o "Mastercard" on www.ficep.it

Freight:

ex works
Gazzada - Varese

Packing:

it is suggested for shipping. To be charged to the customer

Shipping:

The good will be shipped by express courier unless different instructions

Return Policy:

No goods will be accepted for return without written authorization from Ficep

Minimum orders:
250 Euro

Livraison:

- Outils "en stock" expédiés en 48 heures
- Outils "hors stock" parmi les outils standards expédiés en quelques jours

Outils spéciaux:

Concernant les outils non énumérés dans ce catalogue, nous vous prions d'envoyer à Ficep un plan ou un échantillon pour vous fournir notre meilleure offre

Paiement:

Remise directe sur demande avant expédition

Discount:

Remise 3% pour paiement par "Visa" o "Mastercard" sur www.ficep.it

Modalité de Livraison:

Franco nos usines de Gazzada (Varese)

Emballage:

il est conseillé en cas de transport et le coût est à charge du destinataire.

Expéditions:

La marchandise est expédiée par courier sauf instructions différentes

Marchandise rendue:

Aucune marchandise rendue sera acceptée sans l'autorisation écrite par Ficep S.p.A.

Montant minimum commande:
250 Euro

COME COMPILARE IL CODICE UTENSILE "FUORI STOCK" HOW TO FILL IN THE TOOL CODE WHICH IS NOT "ON STOCK" INSTRUCTIONS POUR INTRODUIRE LE CODE OUTIL "HORS STOCK"

E' semplice! Compila le caselle del modulo d'ordine seguendo gli esempi sottostanti.

It's easy! Fill in the order form squares following the hereinafter examples.

C'est très simple! Remplissez les cases du formulaire du bon de commande en suivant les exemples mentionnés ci-dessous:

Nelle prime sei caselle riporta il **numero di disegno dell'utensile** che ti interessa.

In the first six squares report the **drawing number of the tool** of your interest.

Introduire le **numero du plan de l'outil** de votre choix, dans les 6 premières cases,

Scrivi il materiale da lavorare:
Acciaio normale = 0
Acciaio inox = 1

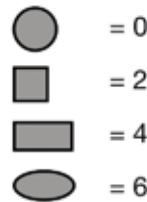
Write the material to be processed
normal steel = 0
stainless steel = 1

Introduire le matériau à usiner
acier normal=0;
acier inox=1

Scrivi il numero della **sagoma utensile**

Write the number of the **tool shape**

Introduire le numero de **la forme outil**



Riporta la **misura dell'utensile**. Per gli ovali e rettangolari scrivi per prima la misura più piccola; per i tondi e quadri basterà una sola dimensione. Le misure vanno espresse in tre cifre, la terza cifra indica il decimale.

Report the **size of the tool**. For the oval and rectangular tools write first the smaller size; for the round and square tools only one dimension will be sufficient. The size have to be expressed in three digits, the third digit shows the decimal.

Introduire d'abord les **dimensions de l'outil**. Pour les oblongs et les rectangulaires introduire d'abord la mesure le plus petite; pour les ronds et les carrés, une seule dimension suffit. Les mesures doivent être introduites avec 3 chiffres, le troisième chiffre indique le nombre décimal.

Ex.1

A 2 6 2 2 0 0 6 1 7 5 3 0 0

Punzone ovale da mm 17,5 x 30 • 17,5 x 30 mm oval punch • Poinçon oblong de 17,5 x 30 mm

A 2 7 3 5 2 0 6 1 8 7 3 1 2

Matrice ovale da mm 18,7 x 31,2 • 18,7 x 31,2 mm oval die • Matrice oblongue de 18,7 x 31,2 mm

Ex.2

A 2 2 0 8 4 0 0 3 0 0

Punzone tondo da mm 30 • 30 mm round punch • Poinçon rond de 30 mm

A 2 6 3 7 1 1 0 3 1 6

Matrice tonda **inox** da mm 31,6 • 31,6 mm **stainless steel** round die • Matrice rond **inox** de 31,6 mm

Note:

Le misure delle matrici vanno maggiorate del gioco desiderato o di quello standard Ficep secondo la tabella di pag. 10
The sizes of the dies have to be increased of the required clearance or of the standard Ficep clearance, according to table on page 10
Les mesures des matrices doivent être augmentées du jeu demandé ou du jeu standard Ficep selon le tableau de pag. 10

UTENSILI FUORI STOCK

Si eseguono su richiesta tutte le misure non espresse in tabella, nei limiti delle dimensioni massime previste per l'utensile. La consegna degli utensili fuori stock è prevista entro pochi giorni. Gli utensili fuori stock hanno un prezzo maggiorato del 30% rispetto al listino.

NON-STOCK TOOLS

We can supply, upon request, all the sizes not listed in the table, considering the maximum dimensions foreseen for each tool. Non-stock tools will be delivered within a few days, and have a price difference of +30% on the standard tools.

OUTILS HORS STOCK

Sur demande, nous réalisons toutes les dimensions qui ne figurent pas sur les tables, dans les limites des dimensions maxi. prévues par l'outil. Les outils hors stock peuvent être livrés en peu de jours. Les outils hors stock ont un prix supérieur de 30% par rapport au prix de vente standard.

PUNZONI PUNCHES POINÇONS	PAGG.11-12-13										PAGG. 14-15						PAG. 16			PAG. 17								
	A21922*	A18788	A23912	A26129	A08224	A22084	A26359	A30215	A30493	A30604	A30606	A21772	A25717	A28876	A13289	A26220	A27050	A30641	A20674	A27462	A13287	A24203	A28607	A29482	A30192	A27400	A27661	A30872
COD. →																												
MOD. ↓	7-18 mm	6-27 mm	5-30 mm	30.1-32 mm	6-35 mm	27.1-40 mm	31.1-46 mm	46.1-68 mm	5-13 mm	13-79 mm	79.1-100 mm	+25 mm	+30 mm	30.1-32 mm	+35 mm	21.1-40 mm	40.1-46 mm	13-80 mm	+17 mm	+21 mm	+24.7 mm	17.1-28 mm	21.1-32 mm	Diag.30 mm	Diag.35 mm	Diag.40 mm	Diag.46 mm	Diag.75 mm
A152	•		•									•								•				•				
A92/A124T/HP12T4	•		•	•								•	•							•				•				
L162T/A162 / A162T/HP16T2	•		•	•								•	•							•				•				
L164T/A164 /A164T/ HP16T4	•		•	•								•	•							•				•				
L166T/L206T/A166 / A166T/ HP16T6	•		•	•								•	•							•				•				
A204 / A204T/ HP20T4	•				•									•							•				•			
A206 / A206T/ HP20T6	•				•									•							•				•			
A 13.34 NT	•		•									•								•				•				
A 15.34 N/NT	•		•									•								•				•				
A 16.34 N/NT	•				•									•							•				•			
A 16.36 N/NT	•				•									•							•				•			
A 18.36 N/NT	•				•									•							•				•			
A 20.36 N/NT	•				•									•							•				•			
LPA 15.14	•				•									•							•				•			
LPA 15.16	•				•									•							•				•			
LPA 15.36	•				•									•							•				•			
LPA 15.34 N/NT	•		•									•									•				•			
LPA 15.36 N/NT	•				•									•							•				•			
LPA 20.36	•				•									•							•				•			
TIPO D2			•				•					•				•				•			•	•		•		•
TIPO D4 / D8			•				•	•				•				•				•			•	•		•		•
TIPO D6			•	•		•						•	•		•					•		•	•	•	•		•	
F504-8PS / F504PSN			•				•	•				•				•				•			•	•		•		•
306 PS			•									•									•				•			
P51 / P81 / P113		•				•	•					•			•	•				•			•	•		•	•	
P1101P / P1104P		•				•	•					•			•	•				•		•	•	•		•	•	
P803A		•				•	•					•			•	•				•			•	•		•	•	
P803P / P803PN			•	•								•	•	•						•		•	•	•	•		•	
LPP 703 / LPP 803		•				•	•					•			•	•				•			•	•		•	•	
LPP 1003		•				•	•					•			•	•				•		•	•	•		•	•	
LPP 803.2N			•	•								•	•							•				•				
TIPO B / B15		•				•	•					•			•	•				•		•	•	•		•	•	
TIPO B20 / B25		•				•	•					•			•	•				•		•	•	•		•	•	
TIPO B161 / B251 / B164 / B254 / C25**		•				•	•					•			•	•				•		•	•	•		•	•	
TIPO B161 / B251 / B164 / B254 / C16 / C25									•	•	•						•											•

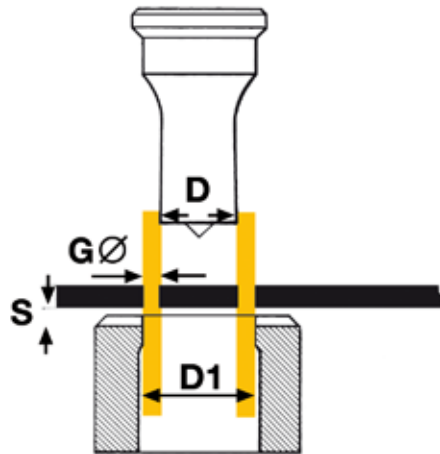
* utilizzabile solo se la linea è dotata di porta punzone per extra-minimi / To be used only if the line is equipped with punch-older for extra minimum gauge lines / Si la machine est équipée avec porte-poinçon pour extra-mini. trusquins. ** con adattatore / with adapter / avec adapteur

MATRICI DIES MATRICES	PAGG. 18-19-20-21										PAGG. 22-23							PAG. 24			PAG. 25														
	A12688	A17968	A21578	A12957	A26371	A30216	A29880	A29904	A29903	A29905	A30491	A30537	A30538	A30217	A18048	A28871	A30218	A27352	A29919	A29918	A30614	A30555	A30221	A19329	A27131	A30219	A28442	A29483	A30193	A30220	A27401	A30873	A30874		
COD. →																																			
MOD. ↓																																			
A152		•													•												•								
A92/A124T/HP12T4			•													•												•							
L162T/A162 / A162T/HP16T2			•													•												•							
L164T/A164 /A164T/ HP16T4			•													•												•							
L166T/L206T/A166 / A166T/ HP16T6			•													•												•							
A204/ A204T/ HP20T4			•													•												•							
A206 / A206T/ HP20T6			•													•												•							
A 13.34 NT		•													•												•								
A 15.34 N/NT		•													•												•								
A 16.34 N/NT			•													•												•							
A 16.36 N/NT			•													•												•							
A 18.36 N/NT			•													•												•							
A 20.36 N/NT			•													•												•							
LPA 15.14			•													•												•							
LPA 15.16			•													•												•							
LPA 15.36			•													•												•							
LPA 15.34 N/NT		•													•												•								
LPA 15.36 N/NT			•													•												•							
LPA 20.36			•													•												•							
TIPO D2		•			•										•			•									•			•				•	
TIPO D4 / D8	•	•		•	•	•								•	•		•	•								•	•		•	•			•	•	
TIPO D6		•			•										•			•									•			•				•	
F504-8PS / F504PSN	•	•		•	•	•								•	•		•	•								•	•		•	•			•	•	
306 PS							•	•	•	•									•	•															
P51 / P81 / P113					•													•												•				•	
P1101P / P1104P					•													•												•				•	
P803A					•													•												•				•	
P803P / P803PN			•													•												•						•	
LPP 703 / LPP 803					•													•												•				•	
LPP 1003					•													•												•				•	
LPP 803.2N			•													•												•						•	
TIPO B / B15					•													•												•				•	
TIPO B20 / B25					•													•												•				•	
TTIPO B161 / B251 / B164 / B254 / C25**					•													•												•				•	
TIPO B161 / B251 / B164 / B254 / C16 / C25										•	•	•									•	•												•	•

** con adattatore / with adapter / avec adapteur

**GIOCO STANDARD
STANDARD CLEARANCE
JEU STANDARD**

mm.		GIOCO CLEARANCE JEU mm.
< 4	0,4	
4,1 ÷ 7	0,6	
7,1 ÷ 10	0,7	
10,1 ÷ 13	0,8	
13,1 ÷ 16	1	
16,1 ÷ 20	1,2	
20,1 ÷ 23	1,3	
23,1 ÷ 26	1,4	
26,1 ÷ 29	1,5	
29,1 ÷ 32	1,6	
32,1 ÷ 35	1,7	
35,1 ÷ 40	1,8	
40>	2	



$$D1 - D = G \varnothing$$

$$D + G = D1$$

Esempi di eventuali ordinazioni:
• Richiesta di matrice per punzone tondo da 25.5 mm.

Il diametro della matrice da inserire nell'ordine è 26,9 mm.

• Richiesta di matrice per punzone quadro con lato 25.5 mm.

Considerare il lato del quadro come se fosse un diametro, per cui la misura del quadro della matrice da inserire nell'ordine è 26,9 mm.

• Richiesta di matrice per punzone ovale o rettangolare da 9x25.5 mm.

La misura da prendere in considerazione è sempre la minore, per cui va aggiunta la quota di maggiorazione riferita a 9 mm anche alla misura superiore. Quindi la misura della sagoma della matrice da inserire nell'ordine è 9,7x26,2 mm

Examples of possible orders
• Request of die for 25.5 mm round punch.

The diameter of the die to be inserted in the order is 26,9 mm.

• Request of die for square punch with 25.5 mm side.

Consider the side of the square as a diameter, therefore the size of the square of the die to be inserted in the order is 26,9 mm.

• Request of die for punch for 9 mm x 25.5 mm oval or rectangular tool.

The size to consider is always the smaller, therefore the increase rate referred to 9 mm has to be added also to the bigger size. The size of the shape of the die to be inserted in the order is 9,7x26,2 mm.

Exemples de commandes possibles :
• Demande de matrice pour poinçon rond de 25,5 mm.

Le diamètre correspondant à la matrice à introduire dans le bon de commande est de 26,9 mm.

• Demande de matrice pour poinçon carré avec côté 25,5 mm.

Il faut considérer le côté du carré tel qu'il soit un diamètre, donc la mesure du carré de la matrice à introduire dans le formulaire du bon de commande est de 26,9 mm.

• Demande de matrice pour poinçon oblong ou rectangulaire de 9 x 25,5 mm. La mesure à prendre en considération est toujours la plus petite, donc il faut ajouter le chiffre de majoration rapporté à 9 mm, même pour la mesure la plus grande. Ex. la mesure correcte de la forme de la matrice à introduire est 9,7x26,2 mm.

Nota:
contattare l'Ufficio Utensili Ficep per conoscere il gioco corretto per lavorare acciaio inox o altri materiali.

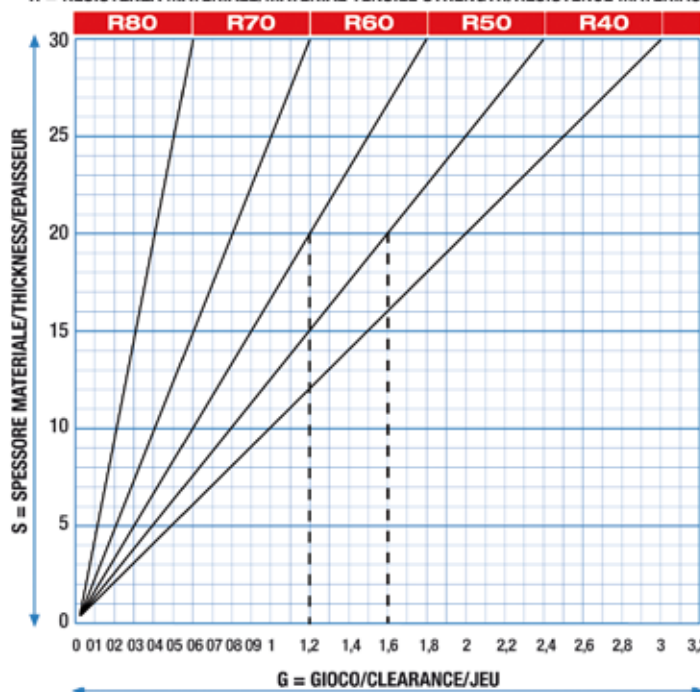
Note:
call the Ficep Tools Department for the recommended clearance for punching stainless steel or other material.

Note:
contacter le Bureau Outils Ficep pour savoir le jeu correct afin de usiner l'acier inox ou d'autres matériaux.

Es./Ex./Ex.:
S=20mm
R=50 kg/mm²

1,2 < G < 1,6

R = RESISTENZA MATERIALE/MATERIAL TENSILE STRENGTH/RESISTENCE MATERIAU



PUNZONI TONDI A STOCK / STOCK ROUND PUNCHES / POINÇONS ROUNDS EN STOCK

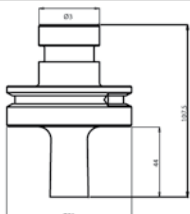
A21922 Ø 7÷18 mm		A18788 Ø 6÷27 mm		A23912 Ø 5÷30 mm		A23912 Ø 5÷30 mm		
EXTRA MIN.								
	Ø	COD.	Ø	COD.	Ø	COD.	Ø	COD.
	7	A2192200070	6	A1878800060	6	A2391200060	30	A2391200300
	8	A2192200080	7	A1878800070	6.5	A2391200065		
9	A2192200090	7.5	A1878800075	7	A2391200070			
10	A2192200100	8	A1878800080	7.5	A2391200075			
11	A2192200110	8.5	A1878800085	8	A2391200080			
12	A2192200120	9	A1878800090	8.5	A2391200085			
13	A2192200130	9.5	A1878800095	9	A2391200090			
13.5	A2192200135	10	A1878800100	9.5	A2391200095			
14	A2192200140	10.5	A1878800105	10	A2391200100			
14.5	A2192200145	11	A1878800110	10.5	A2391200105			
15	A2192200150	11.5	A1878800115	11	A2391200110			
15.5	A2192200155	12	A1878800120	11.5	A2391200115			
16	A2192200160	12.5	A1878800125	12	A2391200120			
16.5	A2192200165	13	A1878800130	12.5	A2391200125			
17	A2192200170	13.5	A1878800135	13	A2391200130			
17.5	A2192200175	14	A1878800140	13.5	A2391200135			
18	A2192200180	14.5	A1878800145	14	A2391200140			
		15	A1878800150	14.5	A2391200145	A26129 Ø 30,1÷32 mm 		
		15.5	A1878800155	15	A2391200150			
		16	A1878800160	15.5	A2391200155			
		16.5	A1878800165	16	A2391200160			
		17	A1878800170	16.5	A2391200165			
		17.5	A1878800175	17	A2391200170			
		18	A1878800180	17.5	A2391200175			
		18.5	A1878800185	18	A2391200180			
		19	A1878800190	18.5	A2391200185			
		19.5	A1878800195	19	A2391200190	Ø	COD.	
		20	A1878800200	19.5	A2391200195	30.5	A2612900305	
		20.5	A1878800205	20	A2391200200	31	A2612900310	
		21	A1878800210	20.5	A2391200205	31.5	A2612900315	
		21.5	A1878800215	21	A2391200210	32	A2612900320	
		22	A1878800220	21.5	A2391200215			
		22.5	A1878800225	22	A2391200220			
		23	A1878800230	22.5	A2391200225			
		23.5	A1878800235	23	A2391200230			
		24	A1878800240	23.5	A2391200235			
		24.5	A1878800245	24	A2391200240			
		25	A1878800250	24.5	A2391200245			
		25.5	A1878800255	25	A2391200250			
		26	A1878800260	25.5	A2391200255			
		26.5	A1878800265	26	A2391200260			
		27	A1878800270	26.5	A2391200265			
				27	A2391200270			
				27.5	A2391200275			
				28	A2391200280			
				28.5	A2391200285			
				29	A2391200290			
				29.5	A2391200295			

PUNZONI TONDI A STOCK / STOCK ROUND PUNCHES / POINÇONS RONDS EN STOCK

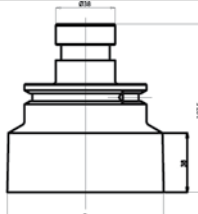
A30493
Ø 5÷13 mm



A30604
Ø 13÷79 mm



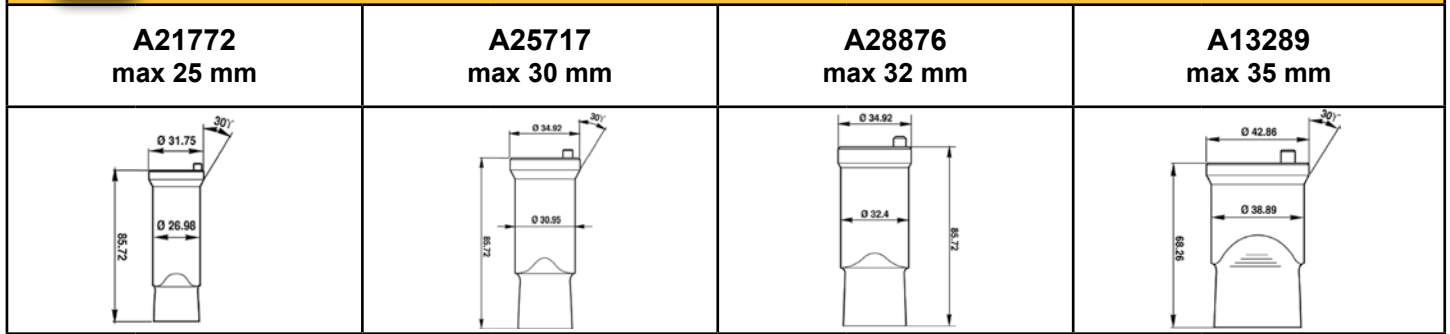
A30606
Ø 79,1÷100 mm



Ø	COD.	Ø	COD.	Ø	COD.		
7	A3049300070	13.5	A3060400135				
8	A3049300080	14	A3060400140				
9	A3049300090	15	A3060400150				
10	A3049300100	16	A3060400160				
10.5	A3049300105	17	A3060400170				
11	A3049300110	17.5	A3060400175				
12	A3049300120	18	A3060400180				
12.5	A3049300125	19	A3060400190				
13	A3049300130	20	A3060400200				
		21	A3060400210				
		22	A3060400220				
		23	A3060400230				
		24	A3060400240				
		24.5	A3060400245				
		25	A3060400250				
		26	A3060400260				
		26.5	A3060400265				
		27	A3060400270				
		28	A3060400280				
		29	A3060400290				
		30	A3060400300				

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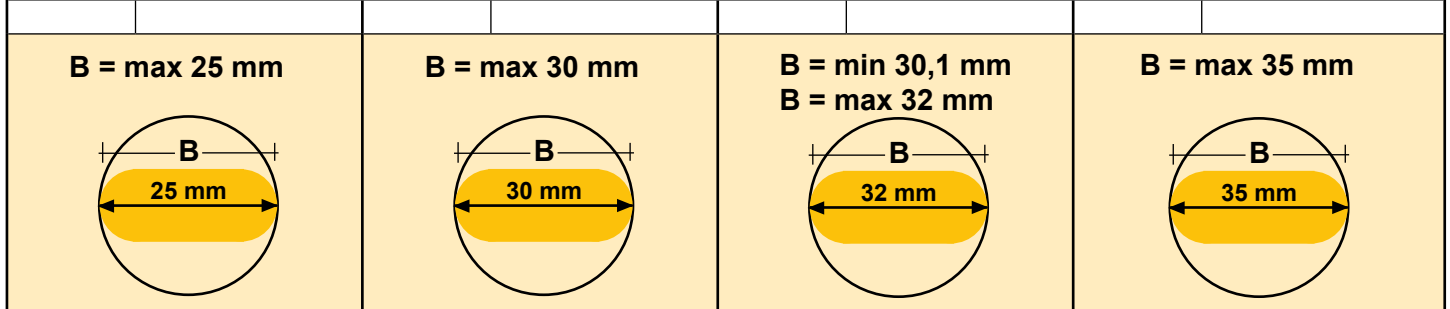
PUNZONI OVALI A STOCK / STOCK OVAL PUNCHES / POINÇONS OBLONGS EN STOCK



Ø	COD.	Ø	COD.	Ø	COD.	Ø	COD.
		10X30	A2571706100300	16X32	A2887606160320	10X30	A1328906100300
		11X30	A2571706110300	18X32	A2887606180320	11X30	A1328906110300
		12X30	A2571706120300	20X32	A2887606200320	12X30	A1328906120300
		13X30	A2571706130300	22X32	A2887606220320	13X30	A1328906130300
		14X26	A2571706140260			14X26	A1328906140260
		14X30	A2571706140300			14X30	A1328906140300
		16X30	A2571706160300			14X35	A1328906140350
		17X30	A2571706170300			16X30	A1328906160300
		18X26	A2571706180260			18X30	A1328906180300
		18X30	A2571706180300			18X35	A1328906180350
		19X30	A2571706190300			19X30	A1328906190300
		20X30	A2571706200300			20X30	A1328906200300
		22X30	A2571706220300			22X30	A1328906220300
		26X30	A2571706260300			26X30	A1328906260300

Disponibile su richiesta
Available upon request
Sur demande

SPINETTA / PIN / CLAVETTE INDEXAGE: COD. 10160010850



PUNZONI QUADRI A STOCK / STOCK SQUARE PUNCHES / POINÇONS CARRES EN STOCK

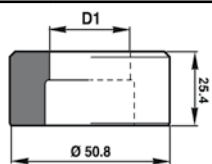
A20674 max 17 mm		A13287 max 24,7 mm		A24203 max 28 mm		A28607 max 32 mm	
Ø	COD.	Ø	COD.	Ø	COD.	Ø	COD.
						26	A2860702260
						32	A2860702320
<p>A = max 17 mm</p>							
A27462 max 21 mm							
Ø	COD.						
13	A2746202130						
21	A2746202210						
SPINETTA / PIN / CLAVETTE INDEXAGE: COD. 10160010850							
<p>A = max 21 mm</p>		<p>A = max 24,7 mm</p>		<p>A = min 17,1 mm A = max 28 mm</p>		<p>A = min 21,1 mm A = max 32 mm</p>	

PUNZONI RETTANGOLARI A STOCK / STOCK RECTANGULAR PUNCHES
POINÇONS RECTANGULAIRES EN STOCK

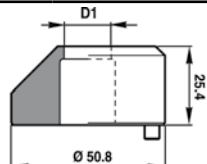
A29482 max diag. 30 mm		A30192 max diag. 35 mm		A27400 max diag. 40 mm		A27661 max diag. 46 mm					
Ø	COD.	Ø	COD.	Ø	COD.	Ø	COD.				
						22X40	A2766104220400				
<p>B = max 29,5 mm</p>		<p>Disponibile su richiesta Available upon request Sur demande</p>		<p>Disponibile su richiesta Available upon request Sur demande</p>		<p>Disponibile su richiesta Available upon request Sur demande</p>					
<p>A30872 max diag. 75 mm</p>											
Ø	COD.										
<p>Disponibile su richiesta Available upon request Sur demande</p>		<p>Disponibile su richiesta Available upon request Sur demande</p>		<p>Disponibile su richiesta Available upon request Sur demande</p>		<p>Disponibile su richiesta Available upon request Sur demande</p>					
SPINETTA / PIN / CLAVETTE INDEXAGE: COD. 10160010850											
<p>B = max 74,6 mm</p>		<p>B = max 34,6 mm</p>		<p>B = max 39,6 mm</p>		<p>B = min 39,7 mm B = max 45,7 mm</p>					

MATRICI TONDE A STOCK / STOCK ROUND DIES / MATRICES RONDES EN STOCK

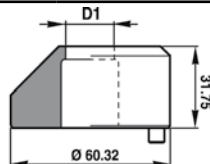
A12688



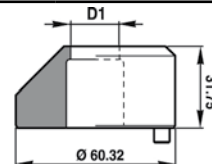
A17968



A21578



A21578



Ø	COD.	Ø	COD.	Ø	COD.	Ø	COD.
6.6	A1268800066	6.6	A1796800066	6.6	A2157800066	32.1	A2157800321
7.1	A1268800071	7.1	A1796800071	7.1	A2157800071	32.6	A2157800326
7.6	A1268800076	7.6	A1796800076	7.6	A2157800076	33.1	A2157800331
8.2	A1268800082	8.2	A1796800082	8.2	A2157800082	33.6	A2157800336
8.7	A1268800087	8.7	A1796800087	8.7	A2157800087		
9.2	A1268800092	9.2	A1796800092	9.2	A2157800092		
9.7	A1268800097	9.7	A1796800097	9.7	A2157800097		
10.2	A1268800102	10.2	A1796800102	10.2	A2157800102		
10.7	A1268800107	10.7	A1796800107	10.7	A2157800107		
11.3	A1268800113	11.3	A1796800113	11.3	A2157800113		
11.8	A1268800118	11.8	A1796800118	11.8	A2157800118		
12.3	A1268800123	12.3	A1796800123	12.3	A2157800123		
12.8	A1268800128	12.8	A1796800128	12.8	A2157800128		
13.3	A1268800133	13.3	A1796800133	13.3	A2157800133		
13.8	A1268800138	13.8	A1796800138	13.8	A2157800138		
14.5	A1268800145	14.5	A1796800145	14.5	A2157800145		
15	A1268800150	15	A1796800150	15	A2157800150		
15.5	A1268800155	15.5	A1796800155	15.5	A2157800155		
16	A1268800160	16	A1796800160	16	A2157800160		
16.5	A1268800165	16.5	A1796800165	16.5	A2157800165		
17	A1268800170	17	A1796800170	17	A2157800170		
17.7	A1268800177	17.7	A1796800177	17.7	A2157800177		
18.2	A1268800182	18.2	A1796800182	18.2	A2157800182		
18.7	A1268800187	18.7	A1796800187	18.7	A2157800187		
19.2	A1268800192	19.2	A1796800192	19.2	A2157800192		
19.7	A1268800197	19.7	A1796800197	19.7	A2157800197		
20.2	A1268800202	20.2	A1796800202	20.2	A2157800202		
20.7	A1268800207	20.7	A1796800207	20.7	A2157800207		
21.2	A1268800212	21.2	A1796800212	21.2	A2157800212		
21.8	A1268800218	21.8	A1796800218	21.8	A2157800218		
22.3	A1268800223	22.3	A1796800223	22.3	A2157800223		
22.8	A1268800228	22.8	A1796800228	22.8	A2157800228		
23.3	A1268800233	23.3	A1796800233	23.3	A2157800233		
23.8	A1268800238	23.8	A1796800238	23.8	A2157800238		
24.3	A1268800243	24.3	A1796800243	24.3	A2157800243		
24.9	A1268800249	24.9	A1796800249	24.9	A2157800249		
25.4	A1268800254	25.4	A1796800254	25.4	A2157800254		
25.9	A1268800259	25.9	A1796800259	25.9	A2157800259		
26.4	A1268800264	26.4	A1796800264	26.4	A2157800264		
26.9	A1268800269	26.9	A1796800269	26.9	A2157800269		
27.4	A1268800274	27.4	A1796800274	27.4	A2157800274		
28	A1268800280	28	A1796800280	28	A2157800280		
28.5	A1268800285	28.5	A1796800285	28.5	A2157800285		
29	A1268800290	29	A1796800290	29	A2157800290		
29.5	A1268800295	29.5	A1796800295	29.5	A2157800295		
30	A1268800300	30	A1796800300	30	A2157800300		
30.5	A1268800305	30.5	A1796800305	30.5	A2157800305		
31.1	A1268800311	31.1	A1796800311	31.1	A2157800311		
31.6	A1268800316	31.6	A1796800316	31.6	A2157800316		

Scegli la matrice da abbinare al punzone calcolando il gioco come da istruzioni a pag. 10

Choose the correct die for the required punch by selecting the clearance as indicated on page 10

Tu peux calculer le jeu entre poinçon/matrice suivant les instructions de page 10 et choisir la matrice

MATRICI TONDE A STOCK / STOCK ROUND DIES / MATRICES RONDES EN STOCK

A12957		A26371		A26371		A30216	
Ø	COD.	Ø	COD.	Ø	COD.	Ø	COD.
32.6	A1295700326	6.6	A2637100066	37.8	A2637100378	52	A3021600520
33.6	A1295700336	7.6	A2637100076	38.8	A2637100388	54	A3021600540
34.7	A1295700347	8.2	A2637100082	39.8	A2637100398		
35.7	A1295700357	8.7	A2637100087	40.8	A2637100408		
36.7	A1295700367	9.2	A2637100092	41.8	A2637100418		
37.8	A1295700378	9.7	A2637100097	43	A2637100430		
38.8	A1295700388	10.2	A2637100102	44	A2637100440		
39.8	A1295700398	10.7	A2637100107	45	A2637100450		
40.8	A1295700408	11.3	A2637100113	46	A2637100460		
41.8	A1295700418	11.8	A2637100118	47	A2637100470		
43	A1295700430	12.3	A2637100123	48	A2637100480		
44	A1295700440	12.8	A2637100128				
45	A1295700450	13.3	A2637100133				
46	A1295700460	13.8	A2637100138				
47	A1295700470	14.5	A2637100145				
48	A1295700480	15	A2637100150				
		15.5	A2637100155				
		16	A2637100160				
		16.5	A2637100165				
		17	A2637100170				
		17.7	A2637100177				
		18.2	A2637100182				
		18.7	A2637100187				
		19.2	A2637100192				
		19.7	A2637100197				
		20.2	A2637100202				
		20.7	A2637100207				
		21.2	A2637100212				
		21.8	A2637100218				
		22.3	A2637100223				
		22.8	A2637100228				
		23.3	A2637100233				
		23.8	A2637100238				
		24.3	A2637100243				
		24.9	A2637100249				
		25.4	A2637100254				
		25.9	A2637100259				
		26.4	A2637100264				
		26.9	A2637100269				
		27.4	A2637100274				
		28	A2637100280				
		28.5	A2637100285				
		29.5	A2637100295				
		30.5	A2637100305				
		31.6	A2637100316				
		32.6	A2637100326				
		33.6	A2637100336				
		34.7	A2637100347				
		35.7	A2637100357				
		36.7	A2637100367				

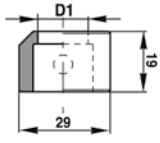
Scegli la matrice da abbinare al punzone calcolando il gioco come da istruzioni a pag. 10

Choose the correct die for the required punch by selecting the clearance as indicated on page 10

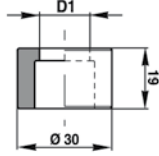
Tu peux calculer le jeu entre poinçon/matrice suivant les instructions de page 10 et choisir la matrice

MATRICI TONDE A STOCK / STOCK ROUND DIES / MATRICES RONDES EN STOCK

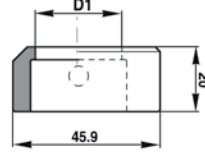
A29880



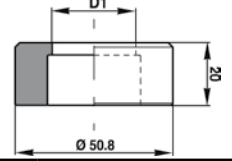
A29904



A29903



A29905



\emptyset	COD.	\emptyset	COD.	\emptyset	COD.	\emptyset	COD.
17	A2988000170	17	A2990400170	23.3	A2990300233	23.3	A2990500233

Scegli la matrice da abbinare al punzone calcolando il gioco come da istruzioni a pag. 10

Choose the correct die for the required punch by selecting the clearance as indicated on page 10

Tu peux calculer le jeu entre poinçon/ matrice suivant les instructions de page 10 et choisir la matrice

MATRICI TONDE A STOCK / STOCK ROUND DIES / MATRICES RONDES EN STOCK

A30491		A30537		A30538	
Ø	COD.	Ø	COD.	Ø	COD.
7.6	A3049100076				
8.2	A3049100082				
8.7	A3049100087				
9.2	A3049100092				
9.7	A3049100097				
10.2	A3049100102				
10.7	A3049100107				
11.3	A3049100113				
11.8	A3049100118				
12.3	A3049100123				
12.8	A3049100128				
13.3	A3049100133				
13.8	A3049100138				
14.5	A3049100145				
15	A3049100150				
15.5	A3049100155				
16	A3049100160				
16.5	A3049100165				
17	A3049100170				
17.7	A3049100177				
18.2	A3049100182				
18.7	A3049100187				
19.2	A3049100192				
19.7	A3049100197				
20.2	A3049100200				
20.7	A3049100207				
21.2	A3049100212				
21.8	A3049100218				
22.3	A3049100223				
22.8	A3049100228				
23.3	A3049100233				
23.8	A3049100238				
24.3	A3049100243				
24.9	A3049100249				
25.4	A3049100254				
25.9	A3049100259				
26.4	A3049100264				
26.9	A3049100269				
27.4	A3049100274				
28	A3049100280				
28.5	A3049100285				
29	A3049100290				
29.5	A3049100295				
30	A3049100300				
30.5	A3049100305				
31.1	A3049100311				
31.6	A3049100316				
32.1	A3049100321				

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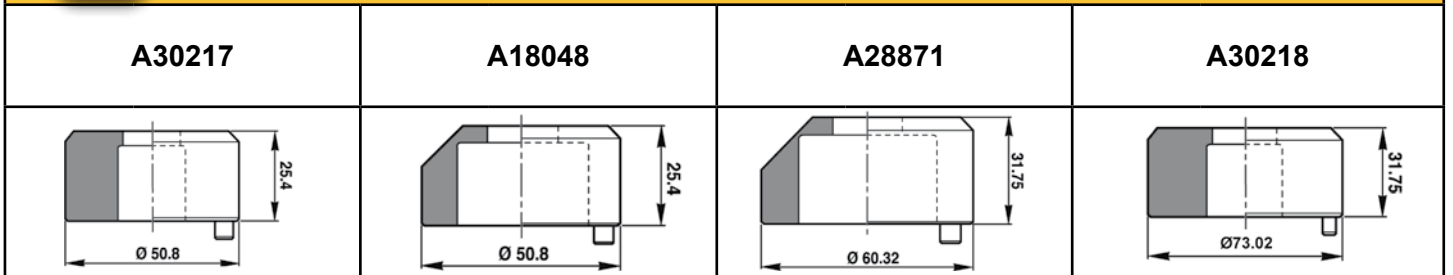
Disponibile
su richiesta
Available upon
request
Sur demande

Scegli la matrice da abbinare al punzone calcolando il gioco come da istruzioni a pag. 10

Choose the correct die for the required punch by selecting the clearance as indicated on page 10

Tu peux calculer le jeu entre poinçon/matrice suivant les instructions de page 10 et choisir la matrice

MATRICI OVALI A STOCK / STOCK OVAL DIES / MATRICES OBLONGUES EN STOCK



A30217		A18048		A28871		A30218	
Ø	COD.	Ø	COD.	Ø	COD.	Ø	COD.
10.7X30.7	A3021706107307	10.7X30.7	A1804806107307	10.7X30.7	A2887106107307		
11.8X30.8	A3021706118308	11.8X30.8	A1804806118308	11.8X30.8	A2887106118308		
12.8X30.8	A3021706128308	12.8X30.8	A1804806128308	12.8X30.8	A2887106128308		
13.8X30.8	A3021706138308	13.8X30.8	A1804806138308	13.8X30.8	A2887106138308		
15X27	A3021706150270	15X27	A1804806150270	15X27	A2887106150270		
15X31	A3021706150310	15X31	A1804806150310	15X31	A2887106150310		
17X31	A3021706170310	17X31	A1804806170310	15X36	A2887106150360		
18.2X31.2	A3021706182312	18.2X31.2	A1804806182312	17X31	A2887106170310		
19.2X27.2	A3021706192272	19.2X27.2	A1804806192272	17X33	A2887106170330		
19.2X31.2	A3021706192312	19.2X31.2	A1804806192312	18.2X31.2	A2887106182312		
20.2X31.2	A3021706202312	20.2X31.2	A1804806202312	19.2X27.2	A2887106192272		
21.2X31.2	A3021706212312	21.2X31.2	A1804806212312	19.2X31.2	A2887106192312		
23.3X31.3	A3021706233313	23.3X31.3	A1804806233313	19.2X33.2	A2887106192332		
27.4X31.4	A3021706274314	27.4X31.4	A1804806274314	19.2X36.2	A2887106192362		
				20.2X31.2	A2887106202312		
				21.2X31.2	A2887106212312		
				21.2X33.2	A2887106212332		
				23.3X31.3	A2887106233313		
				23.3X33.3	A2887106233333		
				27.4X31.4	A2887106274314		

Disponibile su richiesta
Available upon request
Sur demande

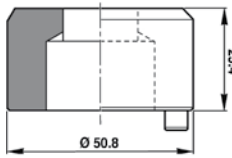
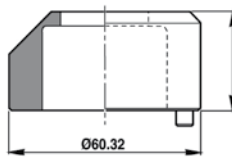
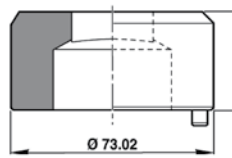
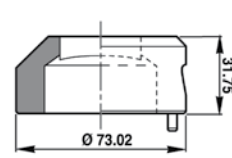


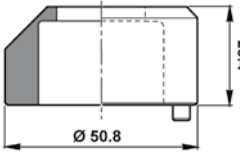
Scegli la matrice da abbinare al punzone calcolando il gioco come da istruzioni a pag. 10

Choose the correct die for the required punch by selecting the clearance as indicated on page 10

Tu peux calculer le jeu entre poinçon/matrice suivant les instructions de page 10 et choisir la matrice

SPINETTA / PIN / CLAVETTE INDEXAGE: COD. 71752021470

MATRICI QUADRE A STOCK / STOCK SQUARE DIES / MATRICES CARREES EN STOCK

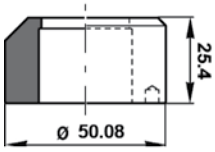
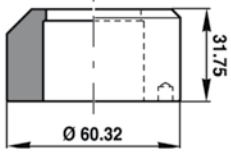
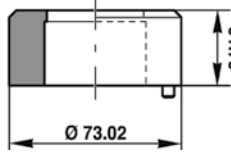
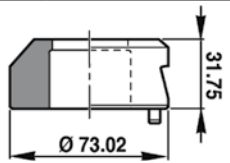



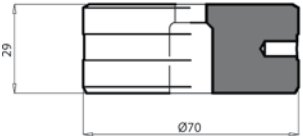
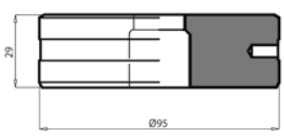


A30221		A27131		A30219		A28442	
							
Ø	COD.	Ø	COD.	Ø	COD.	Ø	COD.
		13.8	A2713102138			27.4	A2844202274
		22.3	A2713102223			33.6	A2844202336
							
		A19329					
							
Ø	COD.						
13.8	A1932902138						
22.3	A1932902223						
		SPINETTA / PIN / CLAVETTE INDEXAGE: COD. 71752021470					

Scegli la matrice da abbinare al punzone calcolando il gioco come da istruzioni a pag. 10

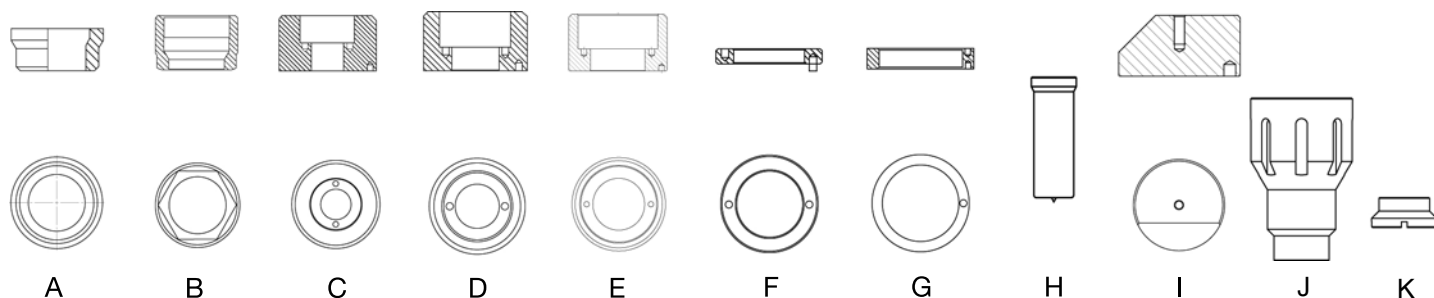
Choose the correct die for the required punch by selecting the clearance as indicated on page 10

Tu peux calculer le jeu entre poinçon/matrice suivant les instructions de page 10 et choisir la matrice

MATRICI RETTANGOLARI A STOCK / STOCK RECTANGULAR DIES MATRICES RECTANGULAIRES EN STOCK

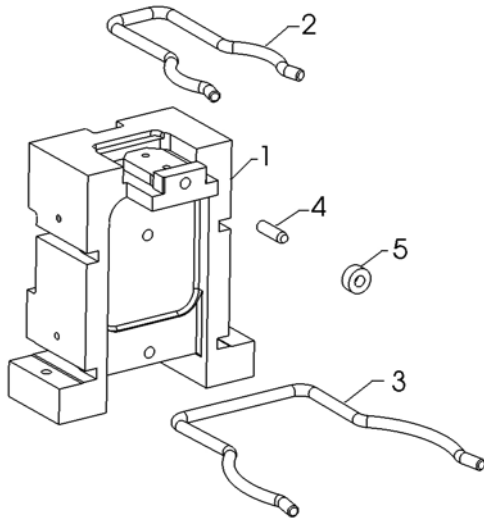
A29483		A30193		A30220		A27401	
							
Ø	COD.	Ø	COD.	Ø	COD.	Ø	COD.
						23.3X41.3	A2740104233413
							
A30873		A30874					
							
Ø	COD.	Ø	COD.				
							
SPINETTA / PIN / CLAVETTE INDEXAGE: COD. 71752021470							
							<p>Scegli la matrice da abbinare al punzone calcolando il gioco come da istruzioni a pag. 10</p> <p>Choose the correct die for the required punch by selecting the clearance as indicated on page 10</p> <p>Tu peux calculer le jeu entre poinçon/matrice suivant les instructions de page 10 et choisir la matrice</p>

DADI E RIDUZIONI / NUTS AND REDUCTIONS / ECROUS ET REDUCTIONS



	DESCRIZIONE / DESCRIPTION / DESCRIPTION	COD.	REF.
F504/8PS - F504PSN TIPO D4 / D8	Riduzione per punzone A23912 / Reduction for A23912 punch / Réduction pour poinçon A23912	1A2974200	A
	Dado bloccaggio punzone A26359 / Nut for punch A29359 / Ecrou blocage poinçon A26359	1A2782800	B
	Riduzione per matrice / Die reduction / Réduction pour matrice (90-50.8)	1A3050300	C
	Riduzione per matrice / Die reduction / Réduction pour matrice (73-50.8)	1A2726500	D
	Riduzione per matrice / Die reduction / Réduction pour matrice (90-73)	1A3050500	E
	Anello distanziale per matrice / Ring for die / Bague entretoise (73)	1A3050700	F
	Anello distanziale per matrice / Ring for die / Bague entretoise (90)	1A3050100	G
	Punzone per bulinatura / Center marking punch / Poinçon pour pointage *	A2832900	H
	Matrice per bulinatura / Center marking die / Matrice pour pointage *	A2832800	I
TIPO D2	Riduzione per punzone A23912 / Reduction for A23912 punch / Réduction pour poinçon A23912	1A2974200	A
	Dado bloccaggio punzone A26359 / Nut for punch A29359 / Ecrou blocage poinçon A26359	1A2782800	B
	Dado bloccaggio punz. per punz. oriz. / Nut for punch on horiz. punch. unit / Ecrou blocage poinçon pour ponçon. horizontale	171603800	B
TIPO D6	Dado bloccaggio punzone per punzonatrice verticale / Nut for punch on vertical punching unit / Ecrou blocage poinçon pour poinçonneuse verticale - Ø max 32 mm	172950100	J
	Distanziale per punzonatrice verticale / Spacing ring for vertical punching unit / Entretoise pour poinçonneuse verticale - Ø max 32 mm	172949700	K
	Dado bloccaggio punzone per punzonatrice verticale / Nut for punch on vertical punching unit / Ecrou blocage poinçon pour poinçonneuse verticale - Ø max 40 mm	172950000	J
	Distanziale per punzonatrice verticale / Spacing ring for vertical punching unit / Entretoise pour poinçonneuse verticale - Ø max 40 mm	172949900	K
	Dado bloccaggio punzone per punzon. orizzontale / Nut for punch on horizontal punching unit / Ecrou blocage poinçon pour poinçonneuse horizontale	172954300	J
Distanziale per punzonatrice orizzontale / Spacing ring for horizontal punching unit / Entretoise pour poinçonneuse horizontale	172954200	K	
P803P - P803PN LPP 803.2N	Dado bloccaggio punzone A26129 / Nut for punch A26129 / Ecrou blocage poinçon A26129	1A2496800	B
A124T / HP12T4 A162 / A162T / HP16T2 A164 / A164T / HP16T4 A166 / A166T / HP16T6	Dado bloccaggio punzone A23912-A26129 Nut for punch A23912-A26129 / Ecrou blocage poinçon A23912-A26129	1A3053900	B
	Dado bloccaggio punzone extra minimi A21922 / Nut for extra min. punch A21922 / Ecrou blocage poinçon mini A21922 *	1A2192300	B
TIPO B / B15 / B20 / B25 TIPO B161 / B251 / B164 / B254 TIPO C25 P51 - P81 - P803A - P113 P1101P - P1104P LPP 703 / 803 / 1003	Riduzione per punzone A18788 (con dado A27828) / Reduction for A18788 punch (with nut A27828) / Réduction pour poinçon A18788 (avec écrou A27828)	1A2637200	A
	Dado bloccaggio punzone A22084 / Nut for punch A22084 / Ecrou blocage poinçon A22084	1A2652700	B
	Dado bloccaggio punzone A26359 / Nut for punch A26359 / Ecrou blocage poinçon A26359	1A2782800	B
	Punzone per bulinatura / Center marking punch / Poinçon pour pointage * (solo per linee "P" / only for "P" lines / seulement pour lignes "P")	A2630800	H
	Matrice per bulinatura / Center marking die / Matrice pour pointage * (solo per linee "P" / only for "P" lines / seulement pour lignes "P")	A2969700	I
A152 A13.34N/NT - A15.34N/ NT LPA15.34N/NT	Dado bloccaggio punzone A23912 / Nut for punch A23912 / Ecrou blocage poinçon A23912	1A2355600	B
	Dado bloccaggio punzone extra minimi A21922 / Nut for extra min. punch A21922 / Ecrou blocage poinçon mini A21922 *	1A2192300	B
A16.34N/NT - A16.36N/NT A18.36N/NT - A20.36N/NT LPA 15.14 / 16 / 36 N/NT LPA20.36	Dado bloccaggio punzone standard / Nut for standard punch / Ecrou blocage poinçon standard	170256300	B
	Dado bloccaggio punzone extra minimi A21922 / Nut for extra min. punch A21922 / Ecrou blocage poinçon mini A21922 *	1A2192300	B
A204 / A204T / HP20T4 A206 / A206T / HP20T6	Dado bloccaggio punzone A08224 / Nut for punch A22084 / Ecrou blocage poinçon A22084	1A3065300	B
	Dado bloccaggio punzone extra minimi A21922 / Nut for extra min. punch A21922 / Ecrou blocage poinçon mini A21922 *	1A2192300	B

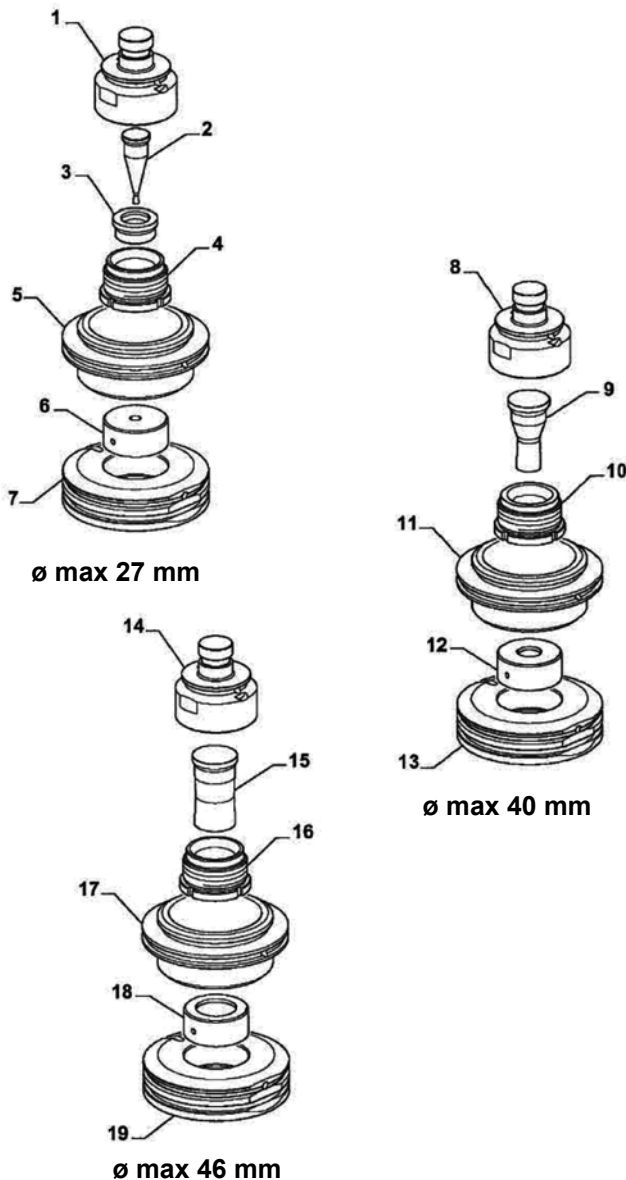
* se possibile sulla linea / if possible on the line / s'il est possible sur la ligne



GRUPPO PORTAUTENSILI TIPO B & C TOOL-HOLDER GROUP TIPO B & C GROUPE PORTE-OUTILS TIPO B & C

REF.	DESCRIZIONE / DESCRIPTION / DESCRIPTION	COD.	NR.
1	Corpo portautensili Tool-holder body Corps porte-outils	172732600	1
2	Molla / Spring / Ressort	173065900	1
3	Molla / Spring / Ressort	173066000	2
4	Spina / Dowel pin / Goupille	71752032520	3
5	Gommino / Rubber cap / Rondelle	173065600	3
Porta utensili completo / Complete punch-holder / Porte outils complet		L9GM04357	

GRUPPO PUNZONI PER TONDI STANDARD ADATTI PER TIPO B161 - B251 - B164 - B254 - C25 STANDARD ROUND PUNCHING GROUP SUITABLE FOR TIPO B161 - B251 - B164 - B254 - C25 GROUPE POINÇONS POUR RONDS STANDARD À UTILISER SUR TIPO B161 - B251 - B164 - B254 - C25



REF.	DESCRIZIONE / DESCRIPTION / DESCRIPTION	COD.	NR.
1	Portapunzone / Punch-holder / Porte-poinçon	173156900	1
2	Punzone tondo / Round punch / Poinçon rond (vedi pag. 8)	A1878800	1
3	Riduzione per punzone / Reduction for punch / Réduction pour poinçon	1A2637200	1
4	Ghiera / Ring nut / Collier	173157000	1
5	Premilamiera / stripper / presse-tôle	173157400	1
6	Matrice / Die / Matrice (vedi pag. 16)	A1295700	1
7	Portamatrice / Die-holder / Porte-matrice	173157200	1
8	Portapunzone / Punch-holder / Porte-poinçon	173156900	1
9	Punzone tondo / Round punch / Poinçon rond (vedi pag. 9)	A2208400	1
10	Ghiera / Ring nut / Collier	173157300	1
11	Premilamiera / stripper / presse-tôle	173157100	1
12	Matrice / Die / Matrice (vedi pag. 16)	A1295700	1
13	Portamatrice / Die-holder / Porte-matrice	173157200	1
14	Portapunzone / Punch-holder / Porte-poinçon	173156900	1
15	Punzone tondo / Round punch / Poinçon rond (vedi pag. 9)	A2635900	1
16	Ghiera / Ring nut / Collier	173157000	1
17	Premilamiera / stripper / presse-tôle	173157100	1
18	Matrice / Die / Matrice (vedi pag. 16)	A1295700	1
19	Portamatrice / Die-holder / Porte-matrice	173157200	1

* spessore max 20 mm - * max thickness 20 mm - * max épaisseur 20 mm

GRUPPO PUNZONI PER TONDI IN VERSIONE "TIPO C" ADATTI PER TIPO B161-B251-B164-B254-C16-C25
ROUND PUNCHING GROUP "TIPO C" VERSION SUITABLE FOR TIPO B161-B251-B164-B254-C16-C25
GROUPE POINÇ. POUR RONDS EN VERSION "TIPO C" À UTILISER SUR TIPO B161-B251-B164-B254-C16-C25

REF.	DESCRIZIONE / DESCRIPTION / DESCRIPTION	COD.	NR.
1	Punz. tondo / Round punch / Poinç. rond (vedi pag.10)	A3049300	1
2	Portapunzone / Punch-holder / Porte-poinçon	172647100	1
3	Premilamiera / stripper / presse-tôle Ø 35 mm	213903300	1
4	Matrice / Die / Matrice (vedi pag.18)	A3049100	1
5	Portamatrice / Die-holder / Porte-matrice Ø 70 mm	173065100	1
6	Punz. tondo / Round punch / Poinç. rond (vedi pag.10)	A3060400	1
7	Premilamiera / stripper / presse-tôle Ø 35 mm	213903300	1
8	Matrice / Die / Matrice (vedi pag.18)	A3049100	1
9	Portamatrice / Die-holder / Porte-matrice Ø 70 mm	173065100	1
10	Punz. tondo / Round punch / Poinç. rond (vedi pag.10)	A3060400	1
11	Premilamiera / stripper / presse-tôle Ø 65 mm	213891100	1
12	Matrice / Die / Matrice (vedi pag.18)	A3053700	1
13	Portamatrice / Die-holder / Porte-matrice Ø 95 mm	172647900	1
14	Punz. tondo / Round punch / Poinç. rond (vedi pag.10)	A3060400	1
15	Premilamiera / stripper / presse-tôle Ø 105 mm	213891000	1
16	Matrice / Die / Matrice (vedi pag.18)	A3053800	1
17	Portamatrice / Die-holder / Porte-matrice Ø 120 mm	172657400	1
18	Punz. tondo / Round punch / Poinç. rond (vedi pag.10)	A3060600	1
19	Premilamiera / stripper / presse-tôle Ø 105 mm	213891000	1
20	Matrice / Die / Matrice (vedi pag.18)	A3053800	1
21	Portamatrice / Die-holder / Porte-matrice Ø 120 mm	172657400	1

GRUPPO PUNZONE PER BULINATURA TIPO B161-B251-B164-B254-C16-C25
CENTER PUNCHING GROUP SUITABLE FOR TIPO B161-B251-B164-B254-C16-C25
GROUPE POINÇON POUR POINTAGE À UTILISER SUR TIPO B161-B251-B164-B254-C16-C25

REF.	DESCRIZIONE / DESCRIPTION / DESCRIPTION	COD.	NR.
1	Punzone per bulinatura / Center marking punch / Poinçon pour pointage	A3061200	1
2	Premilamiera / stripper / presse-tôle Ø 35 mm	213903300	1
3	Matrice per bulinatura / Center marking die / Matrice pour pointage	A3054900	1
4	Portamatrice / Die-holder / Porte-matrice Ø 95 mm	172647900	1

GRUPPO PUNZONI PER ALLINEAMENTO TIPO B161-B251-B164-B254-C16-C25
ALIGNMENT PUNCHING GROUP SUITABLE FOR TIPO B161-B251-B164-B254-C16-C25
GROUPE POINÇON POUR ALIGNEMENT À UTILISER SUR TIPO B161-B251-B164-B254-C16-C25

REF.	DESCRIZIONE / DESCRIPTION / DESCRIPTION	COD.	NR.
5	Punzone di allineamento / Alignment Punch / Poinçon pour alignement	A3060300	1
6	Matrice per allineamento / Alignment die / Matrice pour alignement	A3060500	1
7	Portamatrice / Die-holder / Porte-matrice	272657400	1

LAME A NASTRO PER SEGATRICI
BAND SAW BLADES
RUBAN POUR SCIE A BANDE



MODELLO SEGA / SAW MODEL / MODELE SCIE	DIMENSIONE / SIZE / DIMENSIONS	DESCRIZIONE / DESCRIPTION / DESCRIPTION	DENTATURA/ TOOTHING / DENTS	COD.
603 BH / SCS 60	6350X34X1.1	Lama/Blade/Ruban RX+ EHS	3 / 4	72810570240
		Lama/Blade/Ruban RX+ EHS	4 / 6	72810570250
KATANA 6	6350X34X1.1	Lama/Blade/Ruban ARMOR RX+	3 / 4	72810570246
1045 BH / SCS 100	7880X41X1.3	Lama/Blade/Ruban RX+ EHS	3 / 4	72810570170
		Lama/Blade/Ruban RX+ EHS	4 / 6	72810570180
KATANA 10	7880X41X1.3	Lama/Blade/Ruban ARMOR RX+ EHS	3 / 4	72810570171
		Lama/Blade/Ruban ARMOR RX+ EHS	4 / 6	72810570172
1150 BH / SCS 115	9920X54X1.6	Lama/Blade/Ruban RX+ EHS	3 / 4	72810570290
		Lama/Blade/Ruban RX+	4 / 6	72810570280
KATANA 11	9920X54X1.6	Lama/Blade/Ruban ARMOR RX+ EHS	3 / 4	72810570291
1260 BH / SCS 126 / KATANA 12	10500X67X1.6	Lama/Blade/Ruban RX+ EHS	3 / 4	72810570315
		Lama/Blade/Ruban RX+	4 / 6	72810570300
2060 BH / SCS 206 / KATANA 20	12100X67X1.6	Lama/Blade/Ruban RX+	3 / 4	72810570330
		Lama/Blade/Ruban RX+	4 / 6	72810570320

SPAZZOLA PER LAME SEGATRICI
BRUSH FOR SAW BLADES
BROSSE POUR LAMES DE SCIE

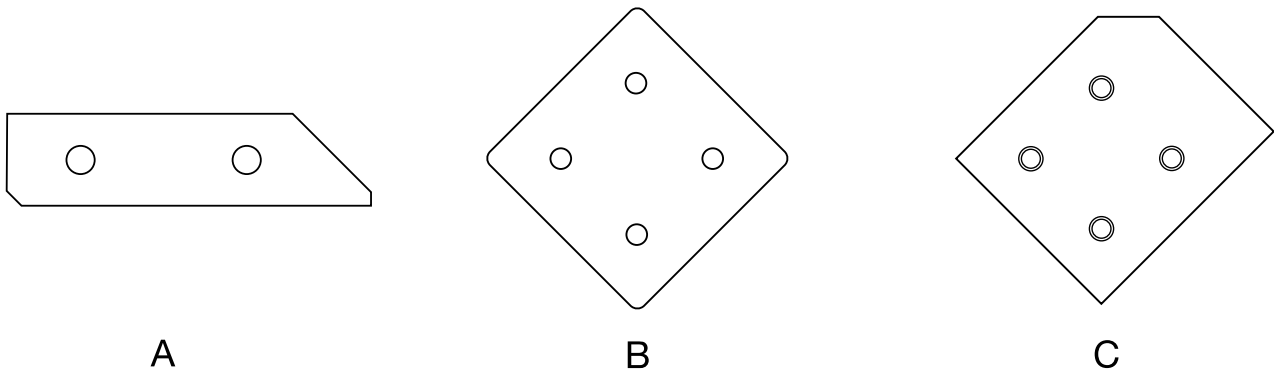
 		DESCRIZIONE / DESCRIPTION / DESCRIPTION	COD.	REF.
A	B	Spazzola per segatrice a nastro / Brush for band saw / Brosse pour scie à bande	272392800	A
		Spazzola per segatrici a disco "HP" / Brush for "HP" disc saw / Brosse pour scie à disque "HP"	72810890049	B

LAME A DISCO PER SEGATRICI
DISC SAW BLADE
LAME A DISQUE POUR SCIE






MODELLO SEGA / SAW MODEL / MODELE SCIE	DIMENSIONE / SIZE / DIMENSIONS	COD.
HP25T / HP35T	D. 560 - SP 3,4 / 2,8 - Z = 100	72810520600

LAME PER LINEE LAVORAZIONE DI ANGOLARI
BLADES FOR LINES PROCESSING OF ANGLES
LAMES POUR USINAGE DE CORNIERES

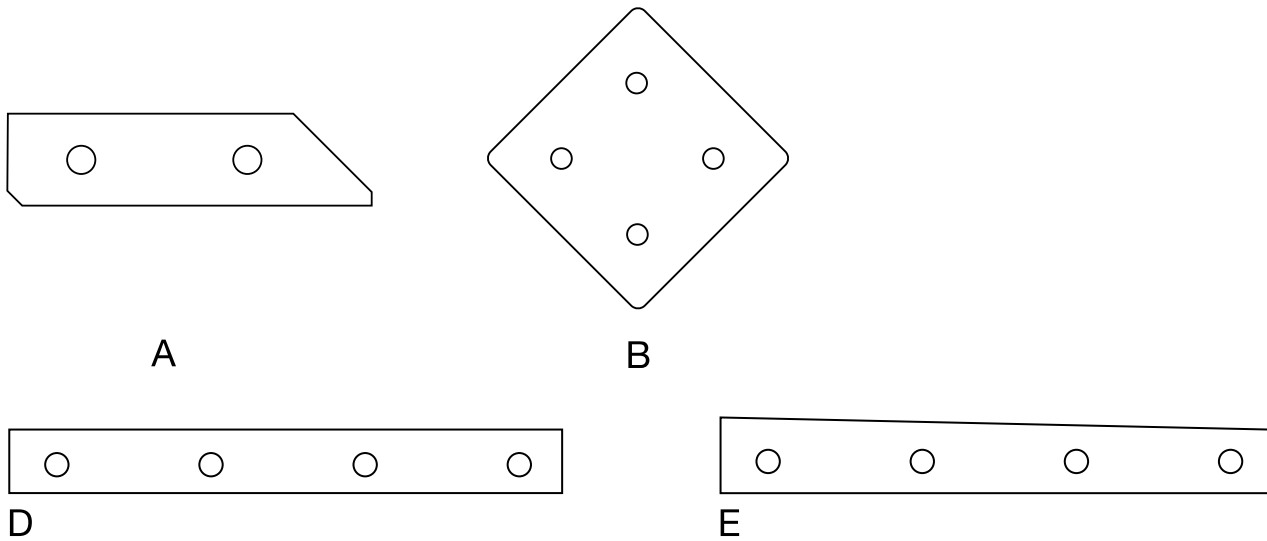


La scelta delle lame deve essere fatta in base al modello ed alla matricola della macchina. Per qualsiasi informazione Vi preghiamo di contattare il nostro Ufficio Utensili.
 The choice of the shearing blades have to be done in accordance with the machine model and serial number. Please check with our Tools Dept for any information.
 Les lames sont choisies suivant le modèle et la matricule de la machine. Pour d'autres informations nous vous prions de contacter notre Bureau Outils.









DIMENSIONE ANGOLARE / ANGLE SIZE / DIMENSIONS CORNIERE	QTY	DESCRIZIONE / DESCRIPTION / DESCRIPTION	COD.	REF.
 max 120x120 mm	2	Lama fissa / Fix blade / Lame fixe	1A3054100	A
	1	Lama mobile angolari / Mob. blade for angles / Lame mob. cornières	1A3029400	B
 max 160x160 mm	2	Lama fissa / Fix blade / Lame fixe	1A3054100	A
	1	Lama mobile angolari / Mob. blade for angles / Lame mob. cornières	1A3054000	B
	1	Lama mobile piatti / Mob. blade for flats / Lame mob. pour plats *	1A3054200	C
 max 200x200 mm	2	Lama fissa / Fix blade / Lame fixe	1A2546900	A
	1	Lama mobile angolari / Mob. blade for angles / Lame mob. cornières	1A2546800	B
	1	Lama mobile piatti / Mob. blade for flats / Lame mob. pour plats *	1A2905200	C

* se possibile sulla linea / if possible on the machine / S'il est possible sur la ligne

LAME PER LINEE PER LA LAVORAZIONE DI PIATTI
BLADES FOR LINES FOR THE PROCESSING OF FLATS
LAMES POUR LIGNES DE USAGE DE PLATS



La scelta delle lame deve essere fatta in base al modello ed alla matricola della macchina. Per qualsiasi informazione Vi preghiamo di contattare il nostro Ufficio Utensili.
 The choice of the shearing blades have to be done in accordance with the machine model and serial number. Please check with our Tools Dept for any information.
 Les lames sont choisies suivant le modèle et la matricule de la machine. Pour d'autres informations nous vous prions de contacter notre Bureau Outils.

DIMENSIONE PIATTO / FLAT SIZE / DIMENSIONS PLAT	QTY	DESCRIZIONE / DESCRIPTION / DESCRIPTION	COD.	REF.
TIPO D6  max 500 mm  max 160x160 mm	1	Lama fissa per piatti / Fix blade for flats / Lame fixe pour plats	1A3079000	D
	1	Lama mobile piatti / Mob. blade for flats / Lame mob. pour plats	1A3078900	D
	2	Lama fissa angolari / Fix blade for angles / Lame fixe pour cornières *	1A3080000	A
	2	Lama fissa angolari / Fix blade for angles / Lame fixe pour cornières *	1A3080100	A
	1	Lama mobile angolari / Mob. blade for angles / Lame mob. pour cornières *	1A3079900	B
F504PSN  max 510 mm  max 150x150 mm	2	Lama fissa e mobile per piatti / Fix and mob. blade for flats / Lame fixe et mob. pour plats	1A3048400	D
	1	Lama mobile minor deformazione / Lower deformation mob. blade / Lame mob. à mineur déformation	1BR000226	E
	2	Lama fissa angolari / Fix blade for angles / Lame fixe pour cornières *	1A2429100	A
	1	Lama mobile angolari / Mob. blade for angles / Lame mob. pour cornières *	1A2429000	B
TIPO D4  max 510 mm  max 150x150 mm	2	Lama fissa e mobile per piatti / Fix and mob. blade for flats / Lame fixe et mob. pour plats	1A3048400	D
	1	Lama mobile minor deformazione / Lower deformation mob. blade / Lame mob. à mineur déformation	1BR000226	E
	2	Lama fissa angolari / Fix blade for angles / Lame fixe pour cornières *	1A3054100	A
	1	Lama mobile angolari / Mob. blade for angles / Lame mob. pour cornières *	1A3054000	B
TIPO D8  max 510 mm  max 200x200 mm	2	Lama fissa e mobile per piatti / Fix and mob. blade for flats / Lame fixe et mob. pour plats	1A3048400	D
	1	Lama mobile minor deformazione / Lower deformation mob. blade / Lame mob. à mineur déformation	1BR000226	E
	2	Lama fissa angolari / Fix blade for angles / Lame fixe pour cornières *	1A3048500	A
	1	Lama mobile angolari / Mob. blade for angles / Lame mob. pour cornières *	1A3055600	B

* se possibile sulla linea / if possible on the machine / S'il est possible sur la ligne

PUNTE DI FORATURA
DRILL BITS
FORETS DE PERÇAGE



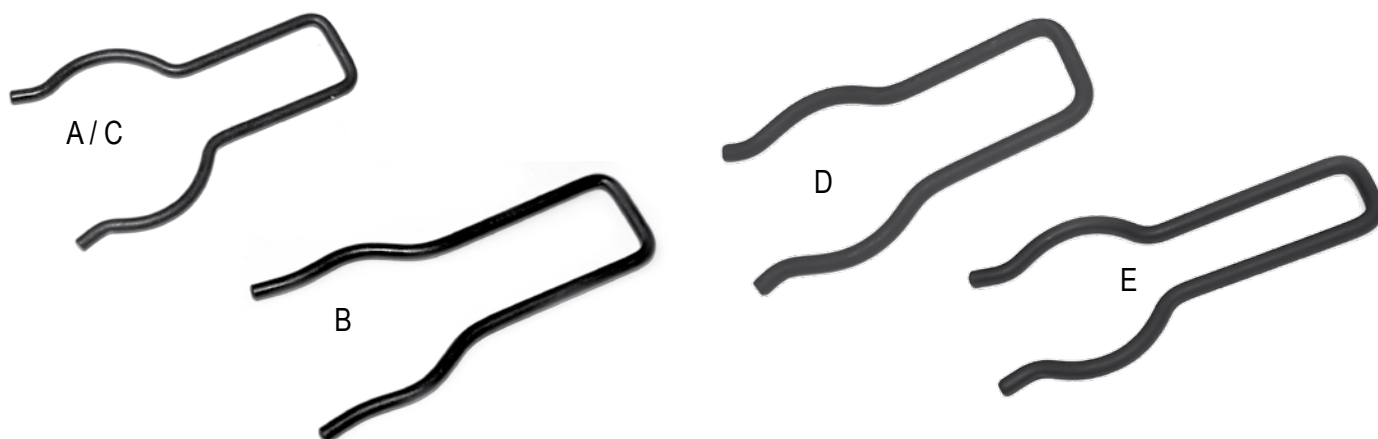
DESCRIZIONE / DESCRIPTION / DESCRIPTION	Ø mm	ATTACCO / CONNECTION / BRANCHEMENT	COD.	REF.
PUNTA ELICOIDALE HSS per lubrificazione esterna HSS TWIST DRILL for external lubrication FORET HELICOIDALE HSS Pour lubrification externe	3 ÷ 14	CM1	7960905+	A
	14,5 ÷ 23	CM2		
	23,5 ÷ 31,5	CM3		
	32 ÷ 40	CM4		
PUNTA ELICOIDALE HSS per lubrificazione interna HSS TWIST DRILL for internal lubrication FORET HELICOIDALE HSS Pour lubrification interne	10 ÷ 18	CM2	79609295+	A
	18,5 ÷ 26,5	CM3		
	27 ÷ 40	CM4		
PUNTA MODULARE A INSERTI MODULAR SHANK DRILL FORET MODULAIRE A INSERTS	12,5 ÷ 14	W16	72444155+	B
	14,5 ÷ 18	W20		
	18,5 ÷ 24	W25		
	24,5 ÷ 32	W32		
INSERTO PER PUNTA MODULARE INSERT BLADE FOR MODULAR DRILL INSERT POUR FORET MODULAIRE	12,5 ÷ 32	-	72444150+	B
GEMINI ENDEAVOUR PUNTA A INSERTI SHANK INSERT DRILL FORET MODULAIRE A INSERTS Ø 12,5 ÷ 24 m	12,5 ÷ 16	W20	79609260+	C
	16,5 ÷ 24	W32		
INSERTO / INSERT BLADE / INSERT N. 2 per ogni punta / for each drill / pour chaque foret			#2x 79372033	C
GEMINI ENDEAVOUR PUNTA A INSERTI SHANK INSERT DRILL FORET MODULAIRE A INSERTS Ø 24,5 ÷ 40 mm	24,5 ÷ 40	W32	79609250+	D
INSERTO / INSERT BLADE / INSERT N. 2 per ogni punta / for each drill / pour chaque foret			#1x 79371401+ #1x 79372032+	D

ATTACCHI E CONI PER PUNTE DI FORATURA
CONNECTIONS AND TAPERS FOR DRILLS
BRANCHEMENTS ET CONES POUR FORETS DE PERÇAGE

DESCRIZIONE / DESCRIPTION / DESCRIPTION	DIMENSIONE DIMENSION DIMENSIONS	LUNGHEZZA - mm LENGTH - mm LONGUEUR - mm	COD.
Attacco ISO45 con Cono Morse ISO45 connection with Morse Taper Branchement ISO 45 avec Cone Morse	CM3	120	L9GM04407
	CM4	170	L9GM04401
	CM4	270	L9GM04404
Attacco ISO45 con Cono Weldon ISO45 connection with Weldon Taper Branchement ISO 45 avec Cone Weldon 	W16	160	L9GM04540
	W20	160	L9GM04539
	W20	270	L9GM04611
	W25	160	L9GM04538
	W25	270	L9GM04612
	W32	160	L9GM04542
	W32	270	L9GM04613
Attacco HSK-A63 con Cono Morse HSK-A63 connection with Morse Taper Branchement HSK-A63 avec Cone Morse	CM3	210	L9GM05714
	CM4	180	L9GM05715
Attacco HSK-A63 con Cono Weldon HSK-A63 connection with Weldon Taper Branchement HSK-A63 avec Cone Weldon 	W16	290	L9GM05612
	W20	290	L9GM05614
	W25	220	L9GM05615
	W25	250	L9GM05616
	W32	220	L9GM05618
Attacco HSK-A80 con Cono Morse HSK-A80 connection with Morse Taper Branchement HSK-A80 avec Cone Morse	CM3	290	L9GM05821
	CM4	150	L9GM05717
Attacco HSK-A80 con Cono Weldon HSK-A80 connection with Weldon Taper Branchement HSK-A80 avec Cone Weldon 	CM4	190	L9GM05822
	W16	170	L9GM05594
	W16	250	L9GM05595
	W20	170	L9GM05596
	W20	250	L9GM05597
	W25	170	L9GM05598
	W25	250	L9GM05599
	W32	170	L9GM05600
	W32	230	L9GM03360
Attacco ISO40 con Cono Weldon ISO40 connection with Weldon Taper Branchement ISO40 avec Cone Weldon 	W32	270	L9GM06218
	W16	110	G9GM00290
	W16	160	G9GM00291
	W20	110	G9GM00292
	W20	160	G9GM00293
	W25	100	G9GM00294
	W25	160	G9GM00295
	W32	100	G9GM00296
	W32	160	G9GM00297
	W32	230	L9VM03240
Attacco ISO50 con Cono Weldon ISO50 connection with Weldon Taper Branchement ISO50 avec Cone Weldon 	W32	270	L9VM03340
	W25	110	G9GM00431
	W25	160	G9GM00432
	W32	100	G9GM00433
	W32	160	G9GM00434
	W40	100	G9GM00435
	W40	160	G9GM00436

Eventuali altre misure non a stock possono essere fornite su richiesta / Non-stock sizes can be eventually supplied upon request / D'autres dimensions éventuelles hors stock peuvent être fournies sur demande

MOLLE PER CAMBIO UTENSILI
TOOL-CHANGER SPRINGS
RESSORTS POUR CHANGEMENT D'OUTILS



DESCRIZIONE / DESCRIPTION / DESCRIPTION	COD.	REF.
Molla portautensili / Tool-holder spring / Ressort porte outil (ISO 45)	271258900 272803800	A B
Molla portautensili / Tool-holder spring / Ressort porte outil (HSK A80)	271258900	C
Molla portautensili / Tool-holder spring / Ressort porte outil (HSK A63)	275366100	D
Molla portautensili / Tool-holder spring / Ressort porte outil (ISO 40)	213863200	E

RICAMBI PER CAMBIO UTENSILE MANUALE
SPARES FOR MANUAL TOOL-CHANGER
RECHANGES POUR CHANGEMENT D'OUTILS MANUEL



A



B



C

DESCRIZIONE / DESCRIPTION / DESCRIPTION	COD.	REF.
Cambio rapido (lubrificazione esterna) / Quick change (external lubric.) / Changement rapide (lubr. externe)	72097015030	A
Cambio rapido (lubrificazione interna) / Quick change (internal lubric.) / Changement rapide (lubr. interne)	272036500	A
Adattatore CM3 / CM3 adapter / Adapteur CM3	72097003040	B
Adattatore CM4 / CM4 adapter / Adapteur CM4	72097003050	B
Set bussole riduzione CM1-CM4 / Kit of reduction sleeves CM1-CM4 / Jeu de douilles réduction CM1-CM4	L9GM02012	C

RIDUZIONI/PROLUNGHE PER PORTA-UTENSILI WELDON
REDUCTIONS/EXTENSIONS FOR WELDON TOOL-HOLDERS
REDUCTIONS/EXTENSIONS POUR PORTE-OUTILS WELDON



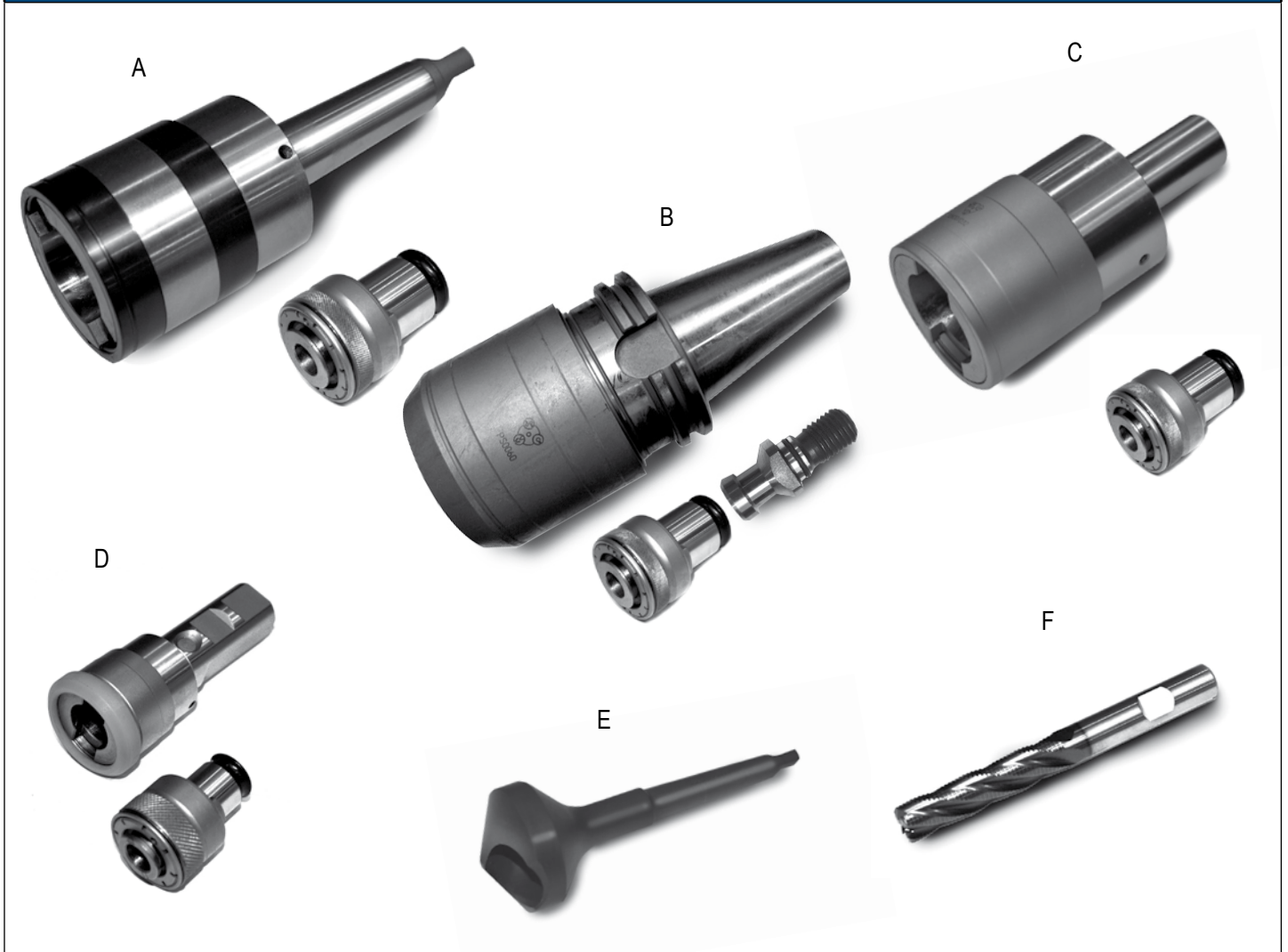
DESCRIZIONE / DESCRIPTION / DESCRIPTION	COD.
Set riduzioni W32-W16/W20/W25 / Kit of reductions W32-W16/W20/W25 / Jeu de réductions W32-W16/W20/W25	L9WM03380

UTENSILE SCRIBING
SCRIBING TOOL
OUTIL SCRIBING

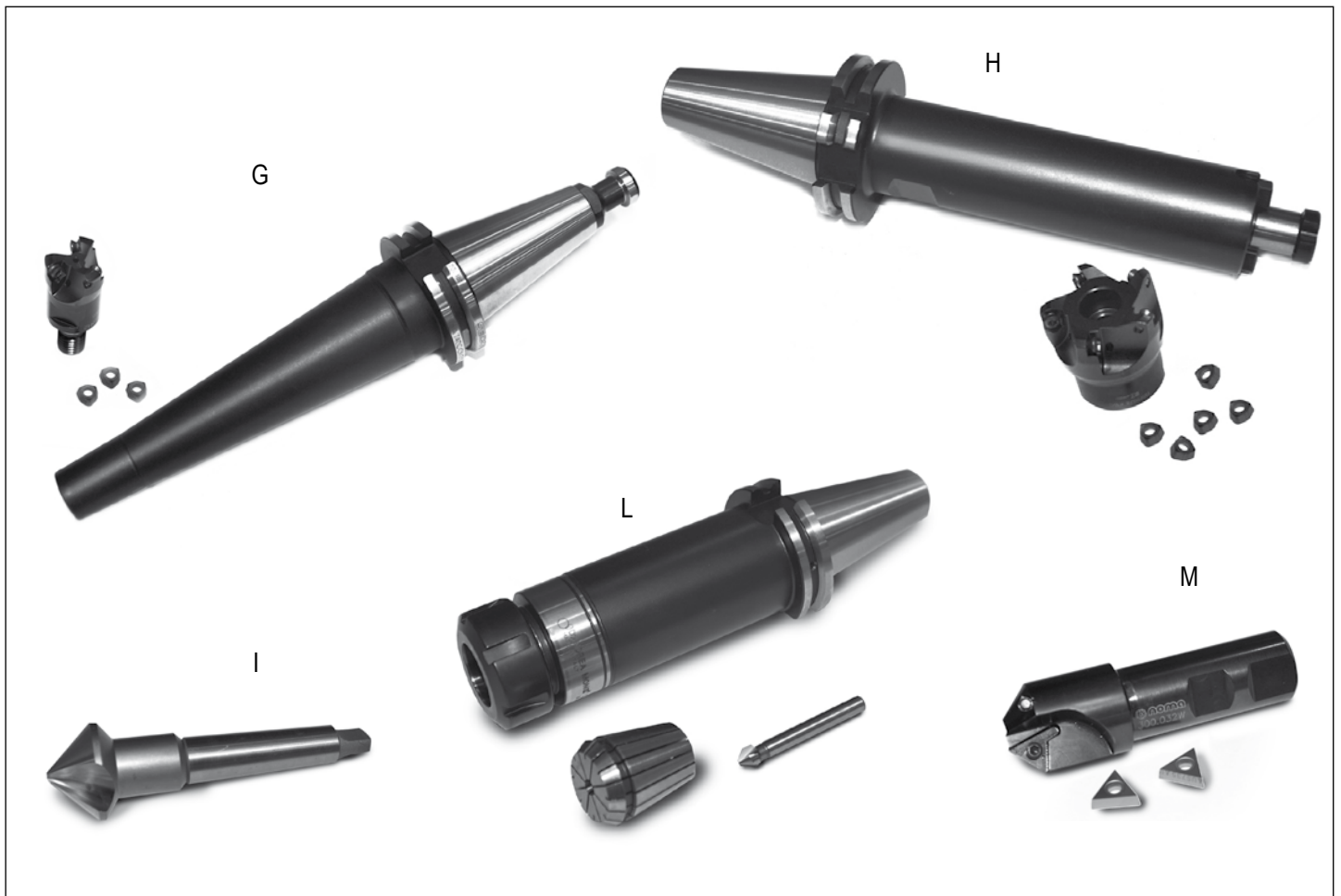


DESCRIZIONE / DESCRIPTION / DESCRIPTION	COD.	REF.
SCRIBING LATO SUPERIORE TRAVE / TOP SIDE SCRIBING / SCRIBING COTE SUPERIEUR *		
Utensile scribing ISO45 / Scribing tool ISO45 / Outil de scribing ISO45	L9GM04783	A
Utensile scribing ISO45 L=280 / Scribing tool ISO45 L=280/ Outil de scribing ISO45 L=280	L9GM04882	A
Utensile scribing ISO40 / Scribing tool ISO40 / Outil de scribing ISO40	G9GM00154	B
Utensile scribing ISO40 L=380 / Scribing tool ISO40 L=380 / Outil de scribing ISO40 L=380	L9WM03370	B
Utensile scribing ISO50 / Scribing tool ISO50 / Outil de scribing ISO50	G9GM00437	B
Utensile scribing HSK-A63 / Scribing tool HSK-A63/ Outil de scribing HSK-A63	L9GM05556	C
Utensile scribing HSK-A80/ Scribing tool HSK-A80/ Outil de scribing HSK-A80	L9GM05847	C
Placchetta per scribing lato superiore / Insert for topside scribing / Plaquette pour scribing côté supérieur	72444002000	-
* se la linea è dotata di dispositivo per operazioni di scribing/ if the machine is equipped with device for scribing operations / Si la machine est équipée avec dispositif pour opération de scribing		
SCRIBING ANIMA LATO INFERIORE TRAVE / UNDERSIDE WEB SCRIBING / SCRIBING DE L'AME COTE INFERIEUR **		
Set per scribing lato inferiore / Set for underside scribing / eu pour scribing côté inférieur	72444001245	D
Placchetta per scribing lato inferiore / Insert for underside scribing / Plaquette pour scribing côté inférieur	72444002010	-
Utensile per scribing inferiore / Tool for underside scribing / Outil pour scribing côté inférieur ENDEAVOUR	72444001647	E
** se la linea è dotata di dispositivo per operazioni di scribing anime lato inferiore / if the machine is equipped with device for underside web scribing operations / Si la machine est équipée avec dispositif pour opération de scribing de l'âme côté inférieur		

**UTENSILE DI MASCHIATURA / TAPPING TOOL / OUTIL A TARAUDER
 UTENSILE DI SBATURA / DEBURRING TOOL / OUTIL D'EVAVOURAGE
 UTENSILE DI FRESATURA / MILLING TOOL / OUTIL POUR FRAISER
 UTENSILE DI SVASATURA / COUNTERSINKING TOOL / OUTIL POUR EVASEMENT**



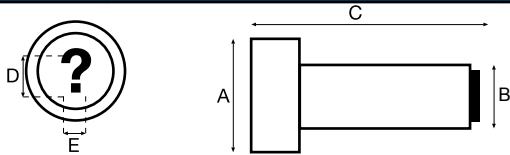
DESCRIZIONE / DESCRIPTION / DESCRIPTION	COD.	REF
Maschiatore M14 ÷ M33 adatto per Cono Morse 4 Tapping tool M14 ÷ M33 suitable for Morse Taper 4 Outil a tarauder M14 ÷ M33 pour Cone Morse 4	72444020500	A
TIPO B 164 & 254 Maschiatore M14 ÷ M33 + Cono Morse 4 (incluso) Tapping tool M14 ÷ M33 + Morse Taper 4 (included) Outil a tarauder M14 ÷ M33 + Cone Morse 4 (inclus)	G9GM00250	B
Maschiatore M14 ÷ M33 adatto per Weldon 32 Tapping tool M14 ÷ M33 suitable for Weldon 32 Outil a tarauder M14 ÷ M33 pour Weldon 32	79452802870	C
GEMINI Maschiatore M3 ÷ M12 + M14/M16 adatto per Weldon 25 Tapping tool M3 ÷ M12 + M14/M16 suitable for Weldon 25 Outil a tarauder M3 ÷ M12 + M14/M16 pour Weldon 25	79452802820	D
Utensile sbavatore MM.45-120GR (CM1) * Deburring tool MM.45-120GR (MT1) * Outil d'evavourage MM.45-120GR (CM1) * <i>*se possibile sulla linea / if possible on the line / s'il est possible sur la ligne</i>	2A1996900	E
Utensile di fresatura standard per foratrici (attacco Weldon) Standard milling tool for drilling lines (Weldon taper) Outil pour fraiser standard pour lignes de perçage (cone Weldon)	79252820+	F



DESCRIZIONE / DESCRIPTION / DESCRIPTION		COD.	REF
GEMINI	Kit di fresatura standard per GEMINI HP/HD (Ø 25mm) Standard milling kit for GEMINI HP/HD (Ø 25mm) Kit pour fraiser standard pour GEMINI HP/HD (Ø 25mm)	G9GM00419 79253724160 79371192150 (x3)	G
GEMINI	Kit di fresatura standard per GEMINI HD/XD (Ø 42mm) Standard milling kit for GEMINI HD/XD (Ø 42mm) Kit pour fraiser standard pour GEMINI HD/XD (Ø 42mm)	G9GM00420 79253724420 79371192150 (x5)	H
	Utensili di svasatura per foratrici (Cono Morse) Countersinking tool for for drilling lines (Morse Taper) Outil pour évasement pour lignes de perçage (Cone Morse)	7244405+	I
GEMINI	Kit di svasatura per GEMINI con porta utensile, chiave e pinza Countersinking kit for GEMINI with tool-holder, key and pincher Kit pour évasement pour GEMINI avec porta-outil, clé et pinche	G9GM00416 79610629360 79611081+ 7975803+	L
ENDEAVOUR	Utensile di svasatura a inserti per ENDEAVOUR Countersinking tool with inserts for ENDEAVOUR Outil pour évasement avec inserts pour ENDEAVOUR	792512309+ 793710612+ (x2)	M

Note: Per qualsiasi informazione Vi preghiamo di contattare il ns Ufficio Utensili.
For additional information kindly contact our Tools Dept.
Pour des informations supplémentaires nous vous prions de contacter notre Bureau Outils.

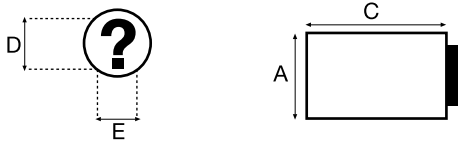
CARATTERI DI MARCATURA PER MARCATRICI A DISCO
MARKING CHARACTERS FOR DISC MARKING UNITS
CARACTERES DE MARQUAGE POUR MARQUEUSE A DISQUE



LOW STRESS LOW STRESS LOW STRESS LOW STRESS LOW STRESS

Caratteri speciali "LOW STRESS" disponibili su richiesta
 Special "LOW STRESS" characters available upon request
 Caracteres speciaux "LOW STRESS" disponibles sur demande

MOD.	A (Ømm)	B (Ømm)	DxE (mm)	C (mm)	DESCRIZIONE / DESCRIPTION / DESCRIPTION	COD.
A29758	25	18	11x6	80	Serie 26 lettere / Set of 26 letters / Jeu 26 lettres	79612920110
					Serie 10 numeri / Set of 10 numbers / Jeu 10 numbers	79612920100
					Singolo pezzo / Single piece / Chaque pièce	7961292+
A30303	27.5	22	16x8	80	Serie 26 lettere / Set of 26 letters / Jeu 26 lettres	79612930110
					Serie 10 numeri / Set of 10 numbers / Jeu 10 numbers	79612930100
					Singolo pezzo / Single piece / Chaque pièce	7961293+

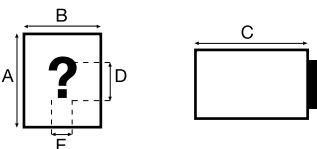


LOW STRESS LOW STRESS LOW STRESS LOW STRESS LOW STRESS

Caratteri speciali "LOW STRESS" disponibili su richiesta
 Special "LOW STRESS" characters available upon request
 Caracteres speciaux "LOW STRESS" disponibles sur demande

MOD.	A (Ømm)	DxE (mm)	C (mm)	DESCRIZIONE / DESCRIPTION / DESCRIPTION	COD.
A30492	22	16x8	23.5	Serie 28 lettere / Set of 28 letters / Jeu 28 lettres	79612930610
				Serie 10 numeri / Set of 10 numbers / Jeu 10 numbers	79612930600
				Singolo pezzo / Single piece / Chaque pièce	7961293+
A30654	22	11x6	23.5	Serie 28 lettere / Set of 28 letters / Jeu 28 lettres	79612930710
				Serie 10 numeri / Set of 10 numbers / Jeu 10 numbers	79612930700
				Singolo pezzo / Single piece / Chaque pièce	7961293+

CARATTERI DI MARCATURA PER MARCATRICI A CASSETTO
MARKING CHARACTERS FOR MARKING UNITS WITH DRAWERS
CARACTERES DE MARQUAGE POUR MARQUEUSE A TIROIR



LOW STRESS LOW STRESS LOW STRESS LOW STRESS LOW STRESS

Caratteri speciali "LOW STRESS" disponibili su richiesta
 Special "LOW STRESS" characters available upon request
 Caracteres speciaux "LOW STRESS" disponibles sur demande

MOD.	AxB (mm)	DxE (mm)	C (mm)	DESCRIZIONE / DESCRIPTION / DESCRIPTION	COD.
TIPO 21	15x10	10x5	30	Serie 26 lettere / Set of 26 letters / Jeu 26 lettres	79612211011
				Serie 10 numeri / Set of 10 numbers / Jeu 10 numbers	79612211000
				Singolo pezzo / Single piece / Chaque pièce	7961221+
TIPO 22	20x12	16x8	30	Serie 26 lettere / Set of 26 letters / Jeu 26 lettres	79612221011
				Serie 10 numeri / Set of 10 numbers / Jeu 10 numbers	79612221000
				Singolo pezzo / Single piece / Chaque pièce	7961222+
TIPO 23	20x15	12.5x6	30	Serie 26 lettere / Set of 26 letters / Jeu 26 lettres	79612231011
				Serie 10 numeri / Set of 10 numbers / Jeu 10 numbers	79612231000
				Singolo pezzo / Single piece / Chaque pièce	7961223+
TIPO 30	14x10	11x6	19	Serie 26 lettere / Set of 26 letters / Jeu 26 lettres	79612301020
				Serie 10 numeri / Set of 10 numbers / Jeu 10 numbers	79612301000
				Singolo pezzo / Single piece / Chaque pièce	7961230+
TIPO 31	20x12	16x8	19	Serie 26 lettere / Set of 26 letters / Jeu 26 lettres	79612311011
				Serie 10 numeri / Set of 10 numbers / Jeu 10 numbers	79612311000
				Singolo pezzo / Single piece / Chaque pièce	7961231+

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