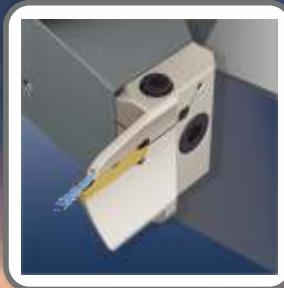


PLANET®
system



COMMAND
TOOL



ModulTURN
System

ModulCUT
System

Sistema di Tornitura e Troncatura Modulare



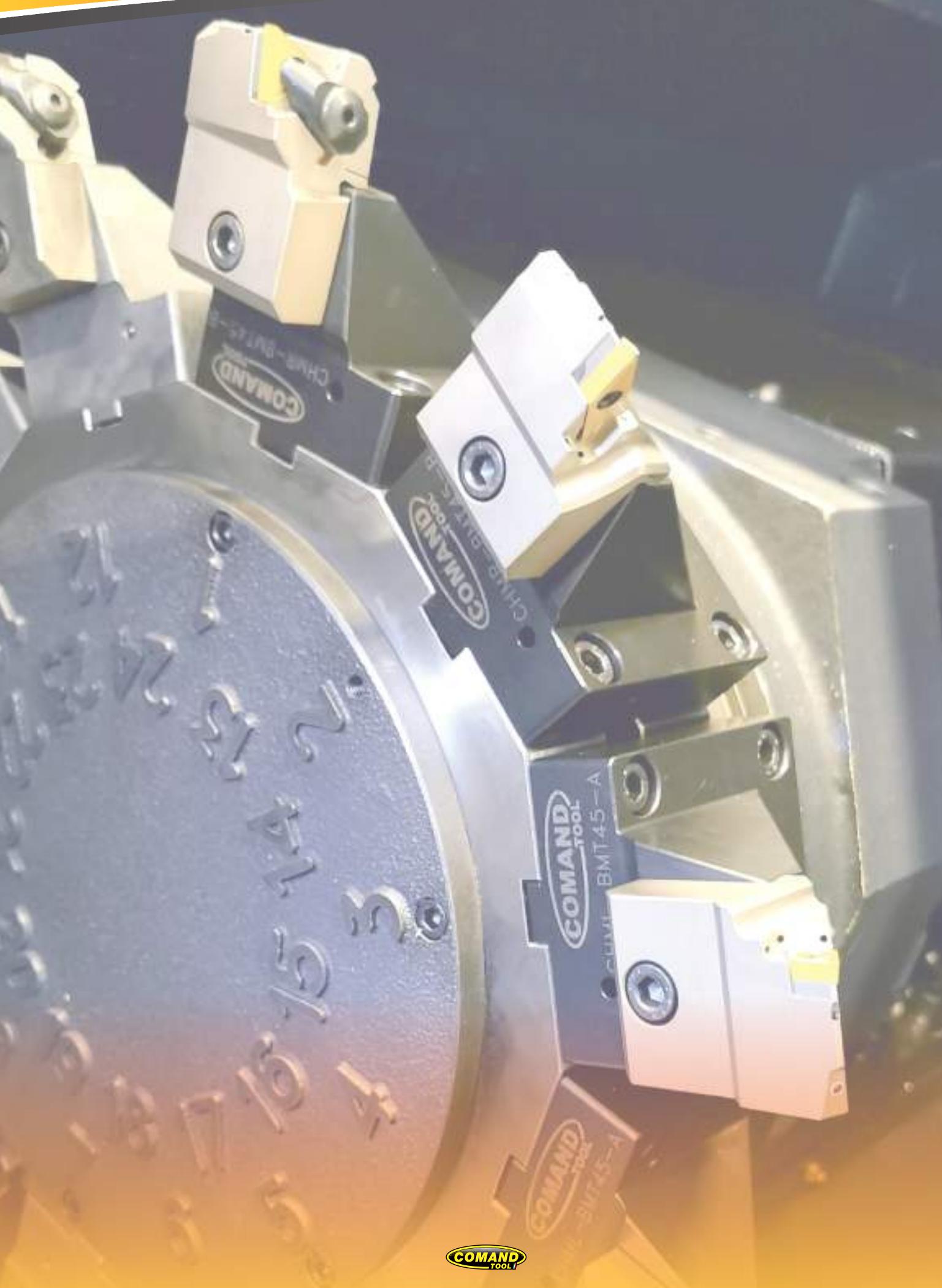


ModulTURN
System



ModulCUT
System





The logo for Comand Tool, featuring the word "COMAND" in a bold, black, sans-serif font inside an oval border, with "TOOL" in a smaller, black, sans-serif font below it, accompanied by a small Italian flag icon.

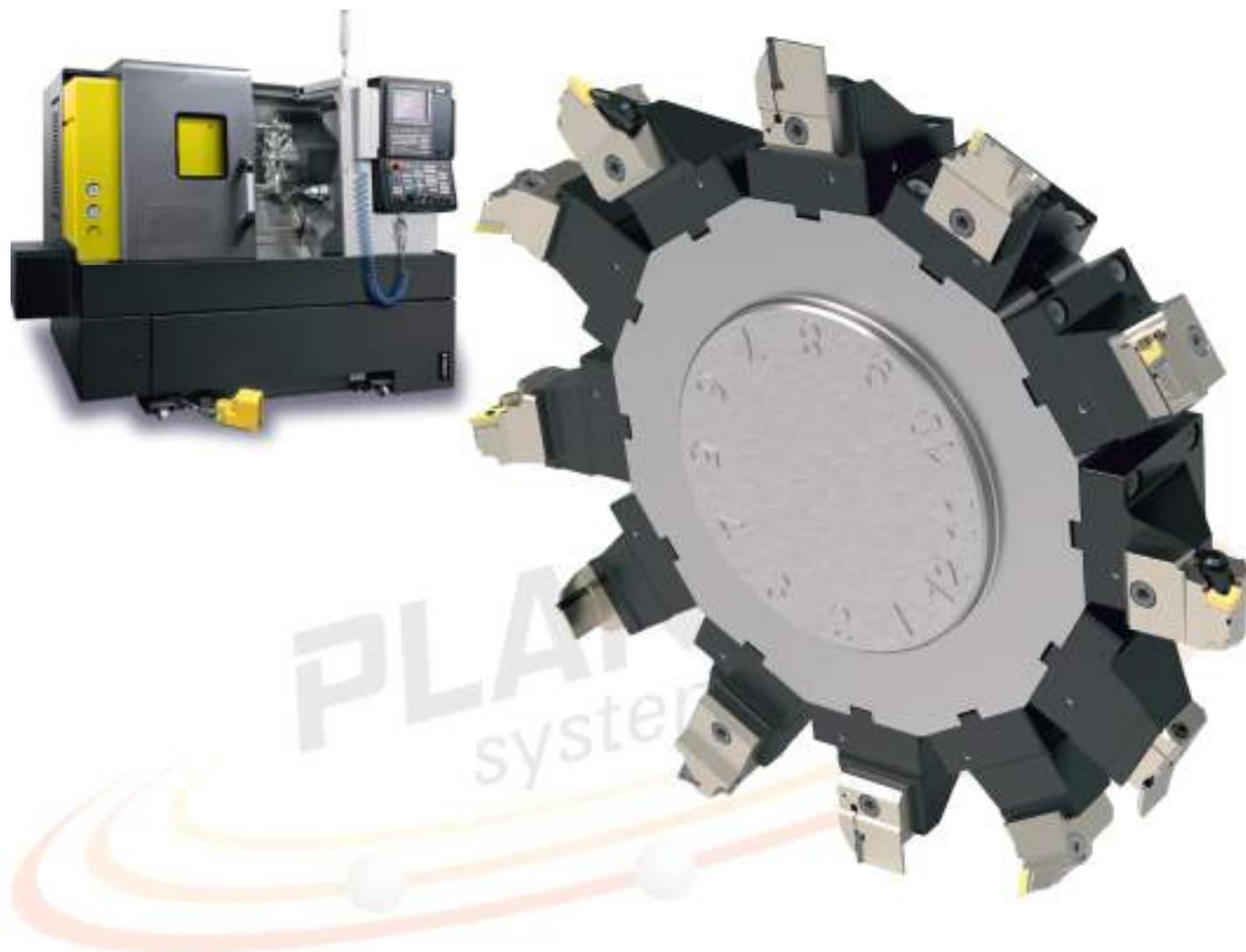


OTTIMIZZAZIONE DEL PROCESSO PRODUTTIVO

L'utilizzo di un sistema a cambio rapido sui torni a CNC è uno degli obiettivi per ridurre i costi di produzione, necessario per **facilitare le operazioni di misurazione, set-up e cambio utensili**, aumentando di conseguenza la produttività. COMAND TOOL, per ottenere tutto questo, ha creato la nuova tecnologia *PLANET System*, ottimizzandola con i vari sistemi di cartucce *MTS* e *MCS* complete di adduzione refrigerante, grazie al nostro sistema *ACQUASTREAM*.

PRODUCTION PROCESS IMPROVEMENT

Using a quick change system on CNC lathes is one of the ways to **reduce production costs, speed up measuring processes and tool change set-up time**. Production levels are greatly increased. In order to reach this goal COMAND TOOL has developed *PLANET System* technology. This technology is optimized by using different *MTS* and *MCS* cartridge range. Every cartridge is equipped with *ACQUASTREAM* technology for a powerful and efficient coolant feed.





CHE COS'È?

Sistema di posizionamento con sfere calibrate di altissima precisione $\text{Ø} \pm 1 \mu$ ideato e perfezionato da COMAND TOOL

A COSA SERVE?

Nato per garantire un perfetto posizionamento della cartuccia senza la necessità di smontare il corpo portautensile dal tornio. Massima RIPETIBILITÀ e grande FLESSIBILITÀ nel cambio delle cartucce sulla base.

QUALE SISTEMA DI CARTUCCE SI PUÒ UTILIZZARE?

Sul PLANET system è possibile utilizzare tutti i tipi di cartucce presenti nei sistemi MTS e MCS.

WHAT IS IT?

High precision cartridge positioning system created by COMAND TOOL. System is based on the use of calibrated spheres (precision $\pm 1\mu$ diameter) for an extremely accurate setting.

WHAT IS IT USED FOR?

Designed to allow cartridge change without having to remove the tool from the basement on the lathe turret. Features great REPEATABILITY and FLEXIBILITY in cartridge type change.

WHICH CARTRIDGE SYSTEM CAN BE USED?

On the PLANET system you can use all types of cartridges in the MTS and MCS systems.



Vista laterale accoppiamento base - cartuccia
Side view of base - cartridge coupling



Vista frontale accoppiamento base - cartuccia
Front view of base - cartridge coupling



CAMBIO RAPIDO

Meno tempo per passare da un tipo di utensile ad un altro: da 10 min con un utensile a stelo ad 1 min con *PLANET System*

COME FUNZIONA?

Con una sola vite di blocco/sblocco è possibile cambiare la cartuccia mantenendo il corpo in posizione nel portautensili. I vantaggi di questo sistema sono molteplici.

QUICK CHANGE

Less time to switch from a type of tool to another: from 10 min with generic tool to 1 min with PLANET System

HOW DOES IT WORK?

By acting on a single locking/unlocking screw it is possible to change the cartridge type without losing insert position and alignment. Here are some of the advantages of the system.



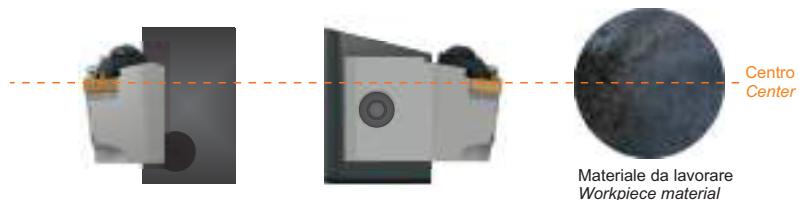
Cambio di un utensile **Planet system**
Planet system tool change

Cambio di un utensile generico
Generic tool change



VANTAGGI / ADVANTAGES :

- **Posizione costante**
Fixed positioning
- **Ripetibilità garantita**
Guaranteed repeatability
- **Singola vite per montaggio / smontaggio**
Only one locking / unlocking screw
- **Flessibilità di lavorazione con cartucce modulari**
Flexibility in working with different modular cartridge
- **ModulTURN System (MTS)**
ModulCUT System (MCS)



Possibilità di utilizzare il PLANET System sia in presenza di un sistema METRICO che in POLLICI

Possibility to use the PLANET System both in METRIC and INCHES



A destra alcuni esempi di diverse cartucce da montare su uno stesso corpo modulare
On the right some examples of different cartridges to be mounted on the same modular holder

Le immagini sono puramente a scopo illustrativo
Pictures are for illustrative purposes only

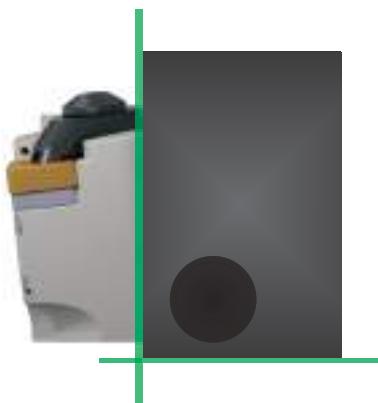


VANTAGGI CON LA PRESENZA DELL'O-RING

O-Ring con durezza calibrata per garantire un perfetto accoppiamento sui tre punti di contatto tra sfere e cartuccia, l'allineamento è sempre preciso. La presenza dell'O-Ring funge anche da elemento smorzante, diminuendo possibili risonanze di lavorazione per una maggiore qualità di finitura.

ADVANTAGE WITH O-RING

Calibrated hardness O-Ring guarantees that there are always three contact points between cartridge and tool body for perfect alignment. The O-ring also helps reduce any possible machining vibrations for an improved workpiece quality.



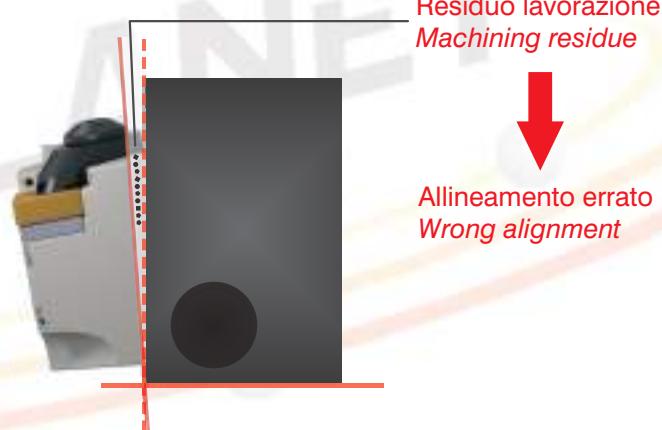
Allineamento perfetto
Perfect alignment

SVANTAGGI SENZA LA PRESENZA DELL'O-RING

Senza O-Ring si correrebbe il rischio di non avere la cartuccia perfettamente allineata con il corpo perché i piccoli residui delle lavorazioni e la polvere impedirebbero il perfetto contatto dei tre punti.

WITHOUT O-RING

Without O-ring, cartridge and tool-body pairing might be compromised due to chips and machining residue build up in between.



Residuo lavorazione
Machining residue

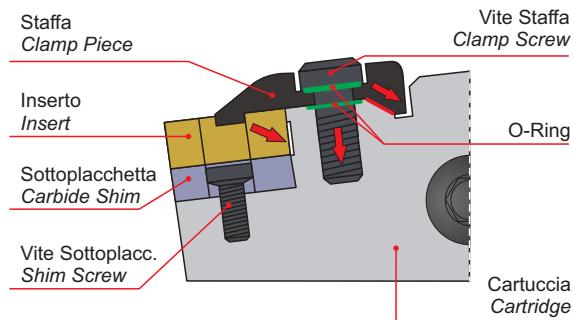
Allineamento errato
Wrong alignment

Sistema Doppio Bloccaggio **D-System**

Double Clamping System

Il sistema a doppio bloccaggio, spinge l'inserto simultaneamente verso il basso e verso la parete della sede inserto, ottenendo così uno staffaggio sicuro e rigido.

The double-clamping system simultaneously pushes an insert downward and draws it into the contact faces to achieves secure and rigid clamping.



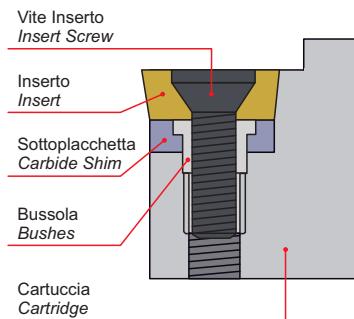
Sistema di Bloccaggio utilizzato per le cartucce con staffa
Clamping system used for cartridges with clamp

Sistema Bloccaggio **S-System**

Screw Clamping System

Il sistema a vite S-System blocca l'inserto verso il basso e la parete dell'utensile. Utilizzato esclusivamente per inserti positivi, garantisce una buona evacuazione del truciolo e lavorazione di tornitura di profili.

The screw S-System clamps the insert downward and towards the walls of the insert pocket. It is recommended for positive insert only. It guarantees a good chip removal process and outline turning machining.



Sistema di Bloccaggio utilizzato per le cartucce prive di staffa
Clamping system used for clampless cartridges



TECNOLOGIA DI CONTATTO ADATTATIVA

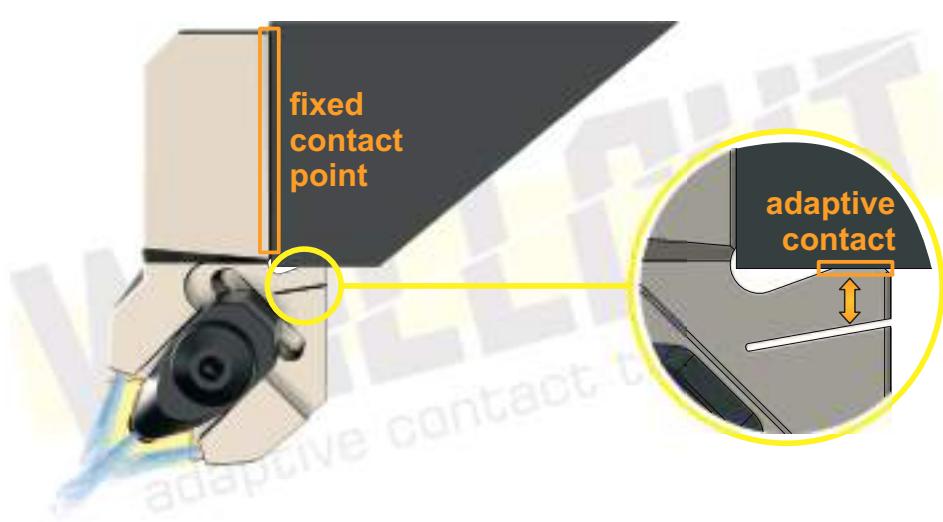
Per migliorare le prestazioni di una macchina utensile è necessario utilizzare gli utensili corretti per ottenere le migliori performance possibili con riduzioni dei relativi costi finali. Il miglioramento è ottenuto grazie all'aumento delle velocità di taglio, alla riduzione del numero di passate, alla velocità nel cambio utensile e del suo set-up.

La **COMAND TOOL** ha concentrato tutte queste caratteristiche in un solo utensile, grazie all'utilizzo del sistema **WALLCUT**. Questo **sistema brevettato** garantisce un perfetto accoppiamento tra utensile (cartuccia) e portautensile (base), che permette l'utilizzo della "tecnologia di contatto adattativa".

ELASTICITÀ, SOLIDITÀ, STABILITÀ

La speciale conformazione del corpo in prossimità della fessura, rende la cartuccia elastica e solida al tempo stesso. Quando questa viene sottoposta ad una forza, la superficie adattativa si posiziona nella condizione di lavoro ideale, garantendo stabilità e robustezza all'intero sistema.

Gli utensili tradizionali potrebbero non resistere a lavorazioni pesanti, lo spostamento e il cambio di posizione causerebbero rotture e tempi di fermo macchina. Grazie al sistema **WALLCUT** non correrete più questi rischi, aumentando la vita dell'utensile e la sicurezza nel suo utilizzo.



ADAPTIVE CONTACT TECHNOLOGY

To improve the performance of a machine tool it is necessary to use the correct tools to obtain the best possible performance with reductions in the relative final costs.

The improvement is achieved thanks to the increase in cutting speeds, the reduction in the number of passages, tool change speed and its set-up.

COMAND TOOL has gathered all these features in one tool, thanks to the use of the **WALLCUT** system.

This **patented system** guarantees a perfect coupling between tool (cartridge) and tool holder (base), which allows "adaptive contact technology" to provide maximum precision in all conditions.

ELASTICITY, STURDINESS, STABILITY

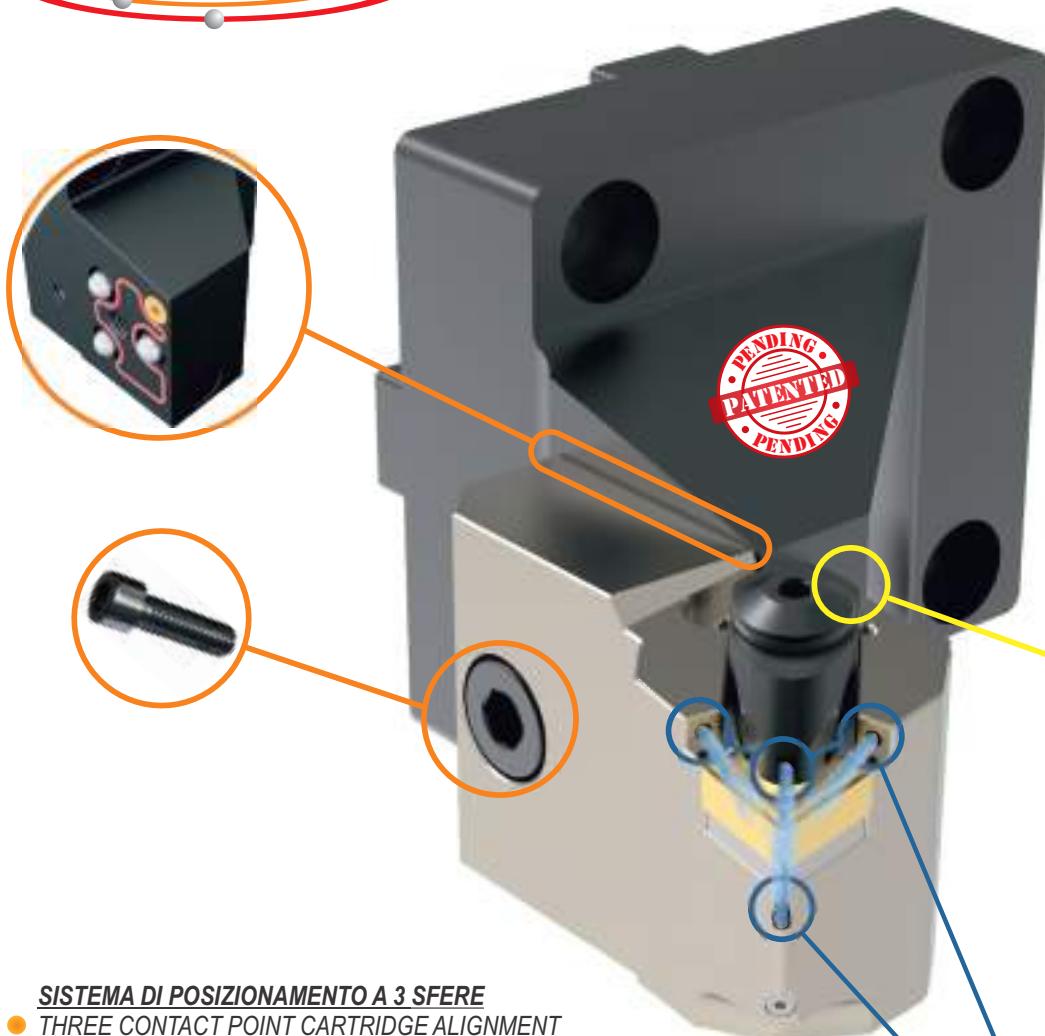
The special shape of the body near the slot makes the cartridge elastic and sturdy at the same time.

When this is subject to a force, the adaptive surface is pushed in the ideal working position, making the cartridge and base as a single body. This ensures stability and sturdiness of the entire system.

*Traditional tools might not withstand heavy machining: moving and changing positions would cause breakages and machine downtime. Thanks to the **WALLCUT** system, you will no longer take these risks, increasing tool life and safety in tool use instead.*

ModulTURN System

— MTS —



SISTEMA DI POSIZIONAMENTO A 3 SFERE

- THREE CONTACT POINT CARTRIDGE ALIGNMENT FOR ACCURATE POSITIONING
- UNA SOLA VITE PER UN CAMBIO RAPIDISSIMO
FAST, SINGLE SCREW, CARTRIDGE CHANGEOVER
- SOSTITUISCI LE CARTUCCE SENZA MAI PERDERE L'ALLINEAMENTO
NEVER LOSE ALIGNMENT DURING CHANGEOVER
- SCEGLI TRA OLTRE 20 CARTUCCE QUELLA PIÙ ADATTA ALLA TUA LAVORAZIONE
OVER 20 CARTRIDGES FOR YOUR MACHINING NEEDS
- RISULTATI DI FINITURA ECCEZIONALI
EXPECT GREAT RESULTS

MAGGIORE DURATA

- DELL'INSERTO
LONGER INSERT LIFE

MIGLIORAMENTO DELLA RIPETIBILITÀ

- DI POSIZIONAMENTO
MAXIMUM REPEATABILITY IN POSITIONING

MAGGIORE RIGIDITÀ

- DURANTE LA TORNITURA
MAXIMUM RIGIDITY DURING MACHINING

TAGLIO PER PRECARICO PER AUMENTARE LA RIGIDITÀ DEL SISTEMA DI BLOCCAGGIO

- PRELOAD CUTTING
TO INCREASE THE RIGIDITY
OF THE CLAMPING SYSTEM

AcquaStream
by COMAND TOOL

- EFFICIENTE SISTEMA REFRIGERANTE
HIGHLY EFFICIENT HP COOLANT FLOW

- ALTA PRESSIONE TESTATO FINO A 150 BAR
HIGH PRESSURE TESTED UP TO 150 BAR

Le cartucce **ModulTURN System** sono “smart”

ModulTURN System cartridges are “smart”

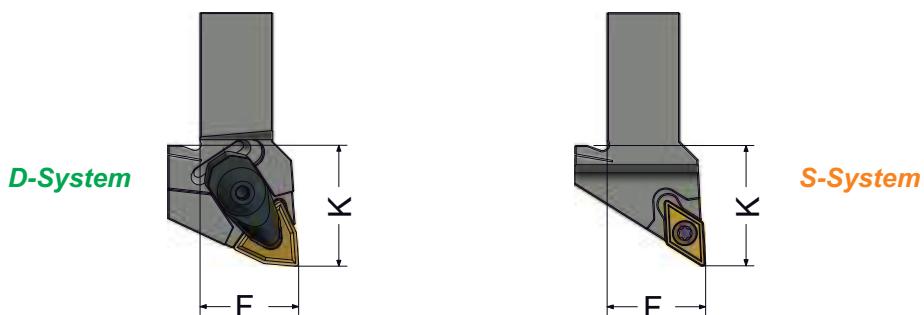
Tutte le cartucce, oltre ad essere intercambiabili sullo stesso corpo, presentano le medesime dimensioni in “F” e “K”. Esse sono infatti costruite con estrema precisione, mantenendo sempre le stesse tolleranze. Questo consente il cambio cartuccia senza dover smontare l’utensile sul tornio, mantenendo sempre il presetting inalterato e di conseguenza diminuendo il tempo in fase di set-up.

All cartridges, besides being interchangeable on the same body, have the same dimensions in “F” and “K”.

They are constructed to exact tolerance, guaranteeing less set-up time.

This allows the cartridge to be changed without having to remove the tool from the lathe, always keeping the same presetting.

$$F = 25 \text{ mm} \quad | \quad K = 30 \text{ mm}$$



* ad eccezione di / except MTS-SRDCL/R-08/12-A/B: F=20 | K=35

Scegli la tua base ideale

Pick the basements for your needs

BMT



VDI



DOOSAN “Static”



BIGLIA



Sistema Refrigerante **AcquaStream**

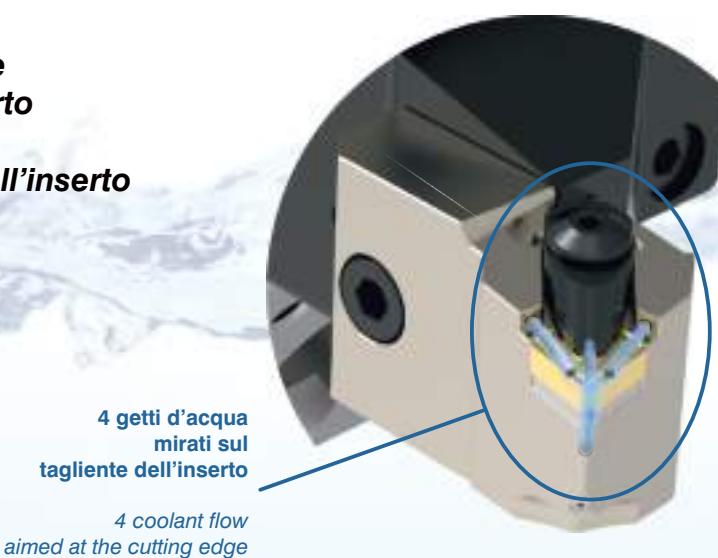
Cooling System

Passaggio refrigerante ad alta pressione (fino a 150 bar) per garantire la massima qualità di lavorazione con qualsiasi tipo di cartuccia e inserto utilizzato. Il getto di liquido refrigerante è posizionato in modo da agire sulla punta dell'inserto. Gli altri fori mantengono pulito il pezzo da lavorare

AcquaStream, high pressure cooling system (up to 150 bar) for maximum machining performance with any kind of cartridge and insert. The other through coolant keep the workpiece clean.

Vantaggi del Sistema AcquaStream / Advantages of the AcquaStream System

- **migliore evacuazione del truciolo**
 - **aumento della qualità di lavorazione**
 - **+200% incremento durata dell'inserto**
 - **temperatura costante**
 - **riduzione dell'attrito sul tagliente dell'inserto**
 - **migliori performance**
-
- *improved chip removal*
 - *improved machining quality*
 - *+200% increase of insert life*
 - *constant insert temperature*
 - *reduced friction on the cutting edge*
 - *better performance*



Senza / Without AcquaStream



Con / With AcquaStream

ModuLCUT System

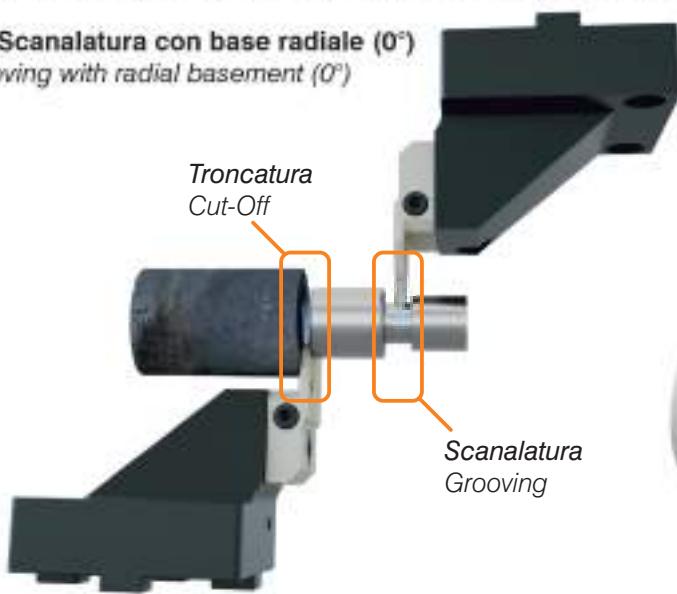
MCS

SISTEMA DI TRONCATURA E SCANALATURA MODULARE / MODULAR CUT-OFF AND GROOVING SYSTEM

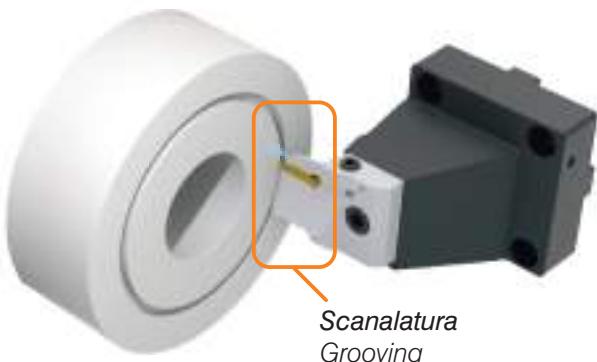
Posizione costante, Ripetitività garantita, Singola vite per montaggio / smontaggio

Fixed positioning, Guaranteed repeatability, Only one locking / unlocking screw

Troncatura/Scanalatura con base radiale (0°)
Cut-Off/Grooving with radial basement (0°)



Scanalatura con base assiale (90°)
Grooving with axial basement (90°)

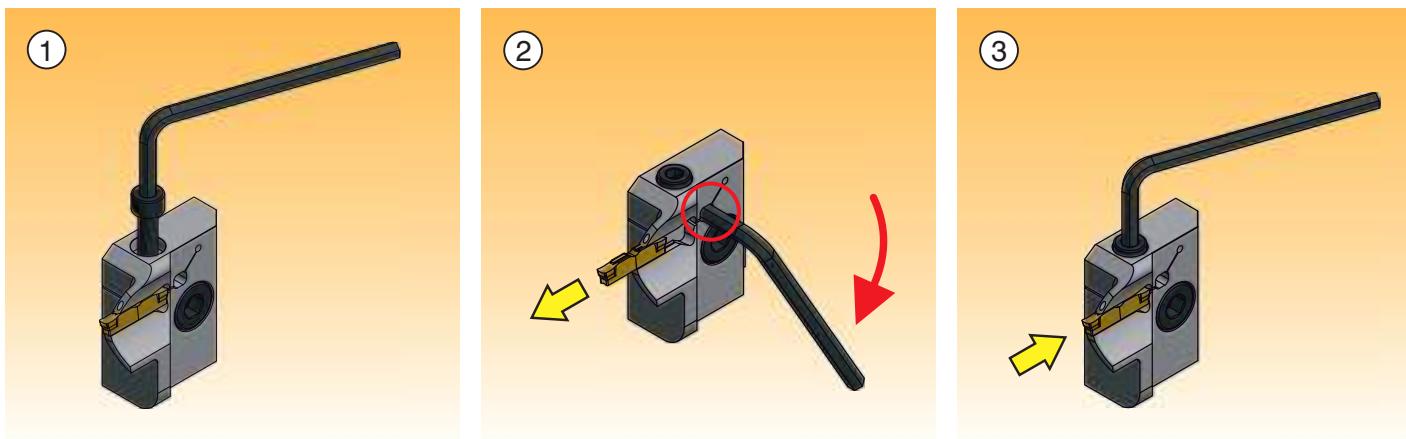


A.P.S.

consigli per posizionamento e bloccaggio inserto

A.P.S. System: positioning and locking insert guide

CCG... / CCF... Cartucce / Cartridge



- ① Svitare la vite sopra con l'apposita chiave / Unlock the top screw using the key provided.
- ② Posizionare la stessa chiave nella sede. Ruotare la chiave per sbloccare la sede per rimuovere e sostituire l'inserto.
Place the same key in the "pocket." Turn and hold the key to loosen the pocket. Remove and replace the insert.
- ③ Ora rimuovere la chiave dalla sede e bloccare l'inserto avvitando la vite sopra.
Now remove the key from the pocket and secure the insert by firmly locking the top screw.

V-lock² e .A.P.S.

Sistemi di Bloccaggio Inserto / Insert Locking System

Una sede inserto non precisa potrebbe compromettere il corretto inserimento, e conseguente bloccaggio, di un inserto nell'apposita cartuccia o utensile.

Se la sede fosse troppo larga l'inserto avrebbe maggiori possibilità di movimento, andando così a pregiudicarne il posizionamento nel bloccaggio e una corretta lavorazione.

Viceversa, se la sede fosse molto stretta si verificherebbero difficoltà nell'inserimento e nella rimozione dell'inserto.

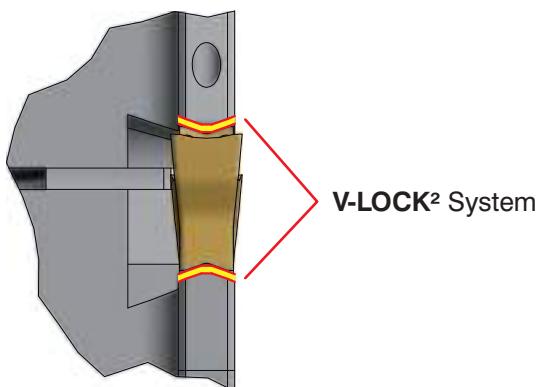
Per ovviare a questi inconvenienti in **COMAND TOOL** sono stati studiati, progettati e realizzati due sistemi di precisione per l'inserimento ed il bloccaggio dell'inserto:

Insert seat must be very accurate to guarantee perfect positioning and high performance machining.

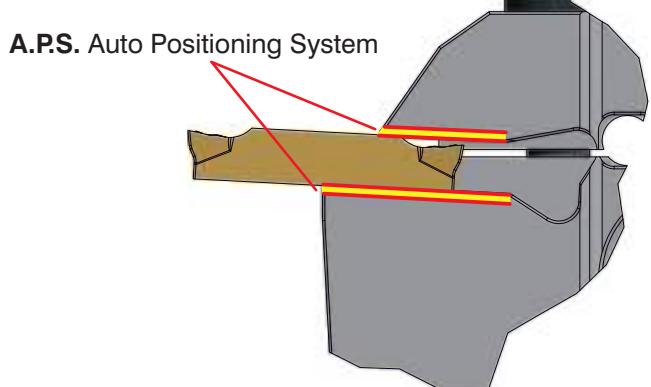
Insert seat is too wide: increases probability of insert being locked in the wrong position because of positioning tolerances being too large. Insert seat is too tight: difficulty in inserting an extracting insert from cartridge.

In order to avoid such problems COMAND TOOL has researched, developed and produced two precision positioning systems:

V-lock²

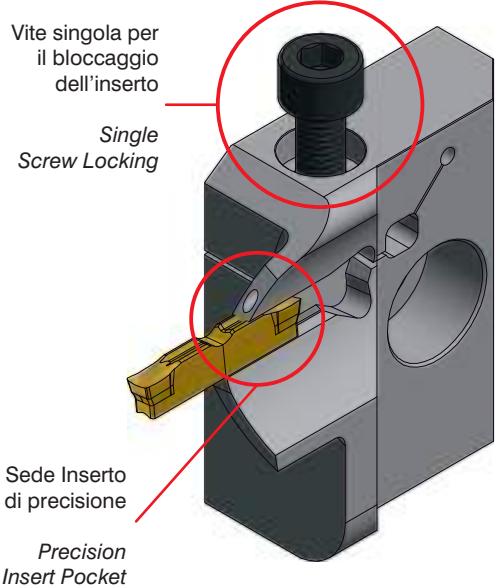


.A.P.S.



I sistemi progettati da **COMAND TOOL** hanno i seguenti vantaggi:
COMAND TOOL system has the following advantages:

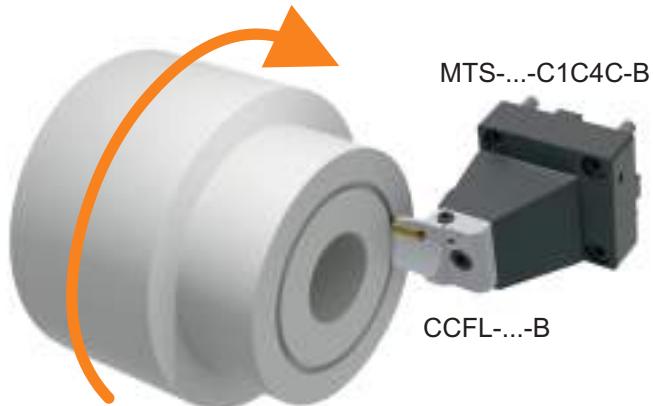
- Il bloccaggio dell'inserto avviene tramite la vite singola, posta nella parte superiore della cartuccia.
Single screw locking
- Il Sistema **V-LOCK²** consente un perfetto bloccaggio ed una precisa angolazione dell'inserto.
V-LOCK² System for perfect insert alignment and angle
- Il sistema **A.P.S. Auto Positioning System**, ideato da **COMAND TOOL**, fa sì che l'inserto si allinei automaticamente e perfettamente all'interno della sede.
A.P.S. insert seat engineered to guarantee maximum precision and ease during insertion and extraction of insert



Uso corretto dell'utensile di Tornitura / Scanalatura Frontale

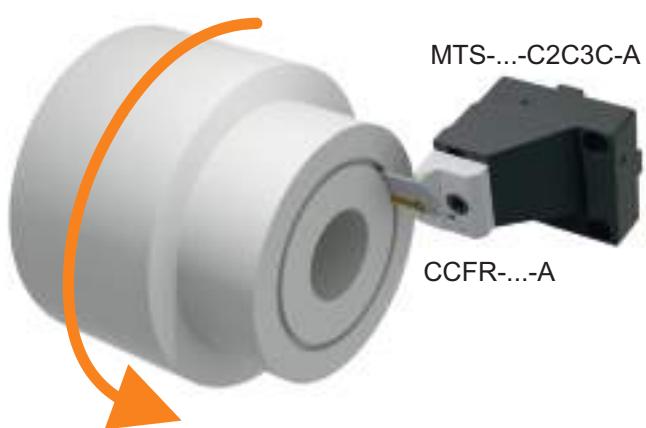
Modular Face Turning and Grooving machining rotation

Lavorazione con Base Modulare Assiale 90° tipo "B"
Machining with Axial 90° Modular Basement type "B"



Rotazione in senso Orario
Clock wise rotation

Lavorazione con Base Modulare Assiale 90° tipo "A"
Machining with Axial 90° Modular Basement type "A"



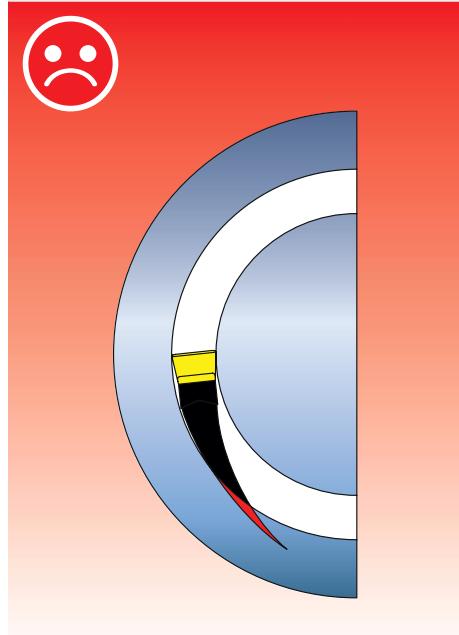
Rotazione in senso Anti-Orario
Counter clock wise rotation

Scegliere Basi e Cartucce in maniera corretta

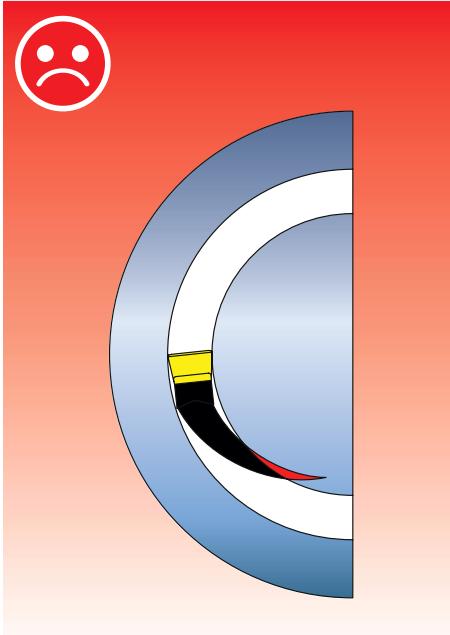
Choose Basements and Cartridges correctly

Danno causato al Primo Taglio quando gli utensili sono scelti in maniera sbagliata
Damage caused at the First Cut when tools are chosen incorrectly

Utensile non corretto: **Diametro troppo largo**
Uncorrect Toolholder: *Large Dia. Anvil*



Utensile non corretto: **Diametro troppo stretto**
Uncorrect Toolholder: *Small Dia. Anvil*



Utensili scelti in maniera corretta
Correctly chosen tools

Utensile corretto: **Diametro esatto**
Correct Toolholder: *Right Dia. Anvil*



Chiave di lettura dei Codici - Basi

Code Key - Basements

esempio codice / example code

0	1	2	3	4	5
MTS	BMT	45	B1B4	C	A

0 - Famiglia Utensili / Tool Family
MTS
ModulTurn System

1 - Tipo di Attacco / Shank Type				
BMT	DS	BG	VDI	C
Doosan / DMG	Doosan static	Biglia	VDI	Polygonal

2 - Dimensione / Dimension												
1	2	04	05	06	30	40	45	50	55	60	65	75
DS	DS / BG	C	C	C	VDI	BMT / VDI	BMT	VDI	BMT	BMT	BMT	BMT

3 - Direzione / Direction								4 - Corpo Body	5 - Accoppiamento con Cartucce Coupling with Cartridge	
B1	B2	B3	B4	C1	C2	C3	C4	C	A	B
Radiale DX Radial R	Radiale SX Radial L	Radiale DX rovesciato Radial R upside-down	Radiale SX rovesciato Radial L upside-down	Assiale DX Axial R	Assiale SX Axial L	Assiale DX rovesciato Axial R upside-down	Assiale SX rovesciato Axial L upside-down			

Chiave di lettura dei Codici - Cartucce

Code Key - Cartridges

esempio codice / example code

0	1	2	3	4	5	9	10
MTS	D	C	L	N	L	12	A

0 - Famiglia Utensili / Tool Family
MTS
ModulTurn System

1 - Sistema Bloccaggio / Clamping Type	
D S	
Staffa+Vite / Clamp+Screw	Vite / Screw

2 - Forma dell'Inserto / Insert Shape					
C - 80°	D - 55°	T - 60°	V - 35°	W - 80°	I - 60°

3 - Tipo di Attacco / Shank Type						
H	J	K	L	P	S	V
107,5°	93°	75°	95°	117,5°	45°	72,5°

4 - Angolo spoglia Inserto / Rake Angles	
C	N
C - 7°	N - 0°

5 - Lato Lavorazione / Machining Side	
R	L
Destra / Right	Sinistra / Left

9 - Lunghezza Tagliente / Cutting Edge Length									
C	D	T	V	W	I				
09	12	07	11	15	11	16	22	11	16

10 - Accoppiamento con Basi / Coupling with Basements			
A		B	



BASI - ATTACCO BMT
BMT Basements

pag. 29-32



BASI - ATTACCO DOOSAN (statico)
Doosan (static) Basements

pag. 33-36



BASI - ATTACCO BIGLIA
Biglia Basements

pag. 37-39



BASI - ATTACCO VDI
VDI Basements

pag. 40-41



BASI - ATTACCO "C" POLIGONALE
"C" Polygonal Basements

pag. 42-43

ModulTURN System



CARTUCCE per TORNITURA
Cartridges for Turning

pag. 46-47

ModulCUT system



CARTUCCE per TRONCATURA / SCANALATURA pag. 76
Cartridges for Cutting / Grooving

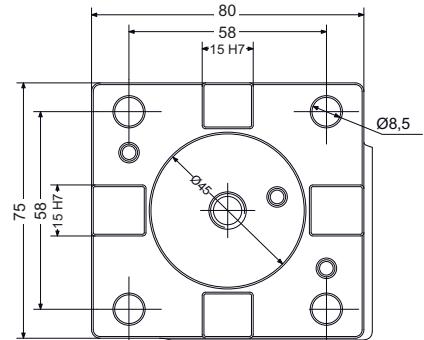
BMT DOOSAN

Basi per Torni CNC / Basements for CNC Lathes

BMT45

DOOSAN

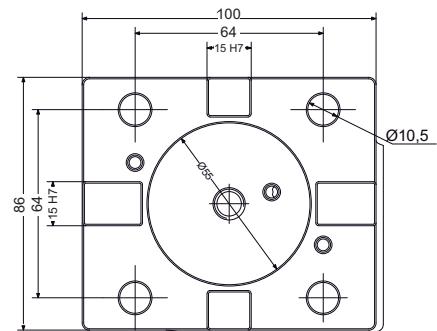
- LYNX 2100LYA/LYB (24 POSITION INDEX)
- LYNX 220 (MA,LMA,MC,LMC)
- LYNX 2100MA/220 (LMSA,LMSC)
- 220 (LSYA,LSYC), 220 (M,LM)
- 220 (YA,YC,LYA,LYC)
- PUMA MX1600 (T,ST)



BMT55

DOOSAN

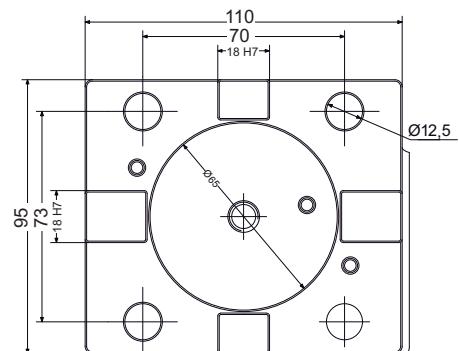
- PUMA 2100/2600/3100 M/Y/MS/SY
- PUMA GT2100M / PUMA H250TM
- PUMA 1500/2000/2500 (M,S,Y)
- PUMA 230/240/280 (M,LM,S)
- PUMA TL2000/2500 (M,LM)
- PUMA 2100 (Y,LY,SY,LSY)
- PUMA MX2100 (ST/LST)
- LYNX 300 (M)



BMT65

DOOSAN

- PUMA 3100 (M,LM,LY,XLM,XLY,ULM,ULY)
- PUMA 2100/2600 (M,LM,MS,LMS)
- PUMA 2100/2600 (Y,LY,SY,LSY)
- PUMA 300 (M,MS,MB,MC)
- PUMA MX2000/2500
- PUMA MX2600 (T,ST)
- PUMA TT2500 (MS/SY)
- PUMA V400 (M)
- PUMA VT450 (M,2SP)



BMT75

DOOSAN

- PUMA 400 / PUMA 480M / LM / XLM
- PUMA VT 750M / TM
- PUMA 4100 M / PUMA 5100 M / MA

DOOSAN-DAEWOO

DOOSAN-DAEWOO

- 230S / 240S
- LYNX210

BMT Altri Costruttori / Other Brands

Basi per Torni CNC / Basements for CNC Lathes

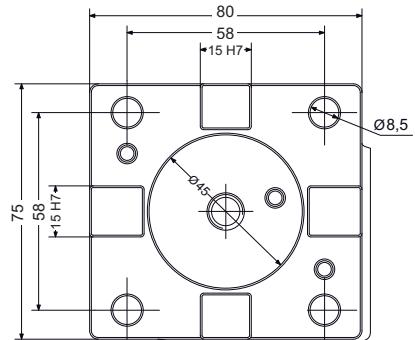
BMT45

HARDINGE

BMT45

SAMSUNG

PL1600



BMT55

HARDINGE

BMT55

VICTOR

VTURN-A16/A20 (YSCM)

SAMSUNG

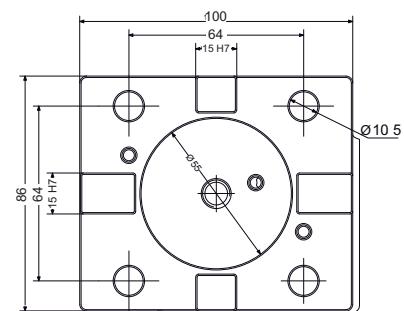
SL 2000M

HYUNDAI WIA

SKT-180TTSY

HWACHEON

CUTEX-160



BMT65

SAMSUNG

SL 2500Y

HYUNDAI WIA

L2100SY

SKT-200/250TTSY

SKT-250/300 (L,M)

SKT-250/300 (MS)

MAXSIN

BMT65

VICTOR

VTURN - A26 (YSCM)

HAAS

ST-20 / ST-25 / ST-30

ST-35 / DS-30Y

ST-20Y / ST-25Y / ST-30Y / ST-35Y

HWACHEON

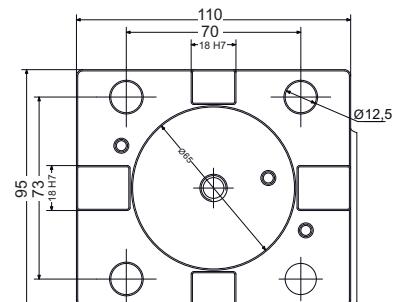
CUTEX-240 / VT-450

HI-TECH200/T2-Series

HI-TECH300/400

TONGTAI

TMT2000



BMT DMG MORI

Basi per Torni CNC / Basements for CNC Lathes

BMT40

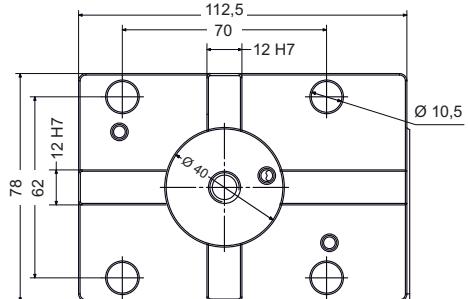
DMG MORI

CTX310EC0-BMT

NZ1500

NZ2000

NTX1000-2000



BMT60

DMG MORI

NLX1500 - NLX2000

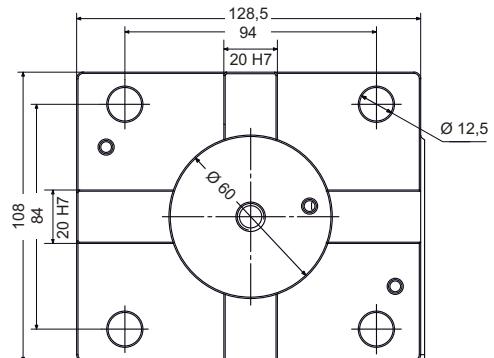
NLX2500 - NLX3000

NL2000 (S)MC - 2500 (S)MC

NL3000MC (12 Stations)

NT3250 - NT4200 - NT4250

NT4300 - NT5400 - NZL2500

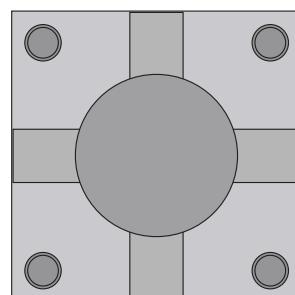


Esempio di Torretta BMT

Example of a BMT turret



Conformazione della sede BMT
BMT seat design



DOOSAN (Statico / Static)

Basi per Torni CNC / Basements for CNC Lathes

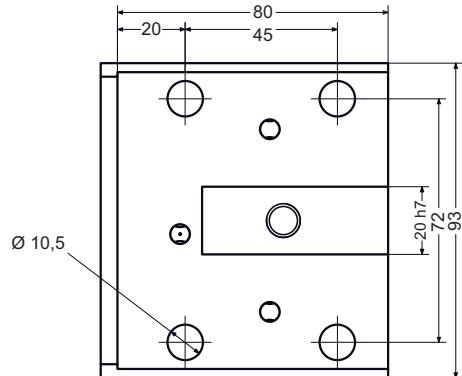
DOOSAN

DOOSAN

LYNX 2100 2A (10/12 st.)

PUMA GT2100

Serie DS1



DOOSAN

PUMA GT2100 / 2600 / 3100

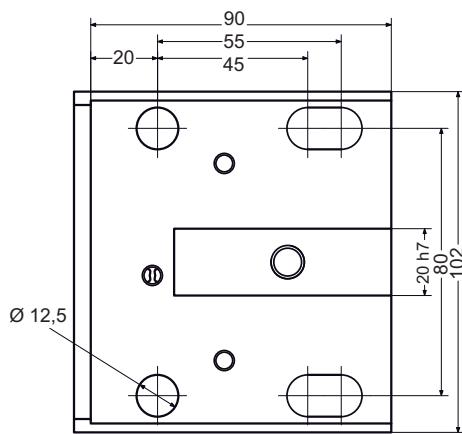
PUMA GT2100/B (12/10 st. 2 ax)

PUMA 2100/2100L/2100S/2100LS (12 st. 2 ax)

PUMA 2600/2600L/2600S/2600LS (12 st. 2 ax)

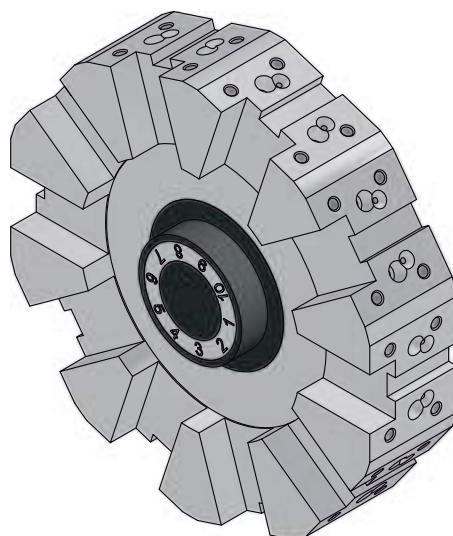
PUMA 3100/L/XL/UL (10 st. 2 ax / 12 st. 2ax)

Serie DS2

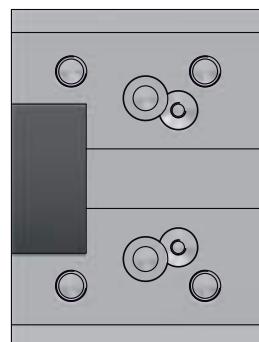


Esempio di Torretta DOOSAN (Statico)

Example of a Doosan (Static) turret



Conformazione della sede DOOSAN (Statico)
DOOSAN (Static) seat design



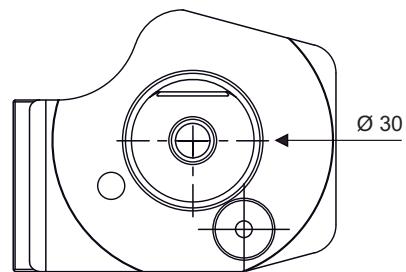
VDI DMG MORI e Altri Costruttori / Other Brands

Basi per Torni CNC / Basements for CNC Lathes

VDI30

DMG MORI

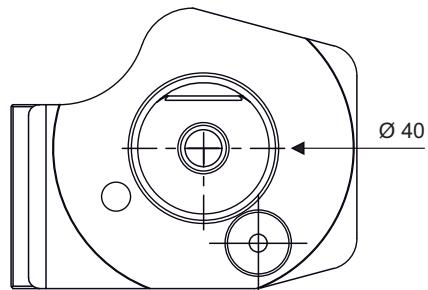
- CTX 210 / 310 / 410 V3 / V1
- CTX 320 / 420 V3
- CTX Alpha 300 / 500 V3
- CYX Beta 500 / 800 / 1250 / V3 (option)
- CTV 160



VDI40

DMG MORI

- CTX 410 V3 (option)
- CTX 510 V3 / V4
- CTX 420 V3 (option)
- CTX 520 V3 / V4
- CTX Beta 500 / 800 / 1250 V3 / V4
- CTX Gamma 1250 / 2000 V3 / V4 (option)



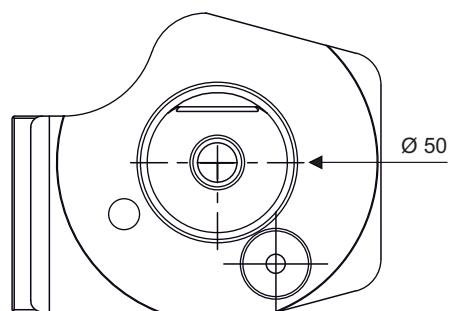
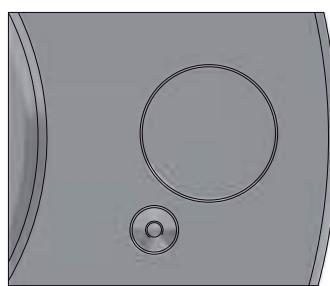
VDI50

DMG MORI

- CTX 620 V3 / V4 / V1
- CTX Gamma 1250 / 2000 V3 / V4
- CTX 400
- CTX Beta 2000



Conformazione della sede VDI
VDI seat design



Le basi VDI 30 / 40 / 50 sono tutte compatibili anche con altri costruttori

The VDI 30 / 40 / 50 basements are all compatible with other brands

BIGLIA

Basi per Torni CNC / Basements for CNC Lathes

BIGLIA

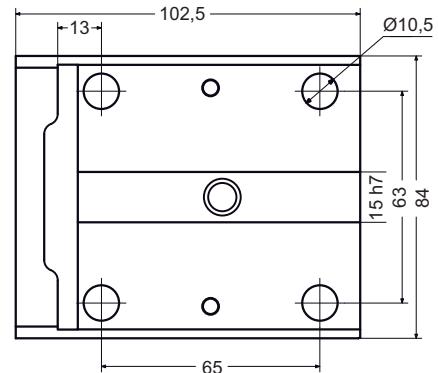
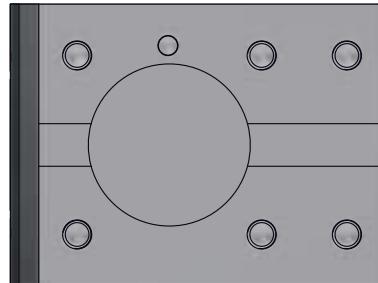
BIGLIA

B301 / 445 / 470 / 501 (Y-S)
510 / 545 / 550 / 565 / 650 / 658
1200 / 446 / 465 / 745
765 - B750 / 1250 16 ST.

Serie BG2



Conformazione della sede BIGLIA
BIGLIA seat design



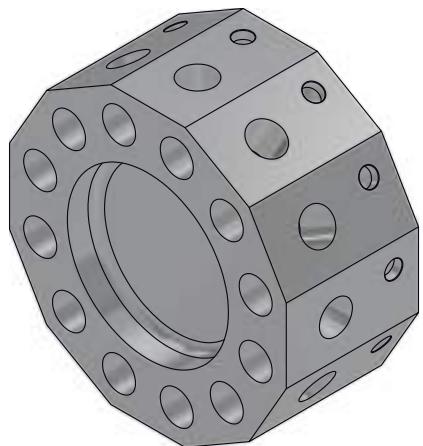
VDI MAZAK

Basi per Torni CNC / Basements for CNC Lathes

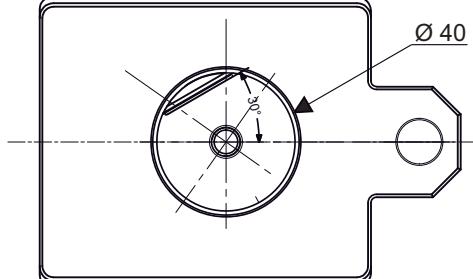
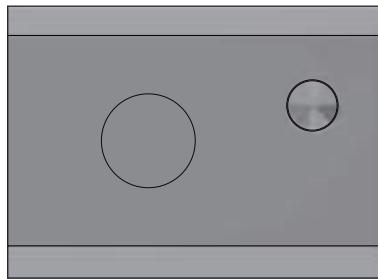
MAZAK

MAZAK VDI40

QTN 200
QTN 250 M / MB / MS / MY / MSY - 12 Stations



Conformazione della sede MAZAK
MAZAK seat design



Accoppiamento Cartucce su Basi Modulari

Cartridge coupling on Modular Basements

Base Modulare Radiale (0°) tipo "A"
Radial (0°) Modular Basement type "A"

es: CCGL-...-A



MTS-...-B1B4C-A



es: MTS-DCLNL-12-A

Base Modulare Assiale (90°) tipo "A"
Axial (90°) Modular Basement type "A"

MTS-...-C2C3C-A



es: CCFR-...-A

Base Modulare Radiale (0°) tipo "B"
Radial (0°) Modular Basement type "B"

es: CCGR-...-B



MTS-...-B2B3C-B



es: MTS-DCLNR-12-B

Base Modulare Assiale (90°) tipo "B"
Axial (90°) Modular Basement type "B"

MTS-...-C1C4C-B



es: CCFL-...-B

Accoppiamento Cartucce su Basi Modulari VDI

Cartridge coupling on VDI Modular Basements

Base Modulare VDI Radiale (0°) tipo "A"
Radial (0°) Modular Basement type "A"

es: CCGL-...-A



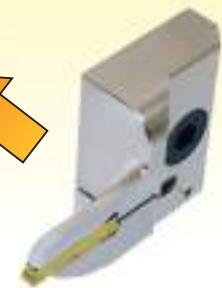
es: MTS-DCLNL-12-A

Base Modulare VDI Assiale (90°) tipo "A"
Axial (90°) Modular Basement type "A"

MTS-VDI...-C3C-A



es: CCFR-...-A



Base Modulare VDI Radiale (0°) tipo "B"
Radial (0°) Modular Basement type "B"

es: CCGR-...-B



es: MTS-DCLNR-12-B

Base Modulare VDI Assiale (90°) tipo "B"
Axial (90°) Modular Basement type "B"

MTS-VDI...-C1C-B



es: CCFL-...-B

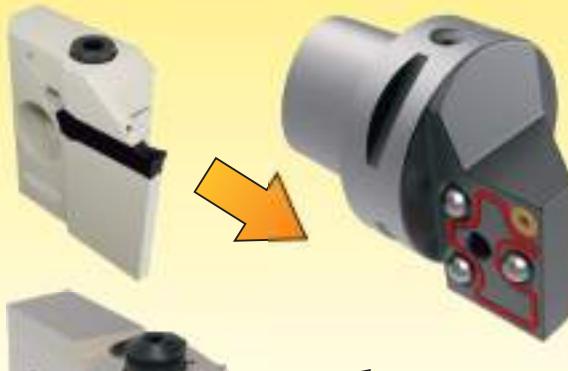


Accoppiamento Cartucce su Basi Modulari “poligonali”

Cartridge coupling on “Polygonal” Modular Basements

Base Modulare “Poligonale” Radiale (0°) tipo “A”
Radial “Polygonal” Modular Basement (0°) type “A”

es: CCGL-...-A



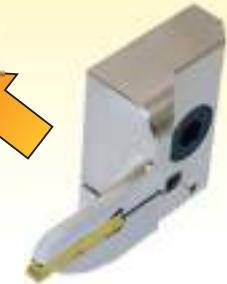
es: MTS-DCLNL-12-A

Base Modulare “Poligonale” Assiale (90°) tipo “A”
Axial “Polygonal” Modular Basement (90°) type “A”

MTS-C...-C3C-A



es: CCFR-...-A



Base Modulare “Poligonale” Radiale (0°) tipo “B”
Radial “Polygonal” Modular Basement (0°) type “B”

es: CCGR-...-B



es: MTS-DCLNR-12-B

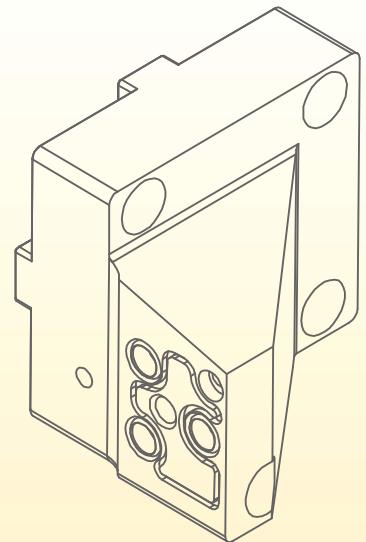
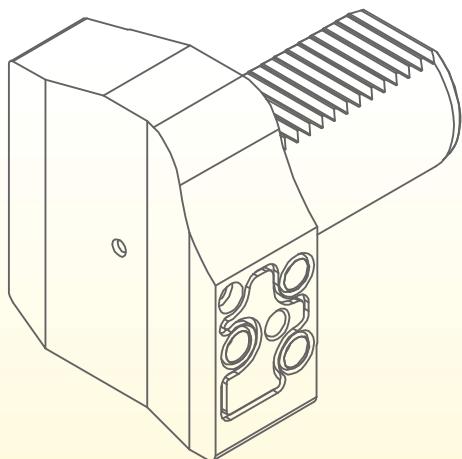
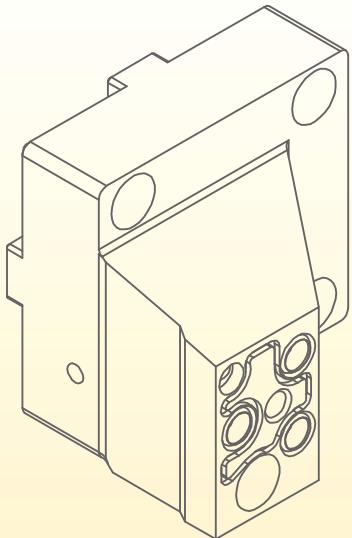
Base Modulare “Poligonale” Assiale (90°) tipo “B”
Axial “Polygonal” Modular Basement (90°) type “B”

MTS-C...-C1C-B



es: CCFL-...-B

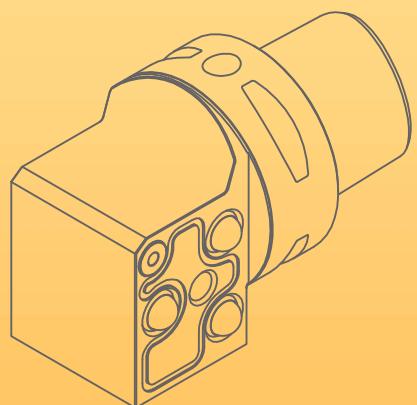
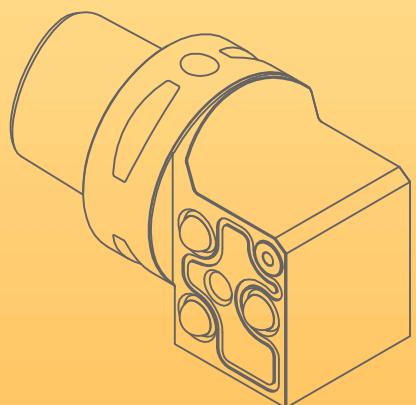
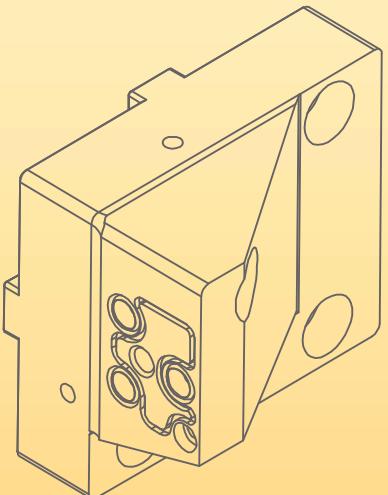
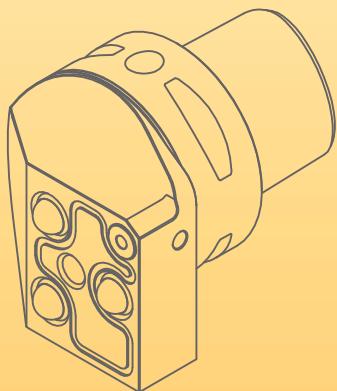
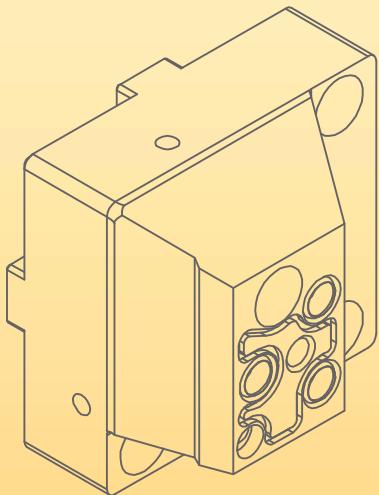




Basi / Basements

PLANET®

system



Basi ModulTURN System

Basements ModulTURN System

BMT



MTS-BMT...-B...C-A/B
pag. 29



MTS-BMT...-C...C-A/B
pag. 30



MTS-BMT...-B...C-A/B
DMG-MORI
pag. 31



MTS-BMT...-C...C-A/B
DMG-MORI
pag. 32

DOOSAN (Statico / Static)



MTS-DS1L-B...C-A/B
pag. 33



MTS-DS1M-C...C-A/B
pag. 34



MTS-DS2L-B...C-A/B
pag. 35



MTS-DS2M-C...C-A/B
pag. 36

BIGLIA Serie 2



MTS-BG2S-B...C-A/B
pag. 37



MTS-BG2L-B...C-A/B
pag. 38



MTS-BG2L-C...C-A/B
pag. 39

VDI



MTS-VDI...-B...C-A/B
pag. 40



MTS-VDI...-C...C-A/B
pag. 41

Att. "C"
poligonale
polygonal



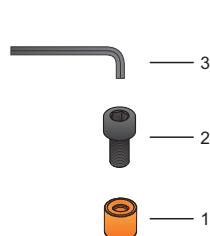
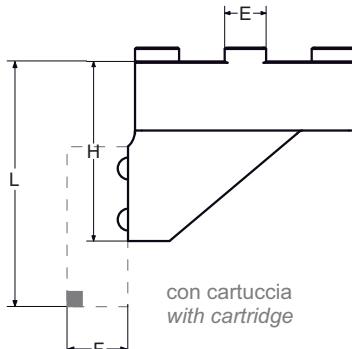
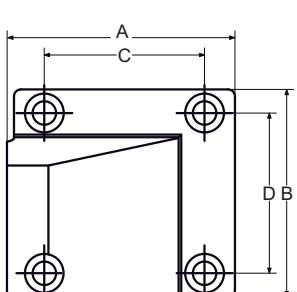
MTS-C...-B...C-A/B
pag. 42



MTS-C...-C...C-A/B
pag. 43

MTS-BMT...-B1B4C-A

Base Modulare 0° con Attacco BMT tipo "A" / Modular BMT Basement 0° type "A"

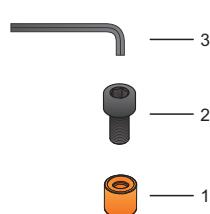
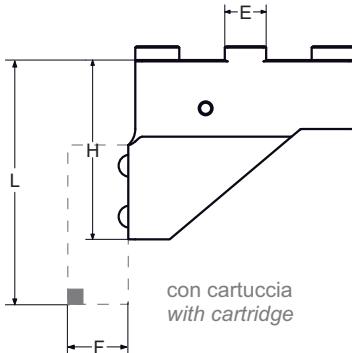
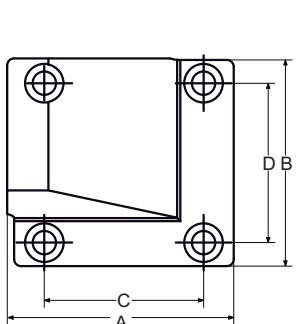


Codice Articolo Item Code	A	B	C	D	E	H	L	F	Peso Weight	Prezzo Price
MTS-BMT45-B1B4C-A	82,5	75	58	58	15	65	95	25	1,64 kg	€ 200,00
MTS-BMT55-B1B4C-A	102,5	86	64	64	15	65	95	25	2,31 kg	€ 215,00
MTS-BMT65-B1B4C-A	112,5	95	70	73	18	70	100	25	2,88 kg	€ 220,00
MTS-BMT75-B1B4C-A	117,5	112	90	90	25	60	90	25	3,60 kg	€ 250,00



MTS-BMT...-B2B3C-B

Base Modulare 0° con Attacco BMT tipo "B" / Modular BMT Basement 0° type "B"

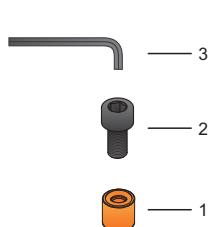
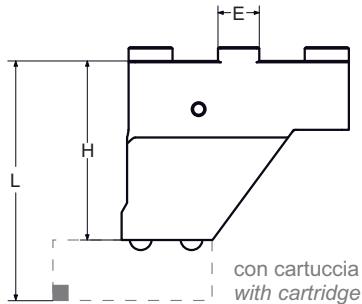
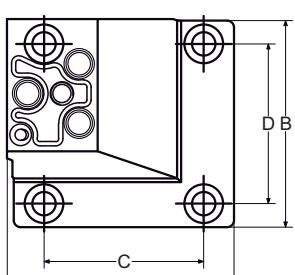


Codice Articolo Item Code	A	B	C	D	E	H	L	F	Peso Weight	Prezzo Price
MTS-BMT45-B2B3C-B	82,5	75	58	58	15	65	95	25	1,64 kg	€ 200,00
MTS-BMT55-B2B3C-B	102,5	86	64	64	15	65	95	25	2,31 kg	€ 215,00
MTS-BMT65-B2B3C-B	112,5	95	70	73	18	70	100	25	2,88 kg	€ 220,00
MTS-BMT75-B2B3C-B	117,5	112	90	90	25	60	90	25	3,60 kg	€ 250,00



MTS-BMT...-C2C3C-A

Base Modulare 90° con Attacco BMT tipo "A" / Modular BMT Basement 90° type "A"

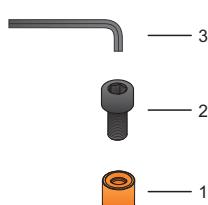
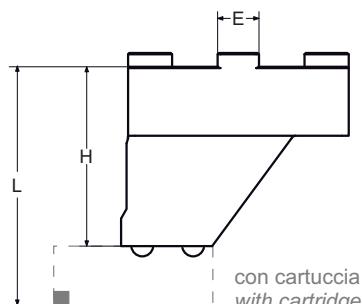
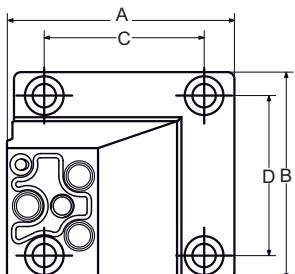


Codice Articolo Item Code	A	B	C	D	E	H	L	Peso Weight	Prezzo Price
MTS-BMT45-C2C3C-A	82,5	75	58	58	15	65	80	1,80 kg	€ 220,00
MTS-BMT55-C2C3C-A	102,5	86	64	64	15	65	80	2,30 kg	€ 235,00
MTS-BMT65-C2C3C-A	112,5	95	70	73	18	70	85	3,10 kg	€ 245,00
MTS-BMT75-C2C3C-A	117,5	112	90	90	25	55	70	3,50 kg	€ 270,00



MTS-BMT...-C1C4C-B

Base Modulare 90° con Attacco BMT tipo "B" / Modular BMT Basement 90° type "B"



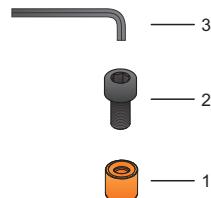
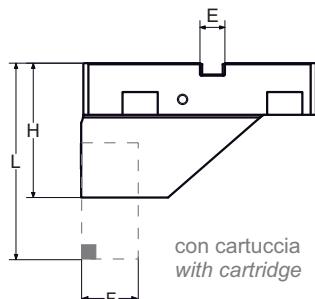
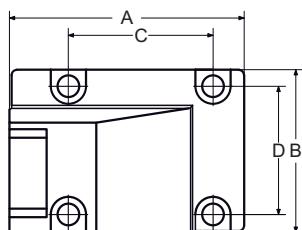
Codice Articolo Item Code	A	B	C	D	E	H	L	Peso Weight	Prezzo Price
MTS-BMT45-C1C4C-B	82,5	75	58	58	15	65	80	1,80 kg	€ 220,00
MTS-BMT55-C1C4C-B	102,5	86	64	64	15	65	80	2,30 kg	€ 235,00
MTS-BMT65-C1C4C-B	112,5	95	70	73	18	70	85	3,10 kg	€ 245,00
MTS-BMT75-C1C4C-B	117,5	112	90	90	25	55	70	3,50 kg	€ 270,00



MTS-BMT...-B1B4C-A

DMG-MORI

Base Modulare 0° con Attacco BMT tipo "A" / Modular BMT Basement 0° type "A"



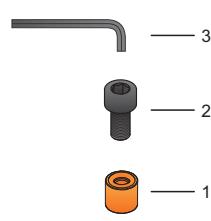
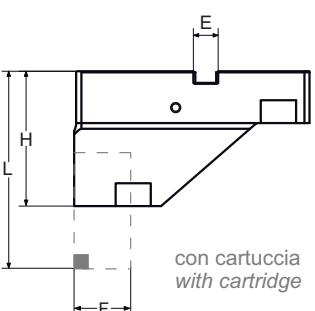
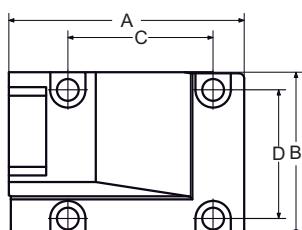
Codice Articolo Item Code	A	B	C	D	E	H	L	F	Peso Weight	Prezzo Price
MTS-BMT40-B1B4C-A	113,5	78,5	70	62	12	65	95	25	2,80 kg	€ 215,00
MTS-BMT60-B1B4C-A	130	108,5	94	84	20	65	95	25	4,10 kg	€ 225,00



MTS-BMT...-B2B3C-B

DMG-MORI

Base Modulare 0° con Attacco BMT tipo "B" / Modular BMT Basement 0° type "B"



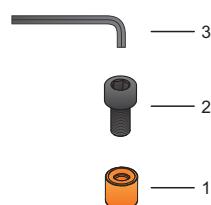
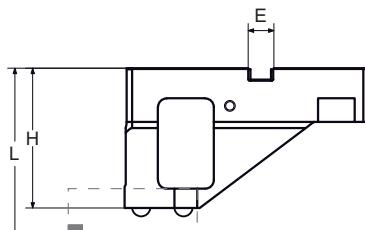
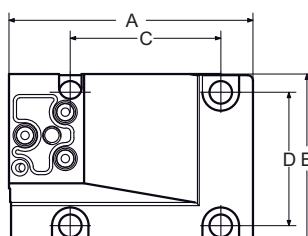
Codice Articolo Item Code	A	B	C	D	E	H	L	F	Peso Weight	Prezzo Price
MTS-BMT40-B2B3C-B	113,5	78,5	70	62	12	65	95	25	2,80 kg	€ 215,00
MTS-BMT60-B2B3C-B	130	108,5	94	84	20	65	95	25	4,10 kg	€ 225,00



MTS-BMT...-C2C3C-A

DMG-MORI

Base Modulare 90° con Attacco BMT tipo "A" / Modular BMT Basement 90° type "A"



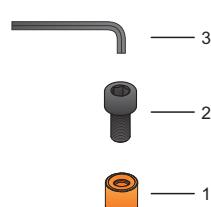
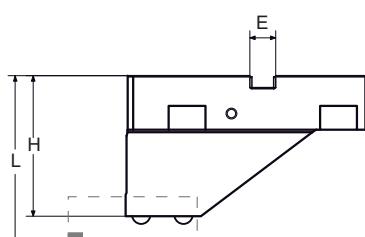
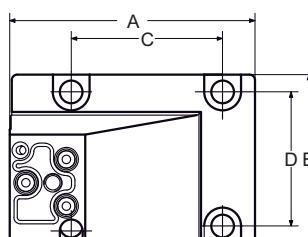
Codice Articolo Item Code	A	B	C	D	E	H	L	Peso Weight	Prezzo Price
MTS-BMT40-C2C3C-A	113,5	78,5	70	62	12	65	79,5	2,90 kg	€ 235,00
MTS-BMT60-C2C3C-A	131	108,5	94	84	20	70	84,5	4,30 kg	€ 245,00



MTS-BMT...-C1C4C-B

DMG-MORI

Base Modulare 90° con Attacco BMT tipo "B" / Modular BMT Basement 90° type "B"



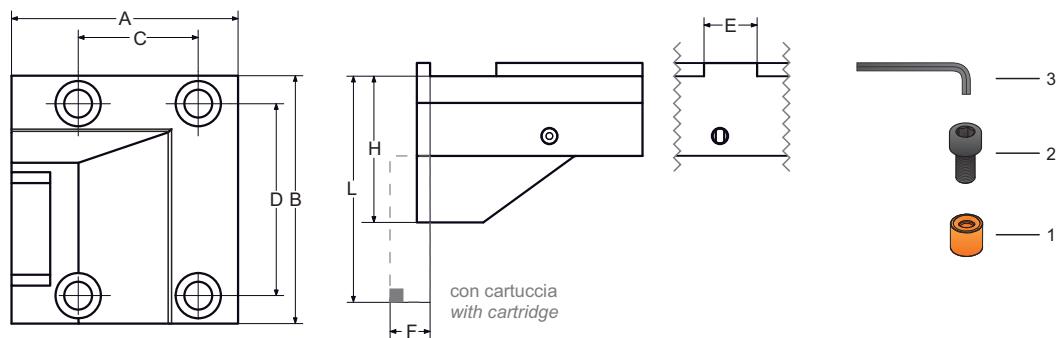
Codice Articolo Item Code	A	B	C	D	E	H	L	Peso Weight	Prezzo Price
MTS-BMT40-C1C4C-B	113,5	78,5	70	62	12	65	79,5	2,90 kg	€ 235,00
MTS-BMT60-C1C4C-B	131	108,5	94	84	20	70	84,5	4,30 kg	€ 245,00



MTS-DS1L-B1B4C-A

DOOSAN (statico)

Base Modulare 0° con attacco lungo Doosan serie 1 tipo "A" / Modular Basement 0° with long connection Doosan series 1 type "A"



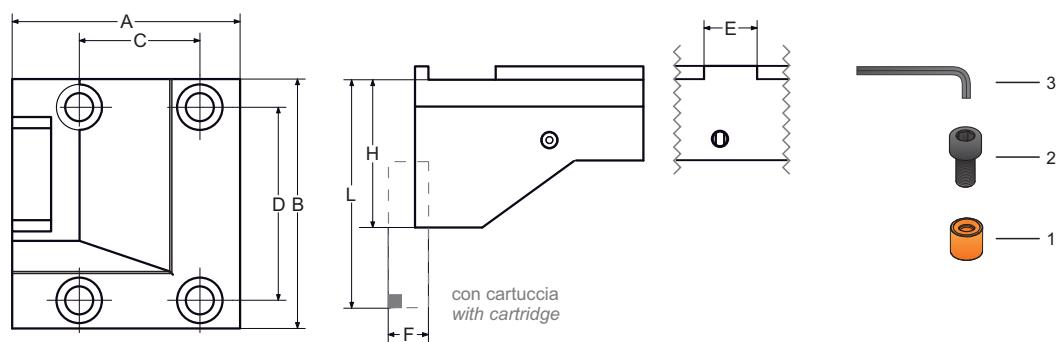
Codice Articolo Item Code	A	B	C	D	E	H	L	F	Peso Weight	Prezzo Price
MTS-DS1L-B1B4C-A	85	93	45	72	20	55	85	15	2,10 kg	€ 185,00



MTS-DS1L-B2B3C-B

DOOSAN (statico)

Base Modulare 0° con attacco lungo Doosan serie 1 tipo "B" / Modular Basement 0° with long connection Doosan series 1 type "B"



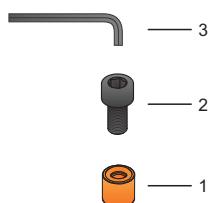
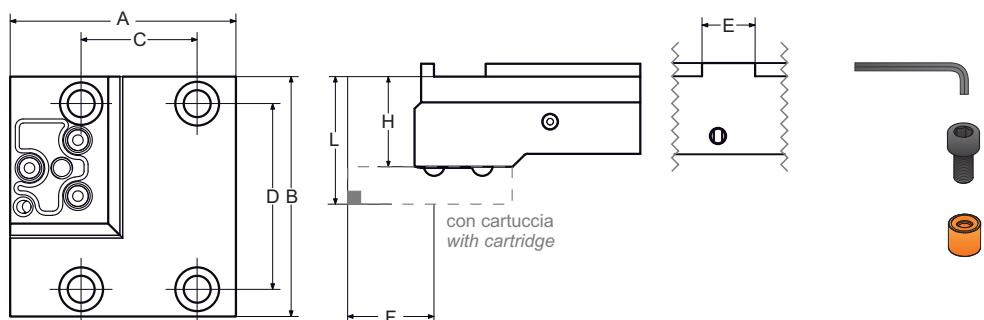
Codice Articolo Item Code	A	B	C	D	E	H	L	F	Peso Weight	Prezzo Price
MTS-DS1L-B2B3C-B	85	93	45	72	20	55	85	15	2,10 kg	€ 185,00



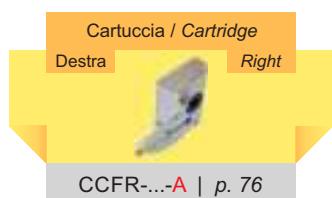
MTS-DS1M-C2C3C-A

DOOSAN (statico)

Base Modulare 90° con attacco medio Doosan serie 1 tipo "A" / Modular Basement 90° with **medium connection** Doosan series 1 type "A"



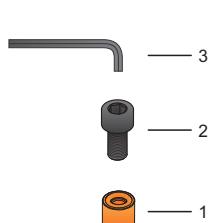
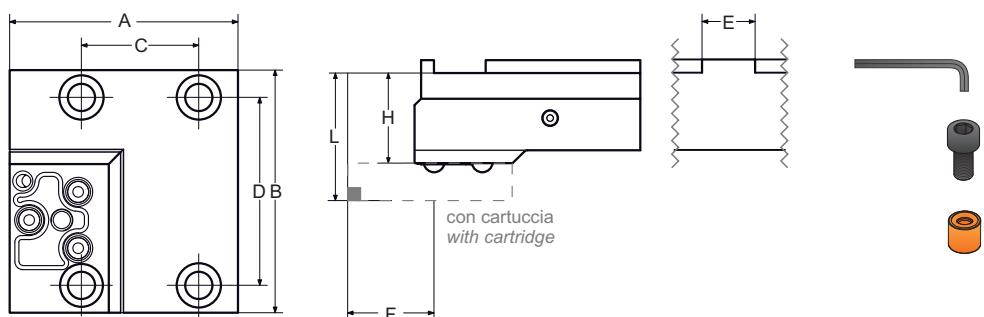
Codice Articolo Item Code	A	B	C	D	E	H	L	F	Peso Weight	Prezzo Price
MTS-DS1M-C2C3C-A	87,5	93	45	72	20	35	49	33,5	1,90 kg	€ 200,00



MTS-DS1M-C1C4C-B

DOOSAN (statico)

Base Modulare 90° con attacco medio Doosan serie 1 tipo "B" / Modular Basement 90° with **medium connection** Doosan series 1 type "B"



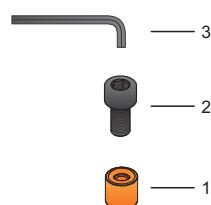
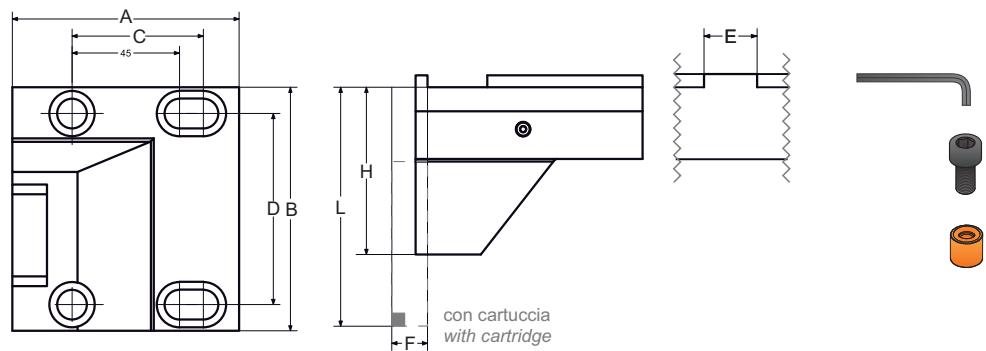
Codice Articolo Item Code	A	B	C	D	E	H	L	F	Peso Weight	Prezzo Price
MTS-DS1M-C1C4C-B	87,5	93	45	72	20	35	49	33,5	1,90 kg	€ 200,00



MTS-DS2L-B1B4C-A

DOOSAN (statico)

Base Modulare 0° con attacco lungo Doosan serie 2 tipo "A" / Modular Basement 0° with long connection Doosan series 2 type "A"



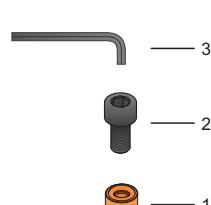
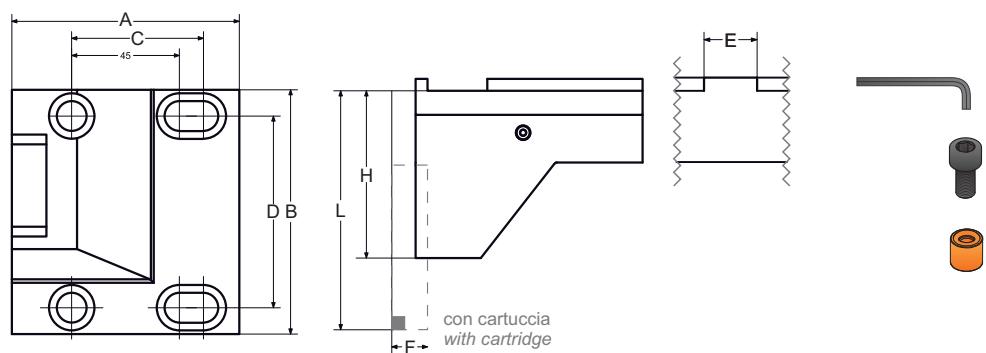
Codice Articolo Item Code	A	B	C	D	E	H	L	F	Peso Weight	Prezzo Price
MTS-DS2L-B1B4C-A	95	102	55	80	20	70	100	15	2,80 kg	€ 195,00



MTS-DS2L-B2B3C-B

DOOSAN (statico)

Base Modulare 0° con attacco lungo Doosan serie 2 tipo "B" / Modular Basement 0° with long connection Doosan series 2 type "B"



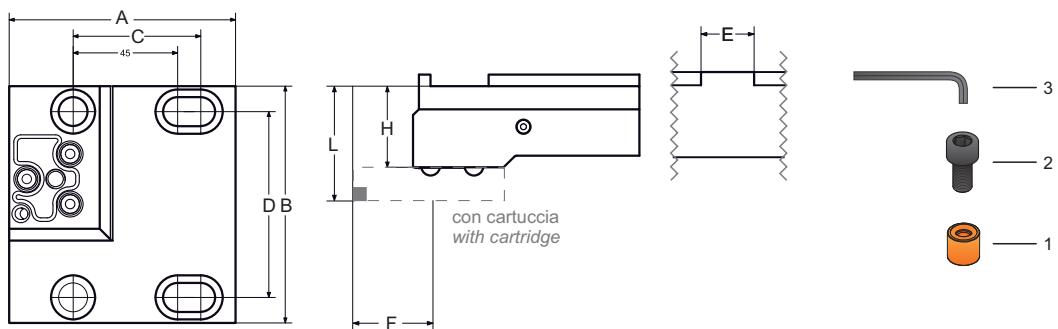
Codice Articolo Item Code	A	B	C	D	E	H	L	F	Peso Weight	Prezzo Price
MTS-DS2L-B2B3C-B	95	102	55	80	20	70	100	15	2,80 kg	€ 195,00



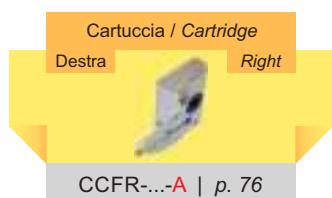
MTS-DS2M-C2C3C-A

DOOSAN (statico)

Base Modulare 90° con attacco medio Doosan serie 2 tipo "A" / Modular Basement 90° with **medium connection** Doosan series 2 type "A"



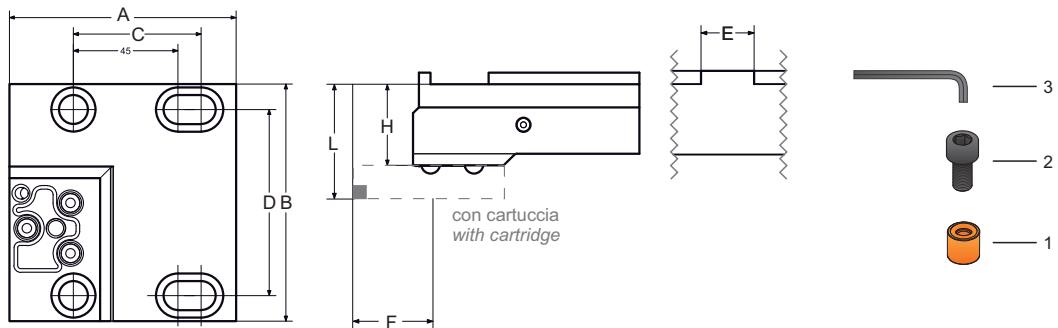
Codice Articolo Item Code	A	B	C	D	E	H	L	F	Peso Weight	Prezzo Price
MTS-DS2M-C2C3C-A	97,5	102	55	80	20	35	49	33,5	2,20 kg	€ 205,00



MTS-DS2M-C1C4C-B

DOOSAN (statico)

Base Modulare 90° con attacco medio Doosan serie 2 tipo "B" / Modular Basement 90° with **medium connection** Doosan series 2 type "B"



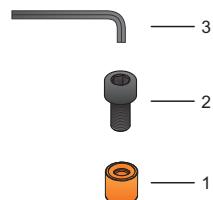
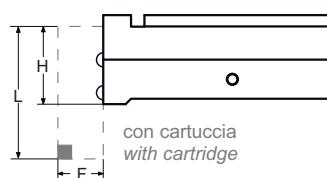
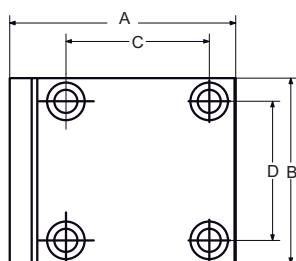
Codice Articolo Item Code	A	B	C	D	E	H	L	F	Peso Weight	Prezzo Price
MTS-DS2M-C1C4C-B	97,5	102	55	80	20	35	49	33,5	2,20 kg	€ 205,00



MTS-BG2S-B1B4C-A

BIGLIA

Base Modulare 0° con attacco corto Biglia serie 2 tipo "A" / Modular Basement 0° with **short connection** Biglia series 2 type "A"



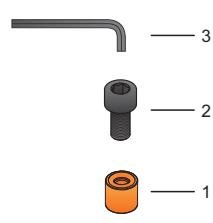
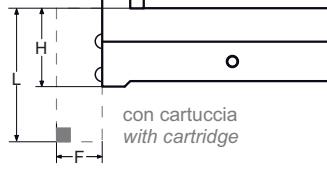
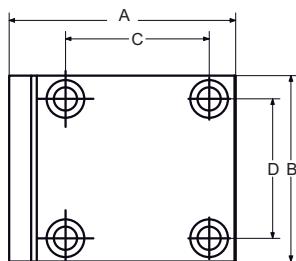
Codice Articolo Item Code	A	B	C	D	H	L	F	Peso Weight	Prezzo Price
MTS-BG2S-B1B4C-A	102,5	84	65	63	35	65	25	2,10 kg	€ 185,00



MTS-BG2S-B2B3C-B

BIGLIA

Base Modulare 0° con attacco corto Biglia serie 2 tipo "B" / Modular Basement 0° with **short connection** Biglia series 2 type "B"



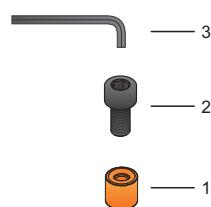
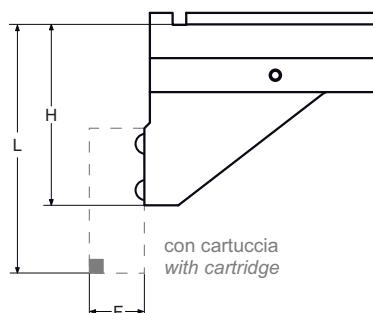
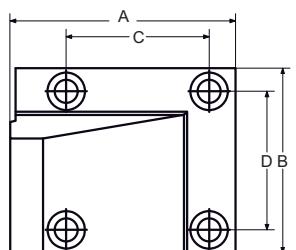
Codice Articolo Item Code	A	B	C	D	H	L	F	Peso Weight	Prezzo Price
MTS-BG2S-B2B3C-B	102,5	84	65	63	35	65	25	2,10 kg	€ 185,00



MTS-BG2L-B1B4C-A

BIGLIA

Base Modulare 0° con attacco lungo Biglia serie 2 tipo "A" / Modular Basement 0° with long connection Biglia series 2 type "A"



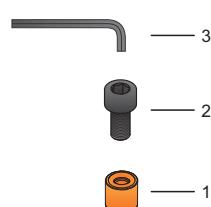
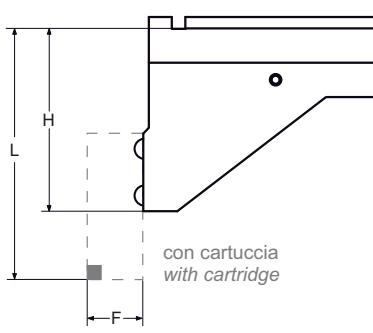
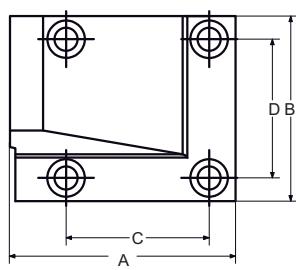
Codice Articolo Item Code	A	B	C	D	H	L	F	Peso Weight	Prezzo Price
MTS-BG2L-B1B4C-A	102,5	84	65	63	80	110	25	2,90 kg	€ 200,00



MTS-BG2L-B2B3C-B

BIGLIA

Base Modulare 0° con attacco lungo Biglia serie 2 tipo "B" / Modular Basement 0° with long connection Biglia series 2 type "B"



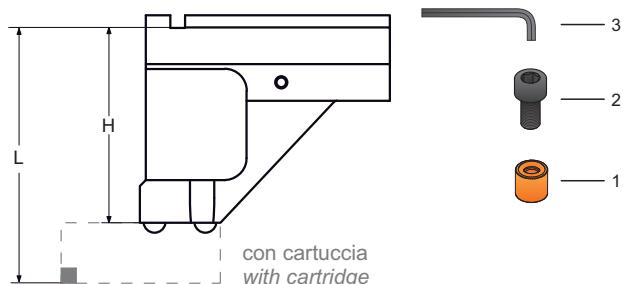
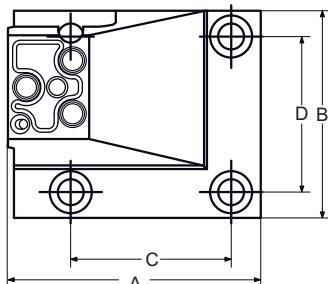
Codice Articolo Item Code	A	B	C	D	H	L	F	Peso Weight	Prezzo Price
MTS-BG2L-B2B3C-B	102,5	84	65	63	80	110	25	2,90 kg	€ 200,00



MTS-BG2L-C2C3C-A

BIGLIA

Base Modulare 90° con attacco lungo Biglia serie 2 tipo "A" / Modular Basement 90° with **long connection** Biglia series 2 type "A"



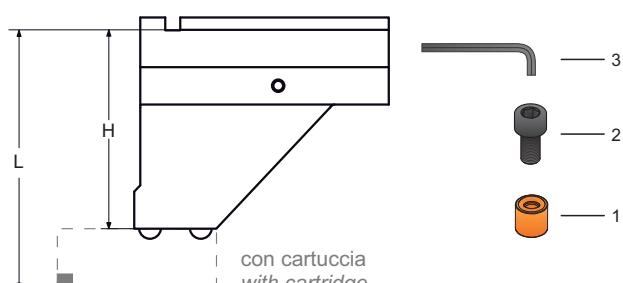
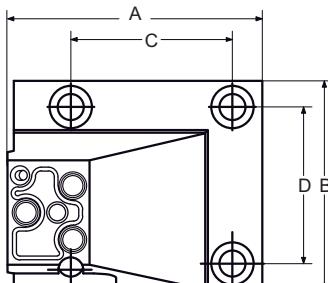
Codice Articolo Item Code	A	B	C	D	H	L		Peso Weight	Prezzo Price
MTS-BG2L-C2C3C-A	102,5	84	65	63	80	105		2,80 kg	€ 220,00



MTS-BG2L-C1C4C-B

BIGLIA

Base Modulare 90° con attacco lungo Biglia serie 2 tipo "B" / Modular Basement 90° with **long connection** Biglia series 2 type "B"

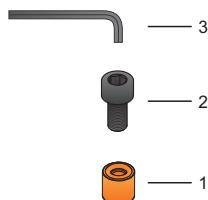
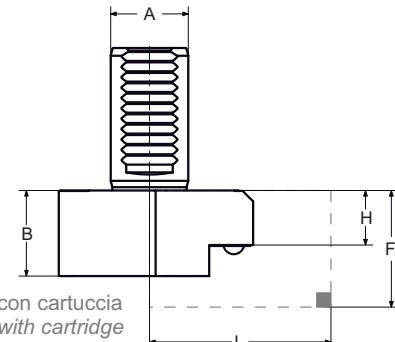
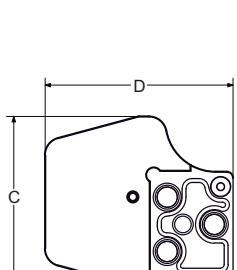


Codice Articolo Item Code	A	B	C	D	H	L		Peso Weight	Prezzo Price
MTS-BG2L-C1C4C-B	102,5	84	65	63	80	105		2,80 kg	€ 220,00



MTS-VDI...-B1C-A

Base Modulare 0° con Attacco VDI tipo "A" / Modular VDI Basement 0° type "A"

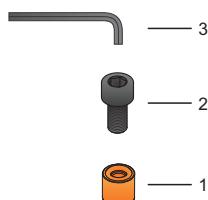
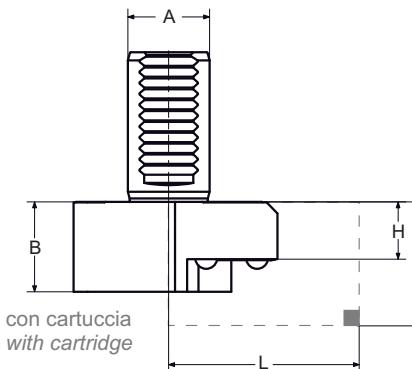
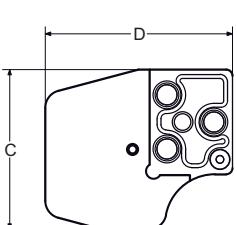


Codice Articolo Item Code	A	B	C	D	H	L	F		Peso Weight	Prezzo Price
MTS-VDI30-B1C-A	30	33	64	75	21	70	46		1,20 kg	€ 200,00
MTS-VDI40-B1C-A	40	35	80	79	23	70	48		1,90 kg	€ 215,00
MTS-VDI50-B1C-A	50	35	90	85	23	70	48		2,90 kg	€ 220,00



MTS-VDI...-B3C-B

Base Modulare 0° con Attacco VDI tipo "B" / Modular VDI Basement 0° type "B"

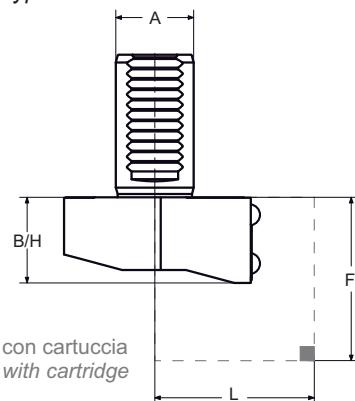
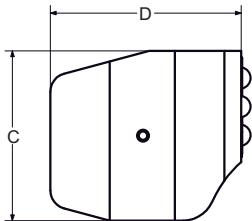


Codice Articolo Item Code	A	B	C	D	H	L	F		Peso Weight	Prezzo Price
MTS-VDI30-B3C-B	30	33	64	75	21	70	46		1,20 kg	€ 200,00
MTS-VDI40-B3C-B	40	35	80	79	23	70	48		1,90 kg	€ 215,00
MTS-VDI50-B3C-B	50	35	90	85	23	70	48		2,90 kg	€ 220,00

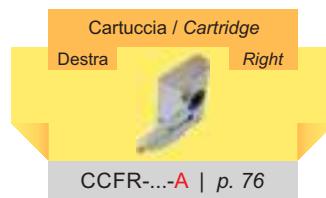


MTS-VDI...-C3C-A

Base Modulare 90° con Attacco VDI tipo "A" / Modular VDI Basement 90° type "A"

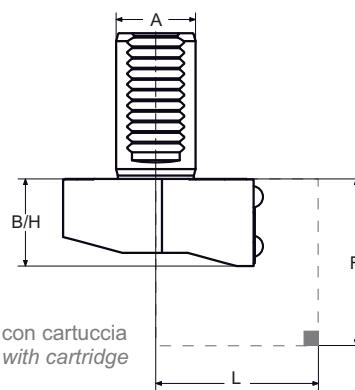
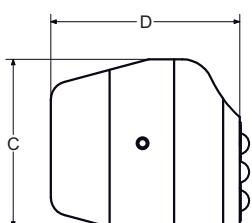


Codice Articolo Item Code	A	B	C	D	H	L	F	Peso Weight	Prezzo Price
MTS-VDI30-C3C-A	30	33	64	72	33	62	63	1,20 kg	€ 200,00
MTS-VDI40-C3C-A	40	33	80	76	33	61	63	1,80 kg	€ 215,00
MTS-VDI50-C3C-A	50	33	90	87	33	67	63	2,70 kg	€ 220,00



MTS-VDI...-C1C-B

Base Modulare 90° con Attacco VDI tipo "B" / Modular VDI Basement 90° type "B"

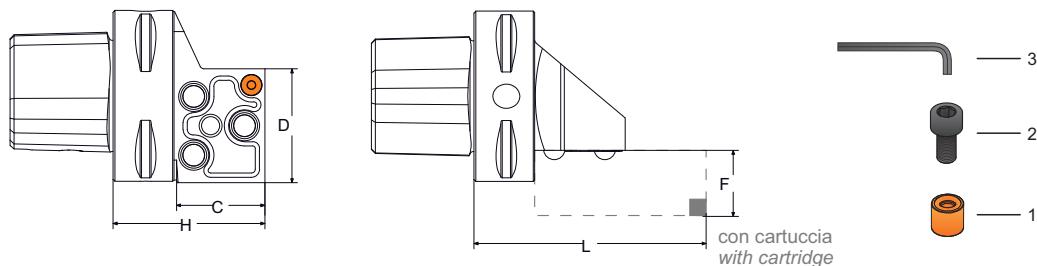


Codice Articolo Item Code	A	B	C	D	H	L	F	Peso Weight	Prezzo Price
MTS-VDI30-C1C-B	30	33	64	72	33	62	63	1,20 kg	€ 200,00
MTS-VDI40-C1C-B	40	33	80	76	33	61	63	1,80 kg	€ 215,00
MTS-VDI50-C1C-B	50	33	90	87	33	67	63	2,70 kg	€ 220,00



MTS-C...-B1C-A

Base Modulare 0° con Attacco "Poligonale" tipo "A" ISO 26623-1 / Modular "Polygonal" Basement 0° type "A" ISO 26623-1

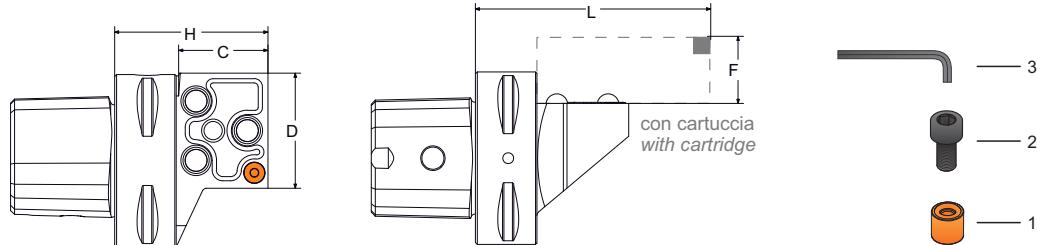


Codice Articolo Item Code	Attacco Shank Coupling	C	D	H	L	F	Peso Weight	Prezzo Price
MTS-C04-B1C-A	C04	33	42	54	84	25	0,45 kg	€ 349,00
MTS-C05-B1C-A	C05	33	42	54	84	25	0,65 kg	€ 359,00
MTS-C06-B1C-A	C06	33	42	56	86	25	1,00 kg	€ 369,00



MTS-C...-B3C-B

Base Modulare 0° con Attacco "Poligonale" tipo "B" ISO 26623-1 / Modular "Polygonal" Basement 0° type "B" ISO 26623-1

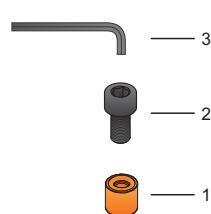
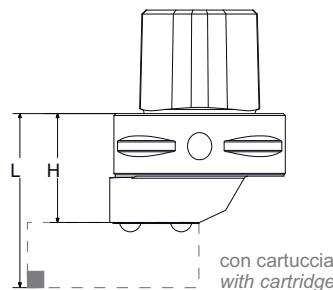
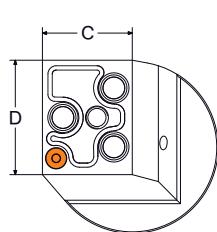


Codice Articolo Item Code	Attacco Shank Coupling	C	D	H	L	F	Peso Weight	Prezzo Price
MTS-C04-B3C-B	C04	33	42	54	84	25	0,45 kg	€ 379,00
MTS-C05-B3C-B	C05	33	42	54	84	25	0,65 kg	€ 389,00
MTS-C06-B3C-B	C06	33	42	56	86	25	1,00 kg	€ 399,00



MTS-C...-C3C-A

Base Modulare 90° con Attacco "Poligonale" tipo "A" ISO 26623-1 / Modular "Polygonal" Basement 90° type "A" ISO 26623-1

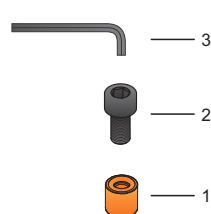
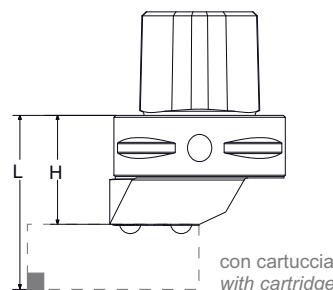
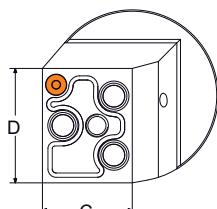


Codice Articolo Item Code	Attacco Shank Coupling	C	D	H	L			Peso Weight	Prezzo Price
MTS-C04-C3C-A	C04	33	42	38	52			0,45 kg	€ 349,00
MTS-C05-C3C-A	C05	33	42	38	52			0,65 kg	€ 359,00
MTS-C06-C3C-A	C06	33	42	40	54			1,00 kg	€ 369,00



MTS-C...-C1C-B

Base Modulare 90° con Attacco "Poligonale" tipo "B" ISO 26623-1 / Modular "Polygonal" Basement 90° type "B" ISO 26623-1



Codice Articolo Item Code	Attacco Shank Coupling	C	D	H	L			Peso Weight	Prezzo Price
MTS-C04-C1C-B	C04	33	42	38	52			0,45 kg	€ 379,00
MTS-C05-C1C-B	C05	33	42	38	52			0,65 kg	€ 389,00
MTS-C06-C1C-B	C06	33	42	40	54			1,00 kg	€ 399,00



Guida semplificata accoppiamento Basi - Cartucce

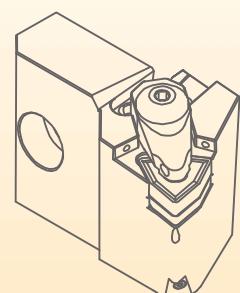
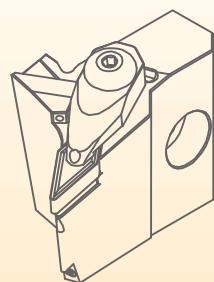
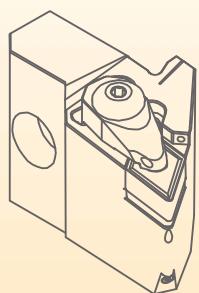
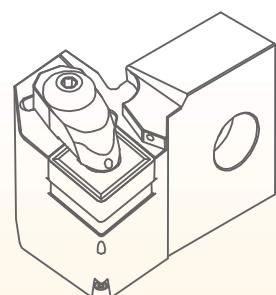
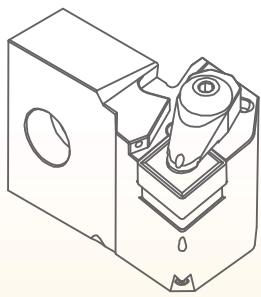
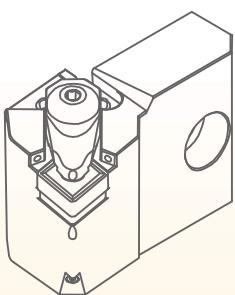
Simplified guide coupling Basements - Cartridges

Tipo di Cartuccia Cartridge Type	Basi Modulari / Modular Basements							
	B1 Radiale DX Radial R	B2 Radiale SX Radial L	B3 Radiale DX rovesciato Radial R upside-down	B4 Radiale SX rovesciato Radial L upside-down	C1 Assiale DX Axial R	C2 Assiale SX Axial L	C3 Assiale DX rovesciato Axial R upside-down	C4 Assiale SX rovesciato Axial L upside-down
MTS-...-A ISO Radiale SX ISO Radial L	○	✗	✗	○	✗	○	○	✗
MTS-...-B ISO Radiale DX ISO Radial R	✗	○	○	✗	○	✗	✗	○
CCGL-...-A Scanal. Radiale SX Grooving Radial L	○	✗	✗	○	✗	○	○	✗
CCGR-...-B Scanal. Radiale DX Grooving Radial R	✗	○	○	✗	○	✗	✗	○
CCFL-...-B Scanal. Assiale SX Grooving Axial L	✗	✗	✗	✗	○	✗	✗	○
CCFR-...-A Scanal. Assiale DX Grooving Axial R	✗	✗	✗	✗	✗	○	○	✗

○ = accoppiamento raccomandato / recommended coupling

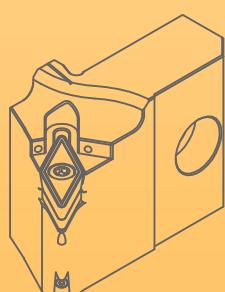
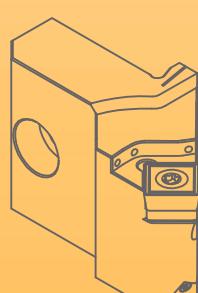
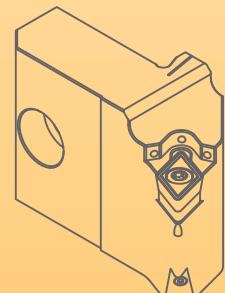
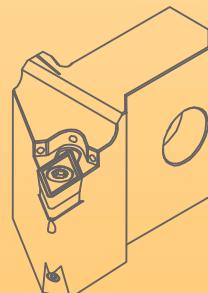
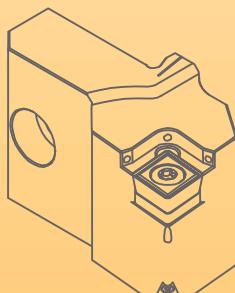
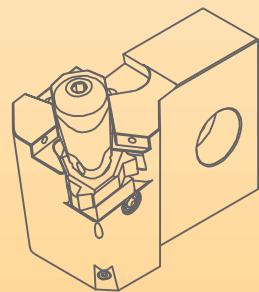
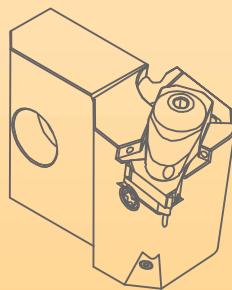
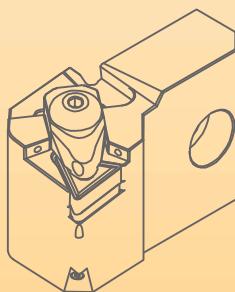
✗ = accoppiamento errato / wrong coupling





Cartucce / Cartridges

ModuLTURN System



Cartucce *ModulTURN System* con *D-System*

Cartridges *D-System ModulTURN System*



DCLNL/R-12/16/19-A/B
pag. 48/49/50



DCKNL/R-12-A/B
pag. 51



DDJNL/R-15-A/B
pag. 52



DSSNL/R-12-A/B
pag. 53



DSKNL/R-12-A/B
pag. 54



DTJNL/R-16-A/B
pag. 55



DVJNL/R-16-A/B
pag. 56



DWLNL/R-08-A/B
pag. 57

Cartucce *ModulTURN System* con *S-System*

Cartridges *S-System ModulTURN System*



SCLCL/R-12-A/B
pag. 58



SDJCL/R-11-A/B
pag. 59



SDHCL/R-11-A/B
pag. 60



SRDCL/R-08-A/B
pag. 61



SRDCL/R-12-A/B
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SSSCL/R-12-A/B
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SVPBL/R-16-A/B
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SVPCL/R-16-A/B
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SVJBL/R-16-A/B
pag. 66



SVJCL/R-16-A/B
pag. 67



SVVBN-16-A/B
pag. 68



SVVCN-16-A/B
pag. 69

Le immagini sono puramente a scopo illustrativo e raffigurano cartucce destre
Pictures are for illustrative purposes only and represent right-handed cartridges



Cartucce *ModulTURN System* per *Filettatura*

Cartridges for *Threading ModulTURN*



D-System

DEL/R-16/22-A/B
pag. 70/71



S-System

SEL/R-16-A/B
pag. 72

Cartucce *ModulTURN System* per *Seeger*

Cartridges for *Seeger ModulTURN*



CESL/R-16-A/B
pag. 73

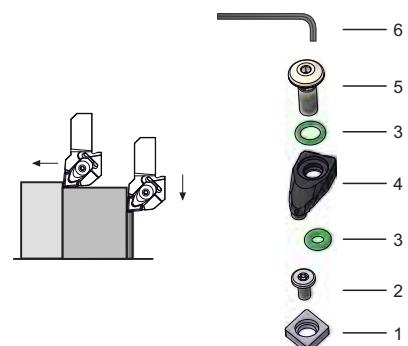
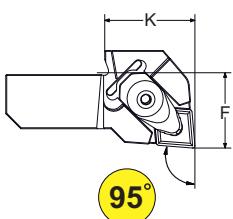
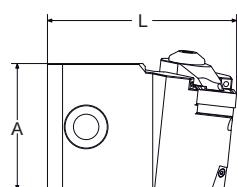
Le immagini sono puramente a scopo illustrativo e raffigurano cartucce destre
Pictures are for illustrative purposes only and represent right-handed cartridges



MTS-DCLNL-12-A

D-System

Cartucce per Tornitura con inserto CN.. / Turning Cartridges with CN.. insert



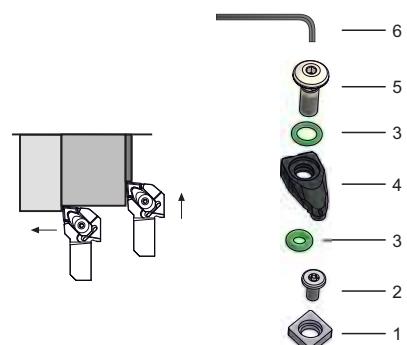
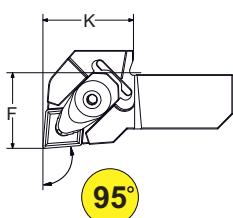
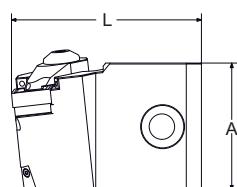
Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-DCLNL-12-A	25	30	63	42	CN..12	0,37 kg	€ 160,00

Base / Basements	Parti di Ricambio / Spare Parts					
	1	2	3	4	5	6
MTS-...-B1B4C-A p. 28	S8012P	VD0408	OR-SET (10+10 pcs)	CTC001	V6017	CBR30

MTS-DCLNR-12-B

D-System

Cartucce per Tornitura con inserto CN.. / Turning Cartridges with CN.. insert



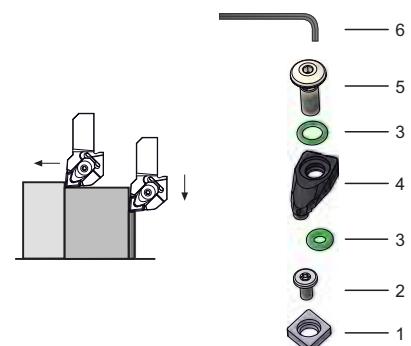
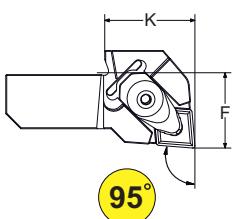
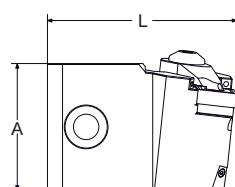
Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-DCLNR-12-B	25	30	63	42	CN..12	0,37 kg	€ 160,00

Base / Basements	Parti di Ricambio / Spare Parts					
	1	2	3	4	5	6
MTS-...-B2B3C-B p. 28	S8012P	VD0408	OR-SET (10+10 pcs)	CTC001	V6017	CBR30

MTS-DCLNL-16-A

D-System

Cartucce per Tornitura con inserto CN.. / Turning Cartridges with CN.. insert



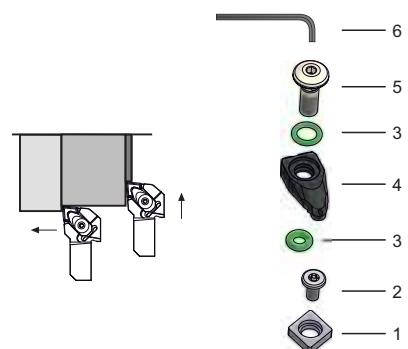
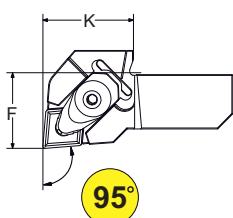
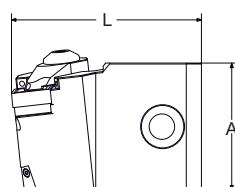
Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-DCLNL-16-A	25	30	63	42	CN..16	0,45 kg	€ 205,00

Base / Basements	Parti di Ricambio / Spare Parts					
	1	2	3	4	5	6
MTS-...-B1B4C-A p. 28	S8016N	VD0510	OR-SET (10+10 pcs)	CTC050	V6017	CBR30

MTS-DCLNR-16-B

D-System

Cartucce per Tornitura con inserto CN.. / Turning Cartridges with CN.. insert



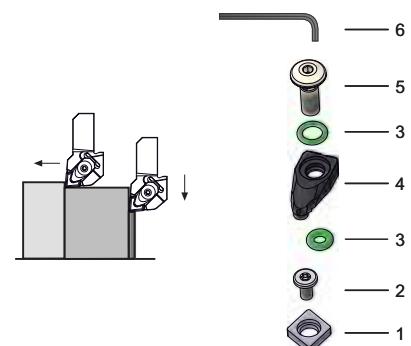
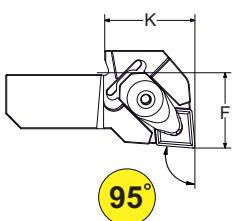
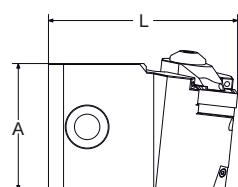
Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-DCLNR-16-B	25	30	63	42	CN..16	0,45 kg	€ 205,00

Base / Basements	Parti di Ricambio / Spare Parts					
	1	2	3	4	5	6
MTS-...-B2B3C-B p. 28	S8016N	VD0510	OR-SET (10+10 pcs)	CTC049	V6017	CBR30

MTS-DCLNL-19-A

D-System

Cartucce per Tornitura con inserto CN.. / Turning Cartridges with CN.. insert



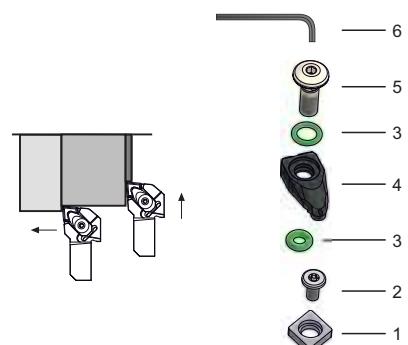
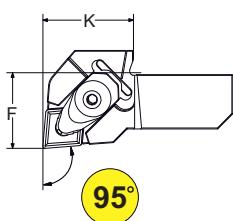
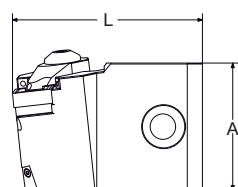
Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-DCLNL-19-A	25	30	63	42	CN..19	0,58 kg	€ 220,00

Base / Basements	Parti di Ricambio / Spare Parts					
	1	2	3	4	5	6
MTS-...-B1B4C-A p. 28	S8019N	VD0610	OR-SET (10+10 pcs)	CTC052	V6017	CBR30

MTS-DCLNR-19-B

D-System

Cartucce per Tornitura con inserto CN.. / Turning Cartridges with CN.. insert



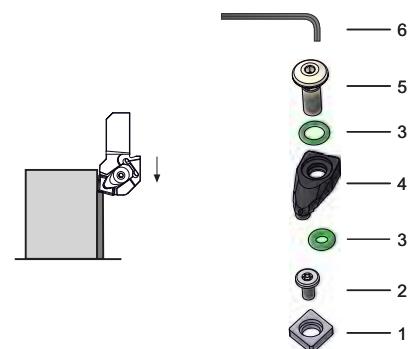
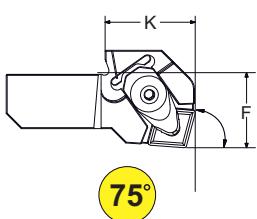
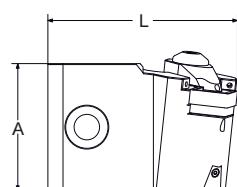
Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-DCLNR-19-B	25	30	63	42	CN..19	0,58 kg	€ 220,00

Base / Basements	Parti di Ricambio / Spare Parts					
	1	2	3	4	5	6
MTS-...-B2B3C-B p. 28	S8019N	VD0610	OR-SET (10+10 pcs)	CTC051	V6017	CBR30

MTS-DCKNL-12-A

D-System

Cartucce per Tornitura con inserto CN.. / Turning Cartridges with CN.. insert



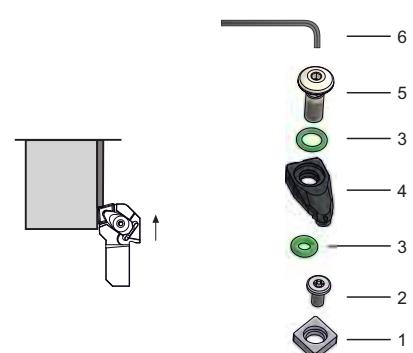
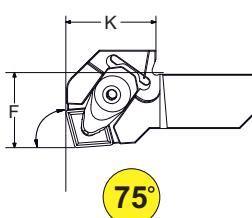
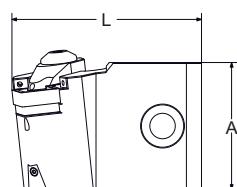
Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-DCKNL-12-A	25	30	63	42	CN..12	0,37 kg	€ 160,00

Base / Basements	Parti di Ricambio / Spare Parts					
	1	2	3	4	5	6
MTS-...-B1B4C-A p. 28	S8012P	VD0408	OR-SET (10+10 pcs)	CTC001	V6017	CBR30

MTS-DCKNR-12-B

D-System

Cartucce per Tornitura con inserto CN.. / Turning Cartridges with CN.. insert



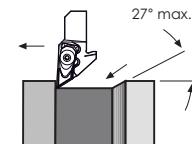
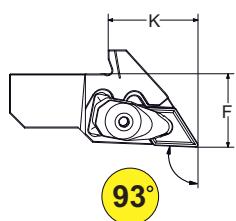
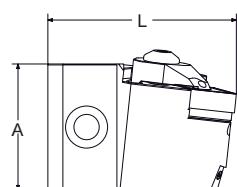
Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-DCKNR-12-B	25	30	63	42	CN..12	0,37 kg	€ 160,00

Base / Basements	Parti di Ricambio / Spare Parts					
	1	2	3	4	5	6
MTS-...-B2B3C-B p. 28	S8012P	VD0408	OR-SET (10+10 pcs)	CTC001	V6017	CBR30

MTS-DDJNL-15-A

D-System

Cartucce per Tornitura con inserto DN.. / Turning Cartridges with DN.. insert



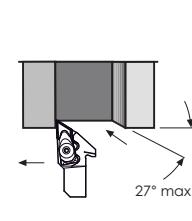
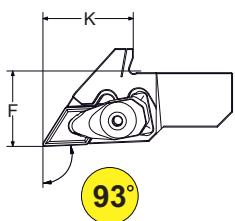
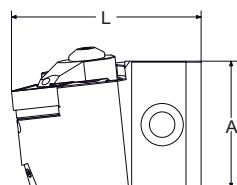
Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-DDJNL-15-A	25	30	63	42	DN..15	0,37 kg	€ 160,00

Base / Basements	Parti di Ricambio / Spare Parts					
	1 S5515D	2 VD0408	3 OR-SET (10+10 pcs)	4 CTC002	5 V6017	6 CBR30
MTS-...-B1B4C-A p. 28	€ 8,00	€ 4,00	€ 11,00	€ 22,00	€ 6,00	€ 4,00

MTS-DDJNR-15-B

D-System

Cartucce per Tornitura con inserto DN.. / Turning Cartridges with DN.. insert



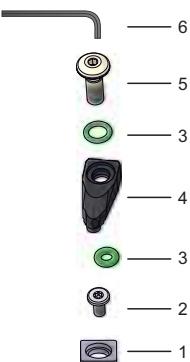
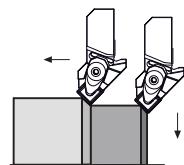
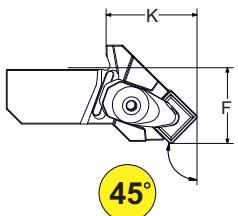
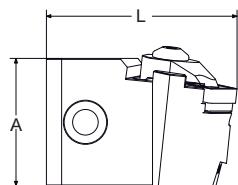
Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-DDJNR-15-B	25	30	63	42	DN..15	0,37 kg	€ 160,00

Base / Basements	Parti di Ricambio / Spare Parts					
	1 S5515D	2 VD0408	3 OR-SET (10+10 pcs)	4 CTC003	5 V6017	6 CBR30
MTS-...-B2B3C-B p. 28	€ 8,00	€ 4,00	€ 11,00	€ 22,00	€ 6,00	€ 4,00

MTS-DSSNL-12-A

D-System

Cartucce per Tornitura con inserto SN.. / Turning Cartridges with SN.. insert



Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-DSSNL-12-A	25	30	63	42	SN..12	0,37 kg	€ 160,00

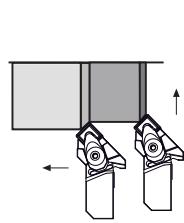
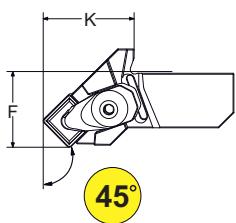
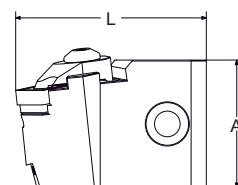


Parti di Ricambio / Spare Parts					
1	2	3	4	5	6
S9012P	VD0408	OR-SET (10+10 pcs)	CTC003	V6017	CBR30
€ 8,00	€ 4,00	€ 11,00	€ 22,00	€ 6,00	€ 4,00

MTS-DSSNR-12-B

D-System

Cartucce per Tornitura con inserto SN.. / Turning Cartridges with SN.. insert



Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-DSSNR-12-B	25	30	63	42	SN..12	0,37 kg	€ 160,00

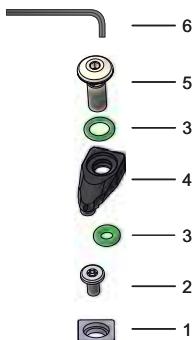
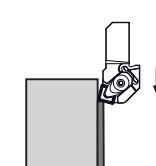
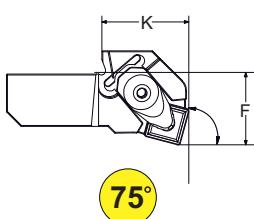
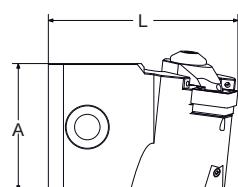


Parti di Ricambio / Spare Parts					
1	2	3	4	5	6
S9012P	VD0408	OR-SET (10+10 pcs)	CTC002	V6017	CBR30
€ 8,00	€ 4,00	€ 11,00	€ 22,00	€ 6,00	€ 4,00

MTS-DSKNL-12-A

D-System

Cartucce per Tornitura con inserto SN.. / Turning Cartridges with SN.. insert



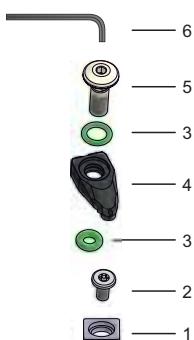
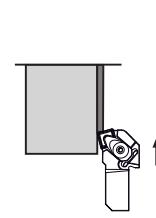
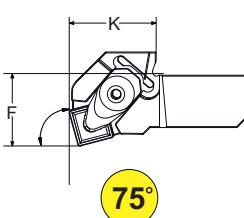
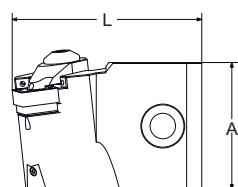
Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-DSKNL-12-A	25	30	63	42	SN..12	0,37 kg	€ 160,00

Base / Basements	Parti di Ricambio / Spare Parts					
	1		2		3	
MTS-...-B1B4C-A p. 28	S9012P	VD0408	OR-SET (10+10 pcs)	CTC001	V6017	CBR30
	€ 8,00	€ 4,00	€ 11,00	€ 22,00	€ 6,00	€ 4,00

MTS-DSKNR-12-B

D-System

Cartucce per Tornitura con inserto SN.. / Turning Cartridges with SN.. insert



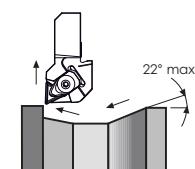
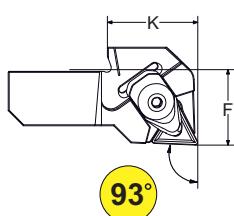
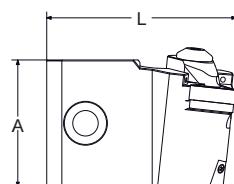
Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-DSKNR-12-B	25	30	63	42	SN..12	0,37 kg	€ 160,00

Base / Basements	Parti di Ricambio / Spare Parts					
	1		2		3	
MTS-...-B2B3C-B p. 28	S9012P	VD0408	OR-SET (10+10 pcs)	CTC001	V6017	CBR30
	€ 8,00	€ 4,00	€ 11,00	€ 22,00	€ 6,00	€ 4,00

MTS-DTJNL-16-A

D-System

Cartucce per Tornitura con inserto TN.. / Turning Cartridges with TN.. insert



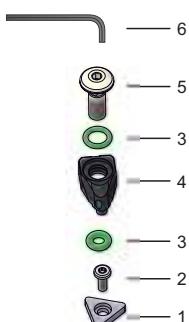
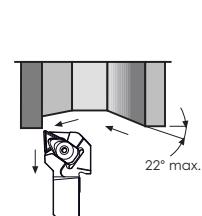
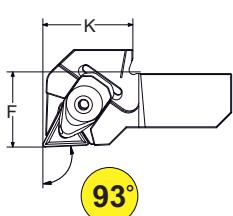
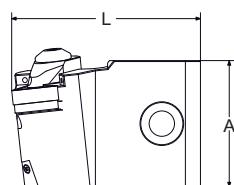
Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-DTJNL-16-A	25	30	63	42	TN..16	0,37 kg	€ 160,00

Base / Basements	Parti di Ricambio / Spare Parts					
	1	S6016D	2	VD0308	3	OR-SET (10+10 pcs)
MTS-...-B1B4C-A p. 28		€ 8,00		€ 4,00		€ 11,00
	4	CTC005	5	V6017	6	CBR30
		€ 22,00		€ 6,00		€ 4,00

MTS-DTJNR-16-B

D-System

Cartucce per Tornitura con inserto TN.. / Turning Cartridges with TN.. insert



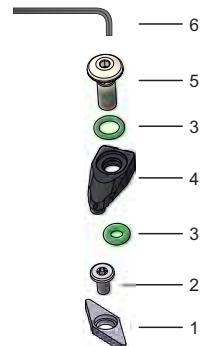
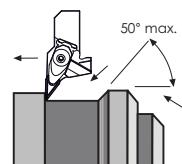
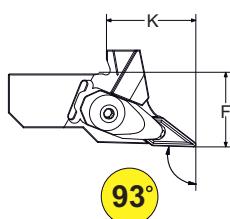
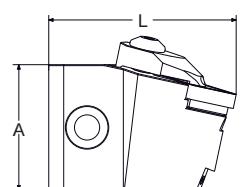
Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-DTJNR-16-B	25	30	63	42	TN..16	0,37 kg	€ 160,00

Base / Basements	Parti di Ricambio / Spare Parts					
	1	S6016D	2	VD0308	3	OR-SET (10+10 pcs)
MTS-...-B2B3C-B p. 28		€ 8,00		€ 4,00		€ 11,00
	4	CTC006	5	V6017	6	CBR30
		€ 22,00		€ 6,00		€ 4,00

MTS-DVJNL-16-A

D-System

Cartucce per Tornitura con inserto VN.. / Turning Cartridges with VN.. insert



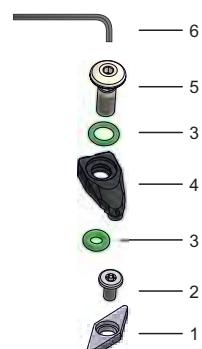
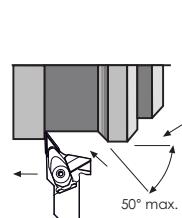
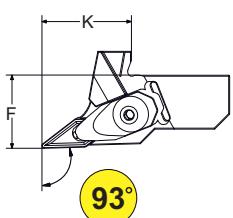
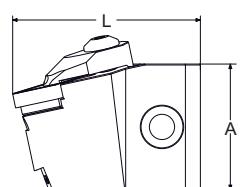
Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-DVJNL-16-A	25	30	63	42	VN..16	0,37 kg	€ 160,00

Base / Basements	Parti di Ricambio / Spare Parts
	1 S3516P TX4007 OR-SET (10+10 pcs) CTC007 V6017 CBR30
MTS-...-B1B4C-A p. 28	€ 8,00 € 6,00 € 11,00 € 22,00 € 6,00 € 4,00

MTS-DVJNR-16-B

D-System

Cartucce per Tornitura con inserto VN.. / Turning Cartridges with VN.. insert



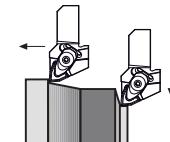
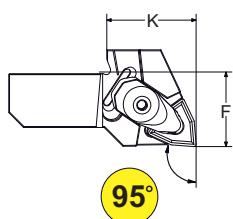
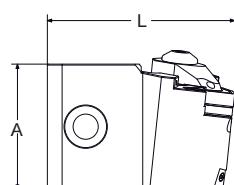
Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-DVJNR-16-B	25	30	63	42	VN..16	0,37 kg	€ 160,00

Base / Basements	Parti di Ricambio / Spare Parts
	1 S3516P TX4007 OR-SET (10+10 pcs) CTC007 V6017 CBR30
MTS-...-B2B3C-B p. 28	€ 8,00 € 6,00 € 11,00 € 22,00 € 6,00 € 4,00

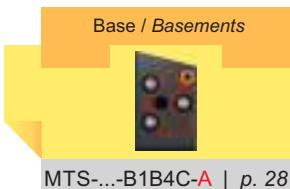
MTS-DWLNL-08-A

D-System

Cartucce per Tornitura con inserto WN.. / Turning Cartridges with WN.. insert



Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-DWLNL-08-A	25	30	63	42	WN..08	0,37 kg	€ 160,00

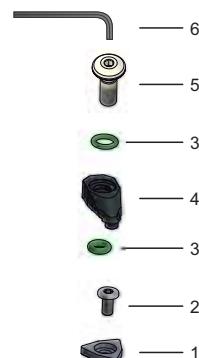
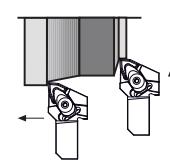
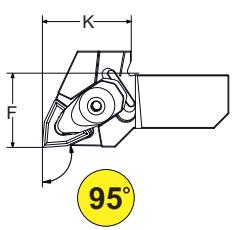
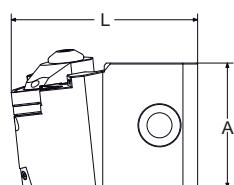


Parti di Ricambio / Spare Parts						
Base / Basements	1	2	3	4	5	6
MTS-...-B1B4C-A p. 28	S8008P	VD0408	OR-SET (10+10 pcs)	CTC002	V6017	CBR30

MTS-DWLNR-08-B

D-System

Cartucce per Tornitura con inserto WN.. / Turning Cartridges with WN.. insert



Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-DWLNR-08-B	25	30	63	42	WN..08	0,37 kg	€ 160,00

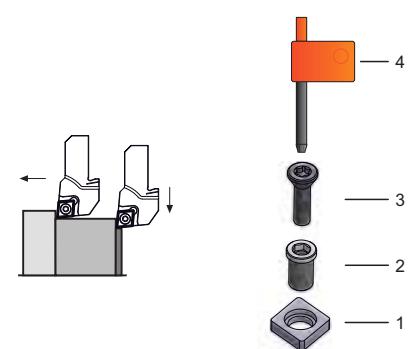
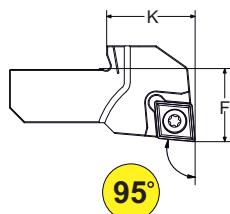
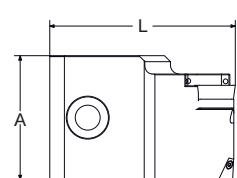


Parti di Ricambio / Spare Parts						
Base / Basements	1	2	3	4	5	6
MTS-...-B2B3C-B p. 28	S8008P	VD0408	OR-SET (10+10 pcs)	CTC003	V6017	CBR30

MTS-SCLCL-12-A

S-System

Cartucce per Tornitura con inserto CC.. / Turning Cartridges with CC.. insert



Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-SCLCL-12-A	25	30	63	42	CC..12	0,32 kg	€ 140,00

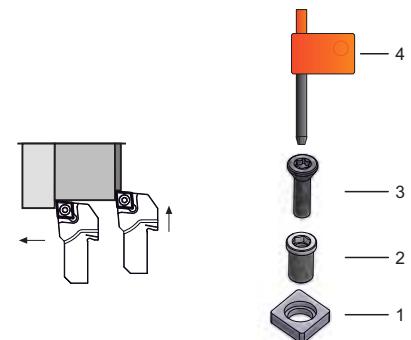
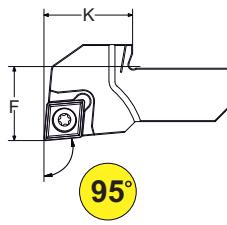
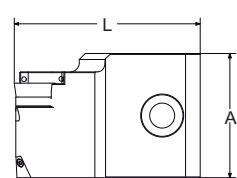
Base / Basements	Parti di Ricambio / Spare Parts			
	1 S8012P	2 B0609	3 TX4014	4 BTX15

MTS-...-B1B4C-A | p. 28

MTS-SCLCR-12-B

S-System

Cartucce per Tornitura con inserto CC.. / Turning Cartridges with CC.. insert



Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-SCLCR-12-B	25	30	63	42	CC..12	0,32 kg	€ 140,00

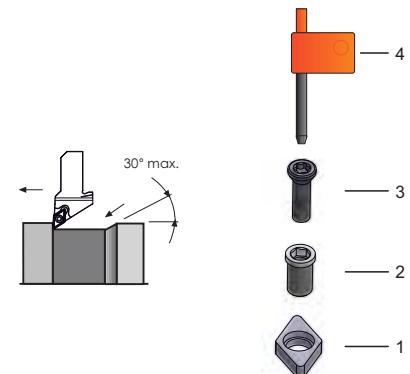
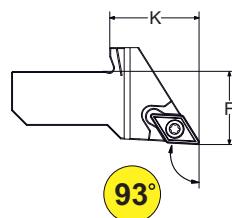
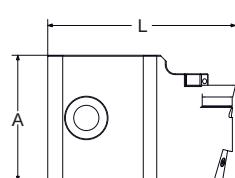
Base / Basements	Parti di Ricambio / Spare Parts			
	1 S8012P	2 B0609	3 TX4014	4 BTX15

MTS-...-B2B3C-B | p. 28

MTS-SDJCL-11-A

S-System

Cartucce per Tornitura con inserto DC.. / Turning Cartridges with DC.. insert



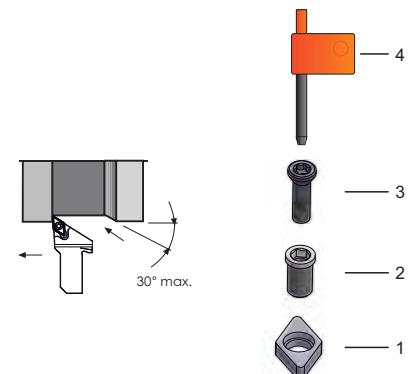
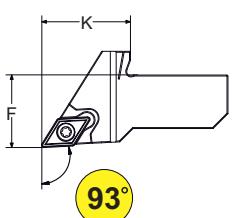
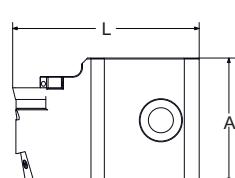
Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-SDJCL-11-A	25	30	63	42	DC..11	0,32 kg	€ 140,00

Base / Basements	Parti di Ricambio / Spare Parts			
 MTS-...-B1B4C-A p. 28	1 S5511P	2 B0509	3 TX3513	4 BTX15

MTS-SDJCR-11-B

S-System

Cartucce per Tornitura con inserto DC.. / Turning Cartridges with DC.. insert



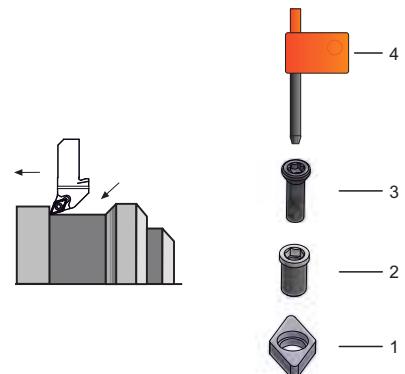
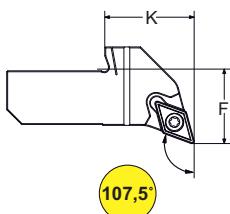
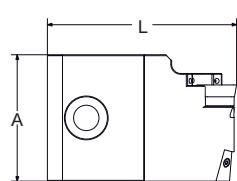
Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-SDJCR-11-B	25	30	63	42	DC..11	0,32 kg	€ 140,00

Base / Basements	Parti di Ricambio / Spare Parts			
 MTS-...-B2B3C-B p. 28	1 S5511P	2 B0509	3 TX3513	4 BTX15

MTS-SDHCL-11-A

S-System

Cartucce per Tornitura con inserto DC.. / Turning Cartridges with DC.. insert



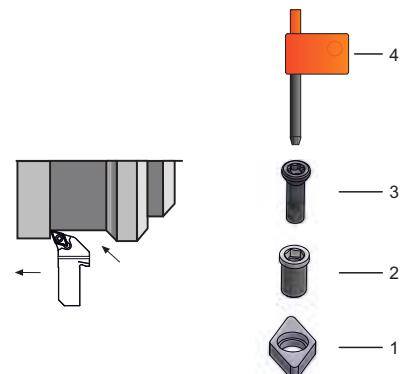
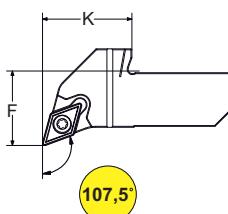
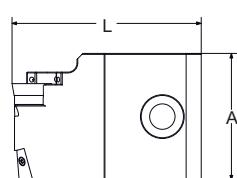
Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-SDHCL-11-A	25	30	63	42	DC..11	0,32 kg	€ 140,00

Base / Basements	Parti di Ricambio / Spare Parts			
 MTS-...-B1B4C-A p. 28	1 S5511P	2 B0509	3 TX3513	4 BTX15

MTS-SDHCR-11-B

S-System

Cartucce per Tornitura con inserto DC.. / Turning Cartridges with DC.. insert



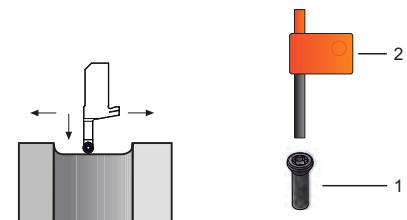
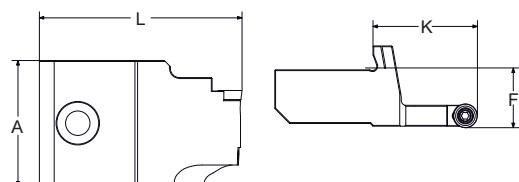
Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-SDHCR-11-B	25	30	63	42	DC..11	0,32 kg	€ 140,00

Base / Basements	Parti di Ricambio / Spare Parts			
 MTS-...-B2B3C-B p. 28	1 S5511P	2 B0509	3 TX3513	4 BTX15

MTS-SRDCL-08-A

S-System

Cartucce per Tornitura con inserto RC.. / Turning Cartridges with RC.. insert



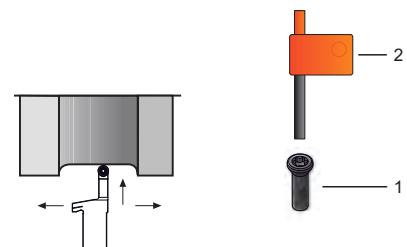
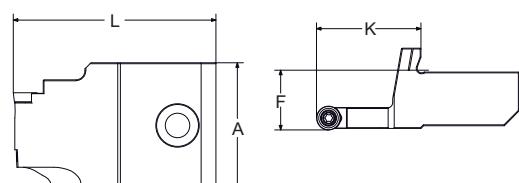
Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-SRDCL-08-A	20	35	68	42	RC..08	0,32 kg	€ 140,00

Base / Basements	Parti di Ricambio / Spare Parts	
	1 TX3007	2 BTX15
MTS-...-B1B4C-A p. 28	€ 5,00	€ 8,00

MTS-SRDCL-08-B

S-System

Cartucce per Tornitura con inserto RC.. / Turning Cartridges with RC.. insert



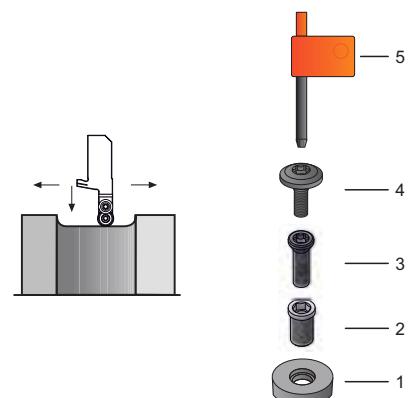
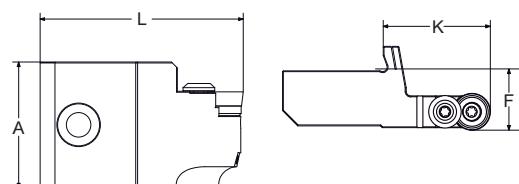
Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-SRDCL-08-B	20	35	68	42	RC..08	0,32 kg	€ 140,00

Base / Basements	Parti di Ricambio / Spare Parts	
	1 TX3007	2 BTX15
MTS-...-B2B3C-B p. 28	€ 5,00	€ 8,00

MTS-SRDCL-12-A

S-System

Cartucce per Tornitura con inserto RC.. / Turning Cartridges with RC.. insert



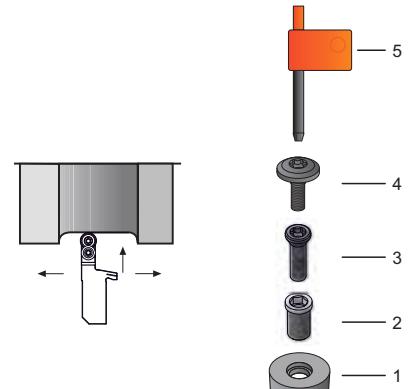
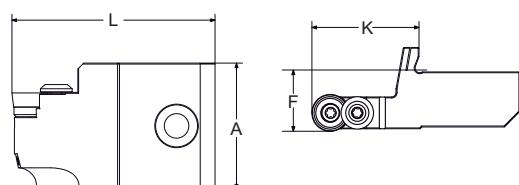
Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-SRDCL-12-A	20	35	68	42	RC..12	0,32 kg	€ 140,00

Base / Basements	Parti di Ricambio / Spare Parts				
	1 S0012P € 9,00	2 B0509 € 5,00	3 TX3511 € 5,00	4 TXST3507 € 8,00	5 BTX15 € 8,00
MTS-...-B1B4C-A p. 28					

MTS-SRDCL-12-B

S-System

Cartucce per Tornitura con inserto RC.. / Turning Cartridges with RC.. insert



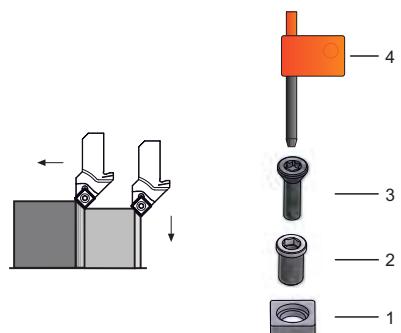
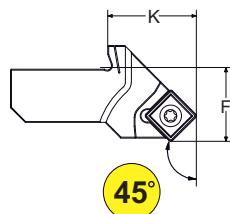
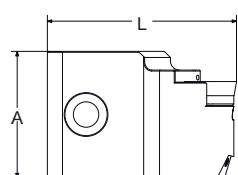
Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-SRDCL-12-B	20	35	68	42	RC..12	0,32 kg	€ 140,00

Base / Basements	Parti di Ricambio / Spare Parts				
	1 S0012P € 9,00	2 B0509 € 5,00	3 TX3511 € 5,00	4 TXST3507 € 8,00	5 BTX15 € 8,00
MTS-...-B2B3C-B p. 28					

MTS-SSSCL-12-A

S-System

Cartucce per Tornitura con inserto SC.. / Turning Cartridges with SC.. insert



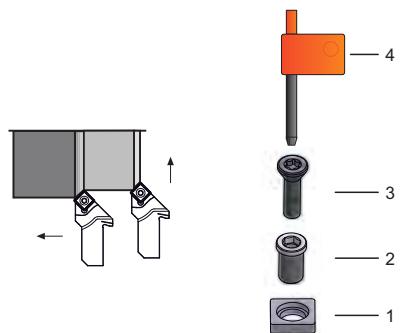
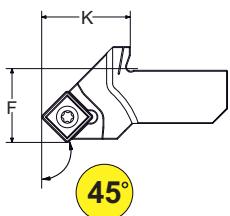
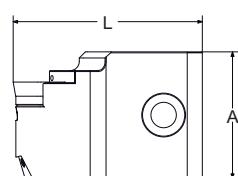
Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-SSSCL-12-A	25	30	63	42	SC..12	0,32 kg	€ 140,00

Base / Basements	Parti di Ricambio / Spare Parts			
 MTS-...-B1B4C-A p. 28	1 S9012P	2 B0609	3 TX4014	4 BTX15

MTS-SSSCR-12-B

S-System

Cartucce per Tornitura con inserto SC.. / Turning Cartridges with SC.. insert



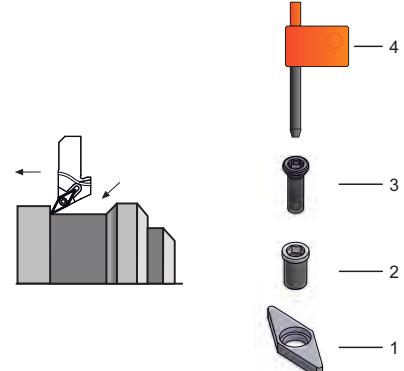
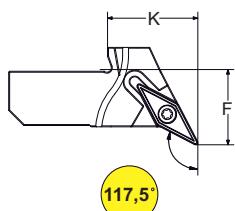
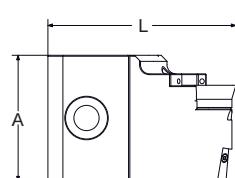
Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-SSSCR-12-B	25	30	63	42	SC..12	0,32 kg	€ 140,00

Base / Basements	Parti di Ricambio / Spare Parts			
 MTS-...-B2B3C-B p. 28	1 S9012P	2 B0609	3 TX4014	4 BTX15

MTS-SVPBL-16-A

S-System

Cartucce per Tornitura con inserto VB.. / Turning Cartridges with VB.. insert



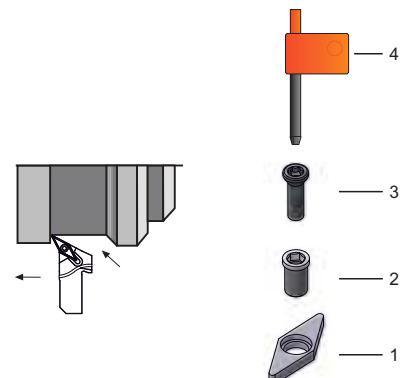
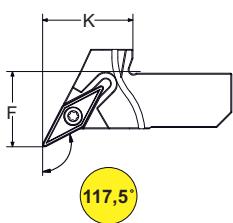
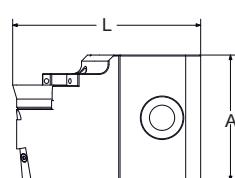
Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-SVPBL-16-A	25	30	63	42	VB..16	0,32 kg	€ 140,00

Base / Basements	Parti di Ricambio / Spare Parts			
 MTS-...-B1B4C-A p. 28	1 S3516P € 8,00	2 B0509 € 5,00	3 TX3513 € 6,00	4 BTX15 € 8,00

MTS-SVPBR-16-B

S-System

Cartucce per Tornitura con inserto VB.. / Turning Cartridges with VB.. insert



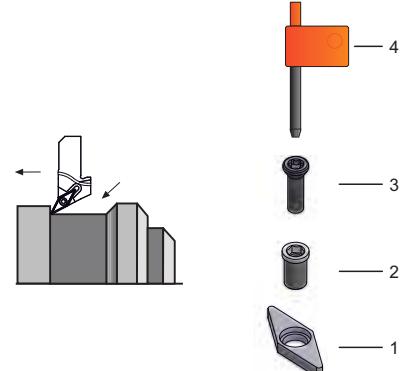
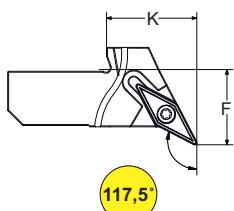
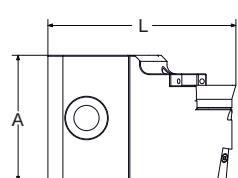
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MTS-SVPBR-16-B	25	30	63	42	VB..16	0,32 kg	€ 140,00

Base / Basements	Parti di Ricambio / Spare Parts			
 MTS-...-B2B3C-B p. 28	1 S3516P € 8,00	2 B0509 € 5,00	3 TX3513 € 6,00	4 BTX15 € 8,00

MTS-SVPCl-16-A

S-System

Cartucce per Tornitura con inserto VC.. / Turning Cartridges with VC.. insert



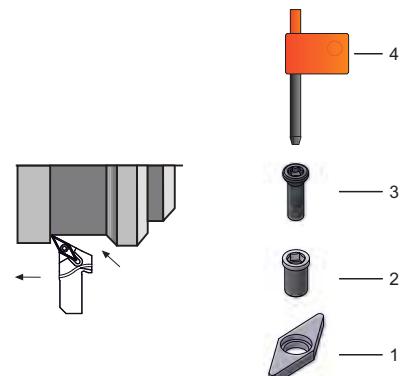
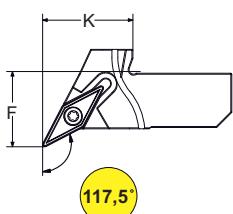
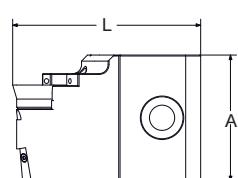
Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-SVPCl-16-A	25	30	63	42	VC..16	0,32 kg	€ 140,00

Base / Basements	Parti di Ricambio / Spare Parts			
 MTS-...-B1B4C-A p. 28	1 S3516P € 8,00	2 B0509 € 5,00	3 TX3513 € 6,00	4 BTX15 € 8,00

MTS-SVPCR-16-B

S-System

Cartucce per Tornitura con inserto VC.. / Turning Cartridges with VC.. insert



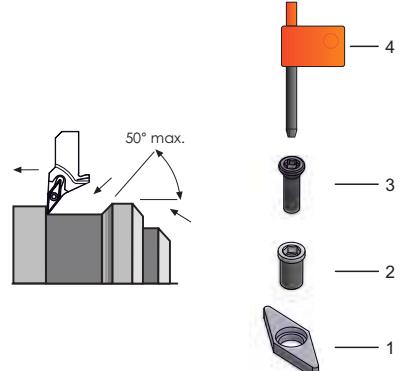
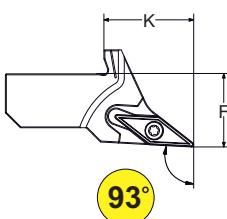
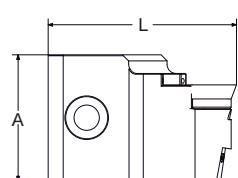
Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-SVPCR-16-B	25	30	63	42	VC..16	0,32 kg	€ 140,00

Base / Basements	Parti di Ricambio / Spare Parts			
 MTS-...-B2B3C-B p. 28	1 S3516P € 8,00	2 B0509 € 5,00	3 TX3513 € 6,00	4 BTX15 € 8,00

MTS-SVJBL-16-A

S-System

Cartucce per Tornitura con inserto VB.. / Turning Cartridges with VB.. insert



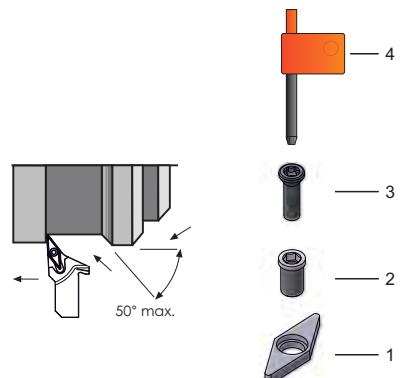
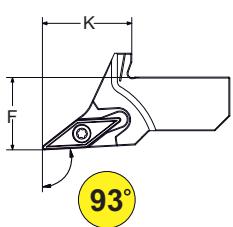
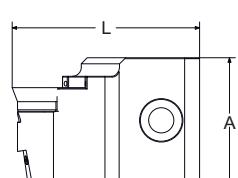
Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-SVJBL-16-A	25	30	63	42	VB..16	0,32 kg	€ 140,00

Base / Basements	Parti di Ricambio / Spare Parts			
MTS-...-B1B4C-A p. 28	1 S3516P	2 B0509	3 TX3513	4 BTX15

MTS-SVJBR-16-B

S-System

Cartucce per Tornitura con inserto VB.. / Turning Cartridges with VB.. insert



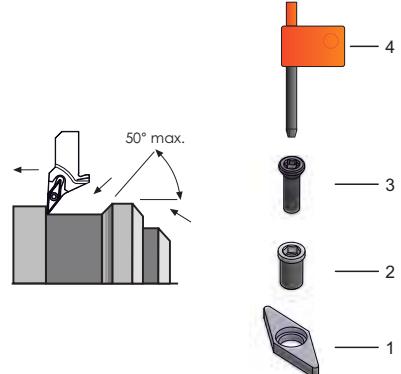
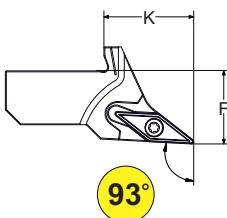
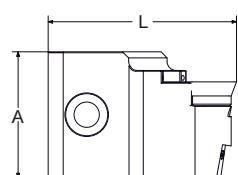
Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-SVJBR-16-B	25	30	63	42	VB..16	0,32 kg	€ 140,00

Base / Basements	Parti di Ricambio / Spare Parts			
MTS-...-B2B3C-B p. 28	1 S3516P	2 B0509	3 TX3513	4 BTX15

MTS-SVJCL-16-A

S-System

Cartucce per Tornitura con inserto VC.. / Turning Cartridges with VC.. insert



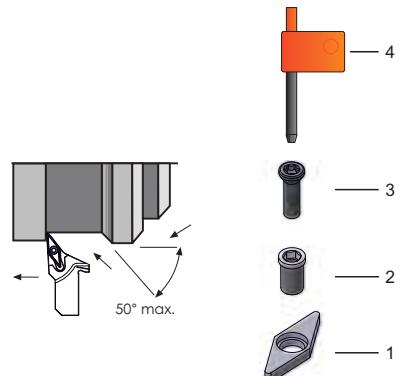
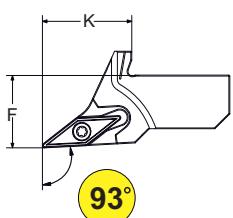
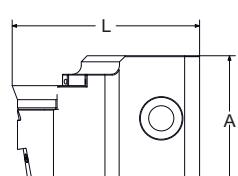
Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-SVJCL-16-A	25	30	63	42	VC..16	0,32 kg	€ 140,00

Base / Basements	Parti di Ricambio / Spare Parts			
MTS-...-B1B4C-A p. 28	1 S3516P € 8,00	2 B0509 € 5,00	3 TX3513 € 6,00	4 BTX15 € 8,00

MTS-SVJCR-16-B

S-System

Cartucce per Tornitura con inserto VC.. / Turning Cartridges with VC.. insert



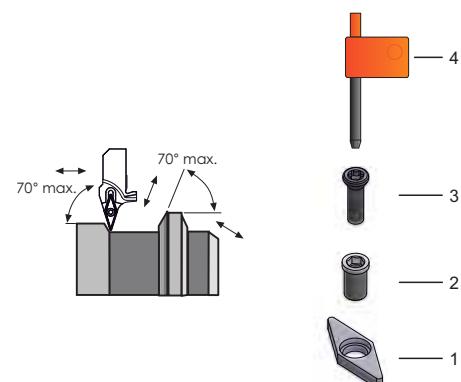
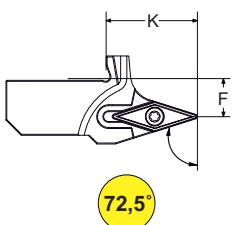
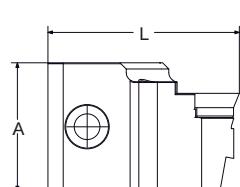
Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-SVJCR-16-B	25	30	63	42	VC..16	0,32 kg	€ 140,00

Base / Basements	Parti di Ricambio / Spare Parts			
MTS-...-B2B3C-B p. 28	1 S3516P € 8,00	2 B0509 € 5,00	3 TX3513 € 6,00	4 BTX15 € 8,00

MTS-SVVB-16-A

S-System

Cartucce per Tornitura con inserto VB.. / Turning Cartridges with VB.. insert



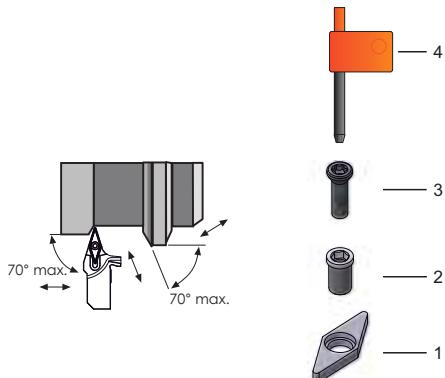
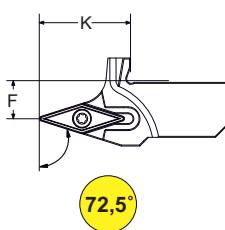
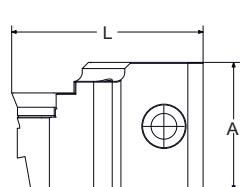
Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-SVVB-16-A	25	30	63	42	VB..16	0,32 kg	€ 140,00

Base / Basements	Parti di Ricambio / Spare Parts			
MTS-...-B1B4C-A p. 28	1 S3516P	2 B0509	3 TX3513	4 BTX15

MTS-SVVB-16-B

S-System

Cartucce per Tornitura con inserto VB.. / Turning Cartridges with VB.. insert



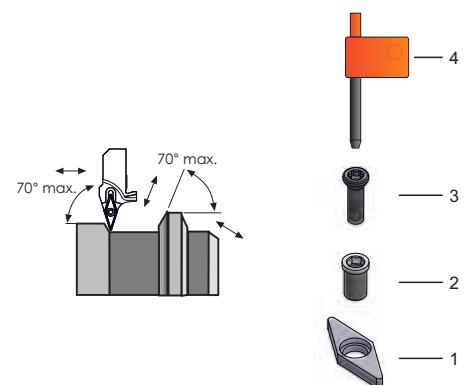
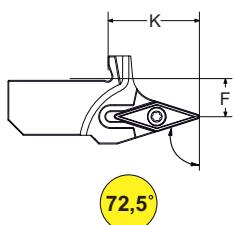
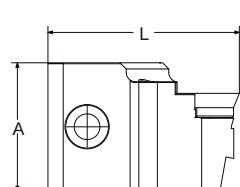
Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-SVVB-16-B	25	30	63	42	VB..16	0,32 kg	€ 140,00

Base / Basements	Parti di Ricambio / Spare Parts			
MTS-...-B2B3C-B p. 28	1 S3516P	2 B0509	3 TX3513	4 BTX15

MTS-SVVCN-16-A

S-System

Cartucce per Tornitura con inserto VC.. / Turning Cartridges with VC.. insert



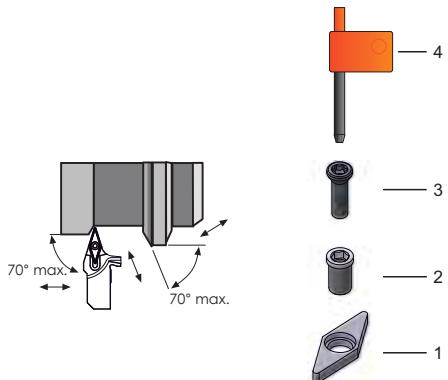
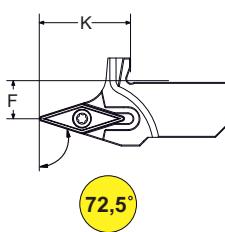
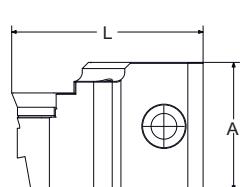
Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-SVVCN-16-A	25	30	63	42	VC..16	0,32 kg	€ 140,00

Base / Basements	Parti di Ricambio / Spare Parts			
MTS-...-B1B4C-A p. 28	1 S3516P € 8,00	2 B0509 € 5,00	3 TX3513 € 6,00	4 BTX15 € 8,00

MTS-SVVCN-16-B

S-System

Cartucce per Tornitura con inserto VC.. / Turning Cartridges with VC.. insert



Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-SVVCN-16-B	25	30	63	42	VC..16	0,32 kg	€ 140,00

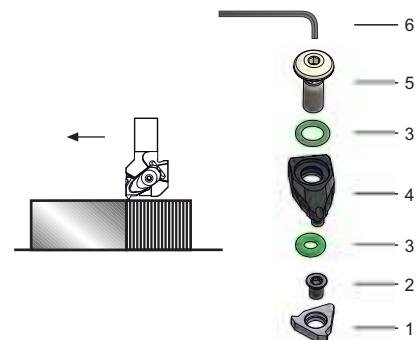
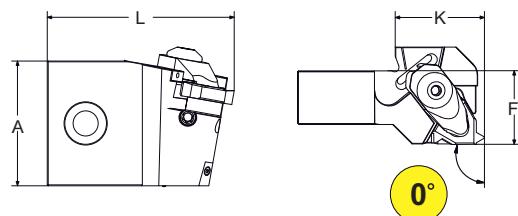
Base / Basements	Parti di Ricambio / Spare Parts			
MTS-...-B2B3C-B p. 28	1 S3516P € 8,00	2 B0509 € 5,00	3 TX3513 € 6,00	4 BTX15 € 8,00

MTS-DEL-16-A

D-System

Cartucce per Tornitura con inserto IR16.. / Turning Cartridges with IR16.. insert

FILETTATURA / THREADING



Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-DEL-16-A	25	30	63	42	IR..16	0,37 kg	€ 160,00

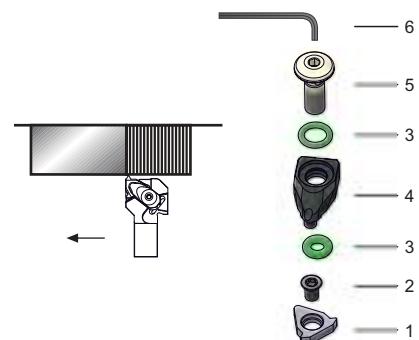
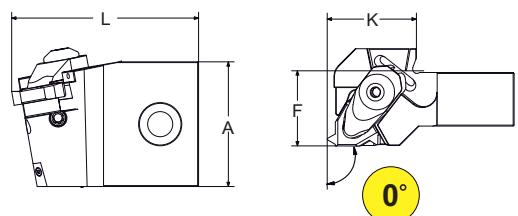
Base / Basements	Parti di Ricambio / Spare Parts																		
 MTS-...-B1B4C-A p. 28	<table> <tr> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> </tr> <tr> <td>AI 16</td> <td>TX3510</td> <td>OR-SET (10+10 pcs)</td> <td>CTC009</td> <td>V6017</td> <td>CBR30</td> </tr> <tr> <td>€ 18,50</td> <td>€ 3,00</td> <td>€ 11,00</td> <td>€ 22,00</td> <td>€ 6,00</td> <td>€ 4,00</td> </tr> </table>	1	2	3	4	5	6	AI 16	TX3510	OR-SET (10+10 pcs)	CTC009	V6017	CBR30	€ 18,50	€ 3,00	€ 11,00	€ 22,00	€ 6,00	€ 4,00
1	2	3	4	5	6														
AI 16	TX3510	OR-SET (10+10 pcs)	CTC009	V6017	CBR30														
€ 18,50	€ 3,00	€ 11,00	€ 22,00	€ 6,00	€ 4,00														

MTS-DER-16-B

D-System

Cartucce per Tornitura con inserto ER16.. / Turning Cartridges with ER16.. insert

FILETTATURA / THREADING



Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-DER-16-B	25	30	63	42	ER..16	0,37 kg	€ 160,00

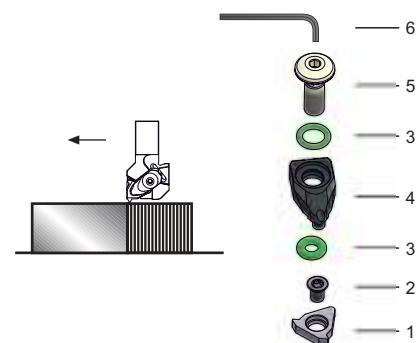
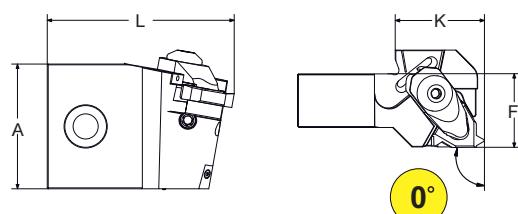
Base / Basements	Parti di Ricambio / Spare Parts																		
 MTS-...-B2B3C-B p. 28	<table> <tr> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> </tr> <tr> <td>AE 16</td> <td>TX3510</td> <td>OR-SET (10+10 pcs)</td> <td>CTC008</td> <td>V6017</td> <td>CBR30</td> </tr> <tr> <td>€ 18,50</td> <td>€ 3,00</td> <td>€ 11,00</td> <td>€ 22,00</td> <td>€ 6,00</td> <td>€ 4,00</td> </tr> </table>	1	2	3	4	5	6	AE 16	TX3510	OR-SET (10+10 pcs)	CTC008	V6017	CBR30	€ 18,50	€ 3,00	€ 11,00	€ 22,00	€ 6,00	€ 4,00
1	2	3	4	5	6														
AE 16	TX3510	OR-SET (10+10 pcs)	CTC008	V6017	CBR30														
€ 18,50	€ 3,00	€ 11,00	€ 22,00	€ 6,00	€ 4,00														

MTS-DEL-22-A

D-System

Cartucce per Tornitura con inserto IR22.. / Turning Cartridges with IR22.. insert

FILETTATURA / THREADING



Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-DEL-22-A	25	30	63	42	IR..22	0,45 kg	€ 205,00

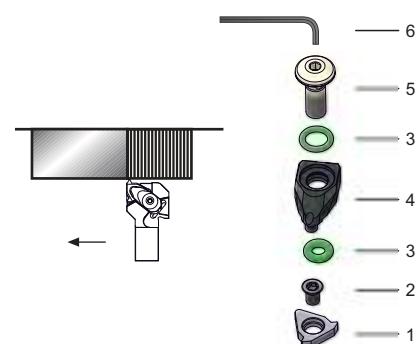
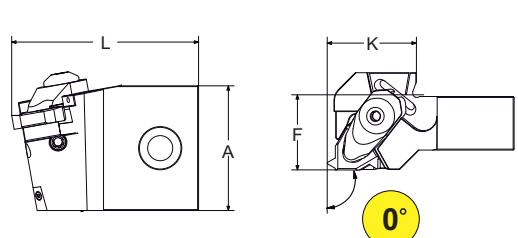
Base / Basements	Parti di Ricambio / Spare Parts																		
	<table border="1"> <tr> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> </tr> <tr> <td>AI 22</td> <td>TX4510</td> <td>OR-SET (10+10 pcs)</td> <td>CTC047</td> <td>V6017</td> <td>CBR30</td> </tr> <tr> <td>€ 23,50</td> <td>€ 5,50</td> <td>€ 11,00</td> <td>€ 22,00</td> <td>€ 6,00</td> <td>€ 4,00</td> </tr> </table>	1	2	3	4	5	6	AI 22	TX4510	OR-SET (10+10 pcs)	CTC047	V6017	CBR30	€ 23,50	€ 5,50	€ 11,00	€ 22,00	€ 6,00	€ 4,00
1	2	3	4	5	6														
AI 22	TX4510	OR-SET (10+10 pcs)	CTC047	V6017	CBR30														
€ 23,50	€ 5,50	€ 11,00	€ 22,00	€ 6,00	€ 4,00														
MTS-...-B1B4C-A p. 28																			

MTS-DER-22-B

D-System

Cartucce per Tornitura con inserto ER22.. / Turning Cartridges with ER22.. insert

FILETTATURA / THREADING



Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-DER-22-B	25	30	63	42	ER..22	0,45 kg	€ 205,00

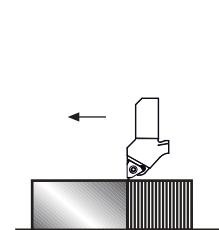
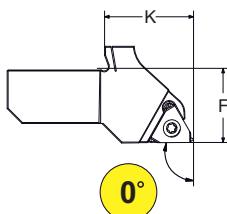
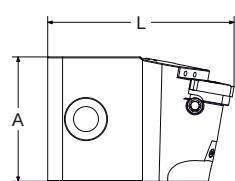
Base / Basements	Parti di Ricambio / Spare Parts																		
	<table border="1"> <tr> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> </tr> <tr> <td>AE 22</td> <td>TX4510</td> <td>OR-SET (10+10 pcs)</td> <td>CTC048</td> <td>V6017</td> <td>CBR30</td> </tr> <tr> <td>€ 23,50</td> <td>€ 5,50</td> <td>€ 11,00</td> <td>€ 22,00</td> <td>€ 6,00</td> <td>€ 4,00</td> </tr> </table>	1	2	3	4	5	6	AE 22	TX4510	OR-SET (10+10 pcs)	CTC048	V6017	CBR30	€ 23,50	€ 5,50	€ 11,00	€ 22,00	€ 6,00	€ 4,00
1	2	3	4	5	6														
AE 22	TX4510	OR-SET (10+10 pcs)	CTC048	V6017	CBR30														
€ 23,50	€ 5,50	€ 11,00	€ 22,00	€ 6,00	€ 4,00														
MTS-...-B2B3C-B p. 28																			

MTS-SEL-16-A

S-System

Cartucce per Tornitura con inserto IR16.. / Turning Cartridges with IR16.. insert

FILETTATURA / THREADING



Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-SEL-16-A	25	30	63	42	IR..16	0,37 kg	€ 140,00

Base / Basements	Parti di Ricambio / Spare Parts			
	1 AI 16	2 TX3510	3 TX3513	4 BTX15

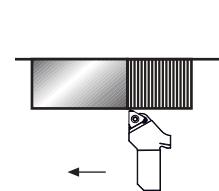
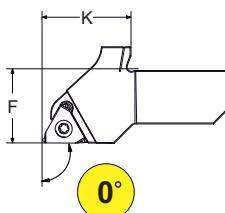
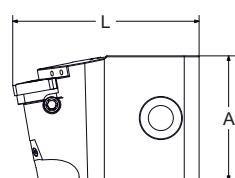
MTS-...-B1B4C-A | p. 28

MTS-SER-16-B

S-System

Cartucce per Tornitura con inserto ER16.. / Turning Cartridges with ER16.. insert

FILETTATURA / THREADING



Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-SER-16-B	25	30	63	42	ER..16	0,37 kg	€ 140,00

Base / Basements	Parti di Ricambio / Spare Parts			
	1 AE 16	2 TX3510	3 TX3513	4 BTX15

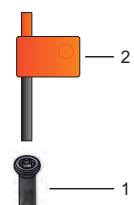
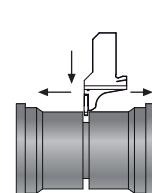
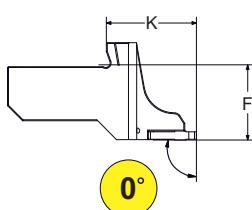
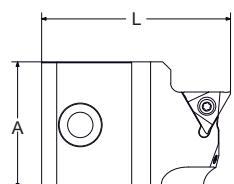
MTS-...-B2B3C-B | p. 28

MTS-CESL-16-A

S-System

Cartucce per Tornitura con inserto SG 16-.. / Turning Cartridges with SG 16-.. insert

SEEGER



Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-CESL-16-A	25	30	63	42	SG 16-..	0,37 kg	€ 140,00

Base / Basements

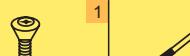


MTS-...-B1B4C-A | p. 28

Parti di Ricambio / Spare Parts



TX3508



BTX10

€ 5,00

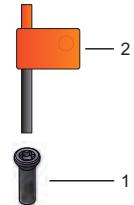
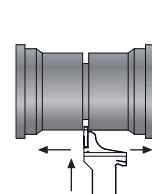
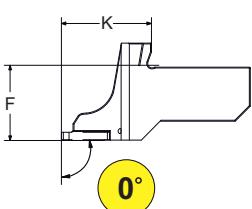
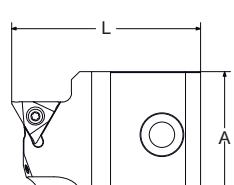
€ 8,00

MTS-CESR-16-B

S-System

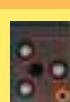
Cartucce per Tornitura con inserto SG 16-.. / Turning Cartridges with SG 16-.. insert

SEEGER



Codice Articolo Item Code	F	K	L	A	Inserto Insert	Peso Weight	Prezzo Price
MTS-CESR-16-B	25	30	63	42	SG 16-..	0,37 kg	€ 140,00

Base / Basements

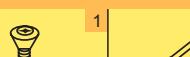


MTS-...-B2B3C-B | p. 28

Parti di Ricambio / Spare Parts



TX3508



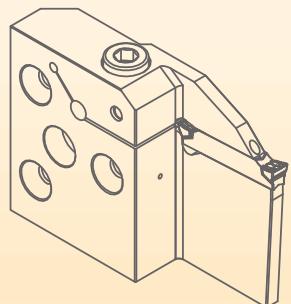
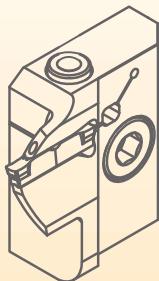
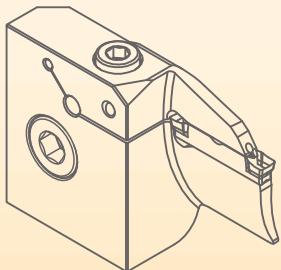
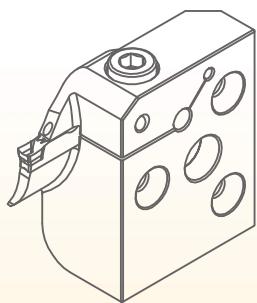
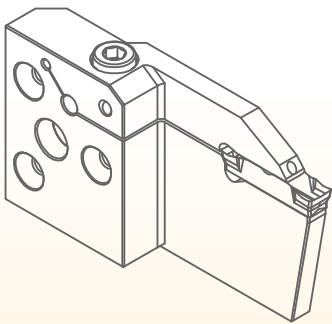
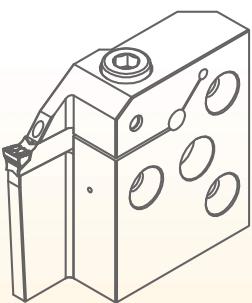
BTX10

€ 5,00

€ 8,00

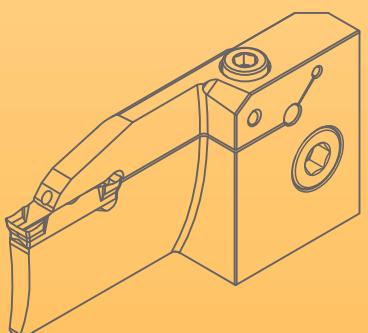
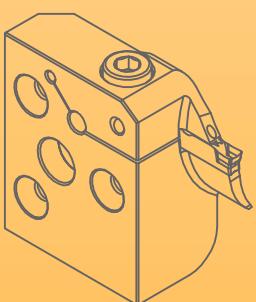
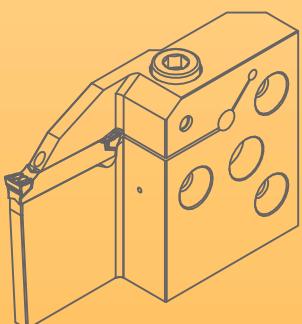
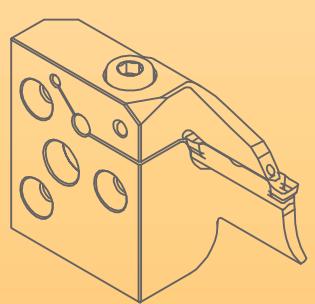
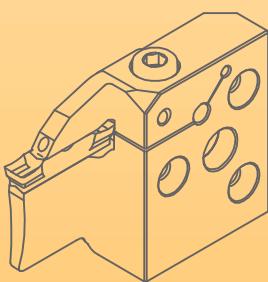
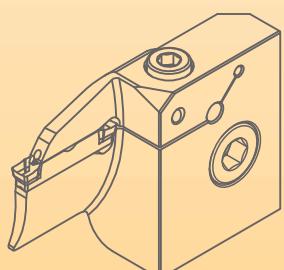
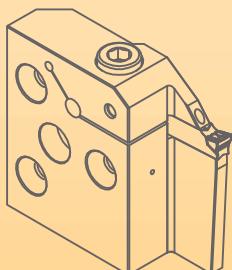
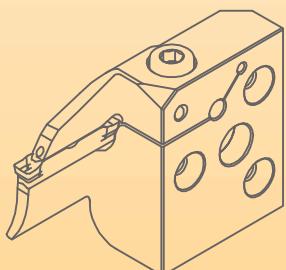
Note





Cartucce / Cartridges

ModulCUT System



Cartucce **ModulCUT** System

Cartridges **ModulCUT System**

Cartucce Radiali Sinistre / Left Radial Cartridges



CCGL...20/30/40/50/60-A
pag. 77

Cartucce Frontali Destre / Right Face Grooving Cartridges



CCFR...30-A
pag. 78



CCFR...40-A
pag. 79



CCFR...50-A
pag. 80



CCFR...60-A
pag. 81

Cartucce Radiali Destre / Right Radial Cartridges



CCGR...20/30/40/50/60-B
pag. 82

Cartucce Frontali Sinistre / Left Face Grooving Cartridges



CCFL...30-B
pag. 83



CCFL...40-B
pag. 84



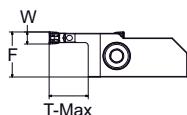
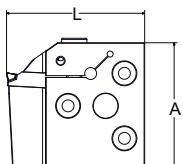
CCFL...50-B
pag. 85



CCFL...60-B
pag. 86

CCGL...20/30/40/50/60-A

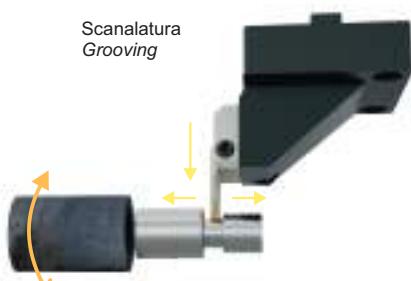
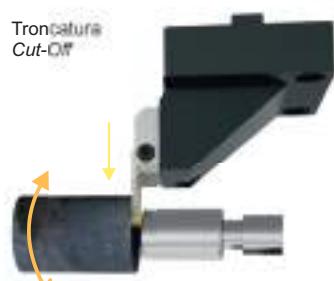
Cartucce per scanalatura radiale con inserto 2 / 3 / 4 / 5 / 6 mm / Cartridges for radial grooving with 2 / 3 / 4 / 5 / 6 mm inserts



Codice Articolo Item Code	T-max	L	A	F	W	Inserto Insert	Peso Weight	Prezzo Price
CCGL 20 09-A	09	43	42	14	2,0	CTSN 22-20	0,13 kg	€ 104,00
CCGL 20 18-A	18	52	42	14	2,0	CTSN 22-20	0,14 kg	€ 109,00
CCGL 30 10-A	10	44	42	14,5	3,0	CTSN 22-30	0,13 kg	€ 104,00
CCGL 30 20-A	20	54	42	14,5	3,0	CTSN 22-30	0,14 kg	€ 109,00
CCGL 40 12-A	12	46	42	15	4,0	CTSN 25-40	0,13 kg	€ 104,00
CCGL 40 24-A	24	58	42	15	4,0	CTSN 25-40	0,14 kg	€ 109,00
CCGL 50 15-A	15	50	42	15,5	5,0	CTSN 25-50	0,14 kg	€ 109,00
CCGL 50 30-A	30	65	42	15,5	5,0	CTSN 25-50	0,15 kg	€ 113,00
CCGL 60 20-A	20	55	42	16	6,0	CTSN 25-60	0,14 kg	€ 109,00
CCGL 60 40-A	40	75	42	16	6,0	CTSN 25-60	0,16 kg	€ 113,00

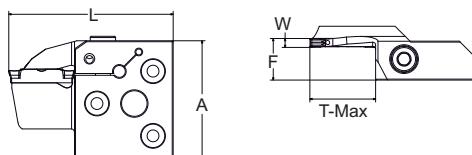
Base / Basements	Parti di Ricambio / Spare Parts	
	1 VB0624 € 4,00	2 CBR40 € 4,00

Direzione rotazione Oraria / Clock wise rotation



CCFR...30-A

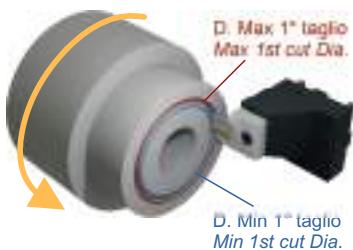
Cartucce per scanalatura frontale con inserto 3 mm / Cartridges for face grooving with 3 mm insert



Codice Articolo Item Code	D min	D max	T-max	L	A	F	W	Inserto Insert	Peso Weight	Prezzo Price
Profondità di taglio 10 mm / Depth of cut 10 mm										
CCFR 2230 30 10-A	22	36	10	45	42	14	3,0	CTSN 22-30	0,13 kg	€ 104,00
CCFR 3038 30 10-A	30	44	10	45	42	14	3,0	CTSN 22-30	0,13 kg	€ 104,00
CCFR 3848 30 10-A	38	54	10	45	42	14	3,0	CTSN 22-30	0,13 kg	€ 104,00
CCFR 4860 30 10-A	48	66	10	45	42	14	3,0	CTSN 22-30	0,13 kg	€ 104,00
CCFR 6075 30 10-A	60	81	10	45	42	14	3,0	CTSN 22-30	0,13 kg	€ 104,00
CCFR 75100 30 10-A	75	106	10	45	42	14	3,0	CTSN 22-30	0,13 kg	€ 104,00
CCFR 100200 30 10-A	100	206	10	45	42	14	3,0	CTSN 22-30	0,13 kg	€ 104,00
CCFR 200-> 30 10-A	200	>206	10	45	42	14	3,0	CTSN 22-30	0,13 kg	€ 104,00
Profondità di taglio 20 mm / Depth of cut 20 mm										
CCFR 6075 30 20-A	60	81	20	55	42	14	3,0	CTSN 22-30	0,14 kg	€ 109,00
CCFR 75100 30 20-A	75	106	20	55	42	14	3,0	CTSN 22-30	0,14 kg	€ 109,00
CCFR 100200 30 20-A	100	206	20	55	42	14	3,0	CTSN 22-30	0,14 kg	€ 109,00
CCFR 200-> 30 20-A	200	>206	20	55	42	14	3,0	CTSN 22-30	0,14 kg	€ 109,00

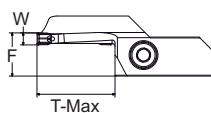
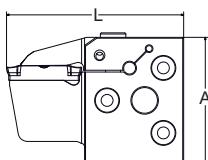
Base / Basements	Parti di Ricambio / Spare Parts
	1 VB0518 € 4,00
MTS-...-C2C3C-A p. 28	2 CBR40 € 4,00

Direzione rotazione Antioraria
Counter clock wise rotation



CCFR...40-A

Cartucce per scanalatura frontale con inserto 4 mm / Cartridges for face grooving with 4 mm insert



Codice Articolo Item Code	D min	D max	T-max	L	A	F	W	Inserto Insert	Peso Weight	Prezzo Price
------------------------------	-------	-------	-------	---	---	---	---	-------------------	----------------	-----------------

Profondità di taglio 12 mm / Depth of cut 12 mm

CCFR 3048 40 12-A	30	56	12	47	42	14,5	4,0	CTSN 25-40	0,13 kg	€ 104,00
CCFR 4860 40 12-A	48	68	12	47	42	14,5	4,0	CTSN 25-40	0,13 kg	€ 104,00
CCFR 6075 40 12-A	60	83	12	47	42	14,5	4,0	CTSN 25-40	0,13 kg	€ 104,00
CCFR 75100 40 12-A	75	108	12	47	42	14,5	4,0	CTSN 25-40	0,13 kg	€ 104,00
CCFR 100150 40 12-A	100	158	12	47	42	14,5	4,0	CTSN 25-40	0,13 kg	€ 104,00
CCFR 150-> 40 12-A	150	>158	12	47	42	14,5	4,0	CTSN 25-40	0,13 kg	€ 104,00

Profondità di taglio 24 mm / Depth of cut 24 mm

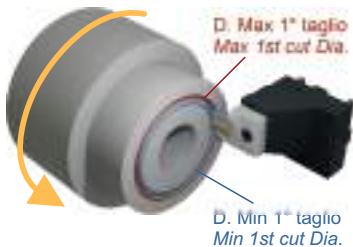
CCFR 3048 40 24-A	30	56	24	59	42	14,5	4,0	CTSN 25-40	0,14 kg	€ 109,00
CCFR 4860 40 24-A	48	68	24	59	42	14,5	4,0	CTSN 25-40	0,14 kg	€ 109,00
CCFR 6075 40 24-A	60	83	24	59	42	14,5	4,0	CTSN 25-40	0,14 kg	€ 109,00
CCFR 75100 40 24-A	75	108	24	59	42	14,5	4,0	CTSN 25-40	0,14 kg	€ 109,00
CCFR 100150 40 24-A	100	158	24	59	42	14,5	4,0	CTSN 25-40	0,14 kg	€ 109,00
CCFR 150-> 40 24-A	150	>158	24	59	42	14,5	4,0	CTSN 25-40	0,14 kg	€ 109,00

Base / Basements

Parti di Ricambio / Spare Parts

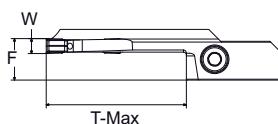
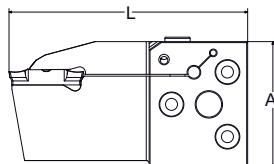
	1		2
MTS-...-C2C3C-A p. 28		VB0518	CBR40
		€ 4,00	€ 4,00

Direzione rotazione Antioraria
Counter clock wise rotation



CCFR...50-A

Cartucce per scanalatura frontale con inserto 5 mm / Cartridges for face grooving with 5 mm inserts



Codice Articolo Item Code	D min	D max	T-max	L	A	F	W	Inserto Insert	Peso Weight	Prezzo Price
Profondità di taglio 22 mm / Depth of cut 22 mm										
CCFR 4255 50 22-A	42	65	22	57	42	14	5,0	CTSN 25-50	0,14 kg	€ 109,00
CCFR 5575 50 22-A	55	85	22	57	42	14	5,0	CTSN 25-50	0,14 kg	€ 109,00
CCFR 75130 50 22-A	75	140	22	57	42	14	5,0	CTSN 25-50	0,14 kg	€ 109,00
CCFR 130200 50 22-A	130	210	22	57	42	14	5,0	CTSN 25-50	0,14 kg	€ 109,00
CCFR 200-> 50 22-A	200	>210	22	57	42	14	5,0	CTSN 25-50	0,14 kg	€ 109,00
Profondità di taglio 45 mm / Depth of cut 45 mm										
CCFR 130200 50 45-A	130	210	45	80	42	14	5,0	CTSN 25-50	0,16 kg	€ 113,00
CCFR 200450 50 45-A	200	460	45	80	42	14	5,0	CTSN 25-50	0,16 kg	€ 113,00
CCFR 450-> 50 45-A	450	>460	45	80	42	14	5,0	CTSN 25-50	0,16 kg	€ 113,00

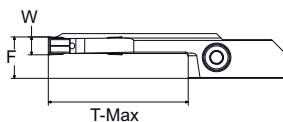
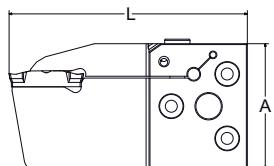
Base / Basements	Parti di Ricambio / Spare Parts								
	<table border="1"> <tr> <td>1</td> <td>2</td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td>VB0518</td> <td>CBR40</td> </tr> <tr> <td>€ 4,00</td> <td>€ 4,00</td> </tr> </table>	1	2			VB0518	CBR40	€ 4,00	€ 4,00
1	2								
VB0518	CBR40								
€ 4,00	€ 4,00								

Direzione rotazione Antioraria
Counter clock wise rotation



CCFR...60-A

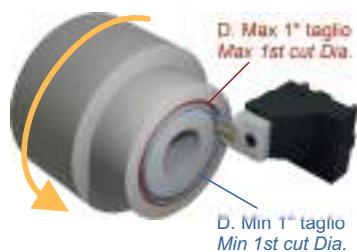
Cartucce per scanalatura frontale con inserto 6 mm / Cartridges for face grooving with 6 mm insert



Codice Articolo Item Code	D min	D max	T-max	L	A	F	W	Inserto Insert	Peso Weight	Prezzo Price
Profondità di taglio 22 mm / Depth of cut 22 mm										
CCFR 4255 60 22-A	42	67	22	57	42	14	6,0	CTSN 25-60	0,14 kg	€ 109,00
CCFR 5575 60 22-A	55	87	22	57	42	14	6,0	CTSN 25-60	0,14 kg	€ 109,00
CCFR 75130 60 22-A	75	142	22	57	42	14	6,0	CTSN 25-60	0,14 kg	€ 109,00
CCFR 130200 60 22-A	130	212	22	57	42	14	6,0	CTSN 25-60	0,14 kg	€ 109,00
CCFR 200-> 60 22-A	200	>212	22	57	42	14	6,0	CTSN 25-60	0,14 kg	€ 109,00
Profondità di taglio 45 mm / Depth of cut 45 mm										
CCFR 130200 60 45-A	130	212	45	80	42	14	6,0	CTSN 25-60	0,16 kg	€ 113,00
CCFR 200450 60 45-A	200	462	45	80	42	14	6,0	CTSN 25-60	0,16 kg	€ 113,00
CCFR 450-> 60 45-A	450	>462	45	80	42	14	6,0	CTSN 25-60	0,16 kg	€ 113,00

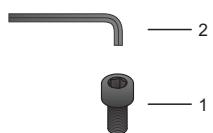
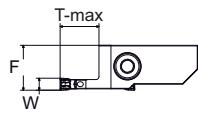
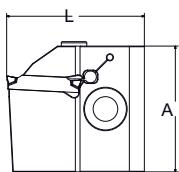
Base / Basements	Parti di Ricambio / Spare Parts						
	<table border="1"> <tr> <td>1</td> <td>2</td> </tr> <tr> <td>VB0518</td> <td>CBR40</td> </tr> <tr> <td>€ 4,00</td> <td>€ 4,00</td> </tr> </table>	1	2	VB0518	CBR40	€ 4,00	€ 4,00
1	2						
VB0518	CBR40						
€ 4,00	€ 4,00						

Direzione rotazione Antioraria
Counter clock wise rotation



CCGR...20/30/40/50/60-B

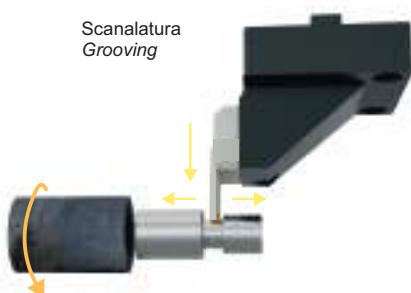
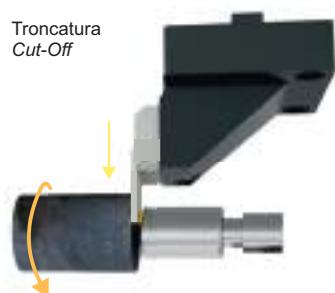
Cartucce per scanalatura radiale con inserto 2 / 3 / 4 / 5 / 6 mm / Cartridges for radial grooving with 2 / 3 / 4 / 5 / 6 mm inserts



Codice Articolo Item Code	T-max	L	A	F	W	Inserto Insert	Peso Weight	Prezzo Price
CCGR 20 09-B	09	43	42	14	2,0	CTSN 22-20	0,13 kg	€ 104,00
CCGR 20 18-B	18	52	42	14	2,0	CTSN 22-20	0,14 kg	€ 109,00
CCGR 30 10-B	10	44	42	14,5	3,0	CTSN 22-30	0,13 kg	€ 104,00
CCGR 30 20-B	20	54	42	14,5	3,0	CTSN 22-30	0,14 kg	€ 109,00
CCGR 40 12-B	12	46	42	15	4,0	CTSN 25-40	0,13 kg	€ 104,00
CCGR 40 24-B	24	58	42	15	4,0	CTSN 25-40	0,14 kg	€ 109,00
CCGR 50 15-B	15	50	42	15,5	5,0	CTSN 25-50	0,14 kg	€ 109,00
CCGR 50 30-B	30	65	42	15,5	5,0	CTSN 25-50	0,15 kg	€ 113,00
CCGR 60 20-B	20	55	42	16	6,0	CTSN 25-60	0,14 kg	€ 109,00
CCGR 60 40-B	40	75	42	16	6,0	CTSN 25-60	0,16 kg	€ 113,00

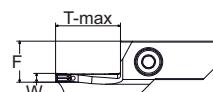
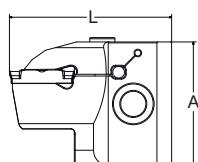
Base / Basements	Parti di Ricambio / Spare Parts	
MTS-...-B2B3C-B p. 28	1 VB0624 € 4,00	2 CBR40 € 4,00

Direzione rotazione Antioraria / Counter clock wise rotation



CCFL...30-B

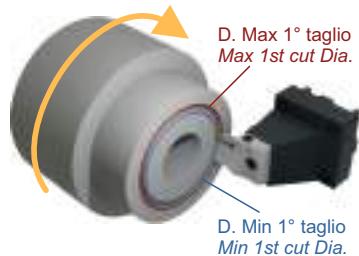
Cartucce per scanalatura frontale con inserto 3 mm / Cartridges for face grooving with 3 mm insert



Codice Articolo Item Code	D min	D max	T-max	L	A	F	W	Inserto Insert	Peso Weight	Prezzo Price
Profondità di taglio 10 mm / Depth of cut 10 mm										
CCFL 2230 30 10-B	22	36	10	45	42	14	3,0	CTSN 22-30	0,13 kg	€ 104,00
CCFL 3038 30 10-B	30	44	10	45	42	14	3,0	CTSN 22-30	0,13 kg	€ 104,00
CCFL 3848 30 10-B	38	54	10	45	42	14	3,0	CTSN 22-30	0,13 kg	€ 104,00
CCFL 4860 30 10-B	48	66	10	45	42	14	3,0	CTSN 22-30	0,13 kg	€ 104,00
CCFL 6075 30 10-B	60	81	10	45	42	14	3,0	CTSN 22-30	0,13 kg	€ 104,00
CCFL 75100 30 10-B	75	106	10	45	42	14	3,0	CTSN 22-30	0,13 kg	€ 104,00
CCFL 100200 30 10-B	100	206	10	45	42	14	3,0	CTSN 22-30	0,13 kg	€ 104,00
CCFL 200-> 30 10-B	200	>206	10	45	42	14	3,0	CTSN 22-30	0,13 kg	€ 104,00
Profondità di taglio 20 mm / Depth of cut 20 mm										
CCFL 6075 30 20-B	60	81	20	55	42	14	3,0	CTSN 22-30	0,14 kg	€ 109,00
CCFL 75100 30 20-B	75	106	20	55	42	14	3,0	CTSN 22-30	0,14 kg	€ 109,00
CCFL 100200 30 20-B	100	206	20	55	42	14	3,0	CTSN 22-30	0,14 kg	€ 109,00
CCFL 200-> 30 20-B	200	>206	20	55	42	14	3,0	CTSN 22-30	0,14 kg	€ 109,00

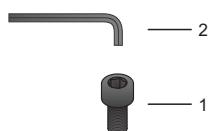
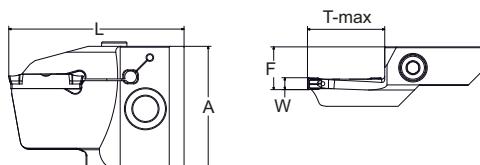
Base / Basements	Parti di Ricambio / Spare Parts
	1 VB0518 € 4,00
MTS-...-C1C4C-B p. 28	2 CBR40 € 4,00

Direzione rotazione Oraria
Clock wise rotation



CCFL...40-B

Cartucce per scanalatura frontale con inserto 4 mm / Cartridges for face groovingwith 4 mm insert



Codice Articolo Item Code	D min	D max	T-max	L	A	F	W	Inserto Insert	Peso Weight	Prezzo Price
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Profondità di taglio 12 mm / Depth of cut 12 mm

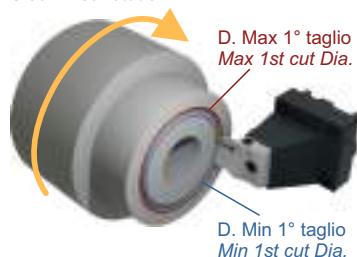
CCFL 3048 40 12-B	30	56	12	47	42	14,5	4,0	CTSN 25-40	0,13 kg	€ 104,00
CCFL 4860 40 12-B	48	68	12	47	42	14,5	4,0	CTSN 25-40	0,13 kg	€ 104,00
CCFL 6075 40 12-B	60	83	12	47	42	14,5	4,0	CTSN 25-40	0,13 kg	€ 104,00
CCFL 75100 40 12-B	75	108	12	47	42	14,5	4,0	CTSN 25-40	0,13 kg	€ 104,00
CCFL 100150 40 12-B	100	158	12	47	42	14,5	4,0	CTSN 25-40	0,13 kg	€ 104,00
CCFL 150-> 40 12-B	150	>158	12	47	42	14,5	4,0	CTSN 25-40	0,13 kg	€ 104,00

Profondità di taglio 24 mm / Depth of cut 24 mm

CCFL 3048 40 24-B	30	56	24	59	42	14,5	4,0	CTSN 25-40	0,14 kg	€ 109,00
CCFL 4860 40 24-B	48	68	24	59	42	14,5	4,0	CTSN 25-40	0,14 kg	€ 109,00
CCFL 6075 40 24-B	60	83	24	59	42	14,5	4,0	CTSN 25-40	0,14 kg	€ 109,00
CCFL 75100 40 24-B	75	108	24	59	42	14,5	4,0	CTSN 25-40	0,14 kg	€ 109,00
CCFL 100150 40 24-B	100	158	24	59	42	14,5	4,0	CTSN 25-40	0,14 kg	€ 109,00
CCFL 150-> 40 24-B	150	>158	24	59	42	14,5	4,0	CTSN 25-40	0,14 kg	€ 109,00

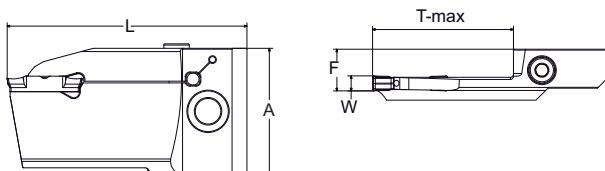
Base / Basements	Parti di Ricambio / Spare Parts						
 MTS-...-C1C4C-B p. 28	<table border="1"> <tr> <td>1</td> <td>2</td> </tr> <tr> <td>VB0518</td> <td>CBR40</td> </tr> <tr> <td>€ 4,00</td> <td>€ 4,00</td> </tr> </table>	1	2	VB0518	CBR40	€ 4,00	€ 4,00
1	2						
VB0518	CBR40						
€ 4,00	€ 4,00						

Direzione rotazione Oraria
Clock wise rotation



CCFL...50-B

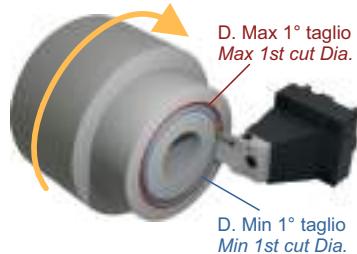
Cartucce per scanalatura frontale con inserto 5 mm / Cartridges for face grooving with 5 mm insert



Codice Articolo Item Code	D min	D max	T-max	L	A	F	W	Inserto Insert	Peso Weight	Prezzo Price
Profondità di taglio 22 mm / Depth of cut 22 mm										
CCFL 4255 50 22-B	42	65	22	57	42	14	5,0	CTSN 25-50	0,14 kg	€ 109,00
CCFL 5575 50 22-B	55	85	22	57	42	14	5,0	CTSN 25-50	0,14 kg	€ 109,00
CCFL 75130 50 22-B	75	140	22	57	42	14	5,0	CTSN 25-50	0,14 kg	€ 109,00
CCFL 130200 50 22-B	130	210	22	57	42	14	5,0	CTSN 25-50	0,14 kg	€ 109,00
CCFL 200-> 50 22-B	200	>210	22	57	42	14	5,0	CTSN 25-50	0,14 kg	€ 109,00
Profondità di taglio 45 mm / Depth of cut 45 mm										
CCFL 130200 50 45-B	130	210	45	80	42	14	5,0	CTSN 25-50	0,16 kg	€ 113,00
CCFL 200450 50 45-B	200	460	45	80	42	14	5,0	CTSN 25-50	0,16 kg	€ 113,00
CCFL 450-> 50 45-B	450	>460	45	80	42	14	5,0	CTSN 25-50	0,16 kg	€ 113,00

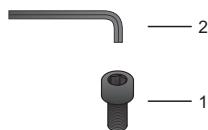
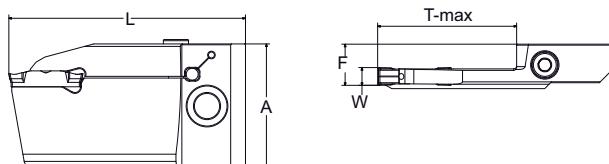
Base / Basements	Parti di Ricambio / Spare Parts								
 MTS-...-C1C4C-B p. 28	<table border="1"> <tr> <td>1</td> <td>2</td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td>VB0518</td> <td>CBR40</td> </tr> <tr> <td>€ 4,00</td> <td>€ 4,00</td> </tr> </table>	1	2			VB0518	CBR40	€ 4,00	€ 4,00
1	2								
VB0518	CBR40								
€ 4,00	€ 4,00								

Direzione rotazione Oraria
Clock wise rotation



CCFL...60-B

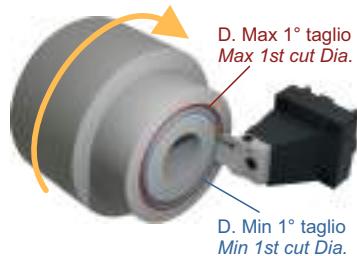
Cartucce per scanalatura frontale con inserto 6 mm / Cartridges for face grooving with 6 mm insert



Codice Articolo Item Code	D min	D max	T-max	L	A	F	W	Inserto Insert	Peso Weight	Prezzo Price
Profondità di taglio 22 mm / Depth of cut 22 mm										
CCFL 4255 60 22-B	42	67	22	57	42	14	6,0	CTSN 25-60	0,14 kg	€ 109,00
CCFL 5575 60 22-B	55	87	22	57	42	14	6,0	CTSN 25-60	0,14 kg	€ 109,00
CCFL 75130 60 22-B	75	142	22	57	42	14	6,0	CTSN 25-60	0,14 kg	€ 109,00
CCFL 130200 60 22-B	130	212	22	57	42	14	6,0	CTSN 25-60	0,14 kg	€ 109,00
CCFL 200-> 60 22-B	200	>212	22	57	42	14	6,0	CTSN 25-60	0,14 kg	€ 109,00
Profondità di taglio 45 mm / Depth of cut 45 mm										
CCFL 130200 60 45-B	130	212	45	80	42	14	6,0	CTSN 25-60	0,16 kg	€ 113,00
CCFL 200450 60 45-B	200	462	45	80	42	14	6,0	CTSN 25-60	0,16 kg	€ 113,00
CCFL 450-> 60 45-B	450	>462	45	80	42	14	6,0	CTSN 25-60	0,16 kg	€ 113,00

Base / Basements	Parti di Ricambio / Spare Parts						
 MTS-...-C1C4C-B p. 28	<table border="1"> <tr> <td>1</td> <td>2</td> </tr> <tr> <td> VB0518</td> <td> CBR40</td> </tr> <tr> <td>€ 4,00</td> <td>€ 4,00</td> </tr> </table>	1	2	 VB0518	 CBR40	€ 4,00	€ 4,00
1	2						
 VB0518	 CBR40						
€ 4,00	€ 4,00						

Direzione rotazione Oraria
Clock wise rotation



Note

Le informazioni contenute nei cataloghi o stampati pubblicitari, quali caratteristiche tecniche dei prodotti o dei componenti, dimensioni, schemi di montaggio, colori, ecc., hanno valore meramente indicativo, in ragione delle specifiche tecniche e della evoluzione tecnologica dei prodotti aziendali.

I dati impegnativi potranno essere forniti di volta in volta e dietro esplicita richiesta.

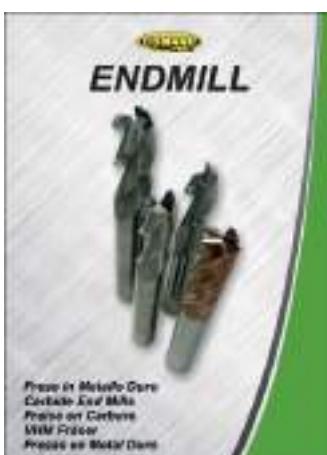
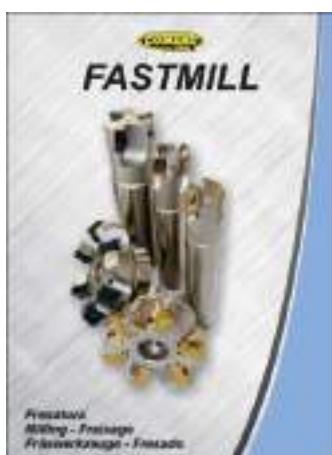
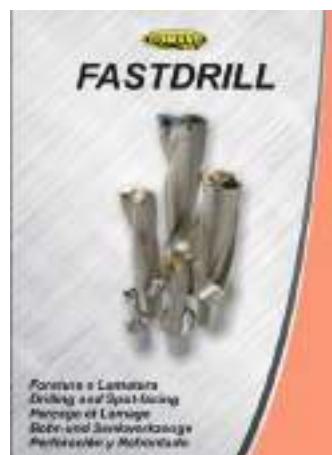
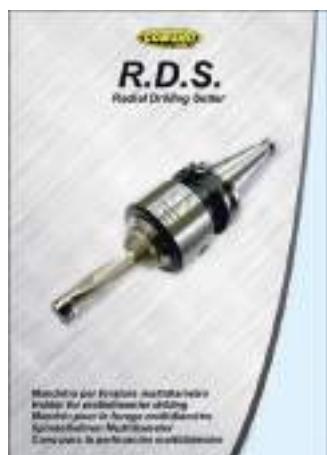
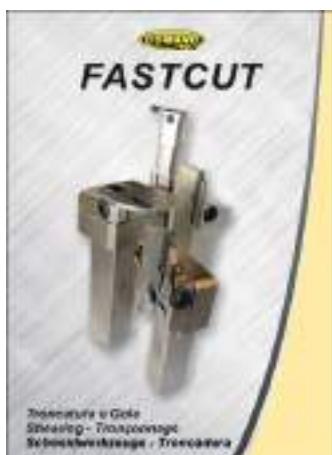
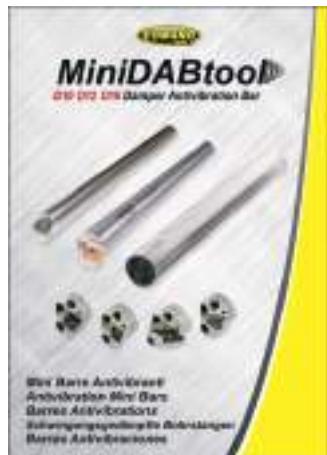
Al fine di migliorare la qualità del prodotto, la **COMMAND TOOL S.r.l.** si riserva il diritto di modificare lo stesso senza alcun preavviso e anche dopo l'accettazione dell'ordine.

L'azienda si riserva di apportare modifiche parziali o totali ai prodotti senza preavviso declinando ogni responsabilità su eventuali dati inesatti.



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