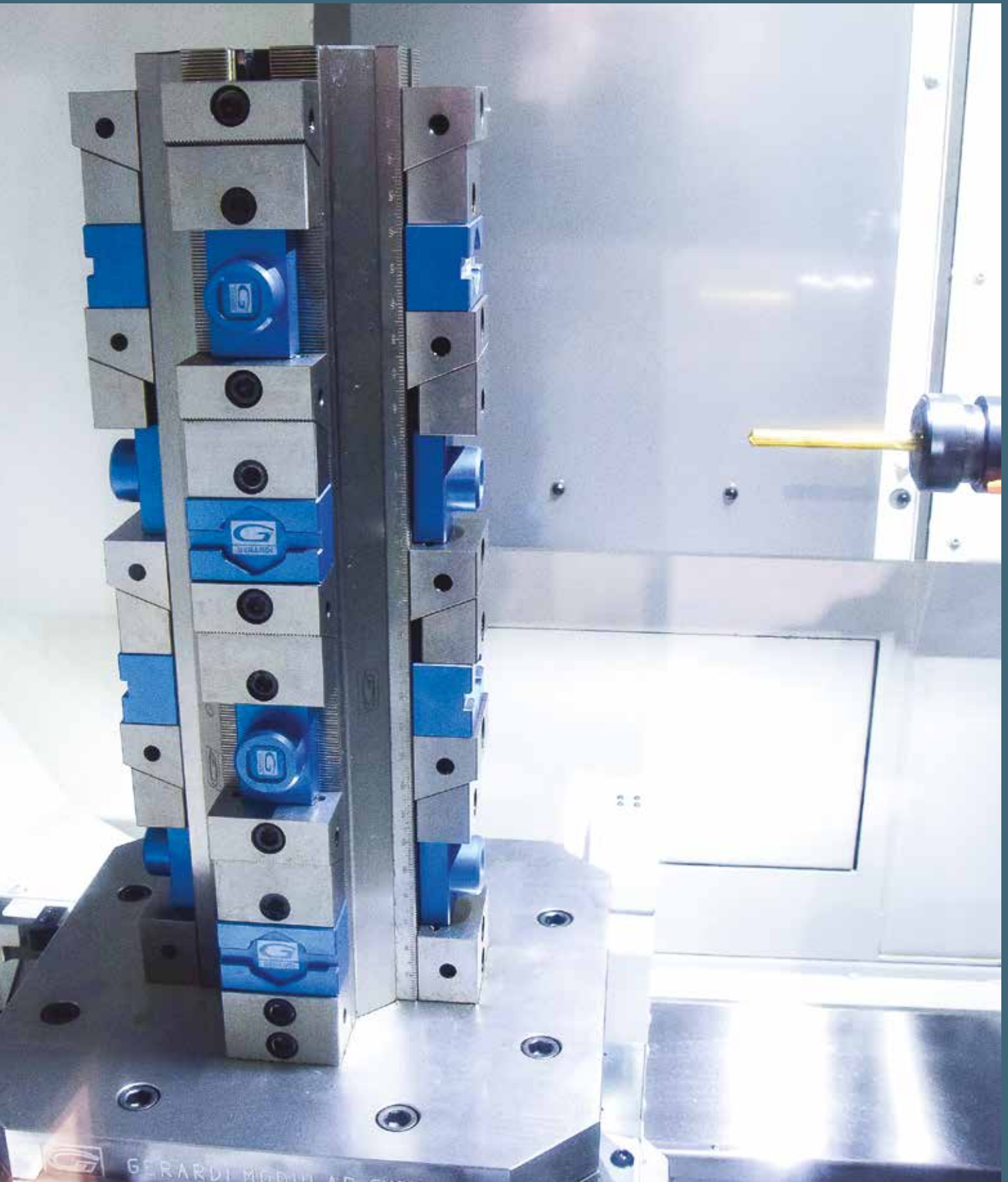


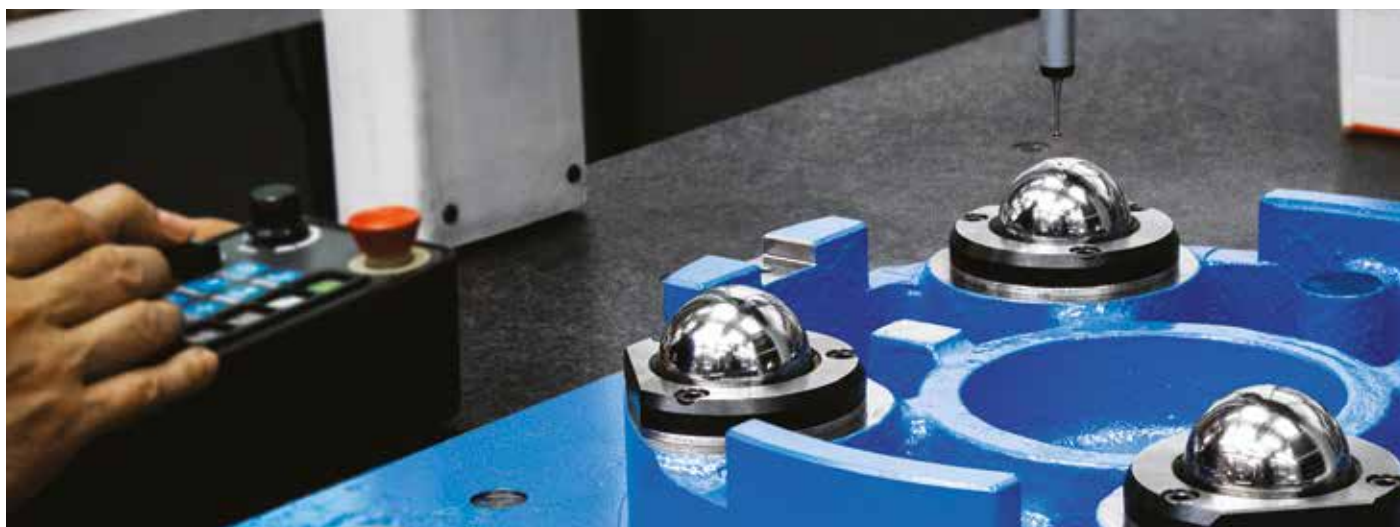
PORTAPEZZI - TOMBSTONES

CUBI, SPALLE, SQUADRE, PIASTRE, PALLETS / CUBES, ANGLE PLATES, PLATES



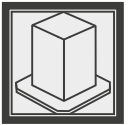



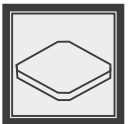



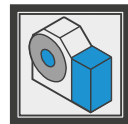
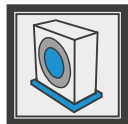


VERIFICHE 3D TRAMITE CONTROLLO NUMERICO

INSPECTION WITH 3D CNC MEASURING MACHINE



SIMBOLOGIA DATI TECNICI

TECHNICAL DATA ICONS

<p>MODELLI PORTAPEZZI TOMBSTONE MODELS</p>			 <p>Cubi Cubes</p>	 <p>Spalle 2 Sides tombstones</p>	 <p>Cubi a croce Cross cubes</p>	 <p>Squadre Angles</p>
<p>PIASTRE E PALLET PLATES AND PALLET</p>					 <p>Piastre e sovratavole Plates & Interfaced plates</p>	 <p>Pallet Pallet</p>
<p>POSSIBILITÀ DI POSSIBILITY OF</p>			 <p>Posizionamento cambio rapido Quick change & positioning</p>	 <p>Cubi-morsa Vise tower</p>	 <p>Divisore Automatico Automatic dividing head</p>	 <p>Divisore Meccanico Mechanical dividing head</p>
<p>PAGINE PAGES</p>					 <p>Accessori & Ricambi Accessories & Spare Parts</p>	 <p>Istruzioni corretto utilizzo Instruction for a proper use</p>

PORTAPEZZI MODULARI PER CENTRI DI LAVORO ORIZZONTALI

HORIZONTAL MACHINING CENTRES MODULAR TOMBSTONES

A supporto ed integrazione dei sistemi di bloccaggio la **GERARDI** ha progettato e via via sviluppato una gamma di portapezzi in fusioni **monoblocco di ghisa G30** (con pareti spessore 43-45mm circa e con doppio trattamento di distensione e stabilizzazione) e recentemente anche di **alluminio speciale ad alta resistenza**. Tali prodotti possono essere forniti nelle forme di: **Cubi, Spalle, Squadre, Piastre, Mensole e speciali a richiesta**. Come **lavorazioni e finiture** vengono proposte le seguenti:

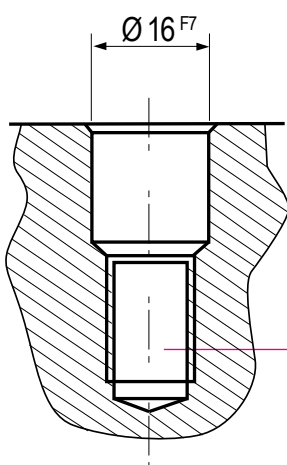
- **Versione A** - **Fusioni monoblocco - Sgrossati di fresa**
- **Versione B** - **Fusioni sgrossate con sovrametallo e base finita**
- **Versione C** - **Completamente finiti. Tolleranza entro $\pm 0,02$ mm**
- **Versione E** - **Con reticolo di fori calibrati e filetti interni integrali**
- **Versione F** - **Con reticolo di bussole temprate 100Cr6 e filetti riportati in acciaio inox**

L'importanza sempre maggiore di questi prodotti deriva dallo sviluppo e diffusione di centri di lavoro orizzontali e sistemi pallettizzati che richiedono appunto tali strutture di supporto per le attrezzature o per i pezzi da lavorare stessi. I controlli vengono eseguiti con macchine tridimensionali su ogni pezzo eseguito. Soluzioni speciali e personalizzate integrate con sistemi di bloccaggio adeguati possono essere studiate e realizzate su richiesta per sfruttare al meglio il campo di lavoro e le capacità delle macchine.

To support and complete the **Gerardi Modular Workholding System** a more and more strategic and important role is played by all the range of modular tombstones and sub-plates. They are manufactured in the most different shapes and versions, anyway always provided in one **solid cast iron cast G30** with walls about 40 mm thickness and with double stress relieving heat treatment. Recently in **high resistance aluminum**. The shapes available are: **Cubes, Two side tombstone, Angles, Plates and subplates, Shelves and special on specific request**. As **finishing** following are available:

- **A type** - **One solid cast iron. Rough milled**
- **B type** - **Rough milled casting with overall material and base finished**
- **C type** - **Completely finished with tolerance of $\pm 0,02$ mm**
- **E type** - **Grid tombstone with calibrated holes and solid threads**
- **F type** - **Grid tombstone with hardened bushings 100 Cr6 and inox steel helicoils**

The greater importance of such products originates from the development and widespread of Horizontal machining centres and multipallet systems which require just such structures to support the fixtures or work-pieces. The checking is carried out piece by piece on a 3-dimensional machine. Specific or tailor-made tombstones complete with clamping systems applications could be studied and manufactured on request in order to better exploit the machines runs and capacity.



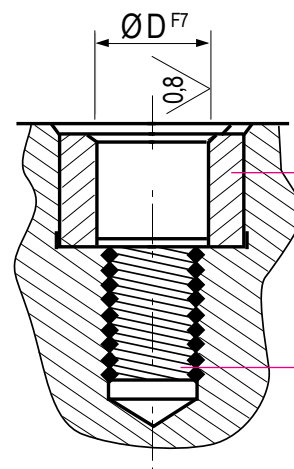
VERSIONE E

Reticolo integrale nella fusione

E TYPE

Holes and threads made in the casting itself

M12



VERSIONE F

Bussole di centraggio in acciaio temprato 100Cr6 - DIN 179C

F TYPE

Centering bushings are in special hardened alloy steel 100Cr6 - DIN 179C

Filetto riportato in acciaio inox 18/8
 Inserted threads are in 18/8 stainless steel

Qualsiasi modifica, lavorazione o personalizzazione extra sarà eseguita previo preventivo. Per le versioni speciali pagamento 50% all'ordine
 Il ns.ufficio tecnico è a Vs. disposizione per eventuali chiarimenti e consegne

Any special requirement will be quoted "Extra" for special type payment 50% on order. Our technical department is always available for any explanations or delivery time

I PORTAPEZZI GERARDI SONO DISPONIBILI IN 5 VERSIONI DIVERSE

GERARDI TOMBSTONES ARE AVAILABLE IN 5 DIFFERENT FINISHING

VERSIONE A

SGROSSATI DI FRESA*

Fusione in ghisa G30 monoblocco sgrossata con doppio trattamento di distensione. Pareti spessore 43-45 mm (Sovrametallo 10 mm)

*Alcuni modelli indicati non vengono sgrossati

A TYPE

ROUGH MILLED*

One integral G30 cast iron casting rough milled with doubles stress relieving heat treatment.

Wall thickness 43-45 mm (10 mm stock)

*Few highlighted items are not rough milled



VERSIONE B

BASE FINITA

Fusione sgrossata con base lavorata e raschiata per pallet a norme Europee o Giapponesi. Predisposizione della base di appoggio di n. 4 fori Ø20F7 e filetto M16 (Fig.1) con interassi precisi, pronte per l'utilizzo dei ns. Zero point (Fig. 2 e 3), oppure per l'interfacciamento con altri pallet o piastre.

B TYPE

BASE FINISHED

Rough milled casting with base face machined and hand scraped for direct clamping on European or Japanese standard pallet.

Base with 4 precision holes Ø 20F7 and bottom threads M16 with precise pitch dimensions (Pic. 1) for the use of our Zero Point (Pic. 2 and 3) or to interface with other pallets or head plates



VERSIONE C

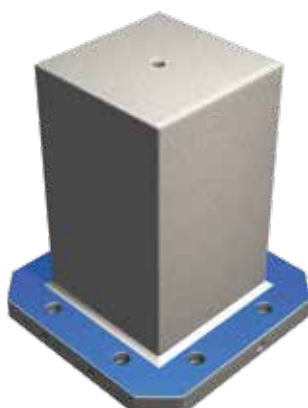
COMPLETAMENTE LAVORATI

Cubo completamente finito con pareti spessore 38-40 mm circa. Tolleranza ± 0,02 mm

C TYPE

COMPLETELY MACHINED

Cube completely finished with wall thickness roughly 38-40 mm Tolerance ± 0,02 mm



VERSIONE E

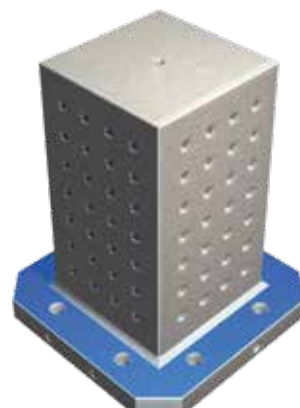
RETICOLO INTEGRALE

Cubo a reticolo con fori calibrati e filetti integrali. Tolleranza ± 0,02 mm

E TYPE

GRIND CUBE

Integral cube with calibrated holes and solid threads. Tolerance ± 0,02 mm



VERSIONE F

RETICOLO CON BUSSOLE

Cubo a reticolo con bussole temprate 100 Cr6 e filetti riportati in acciaio inox. Tolleranza 0,02 mm

F TYPE

GRIND CUBE WITH BUSHINGS

Integral cube with hardened bushings 100Cr6 and stainless steel helicoils. Tolerance ± 0,02 mm



Ø 20 F7 - M16



FIGURA 1

Vedi dettaglio Fig. 1

FIGURE 1

See particular Pic. 1

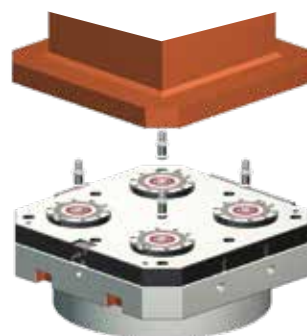
FIGURA 2

FIGURE 2



FIGURA 3

FIGURE 3



PORTAPEZZI MODULARI

MODULAR TOMBSTONES

Per un risultato di qualità e precisione il nostro ciclo di lavorazione portapezzi è il seguente

For a better precision and quality result our working cycle for workholding tombstone is the following:

- 1° Fusione monoblocco in ghisa G30
- 2° Doppio trattamento termico di distensione
- 3° Lavorazione completa di fresatura e predisposizione per nostro sistema zero point
- 4° Distensione naturale di riposo minimo 48 ore
- 5° Raschiatura base d'appoggio per una planarità perfetta.
- 6° Lavorazione completa di finitura
- 7° Esecuzione di fori o cave di posizionamento e centraggio portapezzo sulla base d'appoggio raschiata
- 8° Controllo dimensionale portapezzo
- 9° Eventuale ritocco tramite raschiatura per riportare il portapezzo nella perpendicolarità, ortogonalità e parallelismo previsti.
- 10° Identificazione tramite numero di matricola inciso sul portapezzo con allegato certificato di collaudo.

- 1° Integral cast iron G30 casting
- 2° Double stress relieving heat treatment
- 3° Complete rough milling work and prearranged work for the use of our Zero Point Gerardi system
- 4° Natural 48 hours stress relieving
- 5° Hand scraping of bottom base face for a perfect planarity
- 6° Complete machine finishing
- 7° Base face tailor-made, tombstone centered on the hand scrape base plate
- 8° Dimensional control and quality check
- 9° Some hand-scraped could be made in order to get a perfect - parallelism - ortogonality and perpendicularity within the quoted tolerances.
- 10° Part identification engraved on the product with inspection sheet included.

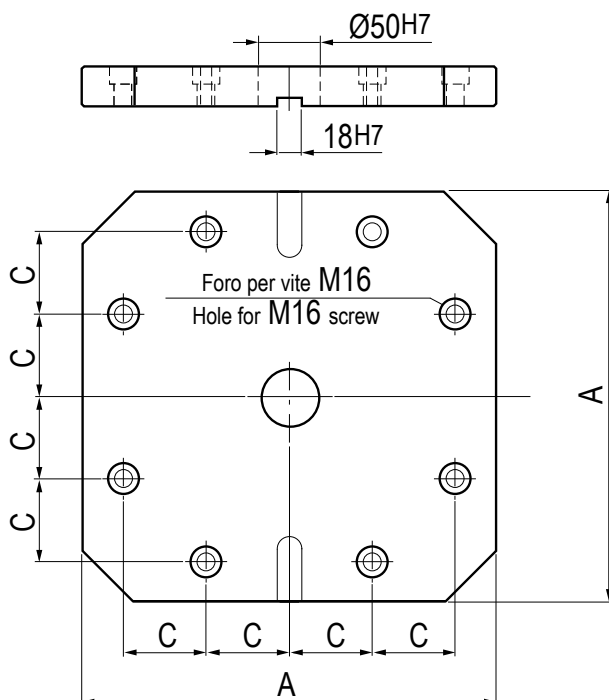
INTERFACCIAMENTO STANDARD

STANDARD INTERFACE

STANDARD EUROPEO

EUROPEAN STANDARD

A	400	500	630	800
C	80	100	125	160

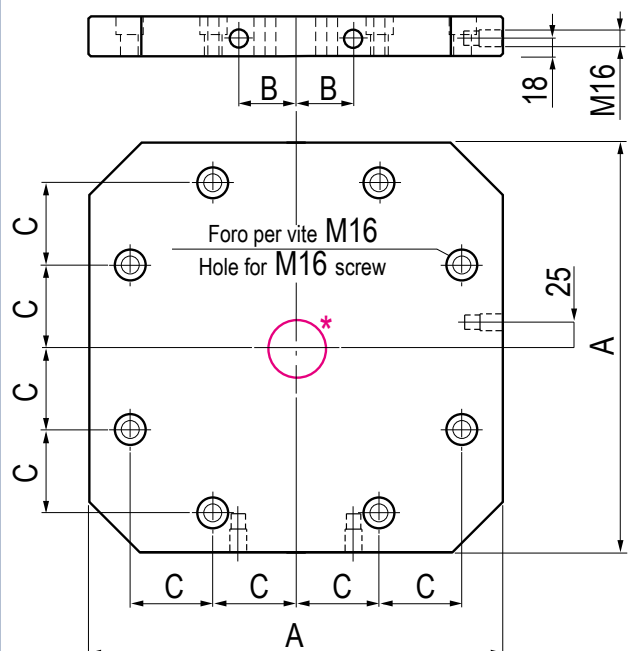


STANDARD GIAPPONESE (Normativa JIS)

JAPANESE STANDARD (Normative JIS)

A	400	500	630	800
B	55	75	100	135
C	80	100	125	160

Foro centrale (OPZIONE)* - Central hole (OPTIONAL)* = €102



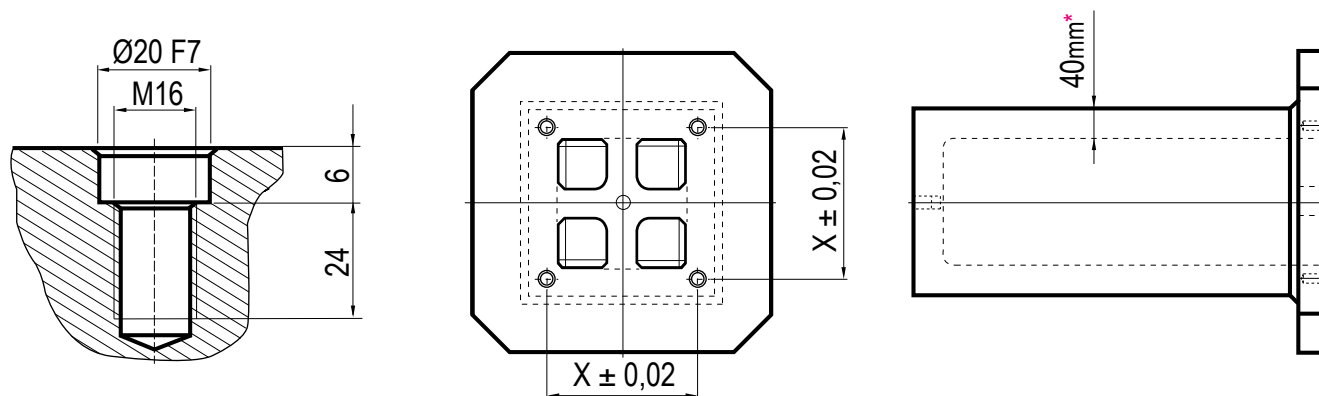
SUGGERIMENTI SU COME LAVORARE I PORTAPEZZI, TRAMITE ZERO POINT

SUGGESTIONS HOW TO MACHINE TOMBSTONES WITH ZERO POINT

Tutti i ns. portapezzi (escluso la fusione grezza), sono predisposti, sulla base di appoggio con forature e filettature per l'uso dei tiranti Zero-Point Art.11A T.2 Questo principalmente significa che tutti i ns. portapezzi possono essere velocemente fissati, posizionati e lavorati sulle 5 facce senza nessun impedimento per quanto riguarda il percorso utensili.

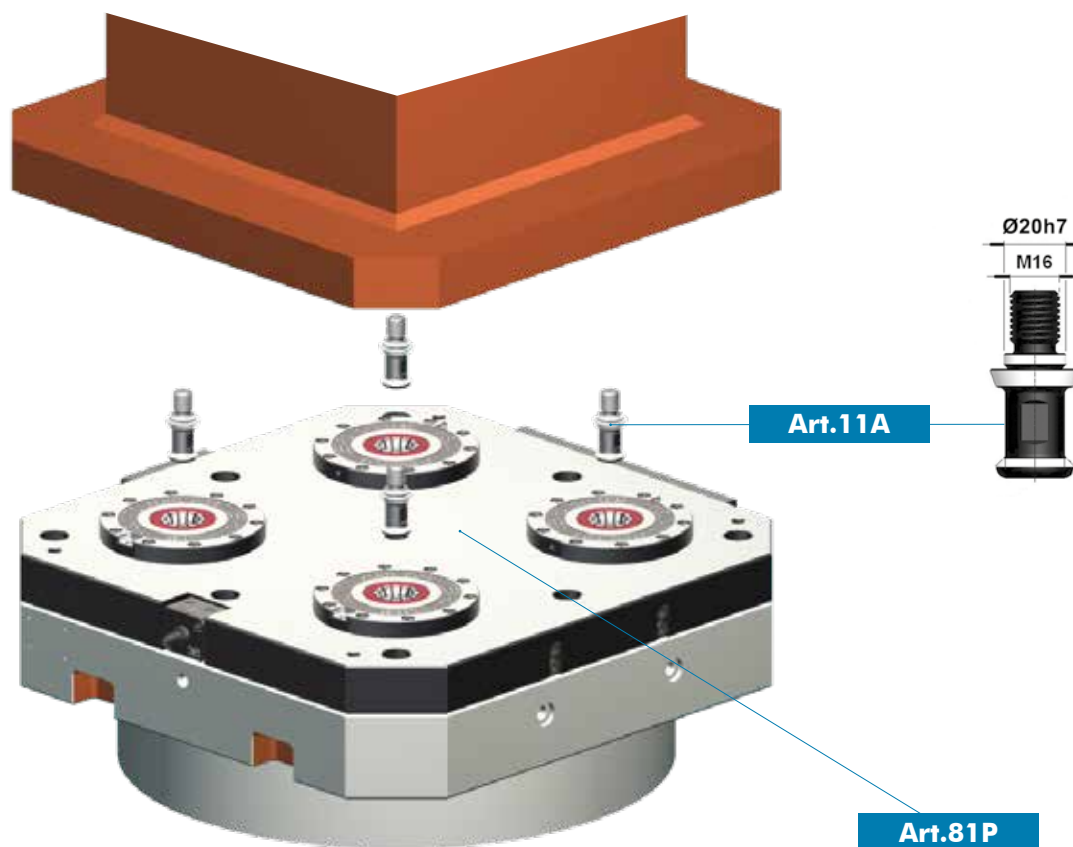
All our tombstone fixture (rough cast iron casting excluded) are pre-worked and prepared on the bottom base face for our Zero-Point pull-stud Art.11A T.2. This important feature will give you many possible application.

Esempio di predisposizione per l'uso dei ns. "Zero Point System" su cubo portapezzi
 Prearranged work for the use of our "Zero Point System" su cubo portapezzi



*Sulle superfici grezze aggiungere 5mm - *Add 5mm on the rough surfaces

Fig.1 - Pic. 1



Per montaggio, posizionamento e ancoraggio istantaneo con necessità di collegamento pneumatico solo per lo sbloccaggio.

Il bloccaggio è meccanico tramite molle. Con questo sistema il pallet può tranquillamente essere movimentato senza l'ausilio di collegamenti elettrici, elettronici, idraulici o pneumatici.

Quick clamping and accurate positioning set up of your tombstone through pneumatic source (only for unclamping - clamping is mechanically maintained by springs)

With this system your pallet could easily travel without the need of electrical pneumatic or electronic connection.

Fig.2 - Pic.2

SUGGERIMENTI SU COME LAVORARE I PORTAPEZZI

SUGGESTIONS HOW TO MACHINE TOMBSTONES

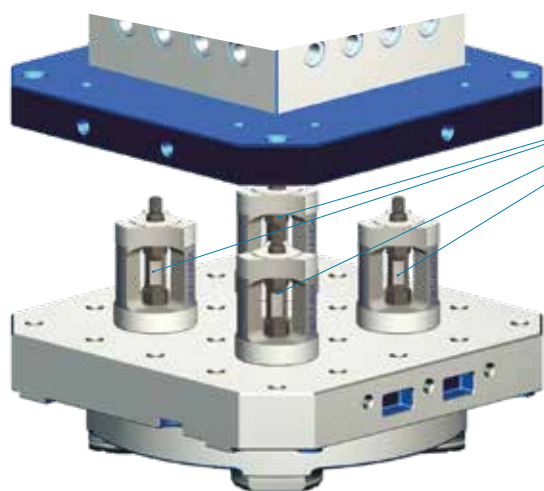
Gli "Zero Point Gerardi" sono utilizzabili anche per ottimizzare le corse del Vs. centro orizzontale sollevando il pezzo all'altezza desiderata senza l'ausilio di sovratavole.

Our hydraulic or pneumatic "Zero Point Gerardi" are also used to optimize the vertical travel of your horizontal machining center without the need of extra over pallet plates.



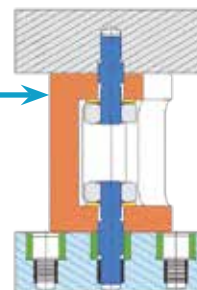
SUGGERIMENTI SU COME LAVORARE I PORTAPEZZI TRAMITE STAFFE INTELLIGENTI

SUGGESTIONS HOW TO MACHINE TOMBSTONES WITH INTELLIGENT CLAMP USE



Montaggio manuale con l'uso delle staffe intelligenti Art. 100

Manual mounting with use of intelligent holding clamps Art. 100

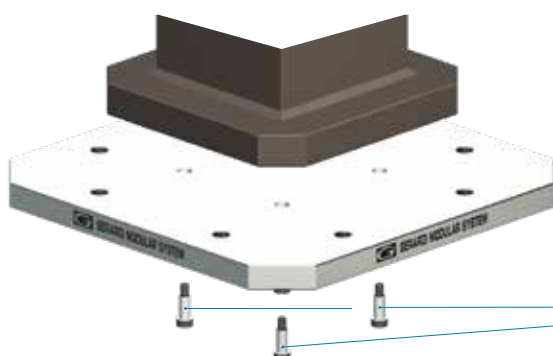


Art. 100

I fori di predisposizione (Fig.1- pag. 8.5) possono essere usati anche per l'utilizzo di "staffe intelligenti" Art.100 e relativi prigionieri.

The pre-work holes (Pic.1- pag. 8.5) are also coming handy for the use of our "intelligent clamps" Art. 100

8



Art. 83

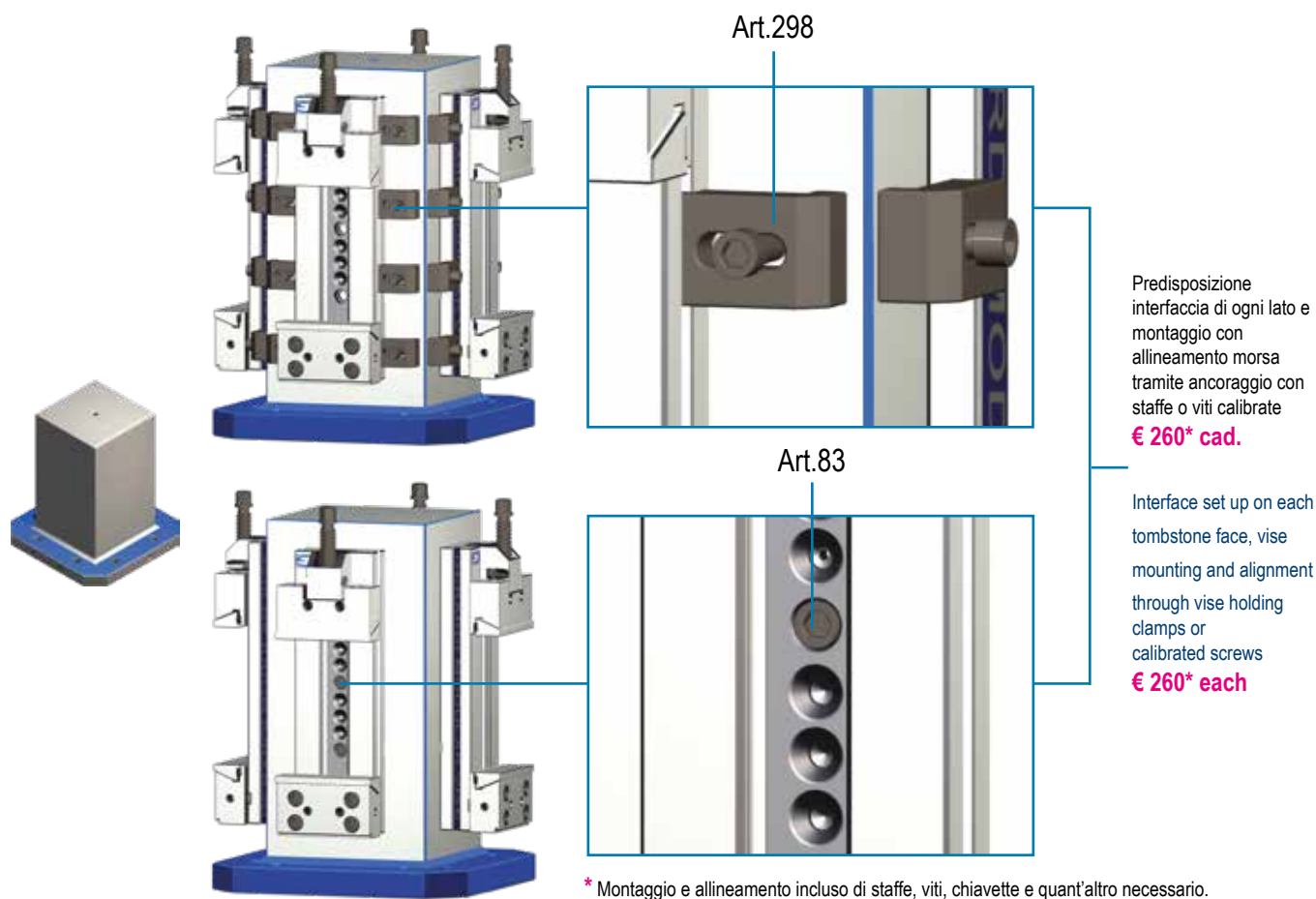
Inoltre con questo sistema di predisposizione potete fissare una piastra che vi permette l'interfacciamento sulla Vs. macchina o attrezzatura. (Fig.1 - pag 8.5)

Further more with this solution you can fix any plate you wish to adapt as you need (Pic.1 - pag 8.5)

MONTAGGIO MORSE SU CUBI COMPLETAMENTE LAVORATI

WISE MOUNTING ALTERNATIVES ON COMPLETELY MACHINED TOMBSTONES

(Versione "C") - ("C" Type)

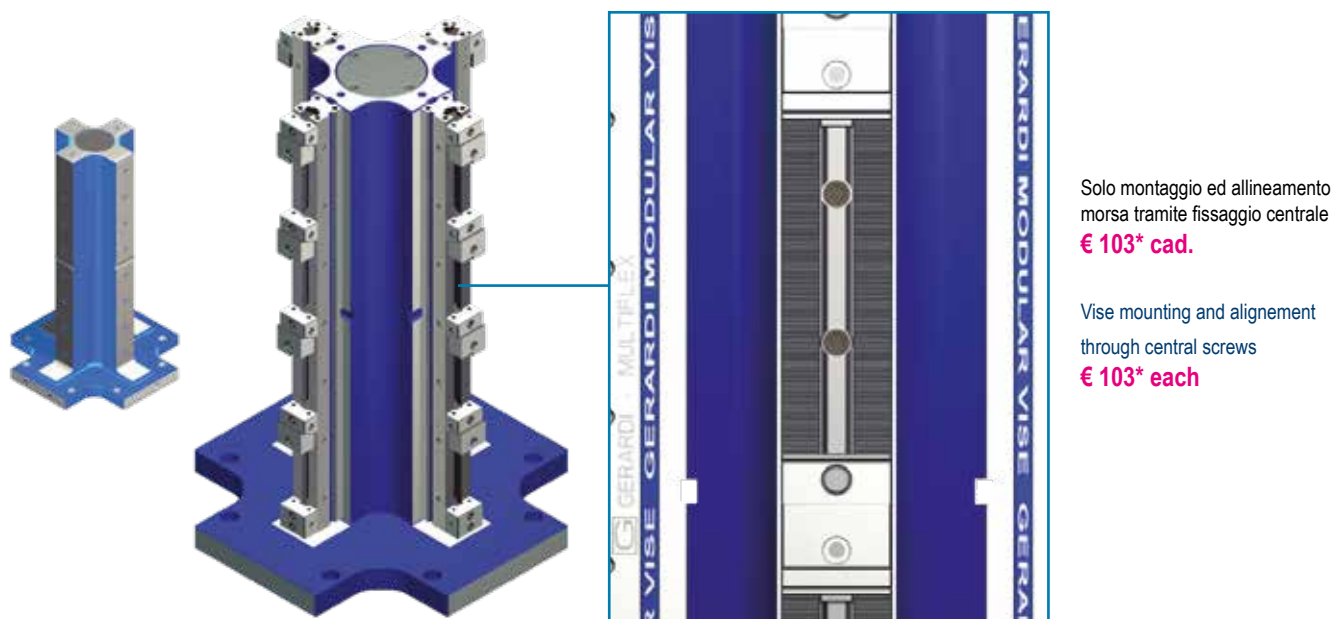


* Montaggio e allineamento incluso di staffe, viti, chiavette e quant'altro necessario.
 Mounting and alignment includes vise clamps, screws, keyways and all the necessary equipment.

MONTAGGIO MORSE SU CUBI COMPLETAMENTE LAVORATI E GIÀ PREDISPOSTI

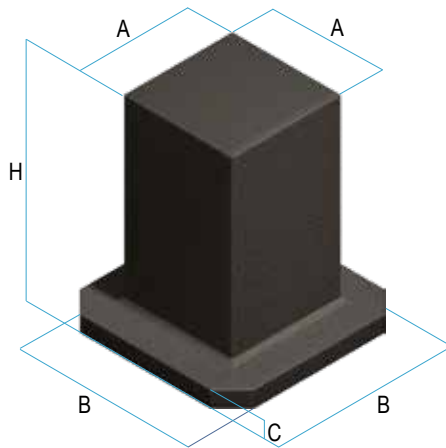
WISE MOUNTING ON COMPLETELY MACHINED AND INTERFACED TOMBSTONES

(Versione "G") - ("G" Type)



* Montaggio e allineamento incluso di viti, chiavette e quant'altro necessario.
 Mounting and alignment includes screws, keyways and all the necessary equipment.

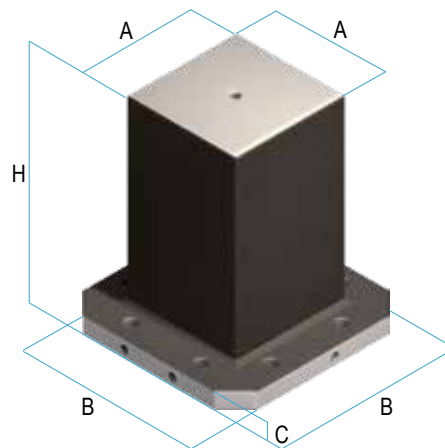
CUBI - CUBES
Art. 53A

 Sgrossati di fresa
 Rough milled

 General tolerance ± 2 mm

Dimensioni - Dimensions

A	B	C	H	kg	Cod.	€
90	260	45	410	44	8.53.A00009	241
170	260	50	300	66	8.53.A00020	361
210	325	50	310	96	8.53.A00030	525
210	360	50	380	119	8.53.A00040	651
210	360	50	535	153	8.53.A00045	837
210	510	50	610	217	8.53.A00050	1.186
260	410	50	460	179	8.53.A00060	979
260	460	50	460	195	8.53.A00070	1.066
260	410	50	560	207	8.53.A00080	1.131
260	410	50	670	239	8.53.A00081	1.306
260	390	40	570	239	8.53.A00082	1.133
260	510	50	620	258	8.53.A00090	1.410
260	510	50	660	270	8.53.A00100	1.476
260	510	50	760	298	8.53.A00105	1.530
260	640	50	710	337	8.53.A00106	1.841
260	510	50	1010	368	8.53.A00107	2.169
280	410	50	520	210	8.53.A00110	1.148
310	510	50	610	293	8.53.A00111	1.602
310	510	50	760	345	8.53.A00113	1.885
310	510	50	910	397	8.53.A00115	2.169
340	510	50	670	335	8.53.A00120	1.913
360	510	50	420	252	8.53.A00140	1.377
360	510	50	460	268	8.53.A00150	1.465
360	510	50	560	310	8.53.A00160	1.694
360	510	50	620	334	8.53.A00170	1.825
360	510	50	710	372	8.53.A00171	2.032
360	640	50	710	425	8.53.A00172	2.322
360	640	50	830	496	8.53.A00180	2.710
360	510	50	830	420	8.53.A00181	2.568
360	640	50	960	529	8.53.A00185	2.891
460	640	50	560	431	8.53.A00190	2.355
460	640	50	660	486	8.53.A00200	2.655
510	640	50	870	655	8.53.A00211	3.579
560	760	50	860	763	8.53.A00220	4.169
510	810	50	810	704	8.53.A00230	3.847
640	810	50	1100	1623	8.53.A00235	8.755

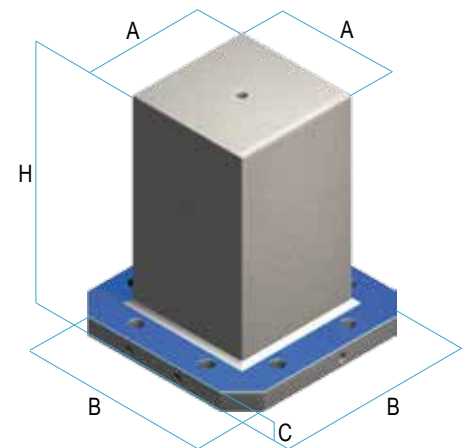
Art. 53B

 Base finita
 Base finished

 General tolerance ± 2 mm

Dimensioni - Dimensions

A	B	C	H	kg	Cod.	€
90	250	40	400	40	8.53.B00009	410
170	250	45	290	61	8.53.B00020	505
210	315	45	300	89	8.53.B00030	735
210	350	45	370	112	8.53.B00040	910
210	350	45	525	147	8.53.B00045	1.171
210	500	45	600	203	8.53.B00050	1.660
260	400	45	450	169	8.53.B00060	1.369
260	450	45	450	183	8.53.B00070	1.492
260	400	45	550	197	8.53.B00080	1.584
260	400	45	660	228	8.53.B00081	1.829
260	380	35	560	228	8.53.B00082	1.545
260	500	45	610	244	8.53.B00090	1.974
260	500	45	650	255	8.53.B00100	2.066
260	500	45	750	284	8.53.B00105	2.142
260	630	45	700	316	8.53.B00106	2.578
260	500	45	1000	355	8.53.B00107	3.037
280	400	45	510	198	8.53.B00110	1.607
310	500	45	600	278	8.53.B00111	2.241
310	500	45	750	330	8.53.B00113	2.640
310	500	45	900	383	8.53.B00115	3.037
340	500	45	660	321	8.53.B00120	2.677
360	500	45	410	236	8.53.B00140	1.928
360	500	45	450	253	8.53.B00150	2.050
360	500	45	550	294	8.53.B00160	2.372
360	500	45	610	319	8.53.B00170	2.556
360	500	45	700	356	8.53.B00171	2.846
360	630	45	700	403	8.53.B00172	3.251
360	630	45	820	452	8.53.B00180	3.606
360	500	45	820	403	8.53.B00181	3.596
360	630	45	950	508	8.53.B00185	4.046
460	630	45	550	409	8.53.B00190	3.297
460	630	45	650	463	8.53.B00200	3.718
510	630	45	860	631	8.53.B00211	5.010
560	750	45	850	732	8.53.B00220	5.837
510	800	45	800	671	8.53.B00230	5.385
640	800	45	1050	1556	8.53.B00235	12.360

Art. 53C

 Completamente lavorati
 Completely machined

 General tolerance $\pm 0,02$ mm

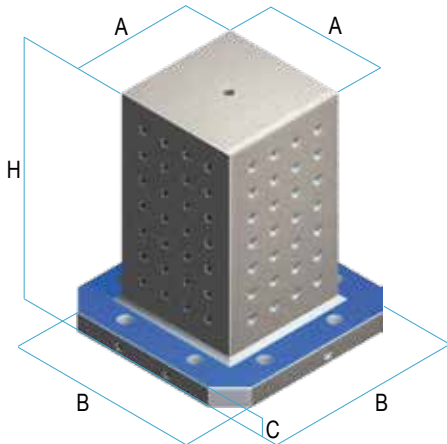
Dimensioni - Dimensions

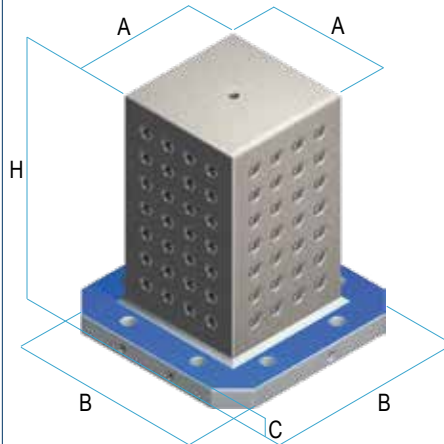
A	B	C	H	kg	Cod.	€
80	250	35	400	33	8.53.C00009	515
160	250	40	290	54	8.53.C00020	721
200	315	40	300	79	8.53.C00030	1.049
200	350	40	370	99	8.53.C00040	1.301
200	350	40	525	128	8.53.C00045	1.607
200	500	40	600	179	8.53.C00050	2.372
250	400	40	450	150	8.53.C00060	1.957
250	450	40	450	164	8.53.C00070	2.131
250	400	40	550	174	8.53.C00080	2.262
250	400	40	660	201	8.53.C00081	2.612
250	380	30	560	201	8.53.C00082	2.163
250	500	40	610	215	8.53.C00090	2.819
250	500	40	650	225	8.53.C00100	2.951
250	500	40	750	249	8.53.C00105	3.060
250	630	40	700	279	8.53.C00106	3.683
250	500	45	1000	310	8.53.C00107	4.338
270	400	40	510	176	8.53.C00110	2.295
300	500	40	600	247	8.53.C00111	3.202
300	500	40	750	293	8.53.C00113	3.770
300	500	40	900	338	8.53.C00115	4.338
330	500	40	660	287	8.53.C00120	3.825
350	500	40	410	212	8.53.C00140	2.754
350	500	40	450	226	8.53.C00150	2.929
350	500	40	550	263	8.53.C00160	3.388
350	500	40	610	284	8.53.C00170	3.650
350	500	40	700	317	8.53.C00171	4.065
350	630	40	700	359	8.53.C00172	4.644
350	630	40	820	402	8.53.C00180	5.419
350	500	40	820	358	8.53.C00181	5.136
350	630	40	950	450	8.53.C00185	5.781
450	630	40	550	367	8.53.C00190	4.709
450	630	40	650	415	8.53.C00200	5.310
500	630	40	860	565	8.53.C00211	7.157
550	750	40	850	656	8.53.C00220	8.337
500	800	40	800	600	8.53.C00230	7.693
630	800	40	1050	1565	8.53.C00235	17.510

Modelli normalmente presenti a magazzino

> Non sgrassato di fresa ! Per lavorazioni o materiali diversi (alluminio), richiedere quotazione specifica

CUBI - CUBES
Art. 53E

 Reticolo integrale
 Grid cube

Art. 53F

 Reticolo con bussole
 Grid cube with bushing

 Stesse dimensioni dell'Art. 53C / Same dimensions of Art. 53C
 Peso: -5% circa rispetto Art. 53C / Weight: About -5% of Art. 53C

Specifiche - Specifications
Art. 53A

Fusione in ghisa G30 monoblocco sgrassata con doppio trattamento di distensione. Pareti con spessore 43-45 mm (Sovrametallo 10 mm)

One integral G30 cast iron casting rough milled with double stress relieving heat treatment. Wall thickness 43-45 mm (10 mm stock)

Art. 53B

Fusione sgrassata con base lavorata e raschiata per pallet a norme Europee o Giapponesi.

Vedi specifiche a pag. 8.6

Rough milled casting with base face machined and hand scraped for direct clamping on European or Japanese standard pallet. See specifications pag. 8.6

Art. 53C

Cubo completamente finito con pareti spessore 38-40 mm circa.

Cube completely finished with wall thickness roughly 38-40 mm

Art. 53E 40 / 50

 Cubo a reticolo con fori calibrati e filettati integrali
 Tolleranza $\pm 0,02$ mm

- Interasse reticolo 40 mm = $\varnothing 12 / M10$
- Interasse reticolo 50 mm = $\varnothing 16 / M12$

 Grid cube with calibrated holes and solid threads
 Tolerance $\pm 0,02$ mm

- Grid pitch 40 mm = $\varnothing 12 / M10$
- Grid pitch 50 mm = $\varnothing 16 / M12$

Art. 53F 40 / 50

 Cubo a reticolo con bussole temprate 100Cr6 e filetti riportati in acciaio inox
 Tolleranza $\pm 0,02$ mm

- Interasse reticolo 40 mm = $\varnothing 12 / M10$
- Interasse reticolo 50 mm = $\varnothing 16 / M12$

 Grid cube with hardened bushing 100Cr6 and stainless steel helicoils
 Tolerance $\pm 0,02$ mm

- Grid pitch 40 mm = $\varnothing 12 / M10$
- Grid pitch 50 mm = $\varnothing 16 / M12$

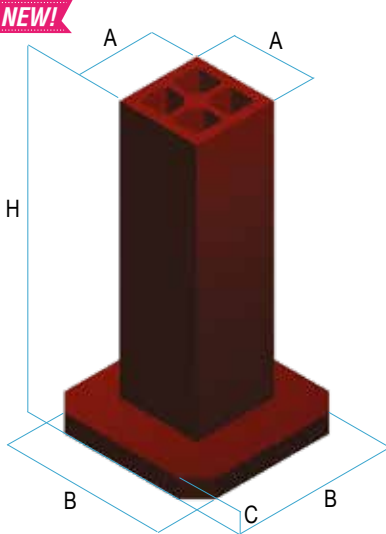
Art. 53E 40		Art. 53E 50		Art. 53F 40		Art. 53F 50	
Cod.	€	Cod.	€	Cod.	€	Cod.	€
8.53.E40009	751	8.53.E00009	630	8.53.F40009	866	8.53.F00009	735
8.53.E40020	1.126	8.53.E00020	938	8.53.F40020	1.299	8.53.F00020	1.083
8.53.E40030	1.637	8.53.E00030	1.364	8.53.F40030	1.888	8.53.F00030	1.574
8.53.E40040	2.028	8.53.E00040	1.691	8.53.F40040	2.341	8.53.F00040	1.950
8.53.E40045	2.608	8.53.E00045	2.174	8.53.F40045	3.010	8.53.F00045	2.510
8.53.E40050	3.699	8.53.E00050	3.083	8.53.F40050	4.268	8.53.F00050	3.557
8.53.E40060	3.051	8.53.E00060	2.543	8.53.F40060	3.521	8.53.F00060	2.934
8.53.E40070	3.325	8.53.E00070	2.770	8.53.F40070	3.835	8.53.F00070	3.196
8.53.E40080	3.528	8.53.E00080	2.941	8.53.F40080	4.072	8.53.F00080	3.393
8.53.E40081	4.074	8.53.E00081	3.395	8.53.F40081	4.701	8.53.F00081	3.917
8.53.E40082	3.400	8.53.E00082	2.885	8.53.F40082	3.915	8.53.F00082	3.296
8.53.E40090	4.398	8.53.E00090	3.665	8.53.F40090	5.075	8.53.F00090	4.229
8.53.E40100	4.602	8.53.E00100	3.835	8.53.F40100	5.310	8.53.F00100	4.426
8.53.E40105	4.773	8.53.E00105	3.978	8.53.F40105	5.508	8.53.F00105	4.590
8.53.E40106	5.744	8.53.E00106	4.787	8.53.F40106	6.629	8.53.F00106	5.524
8.53.E40107	6.767	8.53.E00107	5.639	8.53.F40107	7.809	8.53.F00107	6.507
8.53.E40110	3.580	8.53.E00110	2.983	8.53.F40110	4.130	8.53.F00110	3.442
8.53.E40111	4.995	8.53.E00111	4.162	8.53.F40111	5.763	8.53.F00111	4.803
8.53.E40113	5.881	8.53.E00113	4.900	8.53.F40113	6.785	8.53.F00113	5.655
8.53.E40115	6.767	8.53.E00115	5.639	8.53.F40115	7.809	8.53.F00115	6.507
8.53.E40120	5.966	8.53.E00120	4.972	8.53.F40120	6.884	8.53.F00120	5.737
8.53.E40140	4.295	8.53.E00140	3.580	8.53.F40140	4.956	8.53.F00140	4.130
8.53.E40150	4.569	8.53.E00150	3.807	8.53.F40150	5.271	8.53.F00150	4.393
8.53.E40160	5.284	8.53.E00160	4.404	8.53.F40160	6.097	8.53.F00160	5.081
8.53.E40170	5.693	8.53.E00170	4.745	8.53.F40170	6.569	8.53.F00170	5.474
8.53.E40171	6.341	8.53.E00171	5.284	8.53.F40171	7.317	8.53.F00171	6.097
8.53.E40172	7.244	8.53.E00172	6.037	8.53.F40172	8.359	8.53.F00172	6.966
8.53.E40180	8.456	8.53.E00180	7.046	8.53.F40180	9.755	8.53.F00180	8.130
8.53.E40181	8.011	8.53.E00181	6.676	8.53.F40181	9.244	8.53.F00181	7.703
8.53.E40185	9.017	8.53.E00185	7.514	8.53.F40185	10.405	8.53.F00185	8.670
8.53.E40190	7.347	8.53.E00190	6.122	8.53.F40190	8.477	8.53.F00190	7.065
8.53.E40200	8.284	8.53.E00200	6.904	8.53.F40200	9.559	8.53.F00200	7.966
8.53.E40211	11.165	8.53.E00211	9.305	8.53.F40211	12.883	8.53.F00211	10.736
8.53.E40220	13.006	8.53.E00220	10.838	8.53.F40220	15.006	8.53.F00220	12.506
8.53.E40230	11.999	8.53.E00230	10.000	8.53.F40230	13.846	8.53.F00230	11.538
8.53.E40235	26.780	8.53.E00235	22.660	8.53.F40235	30.900	8.53.F00235	25.750

Available usually immediately

> Not rough milled

! For different finishing and materials (aluminium), ask for specific quotation

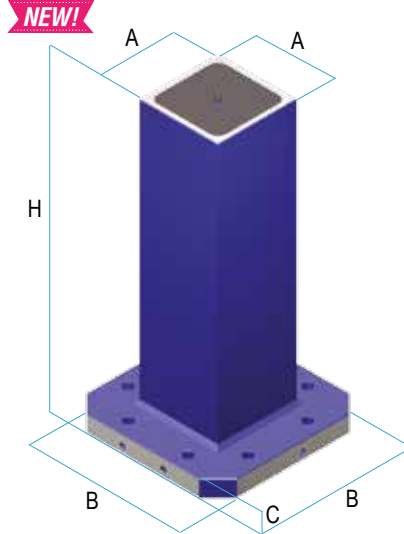
CUBI LEGGERI - LIGHT CUBES
Art. 53A1

 Sgrossati di fresa
 Rough milled

 General tolerance ± 2 mm

Dimensioni - Dimensions

A	B	C	H	kg	Cod.	€
210	410	50	760	178	8.53.A10055	935
260	410	50	860	240	8.53.A10085	1.261
260	510	50	760	249	8.53.A10105	1.308
360	510	50	910	414	8.53.A10182	2.175
360	640	50	960	488	8.53.A10185	2.563
460	640	50	960	655	8.53.A10205	3.441

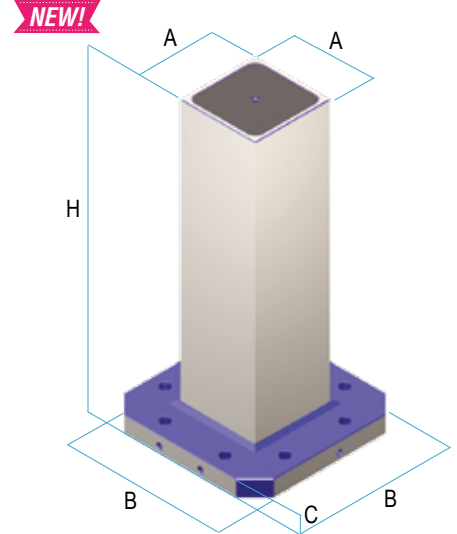
Art. 53B1

 Base finita
 Base finished

 General tolerance ± 2 mm

Dimensioni - Dimensions

A	B	C	H	kg	Cod.	€
210	400	45	750	167	8.53.B10055	1.584
260	400	45	850	229	8.53.B10085	1.910
260	500	45	750	234	8.53.B10105	2.085
360	500	45	900	400	8.53.B10182	2.952
360	630	45	950	468	8.53.B10185	3.536
460	630	45	950	634	8.53.B10205	4.413

Art. 53C1*

 Completamente lavorati
 Completely machined

 General tolerance $\pm 0,02$ mm

Dimensioni - Dimensions

A	B	C	H	kg	Cod.	€
200	400	40	750	142	8.53.C10055	2.154
250	400	40	850	196	8.53.C10085	2.715
250	500	40	750	201	8.53.C10105	2.791
350	500	40	900	351	8.53.C10182	4.135
350	630	40	950	411	8.53.C10185	4.787
450	630	40	950	568	8.53.C10205	6.012

Specifiche - Specifications
Art. 53A1

Fusione in ghisa G30 monoblocco sgrossata con doppio trattamento di distensione. Pareti con spessore ridotto (Sovrametallo 10 mm).

One integral G30 cast iron casting rough milled with double stress relieving heat treatment. Wall with reduce thickness (10 mm stock)

Art. 53B1

Fusione sgrossata con base lavorata e raschiata per pallet a norme Europee o Giapponesi.

Vedi specifiche a pag. 8.6

Rough milled casting with base face machined and hand scraped for direct clamping on European or Japanese standard pallet.

See specifications pag. 8.6

Art. 53C1

Cubo completamente finito con pareti di spessore ridotto

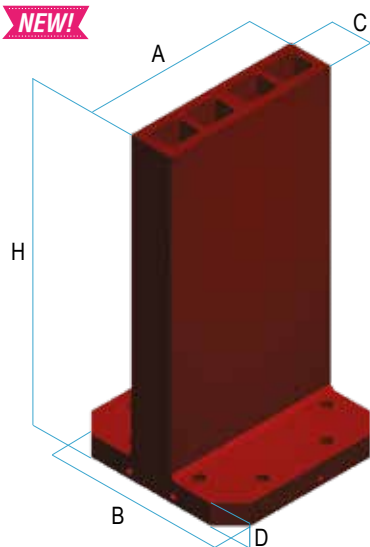
Cube completely finished with wall reduce thickness

*** EXTRA**

per applicazione morsa **€260** per lato
 additional charge for vise application **€260**/side

> Non sgrossato di fresa ! Per lavorazioni o materiali diversi (alluminio), richiedere quotazione specifica

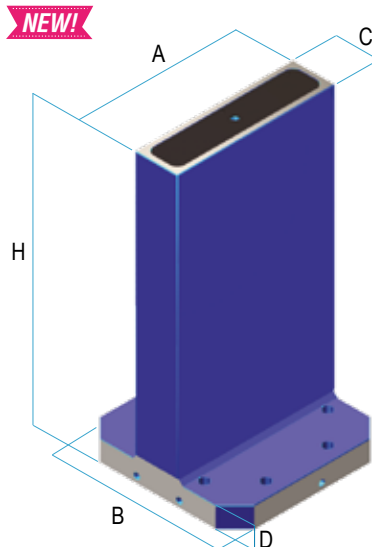
SPALLE LEGGERE - 2 SIDES TOMBSTONES LIGHT
Art. 55A1

 Sgrossati di fresa
 Rough milled

 General tolerance ± 2 mm

Dimensioni - Dimensions

A	B	C	D	H	kg	Cod.	€
410	410	110	60	760	204	8.55.A10045	1.072
410	410	160	60	860	250	8.55.A10050	1.313
510	510	160	60	760	292	8.55.A10053	1.534
510	510	210	60	910	416	8.55.A10085	2.185
640	640	210	60	960	574	8.55.A10172	3.015
640	640	260	60	960	666	8.55.A10175	3.498

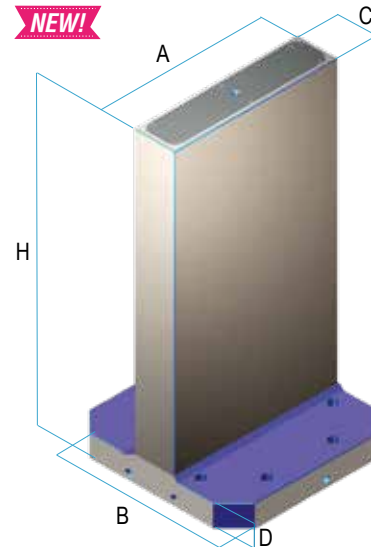
Art. 55B1

 Base finita
 Base finished

 General tolerance ± 2 mm

Dimensioni - Dimensions

A	B	C	D	H	kg	Cod.	€
400	400	110	55	750	193	8.55.B10045	1.721
400	400	160	55	850	239	8.55.B10050	1.963
500	500	160	55	750	277	8.55.B10053	2.311
500	500	210	55	900	402	8.55.B10085	2.962
630	630	210	55	950	553	8.55.B10172	3.987
630	630	260	55	950	645	8.55.B10175	4.471

Art. 55C1*

 Completamente lavorati
 Completely machined

 General tolerance $\pm 0,02$ mm

Dimensioni - Dimensions

A	B	C	D	H	kg	Cod.	€
400	400	100	50	750	163	8.55.C10045	2.015
400	400	150	50	850	203	8.55.C10050	2.452
500	500	150	50	750	238	8.55.C10053	2.739
500	500	200	50	900	353	8.55.C10085	3.644
630	630	200	50	950	489	8.55.C10172	4.709
630	630	250	50	950	579	8.55.C10175	5.365

Specifiche - Specifications
Art. 55A1

Fusione in ghisa G30 monoblocco sgrossata con doppio trattamento di distensione.
 Pareti con spessore ridotto (Sovrametallo 10 mm).

One integral G30 cast iron casting rough milled with double stress relieving heat treatment.
 Wall with reduce thickness (10 mm stock)

Art. 55B1

Fusione sgrossata con base lavorata e raschiata per pallet a norme Europee o Giapponesi.

Vedi specifiche a pag. 8.6

Rough milled casting with base face machined and hand scraped for direct clamping on European or Japanese standard pallet.
See specifications pag. 8.6

Art. 55C1

Cubo completamente finito con pareti di spessore ridotto

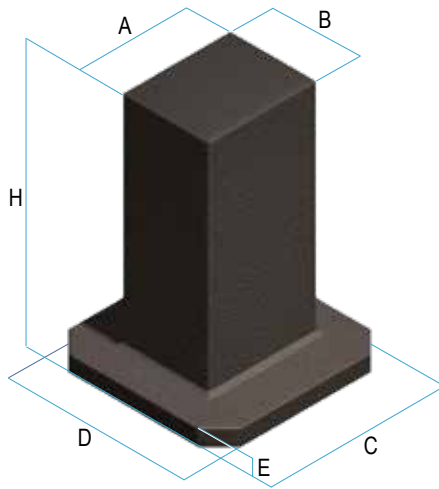
Cube completely finished with wall reduce thickness

*** EXTRA**

per applicazione morsa €260 per lato
 additional charge for vise application €260/side

> Not rough milled ! For different finishing and materials (aluminium), ask for specific quotation

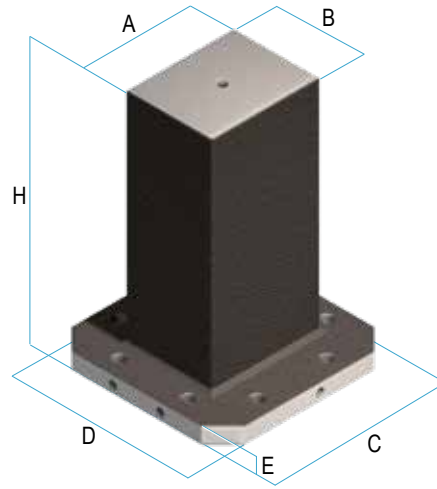
CUBI RETTANGOLARI - RECTANGULAR CUBES
Art. 54A

 Sgrossati di fresa
 Rough milled

 General tolerance ± 2 mm

Dimensioni - Dimensions

A	B	C	D	kg	Cod.	€
310	210	460	310	142	8.54.A00010	776
360	260	410	410	241	8.54.A00040	1.448
360	260	510	510	344	8.54.A00070	1.880
310	210	410	410	206	8.54.A00080	1.126
460	360	640	640	397	8.54.A00100	2.169
460	360	640	640	450	8.54.A00110	2.459
560	360	640	640	484	8.54.A00120	2.645
E	H	kg	Cod.	€		
50	370	142	8.54.A00010	776		
50	560	241	8.54.A00040	1.448		
50	760	344	8.54.A00070	1.880		
50	560	206	8.54.A00080	1.126		
50	560	397	8.54.A00100	2.169		
50	660	450	8.54.A00110	2.459		
50	660	484	8.54.A00120	2.645		

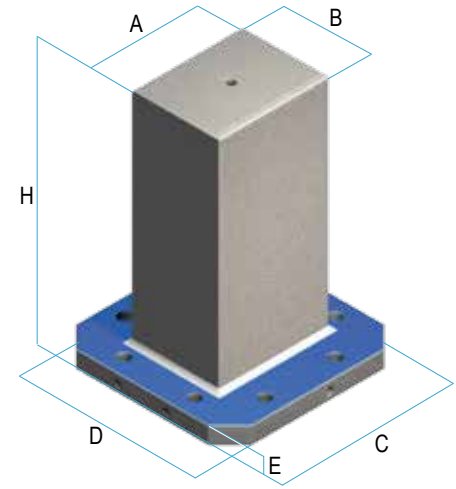
Art. 54B

 Base finita
 Base finished

 General tolerance ± 2 mm

Dimensioni - Dimensions

A	B	C	D	kg	Cod.	€
310	210	450	300	134	8.54.B00010	1.087
360	260	400	400	230	8.54.B00040	2.027
360	260	500	500	329	8.54.B00070	2.631
310	210	400	400	196	8.54.B00080	1.576
460	360	630	630	375	8.54.B00100	3.037
460	360	630	630	428	8.54.B00110	3.442
560	360	630	630	461	8.54.B00120	3.703
E	H	kg	Cod.	€		
45	360	134	8.54.B00010	1.087		
45	550	230	8.54.B00040	2.027		
45	750	329	8.54.B00070	2.631		
45	550	196	8.54.B00080	1.576		
45	550	375	8.54.B00100	3.037		
45	650	428	8.54.B00110	3.442		
45	650	461	8.54.B00120	3.703		

Art. 54C

 Completamente lavorati
 Completely machined

 General tolerance $\pm 0,02$ mm

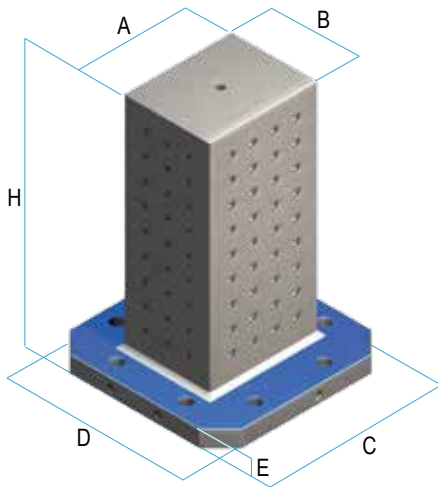
Dimensioni - Dimensions

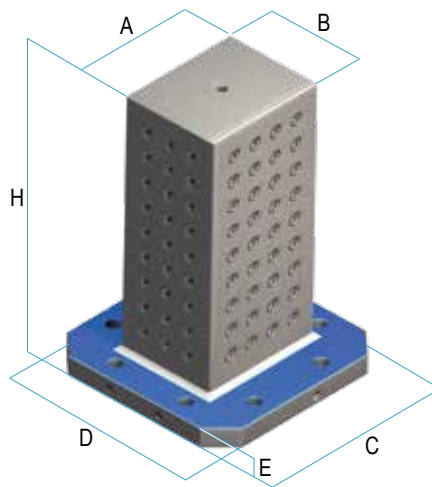
A	B	C	D	kg	Cod.	€
300	200	450	300	127	8.54.C00010	1.552
350	250	400	400	205	8.54.C00040	2.896
350	250	500	500	292	8.54.C00070	3.760
300	200	400	400	174	8.54.C00080	2.251
450	350	630	630	336	8.54.C00100	4.338
450	350	630	630	340	8.54.C00110	4.917
550	350	630	630	413	8.54.C00120	5.289
E	H	kg	Cod.	€		
45	360	127	8.54.C00010	1.552		
45	550	205	8.54.C00040	2.896		
45	750	292	8.54.C00070	3.760		
45	550	174	8.54.C00080	2.251		
45	550	336	8.54.C00100	4.338		
45	650	340	8.54.C00110	4.917		
45	650	413	8.54.C00120	5.289		

Modelli normalmente presenti a magazzino

> Non sgrassato di fresa ! Per lavorazioni o materiali diversi (alluminio), richiedere quotazione specifica

CUBI RETTANGOLARI - RECTANGULAR CUBES
Art. 54E

 Reticolo integrale
 Grid cube

Art. 54F

 Reticolo con bussole
 Grid cube with bushing

 Stesse dimensioni dell'Art. 54C / Same dimensions of Art. 54C
 Peso: -5% circa rispetto Art. 54C / Weight: About -5% of Art. 54C

Art. 54E 40		Art. 54E 50		Art. 54F 40		Art. 54F 50	
Cod.	€	Cod.	€	Cod.	€	Cod.	€
8.54.E40010	2.421	8.54.E00010	2.018	8.54.F40010	2.793	8.54.F00010	2.328
8.54.E40040	4.517	8.54.E00040	3.765	8.54.F40040	5.213	8.54.F00040	4.344
8.54.E40070	5.864	8.54.E00070	4.887	8.54.F40070	6.766	8.54.F00070	5.638
8.54.E40080	3.513	8.54.E00080	2.926	8.54.F40080	4.052	8.54.F00080	3.377
8.54.E40100	6.767	8.54.E00100	5.639	8.54.F40100	7.809	8.54.F00100	6.507
8.54.E40110	7.671	8.54.E00110	6.392	8.54.F40110	8.851	8.54.F00110	7.376
8.54.E40120	8.250	8.54.E00120	6.876	8.54.F40120	9.519	8.54.F00120	7.933

Specifiche - Specifications
Art. 54A

Fusione in ghisa G30 monoblocco sgrassata con doppio trattamento di distensione. Pareti con spessore 43-45 mm (Sovrametallo 10 mm)

One integral G30 cast iron casting rough milled with double stress relieving heat treatment. Wall thickness 43-45 mm (10 mm stock)

Art. 54B

Fusione sgrassata con base lavorata e raschiata per pallet a norme Europee o Giapponesi.

Vedi specifiche a pag. 8.6

 Rough milled casting with base face machined and hand scraped for direct clamping on European or Japanese standard pallet. **See specifications pag. 8.6**
Art. 54C

Cubo rettangolare completamente finito con pareti spessore 38-40 mm circa.

Rectangular cube completely finished with wall thickness roughly 38-40 mm

Art. 54E 40 / 50

Cubo rettangolare a reticolo con fori calibrati e filettati integrali - Tolleranza ± 0,02 mm

- Interasse reticolo 40 mm = Ø 12 / M10
- Interasse reticolo 50 mm = Ø 16 / M12

Grid rectangular cube with calibrated holes and solid threads - Tolerance ± 0,02 mm

- Grid pitch 40 mm = Ø 12 / M10
- Grid pitch 50 mm = Ø 16 / M12

Art. 54F 40 / 50

Cubo rettangolare a reticolo con bussole temprate 100Cr6 e filetti riportati in acciaio inox Tolleranza ± 0,02 mm

- Interasse reticolo 40 mm = Ø 12 / M10
- Interasse reticolo 50 mm = Ø 16 / M12

Grid rectangular cube with hardened bushing 100Cr6 and stainless steel helicoils Tolerance ± 0,02 mm

- Grid pitch 40 mm = Ø 12 / M10
- Grid pitch 50 mm = Ø 16 / M12

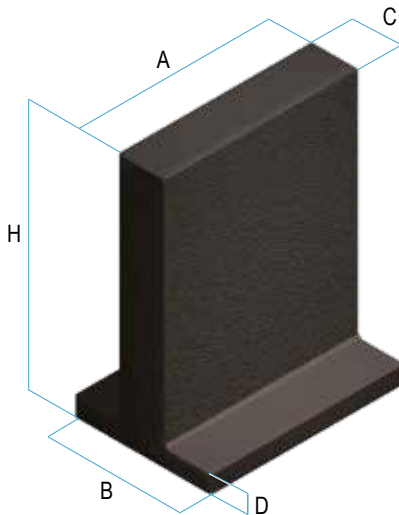
Available usually immediately

> Not rough milled



For different finishing and materials (aluminium), ask for specific quotation

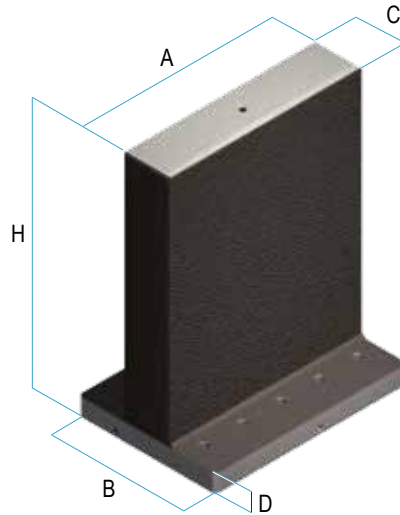
SPALLE - 2 SIDES TOMBSTONES
Art. 55A

 Sgrossati di fresa
 Rough milled

 General tolerance ± 2 mm

Dimensioni - Dimensions

A	B	C	D	H	kg	Cod.	€
170	210	80	55	235	31	8.55.A00010	170
360	260	90	60	425	124	8.55.A00040	678
310	450	160	60	310	124	8.55.A00044	721
310	450	160	60	640	199	8.55.A00045	1.236
410	360	110	60	535	221	8.55.A00050	1.208
410	410	160	60	510	215	8.55.A00051	1.175
410	410	160	55	670	262	8.55.A00052	1.431
510	510	160	55	710	350	8.55.A00053	1.913
510	510	210	60	610	340	8.55.A00054	1.858
510	510	270	50	635	360	8.55.A00055	1.967
460	360	110	60	535	241	>8.55.A00060	1.317
460	360	110	60	630	283	>8.55.A00070	1.547
560	360	110	70	660	368	8.55.A00080	2.011
510	360	160	60	660	307	8.55.A00090	1.677
460	360	160	60	620	289	8.55.A00120	1.580
460	360	160	60	760	316	8.55.A00125	1.727
560	360	160	70	680	352	8.55.A00150	1.923
560	460	160	60	830	430	8.55.A00160	2.350
640	460	160	60	830	486	8.55.A00170	2.655
640	460	260	70	910	589	8.55.A00171	3.202
640	640	210	60	870	579	8.55.A00172	3.164
640	640	260	60	710	521	8.55.A00173	2.847
360	460	160	70	660	250	8.55.A00180	1.366
810	460	160	70	860	632	8.55.A00190	3.546
810	810	310	60	810	782	8.55.A00191	4.272
810	810	210	60	1010	855	8.55.A00192	4.671
1210	860	260	70	1310	1572	8.55.A00230	8.549
1260	1260	410	45	1510	2224	8.55.A00235	12.050

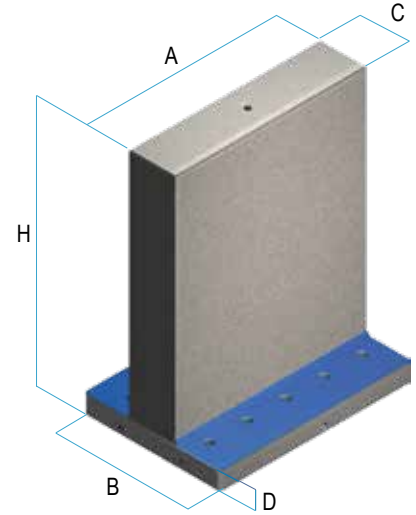
Art. 55B

 Base finita
 Base finished

 General tolerance ± 2 mm

Dimensioni - Dimensions

A	B	C	D	H	kg	Cod.	€
160	200	80	50	225	29	8.55.B00010	238
350	250	90	55	415	114	8.55.B00040	949
300	440	90	55	300	114	8.55.B00044	979
300	440	160	55	630	192	8.55.B00045	1.751
400	350	110	55	525	207	8.55.B00050	1.691
400	400	160	55	500	199	8.55.B00051	1.645
400	400	160	50	660	244	8.55.B00052	2.004
500	500	160	50	700	331	8.55.B00053	2.677
500	500	210	55	600	316	8.55.B00054	2.601
500	500	270	45	625	336	8.55.B00055	2.754
450	350	110	55	525	227	8.55.B00060	1.843
450	350	110	55	620	267	8.55.B00070	2.165
550	350	110	65	650	350	8.55.B00080	2.815
500	350	160	55	650	289	8.55.B00090	2.349
450	350	160	55	610	271	8.55.B00120	2.211
450	350	160	55	750	297	8.55.B00125	2.417
550	350	160	65	670	332	8.55.B00150	2.693
550	450	160	55	820	406	8.55.B00160	3.289
630	450	160	55	820	460	8.55.B00170	3.718
630	450	260	65	900	564	8.55.B00171	4.482
630	630	210	55	850	545	8.55.B00172	4.429
630	630	260	55	700	485	8.55.B00173	3.985
350	450	160	65	650	232	8.55.B00180	1.913
800	450	160	65	850	604	8.55.B00190	4.965
800	800	310	55	800	732	8.55.B00191	5.982
800	800	210	55	1000	820	8.55.B00192	6.540
1200	850	260	65	1300	1506	8.55.B00230	12.360
1250	1250	410	40	1500	-	8.55.A00235	16.875

Art. 55C

 Completamente lavorati
 Completely machined

 General tolerance $\pm 0,02$ mm

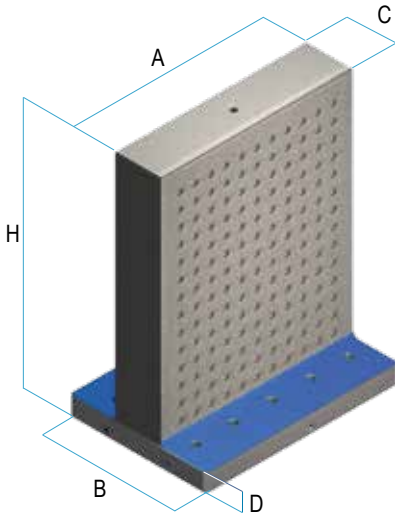
Dimensioni - Dimensions

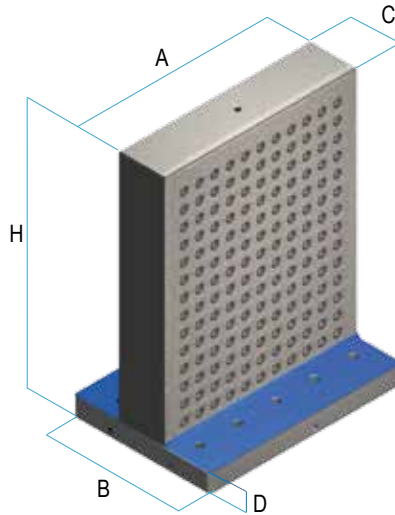
A	B	C	D	H	kg	Cod.	€
160	200	70	45	225	24	8.55.C00010	339
350	250	80	50	415	103	8.55.C00040	1.356
300	440	80	50	300	109	8.55.C00044	1.442
300	440	150	50	630	185	8.55.C00045	2.369
400	350	100	50	525	190	8.55.C00050	2.415
400	400	150	50	500	193	8.55.C00051	2.350
400	400	150	45	660	222	8.55.C00052	2.863
500	500	150	45	700	290	8.55.C00053	3.825
500	500	200	50	600	287	8.55.C00054	3.715
500	500	260	40	625	310	8.55.C00055	3.934
450	350	100	50	525	208	8.55.C00060	2.633
450	350	100	50	620	245	8.55.C00070	3.092
550	350	100	60	650	321	8.55.C00080	4.021
500	350	150	50	650	263	8.55.C00090	3.355
450	350	150	50	610	250	8.55.C00120	3.159
450	350	150	50	750	271	8.55.C00125	3.453
550	350	150	60	670	303	8.55.C00150	3.847
550	450	150	50	820	369	8.55.C00160	4.699
630	450	150	50	820	418	8.55.C00170	5.310
630	450	250	60	900	513	8.55.C00171	6.403
630	630	200	50	850	504	8.55.C00172	6.327
630	630	250	50	700	447	8.55.C00173	5.693
350	450	150	60	650	213	8.55.C00180	2.732
800	450	150	60	850	548	8.55.C00190	7.092
800	800	300	50	800	674	8.55.C00191	8.545
800	800	200	50	1000	814	8.55.C00192	9.342
1200	850	250	60	1300	1374	8.55.C00230	17.510
1250	1250	400	40	1500	-	8.55.C00235	24.110

Modelli normalmente presenti a magazzino

> Non sgrassato di fresa ! Per lavorazioni o materiali diversi (alluminio), richiedere quotazione specifica

SPALLE - 2 SIDES TOMBSTONES
Art. 55E

 Reticolo integrale
 Grid tombstone

Art. 55F

 Reticolo con bussole
 Grid tombstone with bushing

 Stesse dimensioni dell'Art. 55C / Same dimensions of Art. 55C
 Peso: -5% circa rispetto Art. 55C / Weight: About -5% of Art. 55C

Specifiche - Specifications
Art. 55A

 Fusione in ghisa G30 monoblocco sgrassata con doppio trattamento di distensione.
 Pareti con spessore 43-45 mm
 (Sovrametallo 10 mm)

 One integral G30 cast iron casting rough milled with double stress relieving heat treatment.
 Wall thickness 43-45 mm
 (10 mm stock)

Art. 55B

Fusione sgrassata con base lavorata e raschiata per pallet a norme Europee o Giapponesi.

Vedi specifiche a pag. 8.6

 Rough milled casting with base face machined and hand scraped for direct clamping on European or Japanese standard pallet.
See specifications pag. 8.6
Art. 55C

Spalla completamente finita con pareti spessore 38-40 mm circa.

2 sides tombstone completely finished with wall thickness roughly 38-40 mm

Art. 55E 40 / 50

 Spalla a reticolo con fori calibrati e filettati integrali - Tolleranza $\pm 0,02$ mm

- Interasse reticolo 40 mm = $\varnothing 12$ / M10
- Interasse reticolo 50 mm = $\varnothing 16$ / M12

 2 sides grid tombstone with calibrated holes and solid threads - Tolerance $\pm 0,02$ mm

- Grid pitch 40 mm = $\varnothing 12$ / M10
- Grid pitch 50 mm = $\varnothing 16$ / M12

Art. 55F 40 / 50

 Spalla a reticolo con bussole temprate 100Cr6 e filetti riportati in acciaio inox
 Tolleranza $\pm 0,02$ mm

- Interasse reticolo 40 mm = $\varnothing 12$ / M10
- Interasse reticolo 50 mm = $\varnothing 16$ / M12

 2 sides grid tombstone with hardened bushing 100Cr6 and stainless steel helicoils
 Tolerance $\pm 0,02$ mm

- Grid pitch 40 mm = $\varnothing 12$ / M10
- Grid pitch 50 mm = $\varnothing 16$ / M12

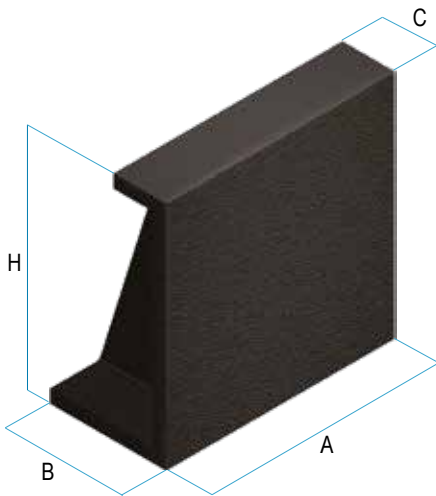
Art. 55E 40		Art. 55E 50		Art. 55F 40		Art. 55F 50	
Cod.	€	Cod.	€	Cod.	€	Cod.	€
8.55.E40010	529	8.55.E00010	441	8.55.F40010	610	8.55.F00010	509
8.55.E40040	2.113	8.55.E00040	1.761	8.55.F40040	2.439	8.55.F00040	2.032
8.55.E40044	2.163	8.55.E00044	1.854	8.55.F40044	2.472	8.55.F00044	2.060
8.55E40045	3.605	8.55E00045	3.090	8.55F40045	4.120	8.55F00045	3.502
8.55.E40050	3.768	8.55.E00050	3.140	8.55.F40050	4.347	8.55.F00050	3.623
8.55.E40051	3.665	8.55.E00051	3.055	8.55.F40051	4.229	8.55.F00051	3.524
8.55.E40052	4.466	8.55.E00052	3.722	8.55.F40052	5.154	8.55.F00052	4.294
8.55.E40053	5.966	8.55.E00053	4.972	8.55.F40053	6.884	8.55.F00053	5.737
8.55.E40054	5.796	8.55.E00054	4.830	8.55.F40054	6.688	8.55.F00054	5.573
8.55.E40055	6.137	8.55.E00055	5.114	8.55.F40055	7.080	8.55.F00055	5.901
8.55.E40060	4.108	8.55.E00060	3.423	8.55.F40060	4.741	8.55.F00060	3.951
8.55.E40070	4.825	8.55.E00070	4.020	8.55.F40070	5.567	8.55.F00070	4.639
8.55.E40080	6.274	8.55.E00080	5.227	8.55.F40080	7.238	8.55.F00080	6.032
8.55.E40090	5.234	8.55.E00090	4.362	8.55.F40090	6.038	8.55.F00090	5.032
8.55.E40120	4.926	8.55.E00120	4.105	8.55.F40120	5.684	8.55.F00120	4.737
8.55.E40125	5.387	8.55.E00125	4.489	8.55.F40125	6.216	8.55.F00125	5.180
8.55.E40150	6.000	8.55.E00150	5.000	8.55.F40150	6.923	8.55.F00150	5.769
8.55.E40160	7.329	8.55.E00160	6.109	8.55.F40160	8.458	8.55.F00160	7.048
8.55.E40170	8.284	8.55.E00170	6.904	8.55.F40170	9.559	8.55.F00170	7.966
8.55.E40171	9.990	8.55.E00171	8.324	8.55.F40171	11.526	8.55.F00171	9.605
8.55.E40172	9.869	8.55.E00172	8.225	8.55.F40172	11.388	8.55.F00172	9.490
8.55.E40173	8.881	8.55.E00173	7.401	8.55.F40173	10.247	8.55.F00173	8.540
8.55.E40180	4.262	8.55.E00180	3.552	8.55.F40180	4.917	8.55.F00180	4.098
8.55.E40190	11.062	8.55.E00190	9.218	8.55.F40190	12.764	8.55.F00190	10.637
8.55.E40191	13.329	8.55.E00191	11.108	8.55.F40191	15.380	8.55.F00191	12.817
8.55.E40192	14.574	8.55.E00192	12.145	8.55.F40192	16.816	8.55.F00192	14.013
8.55.E40230	26.780	8.55.E00230	22.260	8.55.F40230	30.900	8.55.F00230	25.750
8.55.E40235	30.857	8.55.E00235	26.650	8.55.F40235	33.750	8.55.F00235	30.135

Available usually immediately

> Not rough milled

! For different finishing and materials (aluminium), ask for specific quotation

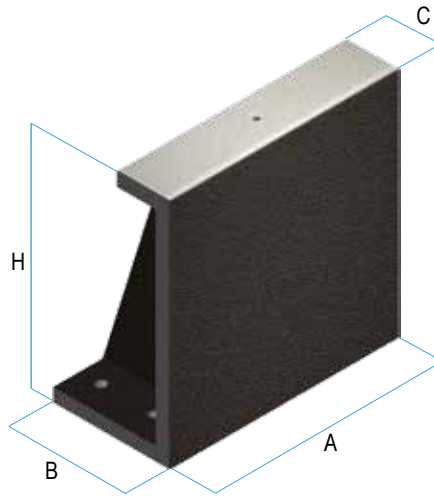
SQUADRE - ANGLES
Art. 56A

 Sgrossati di fresa
 Rough milled

 General tolerance ± 2 mm

Dimensioni - Dimensions

A	B	C	H	kg	Cod.	€
360	160	45	260	50	8.56.A00008	274
310	230	105	310	66	8.56.A00009	361
360	240	105	370	87	>8.56.A00010	475
410	290	105	410	114	8.56.A00011	624
210	360	40	710	120	*8.56.A00012	656
410	340	155	520	167	>8.56.A00030	912
510	350	155	510	188	8.56.A00031	1.028
460	340	155	470	161	>8.56.A00040	880
460	340	155	620	197	>8.56.A00050	1.093
640	445	155	640	304	8.56.A00051	1.612
510	240	105	370	117	>8.56.A00060	639
560	440	205	820	342	>8.56.A00080	1.814
660	340	155	670	285	>8.56.A00100	1.508
210	310	55	710	102	8.56.A00101	557
810	340	155	570	302	>8.56.A00110	1.650
810	535	205	810	491	8.56.A00111	2.683
810	440	205	810	450	>8.56.A00120	2.459
1025	510	90	1020	695	8.56.A00130	3.811
1025	620	90	1225	775	8.56.A00140	4.223
1810	835	143	1510	1794	8.56.A00150	9.060

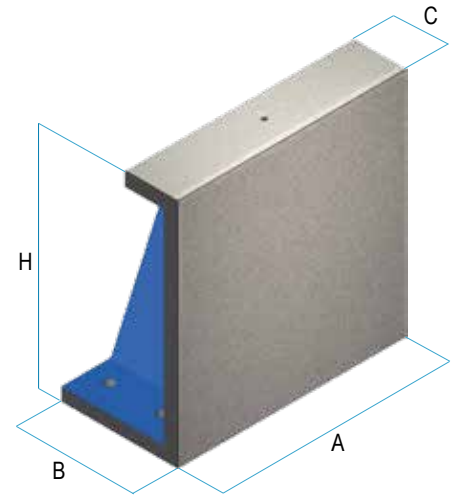
Art. 56B

 Base finita
 Base finished

 General tolerance ± 2 mm

Dimensioni - Dimensions

A	B	C	H	kg	Cod.	€
350	160	45	250	46	8.56.B00008	383
300	230	105	300	61	8.56.B00009	505
350	240	105	360	80	8.56.B00010	666
400	290	105	400	106	8.56.B00011	872
200	350	35	700	104	*8.56.B00012	919
400	340	155	510	148	8.56.B00030	1.278
500	350	155	500	176	8.56.B00031	1.439
450	340	155	460	150	8.56.B00040	1.232
450	340	155	610	185	8.56.B00050	1.530
630	445	155	630	286	8.56.B00051	2.257
500	240	105	360	109	8.56.B00060	896
550	440	205	810	324	8.56.B00080	2.540
650	340	155	660	269	8.56.B00100	2.386
200	310	55	700	96	8.56.B00101	781
800	340	155	560	294	8.56.B00110	2.311
800	535	205	800	464	8.56.B00111	3.755
800	440	205	800	427	8.56.B00120	3.442
1015	510	90	1010	668	8.56.B00130	5.356
1015	620	90	1215	1115	8.56.B00140	6.180
1810	835	143	1500	-	8.56.B00150	12.682

Art. 56C

 Completamente lavorati
 Completely machined

 General tolerance $\pm 0,02$ mm

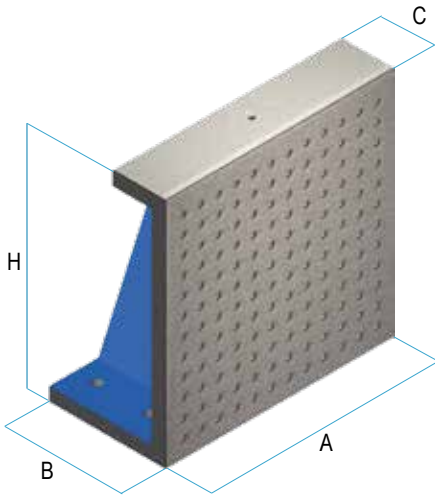
Dimensioni - Dimensions

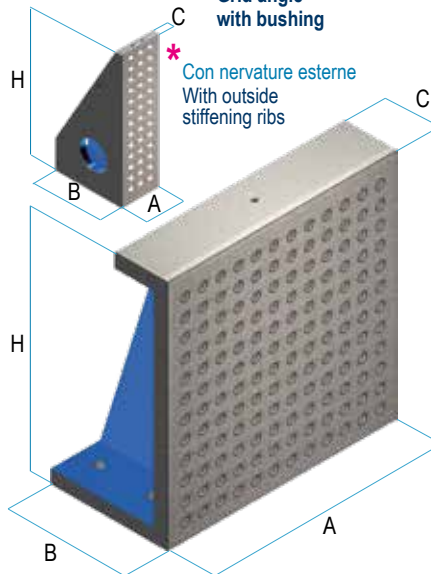
A	B	C	H	kg	Cod.	€
350	150	40	250	42	8.56.C00008	547
300	220	100	300	57	8.56.C00009	721
350	230	100	360	75	8.56.C00010	951
400	280	100	400	100	8.56.C00011	1.247
200	350	35	700	100	*8.56.C00012	1.312
400	330	150	510	140	8.56.C00030	1.825
500	340	150	500	166	8.56.C00031	2.054
450	330	150	460	142	8.56.C00040	1.759
450	330	150	610	174	8.56.C00050	2.186
630	435	150	630	270	8.56.C00051	3.224
500	230	100	360	107	8.56.C00060	1.279
550	430	200	810	252	8.56.C00080	3.628
650	330	150	660	245	8.56.C00100	3.410
200	300	50	700	90	8.56.C00101	1.115
800	330	150	560	266	8.56.C00110	3.300
800	525	200	800	452	8.56.C00111	5.365
800	430	200	800	402	8.56.C00120	4.917
1015	500	85	1010	629	8.56.C00130	7.622
1015	610	85	1215	695	8.56.C00140	8.755
1800	825	138	1500	-	8.56.C00150	18.120

Modelli normalmente presenti a magazzino

> Non sgrassato di fresa ! Per lavorazioni o materiali diversi (alluminio), richiedere quotazione specifica

SQUADRE - ANGLES
Art. 56E

 Reticolo integrale
 Grid angle

Art. 56F

 Reticolo con bussole
 Grid angle
 with bushing

 Stesse dimensioni dell'Art. 56C / Same dimensions of Art. 56C
 Peso: -5% circa rispetto Art. 56C / Weight: About -5% of Art. 56C

Specifiche - Specifications
Art. 56A

Fusione in ghisa G30 monoblocco sgrassata con doppio trattamento di distensione. Pareti con spessore 43-45 mm (Sovrametallo 10 mm)

One integral G30 cast iron casting rough milled with double stress relieving heat treatment. Wall thickness 43-45 mm (10 mm stock)

Art. 56B

Fusione sgrassata con base lavorata e raschiata per pallet a norme Europee o Giapponesi.

Vedi specifiche a pag. 8.6

Rough milled casting with base face machined and hand scraped for direct clamping on European or Japanese standard pallet. See specifications pag. 8.6

Art. 56C

Squadra completamente finita con pareti spessore 38-40 mm circa.

Angle completely finished with wall thickness roughly 38-40 mm

Art. 56E 40 / 50

 Squadra a reticolo con fori calibrati e filettati integrali - Tolleranza $\pm 0,02$ mm

- Interasse reticolo 40 mm = $\varnothing 12$ / M10
- Interasse reticolo 50 mm = $\varnothing 16$ / M12

 Grid angle with calibrated holes and solid threads - Tolerance $\pm 0,02$ mm

- Grid pitch 40 mm = $\varnothing 12$ / M10
- Grid pitch 50 mm = $\varnothing 16$ / M12

Art. 56F 40 / 50

 Squadra a reticolo con bussole temprate 100Cr6 e filetti riportati in acciaio inox Tolleranza $\pm 0,02$ mm

- Interasse reticolo 40 mm = $\varnothing 12$ / M10
- Interasse reticolo 50 mm = $\varnothing 16$ / M12

 Grid angle with hardened bushing 100Cr6 and stainless steel helicoils Tolerance $\pm 0,02$ mm

- Grid pitch 40 mm = $\varnothing 12$ / M10
- Grid pitch 50 mm = $\varnothing 16$ / M12

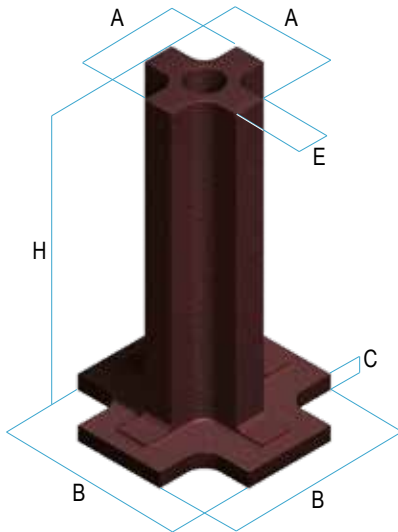
Art. 56E 40		Art. 56E 50		Art. 56F 40		Art. 56F 50	
Cod.	€	Cod.	€	Cod.	€	Cod.	€
8.56.E40008	853	8.56.E00008	711	8.56.F40008	984	8.56.F00008	820
8.56.E40009	1.126	8.56.E00009	938	8.56.F40009	1.299	8.56.F00009	1.083
8.56.E40010	1.483	8.56.E00010	1.236	8.56.F40010	1.712	8.56.F00010	1.426
8.56.E40011	1.943	8.56.E00011	1.619	8.56.F40011	2.242	8.56.F00011	1.868
* 8.56.E40012	2.046	* 8.56.E00012	1.705	* 8.56.F40012	2.360	* 8.56.F00012	1.967
8.56.E40030	2.847	8.56.E00030	2.373	8.56.F40030	3.285	8.56.F00030	2.737
8.56.E40031	3.205	8.56.E00031	2.671	8.56.F40031	3.698	8.56.F00031	3.082
8.56.E40040	2.745	8.56.E00040	2.288	8.56.F40040	3.167	8.56.F00040	2.640
8.56.E40050	3.410	8.56.E00050	2.841	8.56.F40050	3.934	8.56.F00050	3.278
8.56.E40051	5.029	8.56.E00051	4.190	8.56.F40051	5.802	8.56.F00051	4.835
8.56.E40060	1.995	8.56.E00060	1.663	8.56.F40060	2.301	8.56.F00060	1.918
8.56.E40080	5.659	8.56.E00080	4.717	8.56.F40080	6.530	8.56.F00080	5.442
8.56.E40100	5.319	8.56.E00100	4.432	8.56.F40100	6.137	8.56.F00100	5.114
8.56.E40101	1.739	8.56.E00101	1.449	8.56.F40101	2.006	8.56.F00101	1.672
8.56.E40110	5.147	8.56.E00110	4.290	8.56.F40110	5.940	8.56.F00110	4.950
8.56.E40111	8.370	8.56.E00111	6.974	8.56.F40111	9.658	8.56.F00111	8.048
8.56.E40120	7.671	8.56.E00120	6.392	8.56.F40120	8.851	8.56.F00120	7.376
8.56.E40130	11.845	8.56.E00130	9.270	8.56.F40130	13.390	8.56.F00130	11.330
8.56.E40140	14.420	8.56.E00140	11.845	8.56.F40140	16.480	8.56.F00140	13.905
8.56.E40150	23.199	8.56.E00150	20.840	8.56.F40150	25.365	8.56.F00150	22.650

Available usually immediately

> Not rough milled

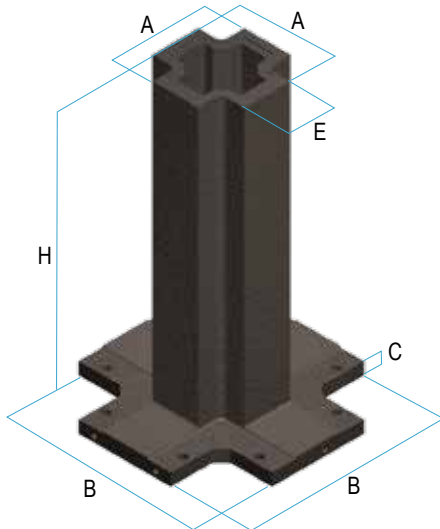
! For different finishing and materials (aluminium), ask for specific quotation

CUBI A CROCE - CROSS CUBES
Art. 57A

 Sgrossati di fresa
 Rough milled

 General tolerance ± 2 mm

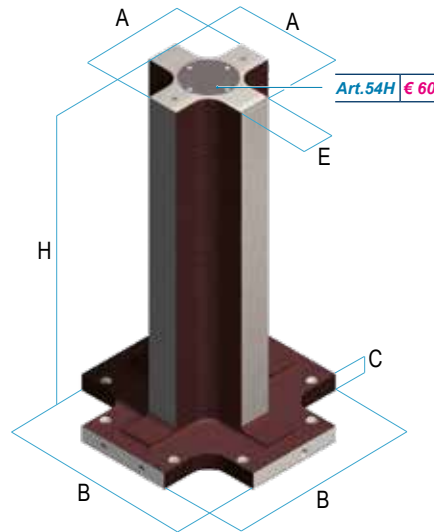
Dimensioni - Dimensions

A	B	C	E	H	kg	Cod.	€
210	510	45	80	760	172	8.57.A00100	940
210	510	45	80	660	156	8.57.A00105	994
260	510	45	80	760	212	>8.57.A00106	1.158
280	510	45	80	860	254	8.57.A00110	1.372



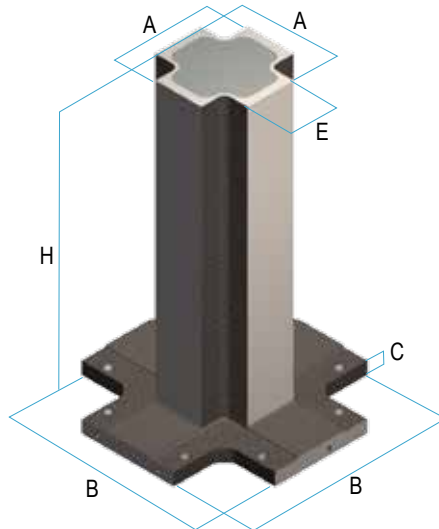
240	510	45	110	860	237	>8.57.A00120	1.295
310	510	45	150	860	291	>8.57.A00130	1.590
310	640	45	150	960	357	>8.57.A00140	1.950
380	510	45	200	960	419	8.57.A00145	2.290
410	510	55	100	860	254	8.57.A00150	1.296

Art. 57B

 Base finita
 Base finished

 General tolerance ± 2 mm

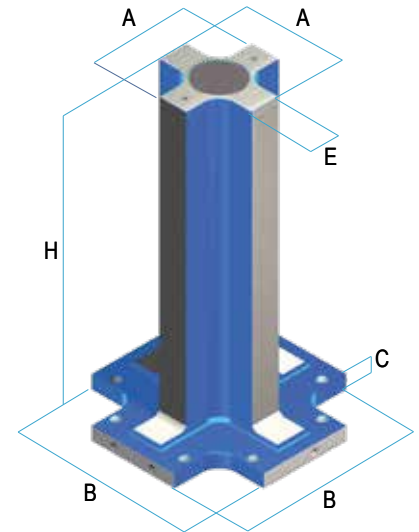
Dimensioni - Dimensions

A	B	C	E	H	kg	Cod.	€
203	500	40	80	750	157	8.57.B00100	1.316
203	500	40	80	650	142	8.57.B00105	1.393
253	500	40	80	750	197	8.57.B00106	1.622
273	500	40	80	850	242	8.57.B00110	1.783



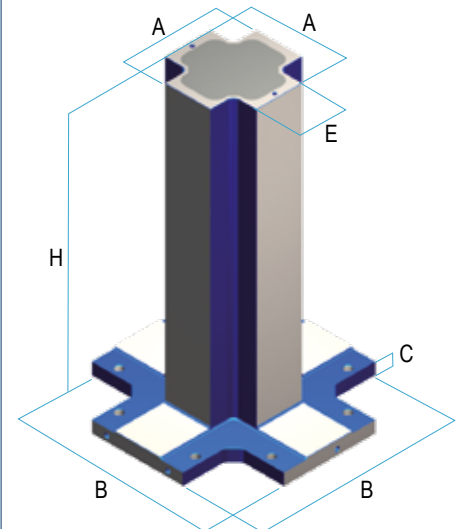
233	500	40	110	850	218	8.57.B00120	1.685
303	500	40	150	850	269	8.57.B00130	2.068
303	630	40	150	950	327	8.57.B00140	2.341
373	500	40	200	950	400	8.57.B00145	2.748
403	500	50	100	850	241	8.57.B00150	1.685

Art. 57C

 Completamente lavorati
 Completely machined

 General tolerance $\pm 0,02$ mm

Dimensioni - Dimensions

A	B	C	E	H	kg	Cod.	€
200	500	40	80	750	154	8.57.C00100	1.692
200	500	40	80	650	140	8.57.C00105	1.791
250	500	40	80	750	194	8.57.C00106	2.085
270	500	40	80	850	240	8.57.C00110	2.468

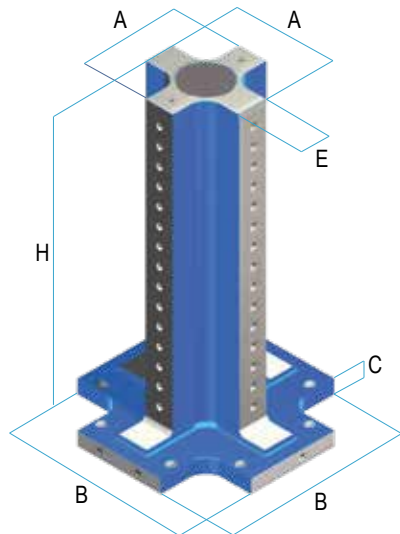


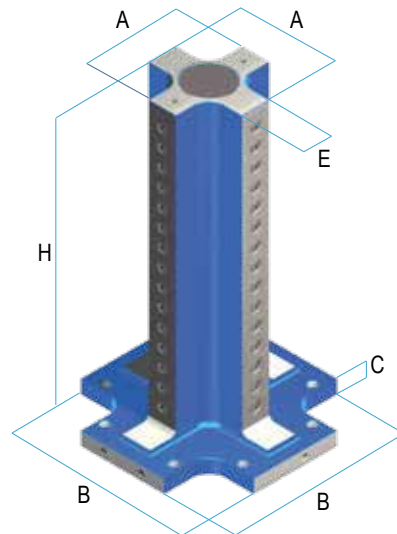
230	500	40	110	850	214	8.57.C00120	2.331
300	500	40	150	850	264	8.57.C00130	2.862
300	630	40	150	950	322	8.57.C00140	3.121
370	500	40	200	950	397	8.57.C00145	4.121
400	500	50	100	850	239	8.57.C00150	2.332

Modelli normalmente presenti a magazzino

> Non sgrassato di fresa ! Per lavorazioni o materiali diversi (alluminio), richiedere quotazione specifica

CUBI A CROCE - CROSS CUBES
Art. 57E

 Reticolo integrale
 Grid cube

Art. 57F

 Reticolo con bussole
 Grid cube
 with bushing

 Stesse dimensioni dell'Art. 57C / Same dimensions of Art. 57C
 Peso: -5% circa rispetto Art. 57C / Weight: About -5% of Art. 57C

Specifiche - Specifications
Art. 57A

Fusione in ghisa G30 monoblocco sgrassata con doppio trattamento di distensione. Pareti con spessore 43-45 mm (Sovrametallo 10 mm)

One integral G30 cast iron casting rough milled with double stress relieving heat treatment. Wall thickness 43-45 mm (10 mm stock)

Art. 57B

Fusione sgrassata con base lavorata e raschiata per pallet a norme Europee o Giapponesi.

Vedi specifiche a pag. 8.6

 Rough milled casting with base face machined and hand scraped for direct clamping on European or Japanese standard pallet. **See specifications pag. 8.6**
Art. 57C

Cubo a croce completamente finito con pareti spessore 38-40 mm circa.

Crosscube completely finished with wall thickness roughly 38-40 mm

Art. 57E 40 / 50

 Cubo a croce a reticolo con fori calibrati e filettati integrali - Tolleranza $\pm 0,02$ mm

- Interasse reticolo 40 mm = $\varnothing 12$ / M10
- Interasse reticolo 50 mm = $\varnothing 16$ / M12

 Cross cube with calibrated holes and solid threads - Tolerance $\pm 0,02$ mm

- Grid pitch 40 mm = $\varnothing 12$ / M10
- Grid pitch 50 mm = $\varnothing 16$ / M12

Art. 57F 40 / 50

 Cubo a croce a reticolo con bussole temprate 100Cr6 e filetti riportati in acciaio inox Tolleranza $\pm 0,02$ mm

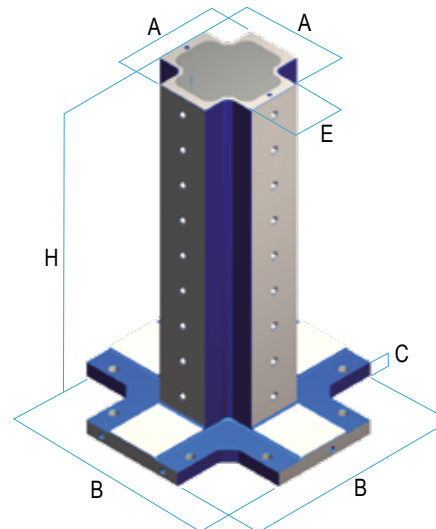
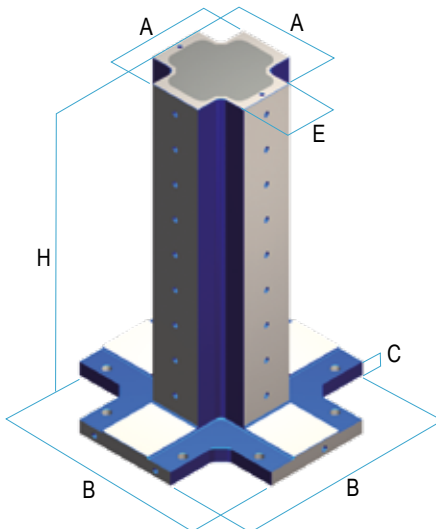
- Interasse reticolo 40 mm = $\varnothing 12$ / M10
- Interasse reticolo 50 mm = $\varnothing 16$ / M12

 Grid cross cube with hardened bushing 100Cr6 and stainless steel helicoils Tolerance $\pm 0,02$ mm

- Grid pitch 40 mm = $\varnothing 12$ / M10
- Grid pitch 50 mm = $\varnothing 16$ / M12

Art. 57E 40		Art. 57E 50	
Cod.	€	Cod.	€
8.57.E40100	2.162	8.57.E00100	1.785
8.57.E40105	2.288	8.57.E00105	1.889
8.57.E40106	2.665	8.57.E00106	2.202
8.57.E40110	3.154	8.57.E00110	2.606

Art. 57F 40		Art. 57F 50	
Cod.	€	Cod.	€
8.57.F40100	2.350	8.57.F00100	1.880
8.57.F40105	2.486	8.57.F00105	1.989
8.57.F40106	2.896	8.57.F00106	2.317
8.57.F40110	3.430	8.57.F00110	2.743



8.57.E40120	2.979	8.57.E00120	2.461
8.57.E40130	3.658	8.57.E00130	3.022
8.57.E40140	4.487	8.57.E00140	3.316
8.57.E40145	5.266	8.57.E00145	4.350
8.57.E40150	2.979	8.57.E00150	2.461

8.57.F40120	3.238	8.57.F00120	2.590
8.57.F40130	3.976	8.57.F00130	3.180
8.57.F40140	4.877	8.57.F00140	3.707
8.57.F40145	5.724	8.57.F00145	4.579
8.57.F40150	4.590	8.57.F00150	3.825

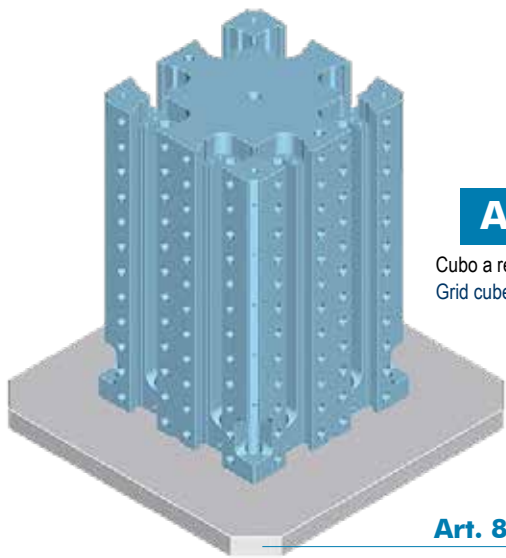
Available usually immediately

> Not rough milled



For different finishing and materials (aluminium), ask for specific quotation

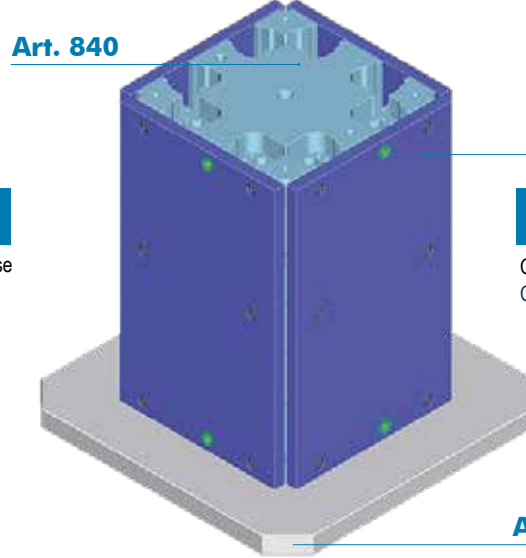
SISTEMA MODULARE MULTIPLIO
MULTI-MODULAR SYSTEM



Art. 840

Cubo a reticolo - Corpo base
Grid cube - Base body

Art. 828 extra



Art. 840

Art. 58

Art. 841

Cubo con piastre riportate
Cube with modular plate

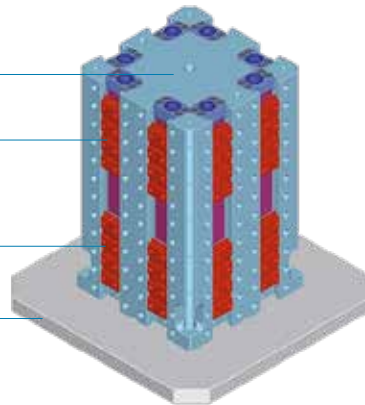
Art. 828 extra

Art. 840

Art. 829A

Art. 830

Art. 828 extra



Art. 842

Cubo con morse FMS senza ganasce
Cube with FMS vises without jaws

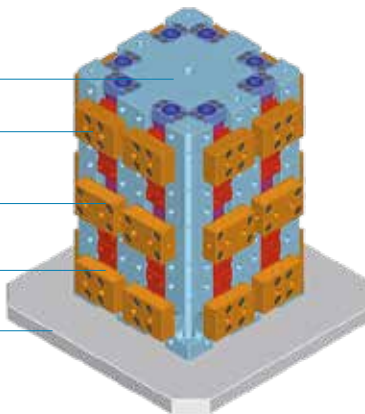
Art. 840

Art. 810

Art. 845

Art. 810

Art. 828 extra



Art. 843

Cubo con morse FMS con ganasce
(Per 16 pezzi)

Cube with FMS vises with jaws
(Clamping 16 pcs)

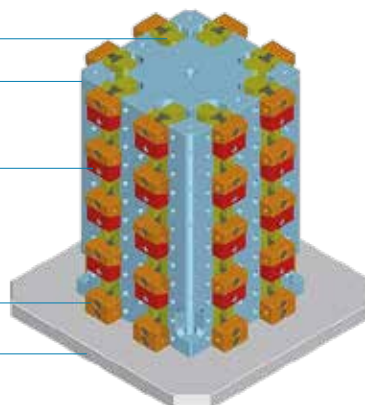
Art. 846

Art. 840

Art. 605

Art. 604

Art. 828 extra



Art. 844

Cubo con morse MULTIFLEX
(Per 32 pezzi)

Cube with MULTIFLEX vises
(Clamping 32 pcs)

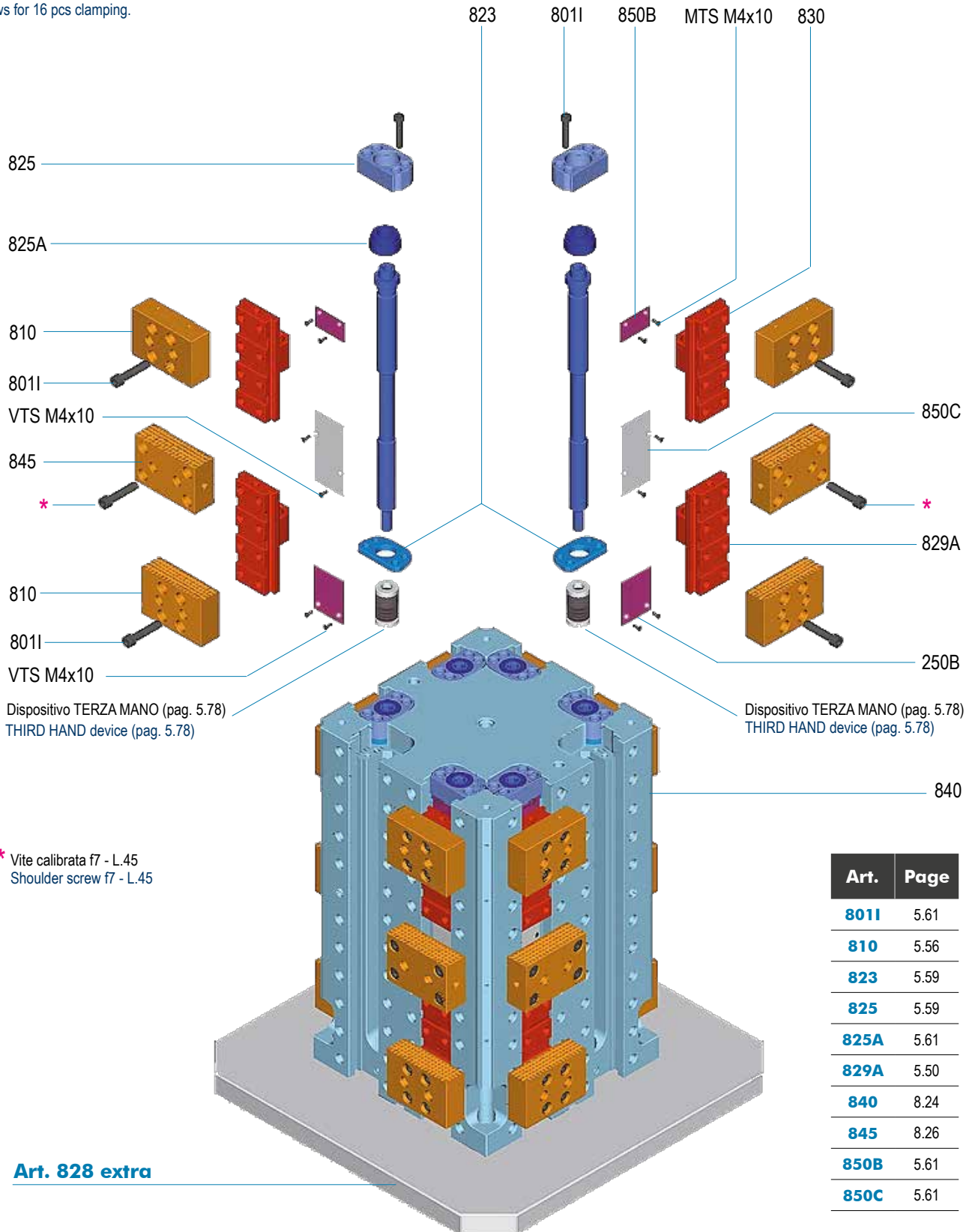
CUBO MODULARE MULTIPLO

MULTI-MODULAR CUBE

Art. 843

Cubo con morse FMS completo di ganasce standard per il bloccaggio di 16 pezzi.

Cube with FMS vises and standard jaws for 16 pcs clamping.



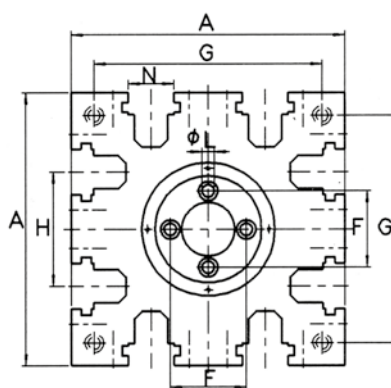
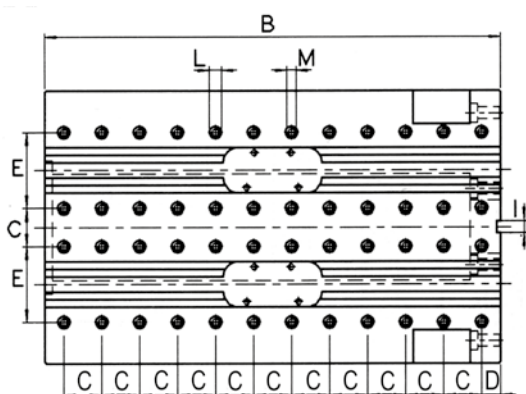
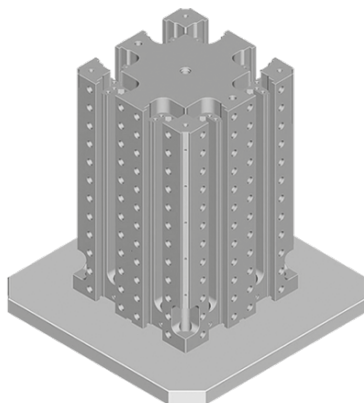
* Vite calibrata f7 - L.45
Shoulder screw f7 - L.45

Art.	Page
801I	5.61
810	5.56
823	5.59
825	5.59
825A	5.61
829A	5.50
840	8.24
845	8.26
850B	5.61
850C	5.61

Art. 828 extra

Dimensioni - Dimensions (mm)
Art. 840

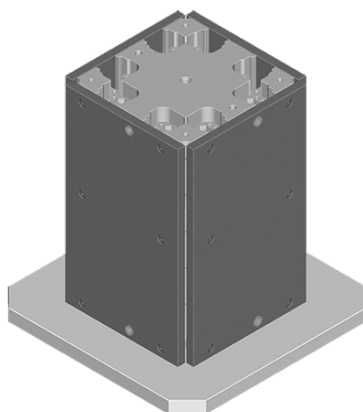
 Cubo a reticolo - Corpo base
 In ghisa G600

 Grid cube - Base body
 In cast iron G600


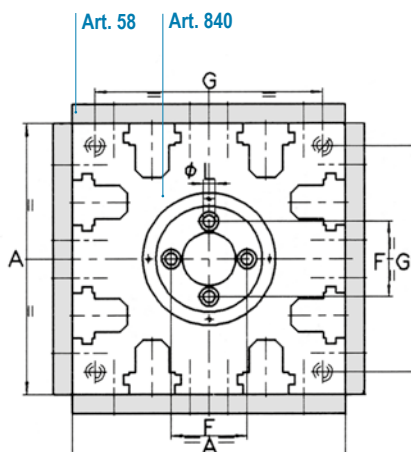
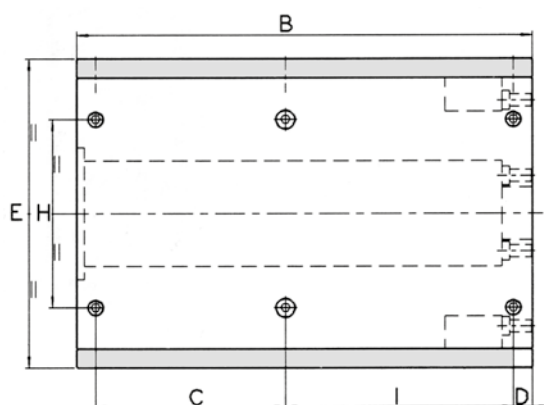
A ±0,02	360
B	600
C ±0,02	50
D ±0,02	25
E ±0,02	100
F ±0,02	100
G ±0,02	300
H	150
I H7	16
L F7	16
M	M12
N ±0,02	41
Ghisa kg Cast iron	335
Cod.	5.84.03600
€	7.767

> Non sgrassato di fresa - Not rough milled

Dimensioni - Dimensions (mm)
Art. 841

 Cubo con piastre riportate
 Cube with modular plates


Art.	Page
58	8.22
840	8.24



A ±0,02	360
B	600
C ±0,02	250
D ±0,02	25
E ±0,02	410
F ±0,02	100
G ±0,02	300
H	250
I H7	300
L F7	16
M	M12
N ±0,02	41
Ghisa kg Cast iron	508
Cod.	5.84.13600
€	10.443

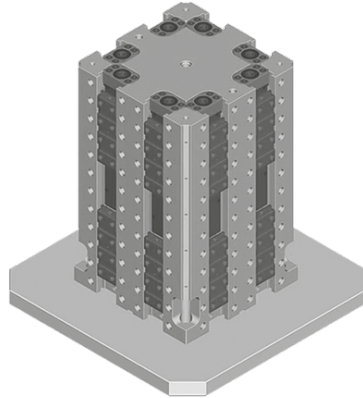
Ogni cubo è completo di 4 piastre riportate (Art. 58) e 2 coppie di tasselli di posizionamento.

Each cube is supplied with 4 modular plate (Art. 58) and 2 pair of key nuts.

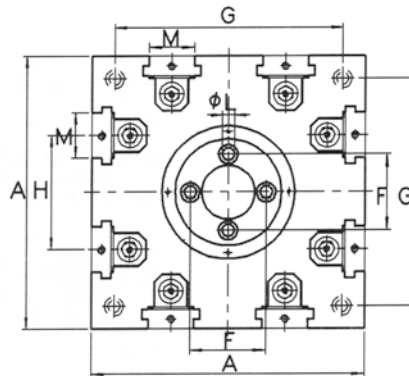
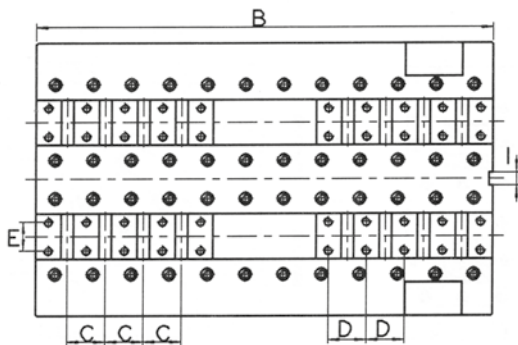
Dimensioni - Dimensions (mm)
Art. 842

Cubo con morse FMS senza ganasce per il bloccaggio di **16 pezzi**

Cube with FMS vises without jaws for **16 pcs** clamping



Art.	Pag.
822	5.52
829	5.50
830	8.22
850B	5.61
850C	



A ±0,02	360
B	600
C ±0,02	50
D ±0,02	50
E ±0,02	38
F ±0,02	100
G ±0,02	300
H	150
I H7	16
L F7	16
M	61
N ±0,02	-
Ghisa kg Cast iron	406
Cod.	5.84.23600
€	16.192

Ogni cubo è fornito di 8 set completi di tutti i particolari interni di una morsa FMS (pag. 5-21) e di 2 coppie di tasselli di posizionamento

Each cube is supplied of 8 sets of all FMS vise components (pag. 5-21) and 2 pair of key nuts.

Art. 842A

Una slitta completa (**Art. 822 + Art. 829 + Art. 830**)
 One complete slide (**Art. 822 + Art. 829 + Art. 830**)

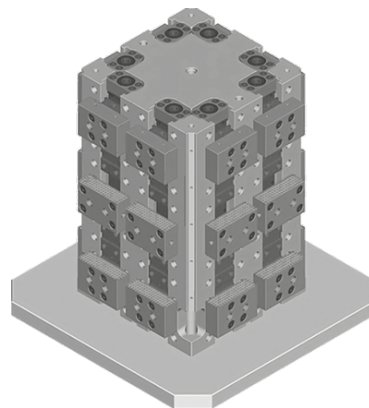
Cod. 5.84.2A360

€ 1.185

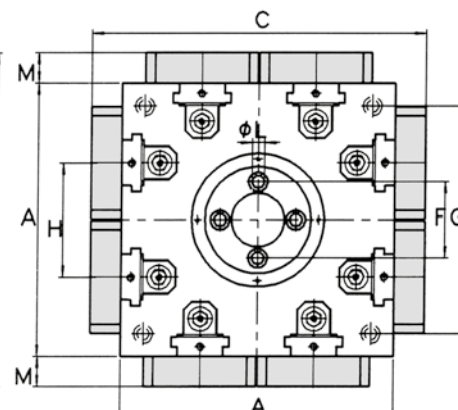
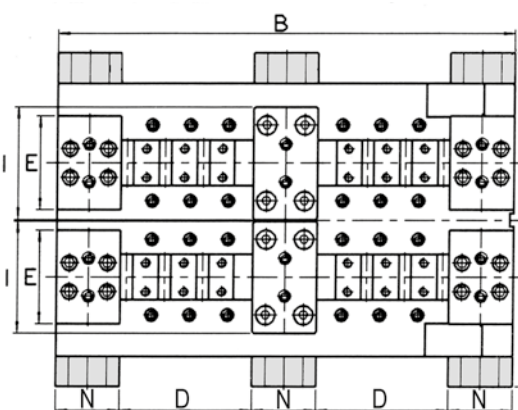
Dimensioni - Dimensions (mm)
Art. 843

Cubo con morse FMS completo di ganasce standard per il bloccaggio di 16 pezzi. (Vedi dettagli a pag. 8.23)

Cube with FMS vises and standard jaws for 16 pcs clamping. (See details pag. 8.23)



Art.	Page
810	5.56
822	5.52
829	5.50
830	8.22
840	8.24
845	8.24
850B	5.61
850C	



A ±0,02	360
B	600
C ±0,02	440
D ±0,02	174
E ±0,02	124
F ±0,02	100
G ±0,02	300
H	150
I H7	148
L F7	16
M	40
N ±0,02	84
Ghisa kg Cast iron	454
Cod.	5.84.33600
€	19.632

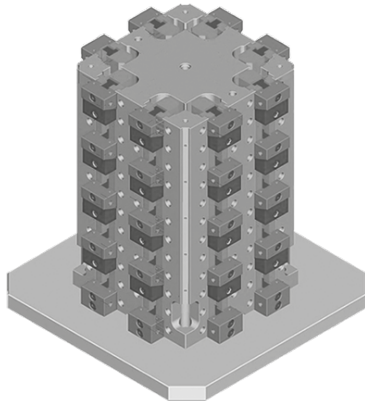
Ogni cubo è completo di 8 ganasce fisse (Art.845) e 16 ganasce mobili (Art. 810), 1 chiave a pipa, tasselli di posizionamento e 16 arresti laterali.

Each cube is supplied of 8 fixed jaw (Art. 845) and 16 movable jaw (Art. 810), 1 box wrench, one pair of key nuts and 16 workshop.

Dimensioni - Dimensions (mm)
Art. 844

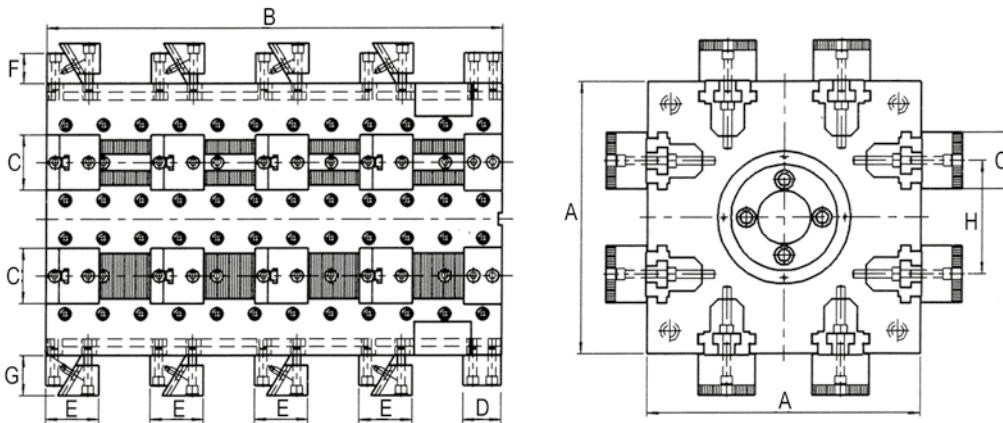
Cubo con morse Multiflex per il bloccaggio di 32 pezzi e oltre

Cube with Multiflex vises for clamping 32 pcs. and over



Art.	Page
840	8.22
604	6.28
605	6.29

A ± 0.02	360
B	600
C ± 0.02	75
D ± 0.02	50
E ± 0.02	70 / 75
F ± 0.02	40
G ± 0.02	40 / 33
H	150
Ghisa / Cast iron kg	476
Cod.	5.84.43600
€	21.138



Ogni cubo è completo di 8 ganasce fisse e 32 ganasce fisse-mobili, 1 chiave a "T", tasselli di posizionamento e 32 arresti laterali.

Each cube is supplied of 8 fixed jaw and 32 fixed-movable jaw, 1 "T" wrench, one pair of key nuts and 32 workstop.

Art. 844A

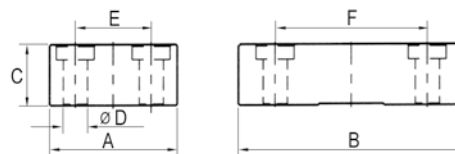
Una slitta completa (Art. 846 + Art. 604 + Art. 605)
 One complete slide (Art. 846 + Art. 604 + Art. 605)

Cod. 5.84.4A360

€ **1.679**

ACCESSORI - ACCESSORIES
Dimensioni - Dimensions (mm)
Art. 845

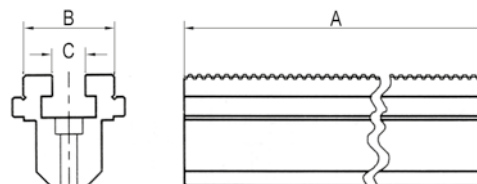
Ganascia fissa per cubo morse FMS (Art. 843)
 Fixed jaw for FMS vise cube (Art. 843)



A ± 0.02	84
B	148
C ± 0.02	140
D F7	16
E	50
F	100
Cod.	5.84.53600
€	226

Art. 846

Guida integrale per cubo MULTIFLEX
 Solid guide for MULTIFLEX cube



A ± 0.02	600
B ± 0.02	61
C ± 0.02	22
Cod.	5.84.63600
€	1.032

SOVRATAVOLE / BASE PLATES		ACCIAIO - STEEL METAL Fe420			ALLUMINIO / ALUMINUM AL5083				
Dimensioni - Dimensions (mm)		A	C	Kg	Cod.	€	Kg	Cod.	€
Art. 60C									
Piastra base per pallet liscia interfacciata.* Piani rettificati Tailor made smooth pallet base plate. * Two faces ground									
400	38	45	8.60.C40404S	933			16	8.60.C40404A	934
	48	63	8.60.C40405S	985			23	8.60.C40405A	981
500	38	70	8.60.C50504S	1.111			25	8.60.C50504A	1.121
	48	97	8.60.C50505S	1.194			35	8.60.C50505A	1.211
630	38	115	8.60.C63634S	1.394			41	8.60.C63634A	1.418
	48	155	8.60.C63635S	1.700			56	8.60.C63635A	1.736
800	38	180	8.60.C80804S	1.851			65	8.60.C80804A	1.897
	48	250	8.60.C80805S	2.318			90	8.60.C80805A	2.369

Art. 60E

Piastra base a reticolo interfacciata per pallet con fori calibrati e filettati integrali
Tailor made grid type with solid calibrated holes and threads

P = Passo 40 o 50mm / Pitch 40 or 50mm

A	C	ACCIAIO - STEEL METAL Fe420				ALLUMINIO / ALUMINUM AL5083			
		Kg	Cod.	€ P = 40	€ P = 50	Kg	Cod.	€ P = 40	€ P = 50
400	48	55	8.60.E40400S	1.476	1.230	20	8.60.E40400A	1.679	1.412
500	48	85	8.60.E50500S	1.888	1.574	31	8.60.E50500A	2.236	1.896
630	48	135	8.60.E63630S	3.068	2.616	49	8.60.E63630A	3.224	2.575
800	48	240	8.60.E80800S	3.895	3.246	86	8.60.E80800A	5.202	4.038

Tolleranza ± 0,02 mm
 Interasse reticolo 40mm = Ø 12 / M10
 Interasse reticolo 50mm = Ø 16 / M12

Tolerance ± 0,02 mm
 Grid pitch 40mm = Ø 12 / M10
 Grid pitch 50mm = Ø 16 / M12

Art. 60F

Piastra base a reticolo interfacciata per pallet con bussole di centraggio temprate 100Cr6 e filetti riportati in acciaio inox
Tailor made grid type with hardened bushings 100Cr6 and inox steel helicoils

P = Passo 40 o 50mm / Pitch 40 or 50mm

A	C	ACCIAIO - STEEL METAL Fe420				ALLUMINIO / ALUMINUM AL5083			
		Kg	Cod.	€ P = 40	€ P = 50	Kg	Cod.	€ P = 40	€ P = 50
400	48	55	8.60.F40400S	1.639	1.366	20	8.60.F40400A	2.833	2.112
500	48	85	8.60.F50500S	2.099	1.749	31	8.60.F50500A	3.914	3.039
630	48	135	8.60.F63630S	3.410	2.906	49	8.60.F63630A	5.954	4.275
800	48	240	8.60.F80800S	4.327	3.606	86	8.60.F80800A	10.197	7.159

Tolleranza ± 0,02 mm
 Interasse reticolo 40mm = Ø 12 / M10
 Interasse reticolo 50mm = Ø 16 / M12

Tolerance ± 0,02 mm
 Grid pitch 40mm = Ø 12 / M10
 Grid pitch 50mm = Ø 16 / M12

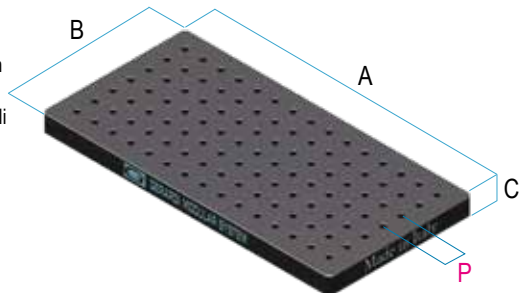
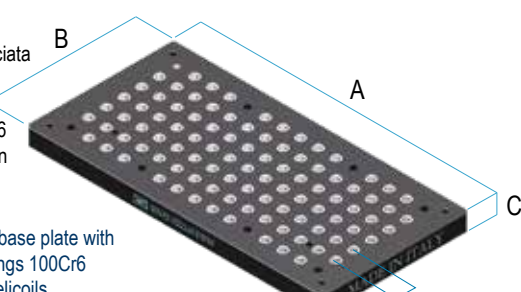
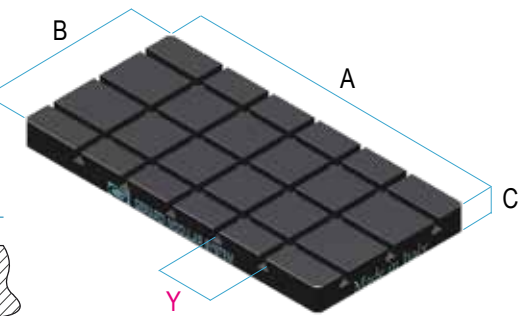
Art. 60G

Piastra base interfacciata per pallet con cave H7
Tailor made with H7 T-slots

In caso di ordine specificare le quote X e Y
Order must include X and Y dimensions

A	C	X	Y	ACCIAIO - STEEL METAL Fe420			ALLUMINIO / ALUMINUM AL5083		
				Kg	Cod.	€	Kg	Cod.	€
400	73	16	100	90	8.60.G40400S	1.366	32	8.60.G40400A	2.369
500	73	16	100	136	8.60.G50500S	1.749	49	8.60.G50500A	3.502
630	73	16	100	220	8.60.G63630S	2.841	79	8.60.G63630A	5.150
800	73	16	100	360	8.60.G80800S	3.606	129	8.60.G80800A	8.601

! Per lavorazioni o materiali diversi (ghisa), richiedere quotazione specifica
 For different finishing and materials (cast iron), ask for specific quotation

SOVRATAVOLA - BASE PLATES			ACCIAIO - STEEL METAL Fe420			ALLUMINIO / ALUMINUM AL5083					
Dimensioni - Dimensions (mm)			A	B	C	Kg	Cod.	€	Kg	Cod.	€
Art. 61C											
Piastra base liscia interfacciata. Piani rettificati Smooth base plate. Faces ground 			600	400	38	71	8.61.C60400S	1.476	26	8.61.C60400A	1.700
			600	500	38	89	8.61.C60500S	1.749	32	8.61.C60500A	2.060
			800	400	38	95	8.61.C80400S	2.022	34	8.61.C80400A	2.318
			900	450	38	120	8.61.C90450S	2.514	43	8.61.C90450A	2.936
			1000	500	38	149	8.61.C10500S	3.060	54	8.61.C10500A	3.657
Art. 61E											
Piastra base a reticolo interfacciata con fori calibrati e filettati integrali Base plate with solid calibrated holes and threads 			A	B	C	Kg	Cod.	€ P=50	Kg	Cod.	€ P=50
			600	400	38	90	8.61.E60400S	1.694	32	8.61.E60400A	1.854
			600	500	38	112	8.61.E60500S	2.076	40	8.61.E60500A	2.163
			800	400	38	119	8.61.E80400S	2.514	43	8.61.E80400A	2.266
			900	450	38	150	8.61.E90450S	3.005	54	8.61.E90450A	2.730
			1000	500	38	188	8.61.E10500S	3.552	68	8.61.E10500A	3.296
Art. 61F											
Piastra base a reticolo interfacciata con bussole di centraggio temprate 100Cr6 e filetti riportati in acciaio inox Grid type pallet base plate with hardened bushings 100Cr6 and inox steel coils 			A	B	C	Kg	Cod.	€ P=50	Kg	Cod.	€ P=50
			600	400	38	87	8.61.F60400S	2.884	31	8.61.F60400A	2.936
			600	500	38	109	8.61.F60500S	3.554	39	8.61.F60500A	3.605
			800	400	38	117	8.61.F80400S	3.708	42	8.61.F80400A	3.760
			900	450	38	147	8.61.F90450S	4.841	53	8.61.F90450A	4.893
			1000	500	38	185	8.61.F10500S	5.614	67	8.61.F10500A	5.665
Art. 61G											
Piastra base interfacciata con cave H7 H7 T-slots pallet base plate 			A	B	C	Kg	Cod.	€ Y=100	Kg	Cod.	€ Y=100
			600	400	38	72	8.61.G60400S	2.987	26	8.61.G60400A	2.987
			600	500	38	89	8.61.G60500S	3.708	32	8.61.G60500A	3.708
			800	400	38	96	8.61.G80400S	3.863	35	8.61.G80400A	3.914
			900	450	38	121	8.61.G90450S	4.635	44	8.61.G90450A	4.687
			1000	500	38	152	8.61.G10500S	5.820	55	8.61.G10500A	5.871

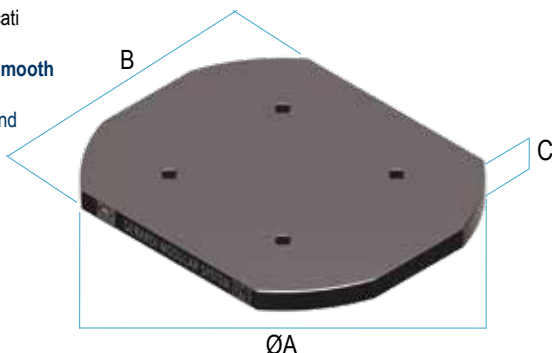
In caso di ordine specificare le quote X e Y
 Order must include X and Y dimensions

! Per lavorazioni o materiali diversi (ghisa), richiedere quotazione specifica
 For different finishing and materials (cast iron), ask for specific quotation

SOVRATAVOLA - BASE PLATES
Dimensioni - Dimensions (mm)
Art. 62C

Piastra base tonda
liscia interfacciata.
Piani rettificati

Rounded smooth
base plate.
Faces ground

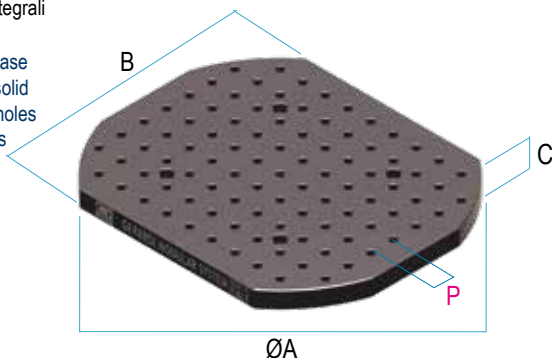


ØA	B	C	ACCIAIO - STEEL METAL Fe420			ALLUMINIO / ALUMINUM AL5083		
			Kg	Cod.	€	Kg	Cod.	€
400	320	38	37	8.62.C4032S	1.050	13	8.62.C4032A	1.350
500	400	38	58	8.62.C5040S	1.200	21	8.62.C5040A	1.500
630	500	38	93	8.62.C6350S	1.450	33	8.62.C6350A	1.750
800	630	38	-	8.62.C8063S	1.800	-	8.62.C8063A	2.100

Art. 62E

Piastra base tonda
a reticolo
interfacciata con
fori calibrati
e filettati integrali

Rounded base
plate with solid
calibrated holes
and threads



ØA	B	C	Kg	Cod.	€	Kg	Cod.	€
					P=50			P=50
400	320	38	37	8.62.E4032S	1.300	13	8.62.E4032A	1.600
500	400	38	58	8.62.E5040S	1.700	21	8.62.E5040A	2.000
630	500	38	93	8.62.E6350S	2.250	33	8.62.E6350A	2.550
800	630	38	-	8.62.E8063S	3.150	-	8.62.E8063A	3.450

Tolleranza ± 0,02 mm

- Interasse reticolo 40mm = Ø 12 / M10
- Interasse reticolo 50mm = Ø 16 / M12

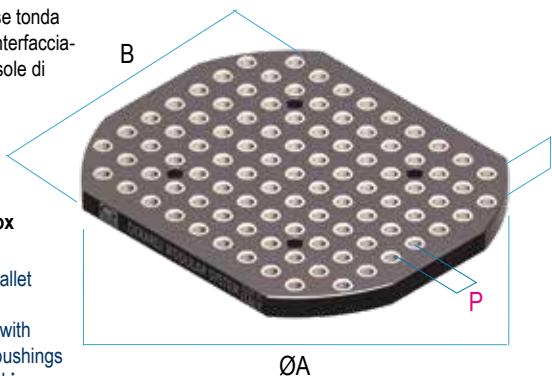
Tolerance ± 0,02 mm

- Grid pitch 40mm = Ø 12 / M10
- Grid pitch 50mm = Ø 16 / M12

Art. 62F

Piastra base tonda
a reticolo interfaccia-
ta con bussole di
centraggio
temperate
100Cr6
e filetti
riportati in
acciaio inox

Grid type pallet
reuded
base plate with
hardened bushings
100Cr6 and **inox**
steel elicoils



ØA	B	C	Kg	Cod.	€	Kg	Cod.	€
					P=50			P=50
400	320	38	-	8.62.F4032S	1.800	-	8.62.F4032A	2.100
500	400	38	-	8.62.F5040S	2.550	-	8.62.F5040A	2.850
630	500	38	-	8.62.F6350S	3.600	-	8.62.F6350A	3.900
800	630	38	-	8.62.F8063S	5.400	-	8.62.F8063A	5.700

Tolleranza ± 0,02 mm

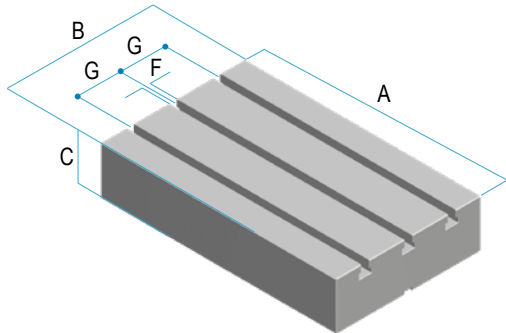
- Interasse reticolo 40mm = Ø 12 / M10
- Interasse reticolo 50mm = Ø 16 / M12

Tolerance ± 0,02 mm

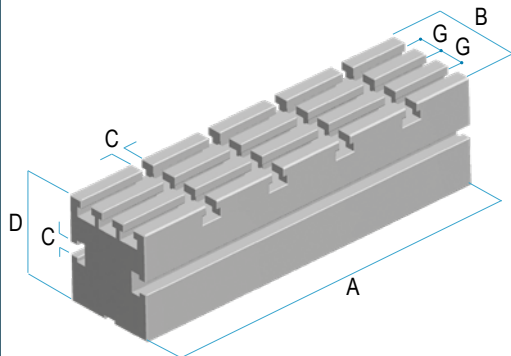
- Grid pitch 40mm = Ø 12 / M10
- Grid pitch 50mm = Ø 16 / M12

! Per lavorazioni o materiali diversi (ghisa), richiedere quotazione specifica
For different finishing and materials (cast iron), ask for specific quotation

SOVRATAVOLA - BASE PLATES						ACCIAIO - STEEL METAL Fe420		
Dimensioni - Dimensions (mm)	A	B	C	F	G	Kg	Cod.	€
Art. 86G Piastra base con cave H7 H7 T-slots base plate	420	230	98	16	70	75	8.86.G420230A	798
	490	300	98	16	100	105	8.86.G490300A	1.047
	630	370	98	16	100	170	8.86.G630370A	1.664
	630	630	98	16	100	290	8.86.G630630A	2.698
	800	550	98	16	100	320	8.86.G800550A	2.954
	800	800	98	16	100	480	8.86.G800800A	4.005
	900	410	98	16	100	280	8.86.G900410A	2.588
	900	460	98	16	100	310	8.86.G900460A	2.861
	1000	550	98	16	100	410	8.86.G1000550A	3.785
	1200	550	98	16	100	502	8.86.G1200550A	4.371
	1240	550	98	16	100	518	8.86.G1240550A	4.622
	1740	750	98	16	100	960	8.86.G1740750A	7.946
	900	400	68	16	100	201	8.86.G900400A	1.860
	1000	400	68	16	100	224	8.86.G1000400A	2.093
	1100	400	68	16	100	245	8.86.G1100400A	2.268
	1200	380	78	16	100	262	8.86.G1200380A	2.501
	1600	380	78	16	100	389	8.86.G1600380A	2.674
	2000	380	78	16	100	437	8.86.G2000380A	3.184
	800	500	68	16	100	224	8.86.G800500A	2.123
	900	500	68	16	100	252	8.86.G900500A	2.383
	1000	500	68	16	100	280	8.86.G1000500A	2.616
	1100	500	68	16	100	308	8.86.G1100500A	2.849
	1200	500	68	16	100	336	8.86.G1200500A	3.140
	1400	500	68	16	100	392	8.86.G1400500A	3.721



SOVRATAVOLA - BASE PLATES						ACCIAIO - STEEL METAL Fe420		
Dimensioni - Dimensions (mm)	A	B	C ^{H7}	D	G	Kg	Cod.	€
Art. 94 Supporto base con cave H7 temprato H7 T-slots support base plate case hardened	400	125	14	140	50	46	8.94.400125	1.290
	600	125	14	140	50	68	8.94.600125	2.676
	800	125	14	140	50	92	8.94.800125	3.200
	1000	125	14	140	50	114	8.94.1000125	3.955



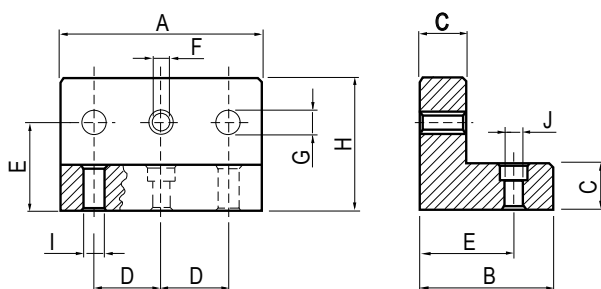
Materiale: acciaio cementato e temprato 55HRC ± 2
 Material: case-hardened steel 55HRC ± 2

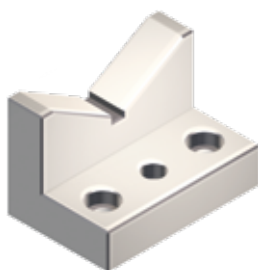
! Per lavorazioni o materiali diversi (alluminio), richiedere quotazione specifica - For different finishing and materials (aluminium), ask for specific quotation

ELEMENTI MODULARI - MODULAR ELEMENTS
Dimensioni - Dimensions (mm)

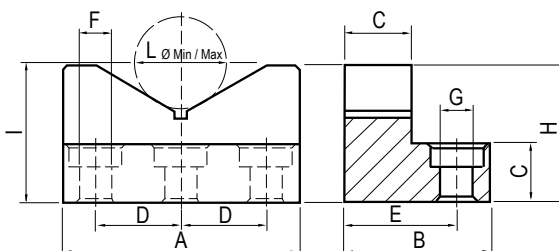
A	B	C	D	E	F	G	H	I	J	kg	Cod.	€
120	80	30	40	60	M10	12	80	12	11	3,5	8.66.402210	248
120	100	35	50	70	M12	16	100	16	13	6	8.66.502210	298

Art. 66

 Squadra piccola
 Angle small

Art. 68

 Squadra a "V"
 V-block


A	B	C	D	E	F	G	H	I	L	kg	Cod.	€
120	80	30	40	60	12	11	80	86	30 / 180	3	8.68.402410	298
150	100	35	50	70	16	13	100	98	30 / 220	5	8.68.502410	326

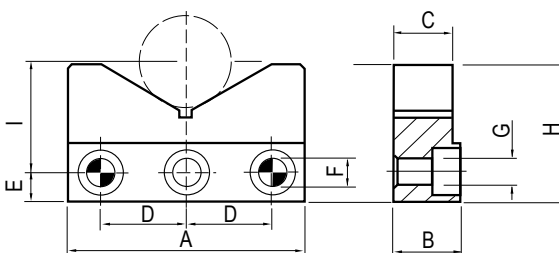


QUOTA "I" RILEVATA CON Ø60 h7 - "I" DIMENSION Ø60 h7

Art. 69

 Piastra a "V"
 V-pad


A	B	C	D	E	F	G	H	I	L	kg	Cod.	€
120	30	27	40	20	12	11	80	66	30 / 180	3	8.69.402610	262
150	35	30	50	20	16	13	100	68	30 / 220	16	8.69.502610	298

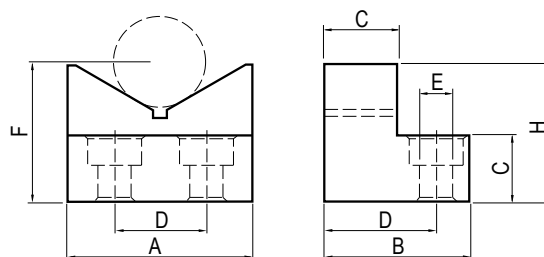


QUOTA "I" RILEVATA CON Ø60 h7 - "I" DIMENSION Ø60 h7

Art. 69A

 Squadra modulare a "V"
 Modular V-block


A	B	C	D	E	F	G	H	I	L	kg	Cod.	€
98	74	35	50	16	78	-	78	-	30 / 150	3	8.69.A510180	298



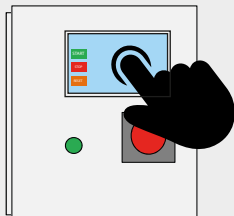
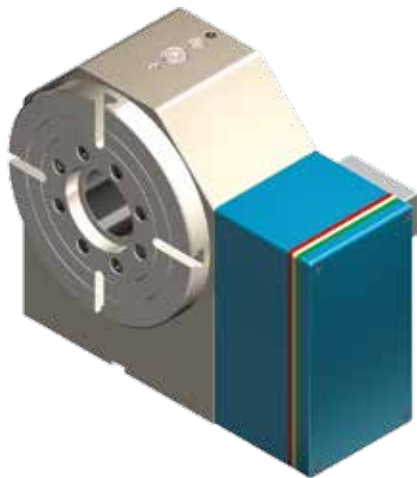
QUOTA "I" RILEVATA CON Ø50 h7 - "I" DIMENSION Ø50 h7

DIVISORE AUTOMATICO DPG 250

AUTOMATIC DIVIDING HEAD DPG 250

NEW!
Divisore automatico
 Automatic dividing head

Dati tecnici
 Technical Data

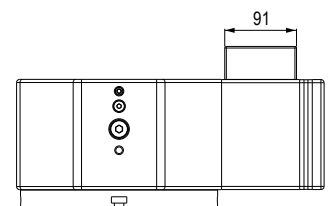
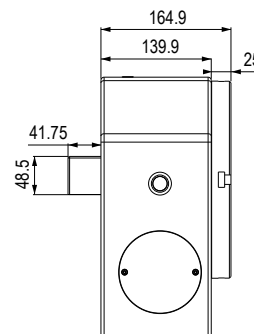
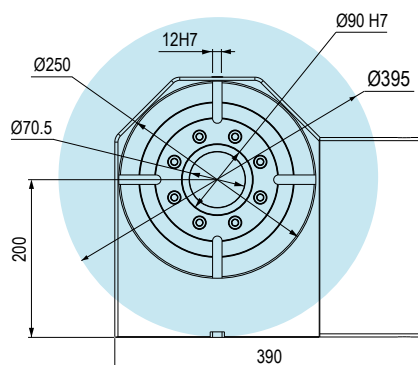
DPG 250

PROGRAMMAZIONE TOUCH SCREEN
 FACILE ED INTUITIVA O TRAMITE COLLEGAMENTO
 DIRETTO AL CNC

EASY AND INTUITIVE TOUCH SCREEN
 PROGRAMMING OR THROUGH DIRECT
 CONNECTION TO THE CNC

- Installazione semplice (alimentazione 220V)
- Corona in bronzo speciale
- Controsupporto semplice
- Vite senza fine in acciaio temprato e rettificato
- Vite e corona in bagno d'olio
- Cuscinetti a vite precaricati
- Cuscinetto anteriore a rulli incrociati sovradimensionato
- Recupero gioco con avvicinamento assiale
- Completa tenuta stagna ai liquidi con possibilità di pressurizzazione
- Possibilità di montare motori di tutte le marche
- Dimensioni esterne contenute
- Finestra di controlli liquidi e condensa
- Lavorazione in posizionamento a 360°

- Easy installation (220V)
- Special bronze crown
- Simple tailstock
- Worm screw in hardened ground steel
- Bath lubrication Screw and Crown
- Pre-loaded screw bearings
- Over-dimensioned crossed-roller front bearing
- Play recover with axial approach
- Watertight seal with possibility of pressurization
- Possibility to mount motors of all brands
- Reduced external dimensions
- Condensation and liquid control window
- 360° work positioning

Diametro del divisore Dividing head diameter		250 mm
Diametro del foro passante Clearance hole diameter		70,5 mm
Altezza punta Center height		200 mm
Dimensione della scanalatura a T T-Slot width		12 mm
Sistema di bloccaggio Clamping system		Idrraulico Hydraulic
Forza frenante Clamping torque		3000 Nm
Motore Servo motor		3000 Max.g/min
Minimo incremento Minimum increment		0,002
Velocità di rotazione Rotation speed		33,3 Giri/min
Rapporti vite/corona Speed reduction ratio (screw/gear)		1/90
Rapporti vite/motore Speed reduction ratio (screw/motor)		1/180
Precisione Indexing accuracy		±10 Sec.
Ripetibilità Repeatability		4 Sec.
Max. carico di lavoro sul divisore Max. allowable work weight on the dividing head	Verticale Vertical	Kg.550
	Orizzontale Horizontal	Kg.1500
Max. carico di spinta applicabile sul divisore Max. allowable tool load on the dividing head		N 25000
		FxL Nm 1000
		FxL Nm 2200
Rapporti vite/corona Speed reduction ratio (screw/gear)	Verticale Vertical	10,5 Kg. m ²
Coppia in lavoro Driving torque	Corona dentata Worm gear	698 Nm
Kg		110
Cod.		8.DP.G2500
€		19.467

DPG 250


Tipo (grandezza) morsa / Vise type (size) Montaggio / Mounting	Versione Type	C	D	E	F	G	P
Divisore Gerardi DPG250 con piastra liscia basculante Gerardi dividing head DPG250 with base plate	500	Cod. 8.DP.G250C5 € 25.750	8.DP.G250D5 on req.	8.DP.G250E5 25.544	8.DP.G250F5 26.059	8.DP.G250G5 25.647	8.DP.G250P5 26.162
	600	Cod. 8.DP.G250C6 € 25.390	8.DP.G250D6 on req.	8.DP.G250E6 25.750	8.DP.G250F6 26.368	8.DP.G250G6 25.750	8.DP.G250P6 27.450
	700	Cod. 8.DP.G250C7 € 25.544	8.DP.G250D7 on req.	8.DP.G250E7 26.008	8.DP.G250F7 26.729	8.DP.G250G7 25.956	8.DP.G250P7 27.759
	800	Cod. 8.DP.G250C8 € 25.802	8.DP.G250D8 on req.	8.DP.G250E8 26.317	8.DP.G250F8 27.141	8.DP.G250G8 26.162	8.DP.G250P8 28.068
	1000	Cod. 8.DP.G250C1 € 26.008	8.DP.G250D1 on req.	8.DP.G250E1 26.677	8.DP.G250F1 27.707	8.DP.G250G1 26.420	8.DP.G250P1 28.531

UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !

Art. 99A		Cod. 8.99.A2000
Supporto Support		€ 927

Art. 99B		Cod. 8.99.B1000
Perno di centraggio orizzontale Horizontal centering pin		€ 443

Art. 99H		Cod. 8.99.H2000
Distanziale Spacer		€ 206

Art. 99S		Dimensioni B mm Dimension B mm	A	C	Kg	Cod.	€
Piastra base con cave Piani rettificati Base plate with slot Faces ground		600	400	50	94	7.99.S060S	1.803
		900	400	50	141	7.99.S090S	2.112
		1200	400	50	188	7.99.S120S	2.369
		1500	400	50	234	7.99.S150S	2.627

 Cave o fori calibrati su richiesta
 Slot or calibrated holes on request

Disponibili quote "B" a step di 50mm - Available dimension "B" in steps of 50mm

Tipo Types	L (mm)	P (mm)	C (mm)	P1 (mm)
Art. 99C Piastra liscia Interface plate	300	-	-	-
Art. 99E Piastra a reticolo integrale Grid plate	350	50	-	-
Art. 99G Piastra con cave Plate with slots grooved type	400	-	-	-
	450	-	-	-
	500	Su richiesta On request	Su richiesta On request	-
	550	-	-	-
Art. 99D Piastra personalizzata Personalized plate	600	-	-	-
	650	-	-	-
Art. 99F Piastra a reticolo con bussole e filetti riportati Grind plate with bushings and elicoils	700	50	-	-
	750	-	-	-
Art. 99P Piastra con zero point Zero point plate	800	150 - 200 250 - 300	-	100 - 150 200


DIVISORE MECCANICO DIVIGER 205

MECHANICAL DIVIDING HEAD DIVIGER 205

NEW!
Divisore automatico
 Automatic dividing head

Dati tecnici
 Technical Data

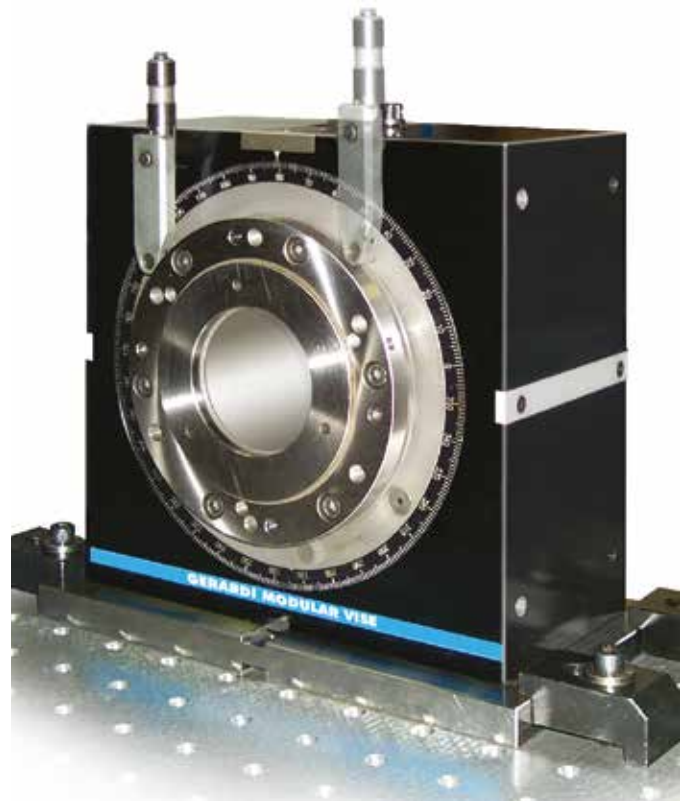
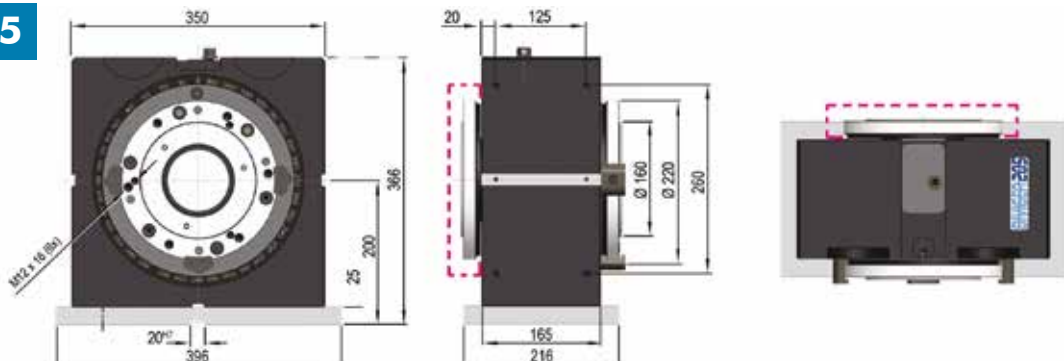
DIVIGER 205


Diametro del divisore Dividing head diameter	220 mm
Diametro del foro passante Clearance hole diameter	85 mm
Altezza centrale Center height	200 mm
Dimensione della scanalatura a T T-Slot width	-
Sistema di bloccaggio Clamping system	Meccanico Mechanical
Minimo incremento Minimum increment	1°
Precisione Indexing accuracy	±10 Sec.
Coppia in lavoro Driving torque	 3000 Nm
Kg	93
Cod.	7.66.73000
€	11.279

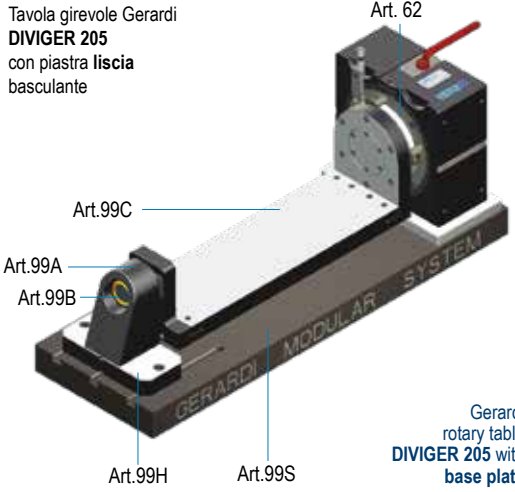
 DIVISORE MECCANICO, SENZA CAVI O IDRAULICA,
 PERMACCHINE A CNC

 MECHANICAL DIVIDING HEAD, WITHOUT ELECTRICAL CABLES
 OR HYDRAULIC, FOR CNC MILLING MACHINE

- Maggiore efficienza nella lavorazione su più lati
- Completamente autonomo dalla macchina
- Elevato momento torcente
- Divisione manuale o automatica tramite mandrino macchina
- 360 posizioni
- Serraggio simultaneo di due particolari grazie alla doppia flangia
- lavorazione su 5 facce senza contropunta
- Lavorazione a barra grazie al mandrino cavo
- Utilizzabile orizzontalmente o verticalmente
- Cambio tramite serraggio a cuneo
- Cost-effective on multiple-sides machining
- Machine independent
- High holding torque
- Dividing manually or automatically using the machine spindle
- 360 x 1° division
- Simultaneous clamping of 2 workpieces thanks to the dual flange
- 5 faces machining without counter-holder
- Bar machining due to hollow spindle
- To be used horizontally or vertically
- Quick change through wedge clamping


DIVIGER 205


Tipo (grandezza) morsa / Vise type (size) Montaggio / Mounting	Versione Type	C	D	E	F	G	P
Tavola girevole Gerardi DIVIGER 205 con piastra liscia basculante	500	Cod. 8.DI.V205C5 € 16.944	8.DI.V205D5 -	8.DI.V205E5 17.356	8.DI.V205F5 17.871	8.DI.V205G5 17.459	8.DI.V205P5 17.974
	600	Cod. 8.DI.V205C6 € 17.201	8.DI.V205D6 -	8.DI.V205E6 17.562	8.DI.V205F6 18.180	8.DI.V205G6 17.562	8.DI.V205P6 19.261
	700	Cod. 8.DI.V205C7 € 17.356	8.DI.V205D7 -	8.DI.V205E7 17.819	8.DI.V205F7 18.540	8.DI.V205G7 17.768	8.DI.V205P7 19.570
	800	Cod. 8.DI.V205C8 € 17.613	8.DI.V205D8 -	8.DI.V205E8 18.077	8.DI.V205F8 18.952	8.DI.V205G8 17.974	8.DI.V205P8 19.879
	1000	Cod. 8.DI.V205C1 € 17.819	8.DI.V205D1 -	8.DI.V205E1 18.489	8.DI.V205F1 19.519	8.DI.V205G1 18.231	8.DI.V205P1 20.343


 Gerardi rotary table
DIVIGER 205 with
 base plate


UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !

Art. 99A
Supporto
Support




Cod.	8.99.A2000
€	927

Art. 99B
Perno di centraggio orizzontale
Horizontal centering pin



Cod.	8.99.B1000
€	443

Art. 99H
Distanziale
Spacer



Cod.	8.99.H2000
€	206

Art. 99S
Piastra base con cave
Piani rettificati
Base plate with slot
Faces ground



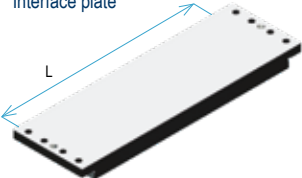
Dimensioni B mm Dimension B mm	A	C	Kg	Cod.	€
600	400	50	94	7.99.S060S	1.803
900	400	50	141	7.99.S090S	2.112
1200	400	50	188	7.99.S120S	2.369
1500	400	50	234	7.99.S150S	2.627

 Cave o fori calibrati su richiesta
 Slot or calibrated holes on request

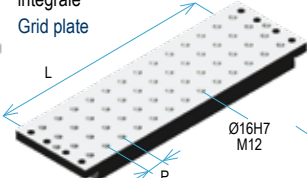
Disponibili quote "B" a step di 50mm - Available dimension "B" in steps of 50mm

Tipo Types	L (mm)	P (mm)	C (mm)	P1 (mm)
99C	300	-	-	-
99F	350	50	-	-
	400			
99G	450	Su richiesta On request	Su richiesta On request	-
	500			
99D	550	-	-	-
	600			
99E	650	50	-	-
	700			
99P	750	150 - 200 250 - 300	-	100 - 150 200
	800			

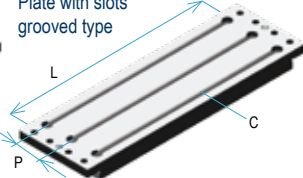
Art. 99C
Piastra liscia
Interface plate



Art. 99F
Piastra a reticolo
integrale
Grid plate



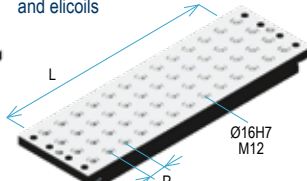
Art. 99G
Piastra con cave
Plate with slots
grooved type



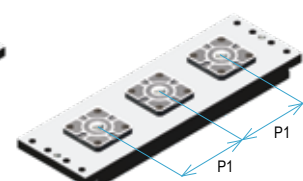
Art. 99D
Piastra personalizzata
Personalized plate



Art. 99E
Piastra a reticolo con bussole e
filetti riportati
Grind plate with bushings
and helicoils

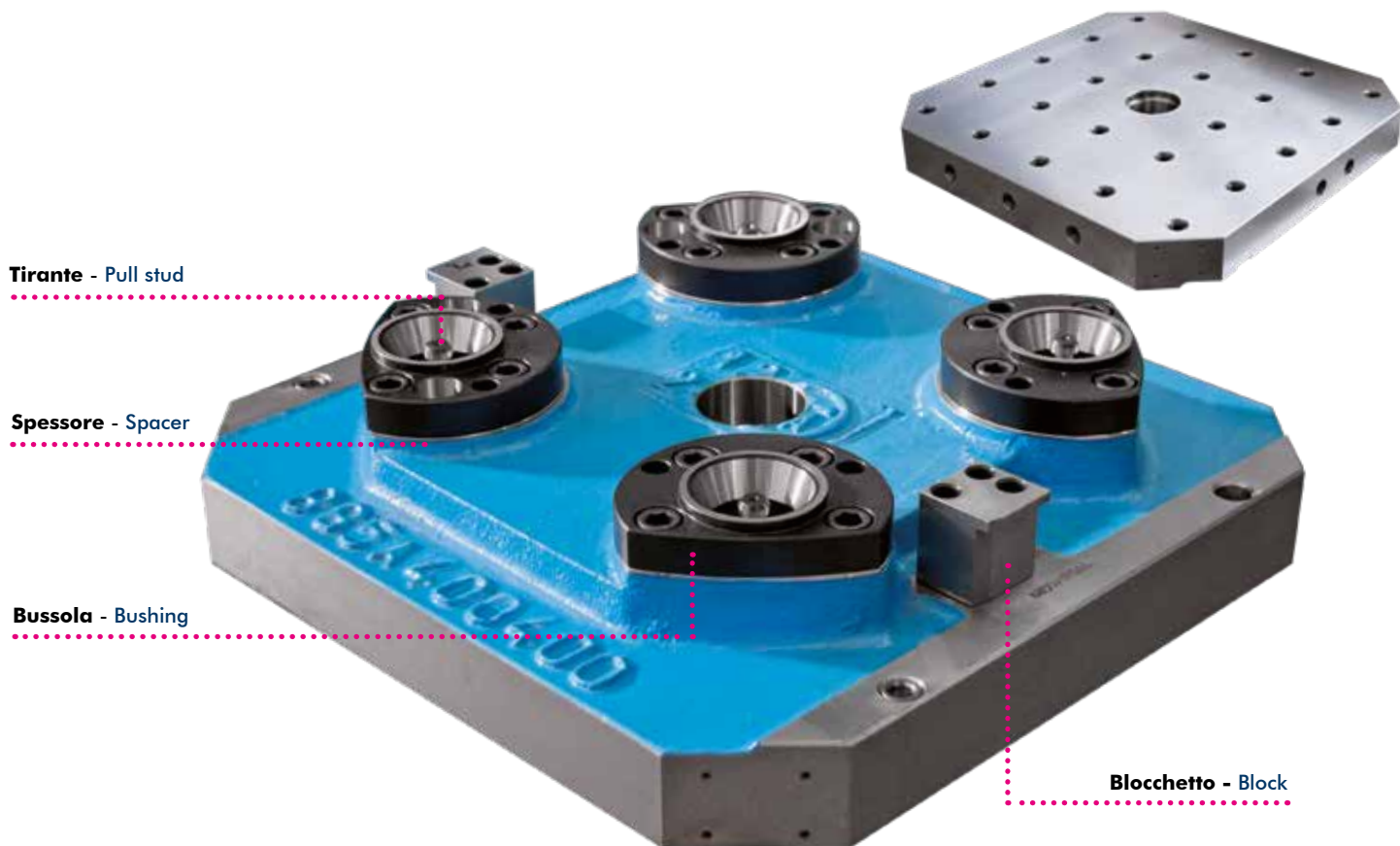


Art. 99P
Piastra con zero point
Zero point plate



IL MIGLIOR PALLET PER IL TUO CENTRO DI LAVORO THE BEST PALLET FOR YOUR MACHINING CENTRE

Ghisa monoblocco G30 stabilizzata con doppio trattamento di distensione. **Massima precisione.**
Solid cast iron cast G30 with double stress heat treatment. **Highest accuracy.**

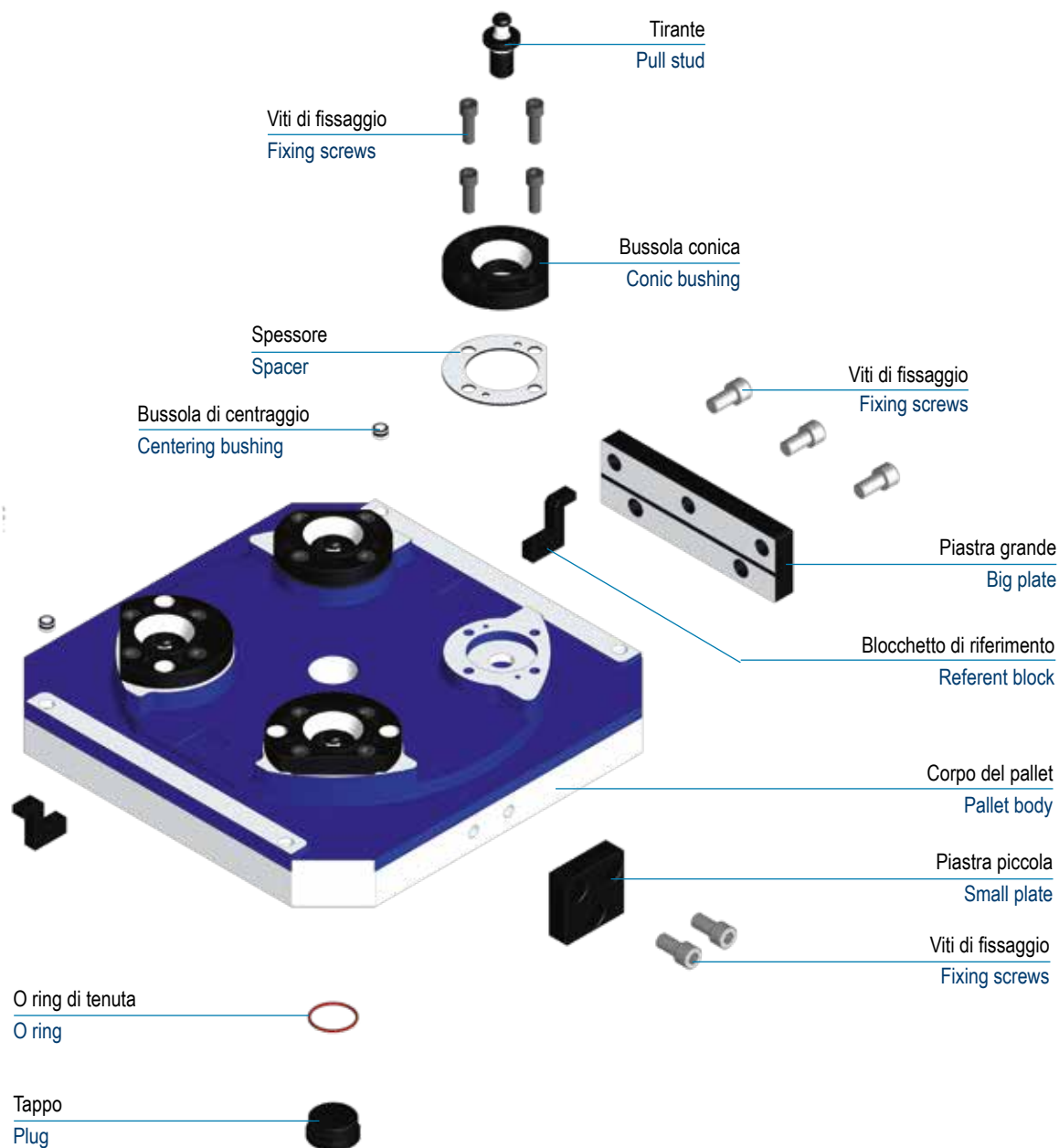


Verifiche tridimensionali tramite
macchine di misura a controllo numerico
Inspection with 3D CNC measuring machines



ACCESSORI E PARTI DI RICAMBIO SPARE PARTS AND ACCESSORIES

Tutti gli accessori sono forniti completamente temprati e rettificati. **TUTTI I COMPONENTI SONO COMPRESI NEL PREZZO**
All accessories are supplied completely hardened and ground HRC60. **PRICE ALL INCLUSIVE**



SISTEMA DI PALLETTIZZAZIONE UNIVERSALE A CAMBIO RAPIDO

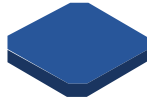
Zero Point applicati a pallet per centri di lavoro

QUICK CHANGE UNIVERSAL CLAMPING PALLET SYSTEM

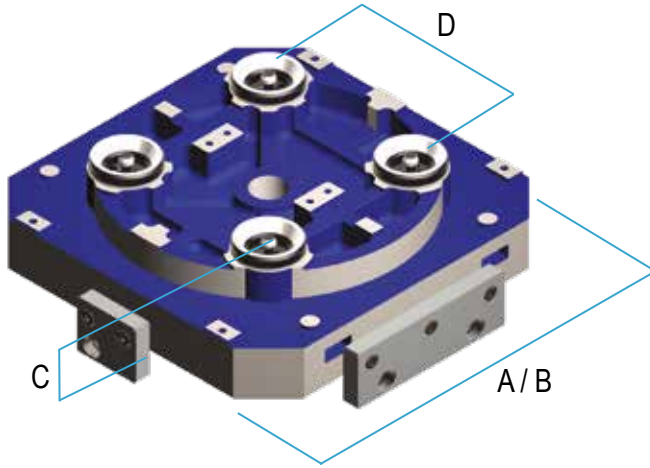
Zero Point assembled on machining centres pallet

PALLET MAKINO

MAKINO PALLET

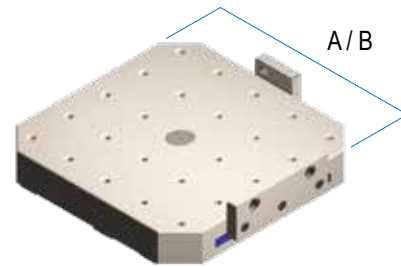


Ghisa monoblocco **G30** stabilizzata con doppio trattamento di distensione. **Massima precisione**
 Solid cast iron cast G30 with double stress relieving heat treatment. **Highest accuracy**



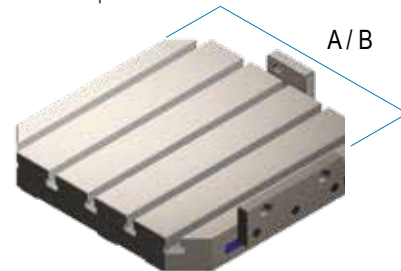
Art. 85

Pallet a reticolo con fori integrali M16
 Grid type pallet with solid threads M16



Art. 86

Pallet con cave a T H7
 H7 T slots pallet



AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !



Art. 85E

Piastra grande
 Big plate

Cod. 8.85.E...MAK*

€ **124**



Art. 85F

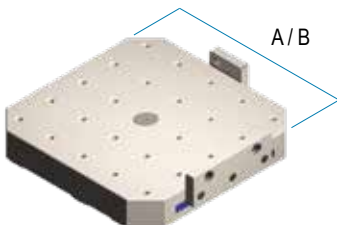
Piastra piccola
 Small plate

Cod. 8.85.F...MAK*

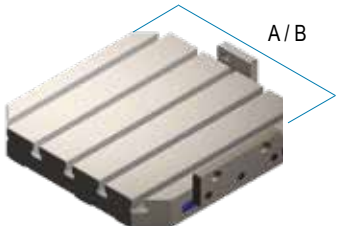
€ **109**

*Esempio ordine: per art. 85F montato su pallet 500x500 il codice è: 8.85.F5050MAK / *Order example: for Art. 85F mounted on 500x500 pallet the code is: 8.85.F5050MAK

PALLET MAKINO Art.85

Dimensioni - Dimensions (mm)	A	B	C	D	Modelli / Models	Cod.	€
	400	400	115	200	A51NX - A51 - A55	8.85.4040MAK	3.934
	500	500	115	200	A55E - A66	8.85.5050MAK/200	4.699
	500	500	138	240	A61NX - A71 - A61 A66E - A77E - A66	8.85.5050MAK	4.699
	630	630	168	300	A81 - A81M - A82 - A88 A88E A77 - A82M - A81NX	8.85.6363MAK	6.119
	800	800	168	400	A99E	8.85.8080MAK	8.687

PALLET MAKINO Art.86

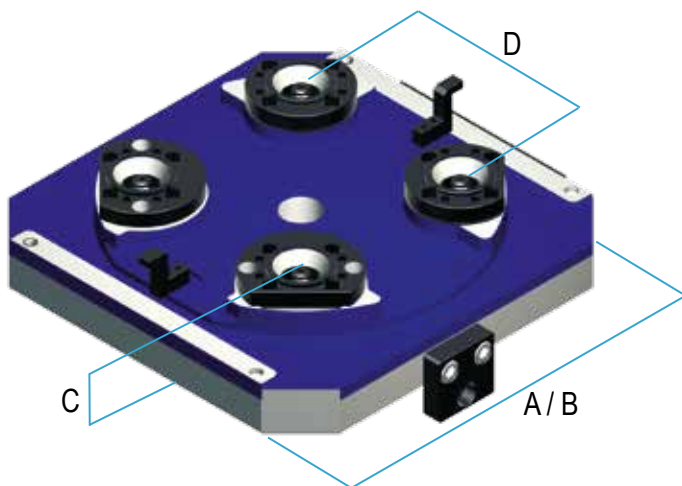
Dimensioni - Dimensions (mm)	A	B	C	D	Modelli / Models	Cod.	€
	400	400	115	200	A51NX - A51 - A55	8.86.4040MAK	4.327
	500	500	115	200	A55E - A66	8.86.5050MAK/200	5.136
	500	500	138	240	A61NX - A71 - A61 A66E - A77E - A66	8.86.5050MAK	5.136
	630	630	168	300	A81 - A81M - A82 - A88 A88E A77 - A82M - A81NX	8.86.6363MAK	6.731
	800	800	168	400	A99E	8.86.8080MAK	9.561

PALLET OKUMA

OKUMA PALLET

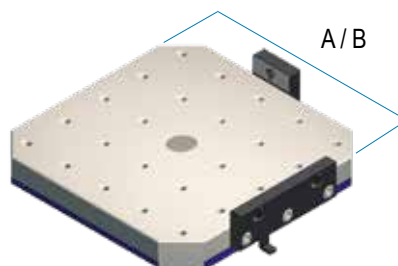


Ghisa monoblocco **G30** stabilizzata con doppio trattamento di distensione. **Massima precisione**
 Solid cast iron cast G30 with double stress relieving heat treatment. **Highest accuracy**



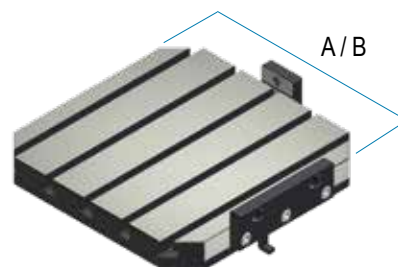
Art. 85

Pallet a reticolo con fori integrali M16
 Grid type pallet with solid threads M16



Art. 86

Pallet con cave a T H7
 H7 T slots pallet



UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !

Art. 85E

Piastra grande
 Big plate

Cod. 8.85.E...OKU*

€ **124**

Art. 85H

Blochetto di riferimento
 Referent block

Cod. 8.85.H...OKU

€ **On req.**

Art. 85F

Piastra piccola
 Small plate

Cod. 8.85.F...OKU*

€ **109**

*Esempio ordine: per art. 85F montato su pallet 500x500 il codice è: 8.85.F5050OKU / *Order example: for Art. 85F mounted on 500x500 pallet the code is: 8.85.F5050OKU

PALLET OKUMA Art.85

Dimensioni - Dimensions (mm)	A	B	C	D	Modelli / Models	Cod.	€
	400	400	95	200	MA 400 HA - MB 4000 H - MA 40 H	8.85.40400KU	3.934
	500	500	95	200	MB 5000 H	8.85.50500KU/200	4.699
	500	500	118	240	MA 500 H II - MA 50	8.85.50500KU	4.699
	630	630	112	320	MA 600 H II - MA 60 H	8.85.63630KU	6.119
	800	800	146	400	MA 800 HB	8.85.80800KU	8.687
	1000	1000	-	-	MB 10000 H	8.85.10100KU	<i>on request</i>

PALLET OKUMA Art.86

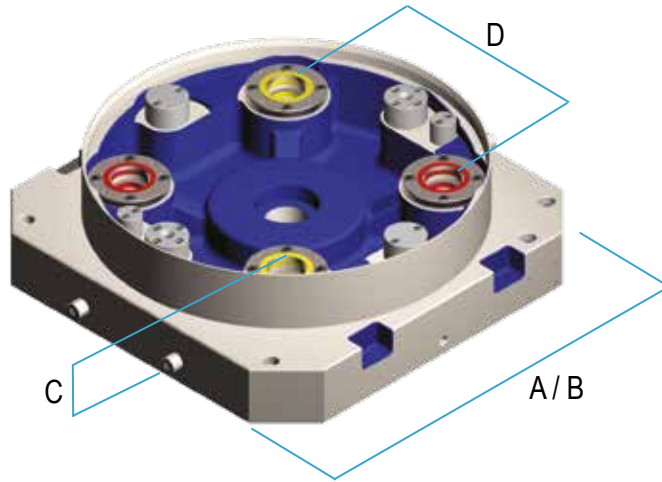
Dimensioni - Dimensions (mm)	A	B	C	D	Modelli / Models	Cod.	€
	400	400	95	200	MA 400 HA - MB 4000 H - MA 40 H	8.86.40400KU	4.327
	500	500	95	200	MB 5000 H	8.86.50500KU/200	5.136
	500	500	118	240	MA 500 H II - MA 50	8.86.50500KU	5.136
	630	630	112	320	MA 600 H II - MA 60 H	8.86.63630KU	6.731
	800	800	146	400	MA 800 HB	8.86.80800KU	9.561
	1000	1000	-	-	MB 10000 H	8.86.10100KU	<i>on request</i>

PALLET DMG-MORI

DMG-MORI PALLET

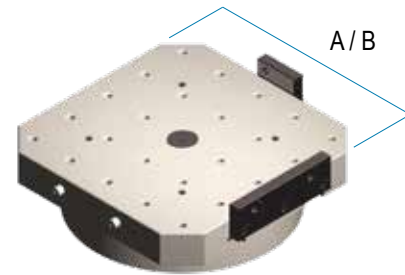


Ghisa monoblocco G30 stabilizzata con doppio trattamento di distensione. **Massima precisione**
 Solid cast iron cast G30 with double stress relieving heat treatment. **Highest accuracy**



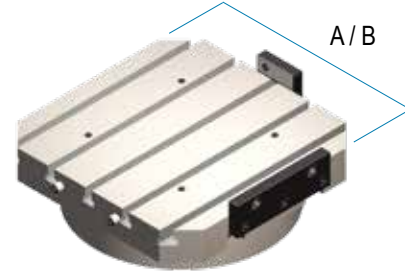
Art. 85

Pallet a reticolo con fori integrali M16
 Grid type pallet with solid threads M16



Art. 86

Pallet con cave a T H7
 H7 T slots pallet



AMPLIA LE TUE APPLICAZIONI TRAMITE GLI ACCESSORI MODULARI !



Art. 85E

Piastra grande
 Big plate

Cod. 8.85.E...MOR*

€ **124**



Art. 85F

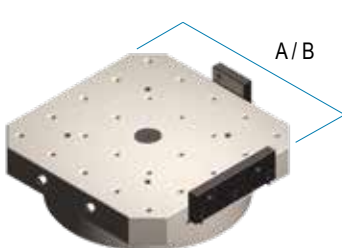
Piastra piccola
 Small plate

Cod. 8.85.F...MOR*

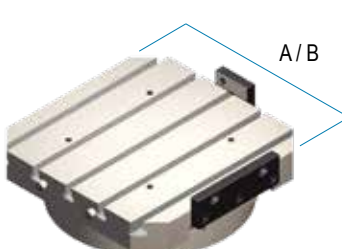
€ **109**

*Esempio ordine: per art. 85F montato su pallet 500x500 il codice è: 8.85.F5050MOR / *Order example: for Art. 85F mounted on 500x500 pallet the code is: 8.85.F5050MOR

PALLET DMG MORI Art.85

Dimensioni - Dimensions (mm)	A	B	C	D	Modelli / Models	Cod.	€
	400	400	86	190	NHX 4000 2° - NH 4000 DCG	8.85.4040MOR	3.934
	500	500	120	250	NHX 5000 2° - NHX 5500 NH 5000 DCG/40	8.85.5050MOR	4.699
	630	630	157	300	NHX 6300 - NH 6300 DCGII DMC 80H douBLOCK - DMC 80H linear	8.85.6363MOR	6.119
	800	800	215	450	NHX 8000 DMC 100H douBLOCK - DMC 125H douBLOCK	8.85.8080MOR	<i>on request</i>
	1000	1000	-	-	NHX 10000	8.85.1010MOR	<i>on request</i>

PALLET DMG MORI Art.86

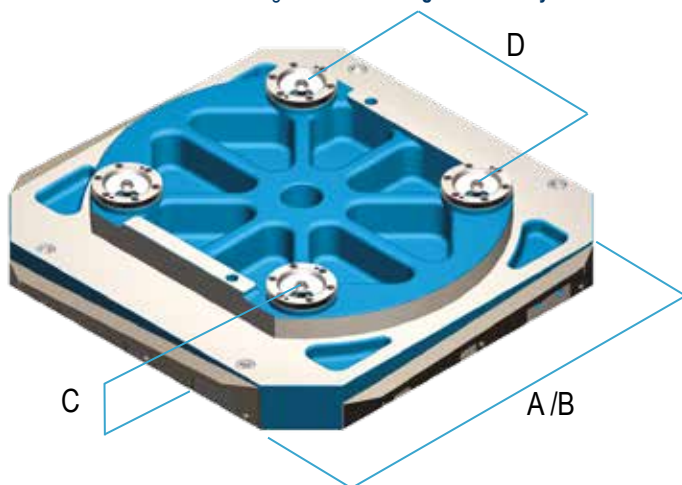
Dimensioni - Dimensions (mm)	A	B	C	D	Modelli / Models	Cod.	€
	400	400	86	190	NHX 4000 2° - NH 4000 DCG	8.86.4040MOR	4.327
	500	500	120	250	NHX 5000 2° - NHX 5500 NH 5000 DCG/40	8.86.5050MOR	5.136
	630	630	157	300	NHX 6300 - NH 6300 DCGII DMC 80H douBLOCK - DMC 80H linear	8.86.6363MOR	<i>on request</i>
	800	800	215	450	NHX 8000 DMC 100H douBLOCK - DMC 125H douBLOCK	8.86.8080MOR	<i>on request</i>
	1000	1000	-	-	NHX 10000	8.86.1010MOR	<i>on request</i>

PALLET MAZAK

MAZAK PALLET

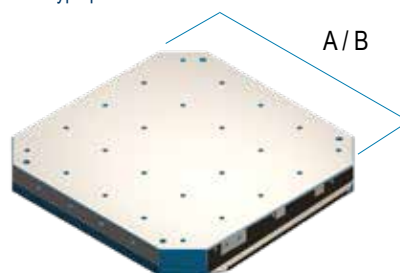


Ghisa monoblocco **G30** stabilizzata con doppio trattamento di distensione. **Massima precisione**
 Solid cast iron cast G30 with double stress relieving heat treatment. **Highest accuracy**



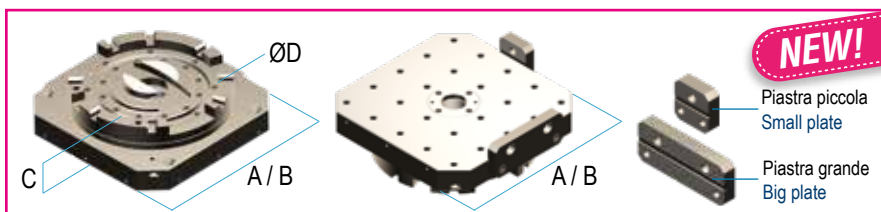
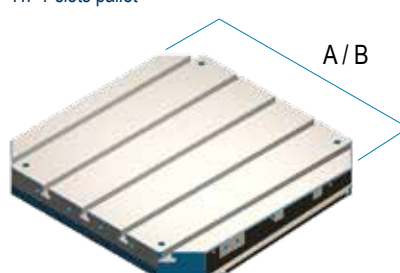
Art. 85

Pallet a reticolo con fori integrali M16
 Grid type pallet with solid threads M16



Art. 86

Pallet con cave a T H7
 H7 T slots pallet



UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !



Art. 85E

Piastra grande
 Big plate

Cod. 8.85.E...MAZ*

€ 124



Art. 85F

Piastra piccola
 Small plate

Cod. 8.85.F...MAZ*

€ 109

*Esempio ordine: per art. 85F montato su pallet 500x500 il codice è: 8.85.F5050MAZ / *Order example: for Art. 85F mounted on 500x500 pallet the code is: 8.85.F5050MAZ

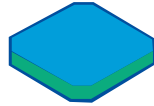
PALLET MAZAK Art.85

Dimensioni - Dimensions (mm)	A	B	C	D	Modelli / Models	Cod.	€
	400	400	-	-	HCN 4000 - NEXUS 4000III	8.85.4040MAZ	on request
	400	400	121	Ø350	FH - 4800	8.85.4040MAZ2	on request
	500	500	-	-	HCN 5000 - HCN 5000/50 NEXUS 5000III - NEXUS 6000II	8.85.5050MAZ	on request
	630	630	136	320	HCN 6800 - NEXUS 6800 II 6800 II HM PACKAGE	8.85.6363MAZ	6.119
	800	800	167	420	M 8800 - HCN 8800 NEXUS 8800II - MEGA 8800	8.85.8080MAZ	on request
	1000	1000	-	-	M 10800 - HCN 10800 NEXUS 10800II - 10800II HM PACKAGE	8.85.1010MAZ	on request

PALLET MAZAK Art.86

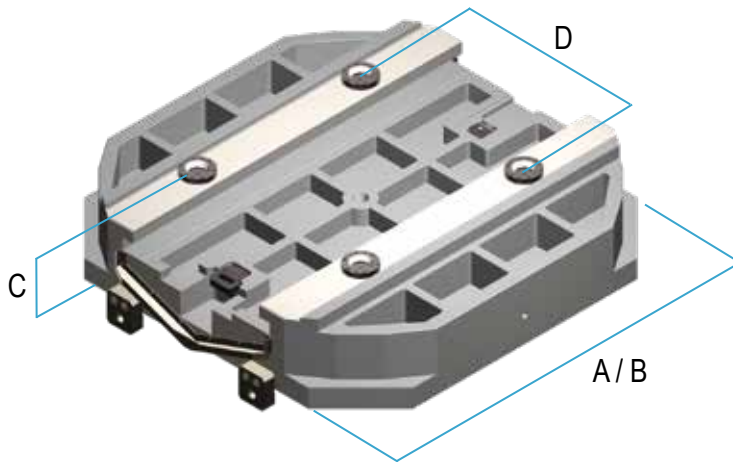
Dimensioni - Dimensions (mm)	A	B	C	D	Modelli / Models	Cod.	€
	400	400	95	200	HCN 4000 - NEXUS 4000III	8.86.4040MAZ	on request
	500	500	95	200	HCN 5000 - HCN 5000/50 NEXUS 5000III - NEXUS 6000II	8.86.5050MAZ	on request
	630	630	112	320	HCN 6800 - NEXUS 6800 II 6800 II HM PACKAGE	8.86.6363MAZ	6.731
	800	800	146	400	M 8800 - HCN 8800 NEXUS 8800II - MEGA 8800	8.86.8080MAZ	on request
	1000	1000	-	-	M 10800 - HCN 10800 NEXUS 10800II - 10800II HM PACKAGE	8.86.1010MAZ	on request

PALLET DOOSAN DOOSAN PALLET



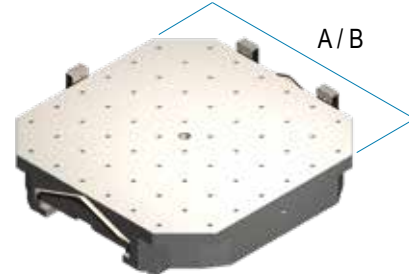
NEW!

Ghisa monoblocco **G30** stabilizzata con doppio trattamento di distensione. **Massima precisione**
Solid cast iron cast G30 with double stress relieving heat treatment. **Highest accuracy**



Art. 85

Pallet a reticolo con fori integrali M16
Grid type pallet with solid threads M16



UPGRADE YOUR VISE APPLICATIONS THROUGH MODULAR ACCESSORIES !



Art. 85E

Piastra grande
Big plate

Cod. 8.85.E...MOR*

€ **124**

*Esempio ordine: per art. 85F montato su pallet 500x500 il codice è: 8.85.F5050DOO / *Order example: for Art. 85F mounted on 500x500 pallet the code is: 8.85.F5050DOO

PALLET DOOSAN Art.85

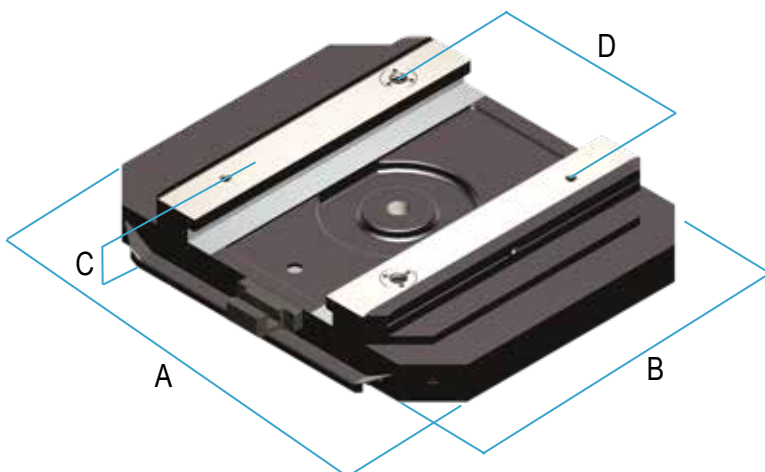
Dimensioni - Dimensions (mm)	A	B	C	D	Modelli / Models	Cod.	€
	1250	1250	268	620	HM - 1250	8.85.12512500	on request

PALLET MANDELLI MANDELLI PALLET



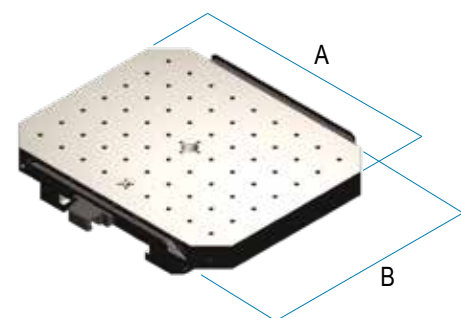
NEW!

Ghisa monoblocco **G30** stabilizzata con doppio trattamento di distensione. **Massima precisione**
Solid cast iron cast G30 with double stress relieving heat treatment. **Highest accuracy**



Art. 85

Pallet a reticolo con fori integrali M16
Grid type pallet with solid threads M16



PALLET MANDELLI Art.85

Dimensioni - Dimensions (mm)	A	B	C	D	Modelli / Models	Cod.	€
	800	1000	160	500	SPARK 1600X	8.85.8010MAN	on request

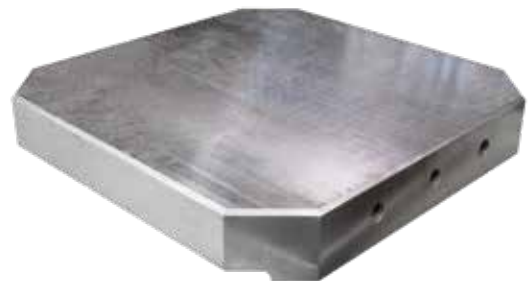
▪ **Fase 1 / Step 1**

Corpo Pallet grezzo
Rought pallet body



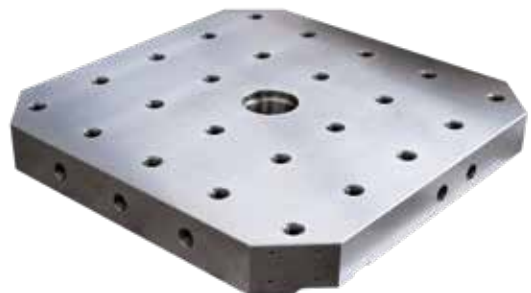
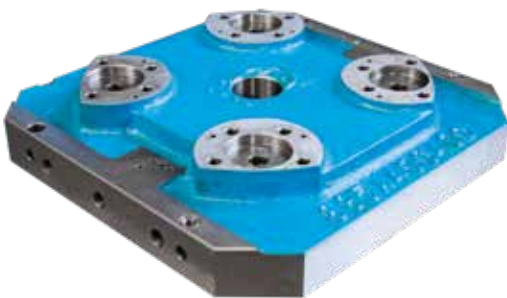
▪ **Fase 2 / Step 2**

Corpo Pallet semi lavorato
Semifinished machine pallet body



▪ **Fase 3 / Step 3**

Corpo pallet finito completamente lavorato e verniciato
Machine pallet body finished completely machined and painted



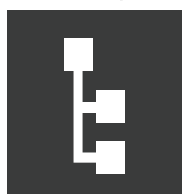
▪ **Fase 4 / Step 4**

Pallet finito completo di tiranti, bussole e distanziali
Finished pallet complete with pull studs, bushings and spacers



PIÙ SEMPLICE / PIÙ INFO / PIÙ PRODOTTI - EASIER / MORE INFO / MORE PRODUCTS

TROVA IL TUO PRODOTTO IN POCHI CLICK - FIND YOUR PRODUCT IN FEW CLICKS



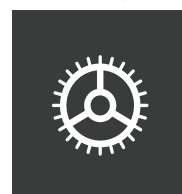
by category



by code



by description



by configurator

Un nuovo modo facile e veloce per ordinare la tua attrezzatura Gerardi

Il nuovo Gerardi estore offre la possibilità di visualizzare e ordinare qualsiasi articolo Gerardi appartenente alle categorie Workholding o Tooling presente sui nostri listini in modo semplice, veloce e completo. Da ora puoi ordinare la morsa, la testa angolare o il motorizzato che ti interessa direttamente on-line dal nostro estore senza costi aggiuntivi.

A new quick and easy way to order your equipment branded Gerardi.

The new Gerardi estore offers the ability to view and order any item available on our Workholding and Tooling catalogues with the easiest, fastest and comprehensive way. You can now order the vise, angle head or driven tool of your interest directly online from our store without any additional cost.

