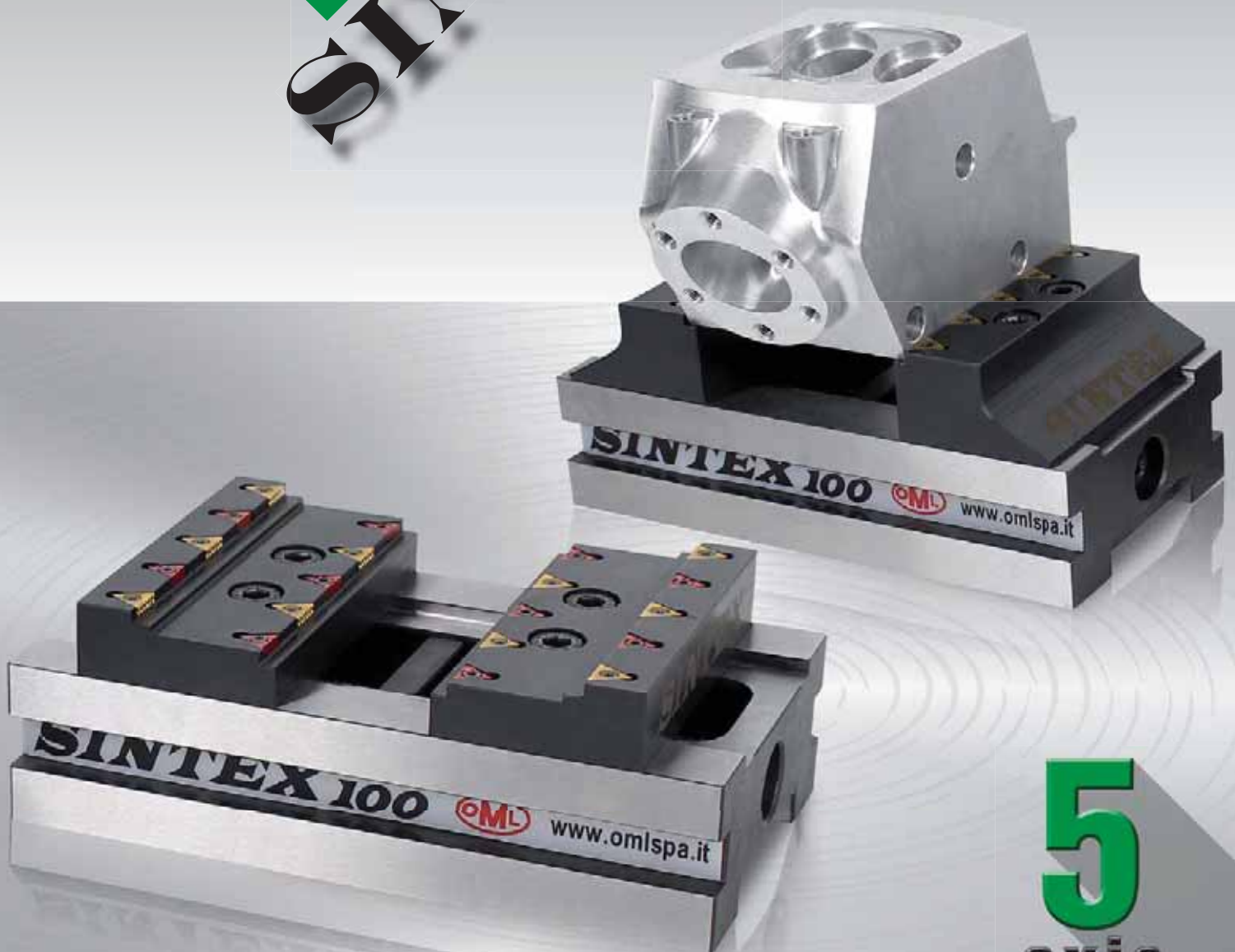


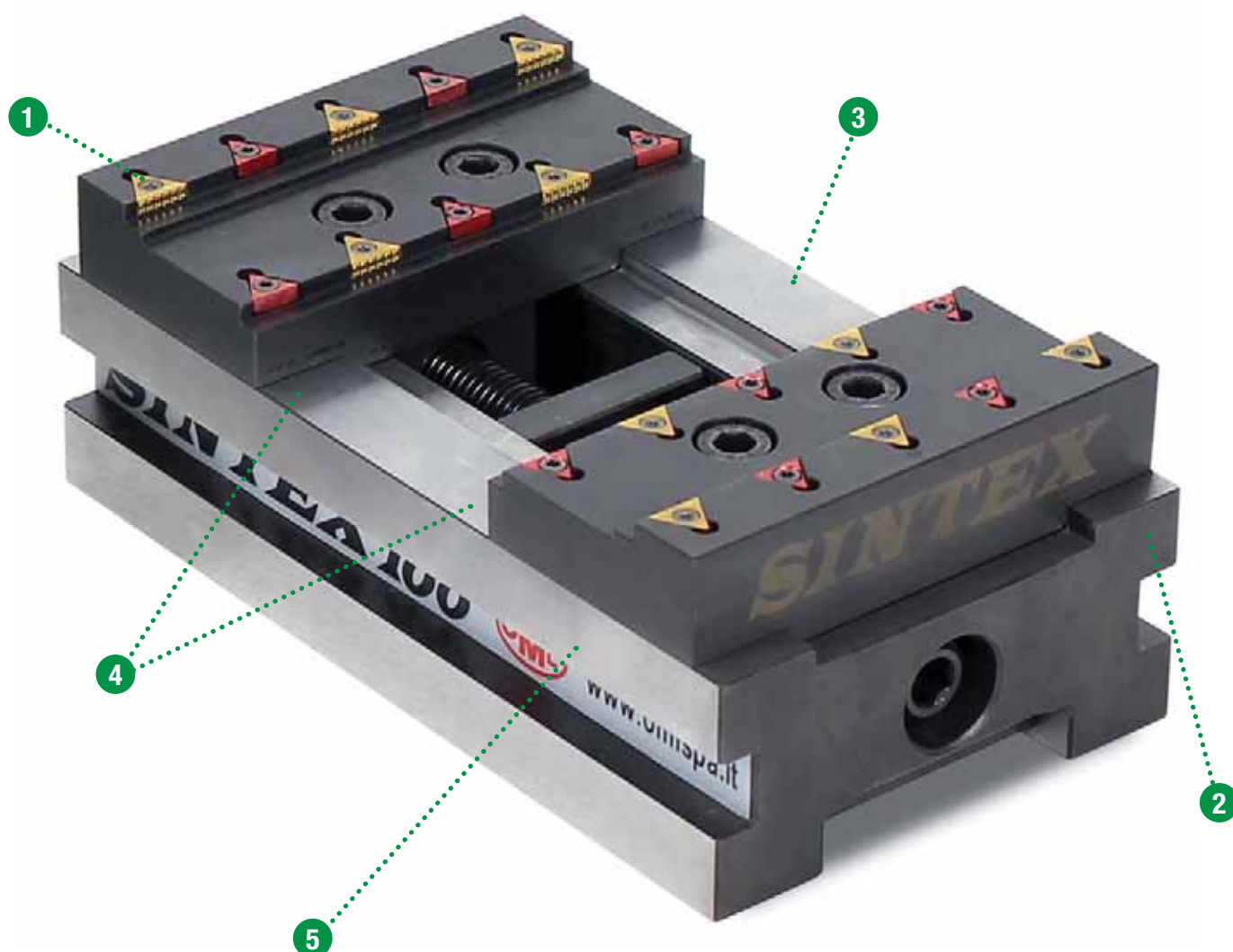


SINTEX



5
axis

BENEFITS



1 Tecnologia SinterGrip
(solo 3.5 mm di presa)

2 Altissima precisione

3 Compatta

4 Grande gamma di aperture
(sino a 150mm)

5 Flessibile

1 SinterGrip technology
(only 3.5 mm clamping surface)

2 Highest accuracy

3 Compact

4 Great opening range
(till to 150mm)

5 Flexible

1 SinterGrip-Technologie
(nur 3,5mm Einspanntiefe)

2 Höchste Präzision

3 Kompakt

4 Große Bandbreite an Spannweiten
(bis zu 150mm)

5 Flexibel

**Eccellente rapporto
qualità – prezzo**

Excellent quality – price ratio

**Excellentes Qualitäts- und
Preisverhältnis**

SINTEX 100 BASIC

SINTEX 100 BASIC completa di
10 inserti SinterGrip STD*, chiave, kit fermo
laterale

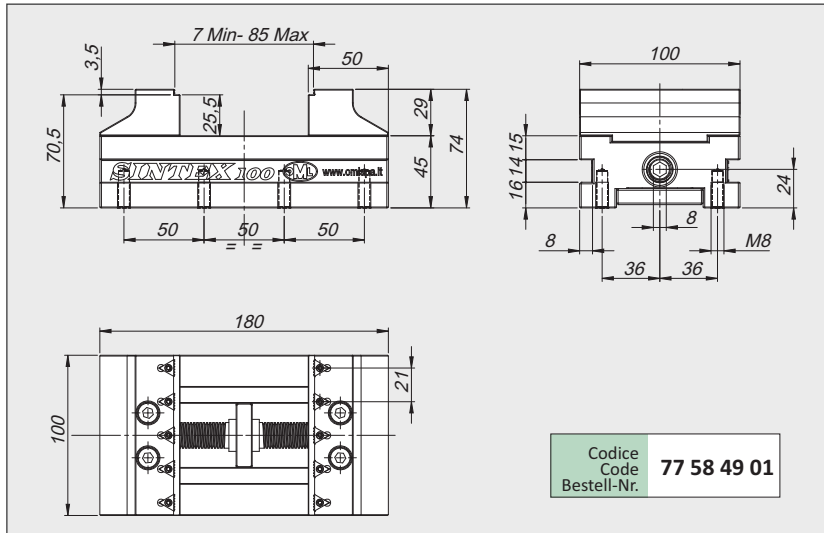
* A richiesta inserti per ALU o HRC

SINTEX 100 BASIC complete with
10 SinterGrip inserts STD*, wrench, workstop

* On request inserts fot ALU or HRC

SINTEX 100 BASIC *komplett mit
10 SinterGrip Einsätzen STD*, Spannschlüssel,
Werkstück-Anschlag*

* Auf Anfrage Einsätze für ALU oder HRC



SINTEX 100 PREMIUM

SINTEX 100 PREMIUM completa di
10 inserti SinterGrip STD*, 10 inserti di
protezione, chiave, kit fermo laterale

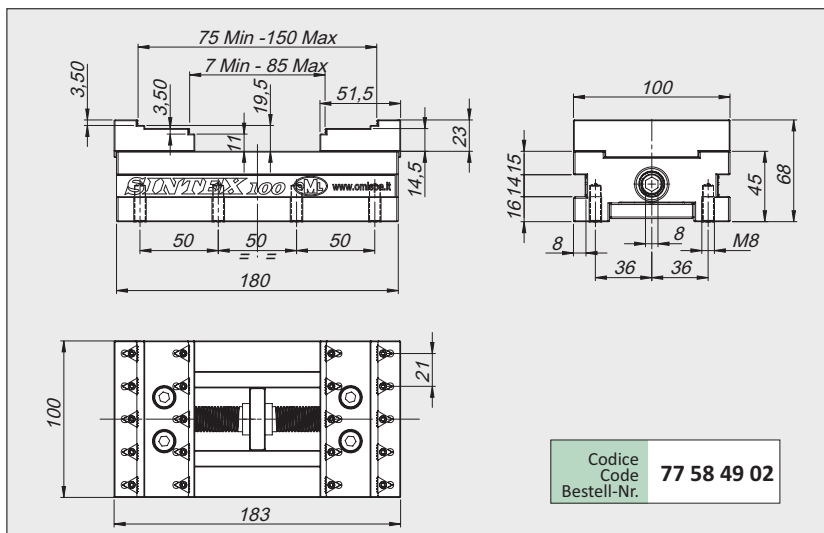
* A richiesta inserti per ALU o HRC

SINTEX 100 PREMIUM complete with
10 SinterGrip inserts STD*, 10 protection
inserts, wrench, workstop

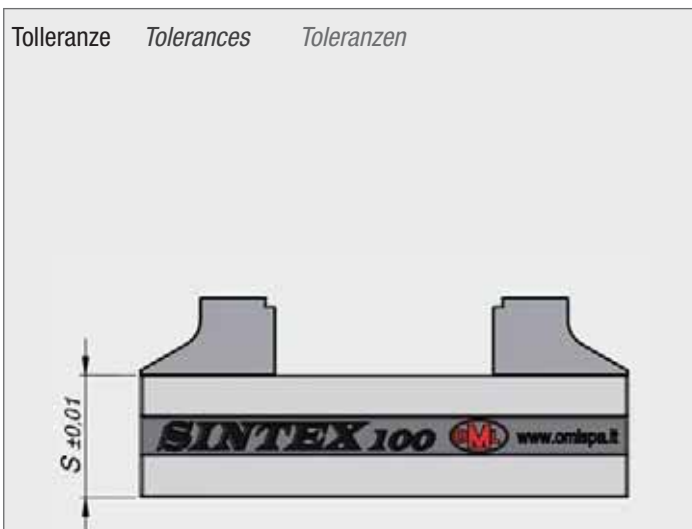
* On request inserts fot ALU or HRC

SINTEX 100 PREMIUM komplett mit
10 SinterGrip Einsätzen STD*, 10 Einsätzen
zum Schutz der Plattensitze, Spannschlüssel,
Werkstück-Anschlag

* Auf Anfrage Einsätze für ALU oder HRC



Tolleranze Tolerances Toleranzen



Ripetibilità di bloccaggio
+/- 0,01

Repeatability accuracy
+/- 0,01

Wiederholgenauigkeit beim Spannen
+/- 0,01

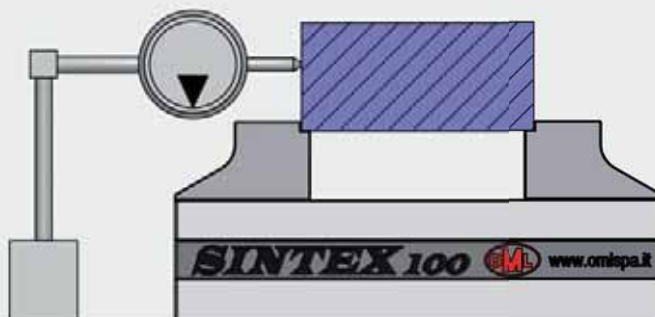
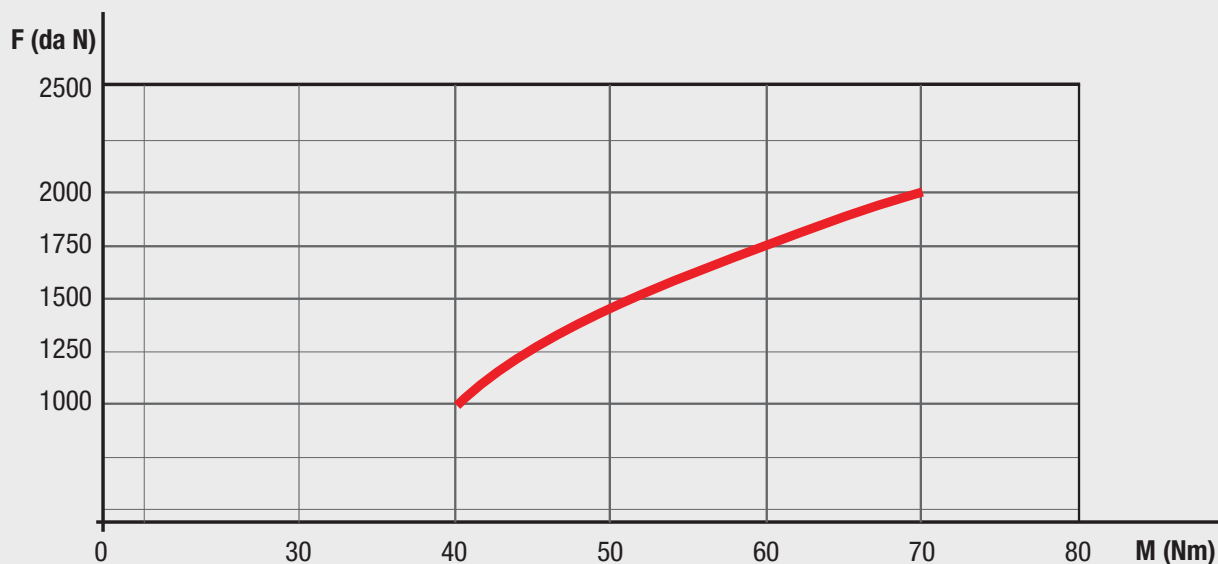


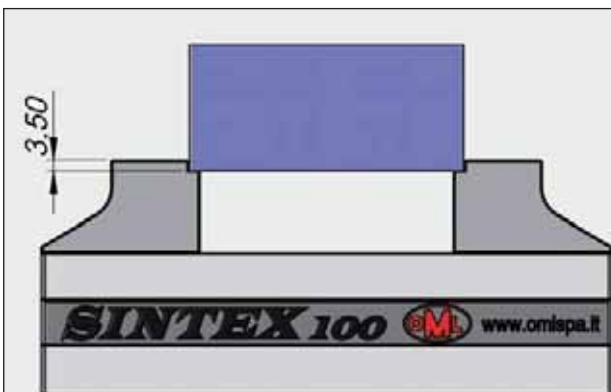
Diagramma forze di serraggio Clamping forces diagram Spannkräfte Diagramm



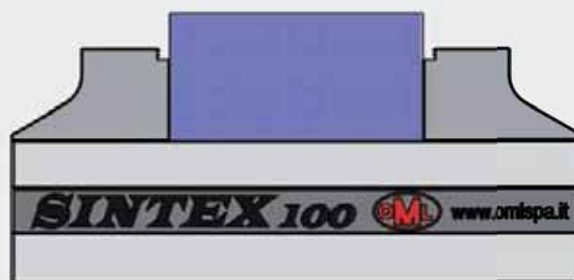
Esempio di impiego

Working example

Anwendungsbeispiel



1 OP.



2 OP.

Accessori e ricambi Accessories and spare parts Zubehör und Ersatzteile

SINTEX 100

PIASTRA INTERFACCIA

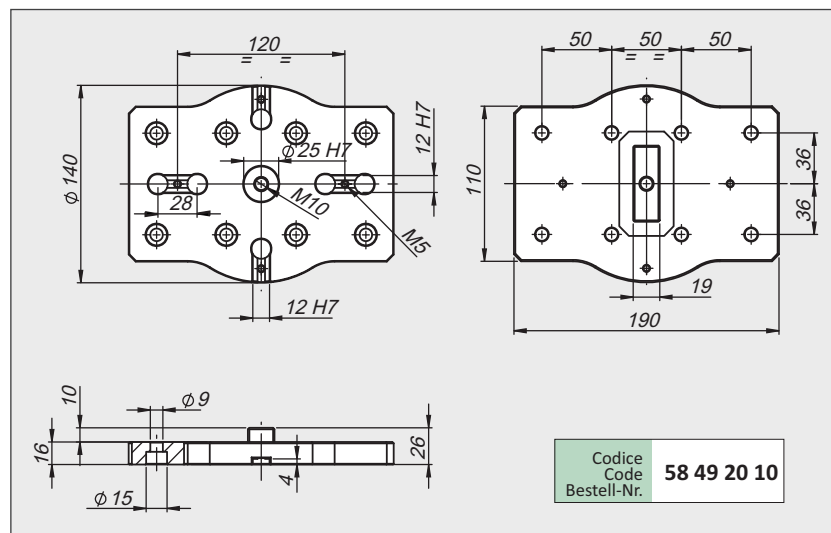
completa di 1 coppia di chiavette di
posizionamento h7 e 1 coppia di staffe

INTERFACE PLATE

complete with 1 pair of positioning keys h7
and 1 pair of clamps

ADAPTERPLATTE

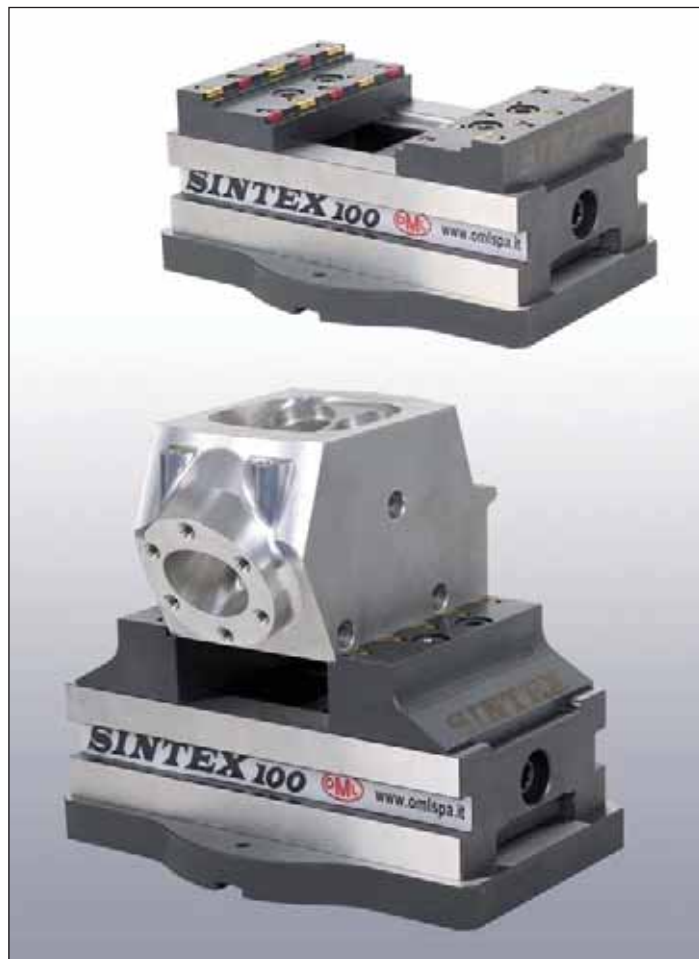
komplett mit 1 Paar Paßnutensteinen H7 und
1 Paar Spannpratzen



Esempi di impiego

Working examples

Anwendungsbeispiele





Coppia ganasce BASIC / Pair of jaws BASIC / Paar Spannbacken BASIC

Codice
Code
Bestell-Nr. **58 49 11 19**



Coppia ganasce PREMIUM / Pair of jaws PREMIUM / Paar Spannbacken PREMIUM

Codice
Code
Bestell-Nr. **58 49 12 19**



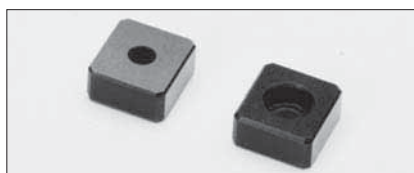
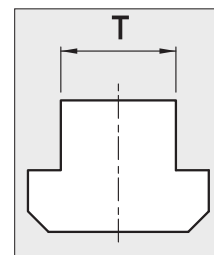
Kit fermo laterale / Workstop / Werkstück-Anschlag

Codice
Code
Bestell-Nr. **58 31 50 20**



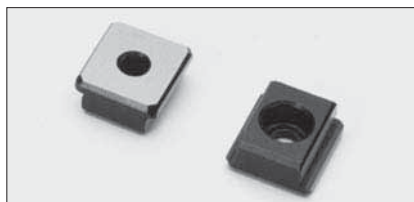
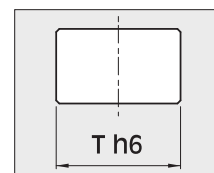
Coppia Staffe Fissaggio / Pair Of Clamps / Paar Spannpratzen

Codice / code / Bestell-Nr.					
mm 12	mm 14	mm 16	mm 18	mm 20	mm 22
58 01 27 92	58 01 27 93	58 01 27 94	58 01 27 95	58 01 27 96	58 01 27 97



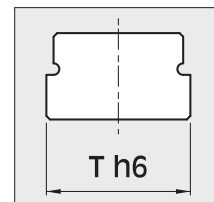
**Coppia chiavette di posizionamento standard /
Pair of standard positioning keys / Paar Standard-Passnutensteine**

Codice
Code
Bestell-Nr. **58 01 15 92**



**Coppia chiavette di posizionamento / Pair of special positioning keys /
Paar Passnutensteine mit Sondermass**

Codice / code / Bestell-Nr.					
mm 12 - h6	mm 14 - h6	mm 16 - h6	mm 18 - h6	mm 20 - h6	mm 22 - h6
-	58 01 15 93	58 01 15 94	58 01 15 95	58 01 15 96	58 01 15 97



Chiave / Key / Spannschlüssel

Codice
Code
Bestell-Nr. **58 49 19 10**

SINTERGRIP: THE NEW CHOICE

Il prodotto brevettato SinterGrip nasce dall'esigenza di bloccare un pezzo per meno millimetri possibili (con SinterGrip 3,5 mm di presa), e questo per le ragioni seguenti:

- 1) poter lavorare completamente il pezzo in un'unica fase (soprattutto per macchine a 5 assi);
- 2) poter risparmiare sulle materie prime, soprattutto quando queste hanno una grossa incidenza sul prezzo (alluminio, titanio, ecc.).

Oltre a ciò, SinterGrip consente di sfruttare al meglio le prestazioni della macchina utensile e gli utensili:

**maggiore velocità di taglio +
maggiore velocità di avanzamento =
maggior volume di truciolo asportato =
minore tempo per lavorare il pezzo**

Rispondendo così al mercato che richiede un bloccaggio sicuro e che eviti le deformazioni del pezzo.

Our new patented product SinterGrip is born to satisfy the current need to clamp a workpiece for very few millimeters (with SinterGrip 3,5 mm clamping surface), and this for the following reasons:

- 1) *In order to machine the workpiece completely in a single operation (especially for 5 axis machines);*
- 2) *In order to save money for the raw materials, especially when they have a big impact on the price (aluminum, titanium, etc.).*

Indirectly to these reasons, and in order to improve the performance of the machine tool and the tools

**higher cutting speed +
higher feed rate =**

**bigger volume of metal removed =
less time to machine the workpiece,**
the market requires safe clamping, which could at the same time possibly avoid the deformations of the piece itself.

Das Patentierte Produkt SinterGrip Spannbacken wurde für die Notwendigkeit entwickelt, ein Werkstück so Randnah und sicher wie möglich zu spannen! (SinterGrip mit 3,5 mm Einspanntiefe), und das aus folgenden Gründen:

- 1) *Um ein Werkstück komplett in einer Aufspannung sicher zu bearbeiten (speziell auf 5-Achs-Maschinen);*
- 2) *Um Rohstoffe/Material (Aluminium, Titan, etc.) zu sparen, da sie einen großen Einfluss auf den Stück-Preis haben.*

Aus diesen Gründen und um die Performance der Werkzeugmaschine besser ausnutzen zu können

**höhere Schnittgeschwindigkeit +
höherer Vorschub =**

**höhere Zerspanungsleistung =
weniger Zeit, für die Bearbeitung des Werkstücks**
Die Anwender benötigen eine sehr sichere Spannlösung, welche gleichzeitig zudem auch noch Deformationen des Werkstücks vermeidet.



codice code Bestell-Nr.	descrizione description Beschreibung
58 45 01 19	set 10 inserti STD per acciaio Set of 10 SinterGrip inserts STD for steel Set 10 SinterGrip - Einsätze STD für Stahl



codice code Bestell-Nr.	descrizione description Beschreibung
58 45 01 29	set 10 inserti HRC per acciaio temperato / titanio fino a 50-54 HRC set of 10 SinterGrip inserts HRC for hardened steel / titanium until 50-54 HRC Set 10 SinterGrip - Einsätze HRC für gehärteten Stahl / Titan bis zu 50-54 HRC



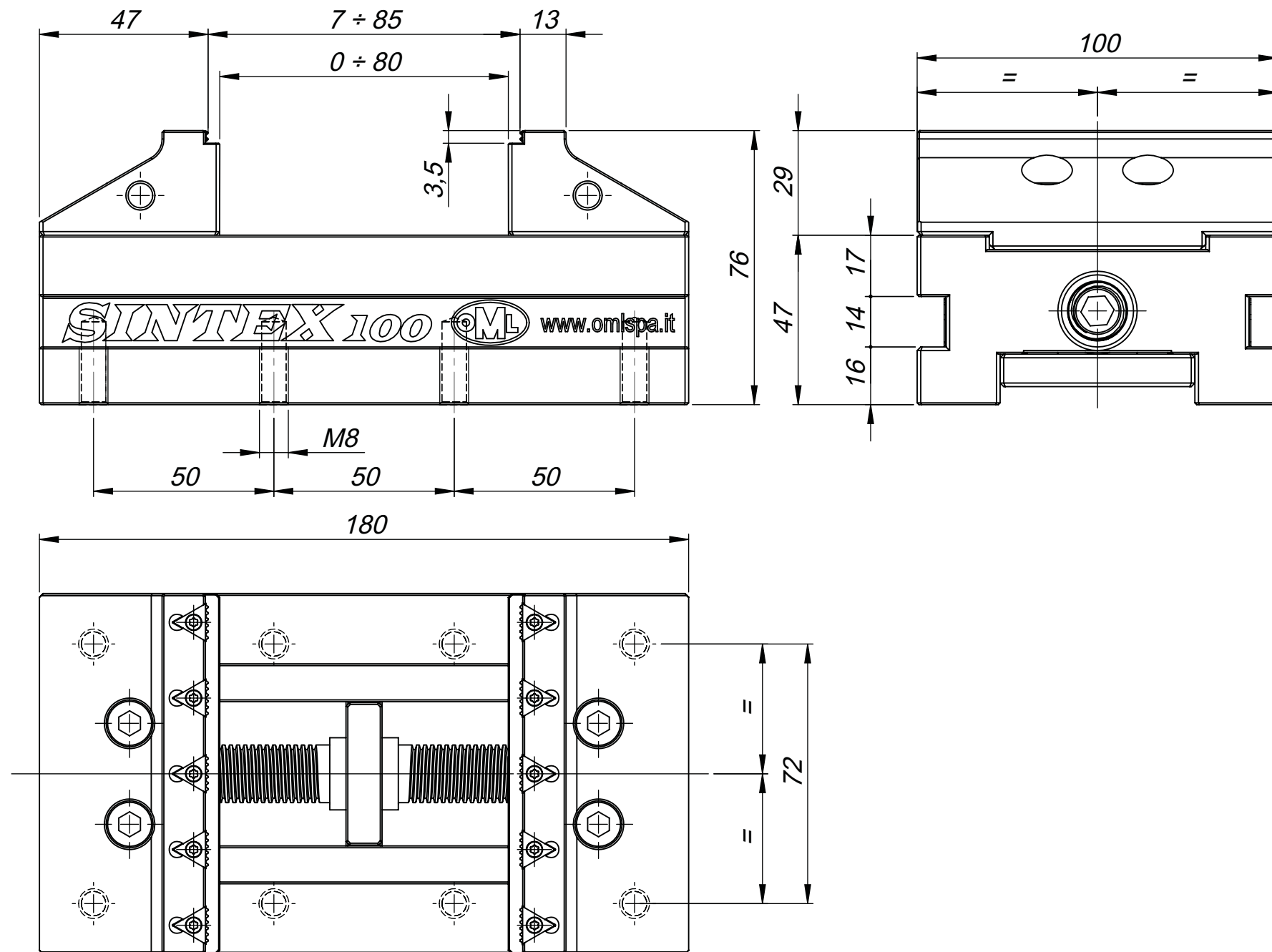
codice code Bestell-Nr.	descrizione description Beschreibung
58 45 01 39	set 10 inserti ALU per alluminio Set of 10 SinterGrip inserts for ALU Set 10 SinterGrip - Einsätze für ALU

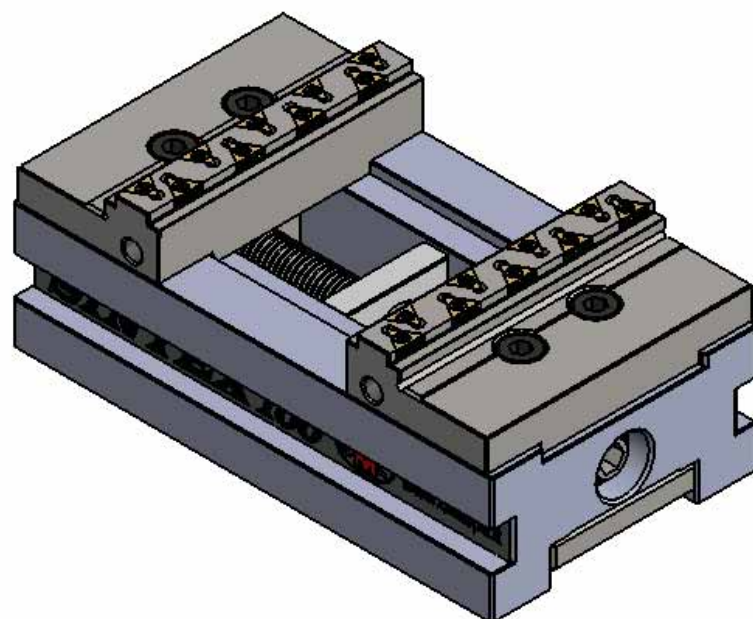
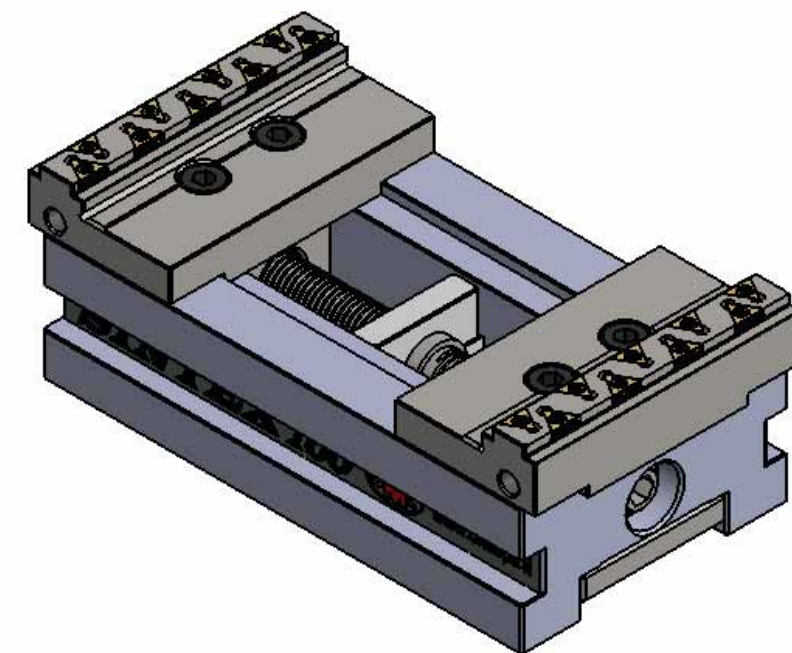
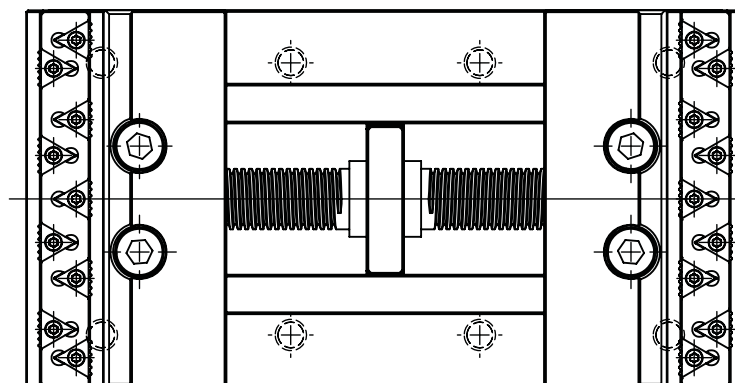
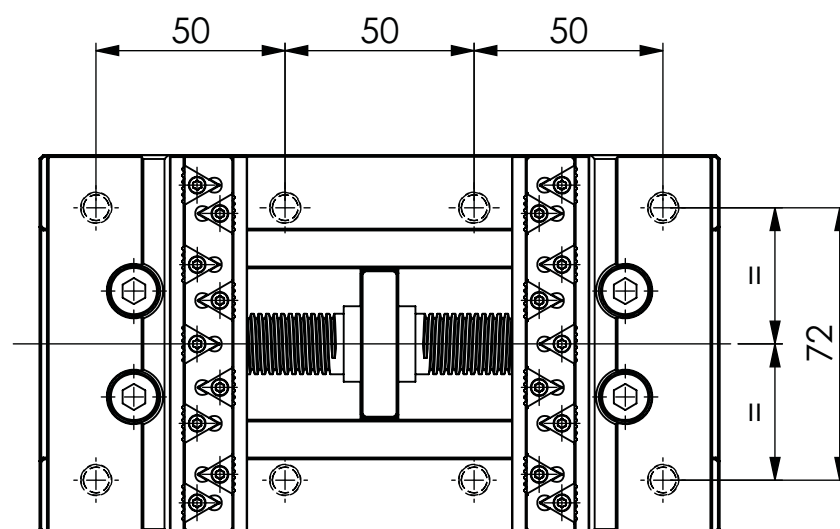
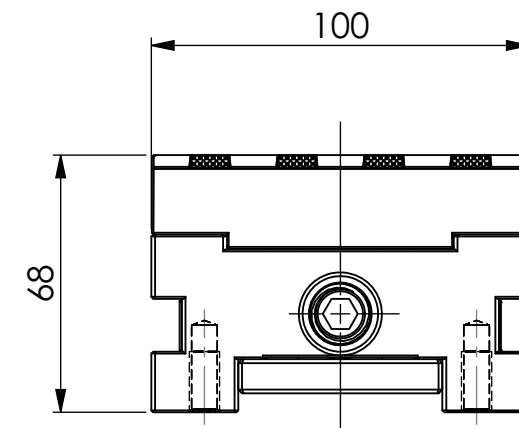
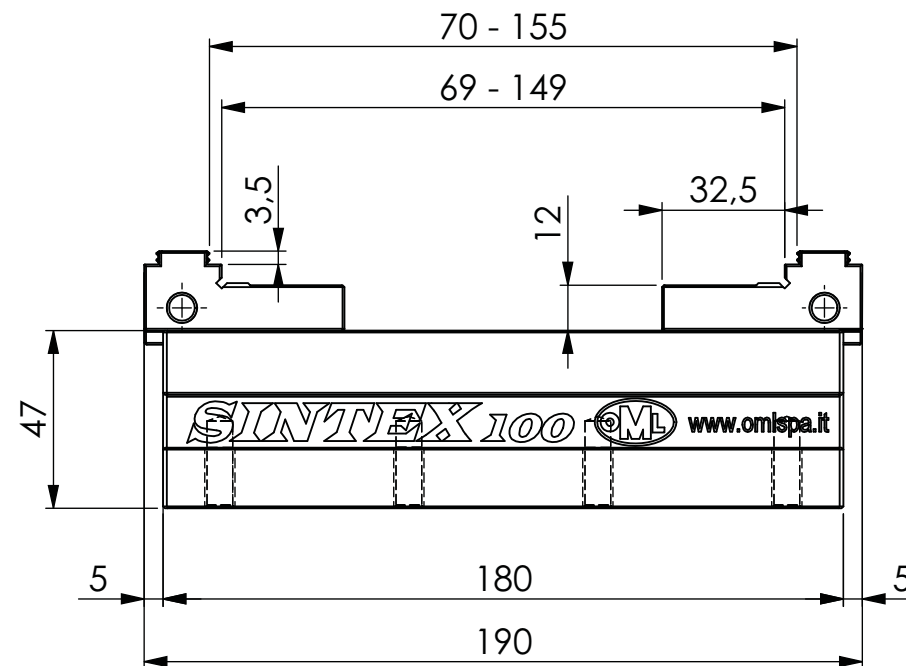
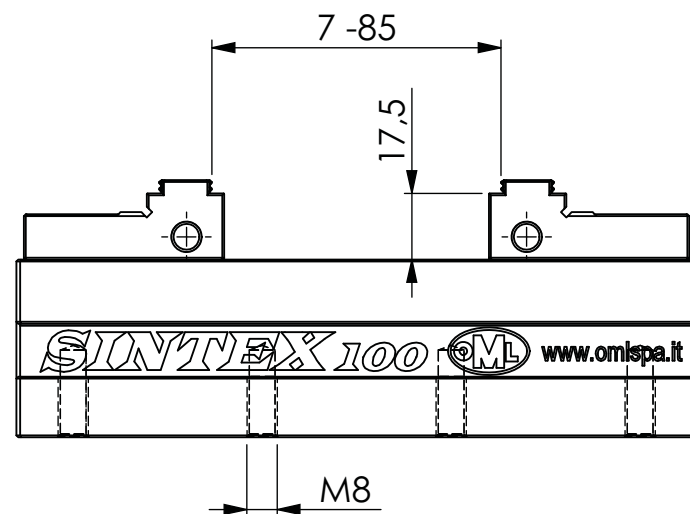


codice code Bestell-Nr.	descrizione description Beschreibung
58 45 02 19	kit 10VTx30 x ins. SINTERGRIP Kit 10VTX30 x inserts SINTERGRIP Kit 10VTX30 x SINTERGRIP -Einsatz



codice code Bestell-Nr.	descrizione description Beschreibung
58 45 05 19	kit 10 inserti di protezione in alluminio Kit 10 protection inserts in aluminum Kit 10 Einsätze zum Schutz der Plattensitze aus ALU





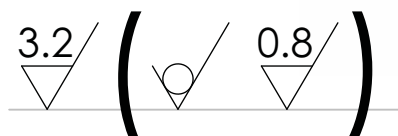
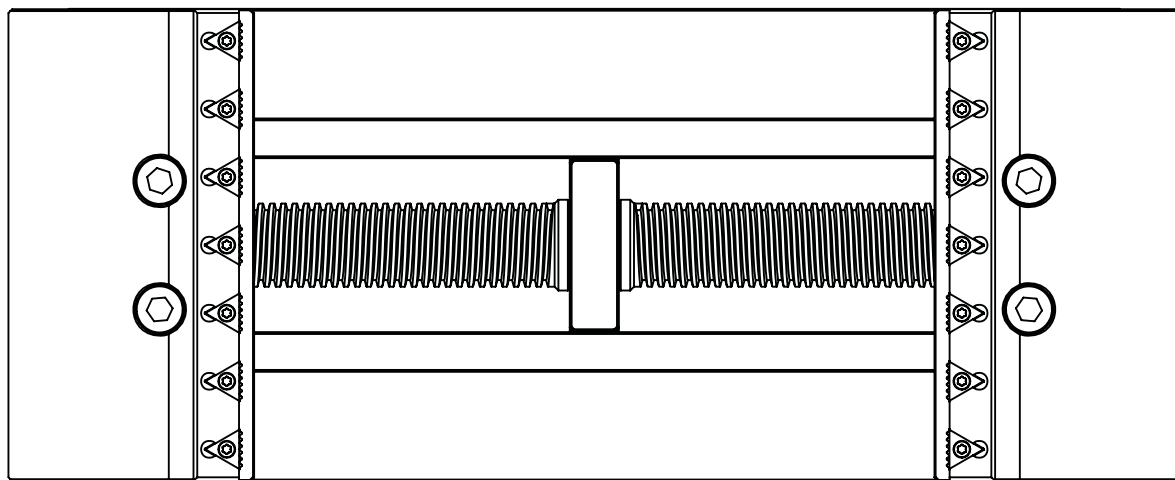
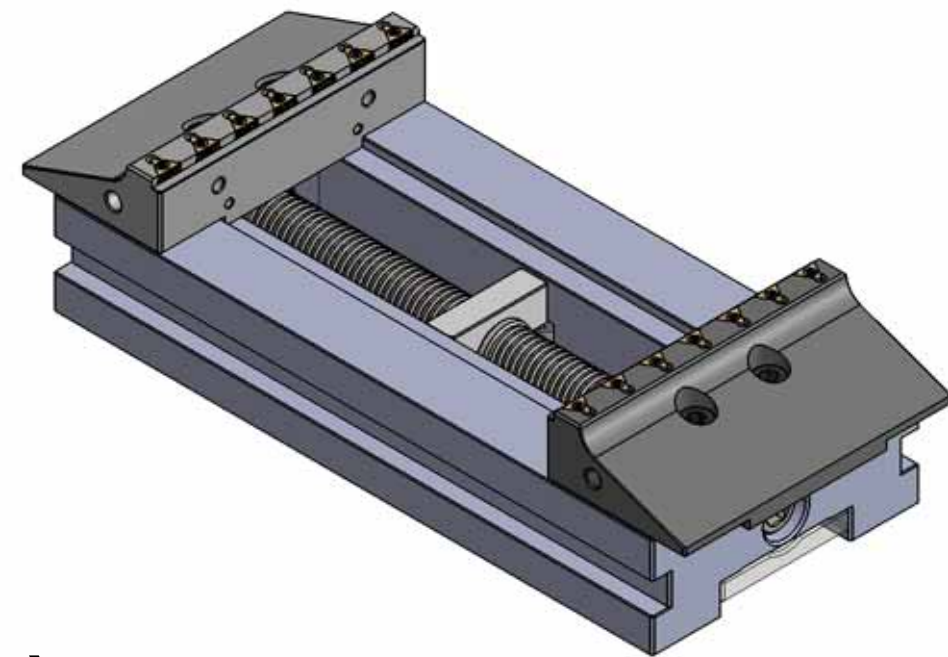
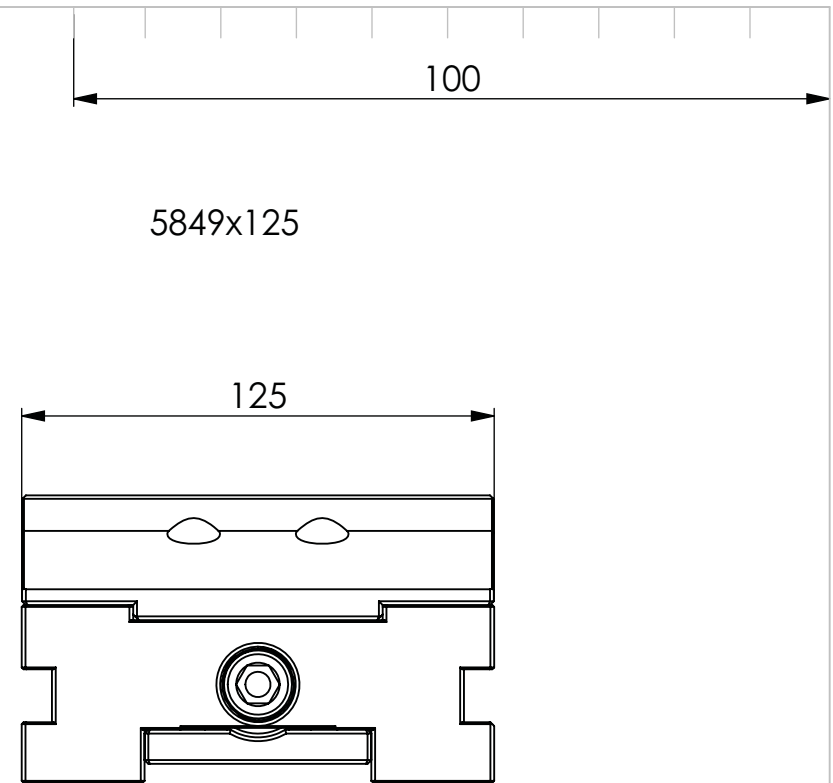
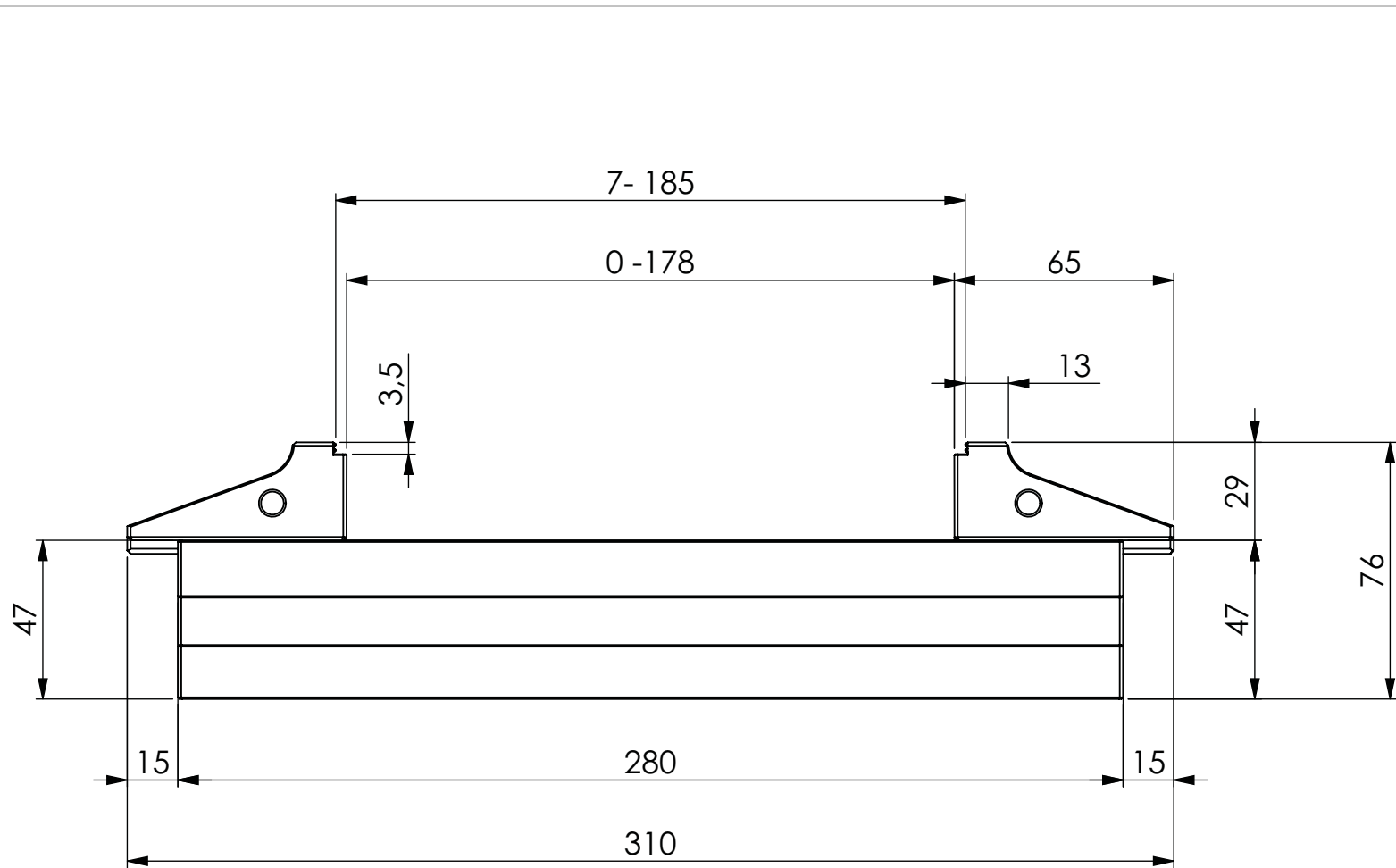
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		ASSIEME					
TRAVACO' SICCOMARIO PAVIA ITALIA		SINTEX 100 PREMIUM					
SCALE/SCALA A3 1:2	DATE/DATE 10-03-2016	DRAWN BY/DISEGN. Rolandi	CHECKED/VISTO	N.	REVISED/MODIFICA	DATA	FIRMA
				ASSEMBLY/COMPLSS.		DRAWING/DISEGNO	
		WEIGHT/PESO 5.7 kg.	THE COMPANY GUARDS ITS DRAWINGS ACCORDING TO THE LAW	77584902			

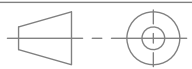
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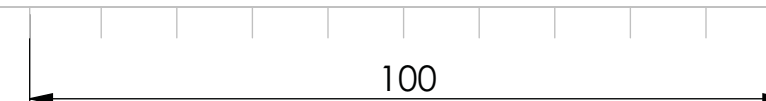
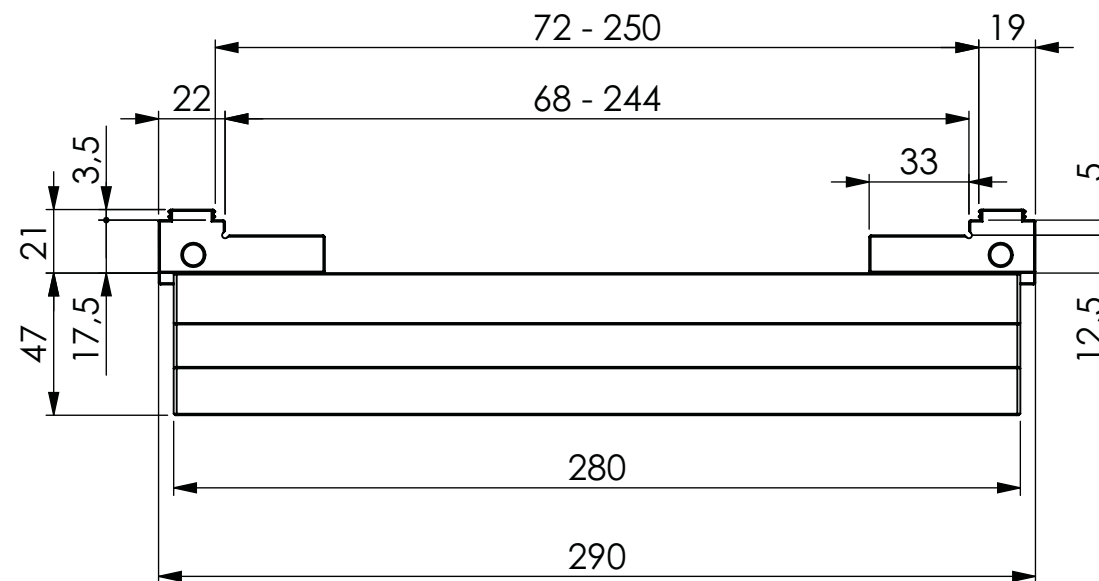
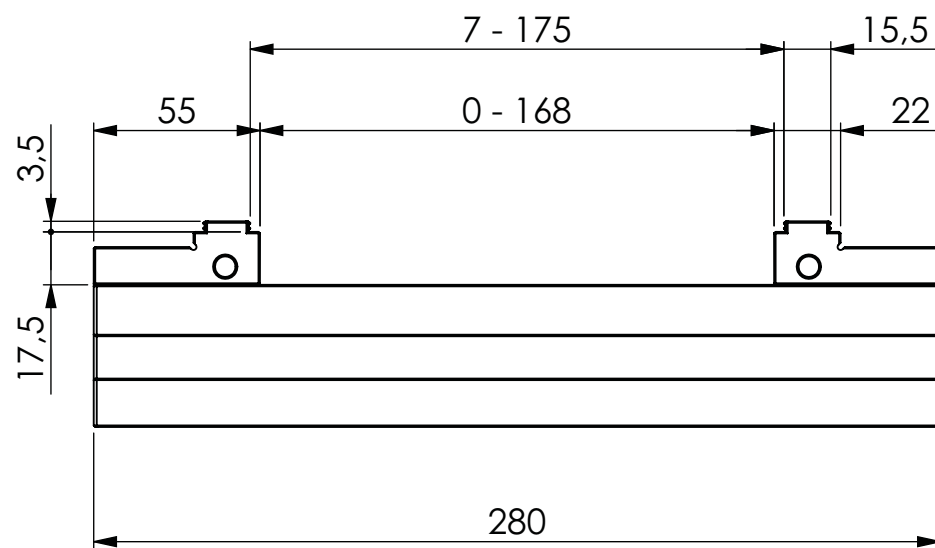
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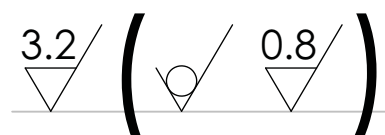
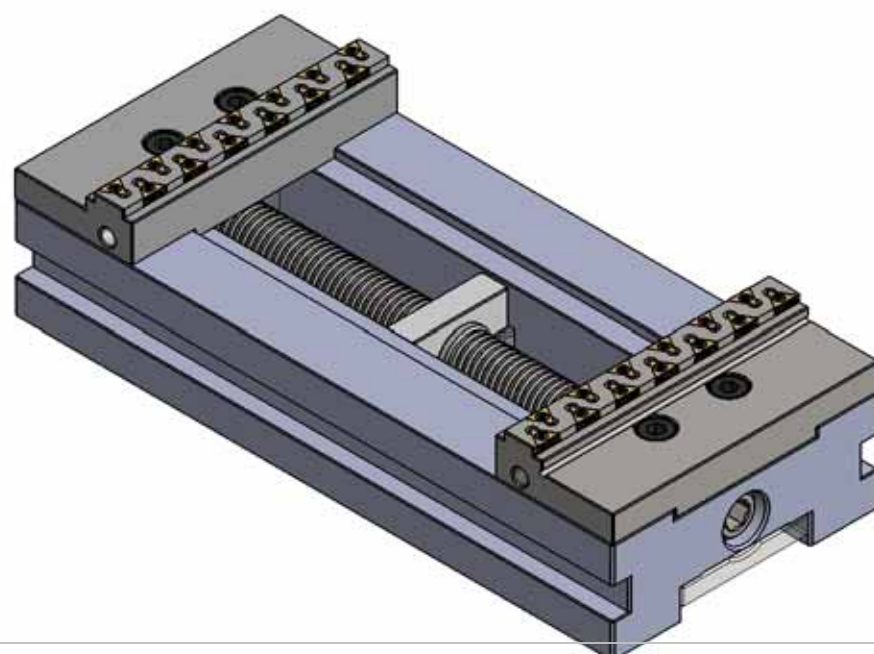
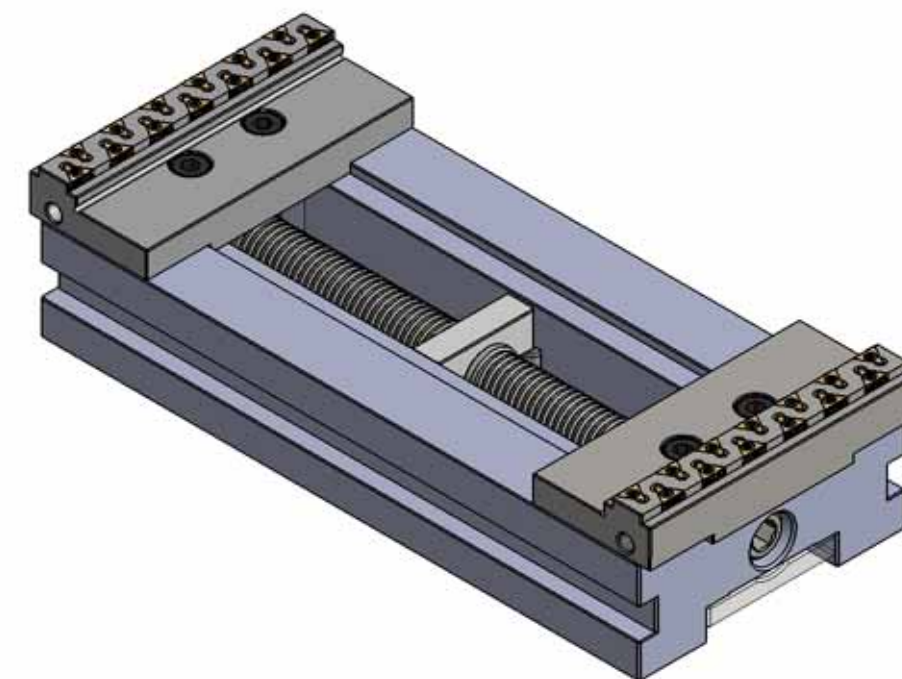
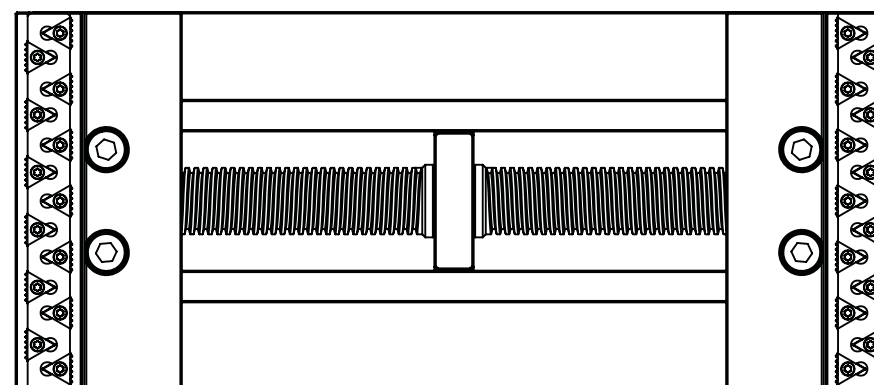
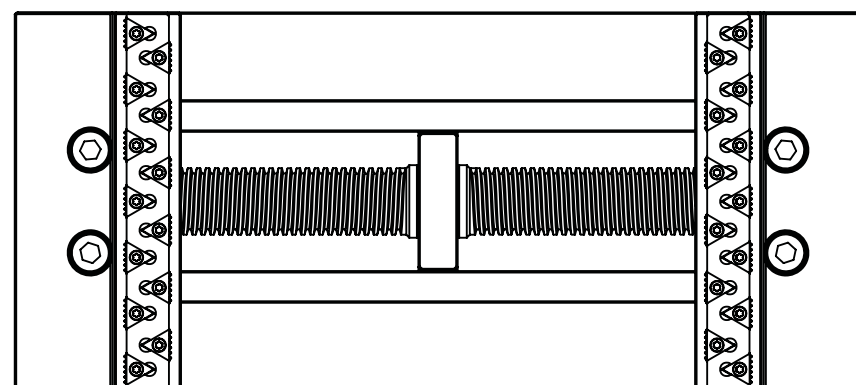
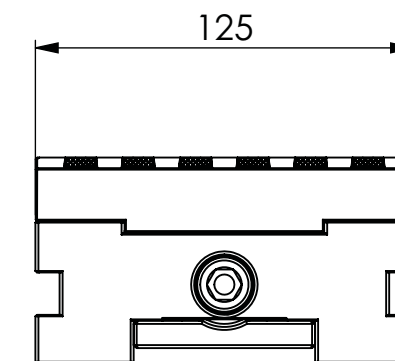
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 TRAVACO' SICCOMARIO PAVIA ITALIA		SINTEX 125 STANDARD					
SCALE/SCALA A3 1:2	DATE/DATA 17-11-2015	DRAWN BY/DISEGN. Rolandi	CHECKED/VISTO	N.	REVISED/MODIFICA	DATA	FIRMA
				ASSEMBLY/COMPLESS.		DRAWING/DISEGNO	
 Raw Greggio				WEIGHT/PESO Machined Finito		THE COMPANY GUARDS ITS DRAWINGS ACCORDING TO THE LAW	
				-		5849x125	

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5849x125 -α2



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		SINTEX 125 CON GANASCIA PREMIUM					
TRAVACO' SICCOMARIO PAVIA ITALIA							
SCALE/SCALA A3 1:2	DATE/DATA 17-11-2015	DRAWN BY/DISEGN. Rolandi	CHECKED/VISTO	N.	REVISED/MODIFICA	DATA	FIRMA
				ASSEMBLY/COMPLESS.		DRAWING/DISEGNO	
						5849X125 P	

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MODULAR CLAMPING SYSTEMS



SINTERGRIP



APS



FMS



TC



MC



LC



CLAK SYSTEM



GENIUS



CIVI 2000



CAM SYSTEM



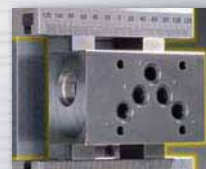
HOLDING CLAMPS



VARI CLAMP



DUO - LOCK



JAWS



SC



SPEEDY VISE



FAST CLAMPS



TOUCHDEX



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