



GENIU 5



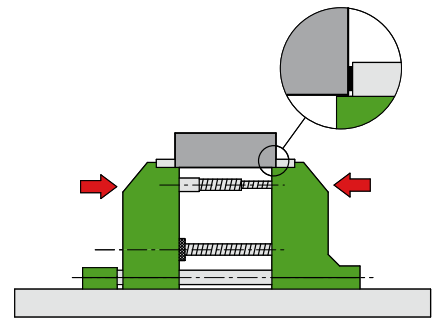
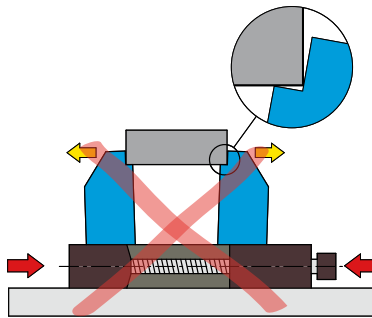
5 SONO LE CARATTERISTICHE PRINCIPALI 5 ARE ITS MAIN FEATURES DIE WICHTIGSTEN EIGENSCHAFTEN/VORTEILE SIND 5

1

La forza di bloccaggio (sino a 40 kN) è direzionata esattamente dove è necessario.

The clamping force (up to 40 kN) is generated right where it is needed: at the part.

Die Spannkraften (bis 40 kN) werden dort eingeleitet, wo sie am effektivsten wirken

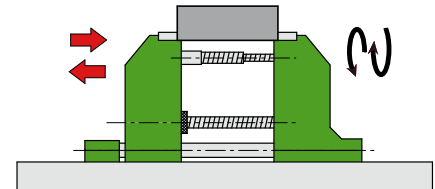


2

Grazie al suo sistema di vite telescopica, GENIUS può bloccare il pezzo sino a 200 mm con un unico set-up.

Thanks to its own expanding screw, GENIUS can clamp workpieces up to 200 mm with just one set-up.

Dank eines Teleskop-Spindel-Systems kann GENIUS mit einer einzigen Voreinstellung (set up) bis zu 200mm weit spannen (größere Spannweiten auf Anfrage)

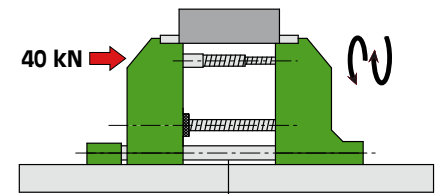
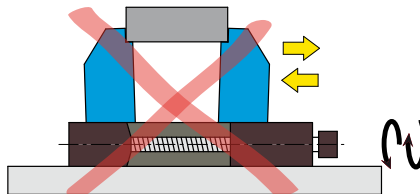


3

Al contrario delle morse tradizionali, ove il bloccaggio viene effettuato a spinta, con GENIUS il bloccaggio è effettuato a trazione.

Unlike traditional vises, GENIUS clamps the workpieces by means of traction clamping.

Im Gegensatz zu den meisten herkömmlichen Schraubstock-Spannsystemen, bei denen die Spannung auf Druck aufgebaut wird, arbeitet das GENIUS-System auf Zug.

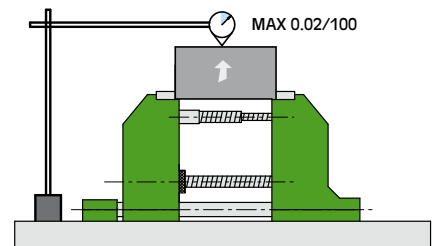
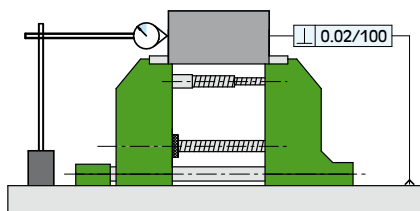


4

GENIUS è la prima morsa progettata per macchine a 5 assi che può essere utilizzata anche per lavori di alta precisione.

GENIUS is the first vise designed for 5 axis-machine tools that can be used for high precision milling operations.

GENIUS ist der erste 5-Achs-Spanner, welcher auch für eine Präzisionsbearbeitung eingesetzt werden kann!

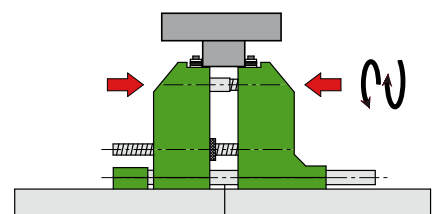


5

Lo scorrimento delle ganasce non è su una base ma su alberi cementati e rettificati. Questo consente un più rapido e preciso posizionamento di entrambe in asse con il centro del pallet macchina.

The movement of the jaws is not on a base, but on hardened and ground shafts. This allows for quicker and more accurate positioning of both the same axis with the centre of the machine tool pallet.

Die Spannweitenverstellung und die Führung der Backen wird nicht über ein Basisunterteil realisiert, sondern durch runde, gehärtete und geschliffene Führungsstangen. Mittels dieser Führungsstangen kann sehr schnell und präzise entweder in Achse oder auf Mitte Palette positioniert werden.



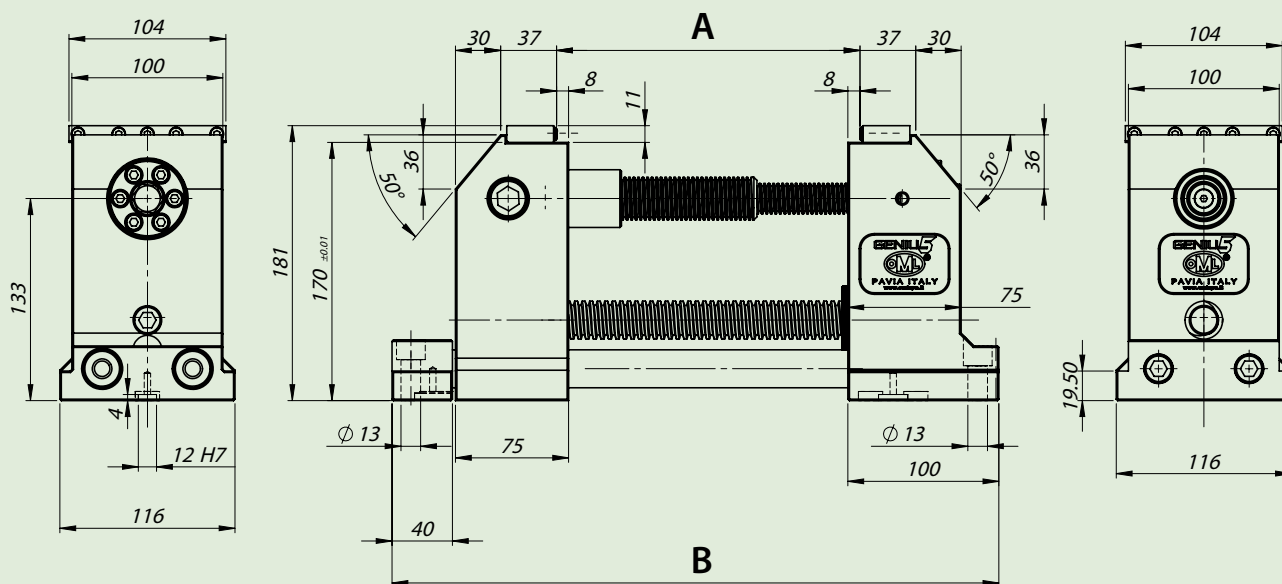




Morsa GENIUS completa di chiave di manovra e coppia chiavette di posizionamento

GENIUS vise, complete with wrench and pair of positioning keys

GENIUS 5-Achs-Spanner, komplett mit einem Spannschlüssel und einem Paar Passnutensteinen



codice code Bestell-Nr.	modello type Modell	A*	B	peso kg weight kg Gewicht kg
77 58 50 01	GENIUS 100	100	312	23
77 58 50 02	GENIUS 200	200	412	25

* Apertura "A" speciale a richiesta
Special opening "A" upon request
Größere Spannweiten auf Anfrage!

Esecuzioni speciali a richiesta
Special applications upon request
Sonderausführungen auf Anfrage!

accessori - accessories - Zubehör



58 50 41 19

piastrina di fermo laterale

work stop

Seitenanschiag komplett

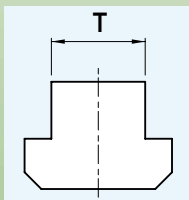


58 50 41 19

coppia ganasce lisce/rigate

pair of smooth/grooved jaws

Paar Spannbacken glatt/geriffelt



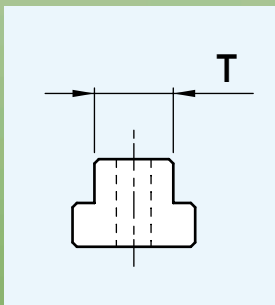
coppia staffe di fissaggio

pair of clamps, complete with screw and T-nuts

Ein Paar Spannpratzen, komplett mit Spannschraube und T-Nutenstein

codice - code - Bestell nr.

mm 12	mm 14	mm 16	mm 18	mm 20	mm 22
58 02 27 92	58 02 27 93	58 02 27 94	58 02 27 95	58 02 27 96	58 02 27 97



coppia tasselli con vite M12

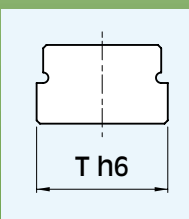
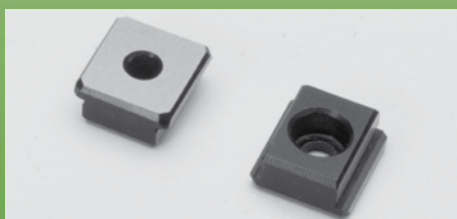
codice
code
Bestell nr.

T
mm

pair of nuts complete with screws M12

51 50 25 93	14
51 50 25 94	16
51 50 25 95	18
51 50 25 96	20
51 50 25 97	22

Ein Paar T-Nutensteine komplett mit Schraube M12



coppia chiavette di posizionamento

pair of positioning key

Paar Passnutensteine

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 92	58 01 15 93	58 01 15 94	58 01 15 95	58 01 15 96	58 01 15 97

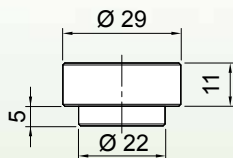


51 50 10 02

chiave dinamometrica

torque wrench

Drehmomentschlüssel



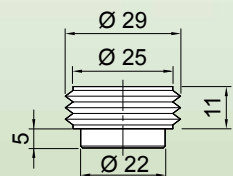
codice
code
Bestell-Nr.

58 90 61 14

set 4 "gripper" h11 lisci

set of 4 "grippers" h11 smooth

Set aus 4 Stück "Grippers" h 11 glatt



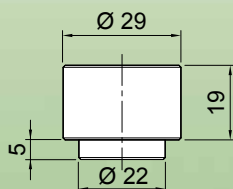
codice
code
Bestell-Nr.

58 90 61 24

Set 4 gripper h11 dentati

set of 4 "grippers" h11 serrated

Set aus 4 Stück "Messer-Grippers" h 11



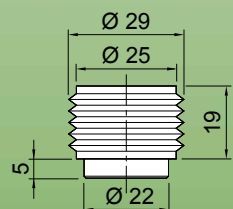
codice
code
Bestell-Nr.

58 90 62 24

Set 4 "gripper" h19 lisci

set of 4 "grippers" h19 smooth

Set aus 4 Stück "Grippers" h 19 glatt



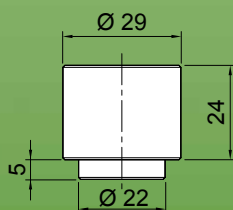
codice
code
Bestell-Nr.

58 90 62 14

Set 4 "gripper" h19 dentati

set of 4 "grippers" h19 serrated

Set aus 4 Stück "Messer-Grippers" h 19



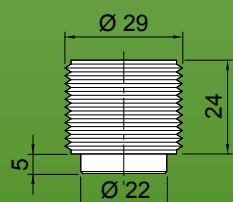
codice
code
Bestell-Nr.

58 90 63 14

Set 4 "gripper" h24 lisci

set of 4 "grippers" h24 smooth

Set aus 4 Stück "Grippers" h 24 glatt



codice
code
Bestell-Nr.

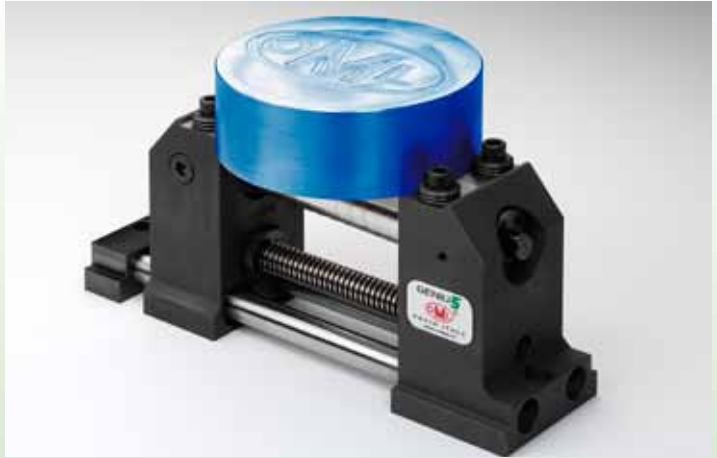
58 90 63 24

Set 4 "gripper" h24 dentati

set of 4 "grippers" h24 serrated

Set aus 4 Stück "Messer-Grippers" h 24

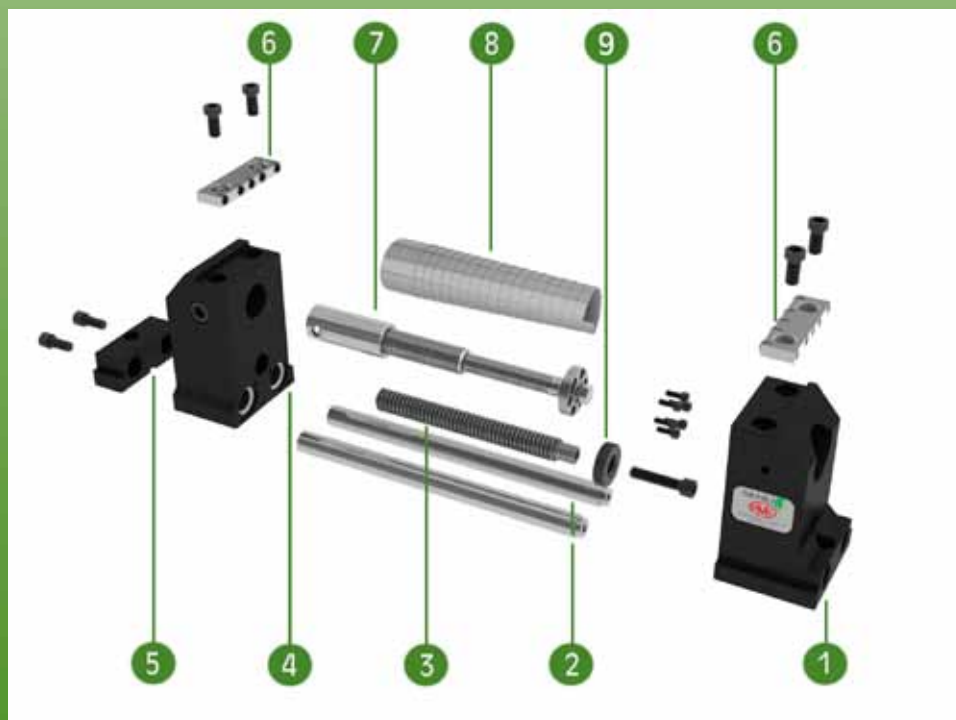
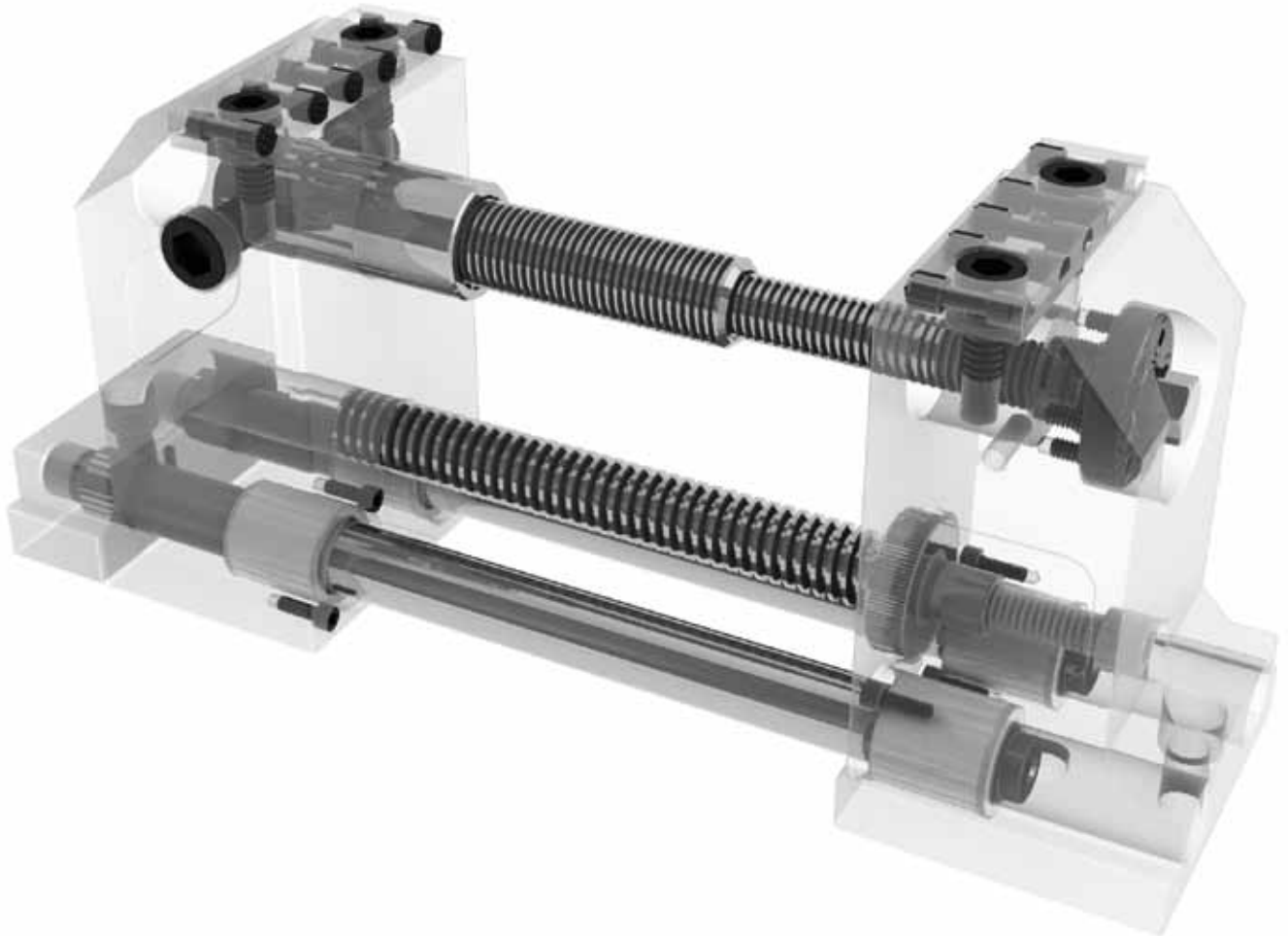
esempio di impiego con "grippers"
working example with "grippers"
Anwendungsbeispiele mit "Grippers"



esempio di impiego con fermo laterale
working example with work stop
Anwendungsbeispiel mit Seitenanschlag



GENIU 5





ricambi - spare parts - Ersatzteile



58 50 42 19

coppia ganasce con inserti grip

pair of jaws with grippers

Paar Spannbacken mit Grippers



51 99 20 08

gripper tondo

round gripper

Gripp-Einsatz rund



51 50 29 10

chiave di bloccaggio a leva

clamping key

Spannschlüssel



71 29 02 18

carter telescopico protezione vite in acciaio inox

telescopic stainless steel carter

Spiral-Teleskopfeder für Spindelkapselung Inox



77 58 50 10

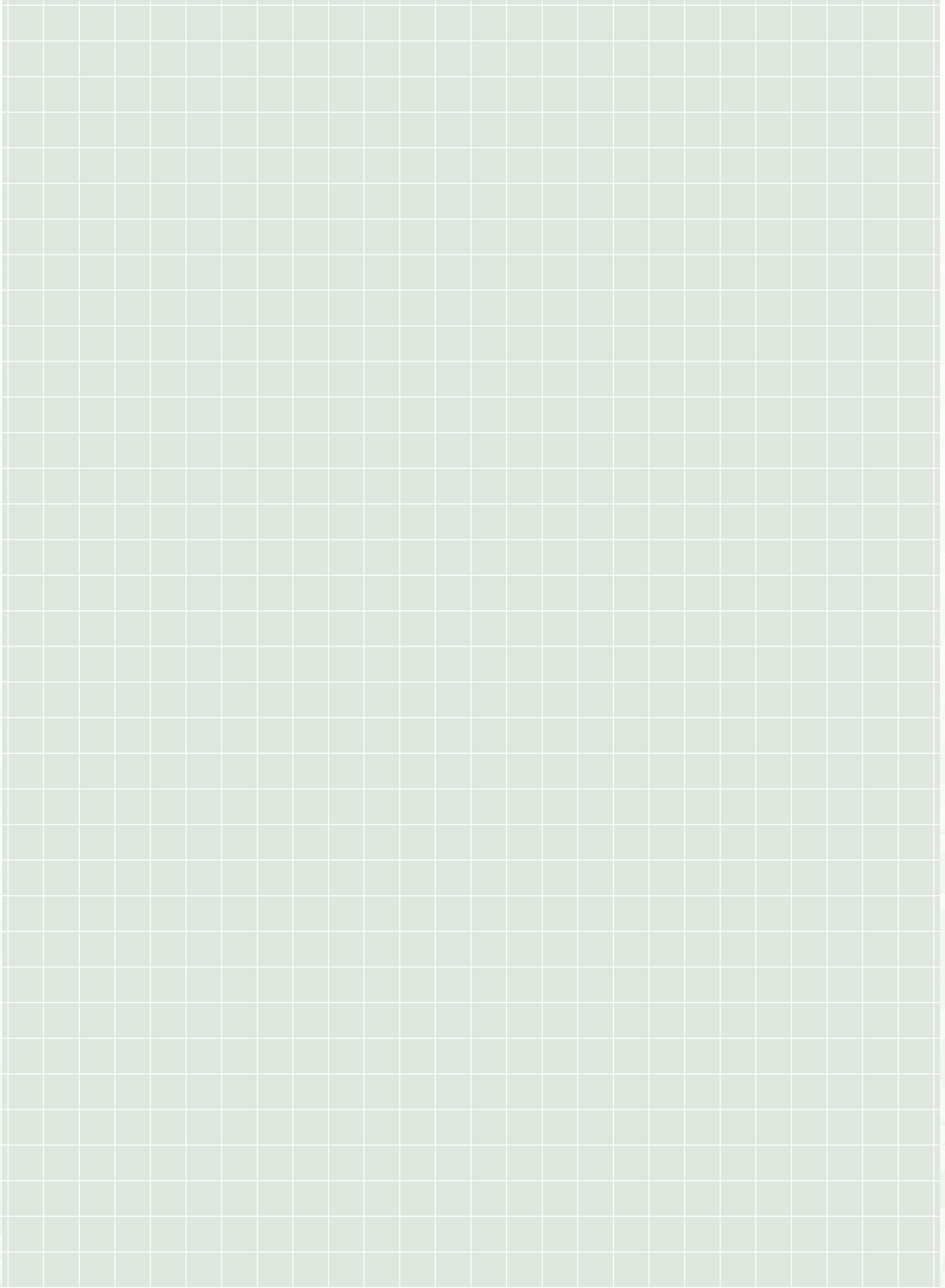
gruppo madrevite

spindle group

Teleskopspindel-Baugruppe

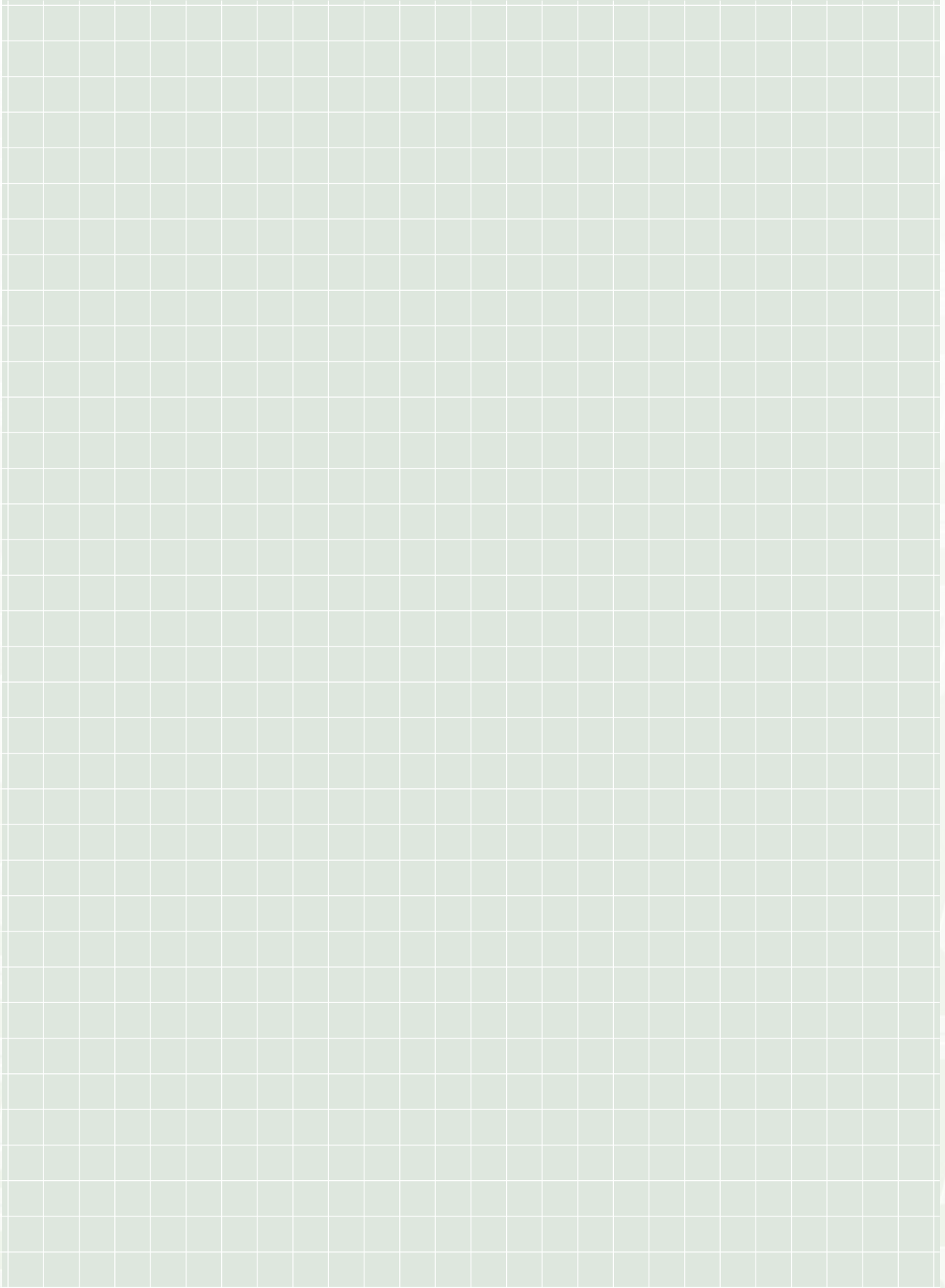


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SISTEMI MODULARI DI BLOCCAGGIO
MODULAR CLAMPING SYSTEMS



AZIENDA CON SISTEMA
DI GESTIONE PER LA QUALITA'
CERTIFICATO DA DNV
UNI EN ISO 9001:2000



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