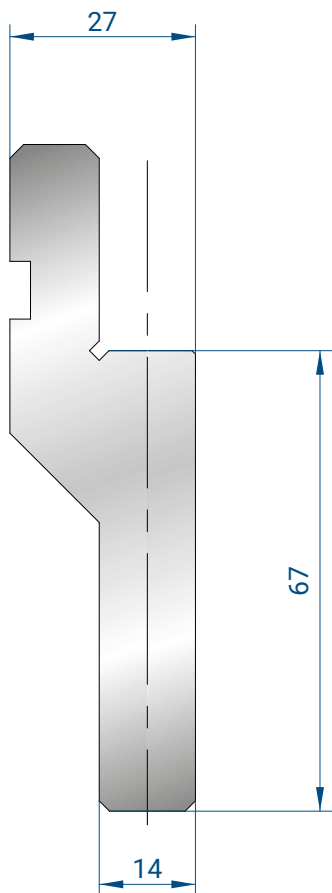


ACCESSORI ACCESSORIES

 **EUROSTAM**
the Italian e



SUPPORTI PER INSERTI RAGGIATI
RADIUS INSERTS HOLDERS



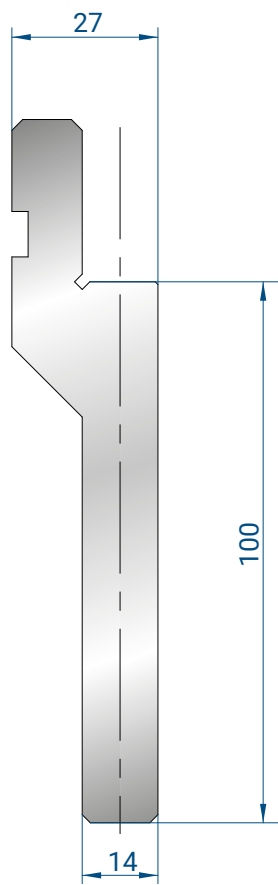
1036

AMADA PROMECAM STYLE

Mat = C45

Max T/m = 100

| | |
|--------|---------|
| 830 mm | 10,0 kg |
| 410 mm | 5,0 kg |



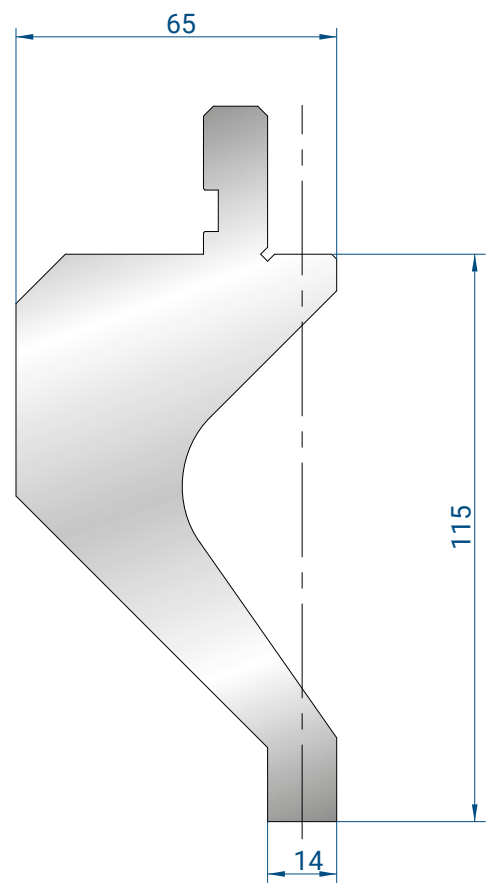
1096

AMADA PROMECAM STYLE

Mat = C45

Max T/m = 100

| | |
|--------|---------|
| 830 mm | 13,0 kg |
| 410 mm | 6,0 kg |



1090

AMADA PROMECAM STYLE

Mat = C45

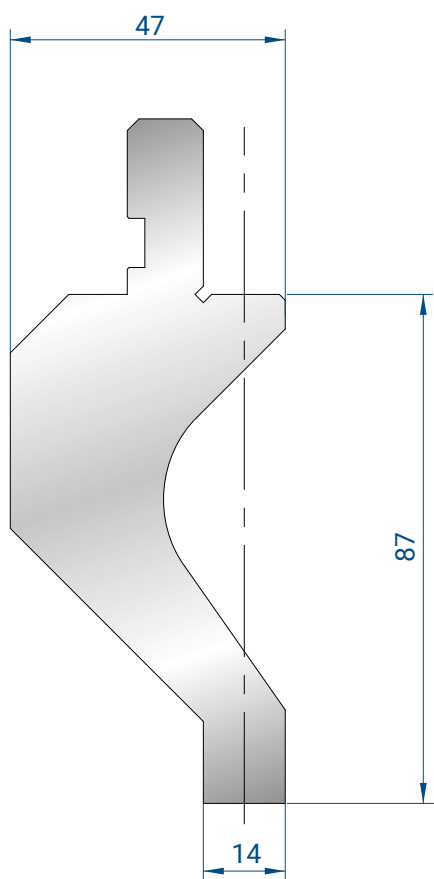
Max T/m = 50

| | |
|--------|---------|
| 830 mm | 26,0 kg |
| 410 mm | 13,0 kg |



SUPPORTI PER INSERTI RAGGIATI

RADIUS INSERTS HOLDERS



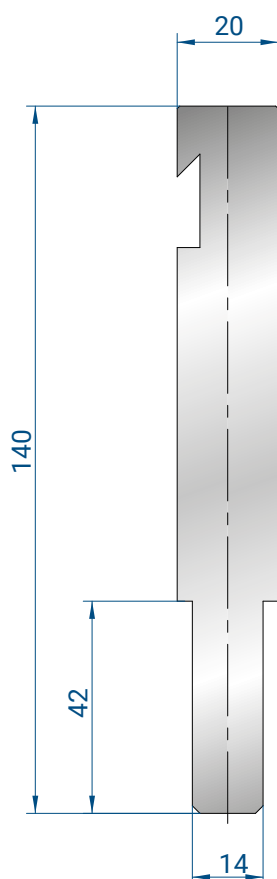
1091

AMADA PROMECAM STYLE

Mat = C45

Max T/m = 50

| | |
|--------|---------|
| 830 mm | 16,0 kg |
| 410 mm | 8,0 kg |



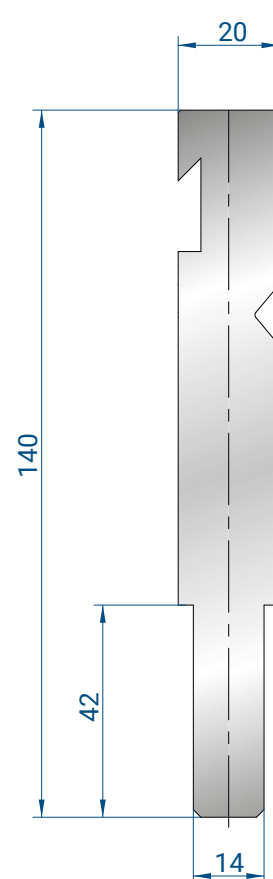
1239

BYSTRONIC R STYLE

Mat = C45

Max T/m = 100

| | |
|--------|---------|
| 830 mm | 15,0 kg |
| 410 mm | 7,0 kg |



1273

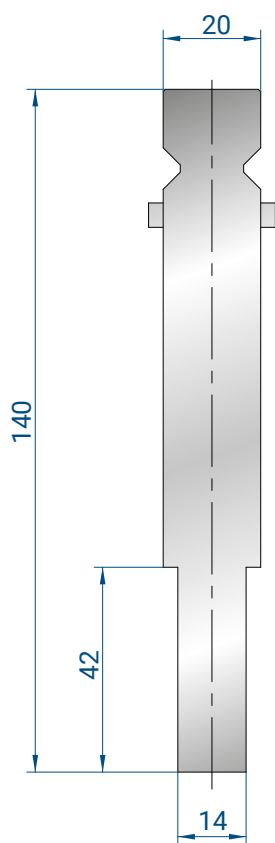
BYSTRONIC RF - A STYLE

Mat = C45

Max T/m = 100

| | |
|--------|---------|
| 830 mm | 16,0 kg |
| 410 mm | 8,0 kg |





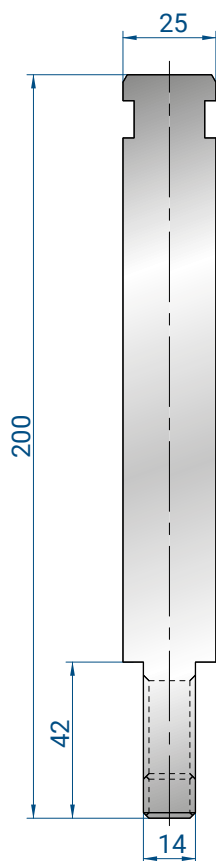
1240

TRUMPF / WILA STYLE

Mat = C45

Max T/m = 100

| | |
|--------|---------|
| 830 mm | 16,0 kg |
| 410 mm | 8,0 kg |



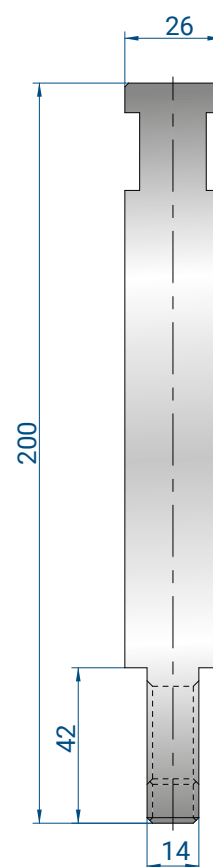
1305

WEINBRENNER STYLE

Mat = C45

Max T/m = 100

| | |
|--------|---------|
| 830 mm | 28,0 kg |
| 410 mm | 14,0 kg |



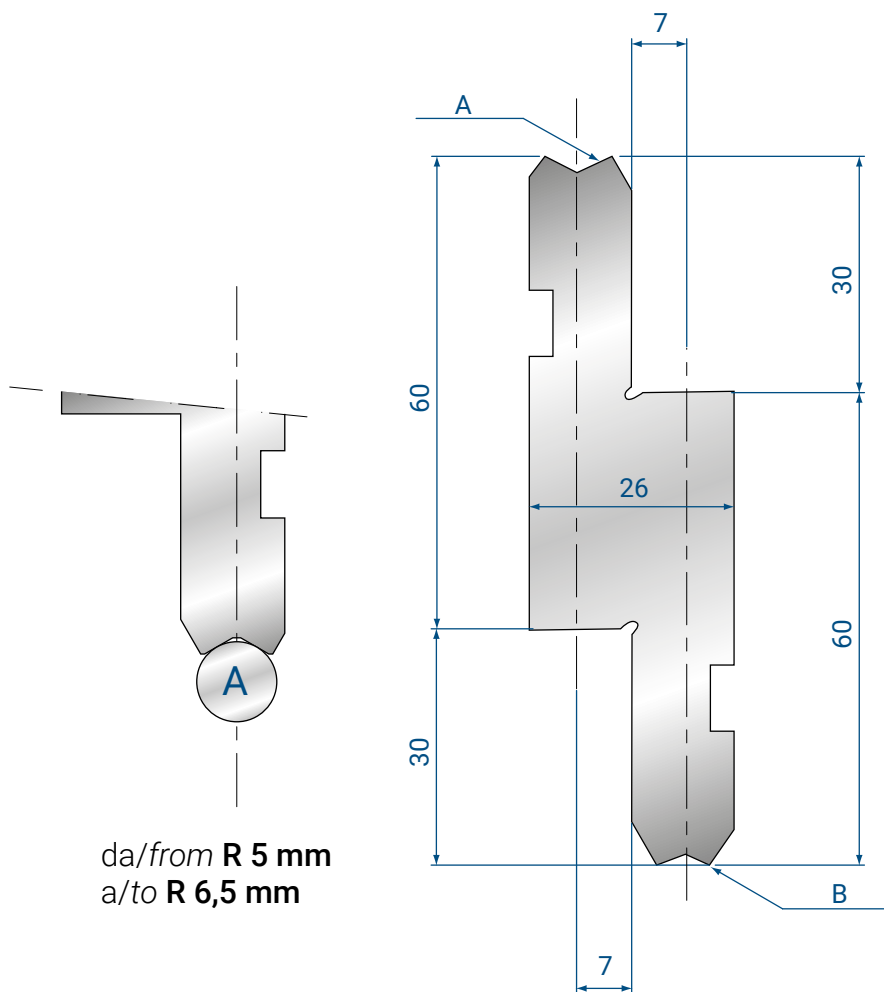
1306

EHT STYLE

Mat = C45

Max T/m = 100

| | |
|--------|---------|
| 830 mm | 28,0 kg |
| 410 mm | 14,0 kg |

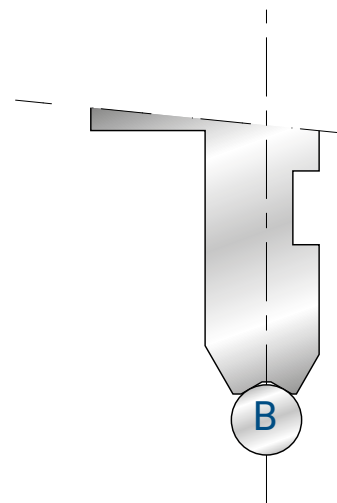


da/from R 5 mm
a/to R 6,5 mm

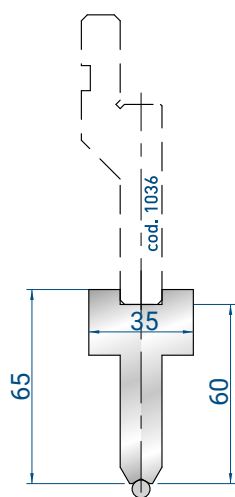
1155

AMADA/PROMECAM STYLE
Mat = C45

| | |
|--------|--------|
| 830 mm | 9,0 kg |
| 410 mm | 4,0 kg |



da/from R 3 mm
a/to R 4,5 mm



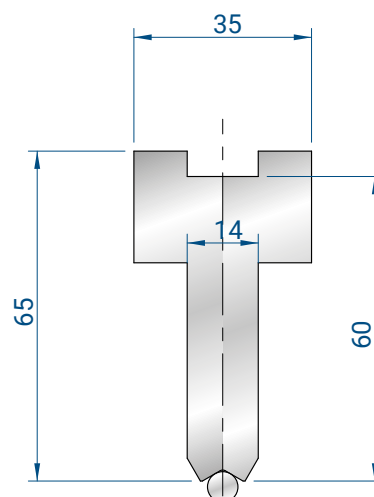
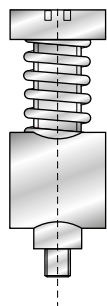
1296

da/from R 3 mm
a/to R 4,5 mm

| | |
|--------|--------|
| 830 mm | 8,0 kg |
| 410 mm | 4,0 kg |

4275

PEZZO DI RICAMBIO
SPARE PART



1297

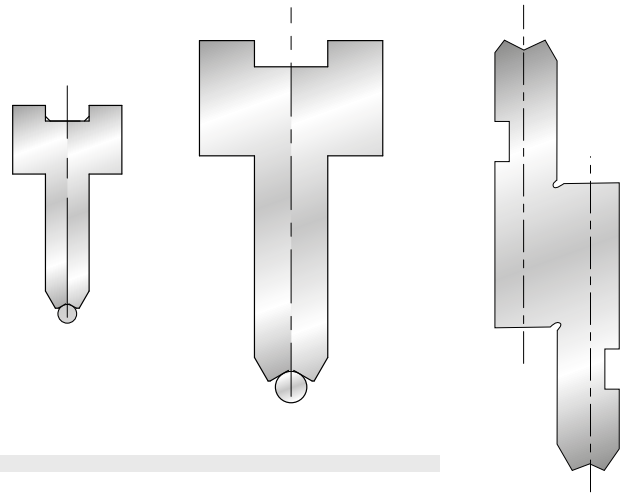
da/from R 5 mm
a/to R 6,5 mm

| | |
|--------|--------|
| 830 mm | 8,0 kg |
| 410 mm | 4,0 kg |

INSERTI RAGGIATI PICCOLI SMALL RADIUS INSERTS

SOLO PER SUPPORTI
ONLY FOR HOLDERS

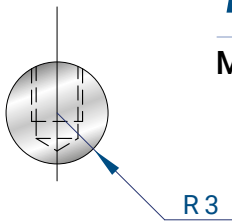
1155 - 1296 - 1297



1180

Mat = C45

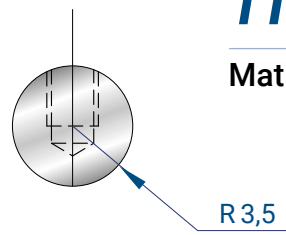
| | |
|--------|--------|
| 835 mm | 1,0 kg |
| 415 mm | 0,5 kg |



1181

Mat = C45

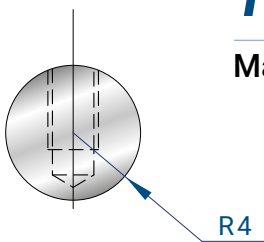
| | |
|--------|--------|
| 835 mm | 1,0 kg |
| 415 mm | 0,5 kg |



1182

Mat = C45

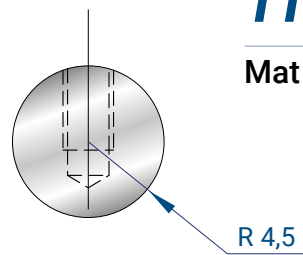
| | |
|--------|--------|
| 835 mm | 1,0 kg |
| 415 mm | 0,5 kg |



1183

Mat = C45

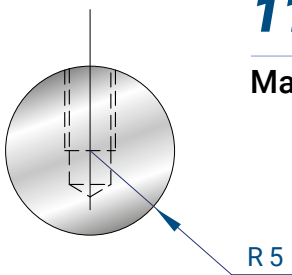
| | |
|--------|--------|
| 835 mm | 1,0 kg |
| 415 mm | 0,5 kg |



1184

Mat = C45

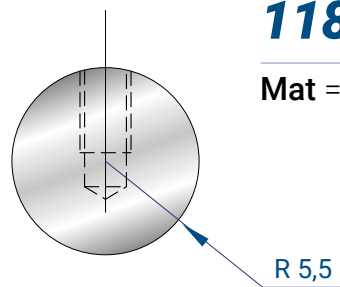
| | |
|--------|--------|
| 835 mm | 1,0 kg |
| 415 mm | 0,5 kg |



1185

Mat = C45

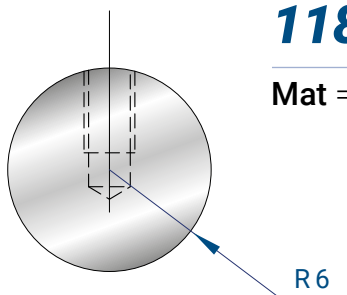
| | |
|--------|--------|
| 835 mm | 1,0 kg |
| 415 mm | 0,5 kg |



1186

Mat = C45

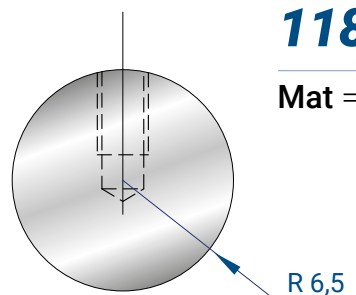
| | |
|--------|--------|
| 835 mm | 1,0 kg |
| 415 mm | 0,5 kg |



1187

Mat = C45

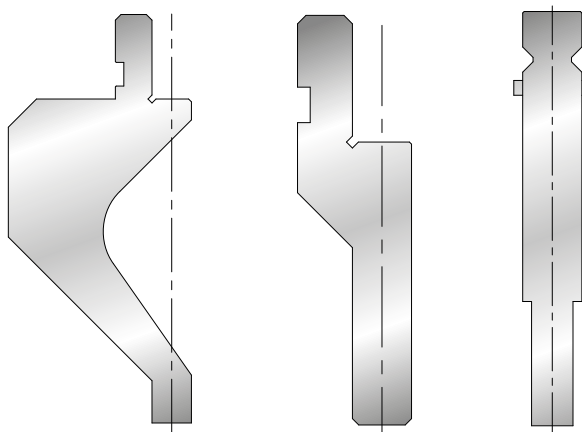
| | |
|--------|--------|
| 835 mm | 1,0 kg |
| 415 mm | 0,5 kg |



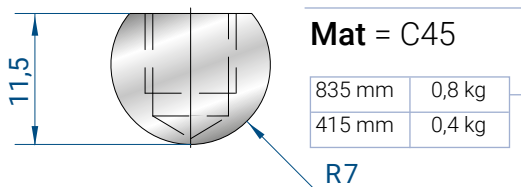
INSERTI RAGGIATI / RADIUS INSERTS

GAMMA SUPPORTI DISPONIBILI A PAG.
AVAILABLE RANGE OF HOLDERS ON PAG.

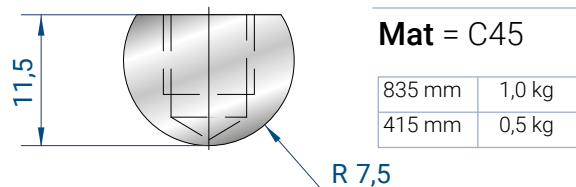
184; 185; 186



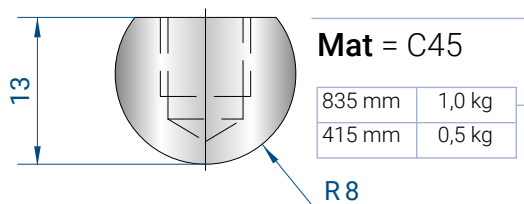
1100



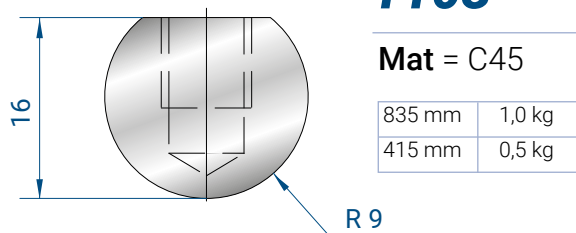
1101



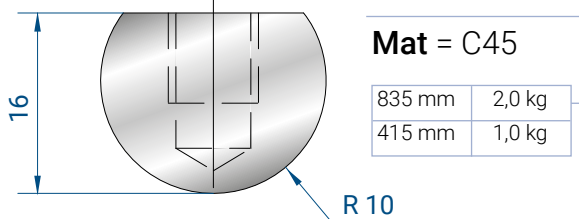
1102



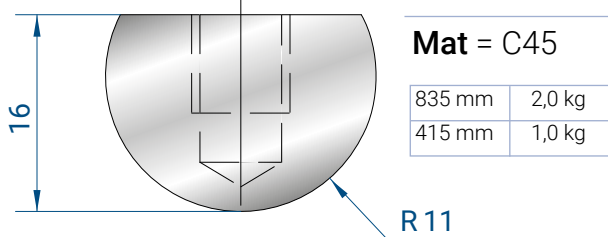
1103

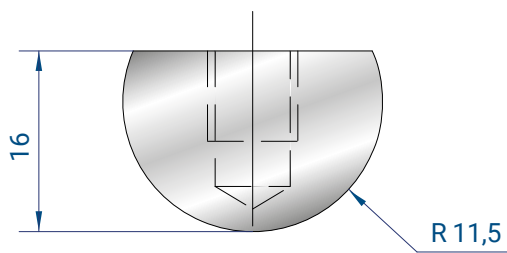


1037



1104

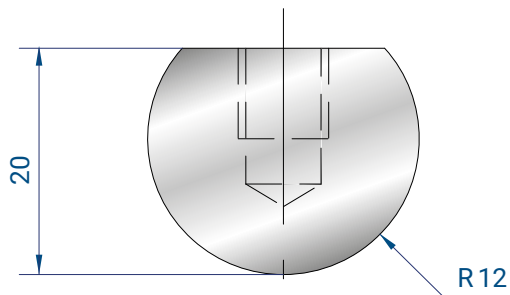




1105

Mat = C45

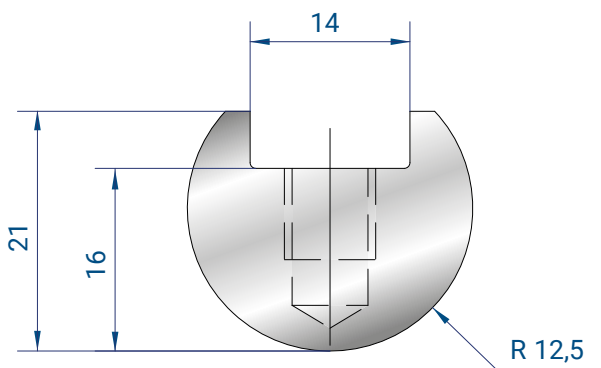
| | |
|--------|--------|
| 835 mm | 2,0 kg |
| 415 mm | 1,0 kg |



1106

Mat = C45

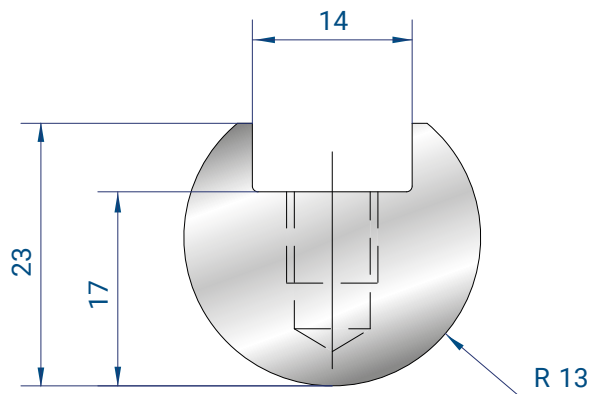
| | |
|--------|--------|
| 835 mm | 2,0 kg |
| 415 mm | 1,0 kg |



1107

Mat = C45

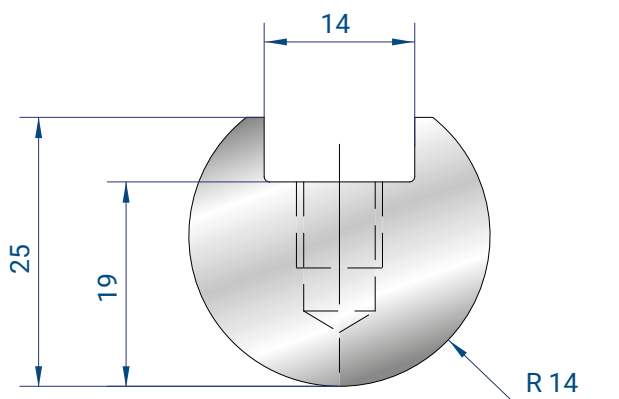
| | |
|--------|--------|
| 835 mm | 3,0 kg |
| 415 mm | 1,5 kg |



1108

Mat = C45

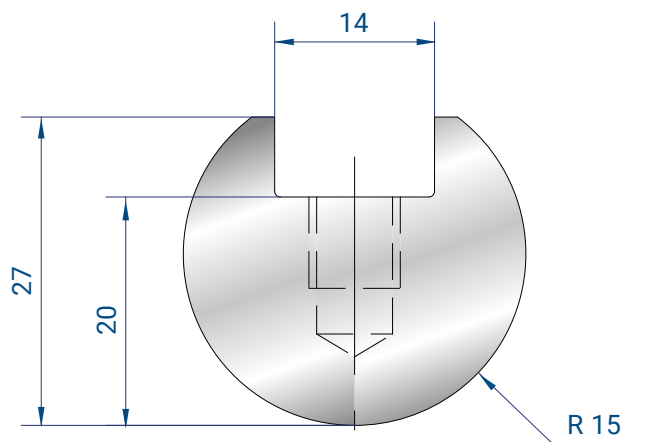
| | |
|--------|--------|
| 835 mm | 3,0 kg |
| 415 mm | 1,0 kg |



1109

Mat = C45

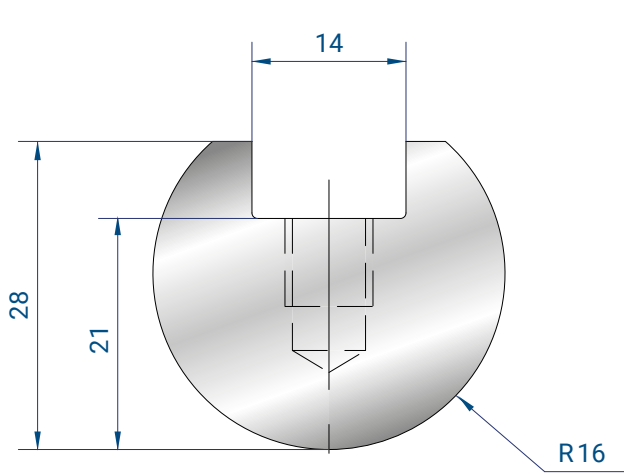
| | |
|--------|--------|
| 835 mm | 4,0 kg |
| 415 mm | 2,0 kg |



1038

Mat = C45

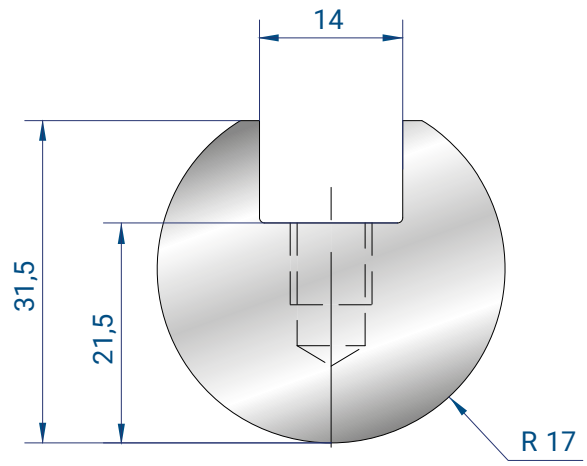
| | |
|--------|--------|
| 835 mm | 4,0 kg |
| 415 mm | 2,0 kg |



1110

Mat = C45

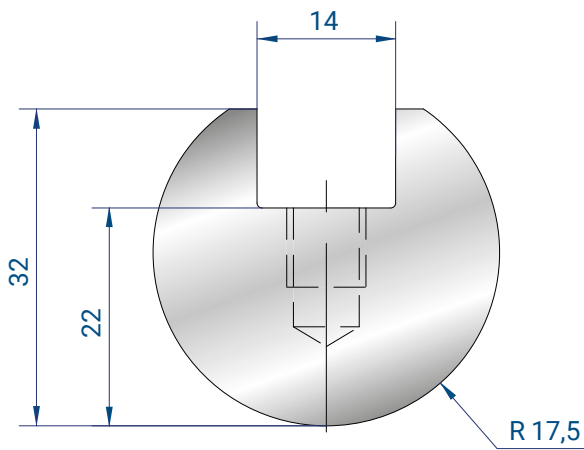
| | |
|--------|--------|
| 835 mm | 5,0 kg |
| 415 mm | 2,0 kg |



1111

Mat = C45

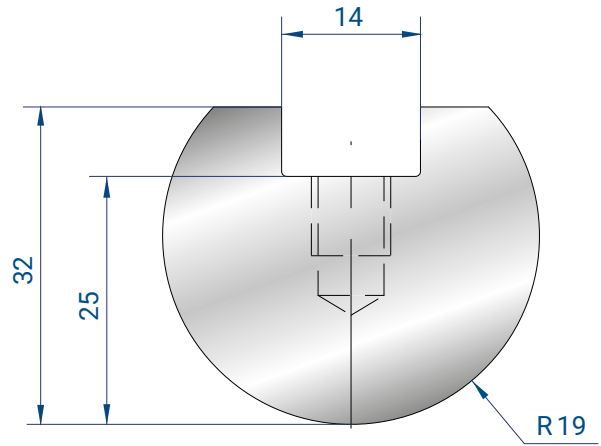
| | |
|--------|--------|
| 835 mm | 5,0 kg |
| 415 mm | 2,5 kg |



1039

Mat = C45

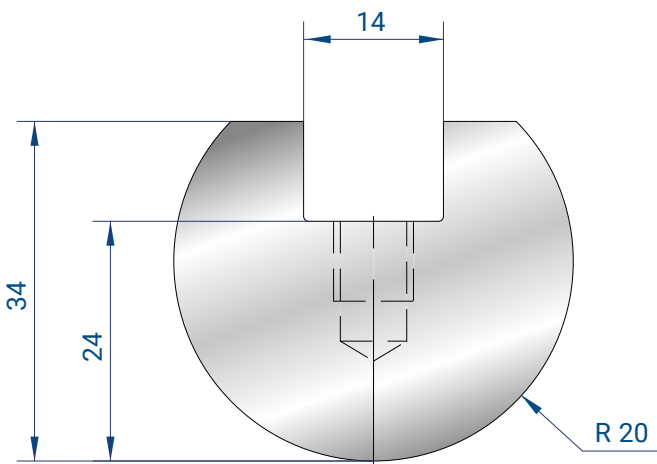
| | |
|--------|--------|
| 835 mm | 5,0 kg |
| 415 mm | 2,5 kg |



1112

Mat = C45

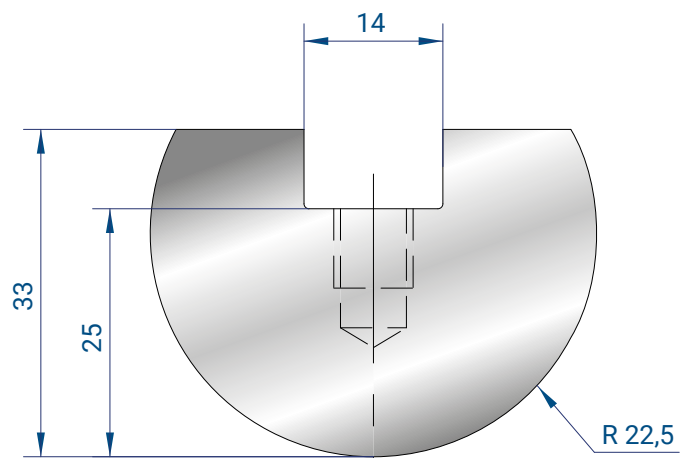
| | |
|--------|--------|
| 835 mm | 6,0 kg |
| 415 mm | 3,0 kg |



1040

Mat = C45

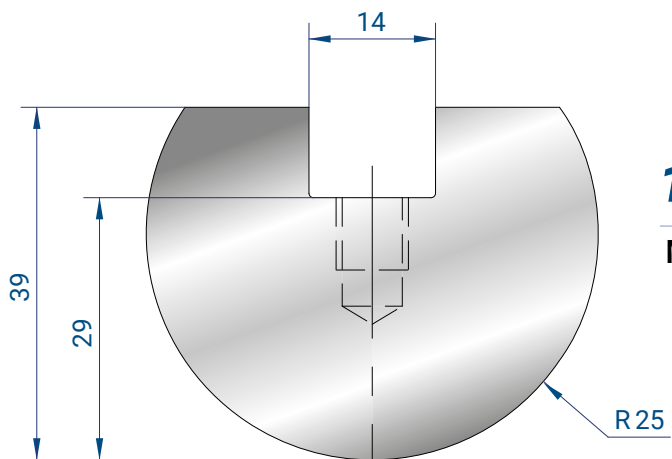
| | |
|--------|--------|
| 835 mm | 6,0 kg |
| 415 mm | 3,0 kg |



1113

Mat = C45

| | |
|--------|--------|
| 835 mm | 8,0 kg |
| 415 mm | 4,0 kg |



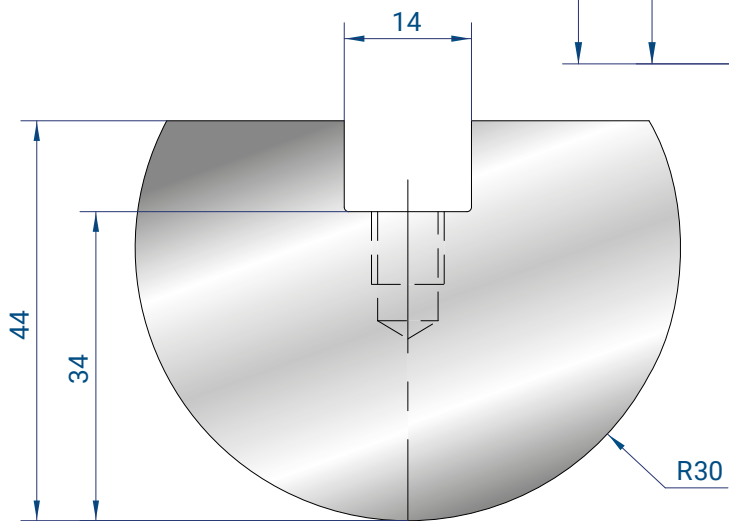
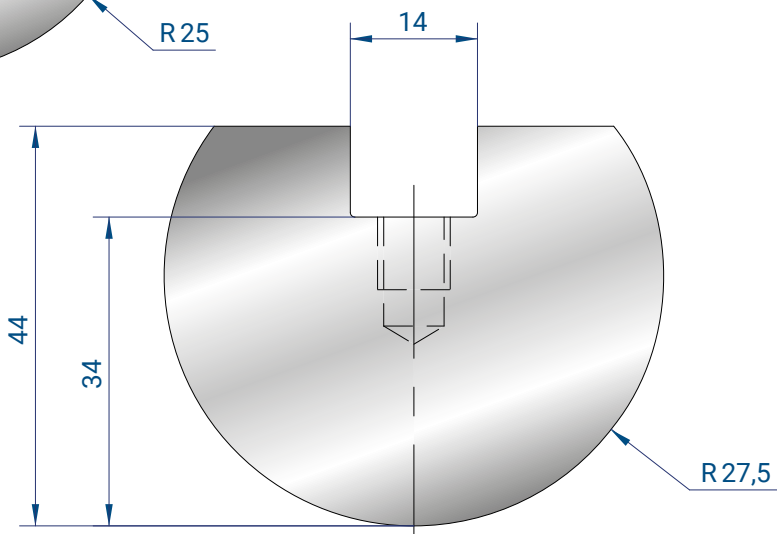
1041

Mat = C45

| | |
|--------|--------|
| 835 mm | 9,0 kg |
| 415 mm | 4,0 kg |

1114
Mat = C45

| | |
|--------|---------|
| 835 mm | 12,0 kg |
| 415 mm | 6,0 kg |



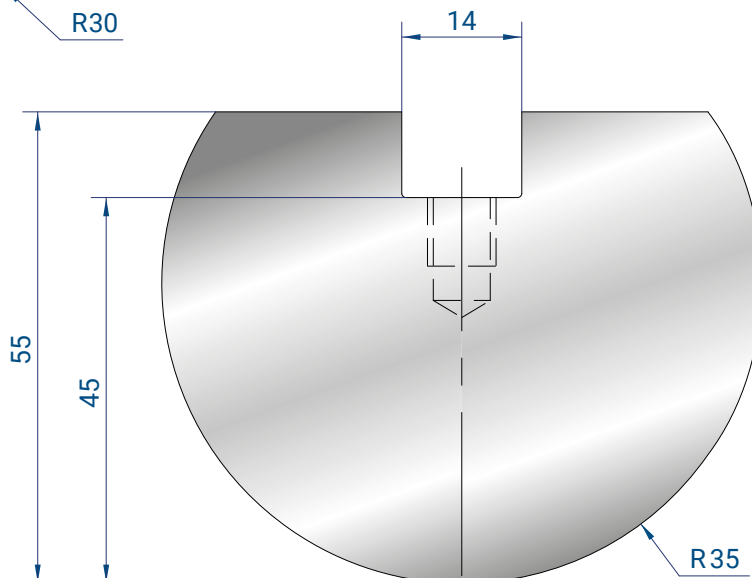
1042

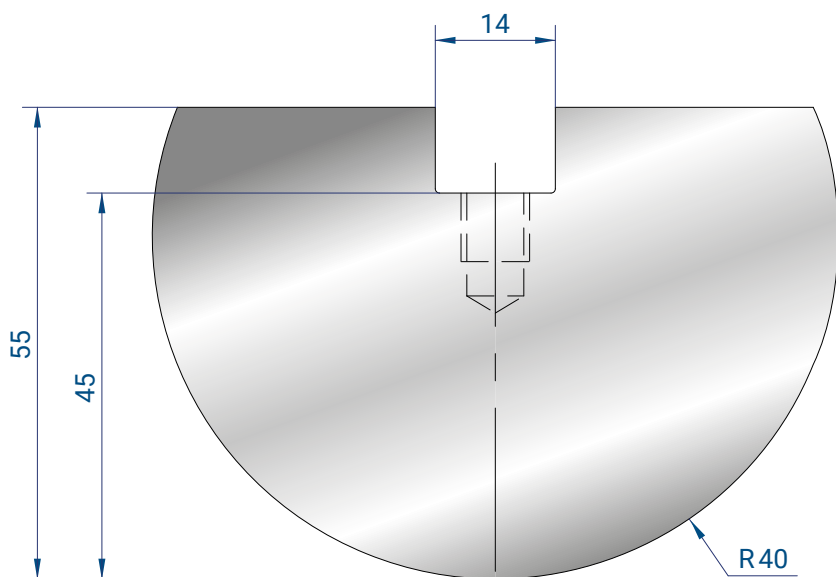
Mat = C45

| | |
|--------|---------|
| 835 mm | 13,0 kg |
| 415 mm | 6,0 kg |

1115
Mat = C45

| | |
|--------|---------|
| 835 mm | 21,0 kg |
| 415 mm | 10,0 kg |





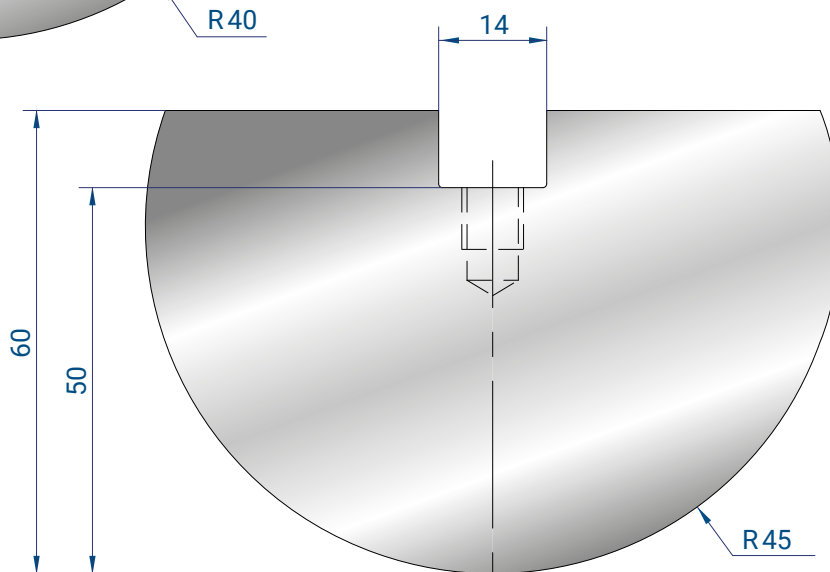
1116

Mat = C45

| | |
|--------|---------|
| 835 mm | 24,0 kg |
| 415 mm | 12,0 kg |

1117
Mat = C45

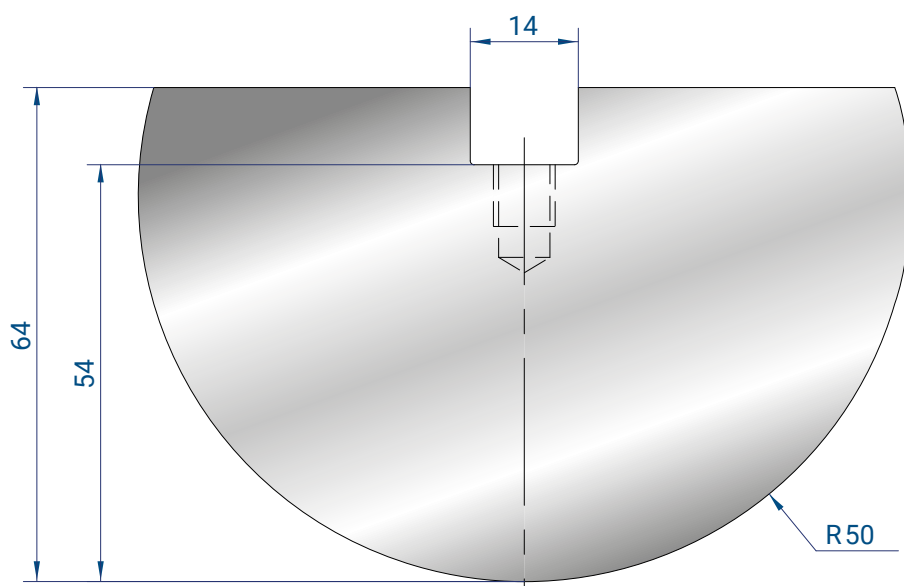
| | |
|--------|---------|
| 835 mm | 29,0 kg |
| 415 mm | 14,0 kg |



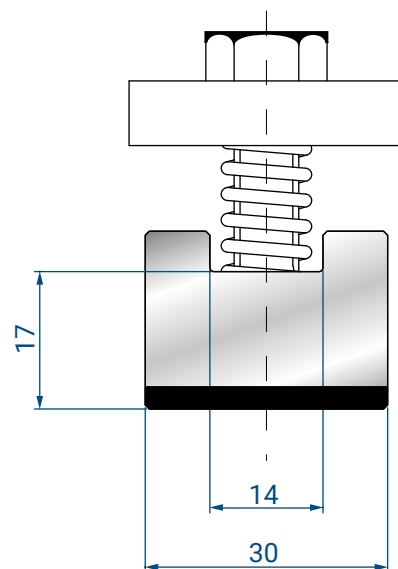
1118

Mat = C45

| | |
|--------|---------|
| 835 mm | 34,0 kg |
| 415 mm | 17,0 kg |



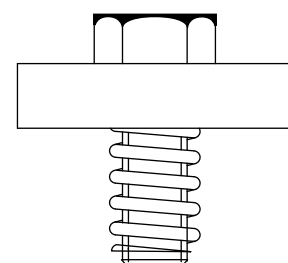
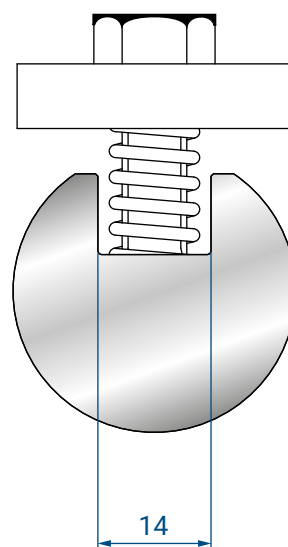
INSERTI QUADRI E ACCESSORI
FLATTENING INSERTS AND ACCESSORIES



1043

Mat = C45

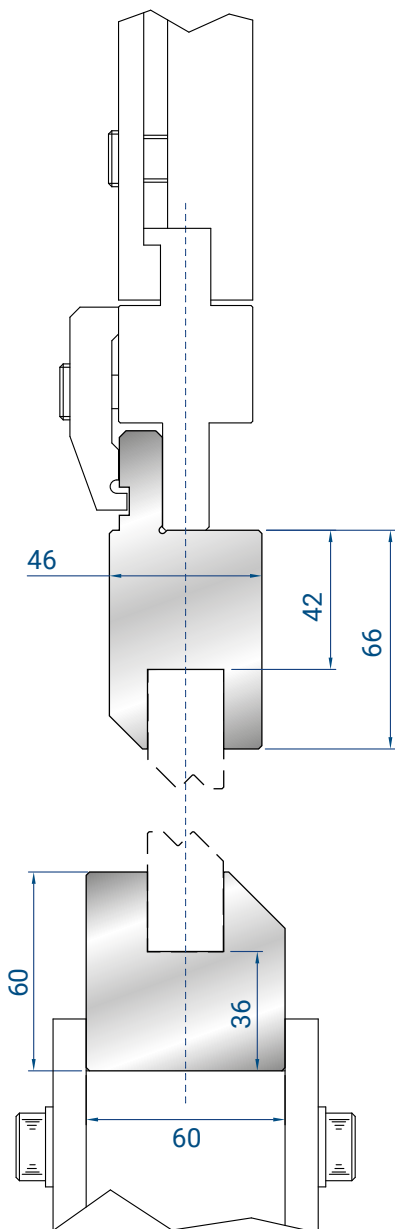
| | |
|--------|--------|
| 835 mm | 3,0 kg |
| 415 mm | 1,0 kg |



1074

Mat = C45

MOLLA + VITE + PIASTRINA
SPRING + SCREW + PLATE

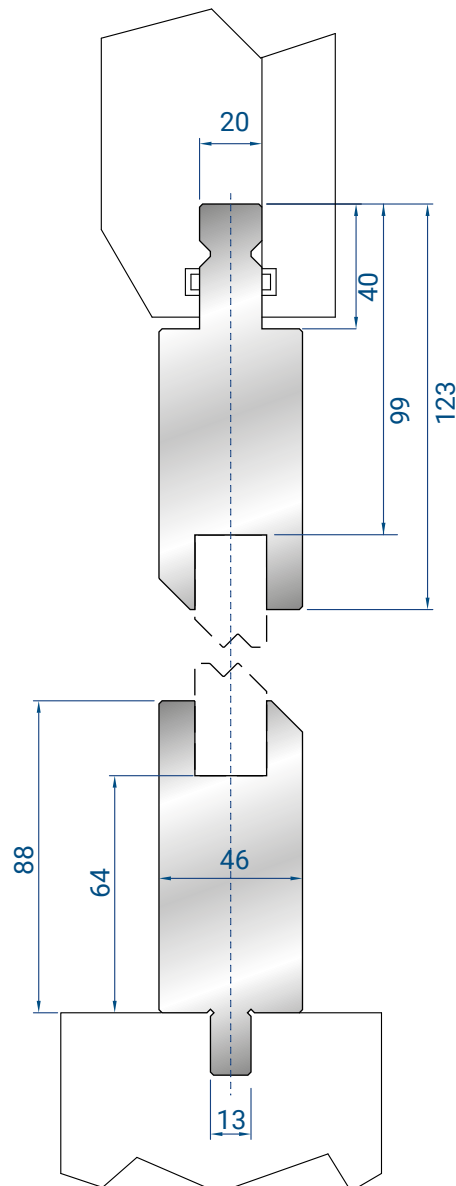


1150

AMADA /
PROMECAM
STYLE

Mat = C45

| | |
|--------|---------|
| 835 mm | 38,0 kg |
| 415 mm | 19,0 kg |

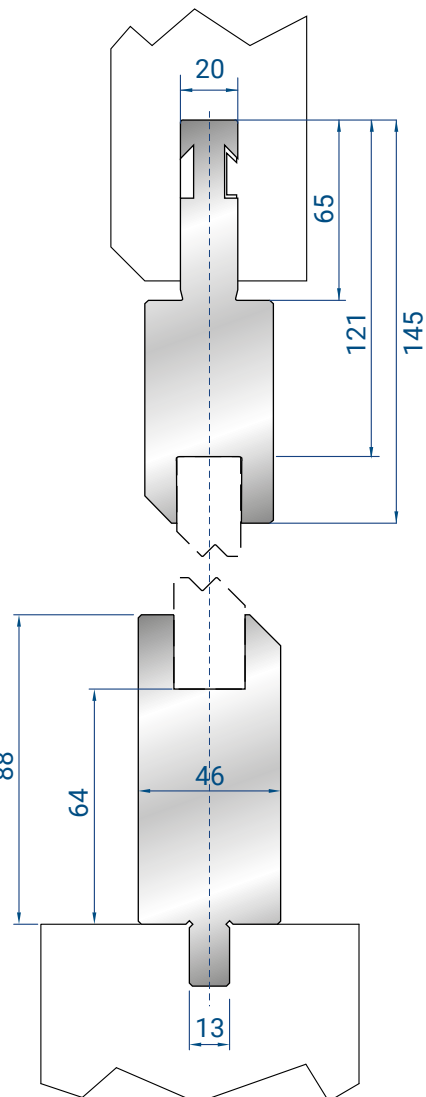


1242

TRUMPF /WILA
STYLE

Mat = C45

| | |
|--------|---------|
| 835 mm | 50,0 kg |
| 415 mm | 25,0 kg |



1198

BYSTRONIC
STYLE

Mat = C45

| | |
|--------|---------|
| 835 mm | 51,7 kg |
| 415 mm | 25,7 kg |

ATTACCO RF-A INCLUSO
SU RICHIESTA
RF-A TANG INCLUDED
ON DEMAND

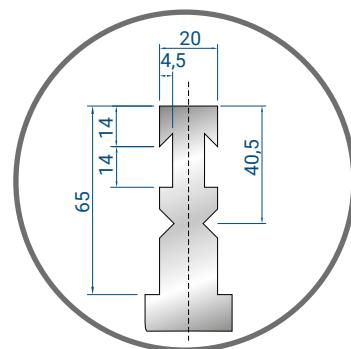
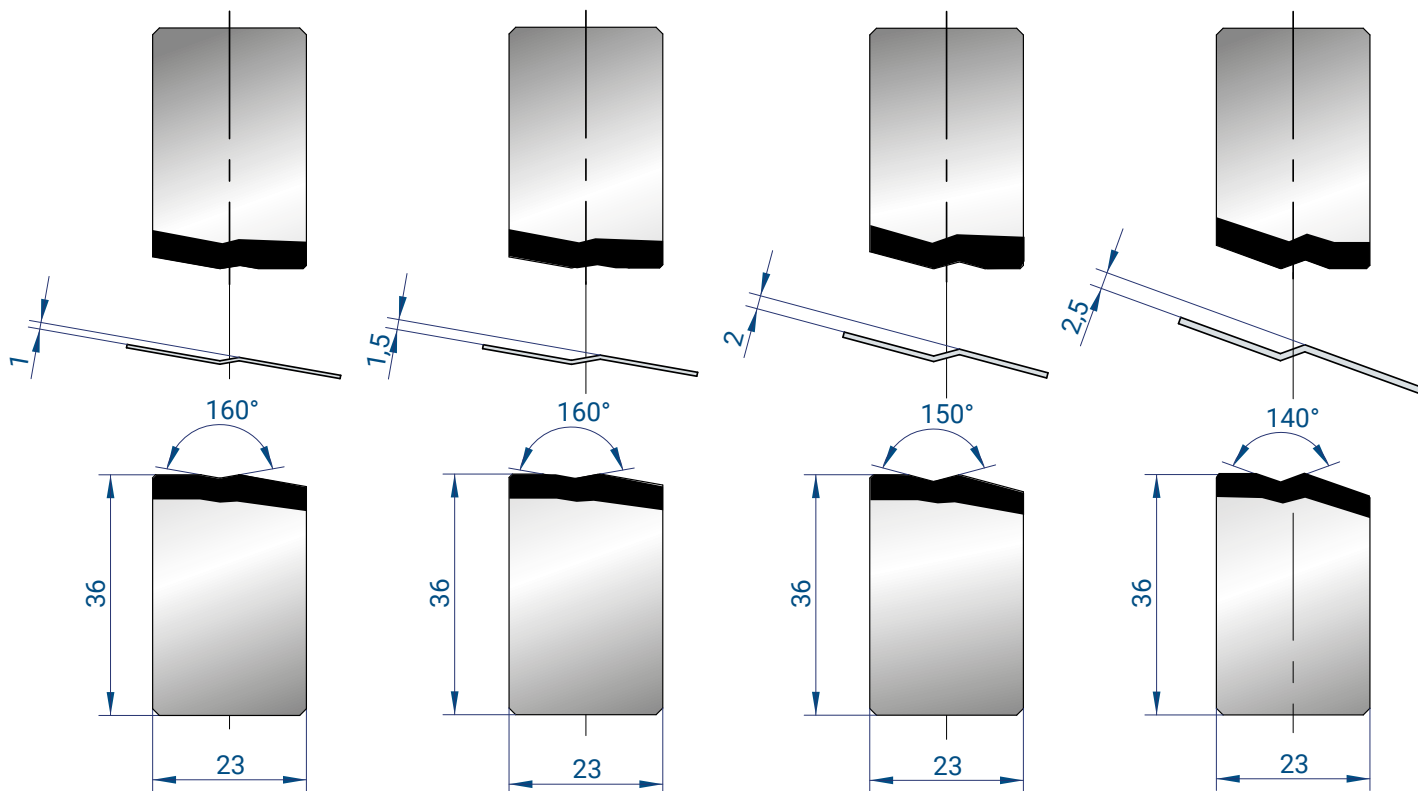


TABELLA INSERTI A Z / OFFSET TOOL HOLDERS

| CODE | Z | GRADI DEGREES | SPESSORE MAX. LAMIERA MAX SHEET THICKNESS |
|------|-----|------------------|--|
| 1130 | 1 | 160° | 0,5 mm |
| 1276 | 1 | 90° | 0,5 mm |
| 1131 | 1,5 | 160° | 0,6 mm |
| 1277 | 1,5 | 90° | 0,6 mm |
| 1132 | 2 | 150° | 0,8 mm |
| 1274 | 2 | 90° | 0,8 mm |
| 1133 | 2,5 | 140° | 1,0 mm |
| 1275 | 2,5 | 90° | 1,0 mm |
| 1134 | 3 | 90° | 1,0 mm |
| 1135 | 3,5 | 90° | 1,2 mm |
| 1136 | 4 | 90° | 1,2 mm |
| 1137 | 4,5 | 90° | 1,5 mm |
| 1138 | 5 | 90° | 1,5 mm |
| 1139 | 5,5 | 90° | 1,5 mm |
| 1140 | 6 | 90° | 1,5 mm |
| 1141 | 6,5 | 90° | 1,5 mm |
| 1142 | 7 | 90° | 2,0 mm |
| 1143 | 7,5 | 90° | 2,0 mm |
| 1144 | 8 | 90° | 2,5 mm |
| 1145 | 9 | 90° | 2,5 mm |
| 1146 | 10 | 90° | 3,0 mm |
| 1147 | 11 | 90° | 3,0 mm |
| 1148 | 12 | 90° | 3,0 mm |
| 1278 | 13 | 90° | 3,0 mm |
| 1279 | 14 | 90° | 3,0 mm |
| 1280 | 15 | 90° | 3,0 mm |



INSERTI A Z - 140° - 150° - 160°
 OFFSET TOOL - 140° - 150° - 160°



1130

160°
 Mat = C45

| | |
|--------|---------|
| 835 mm | 10,0 kg |
| 415 mm | 5,0 kg |

1131

160°
 Mat = C45

| | |
|--------|---------|
| 835 mm | 10,0 kg |
| 415 mm | 5,0 kg |

1132

150°
 Mat = C45

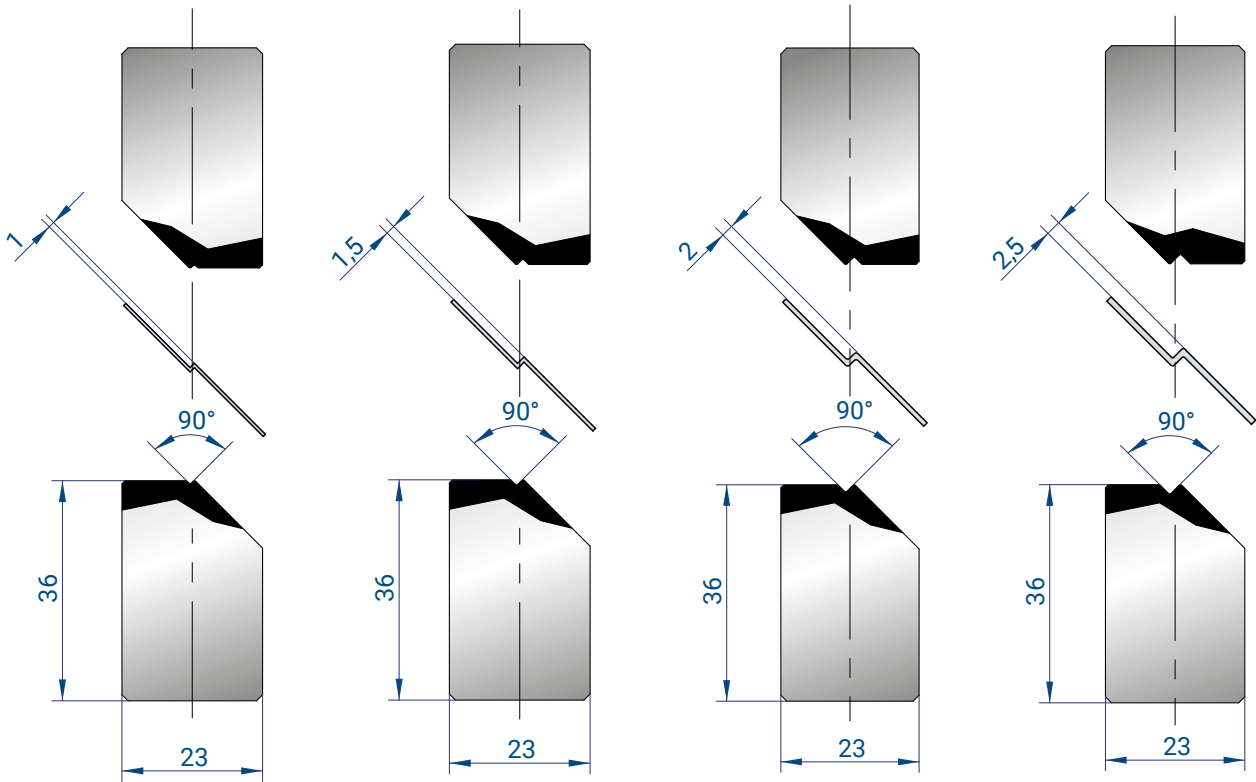
| | |
|--------|---------|
| 835 mm | 10,0 kg |
| 415 mm | 5,0 kg |

1133

140°
 Mat = C45

| | |
|--------|---------|
| 835 mm | 10,0 kg |
| 415 mm | 5,0 kg |

PER VERIFICARE LA FATTIBILITÀ DELLA PIEGA IN BASE ALLO SPESSORE LAMIERA, VEDI TABELLA PAGINA 196
 TO CHOOSE THE RIGHT JOOGLE TOOL BASED ON THE SHEET THICKNESS, PLEASE SEE THE CHART ON PAGE 196



1276

90°
Mat = C45

| | |
|--------|---------|
| 835 mm | 10,0 kg |
| 415 mm | 5,0 kg |

1277

90°
Mat = C45

| | |
|--------|---------|
| 835 mm | 10,0 kg |
| 415 mm | 5,0 kg |

1274

90°
Mat = C45

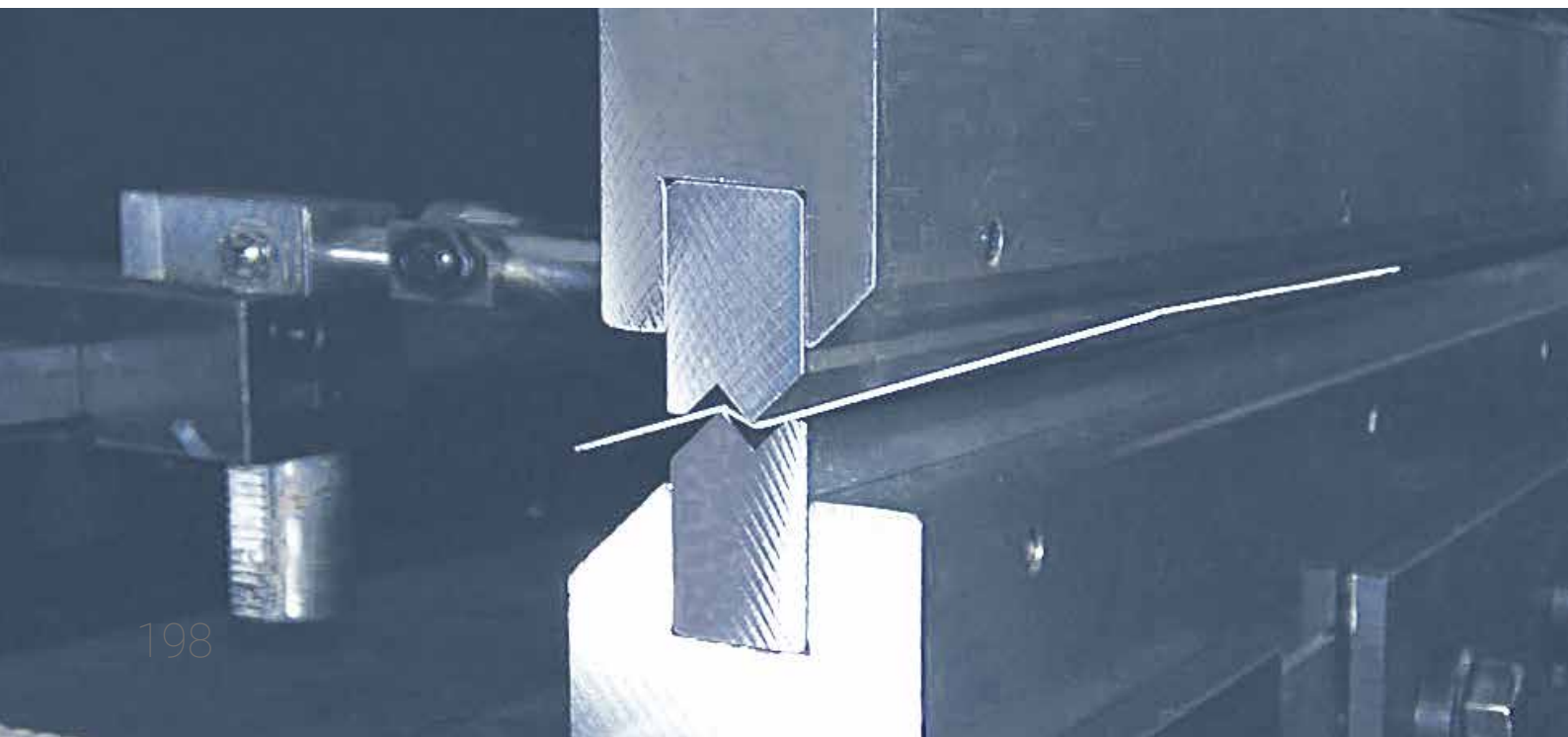
| | |
|--------|---------|
| 835 mm | 10,0 kg |
| 415 mm | 5,0 kg |

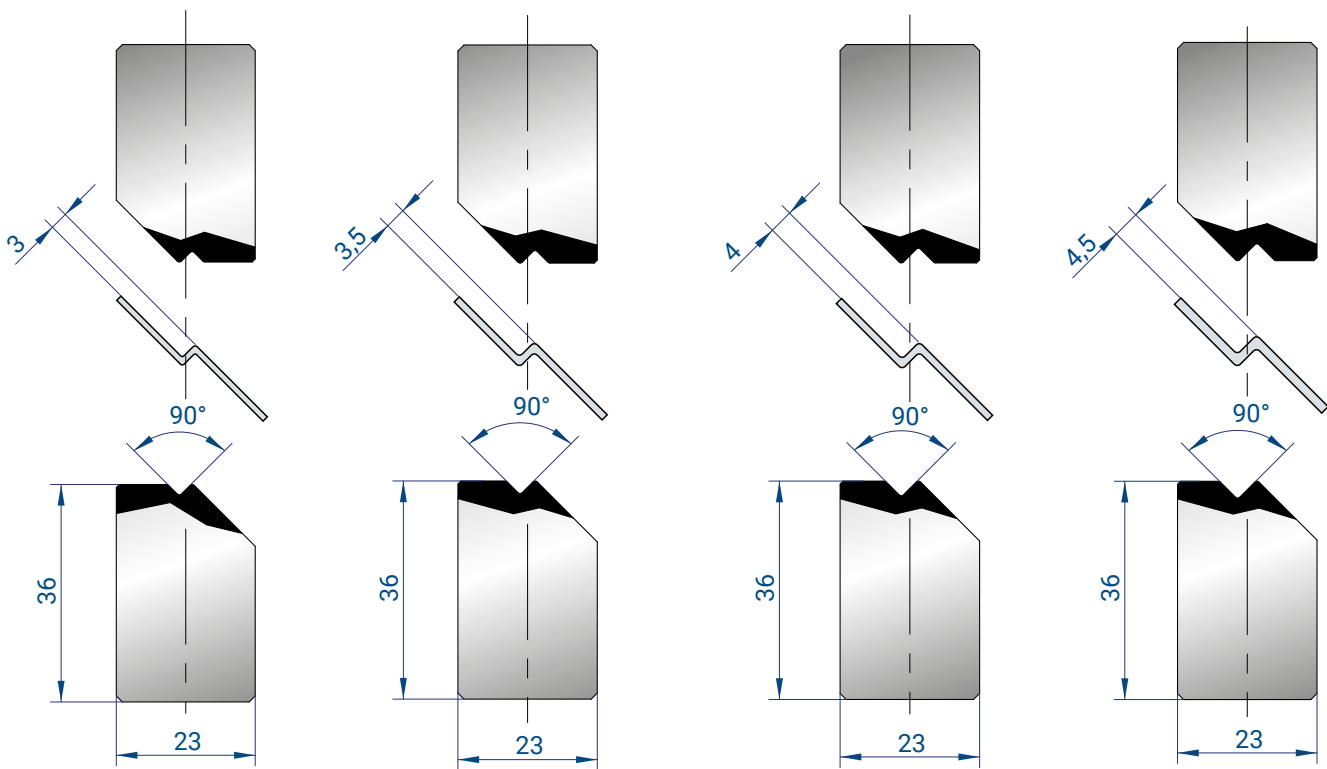
1275

90°
Mat = C45

| | |
|--------|---------|
| 835 mm | 10,0 kg |
| 415 mm | 5,0 kg |

PER VERIFICARE LA FATTIBILITÀ DELLA PIEGA IN BASE ALLO SPESSORE LAMIERA, VEDI TABELLA PAGINA 196
TO CHOOSE THE RIGHT JOOGLE TOOL BASED ON THE SHEET THICKNESS, PLEASE SEE THE CHART ON PAGE 196





1134

90°
Mat = C45

| | |
|--------|---------|
| 835 mm | 10,0 kg |
| 415 mm | 5,0 kg |

1135

90°
Mat = C45

| | |
|--------|---------|
| 835 mm | 10,0 kg |
| 415 mm | 5,0 kg |

1136

90°
Mat = C45

| | |
|--------|---------|
| 835 mm | 10,0 kg |
| 415 mm | 5,0 kg |

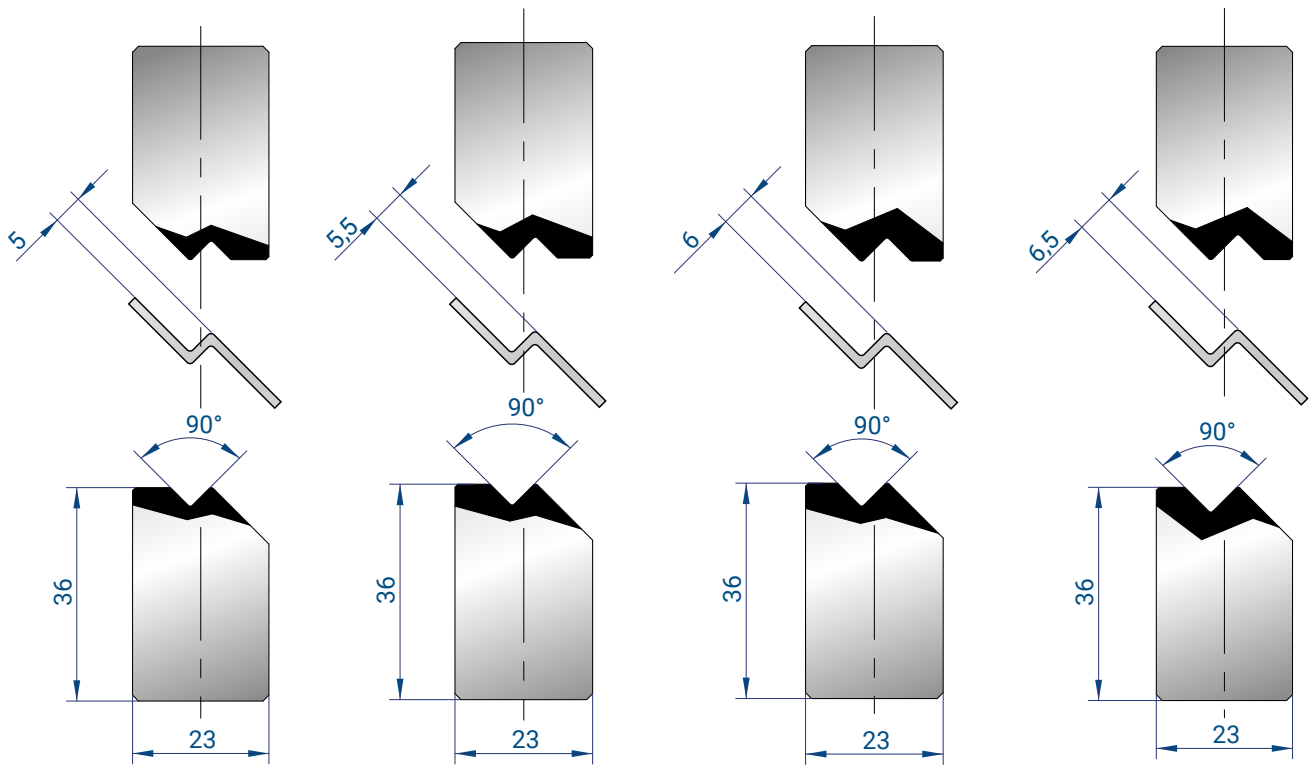
1137

90°
Mat = C45

| | |
|--------|---------|
| 835 mm | 10,0 kg |
| 415 mm | 5,0 kg |

PER VERIFICARE LA FATTIBILITÀ DELLA PIEGA IN BASE ALLO SPESSORE LAMIERA, VEDI TABELLA PAGINA 196
TO CHOOSE THE RIGHT JOOGLE TOOL BASED ON THE SHEET THICKNESS, PLEASE SEE THE CHART ON PAGE 196





1138

90°
Mat = C45

| | |
|--------|---------|
| 835 mm | 10,0 kg |
| 415 mm | 5,0 kg |

1139

90°
Mat = C45

| | |
|--------|---------|
| 835 mm | 10,0 kg |
| 415 mm | 5,0 kg |

1140

90°
Mat = C45

| | |
|--------|---------|
| 835 mm | 10,0 kg |
| 415 mm | 5,0 kg |

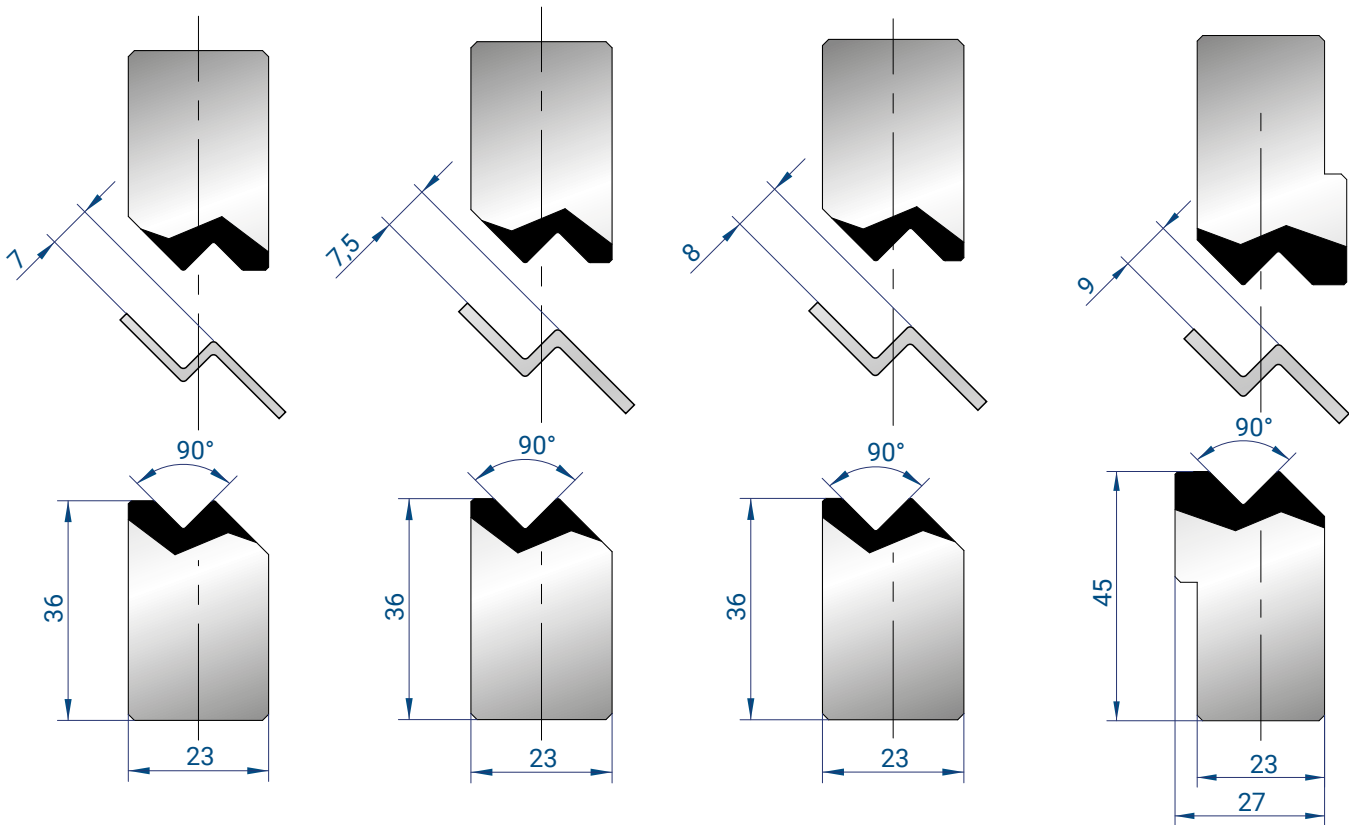
1141

90°
Mat = C45

| | |
|--------|---------|
| 835 mm | 10,0 kg |
| 415 mm | 5,0 kg |

PER VERIFICARE LA FATTIBILITÀ DELLA PIEGA IN BASE ALLO SPESSORE LAMIERA, VEDI TABELLA PAGINA 196
TO CHOOSE THE RIGHT JOOGLE TOOL BASED ON THE SHEET THICKNESS, PLEASE SEE THE CHART ON PAGE 196





1142

90°
Mat = C45

| | |
|--------|---------|
| 835 mm | 10,0 kg |
| 415 mm | 5,0 kg |

1143

90°
Mat = C45

| | |
|--------|---------|
| 835 mm | 10,0 kg |
| 415 mm | 5,0 kg |

1144

90°
Mat = C45

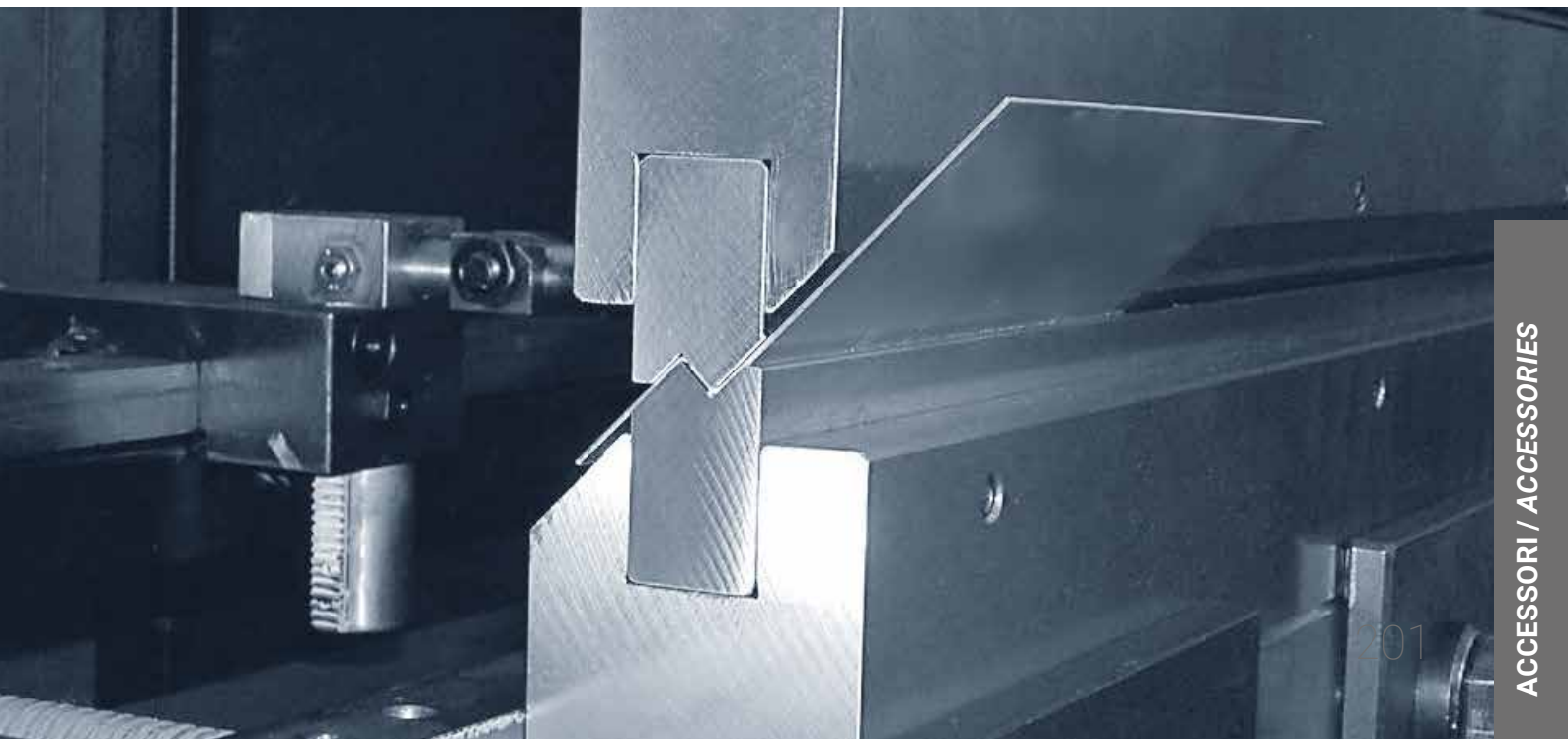
| | |
|--------|---------|
| 835 mm | 10,0 kg |
| 415 mm | 5,0 kg |

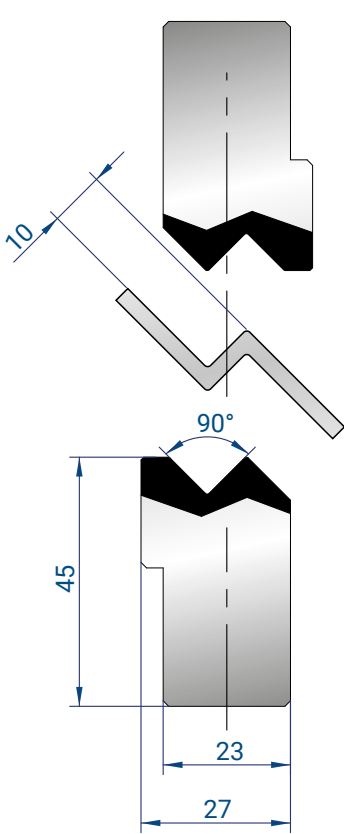
1145

90°
Mat = C45

| | |
|--------|---------|
| 835 mm | 10,0 kg |
| 415 mm | 5,0 kg |

PER VERIFICARE LA FATTIBILITÀ DELLA PIEGA IN BASE ALLO SPESSORE LAMIERA, VEDI TABELLA PAGINA 196
TO CHOOSE THE RIGHT JOOGLE TOOL BASED ON THE SHEET THICKNESS, PLEASE SEE THE CHART ON PAGE 196

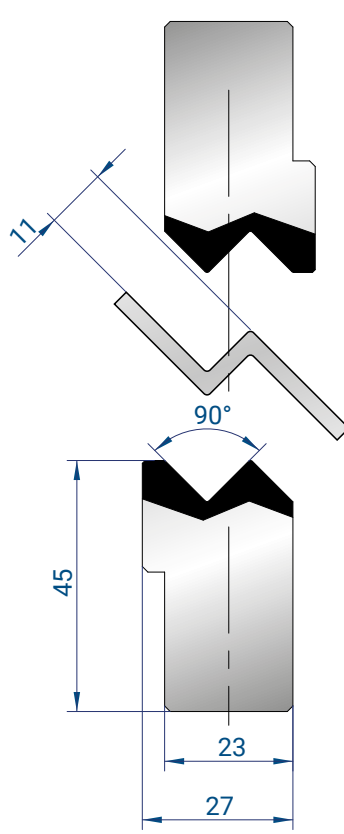




1146

90°
Mat = C45

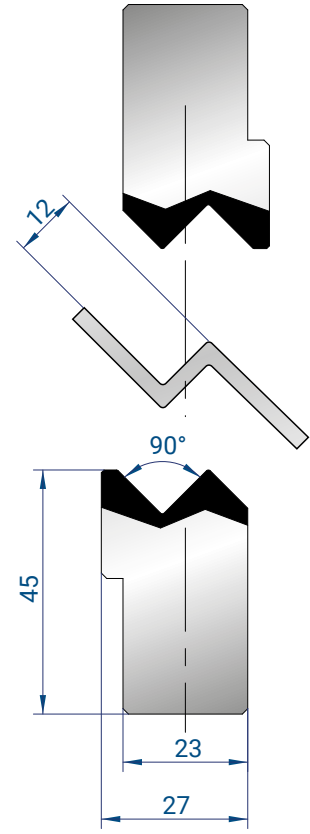
| | |
|--------|---------|
| 835 mm | 11,0 kg |
| 415 mm | 6,0 kg |



1147

90°
Mat = C45

| | |
|--------|---------|
| 835 mm | 11,0 kg |
| 415 mm | 6,0 kg |

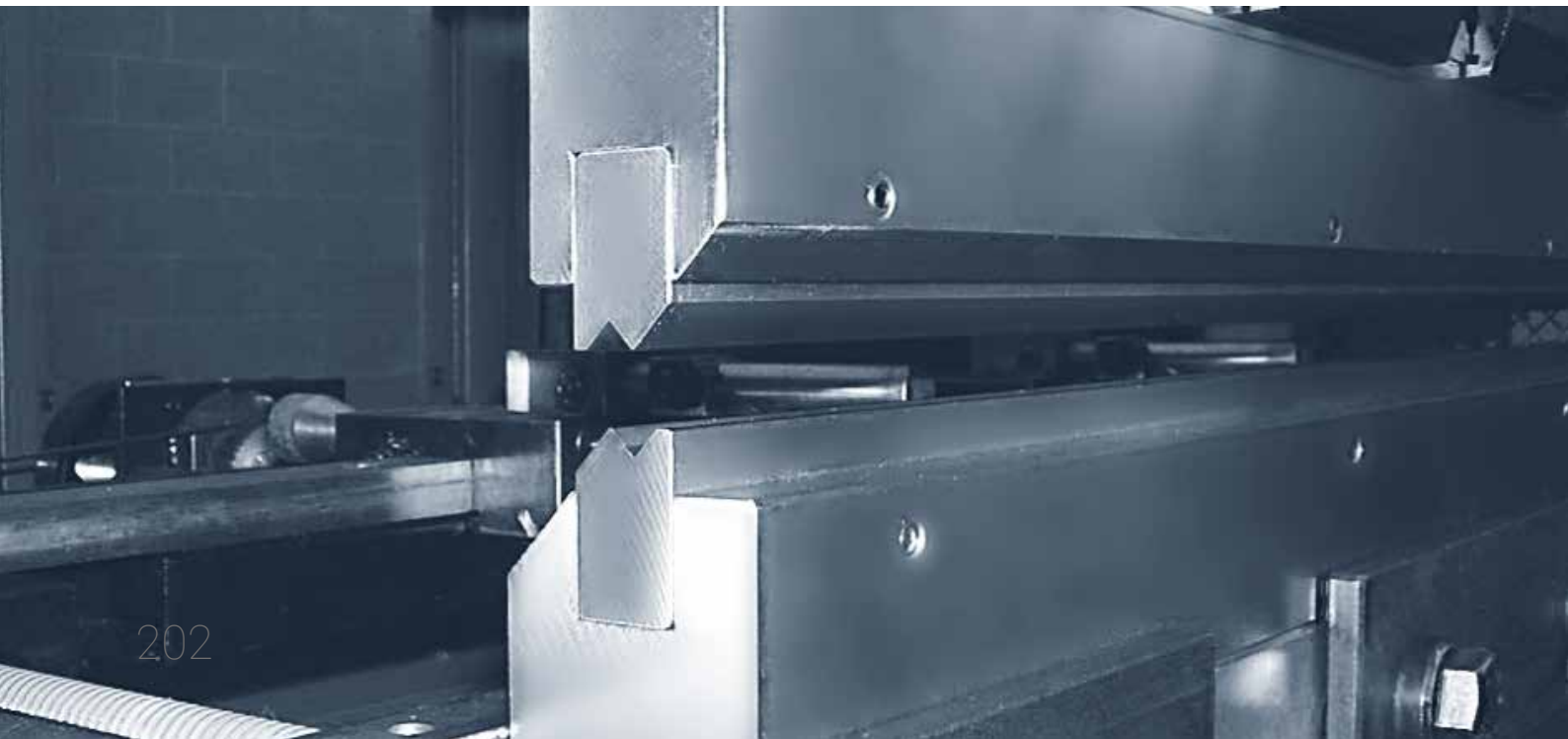


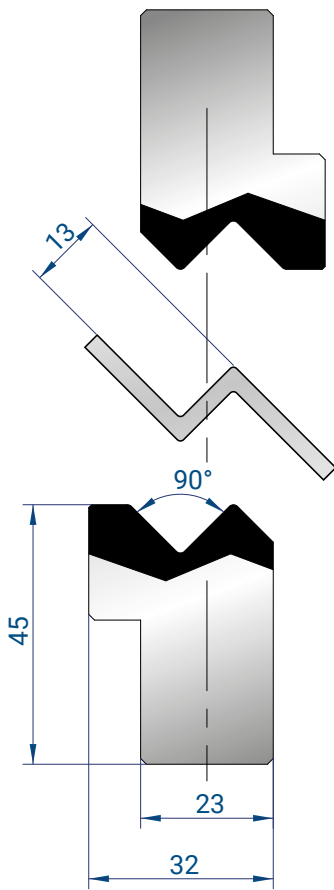
1148

90°
Mat = C45

| | |
|--------|---------|
| 835 mm | 11,0 kg |
| 415 mm | 6,0 kg |

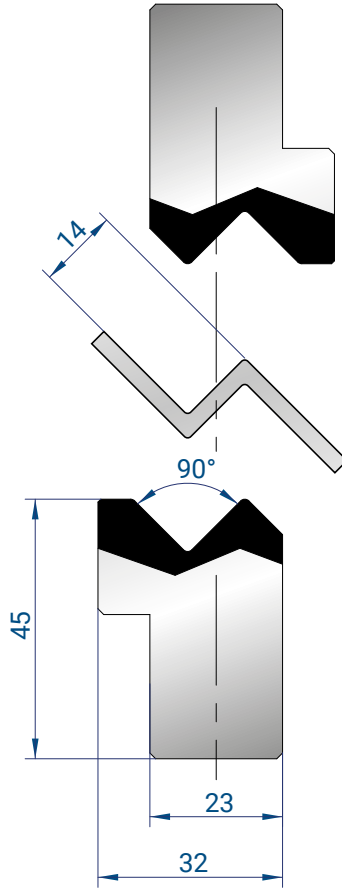
PER VERIFICARE LA FATTIBILITÀ DELLA PIEGA IN BASE ALLO SPESSORE LAMIERA, VEDI TABELLA PAGINA 196
TO CHOOSE THE RIGHT JOOGLE TOOL BASED ON THE SHEET THICKNESS, PLEASE SEE THE CHART ON PAGE 196





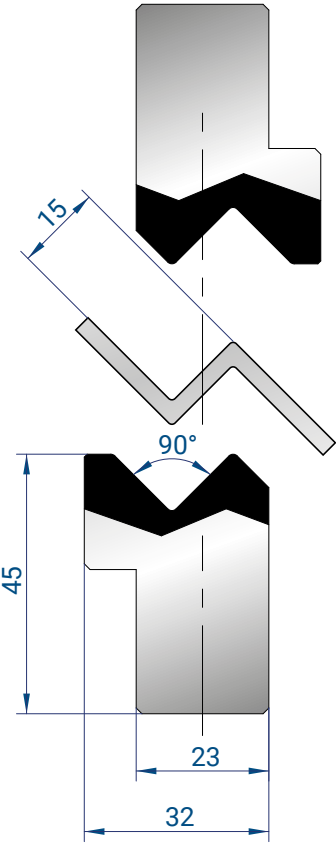
1278

| | |
|-----------|---------|
| 90° | |
| Mat = C45 | |
| 835 mm | 12,0 kg |
| 415 mm | 6,0 kg |



1279

| | |
|-----------|---------|
| 90° | |
| Mat = C45 | |
| 835 mm | 12,0 kg |
| 415 mm | 6,0 kg |

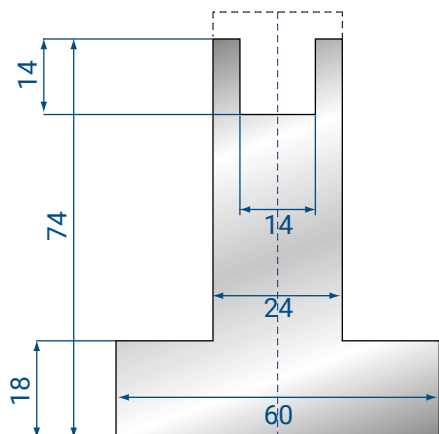


1280

| | |
|-----------|---------|
| 90° | |
| Mat = C45 | |
| 835 mm | 12,0 kg |
| 415 mm | 6,0 kg |

PER VERIFICARE LA FATTIBILITÀ DELLA PIEGA IN BASE ALLO SPESSORE LAMIERA, VEDI TABELLA PAGINA 196
 TO CHOOSE THE RIGHT JOOGLE TOOL BASED ON THE SHEET THICKNESS, PLEASE SEE THE CHART ON PAGE 196

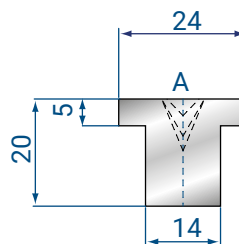




2109

AMADA STYLE

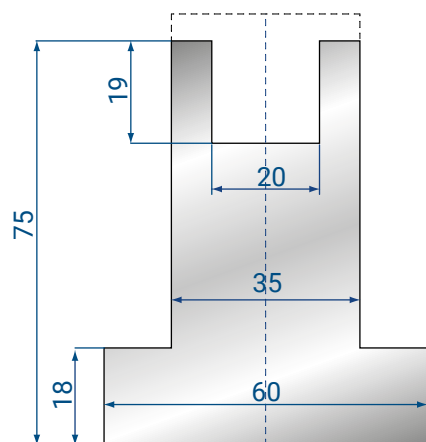
| | |
|--------|---------|
| 835 mm | 15,0 kg |
| 415 mm | 7,0 kg |



2112

| | |
|--------|--------|
| 835 mm | 0,3 kg |
| 415 mm | 0,2 kg |

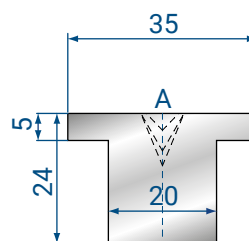
| A | V | | |
|-----|---|---|----|
| 88° | 6 | 8 | 10 |
| 60° | 6 | 8 | 10 |
| 45° | 6 | 8 | 10 |
| 30° | 6 | 8 | |



2110

AMADA STYLE

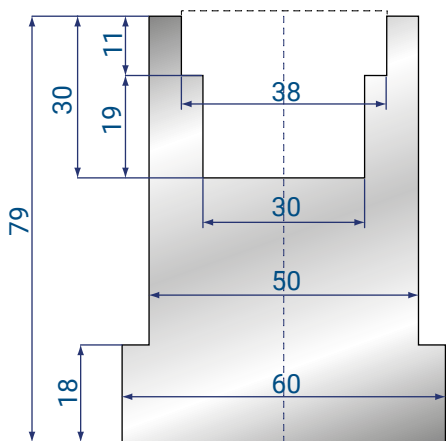
| | |
|--------|---------|
| 835 mm | 19,0 kg |
| 415 mm | 9,0 kg |



2113

| | |
|--------|--------|
| 835 mm | 0,4 kg |
| 415 mm | 0,2 kg |

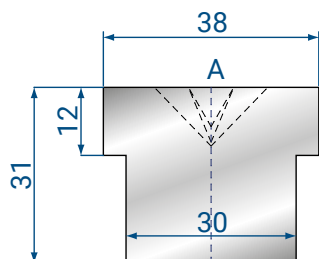
| A | V | | | | |
|-----|---|---|----|----|----|
| 88° | 6 | 8 | 10 | 12 | 16 |
| 60° | 6 | 8 | 10 | 12 | 16 |
| 45° | 6 | 8 | 10 | 12 | |
| 30° | 6 | 8 | 10 | | |



2111

AMADA STYLE

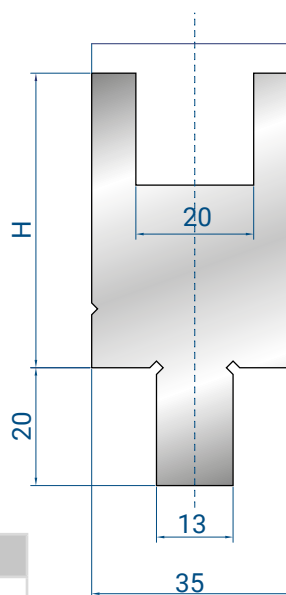
| | |
|--------|---------|
| 835 mm | 22,0 kg |
| 415 mm | 11,0 kg |



2114

| | |
|--------|--------|
| 835 mm | 0,4 kg |
| 415 mm | 0,2 kg |

| A | V | | | | | | | |
|-----|---|---|----|----|----|----|----|--|
| 88° | 6 | 8 | 10 | 12 | 16 | 20 | 25 | |
| 60° | 6 | 8 | 10 | 12 | 16 | 20 | | |
| 45° | 6 | 8 | 10 | 12 | 16 | 20 | | |
| 30° | 6 | 8 | 10 | 12 | 16 | | | |



2115

BYSTRONIC
 TRUMPF WILA
 STYLE

H = 50

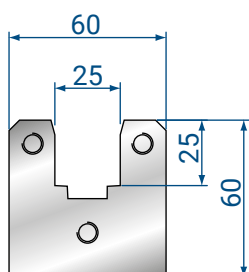
| | |
|--------|---------|
| 835 mm | 11,0 kg |
| 415 mm | 5,0 kg |

2116

BYSTRONIC
 TRUMPF WILA
 STYLE

H = 95

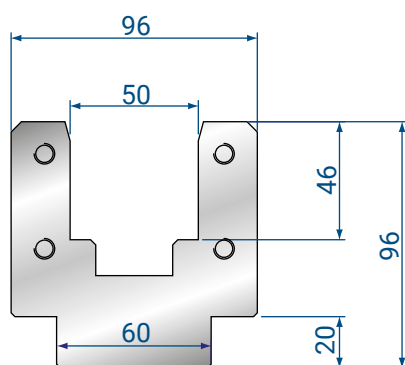
| | |
|--------|---------|
| 835 mm | 19,0 kg |
| 415 mm | 9,0 kg |



2036

AMADA STYLE

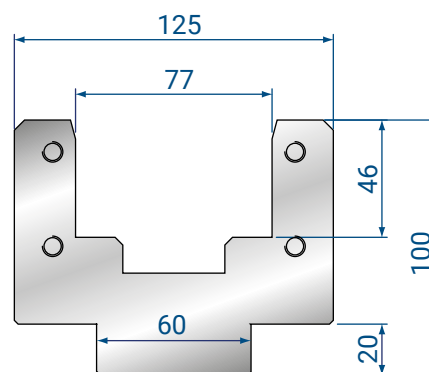
| | |
|--------|---------|
| 835 mm | 19,0 kg |
| 415 mm | 9,0 kg |



2037

AMADA STYLE

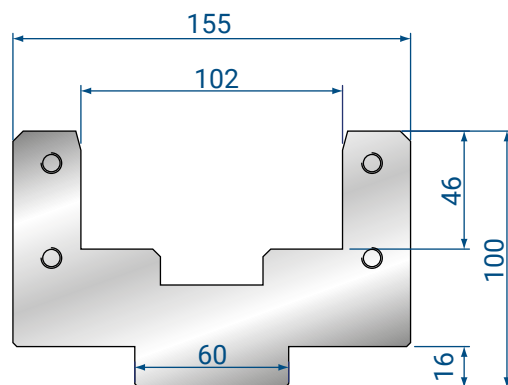
| | |
|--------|---------|
| 835 mm | 37,0 kg |
| 415 mm | 18,0 kg |



2038

AMADA STYLE

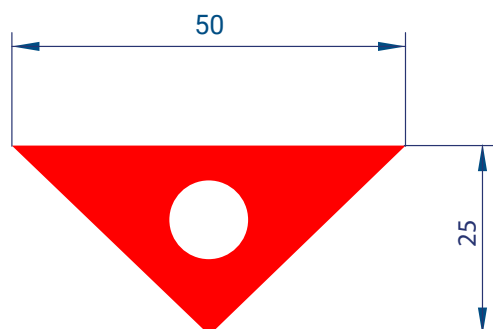
| | |
|--------|---------|
| 835 mm | 45,0 kg |
| 415 mm | 22,0 kg |



2040

AMADA STYLE

| | |
|--------|---------|
| 835 mm | 55,0 kg |
| 415 mm | 27,0 kg |

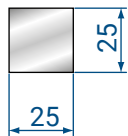


2119

Mat = Inserto in poliuretano triangolare forato/
Perforated triangular polyurethane insert
H = 25.00
v = 50.00

| | |
|--------|--------|
| 835 mm | 0,6 kg |
| 415 mm | 0,3 kg |

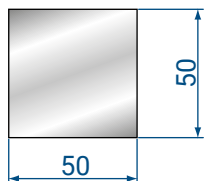
CONTENITORI E INSERTI IN POLIURETANO
POLYURETHANE INSERTS AND HOLDER



2101

92 SHORE

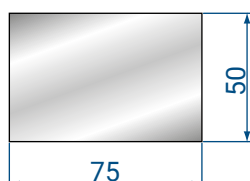
| | |
|--------|--------|
| 835 mm | 0,7 kg |
| 415 mm | 0,3 kg |



2102

92 SHORE

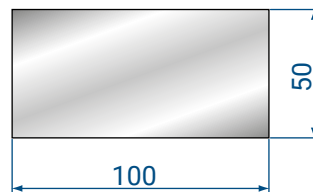
| | |
|--------|--------|
| 835 mm | 2,5 kg |
| 415 mm | 1,0 kg |



2103

92 SHORE

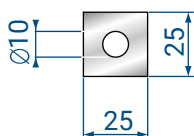
| | |
|--------|--------|
| 835 mm | 3,5 kg |
| 415 mm | 1,0 kg |



2104

92 SHORE

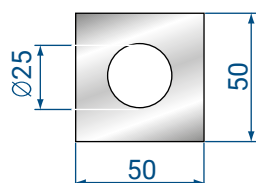
| | |
|--------|--------|
| 835 mm | 5,0 kg |
| 415 mm | 2,0 kg |



2105

92 SHORE

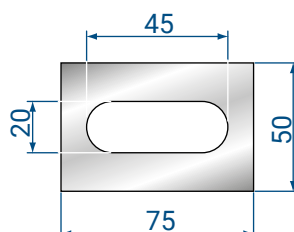
| | |
|--------|--------|
| 835 mm | 0,6 kg |
| 415 mm | 0,3 kg |



2106

92 SHORE

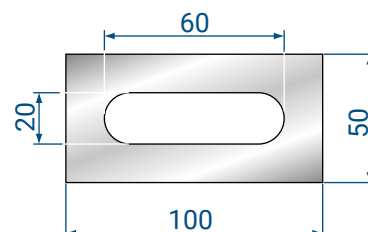
| | |
|--------|--------|
| 835 mm | 2,2 kg |
| 415 mm | 1,0 kg |



2107

92 SHORE

| | |
|--------|--------|
| 835 mm | 3,2 kg |
| 415 mm | 1,0 kg |



2108

92 SHORE

| | |
|--------|--------|
| 835 mm | 4,5 kg |
| 415 mm | 2,0 kg |



COMPLETO SISTEMA DI CONNESSIONE PER UTENSILI SUPERIORI STILE EUROPEO (STILE AMADA/PROMECAM) COMPLETE CLAMPING SYSTEM FOR EUROPEAN STYLE TOOLING (AMADA/PROMECAM STYLE)

PROCESSO DI SOSTITUZIONE UTENSILI CON SISTEMI TRADIZIONALI

Il sistema tradizionale prevede di installare gli utensili superiori tramite staffe di sicurezza avvitate agli intermediari connessi alla tavola superiore.

Il dente presente sulla staffa dell'intermediario lavora nella cava di sicurezza fresata sul punzone per impedirne la caduta accidentale, ma costringe ad inserire/estrarre ogni utensile dal lato macchina e a trascinarlo in posizione operativa.

Quando i punzoni sono posizionati correttamente è necessario pre-serrare le staffe, poi "chiudendo" la macchina, si sollevano e spingono gli utensili a contatto con gli intermediari per allinearli ottimamente.

Il tempo per eseguire questa operazione viene sottratto al tempo di piegatura e può assumere una importanza rilevante nel calcolo della produttività.

ACTUAL TOOLING REPLACEMENT PROCEDURE

The standard system requires to install the upper tooling through safety clamps screwed on the intermediates connected to the upper machine table.

The clamps safety tang engages into the safety groove machined on the punch front: this combination ensures the tools will not drop out of the clamp when opened to replace them. In order to remove or insert punch tooling, one has to slide the tools horizontally, along the machine length, to the left or right from/to its working position. Note the tools cannot be removed or inserted vertically with this safety feature.

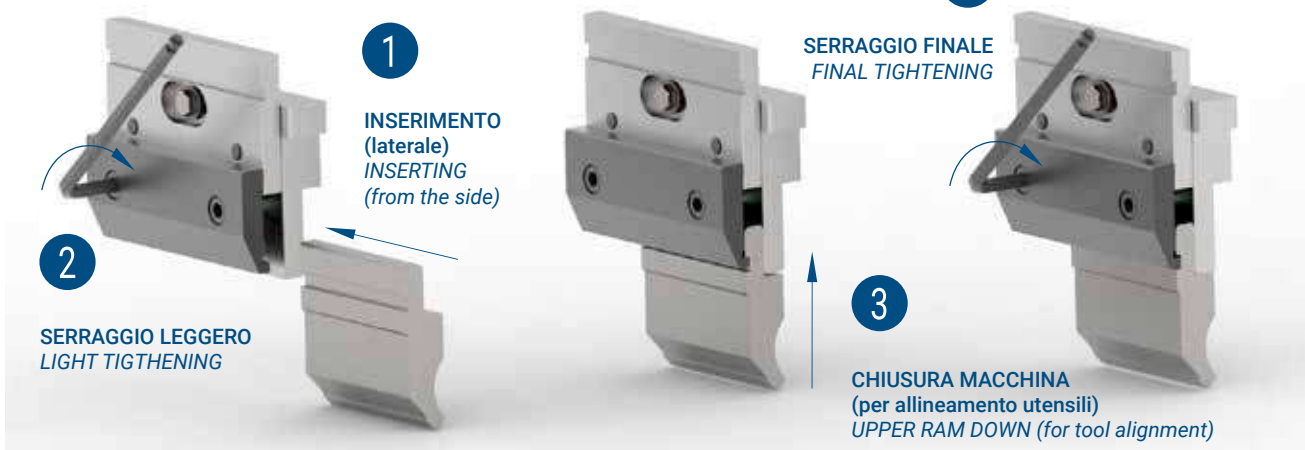
Once the new punches are correctly inserted it is necessary to follow the procedure below:

slightly tighten all the clamp screws,

lower the upper beam and push the tooling against their reference surface (bottom side of intermediate), this ensures alignment of the punch tooling,

finally, firmly tighten all the clamp screws

The average time required to perform the above operation is deducted from the fabrication time, the time taken can be of high importance and relevance when productivity output is a consideration.



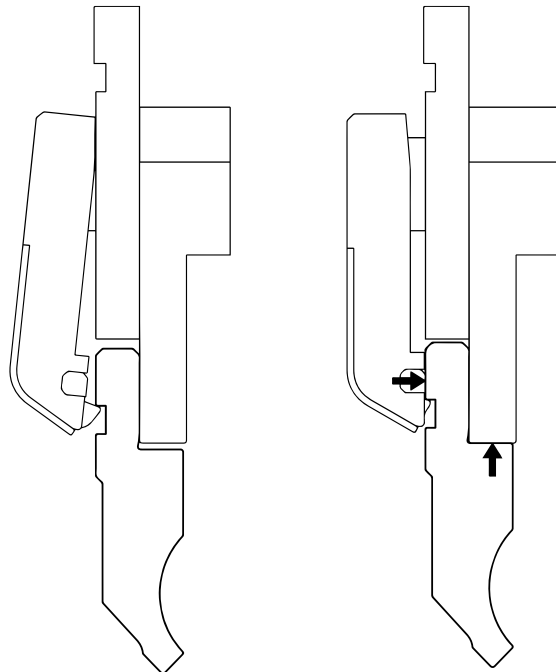
L'INNOVAZIONE EUROGRIP / THE EUROGRIP INNOVATION

La struttura meccanica della staffa Eurogrip è stata ingegnerizzata per consentire:

- l'inserimento/rimozione del punzone in senso verticale (anziché dal lato macchina) e, contemporaneamente, la garanzia del medesimo elevato livello di sicurezza.
- Il sollevamento del punzone durante la fase di chiusura per arrivare ad allinearli nel momento del bloccaggio finale

The main innovation is the Eurogrip clamp mechanical structure, engineered for allowing:

- the removal and insertion of punches in vertical direction (instead of sliding them left and right) and, at the same time, for granting the same high safety level.
- The punch lifting during the clamping phase, in order to achieve its right alignment when the clamp is locked.



IL RISPARMIO DI TEMPO / THE TIME SAVING

La tabella mostra i tempi medi necessari per ogni fase dell'operazione di rimozione e sostituzione utensili superiori su una piegatrice de 3 metri (15 intermediari); il suo scopo è la valutazione dei vantaggi offerti dal nuovo sistema.

Comparazione tempi stimati per ogni fase della sostituzione utensili superiori (piegatrice da 3 metri con 15 intermedi)

he table shows the average time required for each phase of any upper tooling removal and replacement operation on a 3-meter-long press brake (15 intermediates); its purpose is the evaluation of the advantages offered by the new system.

Comparison of estimated time required for each phase of an upper tooling replacement operation (press brake 3 meter long - 15 intermediates)

TEMPO RICHiesto CON SISTEMA EUROGRIP MANUALE

AVERAGE TIME REQUIRED WITH EUROGRIP MANUAL SYSTEM

circa 9,5 minuti
about 9,5 minutes

TEMPO RICHiesto CON SISTEMA EUROGRIP PNEUMATICO

AVERAGE TIME REQUIRED WITH EUROGRIP PNEUMATIC SYSTEM

circa 3,0 minuti (-70%)
about 3,0 minutes (-70%)

TEMPO RICHiesto CON SISTEMA TRADIZIONALE

AVERAGE TIME WITH STANDARD SYSTEM

circa 1,5 minuti (-85%)
about 1,5 minutes (-85%)

LA PERCENTUALE DI TEMPO NECESSARIO PER UNA SOLA OPERAZIONE DI CAMBIO UTENSILI RISPETTO A UN'ORA DI LAVORO EFFETTIVO COSTITUISCE, RISPETTIVAMENTE:

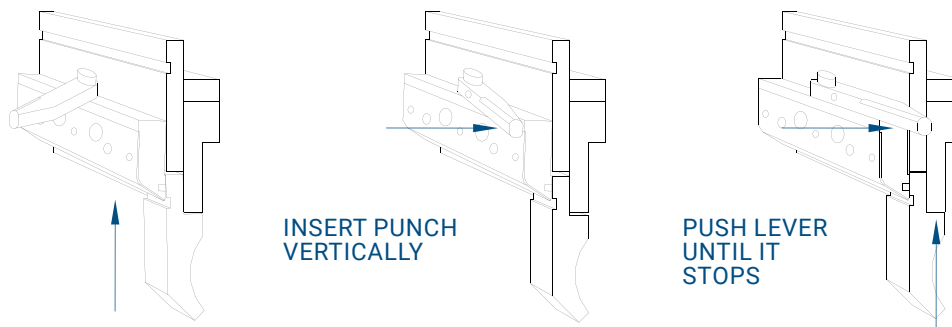
- 16% con il Sistema Tradizionale
- 5% con Eurogrip Manuale
- 2,5% con Eurogrip Pneumatico

THE SHARE OF TIME REQUIRED FOR EACH TOOL REPLACEMENT OPERATION OVER A 1-HOUR FABRICATION TIME IS, RESPECTIVELY:

- 16% for the standard system;
- 5% with Eurogrip Manual
- 2,5% with Eurogrip Pneumatic

| FASE OPERATIVA OPERATING PHASE | SISTEMA DI STAFFAGGIO CLAMPING SYSTEM | DESCRIZIONE OPERAZIONE OPERATION DESCRIPTION | TEMPO RICHIESTO REQUIRED TIME | | |
|---|--|---|----------------------------------|--------------|-------------|
| 1 APERTURA STAFFE CLAMPS UNLOCKING | Sistema di staffaggio tradizionale (ogni staffa con due viti) Standard clamping system (each clamp with two screws) | Allentamento 30 viti frontali (5 sec. Cad) Untighten 30 allen bolts (5 seconds each) | 150 | | |
| | Sistema di staffaggio Eurogrip manuale (M-EASY o M-TOP) Eurogrip manual clamping system (M-EASY or M-TOP) | Apertura 15 levette (3 sec. Cad) Unlock 15 handles (3 seconds each) | | 45 | |
| | Sistema di staffaggio Eurogrip pneumatico (P-EASY o P-TOP) Eurogrip pneumatic clamping system (P-EASY or P-TOP) | Pressione su pulsante per apertura staffe (2 sec.) Button operation for opening the clamps (2 sec) | | | 2 |
| 2 RIMOZIONE PUNZONI PUNCHES REMOVAL | Sistema di staffaggio tradizionale (ogni staffa con due viti) Standard clamping system (each clamp with two screws) | Trascinamento ed estrazione utensili da lato macchina Tooling sliding and extraction from machine side (3x835 + 1x SECT) | 100 | | |
| | Sistema di staffaggio Eurogrip manuale (M-EASY o M-TOP) Eurogrip manual clamping system (M-EASY or M-TOP) | Rimozione verticale utensili da fronte macchina Tooling vertical removal from machine front (3x835 + 1x SECT) | | 50 | |
| | Sistema di staffaggio Eurogrip pneumatico (P-EASY o P-TOP) Eurogrip pneumatic clamping system (P-EASY or P-TOP) | Rimozione verticale utensili da fronte macchina Tooling vertical removal from machine front (3x835 + 1x SECT) | | | 50 |
| 3 INSERIMENTO PUNZONI PUNCHES INSERTION | Sistema di staffaggio tradizionale (ogni staffa con due viti) Standard clamping system (each clamp with two screws) | Inserimento utensili da lato macchina e trascinamento in posizione Tooling insertion from machine side and sliding to their position (3x835 + 1x SECT) | 100 | | |
| | Sistema di staffaggio Eurogrip manuale (M-EASY o M-TOP) Eurogrip manual clamping system (M-EASY or M-TOP) | Inserimento verticale utensili da fronte macchina Tooling vertical insertion from machine front (3x835 + 1x SECT) | | 40 | |
| | Sistema di staffaggio Eurogrip pneumatico (P-EASY o P-TOP) Eurogrip pneumatic clamping system (P-EASY or P-TOP) | Inserimento verticale utensili da fronte macchina Tooling vertical insertion from machine front (3x835 + 1x SECT) | | | 40 |
| 4 CHIUSURA STAFFE CLAMPS LOCKING | | Serraggio lieve 30 viti (4 secondi cad) Light tightening of 30 allen bolts (4 seconds each) | 100 | | |
| | Sistema di staffaggio tradizionale (ogni staffa con due viti) Standard clamping system (each clamp with two screws) | Chiusura macchina per allineamento utensili Upper ram down for tooling alignment | 100 | | |
| | | Serraggio finale 30 viti (3 secondi cad) Final tightening of 30 allen bolts (3 seconds each) | 100 | | |
| | Sistema di staffaggio Eurogrip manuale (M-EASY o M-TOP) Eurogrip manual clamping system (M-EASY or M-TOP) | Chiusura 15 levette (3 sec. Cad) Locking 15 handles (3 seconds each) | | 45 | |
| | Sistema di staffaggio Eurogrip pneumatico (P-EASY o P-TOP) Eurogrip pneumatic clamping system (P-EASY or P-TOP) | Pressione su pulsante per chiusura staffe (2 sec.) Button operation for closing the clamps (2 sec) | | | 2 |
| TEMPO TOTALE PREVISTO / TOTAL ESTIMATED TIME | | | 570 s | 180 s | 94 s |

INSERIMENTO PUNZONE PUNCH LOADING



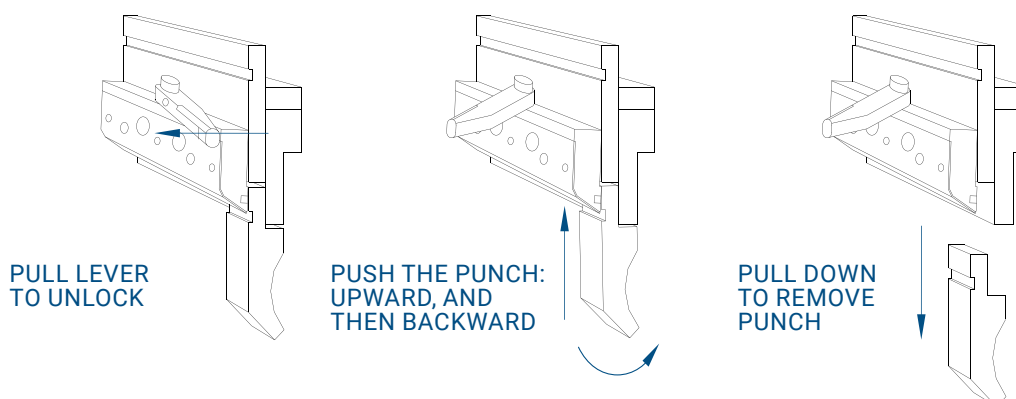
Quando la staffa è in posizione di apertura, permette l'inserimento del punzone in senso verticale verso l'alto fino a quando la cava di sicurezza incontra il meccanismo di sicurezza della staffa, che lo aggancia e lo mantiene sollevato.

Durante il movimento di chiusura della staffa, il meccanismo di sicurezza solleva il punzone fino al piano di riferimento (base dell'intermedio) e lo mantiene in posizione fino alla completa chiusura della staffa che blocca il punzone in posizione.

When the clamp is in open position, it allows the punch insertion in vertical upward direction until when the punch safety groove engages the clamp safety fingers, that hooks it and keeps the punch in position.

During the clamp closing stroke, the safety fingers lifts up the punch until intermediate reference surface and keeps it in the right position until the end of clamp closing movement that locks the punch.

RIMOZIONE PUNZONE PUNCH UNLOADING



Quando la staffa viene aperta, il punzone viene sbloccato e scende fino ad arrestarsi perché rimane agganciato al meccanismo di sicurezza.

A questo punto è sufficiente sollevare manualmente il punzone e spingere la sua punta verso l'interno della macchina per liberarlo dal meccanismo di sicurezza e sfilarlo in senso verticale verso il basso.

When the clamp is opened, it unlocks the punch that can then move downwards until the point where it can remain hooked in against the safety fingers.

Now it is possible to manually lift the punch upwards and push on its bottom side to disengage it from the safety fingers and removing it in vertical downward direction.

LA GAMMA DI PRODOTTI EUROGRIP PER LA CONNESSIONE DEGLI UTENSILI SUPERIORI THE EUROGRIP RANGE FOR THE UPPER TOOL CLAMPING

L'innovativa staffa Eurogrip è alla base della gamma completa di soluzioni sviluppata da Eurostamp, orientata agli equipaggiamenti standard delle piegatrici e alle esigenze specifiche di clienti.

La gamma include Sistemi Manuali e Pneumatici;

ciascun Sistema è disponibile in due Versioni (EASY e TOP);

finalmente, ogni versione comprende due Modelli, in base alle dimensioni degli intermediari originali

The innovative Eurogrip clamp is the basis of the complete range of solutions developed by Eurostamp, in line with the press brakes standard equipment and suited to the customer needs.

The range includes Manual and Pneumatic, each available in two versions (EASY and TOP):

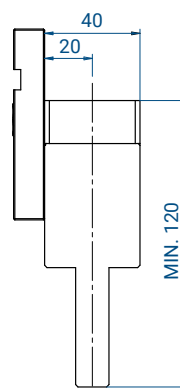
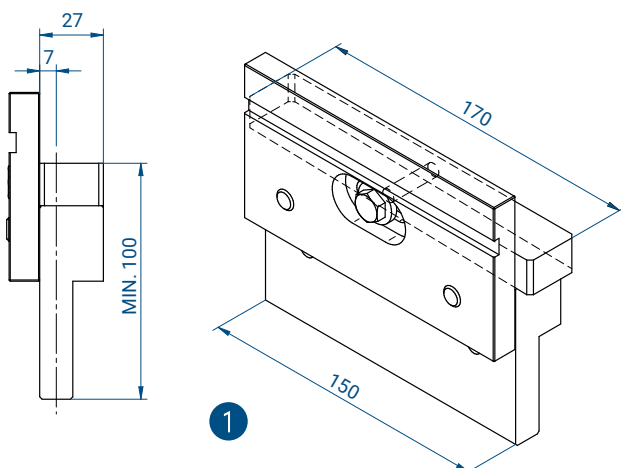
Each version includes two models, according to the dimension of the original intermediates

1 DIMENSIONI CARATTERISTICHE DI INTERMEDIARIO TIPO Z1

Z1 TYPE INTERMEDIATE TYPICAL DIMENSION

2 DIMENSIONI CARATTERISTICHE DI INTERMEDIARIO TIPO Z2

Z2 TYPE INTERMEDIATE TYPICAL DIMENSION



SISTEMI MANUALI / MANUAL CLAMPING SYSTEMS

Versione / Version M-EASY

4389 Dimensioni intermediario / Intermediate dimension **Z1**
(Corpo / Body: 27mm – Asse / Axis: 7mm) [page 213](#)

4409 Dimensioni intermediario / Intermediate dimension **Z2**
(Corpo / Body: 40mm – Asse / Axis: 20mm) [page 214](#)

Versione / Version M-TOP

4390 Dimensioni intermediario / Intermediate dimension **Z1**
(Corpo / Body: 27mm – Asse / Axis: 7mm) [page 215](#)

4400 Dimensioni intermediario / Intermediate dimension **Z2**
(Corpo / Body: 40mm – Asse / Axis: 20mm) [page 216](#)

SISTEMI PNEUMATICI / PNEUMATIC CLAMPING SYSTEMS

Versione / Version P-EASY

4392 Dimensioni intermediario / Intermediate dimension **Z1**
(Corpo / Body: 27mm – Asse / Axis: 7mm) [page 220](#)

4405 Dimensioni intermediario / Intermediate dimension **Z2**
(Corpo / Body: 40mm – Asse / Axis: 20mm) [page 221](#)

Versione / Version P-TOP

4399 Dimensioni intermediario / Intermediate dimension **Z1**
4398 (Corpo / Body: 27mm – Asse / Axis: 7mm) [page 222 - 223](#)

4399 Dimensioni intermediario / Intermediate dimension **Z2**
4410 (Corpo / Body: 40mm – Asse / Axis: 20mm) [page 222 - 224](#)

SISTEMI DI STAFFAGGIO MANUALI - INTRODUZIONE MANUAL CLAMPING SYSTEM - INTRODUCTION

Ogni staffa viene operata da una comoda e robusta leva a scomparsa posizionata sulla parte superiore della staffa per evitare qualsiasi interferenza contro la lamiera durante il processo di piegatura.

Lo stesso principio di funzionamento è stato applicato anche ad un adattatore superiore che consente l'installazione di punzoni in stile Trumpf e Wila su macchine con sistema di connessione in stile Europeo (stile Amada/Promecam)

Each clamp is individually operated by a comfortable and powerful handle, conveniently located on the top in order to avoid any interference with the product being fabricated.

We applied a similar solution also to an upper adapter that allows the installation of Wila/Trumpf style punches on machines equipped with European style (Amada/Promecam style) clamping system



Modello / Model

4389
(M-EASY Z1)

SISTEMA MANUALE EUROGRIP M-EASY:
STAFFA PER RETROFIT SU INTERMEDIARIO Z1

MANUAL SYSTEM M-EASY:
FRONT CLAMP FOR RETROFIT OF Z1 STYLE INTERMEDIATE

150 mm 0,8 kg



DESCRIZIONE

Staffa frontale da installare al posto di quella esistente.

SPECIFICHE TECNICHE

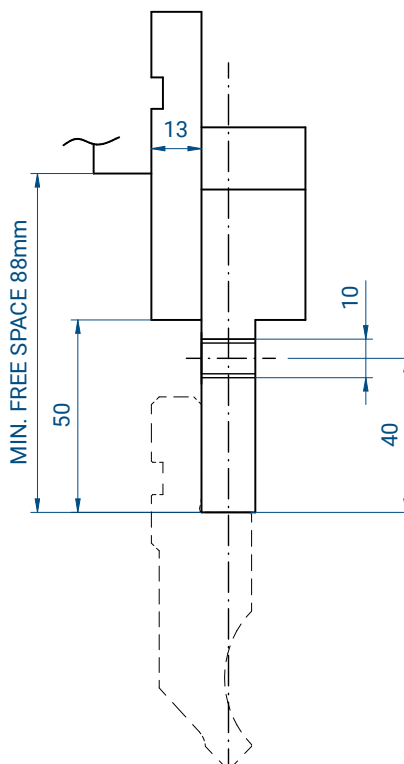
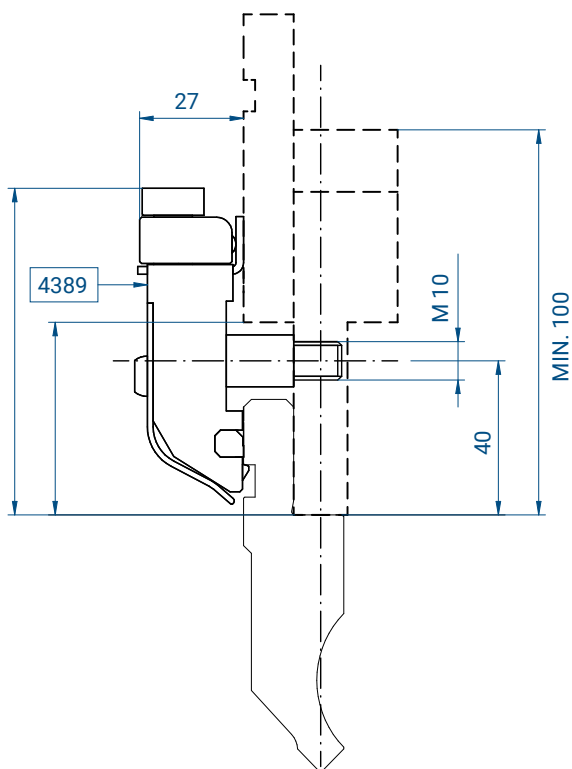
Solo su intermediari conformi Z1 (altezza 100mm; corpo 27mm; asse 7mm): per favore verificare la conformità dell'intermediario a tutte le dimensioni del disegno su questa pagina.

DESCRIPTION

Front clamp replacement, installed over the existing intermediate in place of the "standard one".

TECHNICAL SPECIFICATIONS

Only on Z1 style intermediates (height 100mm; body width 27mm; bending axis located at 7mm). All dimensions of the intermediates need to be verified and confirmed as per the drawings on this page.



Modello / Model

4409
(M-EASY Z2)

SISTEMA MANUALE EUROGRIP M-EASY: ASSIEME DI STAFFA + PIASTRA ANTERIORE PER RETROFIT SU INTERMEDIARIO Z2

MANUAL SYSTEM M-EASY: ASSEMBLY OF CLAMP + FRONT PLATE FOR RETROFIT OF Z2 STYLE INTERMEDIATE

150 mm 1,8 kg



DESCRIZIONE

Assieme costituito dalla staffa 4389 e da una piastra anteriore, che deve essere installata sul corpo principale dell'intermediario esistente.

SPECIFICHE TECNICHE

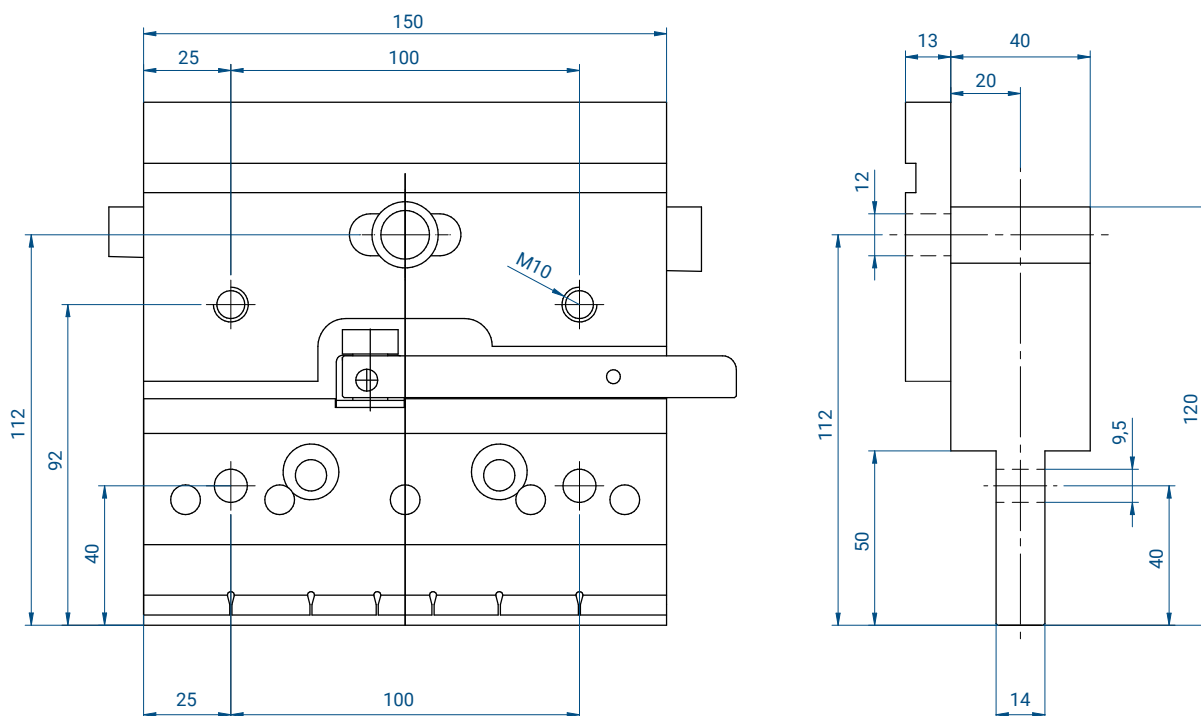
Solo su intermediari conformi Z2 (altezza minima 120mm; corpo 40mm; asse 20mm). Per favore verificare la conformità dell'intermediario a tutte le dimensioni del disegno su questa pagina.

DESCRIPTION

Assembly made up with clamp model 4389 and by a replacement front plate that must be installed onto the original intermediate.

TECHNICAL SPECIFICATIONS

Only on Z2 style intermediates (minimum height 120mm; body width 40mm; bending axis located at 20mm). All dimensions of the intermediates need to be verified and confirmed as per the drawings on this page.



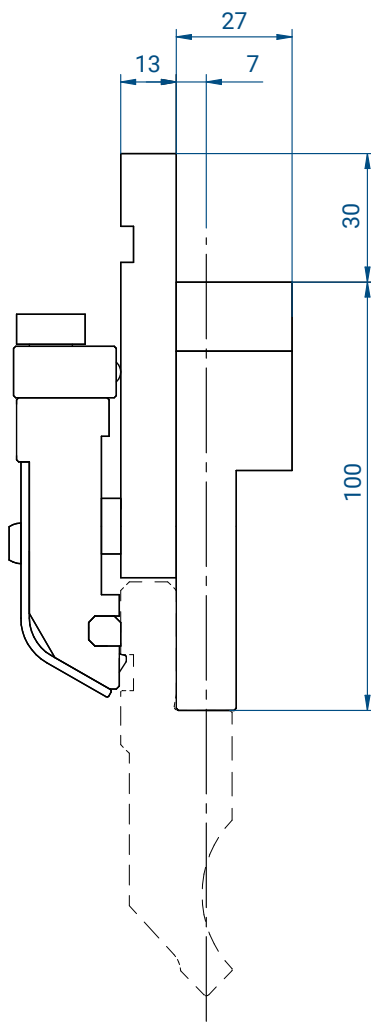
Modello / Model

4390
(M-TOP Z1)

SISTEMA MANUALE EUROGRIP M-TOP:
STAFFA ASSEMBLATA SU INTERMEDIO SPECIFICO Z1

EUROGRIP MANUAL SYSTEM M-TOP:
FRONT CLAMP ASSEMBLED ON SPECIFIC Z1 STYLE INTERMEDIATE

150 mm 4,8 kg



DESCRIZIONE

Assieme completo costituito da una speciale staffa manuale (dimensioni maggiorate) installata su un intermedio speciale (Z1) di alta qualità, disegnato per alloggiare la staffa maggiorata.

Soluzione privilegiata nei casi in cui sia necessario sostituire gli intermedi esistenti perché danneggiati e quando le dimensioni dell'intermedio esistente non consentano l'utilizzo di M-EASY.

Il codice 4390 è già predisposto per l'installazione delle staffe manuali posteriori opzionali codice 4404 (fori passanti).

SPECIFICHE TECNICHE

Solo su macchine predisposte ad installare intermedi di tipo Z1 (altezza 100mm; corpo 27mm; asse 7mm): per favore verificare la conformità dell'intermediario esistente a tutte le dimensioni del disegno su questa pagina.

DESCRIPTION

Full intermediate assembly, made up of a special manual clamp (bigger dimension) already installed over a special, superior quality (Z1) intermediate body, designed for the movement of the operating fingers.

This solution is the best choice when a new set of intermediates is replacing the old ones (damaged or worn out) or when the original intermediate dimension does not allow to utilize the M-EASY.

The code 4390 is already set for installing the optional rear clamp manually operated code 4404 (pass-through holes).

TECHNICAL SPECIFICATIONS

Only on machines equipped for Z1 style intermediates (height 100mm; body width 27mm; bending axis located at 7mm). All dimensions of the intermediates need to be verified and confirmed as per the drawings on this page.

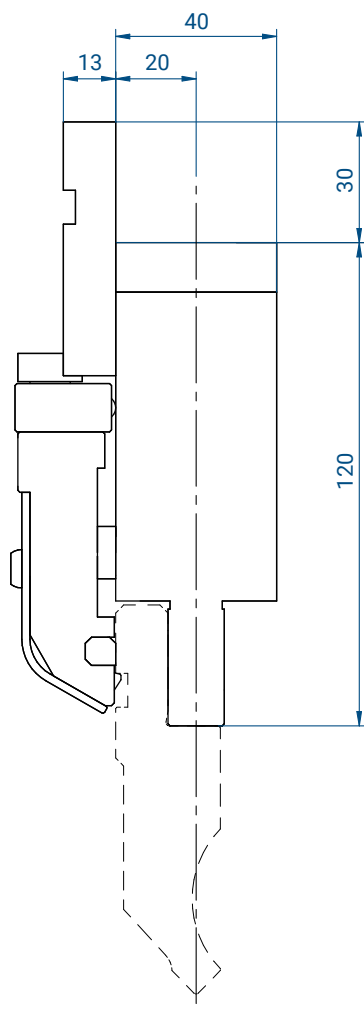
Modello / Model

4400
(M-TOP Z2)

SISTEMA MANUALE EUROGRIP M-TOP: STAFFA ASSEMBLATA SU INTERMEDIO SPECIFICO Z2

EUROGRIP MANUAL SYSTEM M-TOP: FRONT CLAMP ASSEMBLED ON SPECIFIC Z2 STYLE INTERMEDIATE

150 mm 5,5 kg



DESCRIZIONE

Assieme completo costituito da una speciale staffa manuale (dimensioni maggiorate) installata su un intermedio speciale (Z2) di alta qualità disegnato per alloggiare la staffa maggiorata.

Soluzione privilegiata nei casi in cui sia necessario sostituire gli intermedi esistenti perché e quando danneggiati le dimensioni dell'intermedio esistente non consentano l'utilizzo di M-EASY.

Il codice 4400 è già predisposto per l'installazione delle staffe manuali posteriori opzionali codice 4404 (fori passanti).

SPECIFICHE TECNICHE

Solo su macchine predisposte ad installare intermedi di tipo Z2 (altezza 120mm; corpo 40mm; asse 20mm): per favore verificare la conformità dell'intermedio esistente a tutte le dimensioni del disegno su questa pagina. Peso=5,5Kg

DESCRIPTION

Full intermediate assembly, made up of a special manual clamp (bigger dimension) already installed over a special, superior quality (Z2) intermediate body, conveniently machined for the movement of the operating fingers.

This solution is the best choice when a new set of intermediates is replacing the old ones (damaged or worn out) or when the original intermediate dimension does not allow to utilize the M-EASY.

The code 4400 is already set for installing the optional rear clamp manually operated code 4404 (pass-through holes).

TECHNICAL SPECIFICATIONS

Only on machines equipped for Z2 style intermediates (height 120mm; body width 40mm; bending axis located at 7mm). All dimensions of the intermediates need to be verified and confirmed as per the drawings on this page. Weight=5,5Kg

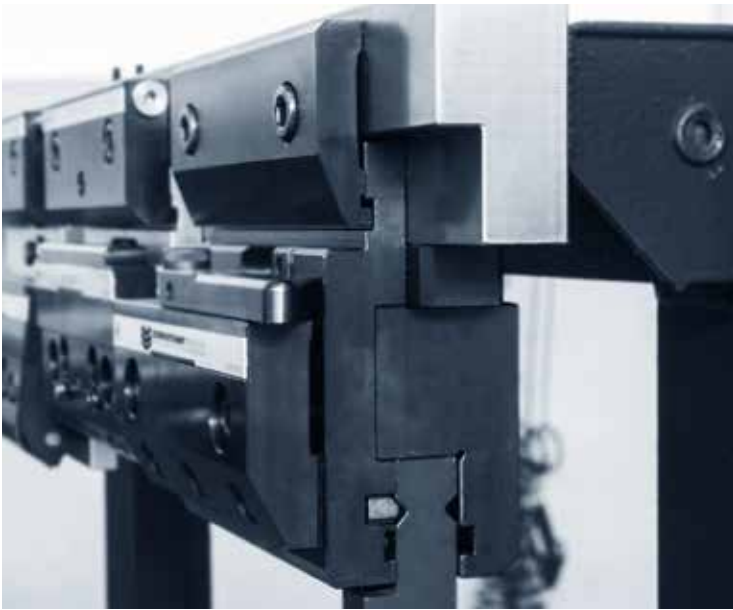
Modello / Model

4393
(M-WDP Z1)

SISTEMA MANUALE EUROGRIP M-WPD: ADATTATORE SUPERIORE DA STILE AMADA (TIPO Z1) A STILE WILA/TRUMPF

EUROGRIP MANUAL SYSTEM M-WDP: UPPER ADAPTER FROM AMADA STYLE (Z1 TYPE) TO WILA/TRUMPF STYLE

150 mm 6,7 kg



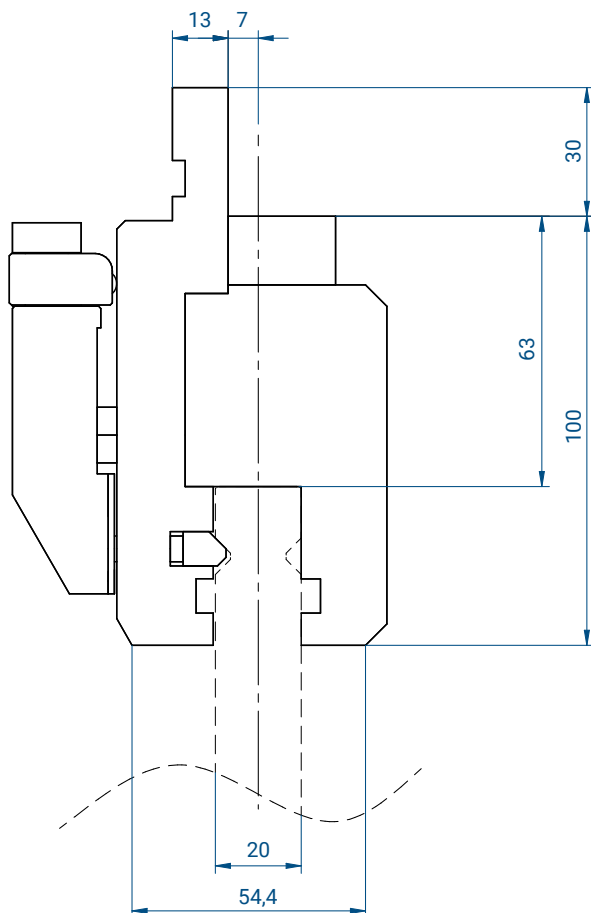
DESCRIZIONE

Adattatore speciale da stile standard Amada/ Promecam (stile Europeo) a stile standard Trumpf/Wila.

La staffa anteriore - operata da una leva a scomparsa - permette l'inserimento, la rimozione, l'allineamento e il bloccaggio di utensili conformi allo standard Trumpf/Wila su macchine con tavola superiore in stile Europeo (stile Amada Promecam).

SPECIFICHE TECNICHE

Solo su macchine predisposte ad installare intermedi di tipo Z1 (altezza 100mm; corpo 27mm; asse 7mm): per favore verificare la conformità dell'intermediario esistente a tutte le dimensioni del disegno su questa pagina. Peso=6,7Kg.



DESCRIPTION

Upper adapter from European style (Amada/ Promecam style) to Trumpf/Wila style.

The front clamp, operated by a foldaway handle allows the installation; the removal; the alignment and the locking of Trumpf/Wila style top tooling on a press brake equipped with European style clamping system.

TECHNICAL SPECIFICATIONS

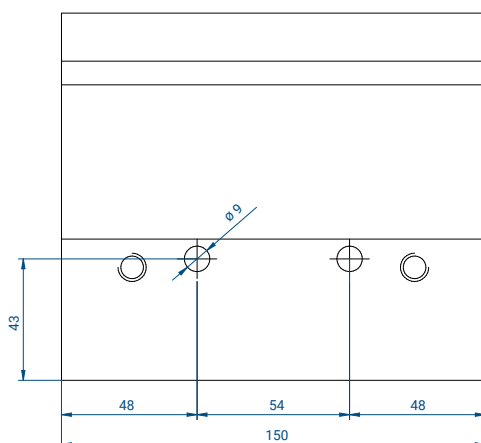
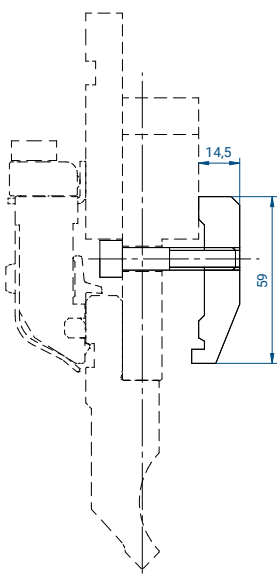
Only on machines equipped for Z1 style intermediates (height 100mm; body width 27mm; bending axis located at 7mm). All dimensions of the intermediates need to be verified and confirmed as per the drawings on this page.

SISTEMI DI STAFFAGGIO MANUALI – DISPOSITIVI OPZIONALI MANUAL CLAMPING SYSTEM – OPTIONAL ADD-ONS

Modello / Model

4408

150 mm 0,7 kg



STAFFA POSTERIORE OPZIONALE, ESCLUSIVA PER MODELLI M-EASY

Per installare punzoni con orientamento "rovesciato" su intermedi equipaggiati con sistemi M-EASY (4389 e 4409).

La staffa posteriore viene operata da fronte macchina agendo su due viti a brugola.

Per installare la staffa opzionale è necessario eseguire due fori passanti diametro 9mm sul corpo dell'intermedio.

OPTIONAL REAR CLAMP EXCLUSIVELY FOR M-EASY MODELS

For inserting the punches in "reverse" direction on intermediates equipped with M-EASY clamps (4389 e 4409).

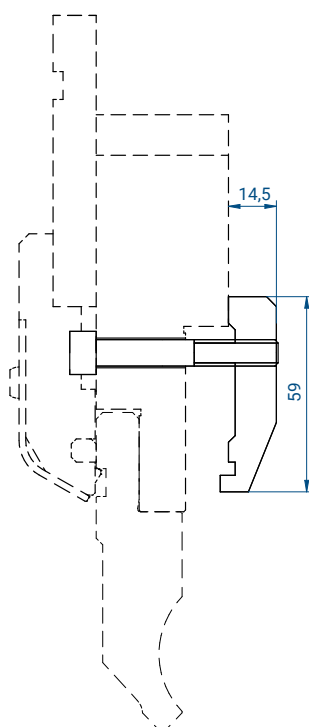
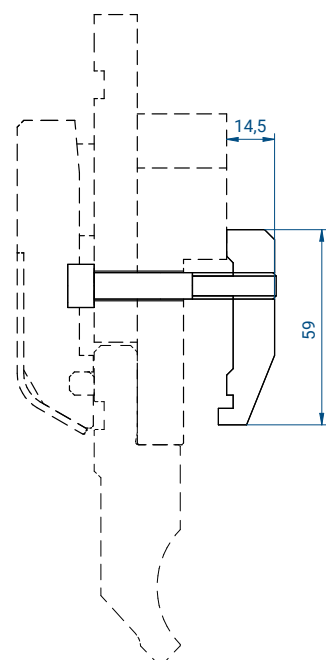
The rear clamp is operated by standing on the machine front and through two allen-key bolts.

For mounting the rear clamp, two additional holes Ø9mm need to be drilled on the intermediate body.

Modello / Model

4404

150 mm 0,8 kg



STAFFA POSTERIORE OPZIONALE, PER MODELLI M-TOP; P-EASY; P-TOP

Per installare punzoni con orientamento "rovesciato" su intermedi equipaggiati con sistemi M-TOP; P-EASY; P-TOP

La staffa posteriore viene operata da fronte macchina agendo su due viti a brugola.

Tutti i modelli M-TOP; P-EASY; P-TOP sono forniti completi di fori passanti, per cui non è necessaria alcuna lavorazione aggiuntiva per installare la staffa.

OPTIONAL REAR CLAMP, FOR MODELS M-TOP; P-EASY; P-TOP.

For inserting the punches in "reverse" direction on intermediates equipped with all the products M-TOP; P-EASY; P-TOP.

The rear clamp is operated by standing on the machine front and through two allen bolts.

All the models M-TOP; P-EASY; P-TOP are supplied with the pass-through holes already drilled on - ne need for any additional operation.

SISTEMI DI STAFFAGGIO PNEUMATICI - INTRODUZIONE PNEUMATIC CLAMPING SYSTEM - INTRODUCTION

Tutte le staffe presenti sulla tavola superiore sono operate tramite aria compressa, controllata da una centralina e trasferita tramite tubi che collegano in serie gli intermedi.

La gamma di sistemi pneumatici include un sistema analogo per gli utensili inferiori.

All of the clamps located on the machine upper table are operated by compressed air, managed by a pneumatic control unit and transferred through pipes that connect serially the intermediates.

The pneumatic system product range includes also a solution for the pneumatic clamping of lower tooling.



1 STAFFA SU TAVOLA
SUPERIORE (fissa)
TOP BEAM CLAMP (fixed)

2 INTERMEDIARIO (traslabile a
destra/sinistra e rimovibile)
INTERMEDIATE (shiftable right
or left and removable)

3 STAFFA SU INTERMEDIARIO
INTERMEDIATE CLAMP

Il Sistema pneumatico superiore Eurogrip sostituisce alcuni dei componenti standard forniti assieme alla macchina.

In base al modello scelto verranno sostituiti solo gli intermediari (P-EASY) oppure anche la staffa sulla tavola superiore (P-TOP).

L'installazione di un sistema pneumatico richiede una centralina pneumatica e un kit (comprensivo di tubi, connettori, cavi e pulsanti di comando).

The Eurogrip upper pneumatic clamping systems replaces some of the standard components supplied with the press brake.

Depending by the chosen model (P-EASY or P-TOP), only the assembly of intermediate body and its clamp will be replaced, or it will be supplied also a new top beam clamp.

The installation of any pneumatic clamping system requires a pneumatic control unit and a pneumatic connection kit (pipes, connectors, cables, switch).

Modello / Model

4392
(P-EASY Z1)

SISTEMA PNEUMATICO EUROGRIP P-EASY:
STAFFA PNEUMATICA ASSEMBLATA SU INTERMEDIO SPECIFICO Z1

EUROGRIP PNEUMATIC SYSTEM P-EASY:
PNEUMATIC CLAMP ASSEMBLED TO SPECIFIC Z1 STYLE INTERMEDIATE

150 mm 5,2 kg



DESCRIZIONE

Assieme completo costituito da una speciale staffa, ad azionamento pneumatico, installata su un intermedio speciale (Z1) di alta qualità, disegnato per alloggiare la staffa maggiorata (vedere 2 e 3 a pag. 219).

Ciascun nuovo intermedio verrà installato al posto di quello esistente utilizzando le staffe già presenti sulla tavola superiore e verrà collegato in serie agli altri tramite tubo in plastica che ne permette lo spostamento orizzontale e la rimozione (tramite bypass). Soluzione raccomandata quando è necessario spostare/rimuovere gli intermediari raramente.

Il codice 4392 è già predisposto per l'installazione delle staffe manuali posteriori opzionali, codice 4404 (fori passanti).

SPECIFICHE TECNICHE

Solo su macchine predisposte ad installare intermedi di tipo Z1 (altezza 100mm; corpo 27mm; asse 7mm): per favore verificare la conformità dell'intermediario esistente a tutte le dimensioni del disegno su questa pagina. Peso= 5,2 Kg

DESCRIPTION

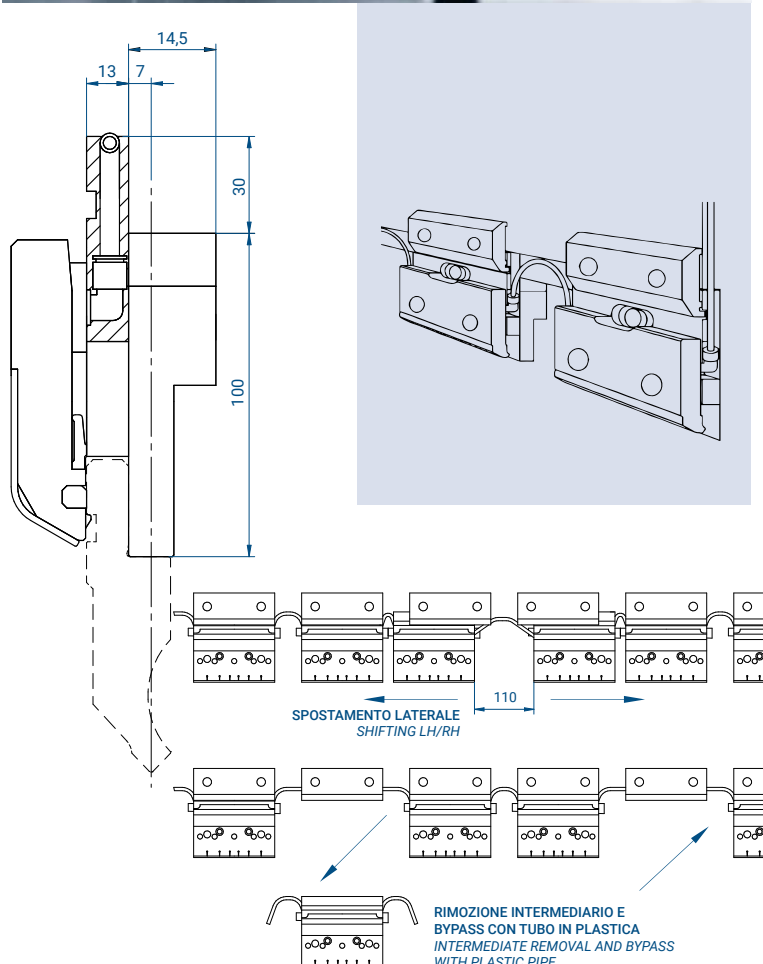
Full intermediate assembly made up of a special pneumatic clamp already installed over a special, superior quality (Z1), intermediate body conveniently machined for the movement of the operating fingers (see 2 and 3 on page 219).

Each new intermediate will be installed in place of the already existing one by utilizing the top beam clamp already mounted on the top beam and it will be connected in series with the others through a plastic pipe that will allow its horizontal shifting and removal (bypass). This is the recommended solution when the intermediate shifting (or removal) operation is required not more than few times a day.

The intermediate assembly code 4392 is already set for installing the optional rear clamp manually operated, code 4404 (pass-through holes).

TECHNICAL SPECIFICATIONS

Only on machines equipped for Z1 style intermediates (height 100mm; body width 27mm; bending axis located at 7mm). Please, verify the conformity of the existing intermediate to all of the dimension shown on the drawing. Weight= 5,2Kg



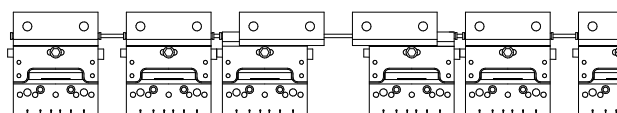
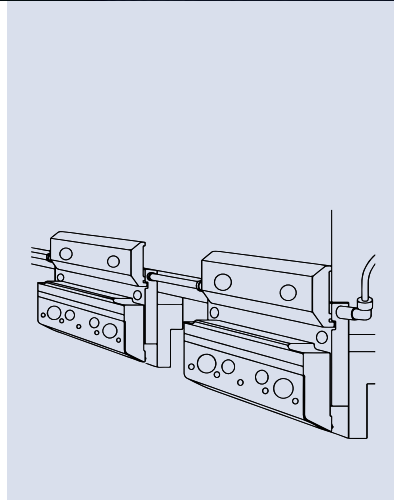
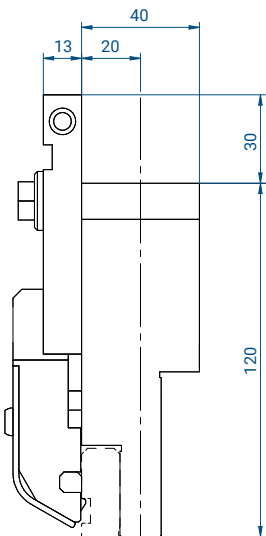
Modello / Model

4405
(P-EASY Z2)

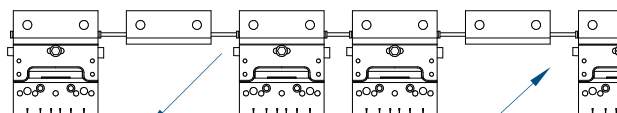
SISTEMA PNEUMATICO EUROGRIP P-EASY:
STAFFA PNEUMATICA ASSEMBLATA SU INTERMEDIO SPECIFICO Z2

EUROGRIP PNEUMATIC SYSTEM P-EASY:
PNEUMATIC CLAMP ASSEMBLED TO SPECIFIC Z2 STYLE INTERMEDIATE

150 mm 6,0 kg



SPOSTAMENTO LATERALE
SHIFTING LH/RH



RIMOZIONE INTERMEDIARIO E BYPASS
CON SPECIFICO TUBO IN ACCIAIO
INTERMEDIATE REMOVAL AND
BYPASS WITH SPECIFIC STEEL PIPE

DESCRIZIONE

Assieme completo costituito da una speciale staffa, ad azionamento pneumatico, installata su un intermedio speciale (Z2) di alta qualità, disegnato per alloggiare la staffa maggiorata (vedere 2 e 3 a pag. 219).

Ciascun nuovo intermedio verrà installato al posto di quello esistente utilizzando le staffe già presenti sulla tavola superiore e verrà collegato in serie agli altri tramite tubo in acciaio che ne permette lo spostamento orizzontale e la rimozione (tramite bypass). Soluzione raccomandata quando è necessario spostare/rimuovere gli intermediari raramente.

Il codice 4405 è già predisposto per l'installazione delle staffe manuali posteriori opzionali, 4404 (fori passanti).

SPECIFICHE TECNICHE

Solo su macchine predisposte ad installare intermedi di tipo Z2 (altezza 120mm; corpo 40mm; asse 20mm): per favore verificare la conformità dell'intermediario esistente a tutte le dimensioni del disegno su questa pagina. Peso= 5,9 Kg

DESCRIPTION

Full intermediate assembly made up of a special pneumatic clamp already installed over a special, superior quality (Z1), intermediate body conveniently machined for the movement of the operating fingers (see 2 and 3 on page 219).

Each new intermediate will be installed in place of the already existing one by utilizing the top beam clamp already mounted on the top beam and it will be connected in series with the others through a steel pipe that will allow its horizontal shifting and removal (bypass). This is the recommended solution when the intermediate shifting (or removal) operation is not required more than few times a day.

The intermediate assembly code 4405 is already set for installing the optional rear clamp manually operated, code 4404 (pass-through holes).

TECHNICAL SPECIFICATIONS

Only on machines equipped for Z2 style intermediates (height 120mm; body width 40mm; bending axis located at 7mm). Please, verify the conformity of the existing intermediate to all of the dimension shown on the drawing. Weight= 5,9Kg

Modello / Model

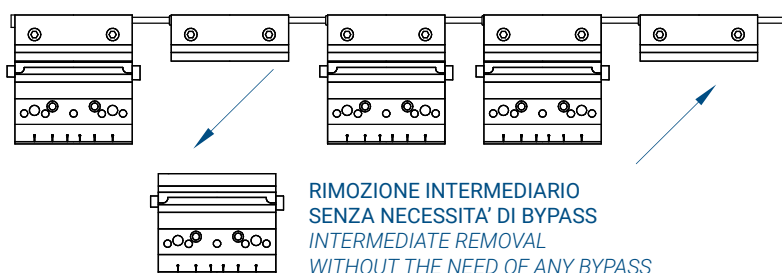
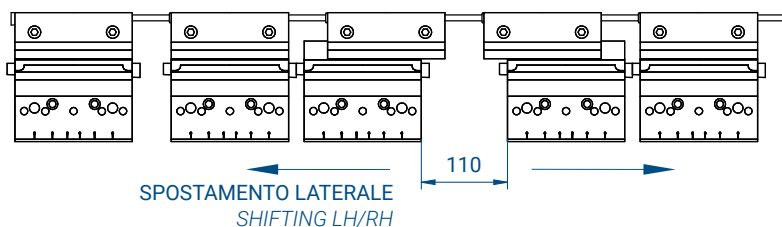
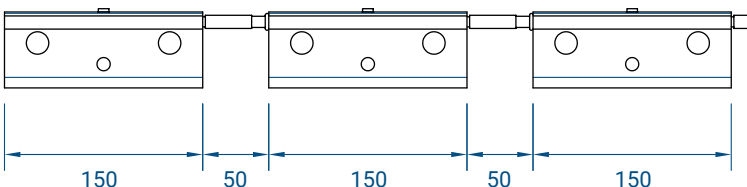
4399

(P-TOP common)

150 mm 1,0 kg

SISTEMA PNEUMATICO EUROGRIP P-TOP: STAFFA PNEUMATICA PER TAVOLA SUPERIORE – PREREQUISITO PER INSTALLAZIONE DI MODELLI P-TOP

EUROGRIP PNEUMATIC SYSTEM P-TOP: PNEUMATIC CLAMP TO BE INSTALLED ON THE MACHINE UPPER TABLE – MANDATORY FOR THE INSTALLATION OF ANY P-TOP MODEL



DESCRIZIONE

Staffa per tavola superiore da installare al posto di quella montata in origine (vedere 1 a pag. 219).

Ogni staffa è collegata in serie tramite tubo in acciaio e trasferisce l'aria in pressione all'intermediario connesso attraverso una valvola interna che ne consente lo spostamento e la rimozione senza necessità di operazioni aggiuntive (bypass).

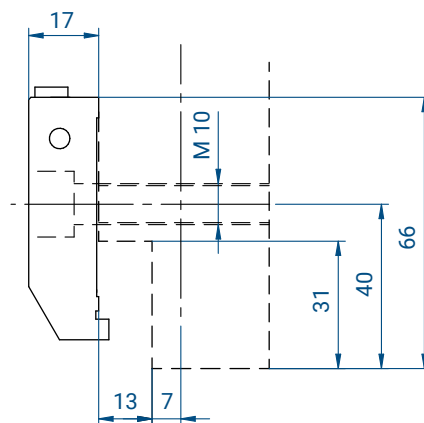
Soluzione raccomandata quando è necessario spostare (o rimuovere) gli intermediari con frequenza elevata.

DESCRIPTION

It must replace the actual standard clamps installed on the machine top beam (see 1 on page 219).

Each new top beam clamp is connected in series through a steel pipe and transfers the air flow to the connected intermediate by an internal valve that allows to shift the intermediate left or right and even to remove it without the need of any bypass.

This is the recommended solution when the intermediate shifting (or removal) operation must be performed many times a day.



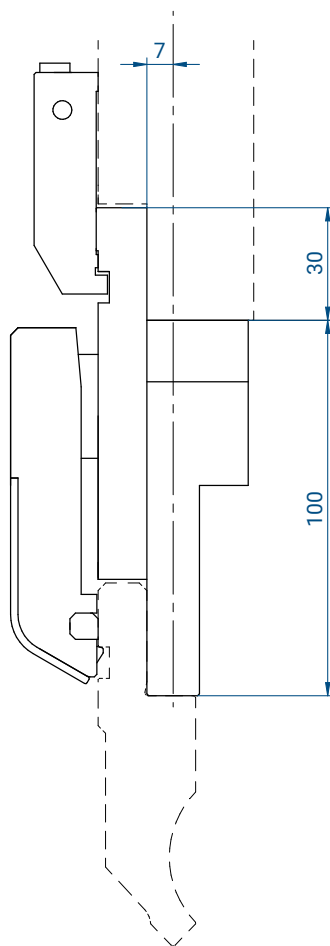
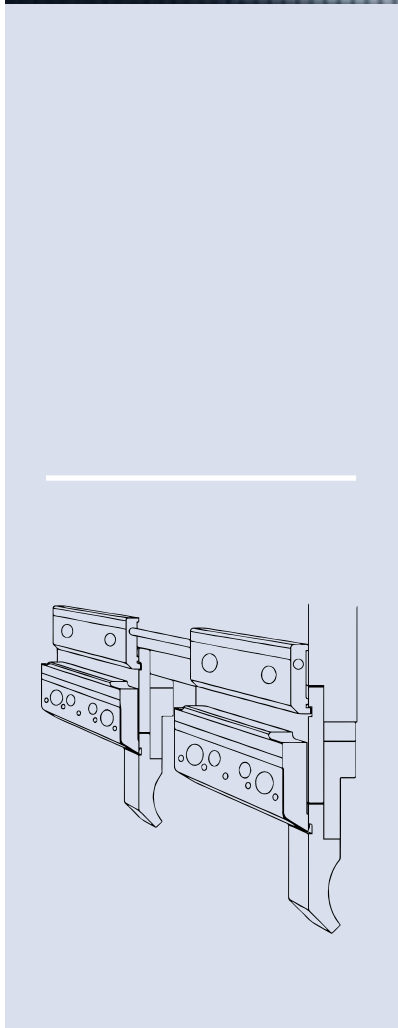
Modello / Model

4398 (P-TOP Z1)

150 mm 5,0 kg

SISTEMA PNEUMATICO EUROGRIP P-TOP: STAFFA PNEUMATICA ASSEMBLATA SU INTERMEDIO SPECIFICO Z1 - RICHIEDE INSTALLAZIONE DI STAFFA PER TAVOLA SUPERIORE 4399

EUROGRIP PNEUMATIC SYSTEM P-TOP: PNEUMATIC CLAMP ASSEMBLED TO SPECIFIC Z1 STYLE INTERMEDIATE - IT IS MANDATORY TO INSTALL THE UPPER BEAM CLAMP 4399



DESCRIZIONE

Assieme completo costituito da una speciale staffa, ad azionamento pneumatico, installata su un intermedio speciale (Z1) di alta qualità, disegnato per alloggiare la staffa maggiorata (vedere 2 e 3 a pag. 219).

Ciascun nuovo intermedio verrà installato utilizzando le staffe 4399 che ne gestiranno l'alimentazione di aria compressa.

L'assieme intermediario 4391 è già predisposto per l'installazione delle staffe manuali posteriori opzionali, codice 4404 (fori passanti).

SPECIFICHE TECNICHE

Solo su macchine predisposte ad installare intermedi di tipo Z1 (altezza 100mm; corpo 27mm; asse 7mm): per favore verificare la conformità dell'intermediario esistente a tutte le dimensioni del disegno su questa pagina.

Peso= 6,2 Kg

Il codice 4398 identifica l'assieme intermedio + staffa superiore (4391+ 4399)

DESCRIPTION

Full intermediate assembly made up of a special pneumatic clamp already installed over a special, superior quality (Z1), intermediate body conveniently machined for the movement of the operating fingers (see 2 and 3 on page 219).

Each new intermediate will be installed in place of the already existing one by utilizing the 4399 top beam clamp that will manage the pneumatic supply.

The intermediate assembly code 4391 is already set for installing the optional rear clamp manually operated, code 4404 (pass-through holes)

TECHNICAL SPECIFICATIONS

Only on machines equipped for Z1 style intermediates (height 100mm; body width 27mm; bending axis located at 7mm). Please, verify the conformity of the existing intermediate to all of the dimension shown on the drawing.
Weight= 6,2Kg

The code 4398 identifies the assembly of intermediate + top beam clamp (4391+4399).

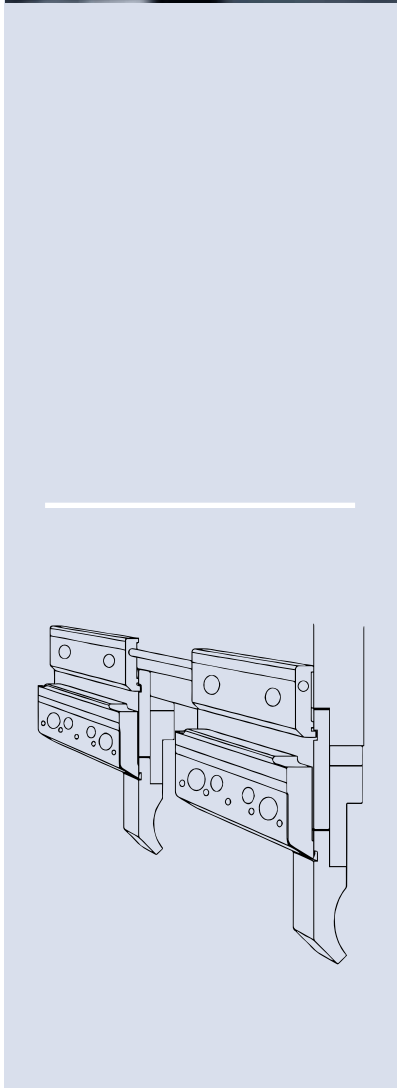
Modello / Model

4410
(P-TOP Z2)

150 mm 5,8 kg

SISTEMA PNEUMATICO EUROGRIP P-TOP: STAFFA PNEUMATICA ASSEMBLATA SU INTERMEDIO SPECIFICO Z2 RICHIEDE INSTALLAZIONE DI STAFFA PER TAVOLA SUPERIORE 4399

EUROGRIP PNEUMATIC SYSTEM P-TOP: PNEUMATIC CLAMP ASSEMBLED TO SPECIFIC Z2 STYLE INTERMEDIATE IT IS MANDATORY TO INSTALL THE UPPER BEAM CLAMP 4399



DESCRIZIONE

Assieme completo costituito da una speciale staffa, ad azionamento pneumatico, installata su un intermedio speciale (Z2) di alta qualità, disegnato per alloggiare la staffa maggiorata (vedere 2 e 3 a pag. 219).

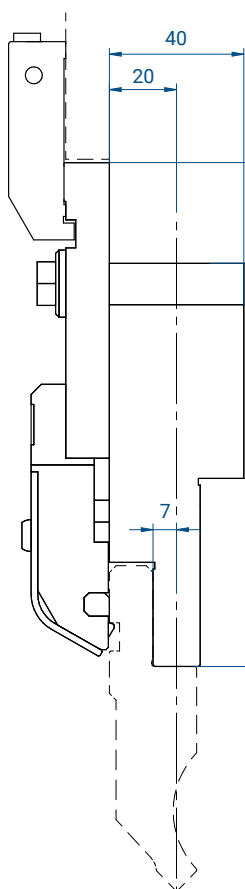
Ciascun nuovo intermedio verrà installato utilizzando le staffe 4399 che ne gestiranno l'alimentazione di aria compressa.

L'assieme intermedio 4410 è già predisposto per l'installazione delle staffe manuali posteriori opzionali, codice 4404 (fori passanti).

SPECIFICHE TECNICHE

Solo su macchine predisposte ad installare intermedi di tipo Z2 (altezza 120mm; corpo 40mm; asse 20mm): per favore verificare la conformità dell'intermediario esistente a tutte le dimensioni del disegno su questa pagina. Peso= 6,2 Kg

Il codice 4412 identifica l'assieme intermedio + staffa superiore (4410+ 4399).



DESCRIPTION

Full intermediate assembly made up of a special pneumatic clamp already installed over a special, superior quality (Z2), intermediate body conveniently machined for the movement of the operating fingers (see 2 and 3 on page 219).

Each new intermediate will be installed in place of the already existing one by utilizing the 4399 top beam clamp that will manage the pneumatic supply.

The intermediate assembly code 4410 is already set for installing the optional rear clamp manually operated, code 4404 (pass-through holes).

TECHNICAL SPECIFICATIONS

Only on machines equipped for Z2 style intermediates (height 120mm; body width 40mm; bending axis located at 20mm). Please, verify the conformity of the existing intermediate to all of the dimension shown on the drawing. Weight= 6,2Kg

The code 4412 identifies the assembly of intermediate + top beam clamp (4410+4399).

Modello / Model

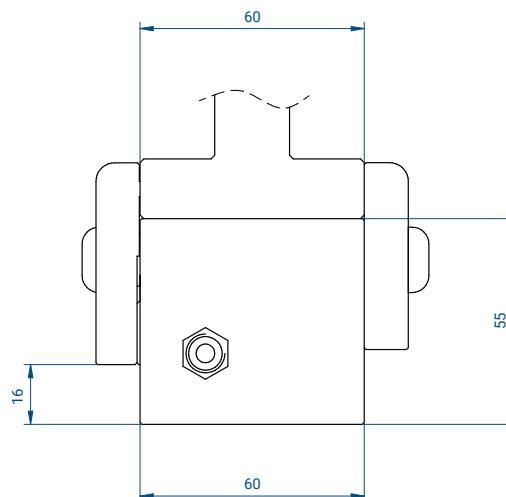
4394 (P-HOLD)

| | |
|--------|---------|
| 835 mm | 27,8 kg |
| 624 mm | 18,6 kg |
| 415 mm | 13,8 kg |



SISTEMA PNEUMATICO INFERIORE EUROGRIP P-DHOLD: SUPPORTO AD AZIONAMENTO PNEUMATICO PER MATRICI STILE AMADA

EUROGRIP LOWER PNEUMATIC SYSTEM P-DHOLD: PNEUMATIC DIE HOLDER FOR AMADA STYLE DIES

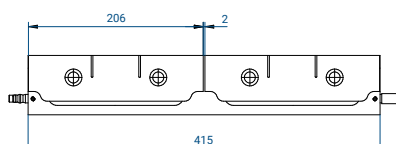
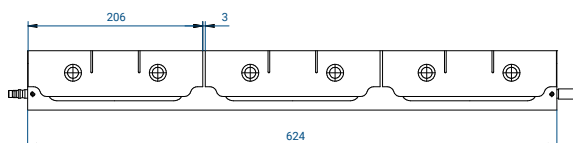
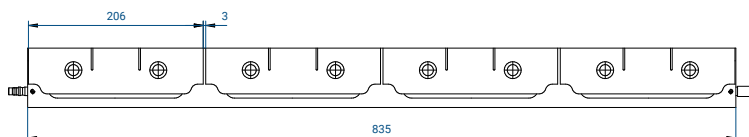
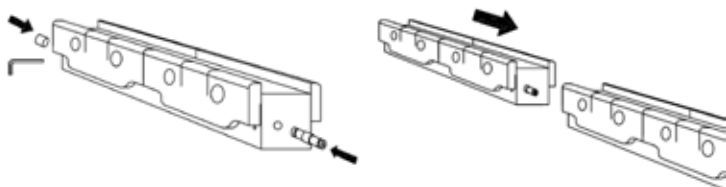


DESCRIZIONE

Supporto matrici modulare in stile Europeo (Stile Amada/Promecam). Sul lato frontale monta una serie di staffe ad azionamento pneumatico. Ogni modulo si connette al successivo tramite un connettore a scomparsa. Sistema raccomandato per clienti che devono sostituire frequentemente gli utensili inferiori perché consente il blocco/sblocco simultaneo di tutti gli utensili inferiori con la sola pressione di un pulsante.

SPECIFICHE TECNICHE

Installabile su macchine con tavola inferiore piana conforme allo standard stile Europeo (stile Amada /Promecam). Disponibile in moduli con lunghezza 835mm; 415mm; 625mm.



DESCRIPTION

Modular lower die support based on the standard European style (Amada/Promecam style) that carry on its front side a series of pneumatic clamps. Each module connects to the next one through a foldaway connector. This solution is recommended to those customers used to replace frequently the lower tooling because it allows to clamp/unclamp the whole lower table by simply operate a button.

TECHNICAL SPECIFICATIONS

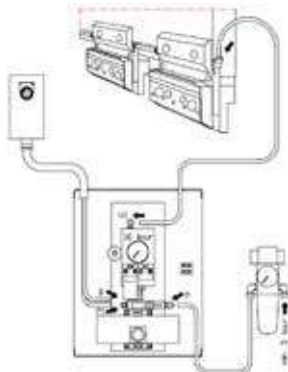
Can be installed on any machine equipped with a lower flat table that conforms to the European style (Amada/Promecam style). Available in modules long 835mm; 415mm; 625mm.

Per gestire i sistemi pneumatici Eurogrip è necessario installare una unità di controllo pneumatica, che contiene la componentistica elettrica e pneumatica per pilotare il sistema, oltre ad un kit, specifico per il modello ordinato, che comprende i tubi, i cavi ed i connettori da utilizzare per installare correttamente il sistema.

In order to manage correctly any Eurogrip pneumatic system it is required to install a pneumatic control unit, that contains the electric and pneumatic system components necessary for driving the system, and to utilize a hardware kit, specific for the ordered system, that includes the supply of the pipes, cables and connectors required for the correct installation of the system

Modello / Model

4395 (single line)



SISTEMA PNEUMATICO EUROGRIP: CENTRALINA PNEUMATICA LINEA SINGOLA, COMPENSIVA DI ACCESSORI

EUROGRIP PNEUMATIC SYSTEM: PNEUMATIC CONTROL UNIT SINGLE LINE, ACCESSORIES INCLUDED

DESCRIZIONE

Si connette alla sorgente di aria compressa disponibile in officina (pressione minima ingresso 6 Bar). Gestisce la pressione in uscita verso il sistema di connessione tramite una sola uscita per pilotare solamente un sistema di connessione (superiore o inferiore). Contiene i circuiti di controllo e di sicurezza.

DESCRIPTION

It connects to the job shop pressurized air supply (minimum input pressure 6 Bar).

It manages the output pressure to the clamping system through only one output connector (only upper or only lower).

It contains all of the electrical connections and the safety system.

DESCRIZIONE

Si connette alla sorgente di aria compressa disponibile in officina (pressione minima ingresso 6 Bar). Gestisce la pressione in uscita verso il sistema di connessione tramite due sole uscite per pilotare entrambi i sistemi di connessione (superiore e inferiore). Contiene i circuiti di controllo e di sicurezza.

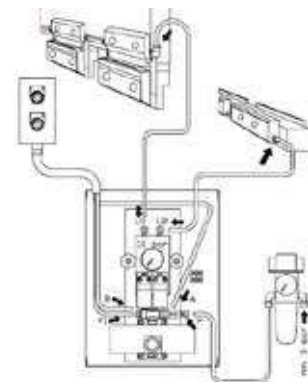
DESCRIPTION

It connects to the job shop pressurized air supply (minimum input pressure 6 Bar). It manages the output pressure to the clamping system through two output connector (upper and lower).

It contains all of the electrical connections and the safety system

Modello / Model

4396 (two lines)



SISTEMA PNEUMATICO EUROGRIP: CENTRALINA PNEUMATICA LINEA DOPPIA, COMPENSIVA DI ACCESSORI

EUROGRIP PNEUMATIC SYSTEM: PNEUMATIC CONTROL UNIT DOUBLE LINE, ACCESSORIES INCLUDED

Modello / Model

4397 (KIT P-EASY)

SISTEMA PNEUMATICO EUROGRIP: KIT CONNESSIONI P-EASY

EUROGRIP PNEUMATIC SYSTEM: P-EASY CONNECTION KIT

DESCRIZIONE

Assieme dei componenti necessari per installare e collegare il sistema P-EASY.

DESCRIPTION

Assembly of hardware required for installing and connecting the P-EASY system

Modello / Model

4381 (KIT P-TOP)

SISTEMA PNEUMATICO EUROGRIP: KIT CONNESSIONI P-TOP

EUROGRIP PNEUMATIC SYSTEM: P-TOP CONNECTION KIT

DESCRIZIONE

Assieme dei componenti necessari per installare e collegare il sistema P-TOP.

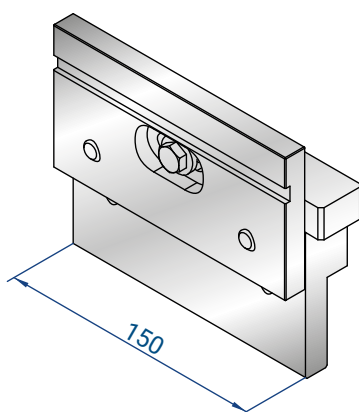
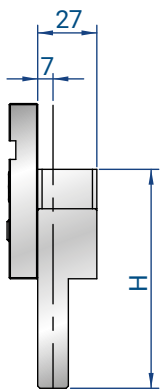
DESCRIPTION

Hardware kit required for installing and connecting the P-TOP system.

INTERMEDIARI REGISTRABILI ADJUSTABLE INTERMEDIATES

GLI INTERMEDIARI REGISTRABILI (COMPLETI CON CUNEO PER CENTINATURA) POTREBBERO ESSERE FORNITI IN VERSIONE MONOLITICA OPPURE ASSEMBLATA (CORPO INTERMEDIARIO + PIASTRA FRONTALE)

THE ADJUSTABLE INTERMEDIATES (ASSEMBLED WITH THE ADJUSTABLE WEDGE) COULD BE SUPPLIED IN MONOLITHIC VERSION OR IN THE ASSEMBLED VERSION (INTERMEDIATE BODY + FRONT PLATE)



4221

H = 100

150 mm 3,8 kg

4222

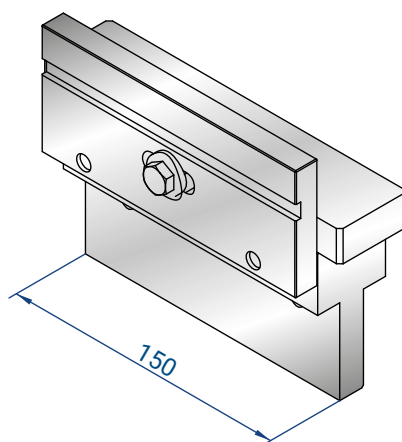
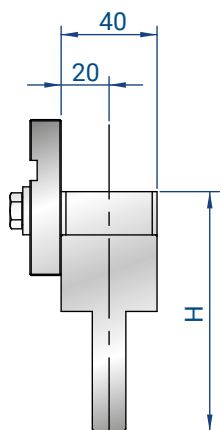
H = 120

150 mm 4,8 kg

4223

H = 150

150 mm 5,8 kg



4224

H = 100

150 mm 3,5 kg

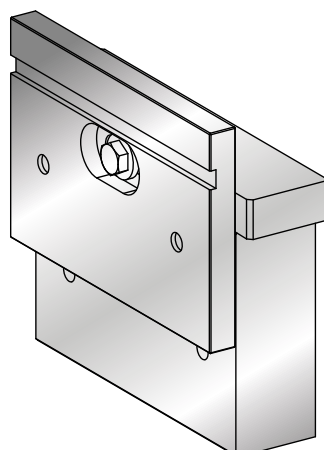
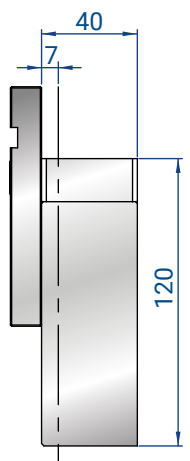
SOLO COMPATIBILE
CON STAFFA 5012

COMPATIBLE ONLY
WITH CLAMP 5012

4225

H = 120

150 mm 4,5 kg



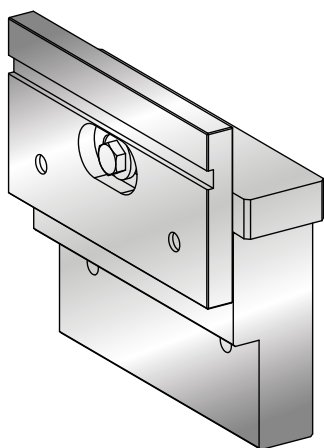
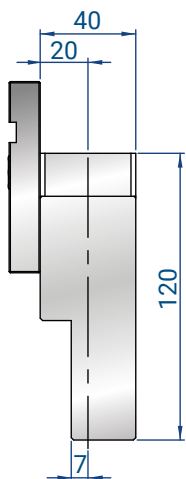
4073 - HD

H = 120

150 mm 7,2 kg

PER ALTI
TONNELLAGGI
HEAVY DUTY

**INTERMEDIARI REGISTRABILI
ADJUSTABLE INTERMEDIATES**



4411-HD

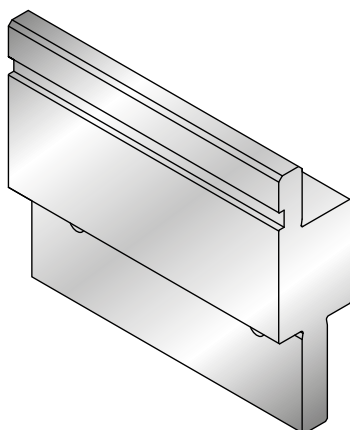
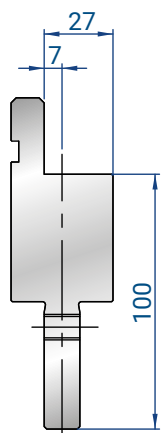
H = 120

150 mm 6,1 kg

PER ALTI
TONNELLAGGI

HEAVY DUTY

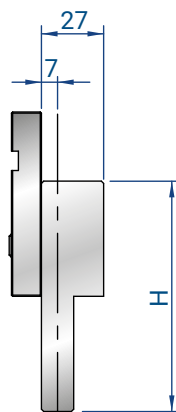
INTERMEDIARI FISSI / FIXED INTERMEDIATES



4282

H = 100

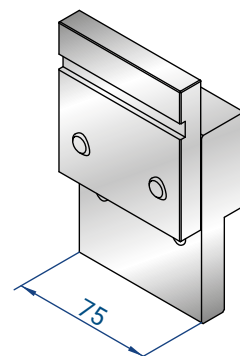
150 mm 3,8 kg



4226

H = 100

75 mm 3,8 kg



4227

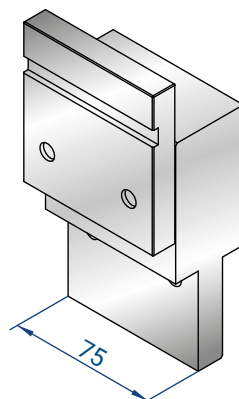
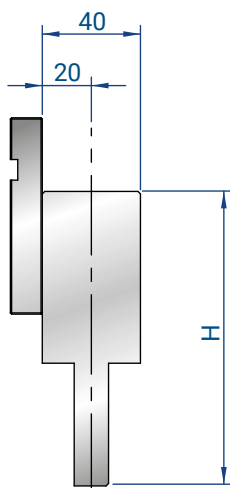
H = 150

75 mm 5,8 kg

4228

H = 120

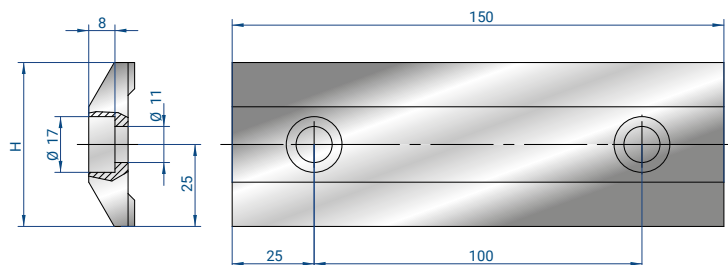
75 mm 4,5 kg



STAFFE / CLAMPS

LE VITI STANDARD M10X35 VERRANNO INCLUSE SOLO PER ORDINI RELATIVI ALL'INTERMEDIARIO PIU' STAFFA ASSIEME

THE STANDARD SCREWS M10X35 WILL BE INCLUDED ONLY FOR ORDERS RELATED TO INTERMEDIATE PLUS CLAMP ASSEMBLIES



4016

H = 50

150 mm 0,4 kg

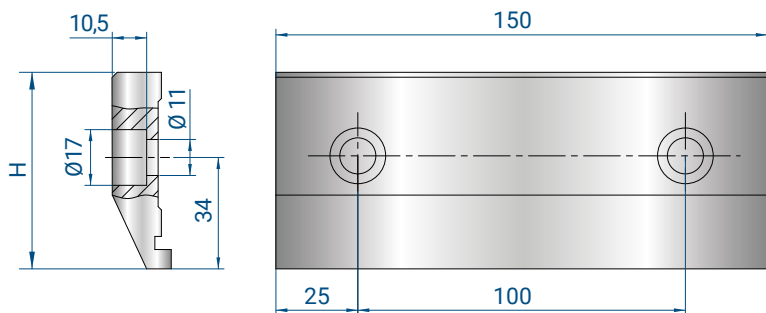
5013

H = 43

150 mm 0,4 kg

DA INSTALLARE UTILIZZANDO VITI STANDARD M10X35

TO BE INSTALLED WITH STANDARD SCREWS M10X35



4020

H = 60

150 mm 0,8 kg

5012

H = 52

150 mm 0,8 kg

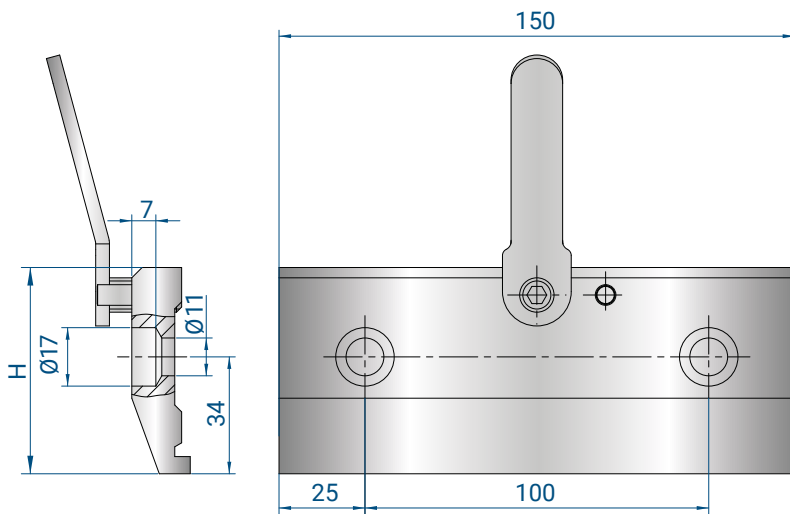
DA INSTALLARE UTILIZZANDO VITI STANDARD M10X35

TO BE INSTALLED WITH STANDARD SCREWS M10X35

✘ #4000; #4224

✔ #4000; #4224





4021

H = 60

150 mm 0,8 kg

✗ #4000; #4224

5011

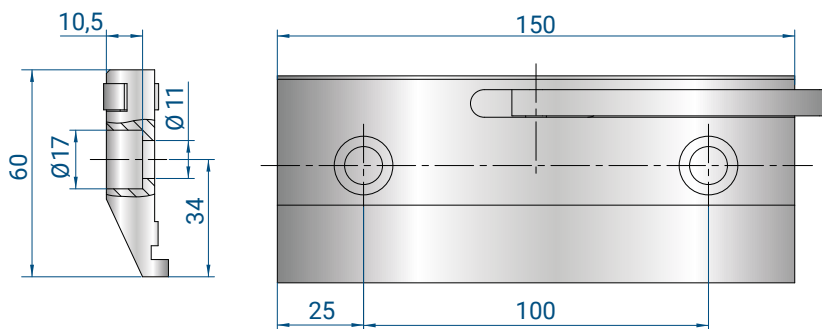
H = 52

150 mm 0,8 kg

✓ #4000

DA INSTALLARE UTILIZZANDO LE VITI SPECIALI 4281 "(IN DOTAZIONE)"

TO BE INSTALLED WITH SPECIAL SCREWS 4281 "(SUPPLIED WITH THE CLAMP)"



4009

H = 60

150 mm 0,8 kg

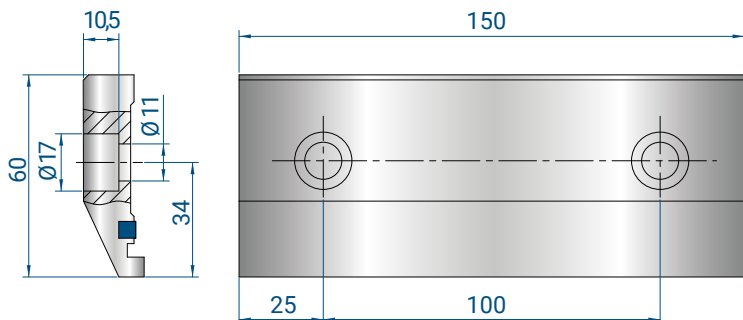
✗ #4000; #4001; #4224

DA INSTALLARE UTILIZZANDO VITI STANDARD M10X35

TO BE INSTALLED WITH STANDARD SCREWS M10X35

LE VITI STANDARD M10X35 VERRANNO INCLUSE SOLO PER ORDINI RELATIVI AD ASSIEME INTERMEDIO PIU' STAFFA

THE STANDARD SCREWS M10X35 WILL BE INCLUDED ONLY FOR ORDERS RELATED TO INTERMEDIATE PLUS CLAMP ASSEMBLIES



4199

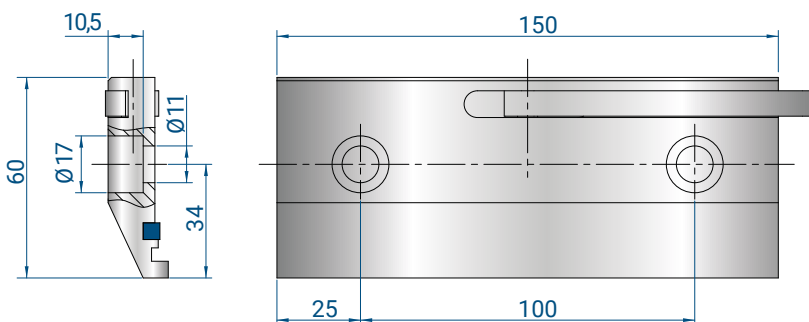
DA INSTALLARE UTILIZZANDO VITI STANDARD M10X35

H = 60

TO BE INSTALLED WITH STANDARD SCREWS M10X35

150 mm 0,8 kg

✕ #4000; #4001; #4224



4220

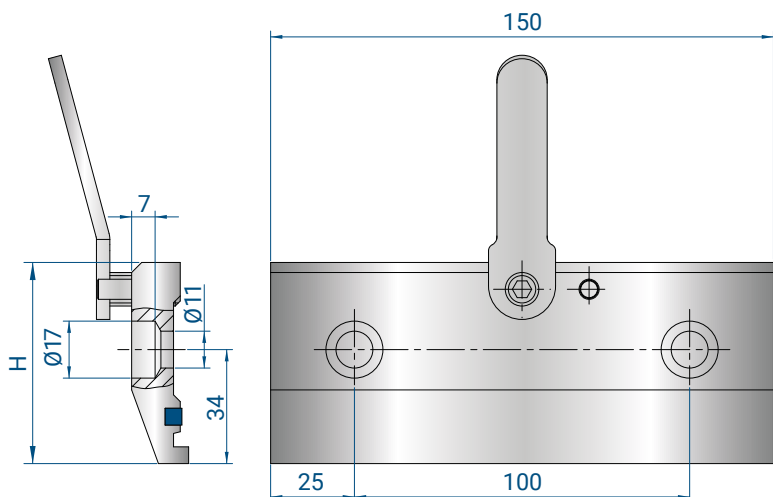
DA INSTALLARE UTILIZZANDO VITI STANDARD M10X35

H = 60

TO BE INSTALLED WITH STANDARD SCREWS M10X35

150 mm 0,8 kg

✕ #4000; #4001; #4224



4219

DA INSTALLARE UTILIZZANDO LE VITI SPECIALI 4281 "(IN DOTAZIONE)"

H = 60

TO BE INSTALLED WITH SPECIAL SCREWS 4281 (SUPPLIED WITH THE CLAMP)

150 mm 0,8 kg

✕ #4000; #4224

4349

LISTELLO IN POLIURETANO, RICAMBIO PER STAFFA:

POLYURETHANE STRIP, SPARE PART FOR:

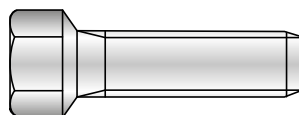
#4199; #4220; #4219

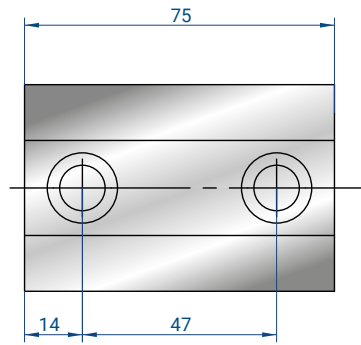
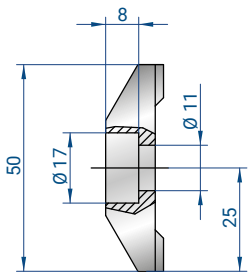


4281

VITI SPECIALI PER STAFFE 4021-5011-4219-4007, FORNITE CON STAFFA

SPECIAL SCREWS FOR CLAMPS 4021-5011-4219-4007, SUPPLIED WITH CLAMP





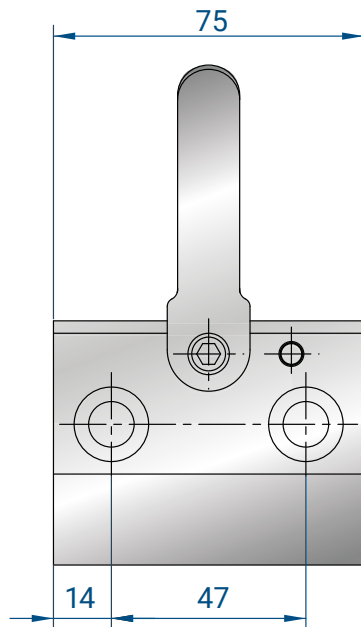
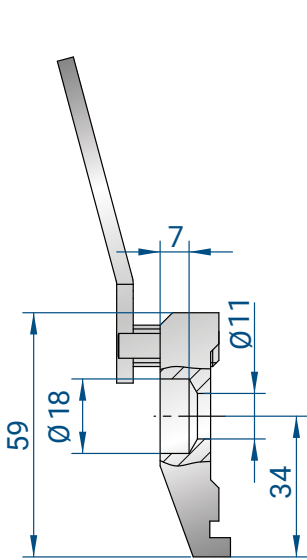
4008

DA INSTALLARE
UTILIZZANDO VITI
STANDARD M10X35

H = 50

75 mm 0,2 kg

TO BE INSTALLED WITH
STANDARD SCREWS
M10X35



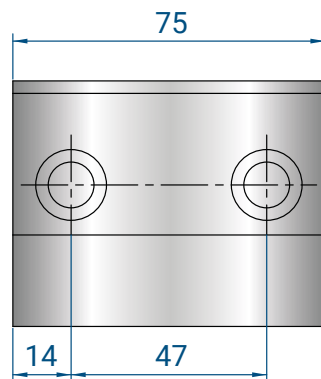
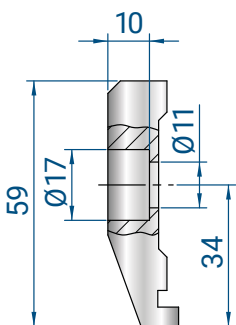
4007

DA INSTALLARE
UTILIZZANDO LE VITI
SPECIALI 4281

H = 59

75 mm 0,4 kg

TO BE INSTALLED WITH
SPECIAL SCREWS 4281



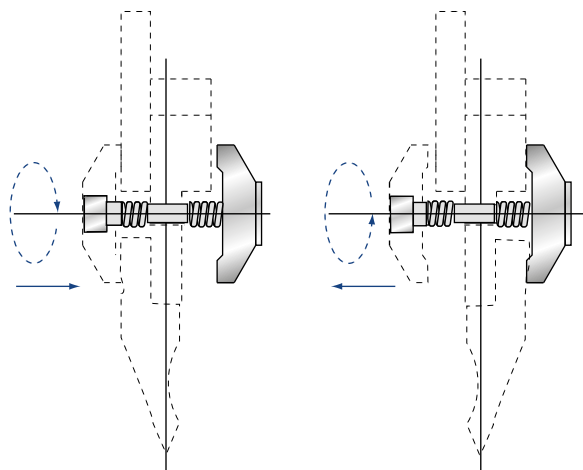
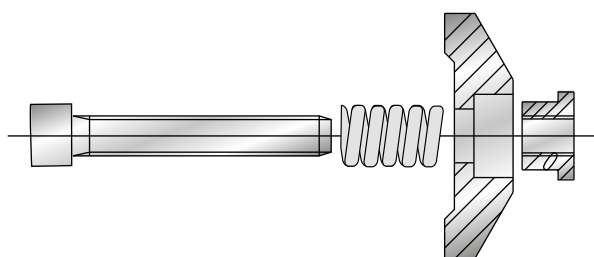
4090

DA INSTALLARE
UTILIZZANDO VITI
STANDARD M10X35

H = 59

75 mm 0,4 kg

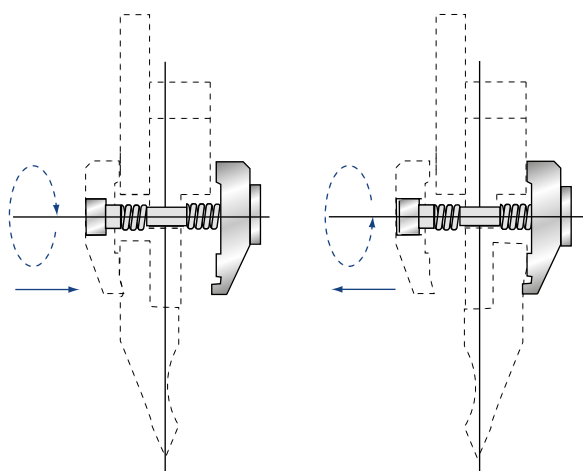
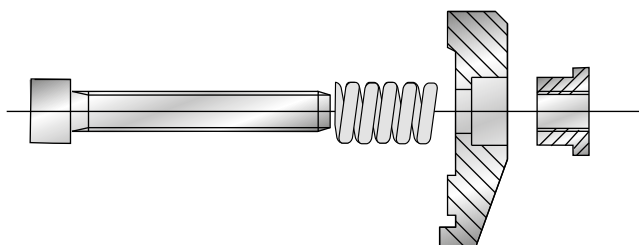
TO BE INSTALLED WITH
STANDARD SCREWS
M10X35



4031

KIT PER DOPPIO STAFFAGGIO
EQUIPMENT FOR DOUBLE CLAMPING

| | |
|--------|--------|
| 150 mm | 1,0 kg |
|--------|--------|

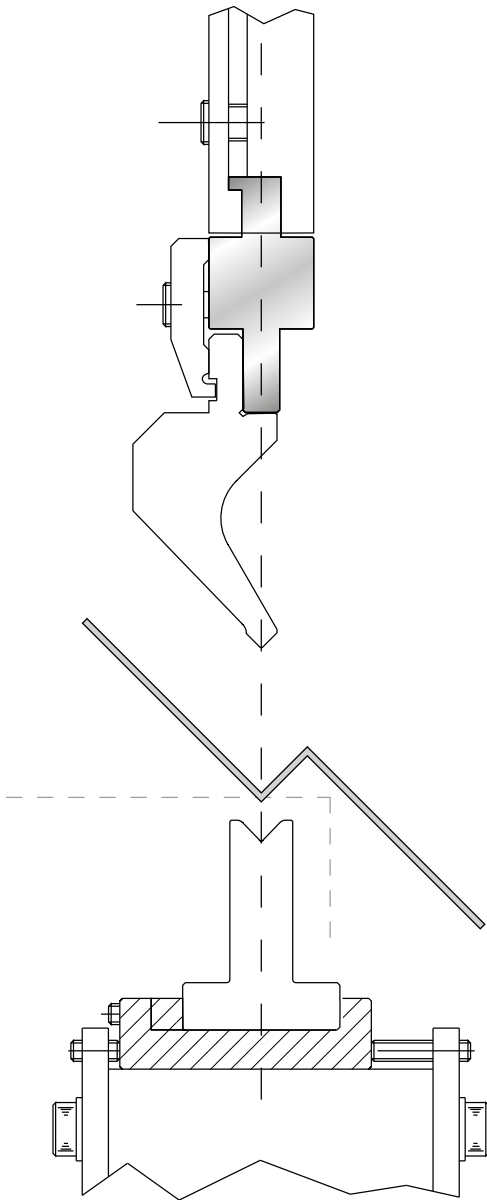


4032

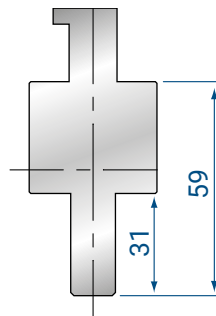
KIT PER DOPPIO STAFFAGGIO
EQUIPMENT FOR DOUBLE CLAMPING

| | |
|--------|--------|
| 150 mm | 1,5 kg |
|--------|--------|

ADATTATORI GENERICI PER UTENSILI SUPERIORI AMADA/PROMECAM STYLE
 GENERIC UPPER ADAPTERS FOR AMADA/PROMECAM STYLE TOOLING



ORDINE MINIMO N. 5 ADATTATORI
 MINIMUM ORDER N. 5 ADAPTERS

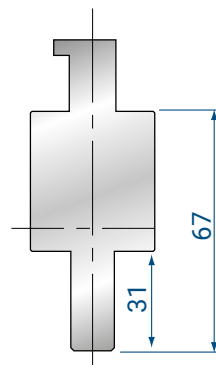


4000

150 mm 1,5 kg

STAFFA / CLAMP

5011; 5012

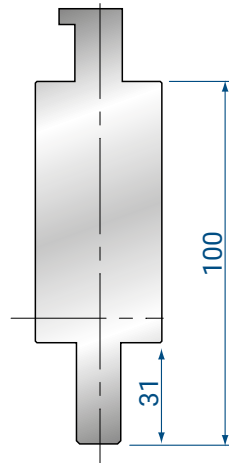


4001

150 mm 1,5 kg

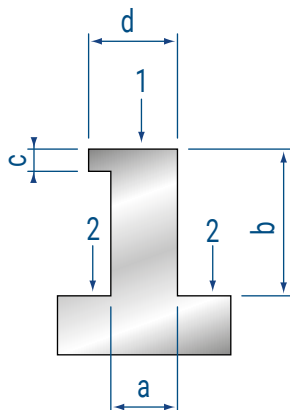
STAFFA / CLAMP

Max H = 60mm



4002

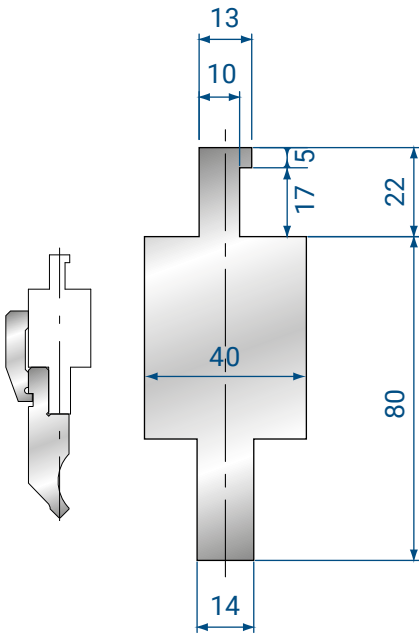
150 mm 1,5 kg



| | 1 | 2 |
|-----|---|---|
| a = | | |
| b = | | |
| c = | | |
| d = | | |

INDICARE QUOTE D'ATTACCO
 E PUNTI DI SPINTA. (1)

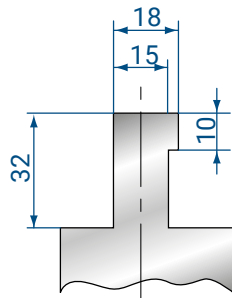
PLEASE MARK CONTACT POINTS
 AND PRESSURE POINTS (2)



4143

LVD STYLE S
 (small)
 STANDARD

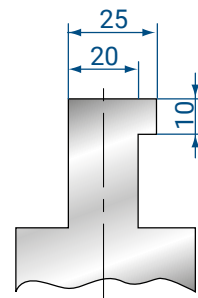
150 mm 3,0 kg



4144

LVD STYLE M
 (medium)
 SPECIAL

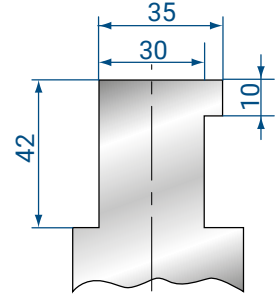
150 mm 3,0 kg



4145

LVD STYLE L
 (large)
 SPECIAL

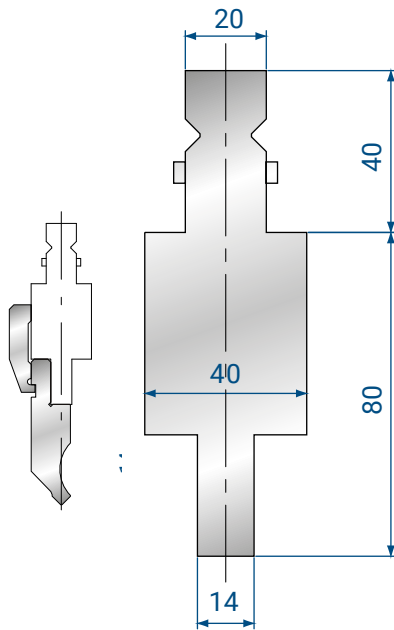
150 mm 3,0 kg



4146

LVD STYLE XL
 (Extra Large)
 SPECIAL

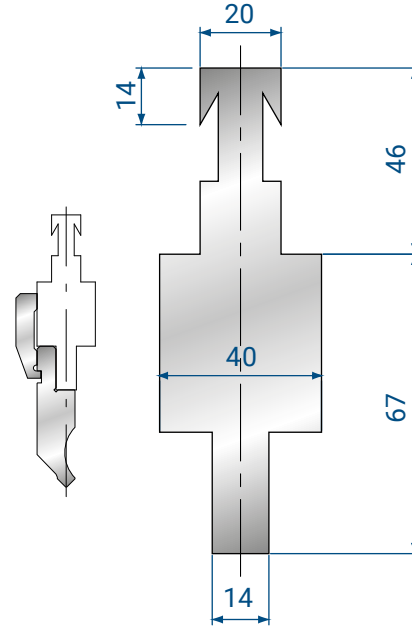
150 mm 3,0 kg



4191

TRUMPF/WILA
 STYLE

150 mm 4,0 kg

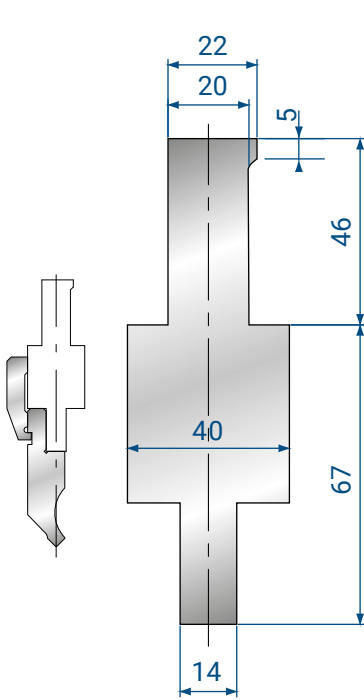


4192

BYSTRONIC-R
 STYLE

150 mm 3,2 kg

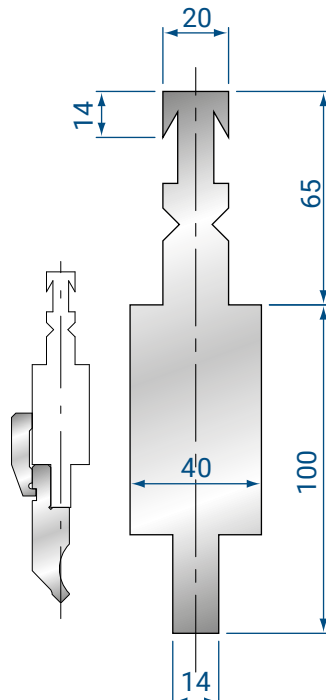
ADATTORI SPECIFICI PER UTENSILI SUPERIORI AMADA/PROMECAM
 SPECIFIC UPPER ADAPTERS FOR AMADA/PROMECAM STYLE TOOLING



4193

BYSTRONIC - S
 STYLE

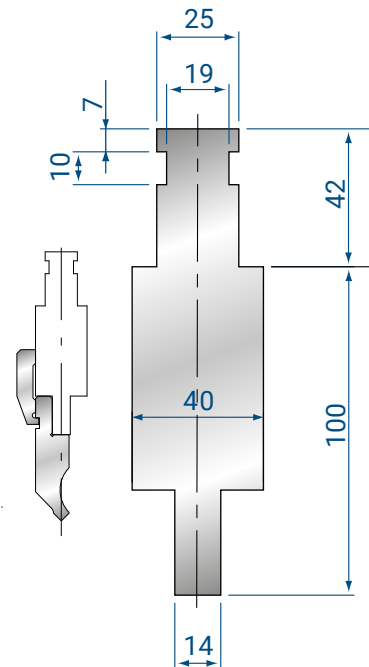
150 mm 3,5 kg



4214

BYSTRONIC -
 RF-A STYLE

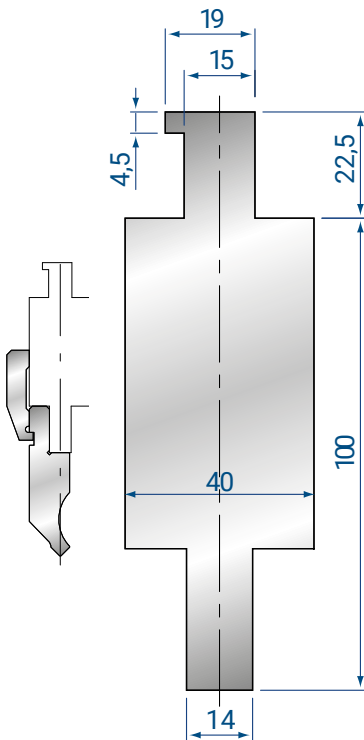
150 mm 5,0 kg



4215

WEINBRENNER
 STYLE

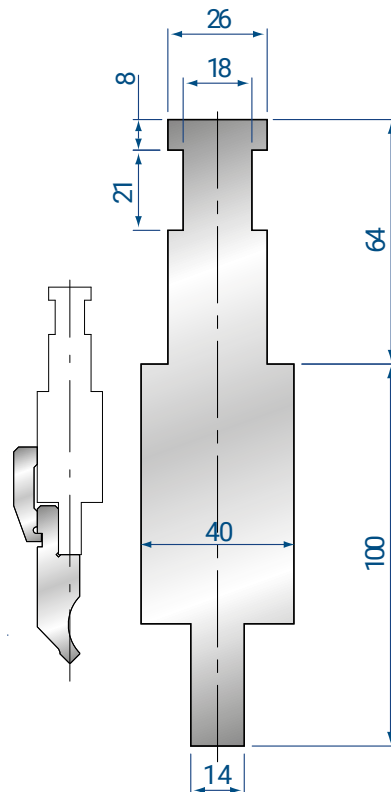
150 mm 5,0 kg



4216

CBC STYLE

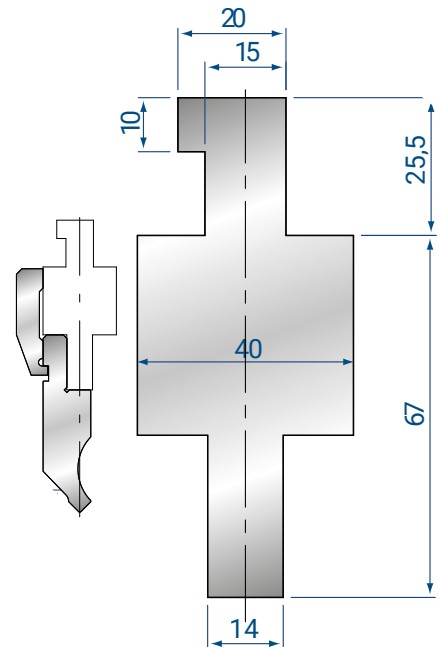
150 mm 4,5 kg



4217

EHT STYLE

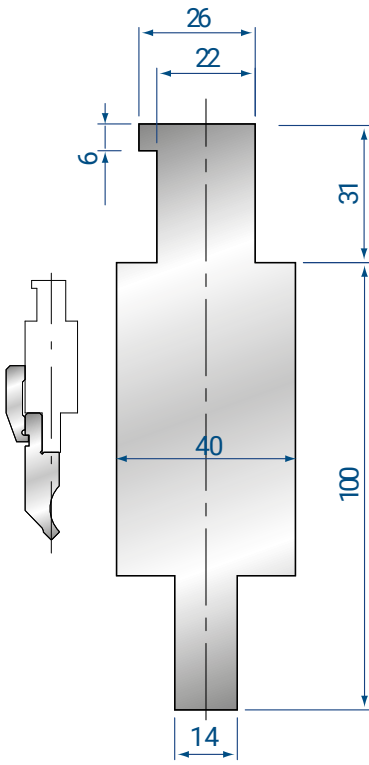
150 mm 5,5 kg



4218

DURMAZLAR
 STYLE

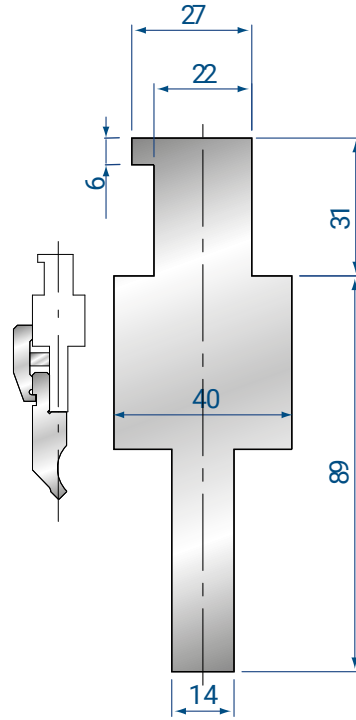
150 mm 3,0 kg



4229

DARLEY STYLE

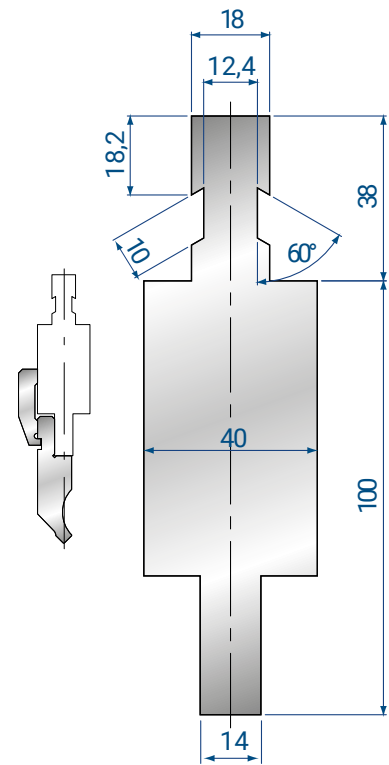
150 mm 4,5 kg



4272

BAYKAL STYLE

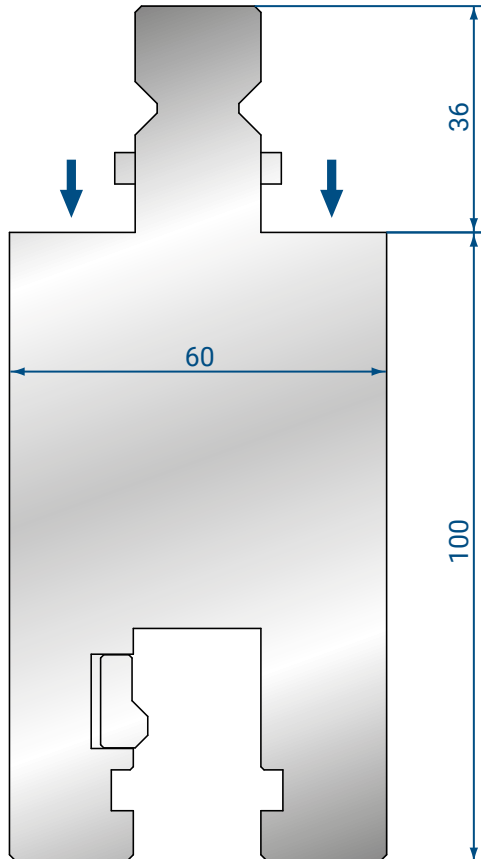
150 mm 4,5 kg



4273

COLGAR STYLE

150 mm 5,0 kg

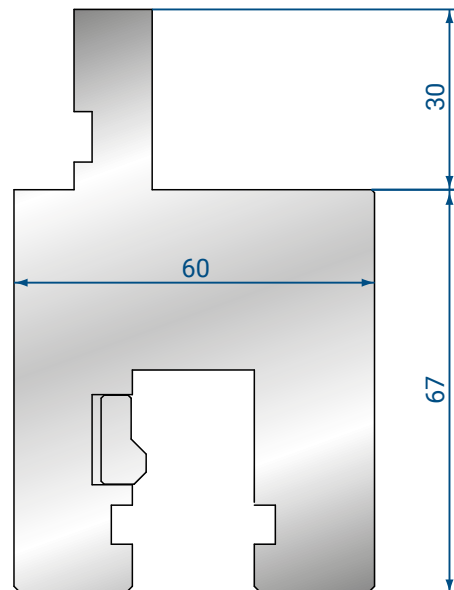


4361

PROLUNGA / EXTENTION FOR TRUMPF / WILA STYLE

H = 100

150 mm 6,9 kg

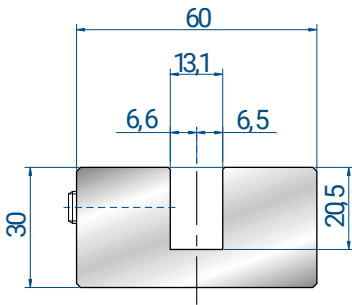


4362

ADATTATORE / ADAPTER FROM AMADA STYLE TO TRUMPF / WILA STYLE

H = 67

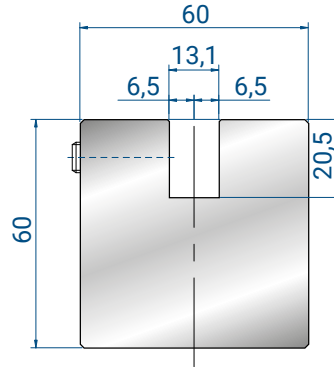
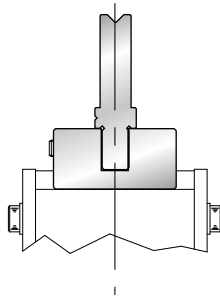
150 mm 4,0 kg



4301

FROM AMADA STYLE
TO TRUMPF - WILA -
BYSTRONIC STYLE

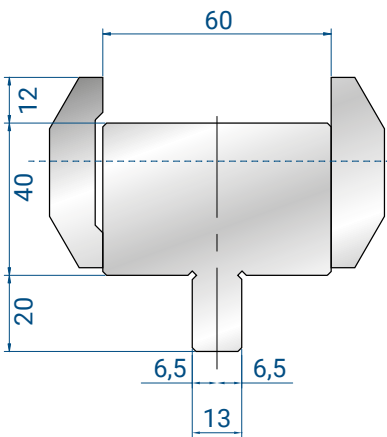
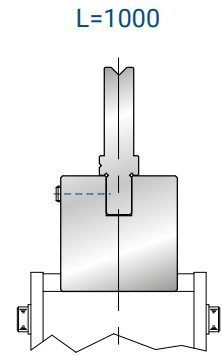
| | |
|---------|---------|
| 1000 mm | 12,0 kg |
| 500 mm | 6,0 kg |



4302

FROM AMADA STYLE
TO TRUMPF - WILA -
BYSTRONIC STYLE

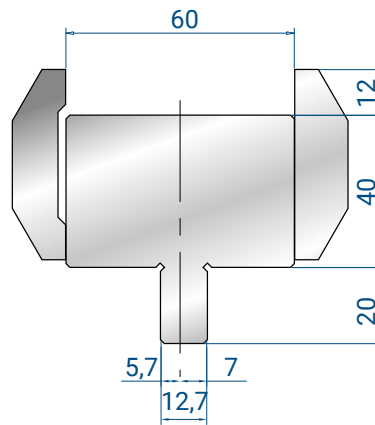
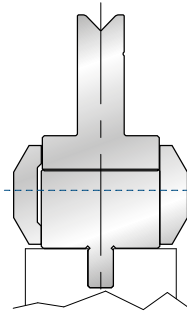
| | |
|---------|---------|
| 1000 mm | 26,0 kg |
| 500 mm | 13,0 kg |



4303

FROM TRUMPF - WILA - BYSTRONIC
STYLE TO AMADA STYLE

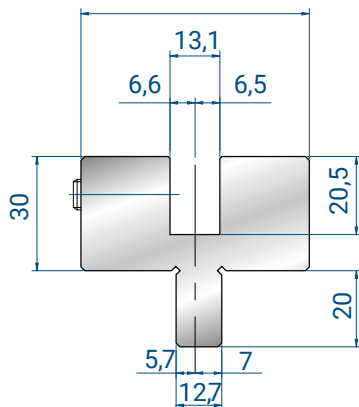
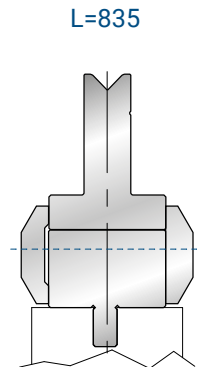
| | |
|--------|---------|
| 835 mm | 25,0 kg |
| 415 mm | 12,0 kg |



4304

FROM LVD STYLE TO
AMADA STYLE

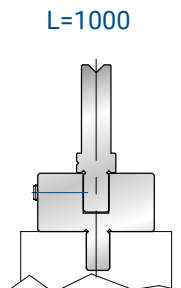
| | |
|--------|---------|
| 835 mm | 25,0 kg |
| 415 mm | 12,0 kg |



4305

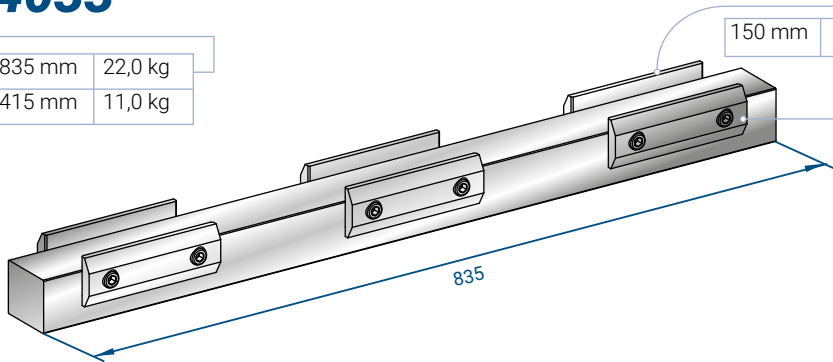
FROM LVD STYLE TO TRUMPF -
WILA - BYSTRONIC STYLE

| | |
|---------|---------|
| 1000 mm | 11,0 kg |
| 500 mm | 5,0 kg |



4033

| | |
|--------|---------|
| 835 mm | 22,0 kg |
| 415 mm | 11,0 kg |

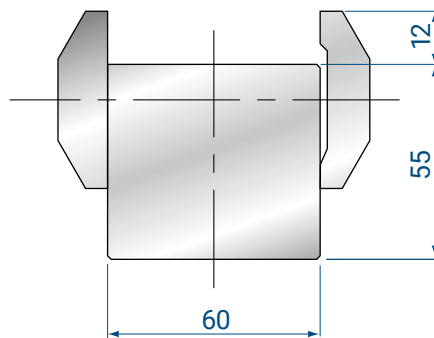


4034

| | |
|--------|--------|
| 150 mm | 0,4 kg |
|--------|--------|

4016

| | |
|--------|--------|
| 150 mm | 0,4 kg |
|--------|--------|

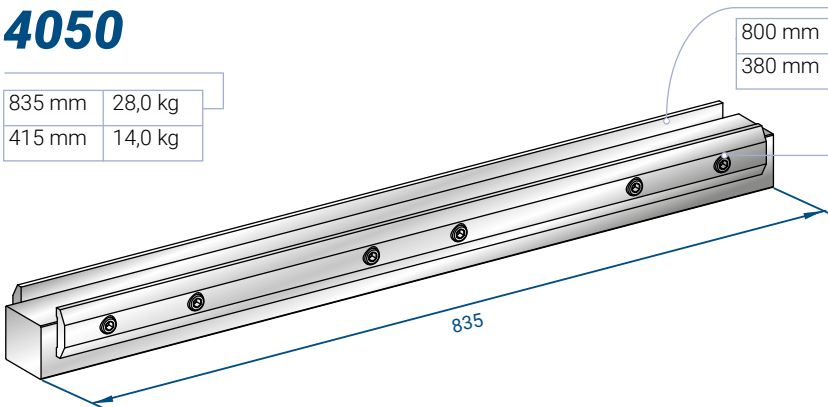


**CONTROTAVOLA
AMADA STYLE**

*AMADA STYLE
LOWER ADAPTER*

4050

| | |
|--------|---------|
| 835 mm | 28,0 kg |
| 415 mm | 14,0 kg |

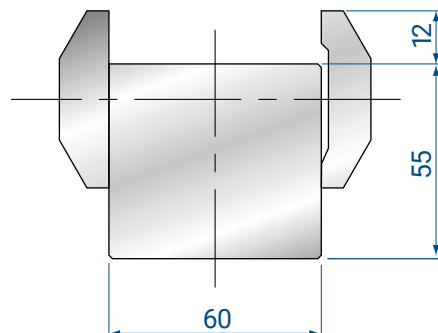


4041

| | |
|--------|--------|
| 800 mm | 1,0 kg |
| 380 mm | 0,5 kg |

4040

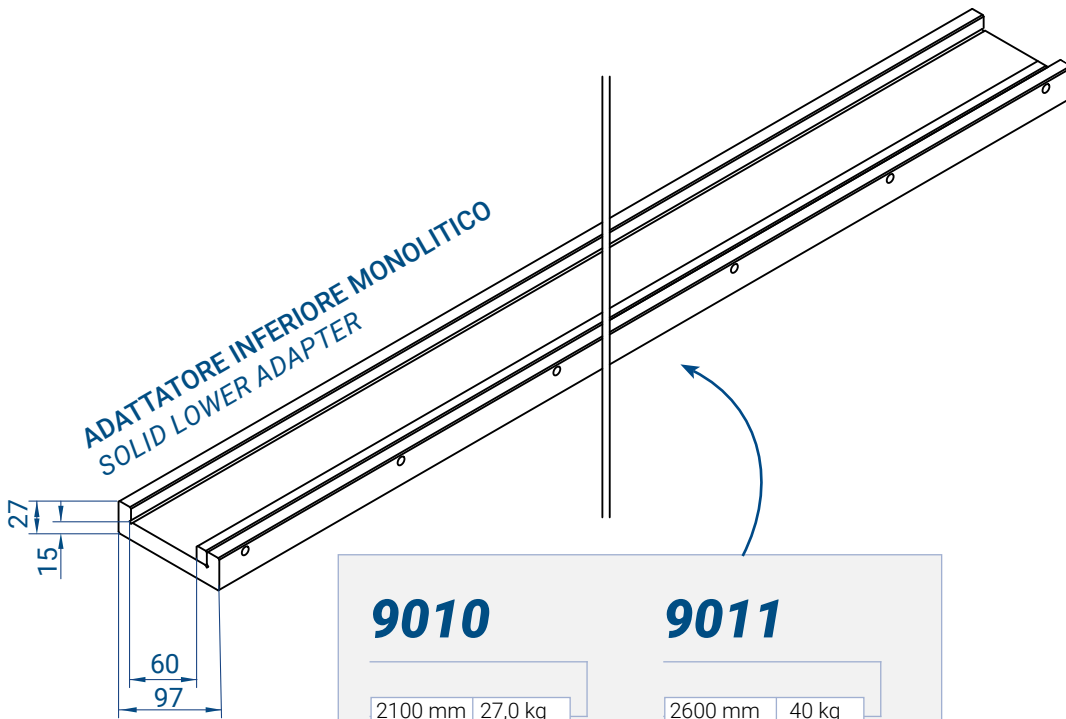
| | |
|--------|--------|
| 800 mm | 1,0 kg |
| 380 mm | 0,5 kg |



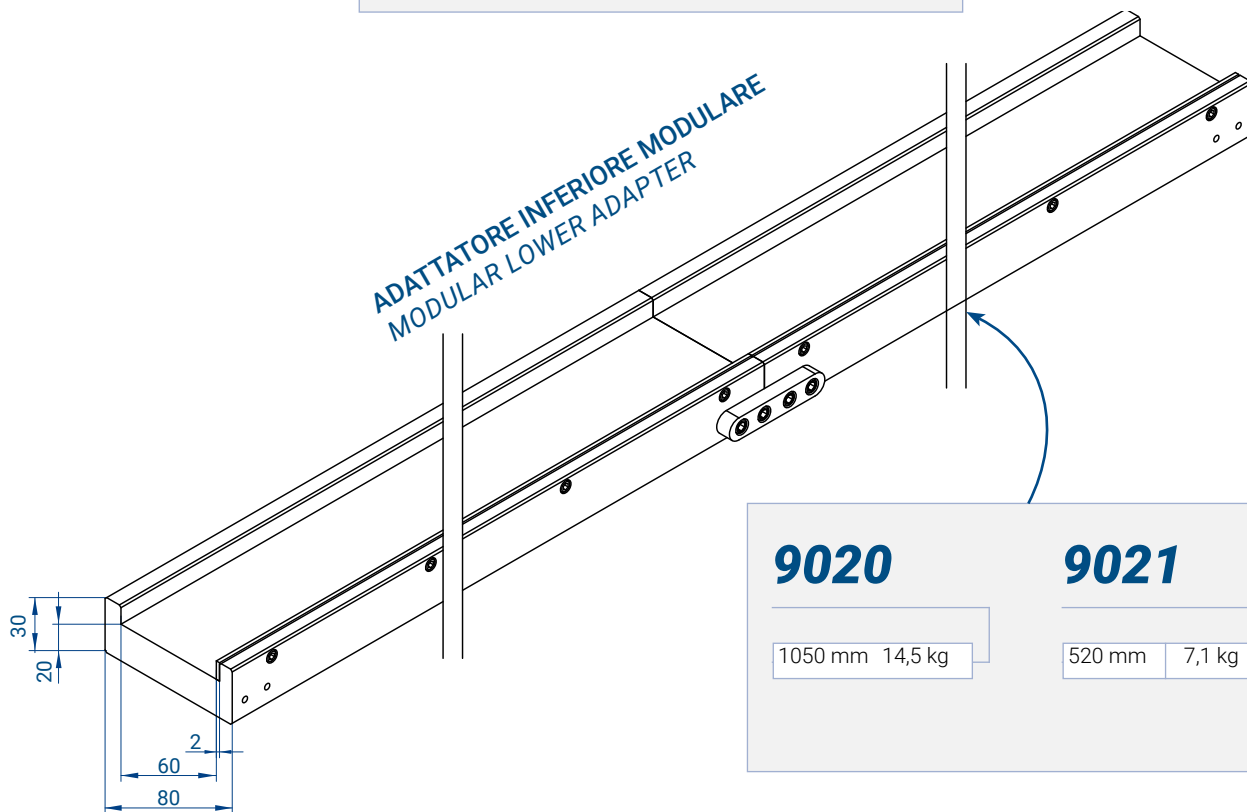
**CONTROTAVOLA
AMADA STYLE**

*AMADA STYLE
LOWER ADAPTER*

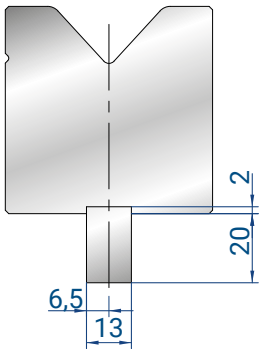
ADATTATORI PER UTENSILI INFERIORI STILE AMADA/PROMECAM
 LOWER ADAPTERS FOR LOWER TOOLING AMADA/PROMECAM STYLE



| | |
|-----------------|-----------------|
| 9010 | 9011 |
| 2100 mm 27,0 kg | 2600 mm 40 kg |
| 9012 | 9013 |
| 3100 mm 34,0 kg | 4100 mm 53,0 kg |



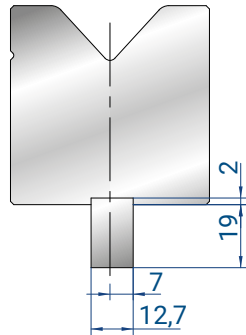
| | |
|-----------------|---------------|
| 9020 | 9021 |
| 1050 mm 14,5 kg | 520 mm 7,1 kg |



8100

BYSTRONIC /
TRUMPF STYLE

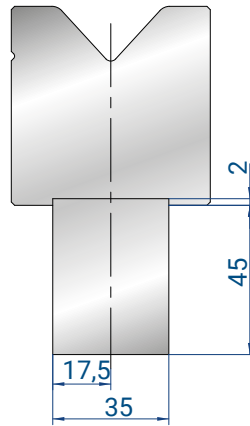
| | |
|--------|--------|
| 835 mm | 1,8 kg |
| 415 mm | 0,9 kg |



8101

LVD STYLE

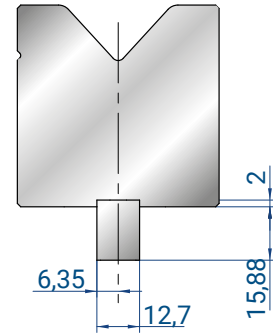
| | |
|--------|--------|
| 835 mm | 1,8 kg |
| 415 mm | 0,9 kg |



8102

WEINBRENNER
STYLE

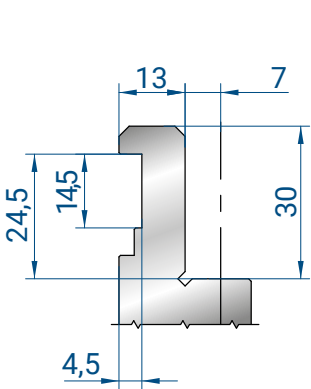
| | |
|--------|---------|
| 835 mm | 10,5 kg |
| 415 mm | 5,2 kg |



8107

AMERICAN
STYLE

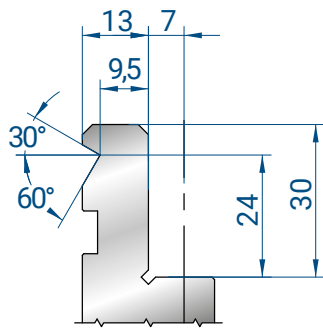
| | |
|--------|--------|
| 835 mm | 1,4 kg |
| 415 mm | 0,7 kg |



8010

BARRETTA
STYLE

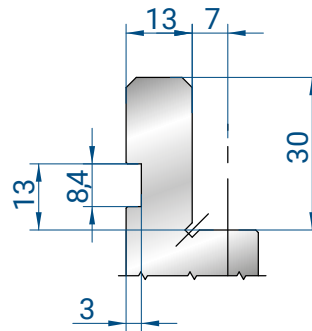
| |
|---------------------|
| 835 mm |
| 415 mm |
| 805 mm SEZIONATO |



8011

BMB STYLE

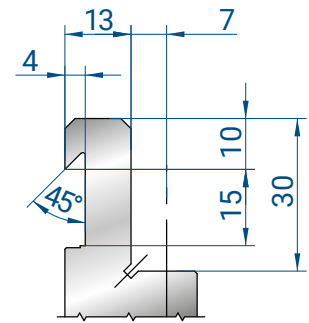
| |
|---------------------|
| 835 mm |
| 415 mm |
| 805 mm SEZIONATO |



8012

AMADA /
PROMECAM
STYLE

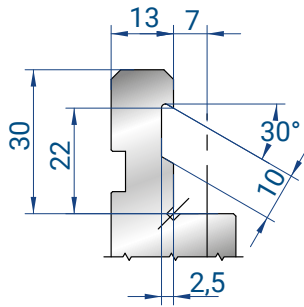
STANDARD



8013

GASPARINI
STYLE

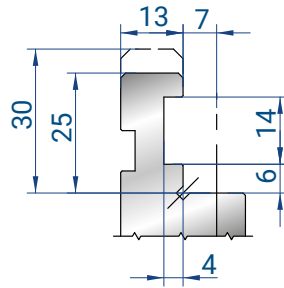
| |
|---------------------|
| 835 mm |
| 415 mm |
| 805 mm SEZIONATO |



8014

TEDA STYLE

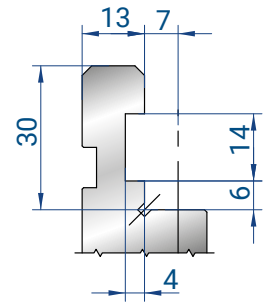
| |
|------------------|
| 835 mm |
| 415 mm |
| 805 mm SEZIONATO |



8016

EURO
BYSTRONIC
STYLE

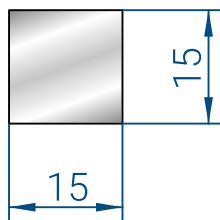
| |
|------------------|
| 835 mm |
| 415 mm |
| 805 mm SEZIONATO |



8017

BYSTRONIC
STYLE

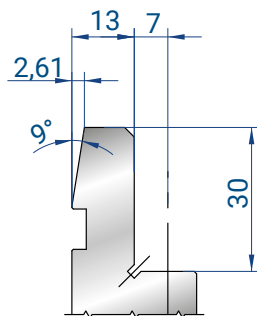
| |
|------------------|
| 835 mm |
| 415 mm |
| 805 mm SEZIONATO |



8106

TRAFILATI 15X15
SQUARE BAR 15X15

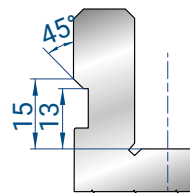
| | |
|--------|--------|
| 835 mm | 2,9 kg |
|--------|--------|



8020

ONE TOUCH
STYLE

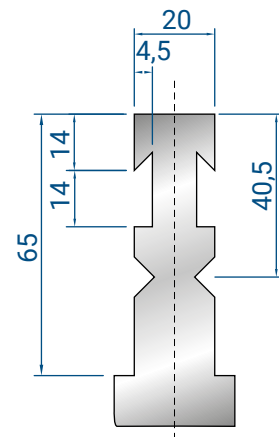
| |
|------------------|
| 835 mm |
| 415 mm |
| 805 mm SEZIONATO |



8021

SMART CLAMP
STYLE

| |
|------------------|
| 835 mm |
| 415 mm |
| 805 mm SEZIONATO |



8022

BYSTRONIC
RF - A STYLE

INCLUDED
ON DEMAND

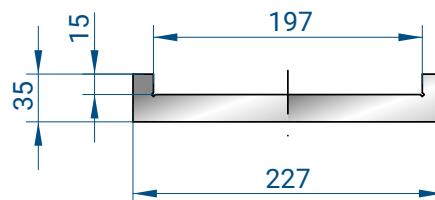
SUPPORTI INFERIORI PER MATRICI REGOLABILI LOWER HOLDER FOR ADJUSTABLE DIES

SUPPORTI SPECIFICI PER OGNI MODELLO DI MATRICE REGOLABILE
SPECIFIC HOLDER FOR EACH ADJUSTABLE DIE HOLDER

9015

| | |
|---------|---------|
| 2000 mm | 80,0 kg |
| 1000 mm | 40,0 kg |
| 500 mm | 20,0 kg |

PER MATRICE / FOR DIE
3190



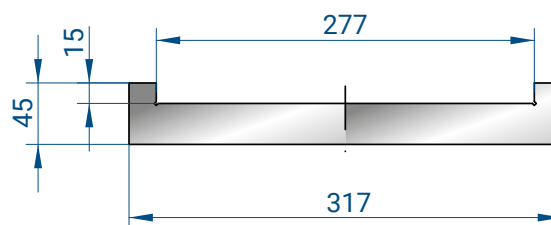
9018

SPECIFICO PER ATTACCO WILA / TRUMPF
WILA / TRUMPF DEDICATED TANG

9016

| | |
|---------|----------|
| 2000 mm | 212,0 kg |
| 1000 mm | 106,0 kg |
| 500 mm | 53,0 kg |

PER MATRICE / FOR DIE
3191



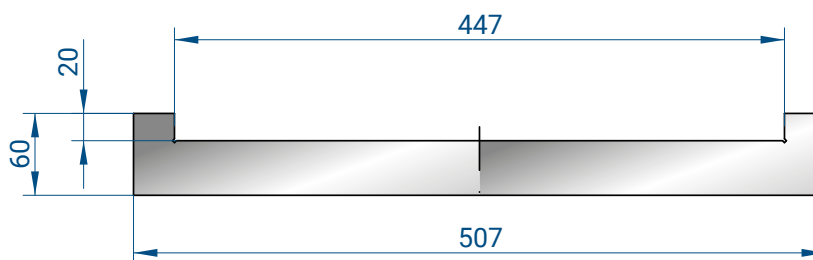
9019

SPECIFICO PER ATTACCO WILA / TRUMPF
WILA / TRUMPF DEDICATED TANG

9014

| | |
|---------|----------|
| 2000 mm | 396,0 kg |
| 1000 mm | 198,0 kg |
| 500 mm | 99,0 kg |

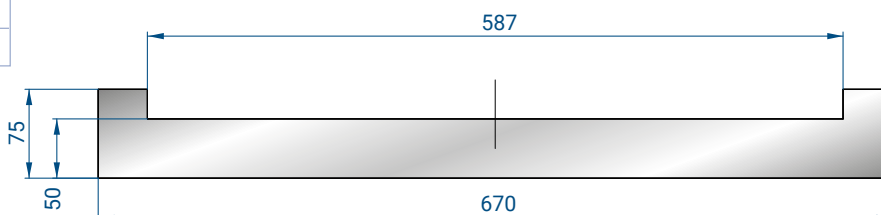
PER MATRICE
FOR DIE
3192



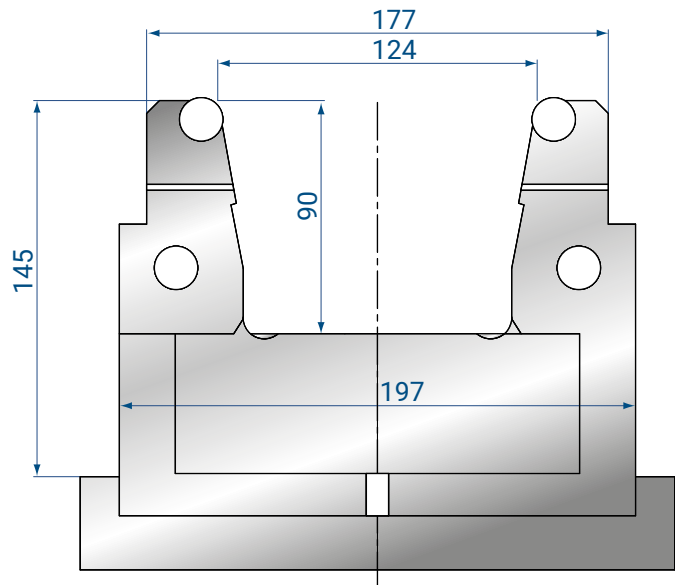
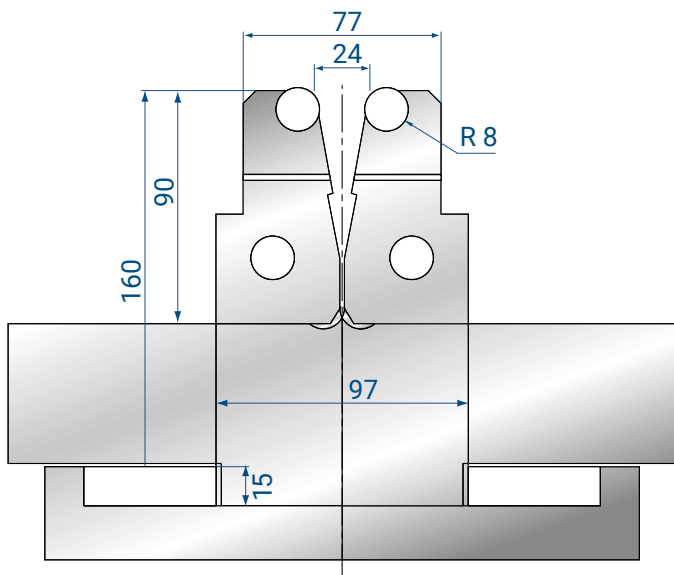
9017

| | |
|---------|----------|
| 2000 mm | 600,0 kg |
| 1000 mm | 300,0 kg |
| 500 mm | 150,0 kg |

PER MATRICE
FOR DIE
3242



OGNI MODELLO DI MATRICE RICHIEDE UNO SPECIFICO SUPPORTO
EACH DIE REQUIRES THE PROPER SUPPORT



3190

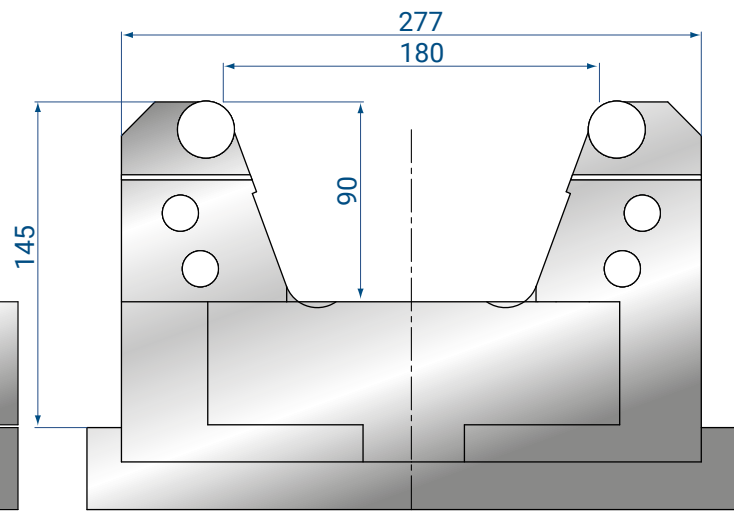
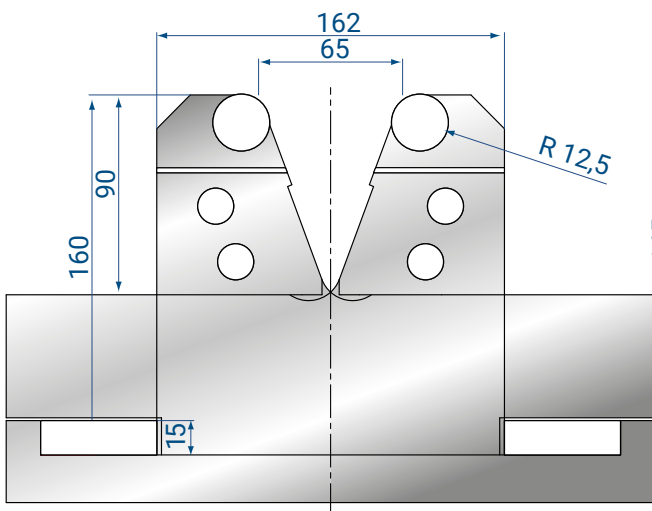
| | |
|---------|----------|
| 1050 mm | 133,0 kg |
| 1000 mm | 125,0 kg |
| 550 mm | 72,0 kg |
| 500 mm | 64,0 kg |
| 250 mm | 34,0kg |

Angolo minimo di piega / Minimum bend angle = 30°

Apertura V / V width = min 24mm – max. 124mm

F Max = 125 Ton/m at 90°

#9015; #9018 (pag 243)



3191

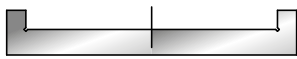
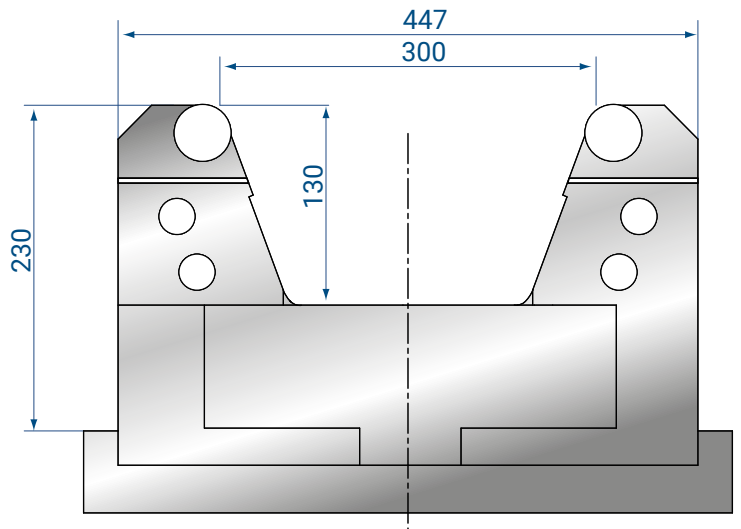
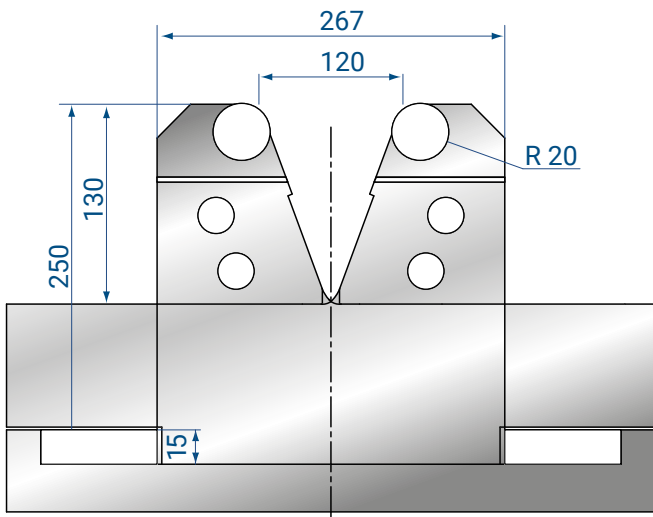
| | |
|---------|----------|
| 1050 mm | 180,0 kg |
| 1000 mm | 170,0 kg |
| 550 mm | 96,0 kg |
| 500 mm | 86,0 kg |
| 250mm | 44,0kg |

Angolo minimo di piega / Minimum bend angle = 60°

Apertura V / V width = min 65mm – max. 180mm

F max = 200 Ton/m at 90°

#9016; #9019 (pag 243)



3192

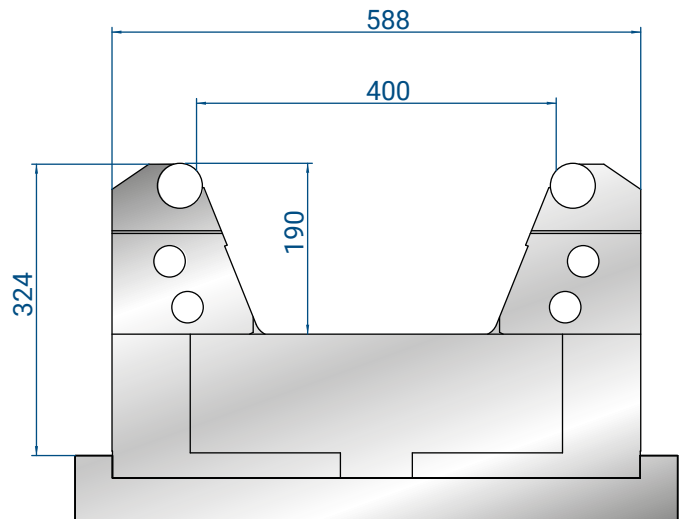
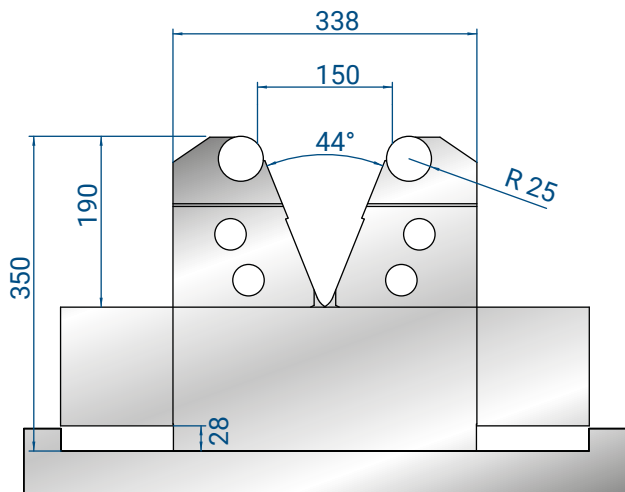
600 mm 360,0 kg

Angolo minimo di piega / Minimum bend angle = 60°

Apertura V / V width = min. 120mm – max. 300mm

F Max = 400 T/m at 90°

#9014 (pag 243)



3243

600 mm 560,0 kg

Angolo minimo di piega / Minimum bend angle = 60°

Apertura V / V width = min 150mm – max. 400mm

F Max = 600 Ton/m at 90°

#9017 (pag 243)



COPPIA DI SUPPORTI PER PELLICOLE / TESSUTI
PROTETTIVI
COUPLE OF SUPPORT FOR PROTECTIVE SHEET / FABRIC

4309

2,0 kg



PELLICOLA DI POLIURETANO ANTIGRAFFIO
SCRATCH-RESISTANT POLYURETHANE FILM

4308

Spessore / *thickness* = 0,5 mm
Larghezza / *width* = 105 mm
Lunghezza / *length* = 33 m
Peso / *weight* = 1,7 kg

4314

Spessore / *thickness* = 0,8 mm
Larghezza / *width* = 95 mm
Lunghezza / *length* = 33 m
Peso / *weight* = 2,7 kg



TESSUTO PROTETTIVO PER PREVENIRE E
RIDURRE ENTITÀ DI MARCATURE SU LAMIERA
PROTECTIVE FABRIC FOR AVOIDING / LIMITING
THE ENTITY OF MARKS OF THE SHEET METAL

4379

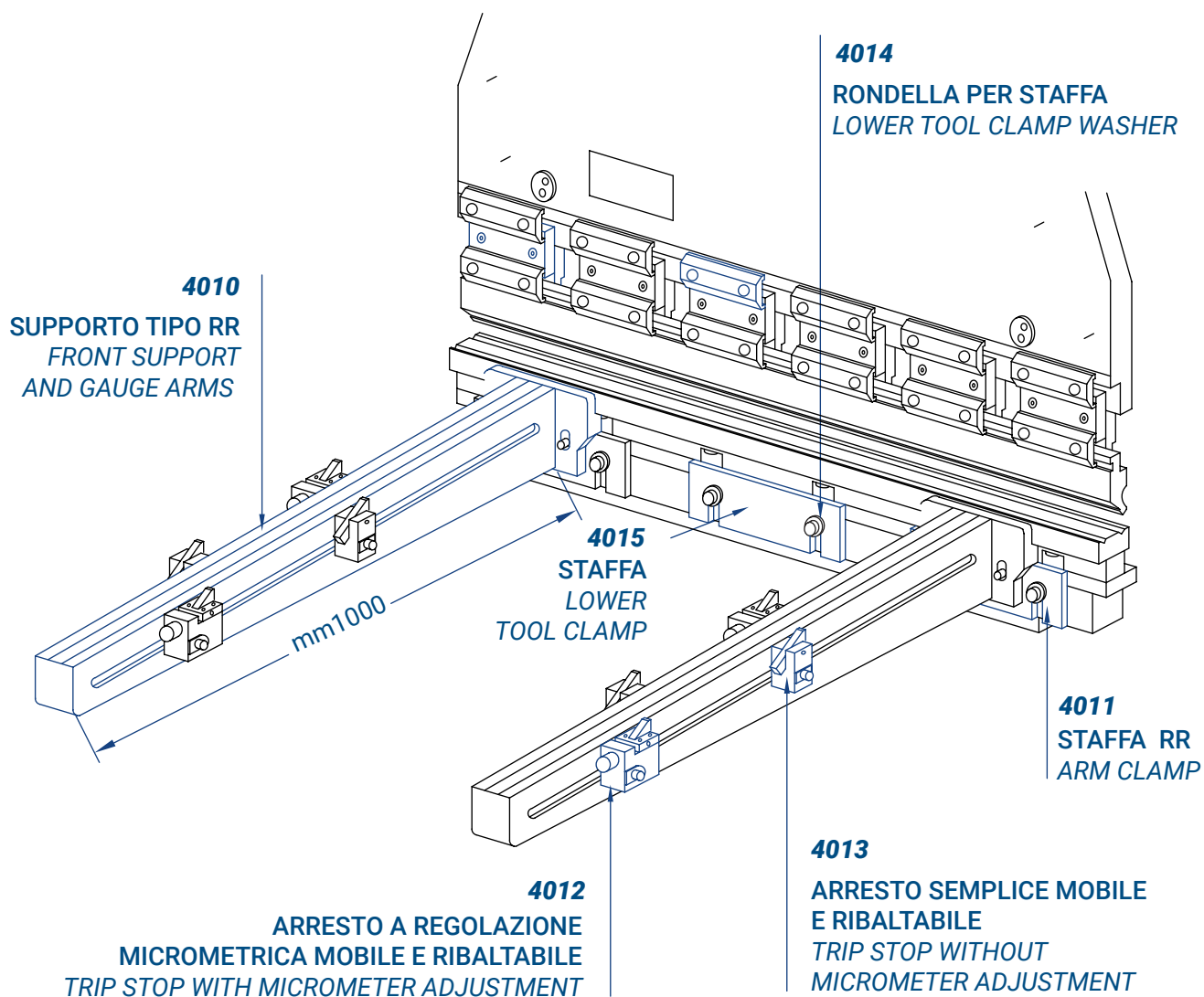
L = 5 m / 0,4 kg
L = 10 m / 0,8 kg
Spessore / *thickness* = Max 3 mm



4380

L = 5 m / 0,4 kg
L = 10 m / 0,8 kg
Spessore / *thickness* = Max 6 mm





4306

SQUADRE DI RIFERIMENTO
REFERENCE SQUARES

3,0 kg



4307

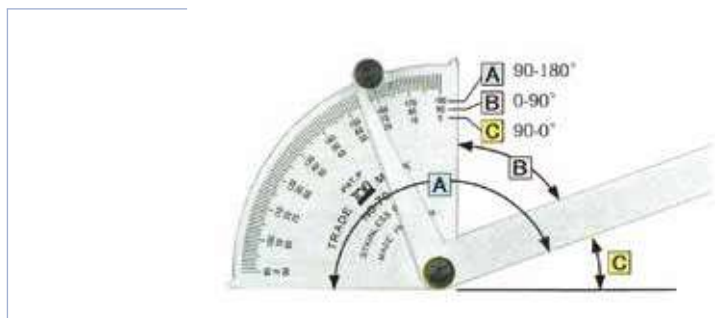
SQUADRE DI RIFERIMENTO ORIENTABILI
ADJUSTSABLE REFERENCE SQUARES

3,5 kg

GONIOMETRO MANUALE PER LA MISURAZIONE DI ANGOLI INTERNI ED ESTERNI CON LA MINIMA INTERFERENZA
MANUAL PROTRACTOR FOR MEASURING INTERNAL AND EXTERNAL ANGLES WITHOUT INTERFERENCE

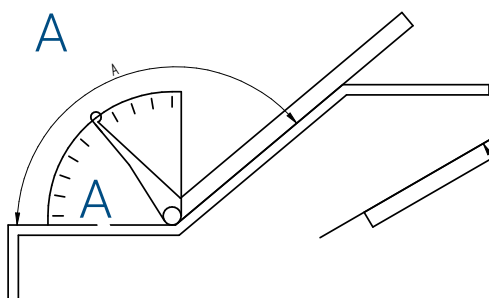
4883

TRIPLA MODALITÀ DI LETTURA
THREE SETS OF READING

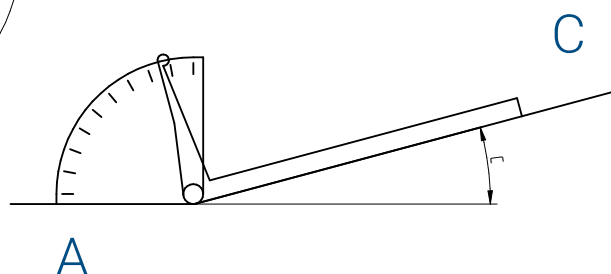
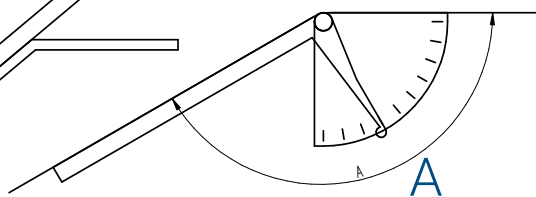


| PRECISIONE ACCURACY | DIMENSIONI DIMENSIONS | UNITÀ GRADUATION | MATERIALE MATERIAL |
|------------------------|--------------------------|---------------------|------------------------|
| +/- 0,2° | L = 255 mm H = 80 mm | 1° | ACCIAIO INOX 1,2 mm |

MODALITÀ DI UTILIZZO
HOW TO USE



MISURA ANGOLO INTERNO
INTERNAL ANGLE MEASUREMENT



MISURA ANGOLO ESTERNO
OUTSIDE ANGLE MEASUREMENT

CALIBRO DIGITALE PER LA MISURA DI SMUSSI A 45° E DI RAGGI
DIGITAL GAUGE FOR 45° CHAMFERS AND RADIUS

4384



Utilizzabile per misurare le dimensioni di smussi a 45° e di raggi
Il pulsante C/R commuta fra misura di smusso (c) e di raggio (r)
Possibilità di effettuare misure assolute e relative
Definizione del punto 0 in qualsiasi posizione
Pezzo campione \varnothing 20 mm per calibrazione compreso nella confezione

*Measures a small 45° chamfer and radius.
The C/R toggles between chamfer and radius measurement
Absolute and relative measurement functions are available
Zero setting at any point
Setting master pin gauge for calibration included*

| | | |
|---|---|--|
| MISURAZIONE <i>MEASUREMENT</i> | Smusso a 45° su angolo retto; raggio esterno di piegatura. <i>45° chamfer on a square corner; outer corner radius.</i> | |
| GAMMA DI MISURAZIONE <i>MEASUREMENT RANGE</i> | Smusso su angoli 45° (C) Raggio su angoli 90° (R) Raggio su angoli acuti ≤ 89° (R) | 0,01 - 15,00 mm 0,01 - 25,00 mm 0,06 - 25,00 mm |
| | <i>Chamfer on angle 45° (C)</i> <i>Radius on angle 90° (R)</i> <i>Radius on acute angles ≤ 89° (R)</i> | <i>0,01 - 15,00 mm</i> <i>0,01 - 25,00 mm</i> <i>0,06 - 25,00 mm</i> |
| RISOLUZIONE <i>RESOLUTION</i> | 0,01 mm | |
| TOLLERANZA <i>ACCURACY</i> | Smussi = +/- 0,05mm <i>Chamfer = +/- 0,05mm</i> | Raggi= +/- 0,08mm <i>Radius= +/- 0,08mm</i> |
| MATERIALE <i>MATERIAL</i> | Acciaio inox <i>Stainless steel</i> | |



ARMADI PORTA UTENSILI / TOOLING CABINETS

COLORE STANDARD NERO / STANDARD COLOUR BLACK



| CODICE CODE | STILE STYLE | ANTE DRAWERS | LUNGHEZZA LENGTH (mm) |
|--------------|---------------------------------|--------------|-----------------------|
| ACARM0NE0003 | Amada | 3 | 835 |
| ACARM1NE0003 | Trumpf / Wila / Bystronic / LVD | 3 | 1100 |
| ACARM2NE0003 | Trumpf / Wila / Bystronic / LVD | 3 | 550 |










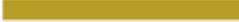
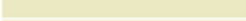



















































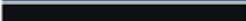







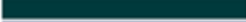
















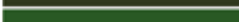














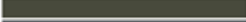
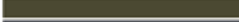








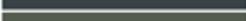

















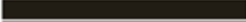








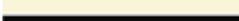

















| CODICE CODE | STILE STYLE | ANTE DRAWERS | LUNGHEZZA LENGTH (mm) |
|--------------|---------------------------------|--------------|-----------------------|
| ACARM0NE0004 | Amada | 4 | 835 |
| ACARM1NE0004 | Trumpf / Wila / Bystronic / LVD | 4 | 1100 |
| ACARM2NE0004 | Trumpf / Wila / Bystronic / LVD | 4 | 550 |



| CODICE CODE | STILE STYLE | ANTE DRAWERS | LUNGHEZZA LENGTH (mm) |
|--------------|---------------------------------|--------------|-----------------------|
| ACARM0NE0005 | Amada | 5 | 835 |
| ACARM1NE0005 | Trumpf / Wila / Bystronic / LVD | 5 | 1100 |
| ACARM2NE0005 | Trumpf / Wila / Bystronic / LVD | 5 | 550 |

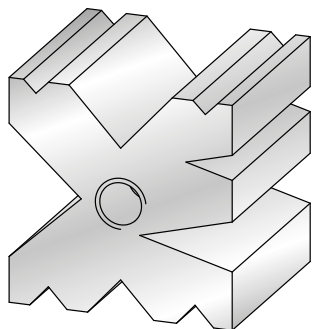


| CODICE CODE | STILE STYLE | ANTE DRAWERS | LUNGHEZZA LENGTH (mm) |
|--------------|--|--------------|-----------------------|
| CARRELLO0005 | Carrello mobile per utensili Amada 5 ripiani - L= 835 mm Mobile trolley for Amada tools 5 shelves - L= 835 mm | | |

| | | | |
|----------|---|----------|--|
| RAL 1001 |  | RAL 1002 |  |
| RAL 1004 |  | RAL 1005 |  |
| RAL 1006 |  | RAL 1007 |  |
| RAL 1011 |  | RAL 1012 |  |
| RAL 1013 |  | RAL 1014 |  |
| RAL 1015 |  | RAL 1017 |  |
| RAL 1018 |  | RAL 1019 |  |
| RAL 1020 |  | RAL 1021 |  |
| RAL 1023 |  | RAL 1028 |  |
| RAL 1032 |  | RAL 1033 |  |
| RAL 1034 |  | RAL 2000 |  |
| RAL 2001 |  | RAL 2002 |  |
| RAL 2003 |  | RAL 2004 |  |
| RAL 2008 |  | RAL 2009 |  |
| RAL 2011 |  | RAL 2012 |  |
| RAL 3000 |  | RAL 3001 |  |
| RAL 3002 |  | RAL 3003 |  |
| RAL 3004 |  | RAL 3005 |  |
| RAL 3009 |  | RAL 3012 |  |
| RAL 3013 |  | RAL 3014 |  |
| RAL 3015 |  | RAL 3016 |  |
| RAL 3017 |  | RAL 3018 |  |
| RAL 3020 |  | RAL 3022 |  |
| RAL 3027 |  | RAL 3031 |  |
| RAL 4001 |  | RAL 4002 |  |
| RAL 4003 |  | RAL 4004 |  |
| RAL 4005 |  | RAL 4006 |  |
| RAL 4007 |  | RAL 4008 |  |
| RAL 4009 |  | RAL 5001 |  |
| RAL 5002 |  | RAL 5003 |  |
| RAL 5004 |  | RAL 5007 |  |
| RAL 5009 |  | RAL 5010 |  |
| RAL 5011 |  | RAL 5012 |  |
| RAL 5013 |  | RAL 5014 |  |
| RAL 5015 |  | RAL 5017 |  |
| RAL 5018 |  | RAL 5019 |  |
| RAL 5020 |  | RAL 5022 |  |
| RAL 5024 |  | RAL 6000 |  |
| RAL 6001 |  | RAL 6002 |  |
| RAL 6003 |  | RAL 6004 |  |
| RAL 6005 |  | RAL 6006 |  |
| RAL 5021 |  | RAL 6007 |  |
| RAL 6009 |  | RAL 6010 |  |
| RAL 6011 |  | RAL 6012 |  |
| RAL 6013 |  | RAL 6014 |  |
| RAL 6016 |  | RAL 6017 |  |
| RAL 6018 |  | RAL 6019 |  |
| RAL 6020 |  | RAL 6021 |  |
| RAL 6024 |  | RAL 6025 |  |
| RAL 6026 |  | RAL 6027 |  |
| RAL 6028 |  | RAL 6029 |  |
| RAL 6033 |  | RAL 6034 |  |
| RAL 7000 |  | RAL 7001 |  |
| RAL 7003 |  | RAL 7006 |  |
| RAL 7011 |  | RAL 7015 |  |
| RAL 7016 |  | RAL 7021 |  |
| RAL 7023 |  | RAL 7024 |  |
| RAL 7026 |  | RAL 7030 |  |
| RAL 7031 |  | RAL 7032 |  |
| RAL 7033 |  | RAL 7034 |  |
| RAL 7035 |  | RAL 7036 |  |
| RAL 7037 |  | RAL 7038 |  |
| RAL 7040 |  | RAL 7042 |  |
| RAL 7043 |  | RAL 7044 |  |
| RAL 8000 |  | RAL 8001 |  |
| RAL 8002 |  | RAL 8003 |  |
| RAL 8004 |  | RAL 8007 |  |
| RAL 8011 |  | RAL 8012 |  |
| RAL 8014 |  | RAL 8015 |  |
| RAL 8016 |  | RAL 8017 |  |
| RAL 8019 |  | RAL 8023 |  |
| RAL 8024 |  | RAL 8025 |  |
| RAL 8028 |  | RAL 9001 |  |
| RAL 9002 |  | RAL 9004 |  |
| RAL 9005 |  | RAL 9006 |  |
| RAL 9010 |  | RAL 9011 |  |
| RAL 9016 |  | RAL 9017 |  |
| RAL 9018 |  | | |

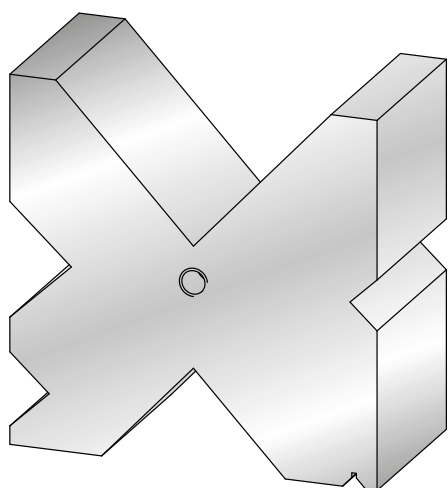
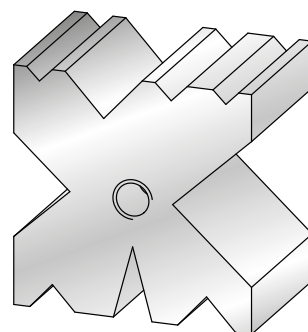


MATRICI MULTICAVA A RICHIESTA
MULTI V DIES ON REQUEST



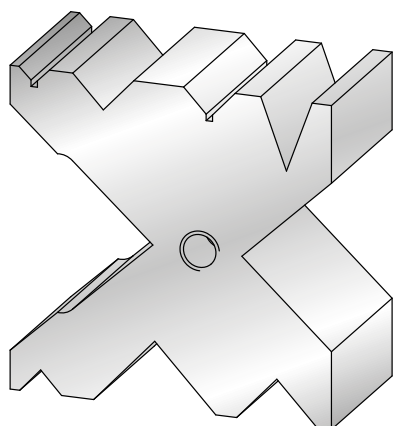
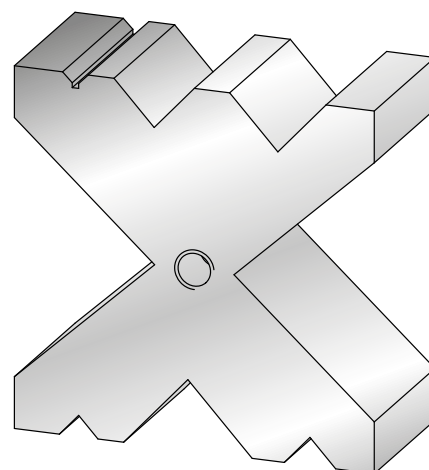
MATERIALI
MATERIALS

1.2312
C45
42CrM04



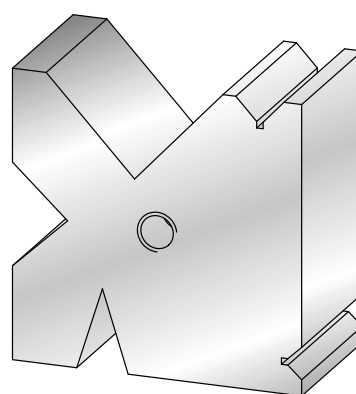
LAVORAZIONI
PROCESSING

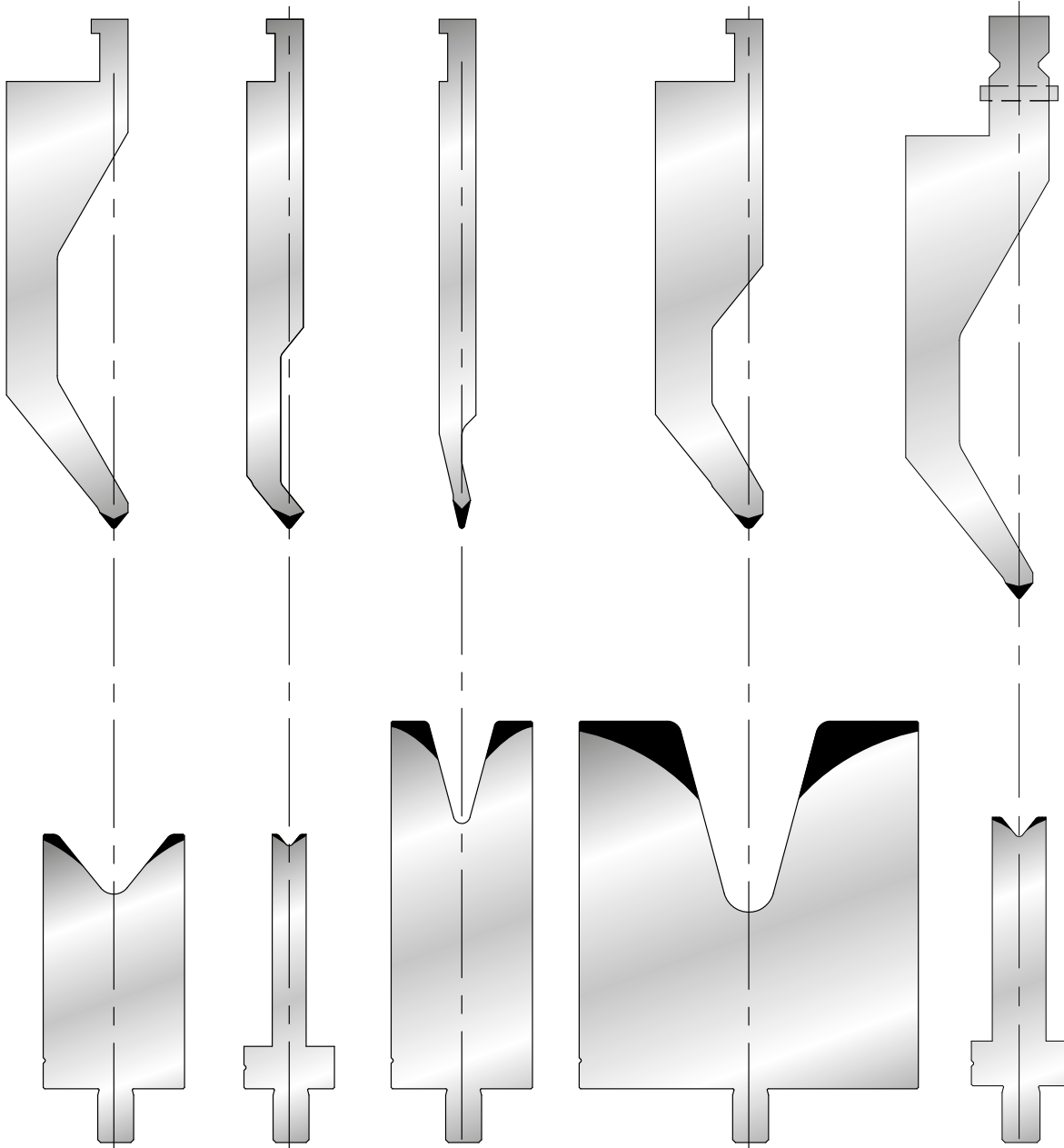
Temprato / *Hardened*
Bonificato nitrurato /
Tempered - nitrided
Piallato / *Planed*
Rettificato / *Ground*



LUNGHEZZE
LENGTHS (MM)

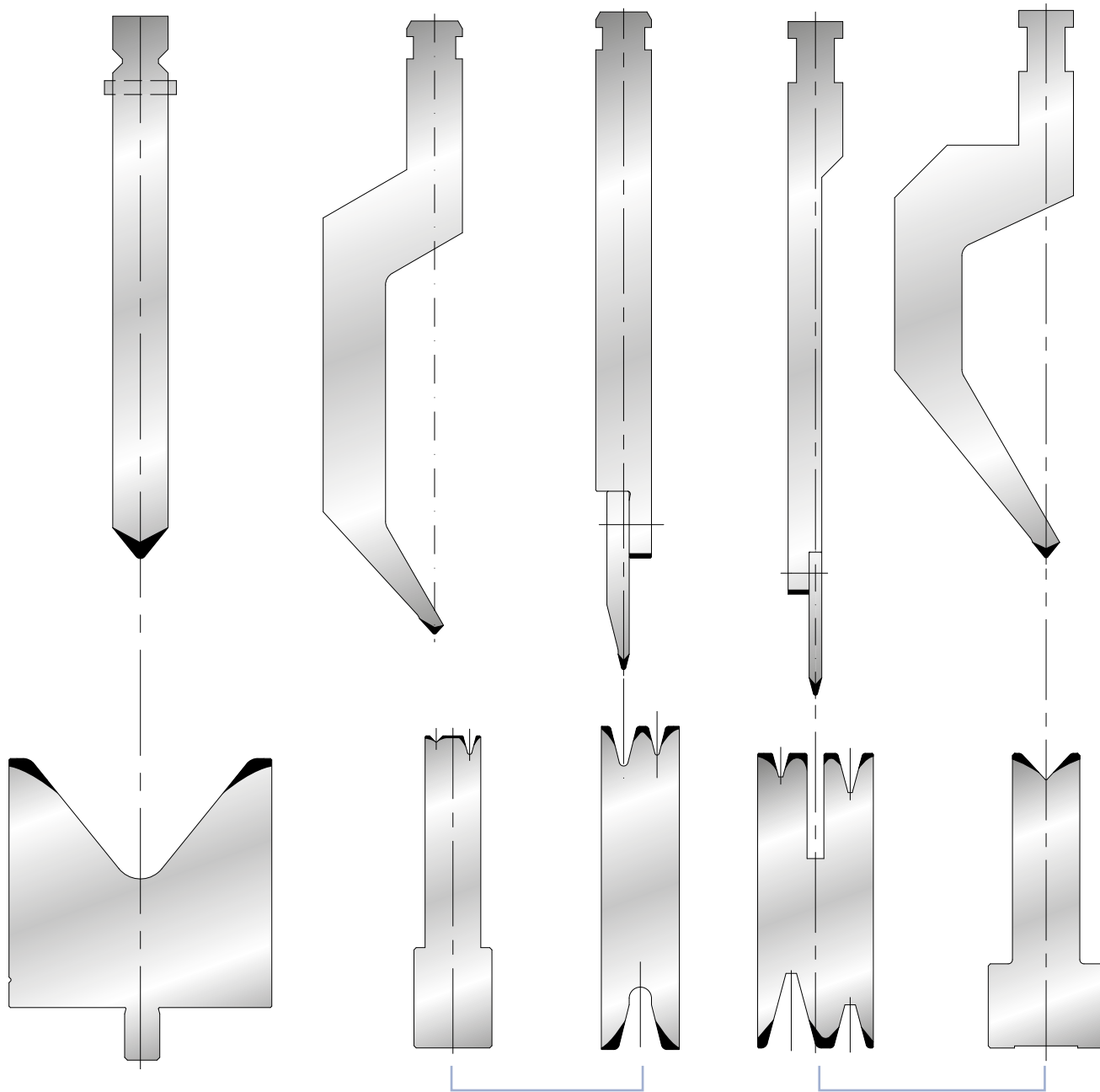
2000
3000
4000
6000
8000





LVD Style

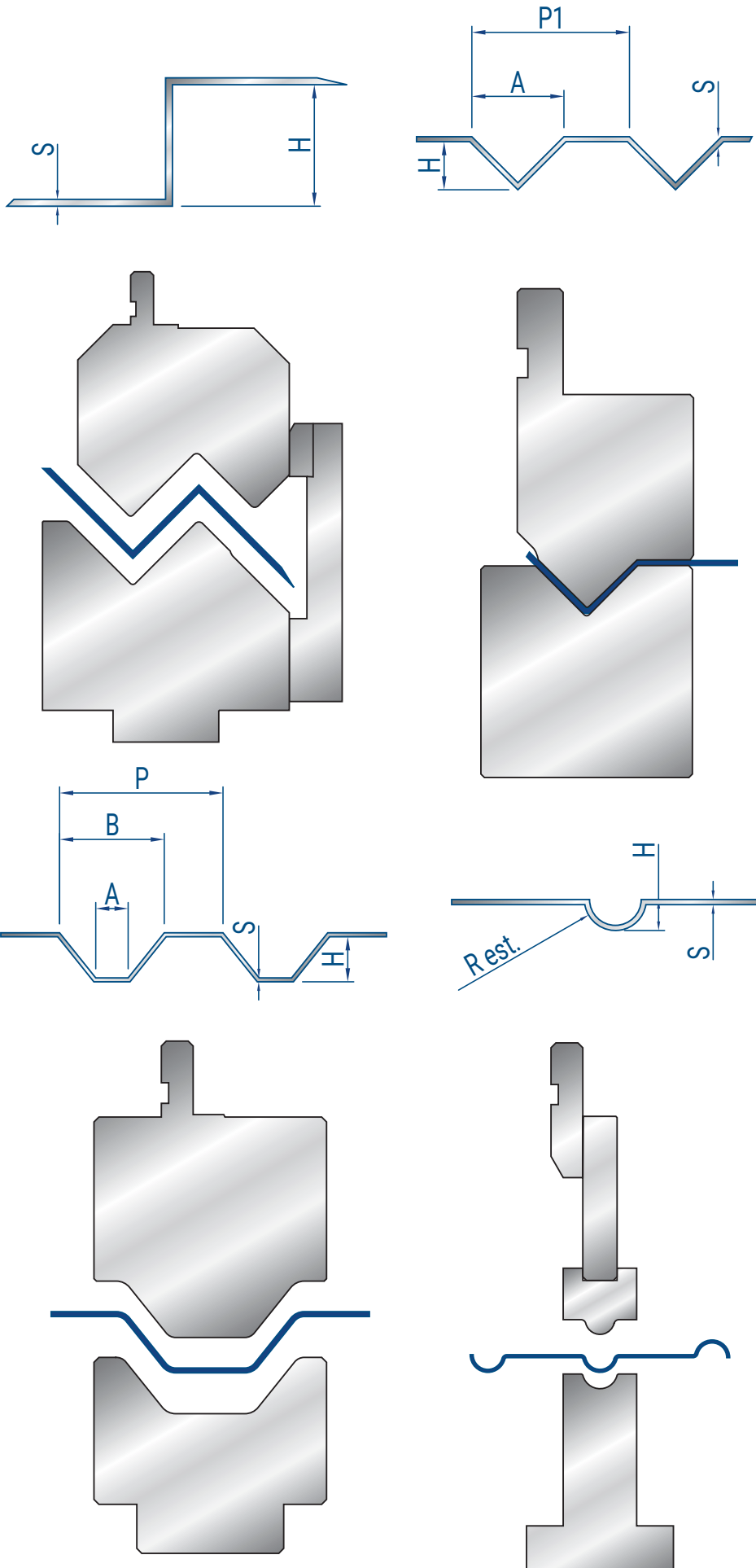
LVD Wila Style



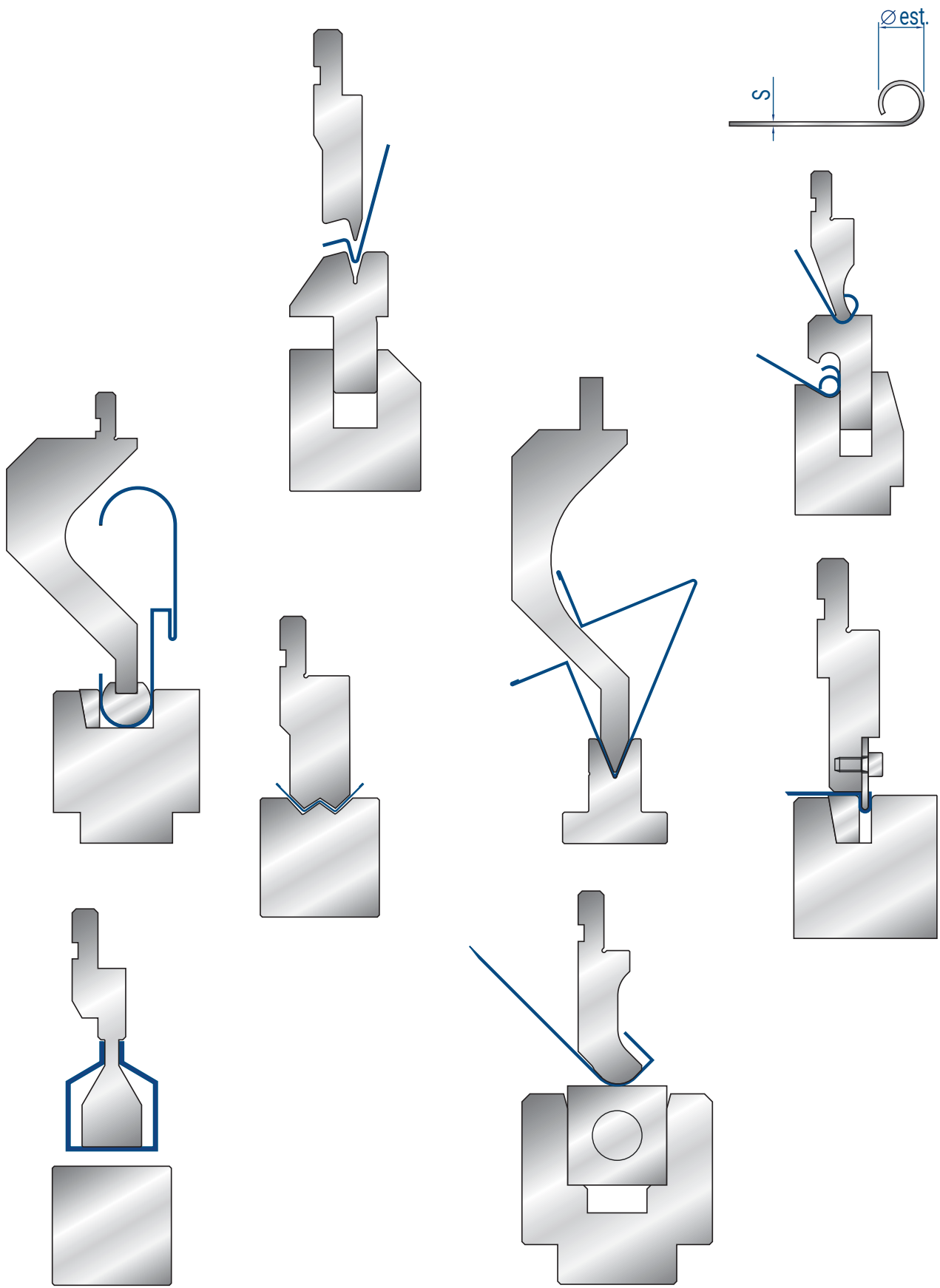
LVD - Wila Style

Weinbrenner Style

EHT Style



UTENSILI SPECIALI SU RICHIESTA
SPECIAL TOOLS ON REQUEST



MATERIALE TAGLIATO / CUT MATERIAL:

- Alluminio / *Aluminium*
- Ferro / *Mild steel*
- Acciaio inossidabile / *Stainless steel*
- Altro materiale / *Other material:*

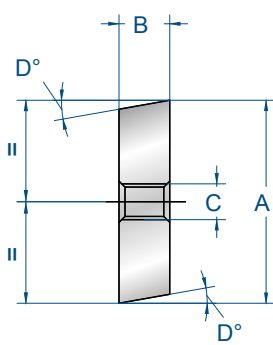
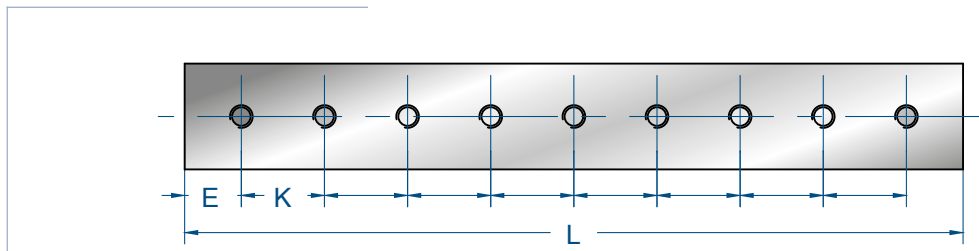
.....

MOD.....

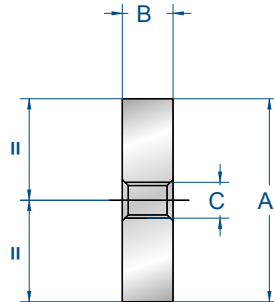
PR.....

| QUOTA <i>DIMENSION</i> | MISURA (mm) <i>MEASURE (mm)</i> |
|---------------------------|------------------------------------|
| A | |
| B | |
| C | |
| D | |
| E | |
| F | |
| H | |
| I | |
| K | |
| L | |
| N° fori / <i>N° holes</i> | |

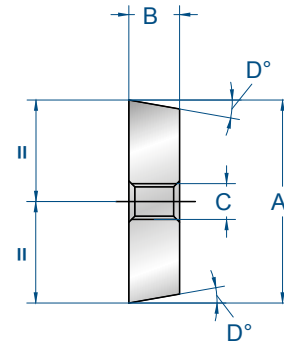
PROFILO / PROFILE



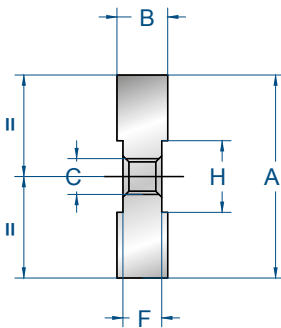
mod. 2000



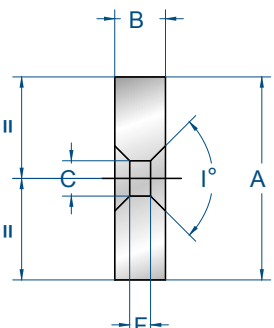
mod. 2001



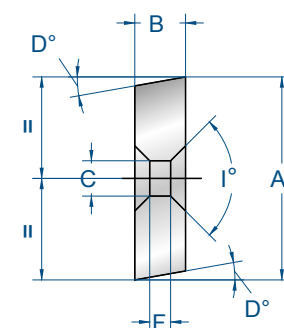
mod. 2002



mod. 2003



mod. 2004



mod. 2005



8201

FOSFATAZIONE

Trattamento superficiale che aumenta la resistenza alla corrosione

PHOSPHATING TREATMENT

Surface treatment able to increase the corrosion resistance

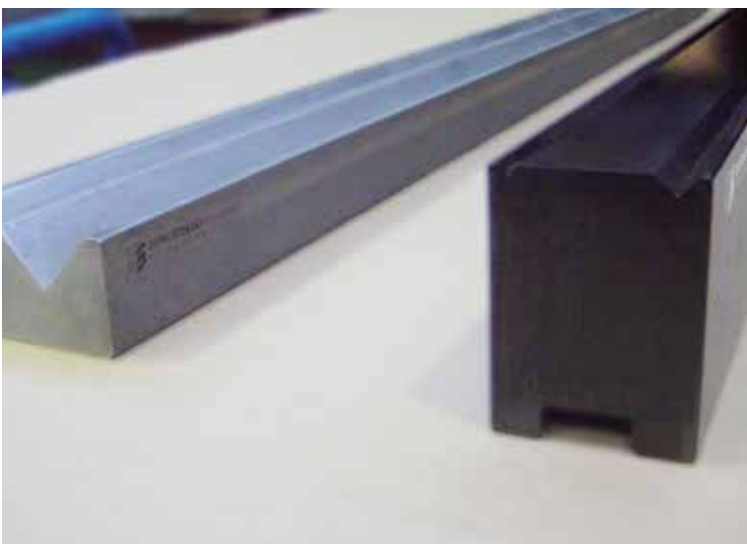
8205

NITRURAZIONE

Trattamento di indurimento superficiale che aumenta la resistenza all'usura, alla fatica e agli intagli.

NITRIDING TREATMENT

Surface hardening treatment able to increase the tool resistance to wear, to fatigue, to notches.



8202

NITRURAZIONE + FOSFATAZIONE

Indurimento superficiale + resistenza alla corrosione

NITRIDING TREATMENT + PHOSPHATING

Surface hardening + corrosion resistance

AMADA PROMECAM STYLE

PUNZONI / PUNCHES

| | | | |
|--|--------------|---|--------------|
| Lunghezze standard <i>Standard lengths</i> | 10 | Punzoni 60° <i>Punches 60°</i> | 22/25 |
| Modifiche a richiesta <i>Modifications on request</i> | 10/11 | Punzoni 45° <i>Punches 45°</i> | 26 |
| Scarpette mobili <i>Moving horns</i> | 11 | Punzoni 35° <i>Punches 35°</i> | 27 |
| Punzoni 88° <i>Punches 88°</i> | 12/19 | Punzoni 30° <i>Punches 30°</i> | 28/30 |
| Punzoni 85° <i>Punches 85°</i> | 20/21 | Punzoni 26° <i>Punches 26°</i> | 31 |
| Punzoni 75° <i>Punches 75°</i> | 22 | | |

MATRICI / DIES

| | | | |
|--|-----------|---|--------------|
| Lunghezze standard <i>Standard lengths</i> | 34 | Matrici 1V 45° <i>1V dies 45°</i> | 47/48 |
| Modifiche a richiesta <i>Modifications on request</i> | 35 | Matrici 1V 30° <i>1V dies 30°</i> | 48 |
| Supporti per matrici 2V <i>Die holders for 2V dies</i> | 36 | Matrici T H80 - 88° <i>T dies H80 - 88°</i> | 50/51 |
| Supporti per matrici 2V <i>Die holders for 2V dies</i> | 36 | Matrici T H80 - 85° <i>T dies H80 - 85°</i> | 52/53 |
| Supporti per matrici autocentranti <i>Die holders for self centering dies</i> | 37 | Matrici T H80 - 60° <i>T dies H80 - 60°</i> | 54/55 |
| Matrici 2V 88° <i>2V dies 88°</i> | 38 | Matrici T H80 - 45° <i>T dies H80 - 45°</i> | 56/57 |
| Matrici 2V 60° <i>2V dies 60°</i> | 39 | Matrici T H80 - 30° <i>T dies H80 - 30°</i> | 58/59 |
| Matrici 2V 30° <i>2V dies 30°</i> | 39 | Matrici T H120 - 88° <i>T dies H120 - 88°</i> | 60/61 |
| Matrici 2V autocentranti 88° <i>2V self centering dies 88°</i> | 40 | Matrici T H120 - 85° <i>T dies H120 - 85°</i> | 62/63 |
| Matrici 2V autocentranti 30° <i>2V self centering dies 30°</i> | 41 | Matrici T H120 - 60° <i>T dies H120 - 60°</i> | 64/65 |
| Matrici 3U <i>3U dies</i> | 41 | Matrici T H120 - 45° <i>T dies H120 - 45°</i> | 66/67 |
| Matrici 4V <i>4V dies</i> | 42 | Matrici T H120 - 30° <i>T dies H120 - 30°</i> | 68/69 |
| Matrici 1V 85° <i>1V dies 85°</i> | 43 | Supporto per inserti matrice <i>Die inserts holder</i> | 70 |
| Matrici 1V 80° <i>1V dies 80°</i> | 44 | Inserti matrici 88° <i>Die inserts 88°</i> | 72 |
| Matrici 1V 70° <i>1V dies 70°</i> | 45 | Inserti matrici 60° <i>Die inserts 60°</i> | 73 |
| Matrici 1V 60° <i>1V dies 60°</i> | 46 | Inserti matrici 30° <i>Die inserts 30°</i> | 74 |

PIEGASCHIACCIA / FLATTENING HEMMING TOOLS

| | | | |
|---|--------------|---|--------------|
| Piegaschiaccia <i>Flattening hemming tools</i> | 76/77 | Piegaschiaccia pneumatici <i>Pneumatic flattening hemming tool</i> | 78 |
| Tonnellaggi per schiacciatura <i>Hemming power</i> | 78 | Piegaschiaccia <i>Flattening hemming tools</i> | 79/80 |

TRUMPF STYLE

PUNZONI / PUNCHES

| | | | |
|--|--------------|---|--------------|
| Lunghezze standard <i>Standard lengths</i> | 84 | Punzoni 60° <i>Punches 60°</i> | 94/95 |
| Modifiche a richiesta <i>Modifications on request</i> | 85 | Punzoni 28° <i>Punches 28°</i> | 96/98 |
| Punzoni <i>Punches</i> | 86/88 | Punzoni 26° <i>Punches 26°</i> | 99 |
| Punzoni 86° <i>Punches 86°</i> | 90/93 | Pulsanti <i>Safety buttons</i> | 100 |
| Punzoni 80° <i>Punches 80°</i> | 94 | | |

MATRICI / DIES

| | | | |
|--|----------------|--|----------------|
| Lunghezze standard <i>Standard lengths</i> | 103 | Matrici 1V H100 - 60° <i>1V dies H100 - 60°</i> | 116 |
| Modifiche a richiesta <i>Modifications on request</i> | 104 | Matrici 1V H100 - 30° <i>1V dies H100 - 30°</i> | 117/119 |
| Matrici <i>Dies</i> | 105/107 | Matrici 1V H100 - 30° R3 <i>1V dies H100 - 30° R3</i> | 120/121 |
| Matrici 1V H100 - 86° <i>1V dies H100 - 86°</i> | 108/110 | Matrici 1V H100 - 86° <i>1V dies H100 - 86°</i> | 122/124 |
| Matrici 1V H100 - 84° <i>1V dies H100 - 84°</i> | 110/112 | Matrici 1V H100 - 80° <i>1V dies H100 - 80°</i> | 124/125 |
| Matrici 1V H100 - 80° <i>1V dies H100 - 80°</i> | 112/114 | Matrici 1V H100 - 30° <i>1V dies H100 - 30°</i> | 126/127 |
| Matrici 1V H100/120 - 80° <i>1V dies H100/120 - 80°</i> | 115 | Matrici 1V H150 - 86° <i>1V dies H150 - 86°</i> | 128/129 |
| Matrici 1V H120 - 80° <i>1V dies H120 - 80°</i> | 116 | Matrici 1V H150 - 30° <i>1V dies H150 - 30°</i> | 130/132 |

PIEGASCHIACCIA / FLATTENING HEMMING TOOLS

| | | | |
|--|----------------|---|----------------|
| Accessorio piegaschiaccia <i>Flattening hemming tools accessory</i> | 133/134 | Piegaschiaccia <i>Flattening hemming tools</i> | 135/137 |
|--|----------------|---|----------------|

WILA STYLE

PUNZONI / PUNCHES

| | | | |
|--|------------|---|----------------|
| Lunghezze standard <i>Standard lengths</i> | 140 | Punzoni 80° <i>Punches 80°</i> | 143/144 |
| Modifiche a richiesta <i>Modifications on request</i> | 141 | Punzoni 60° <i>Punches 60°</i> | 146 |
| Punzoni 86° <i>Punches 86°</i> | 142 | Punzoni 28° <i>Punches 28°</i> | 147/148 |

MATRICI / DIES

| | | | |
|--|------------|--------------------------------------|----------------|
| Lunghezze standard <i>Standard lengths</i> | 150 | Matrici 86° <i>Dies 86°</i> | 152/155 |
| Modifiche a richiesta <i>Modifications on request</i> | 151 | Matrici 80° <i>Dies 86°</i> | 156 |
| | | Matrici 30° <i>Dies 30°</i> | 157/161 |

BYSTRONIC STYLE

PUNZONI / PUNCHES

| | | | |
|--|------------|---|----------------|
| Lunghezze standard <i>Standard lengths</i> | 164 | Punzoni 86° <i>Punches 86°</i> | 168 |
| Modifiche a richiesta <i>Modifications on request</i> | 165 | Punzoni 85° <i>Punches 85°</i> | 169 |
| Punzoni 88° <i>Punches 88°</i> | 166 | Punzoni 30° RFA (H175-H250) <i>Punches 30° RFA (H175-H250)</i> | 170/171 |
| Punzoni 30° R (H155) <i>Punches 30° R (H155)</i> | 167 | Punzoni 28° <i>Punches 28°</i> | 172 |

MATRICI / DIES

| | | | |
|--|----------------|--|----------------|
| Lunghezze standard <i>Standard lengths</i> | 173 | Matrici 1V 85° <i>1V dies 85°</i> | 176 |
| Modifiche a richiesta <i>Modifications on request</i> | 173 | Matrici 1V 60° <i>1V dies 60°</i> | 177 |
| Matrici 1V 88° <i>1V dies 88°</i> | 174/175 | Matrici 1V 30° <i>1V dies 30°</i> | 178/179 |

PIEGASCHIACCIA / FLATTENING HEMMING TOOLS

| | |
|---|----------------|
| Piegaschiaccia <i>Flattening hemming tools</i> | 180/181 |
|---|----------------|

ACCESSORI / ACCESSORIES

| | | | |
|--|----------------|---|----------------|
| Supporti per inserti raggiati <i>Radius inserts holders</i> | 184/186 | Staffe <i>Clamps</i> | 229/233 |
| Supporti per inserti raggiati piccoli <i>Small radius inserts holders</i> | 187 | Adattatori generici per utensili superiori Amada-Promecam <i>Generic upper adapters for Amada-Promecam style tooling</i> | 234 |
| Inserti raggiati piccoli <i>Small radius inserts</i> | 188 | Adattatori specifici per utensili superiori Amada-Promecam <i>Specific upper adapters for Amada-Promecam style tooling</i> | 235/237 |
| Inserti raggiati <i>Radius inserts</i> | 189/193 | Adattatori inferiori <i>Lower Adapters</i> | 238/239 |
| Inserti quadri e accessori <i>Flattening inserts and accessories</i> | 194 | Adattatori per utensili inferiori stile Amada-Promecam <i>Lower adapters for lower tooling Amada-Promecam style</i> | 240 |
| Contenitori per inserti a Z <i>Offset tool holders</i> | 195 | Attacchi su richiesta <i>Tangs on request</i> | 241/242 |
| Tabella inserti a Z <i>Offset tool holders</i> | 196 | Supporti inferiori per matrici regolabili <i>Lower holder for adjustable dies</i> | 243 |
| Inserti a Z - 140° - 150° - 160° <i>Joggle tools - 140° - 150° - 160°</i> | 197 | Matrici regolabili <i>Adjustable dies</i> | 244/245 |
| Inserti a Z - 90° <i>Joggle tools - 90°</i> | 198/203 | Protezione dalle marcature <i>Protection against marks</i> | 246 |
| Contenitori e inserti in nylon <i>Nylon inserts and holder</i> | 204 | Complementi ausiliari <i>Auxiliary complements</i> | 248 |
| Contenitori e inserti in poliuretano <i>Polyurethane inserts and holder</i> | 205/206 | Goniometro manuale <i>Manual protractor</i> | 249 |
| Sistema Eurogrip <i>Eurogrip system</i> | 207/226 | Calibro digitale <i>Digital gauge</i> | 250/251 |
| Intermediari registrabili <i>Adjustable intermediates</i> | 227/228 | | |
| Intermediari fissi <i>Fixed intermediates</i> | 228 | | |

| | | | |
|---|----------------|---|----------------|
| Armadi porta utensili <i>Tooling cabinets</i> | 252/253 | Utensili speciali su richiesta <i>Special tools on request</i> | 258/259 |
| Matrici multicava a richiesta <i>Multi V dies on request</i> | 255 | Lame per cesoia <i>Shear blades</i> | 260/261 |
| Utensili su richiesta <i>Tools on request</i> | 256/257 | Trattamenti termici su richiesta <i>Special heat treatments on request</i> | 262 |

