

PRESS BRAKE TOOLING AND EQUIPMENT

UTENSILI E ATTREZZATURE
PER PRESSE PIEGATRICI



VERSIONE 05 - VERSION 05



EUROSTAMP TOOLING

the Italian excellence

**Eurostamp Tooling significa qualità,
competenza e precisione.**

Dal 1970 produciamo utensili e attrezzature per la piegatura straordinariamente precisi, offrendo soluzioni di estrema qualità per tutti quei clienti che richiedono costantemente massimi livelli di performance e affidabilità.

***Eurostamp Tooling means quality,
competence, accuracy.***

Since 1970 we have been manufacturing outstandingly accurate tooling and providing top quality solutions to all those customers who require the highest levels of performance and reliability.

Eurostamp Tooling,
the Italian Excellence

CHI SIAMO

Dal 1970 siamo orgogliosi di produrre e commercializzare utensili e attrezzature per la piegatura altamente performanti, affidabili e caratterizzati dai più elevati standard di qualità. Il nostro parco macchine utensili a elevata tecnologia e il magazzino con ampia disponibilità ci permettono di soddisfare ogni esigenza e richiesta speciale.

I nostri utensili sono realizzati con acciai al carbonio e acciai speciali di provenienza italiana, con tempra a induzione sulle parti usurabili che ne garantisce una durezza di 55-60 HRC.

Offriamo un'ampia gamma di accessori per presse piegatrici: adattatori inferiori e superiori, sistemi di bloccaggio manuali e pneumatici.

Il nostro ufficio tecnico interno, inoltre, è in grado di studiare i progetti di piegatura personalizzati in modo tempestivo e accurato.

Our company was born in 1970 and, since then, we have been proudly producing and marketing high performing and reliable press brake tooling distinguished by the highest quality standards. Our production department equipped with high-tech machine tools, complimented by our wide range inventory, allows us to meet our customer needs and expectations for standard and special tool requirements.

WHO WE ARE

Our tooling is produced by using medium carbon steel C45, both raw and tempered, and Italian high-quality chrome molybdenum steel.

All our tooling is then hardened by induction (HRC 55-60) up to 3mm depth from the working surface. In addition to providing high quality Press Brake Tooling, we also provide a large range of accessories for press brakes: lower and upper adaptors, manual or pneumatic clamping systems and more.

Our in-house technical department have the knowledge, experience, and expertise to develop fully tailored bending projects in a timely and accurate manner.

LA NOSTRA FILOSOFIA

Eurostamp Tooling è un'azienda con cuore italiano e anima internazionale; abbiamo deciso di concentrarci e specializzarci esclusivamente nella produzione e sviluppo degli utensili di piegatura, settore in cui abbiamo sviluppato la più alta tecnologia applicata a ciascuno dei processi interni.

Il nostro reparto produttivo pone la massima attenzione alla cura dei dettagli, alla precisione e all'accurato controllo della qualità con una ispirazione artigianale: selezioniamo i migliori fornitori italiani di materia prima, Dal 1970 siamo orgogliosi di produrre e commercializzare. Poniamo una fortissima attenzione alla formazione dello staff tecnico e produttivo ed investiamo costantemente in ricerca e sviluppo perché crediamo fortemente che il modo migliore per soddisfare i nostri clienti sia il superamento delle loro aspettative con soluzioni innovative e un supporto pre e post vendita di elevato livello. Il team commerciale lavora quotidianamente a fianco dello staff tecnico e produttivo per diffondere ovunque la nostra filosofia di marchio.

OUR PHILOSOPHY

Eurostamp tooling is an Italian company with an international "soul". Since the beginning we chose to focus all of our attention only on the engineering and manufacturing of press brake tooling, so we invested our resources on the state-of-art technologies applied to each of our internal processes.

Our production department takes great care to every detail, to the highest precision and to the accurate quality control. We are cooperating with the best raw material suppliers among the Italian market and we are constantly investing in new production technologies. Our finished product is then stocked in our wide and organized warehouse, ready for being handled by our skilled logistic resources. We put the highest care to the training of our production and engineering staff and to our policy of research and development because we are aware that this is the best way for overcoming our customer expectations with innovative solutions and with the highest level of pre- and post-sales support. Our sales staff is working daily beside our production and our engineering departments with the mission to spread worldwide our brand philosophy.



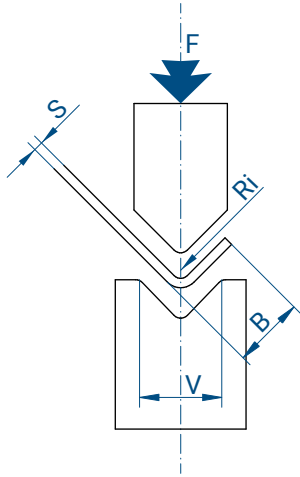
LE COMPETENZE

Gli specialisti che compongono il nostro staff controllano ogni fase produttiva, dalla scelta delle leghe e degli acciai grezzi, alle procedure di fresatura, tempra e rettifica di ogni pezzo. Usiamo acciaio al 100% italiano per garantire massima precisione e caratteristiche meccaniche ad alto standard qualitativo.

OUR COMPETENCES

Our specialized staff takes care of each production phase, from choosing the best kind of steel to the procedures for machining, hardening and grinding each product with the best results. We are utilizing only 100% Italian source steel for granting always the conformity to the most severe standards specifications.

CALCOLO DELLA FORZA DI PIEGA IN ARIA AIR BENDING FORCE CALCULATION



S	Spessore lamiera - mm Sheet metal thickness - mm	Ri	Raggio interno Inside radius
V	Larghezza del V V-opening	R	Alluminio 20-25 kg/mm ² Aluminium 20-25 kg/mm ²
F	Forza in T/m Force in T/m	R	Acciaio dolce 40-45 kg/mm ² Mild steel 40-45 kg/mm ²
B	Bordo minimo Shortest edge	R	Inox 65-70 kg/mm ² Stainless steel 65-70 kg/mm ²

$$F = \frac{S^2 \times 2 \times R}{1.4 \times V} = \dots \text{ ton/m}$$

RELAZIONE TRA SPESSORE LAMIERA E LARGHEZZA V SHEET METAL THICKNESS / V-SHAPE WIDTH RATIO

S	Spessore lamiera - mm Sheet metal thickness - mm	0,5-2,5	3-8	9-10	12 o più 12 or more
V	Larghezza del V "V" width	6 S	8 S	10 S	12 S

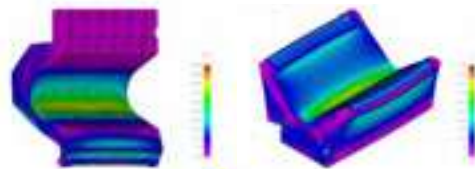


TABELLA DI PIEGATURA IN ARIA - ACCIAIO DOLCE AIR BENDING TABLE - MILD STEEL

S	mm	0,5	0,6	0,8	1	1,2	1,5	2	2,5	3	4	4,5	5	6	8	10	12	15	20	25	30	
6	4	1		3	4	7	11															
8	5,5	1,3		4	5	8	12	20														
10	7	1,6		4	7	10	17															
12	8,5	2			6	8	15	22														
14	10	2,3			7	13	19															
16	11	2,6			6	11	17	28														
18	13,5	3			10	15	25	34														
20	14	3,3			9	13	22	30														
25	17,5	4			11	18	24	43														
32	22	5			14	19	34	44	52													
40	28	6,5			15	27	34	42	60	107												
50	35	8			21	27	33	48	85													
63	45	10			17	21	26	38	68	105												
80	55	13			21	30	53	85	120													
100	71	16			24	43	67	96	150													
125	89	20				53	78	120	215													
160	113	26				42	60	95	170													
200	140	33				55	75	135	210													
250	175	41				108	170	240														
V	B	Ri																				F

TABELLA DI PIEGATURA IN ARIA - ACCIAIO INOX AIR BENDING TABLE - STAINLESS STEEL

S	mm	0,5	0,6	0,8	0,9	1	1,2	1,5	2	2,5	3	4	5	6	8	10	12	15	20	25	30	
6	4	1		5	6	11	13	17														
8	5,5	1,3		6	8	10	12	18														
10	7	1,6		7	8	11	15															
12	8,5	2			7	8	12	20	33													
14	10	2,3			11	17	29															
16	11	2,6			9	15	26	39														
18	13,5	3			13	23	35	51														
20	14	3,3			12	20	30	45														
25	17,5	4			17	25	36	65														
32	22	5			19	29	51	78														
40	28	6,5			23	41	63	90														
50	35	8			32	50	72	208														
63	45	10			26	39	57	102	163													
80	55	13			32	45	81	129	187													
100	71	16			36	65	101	144														
125	89	20			51	80	117	180														
160	113	26			63	90	141	250														
200	140	33			83	114	208	315														
250	175	41			167	255	360															
V	B	Ri																				F

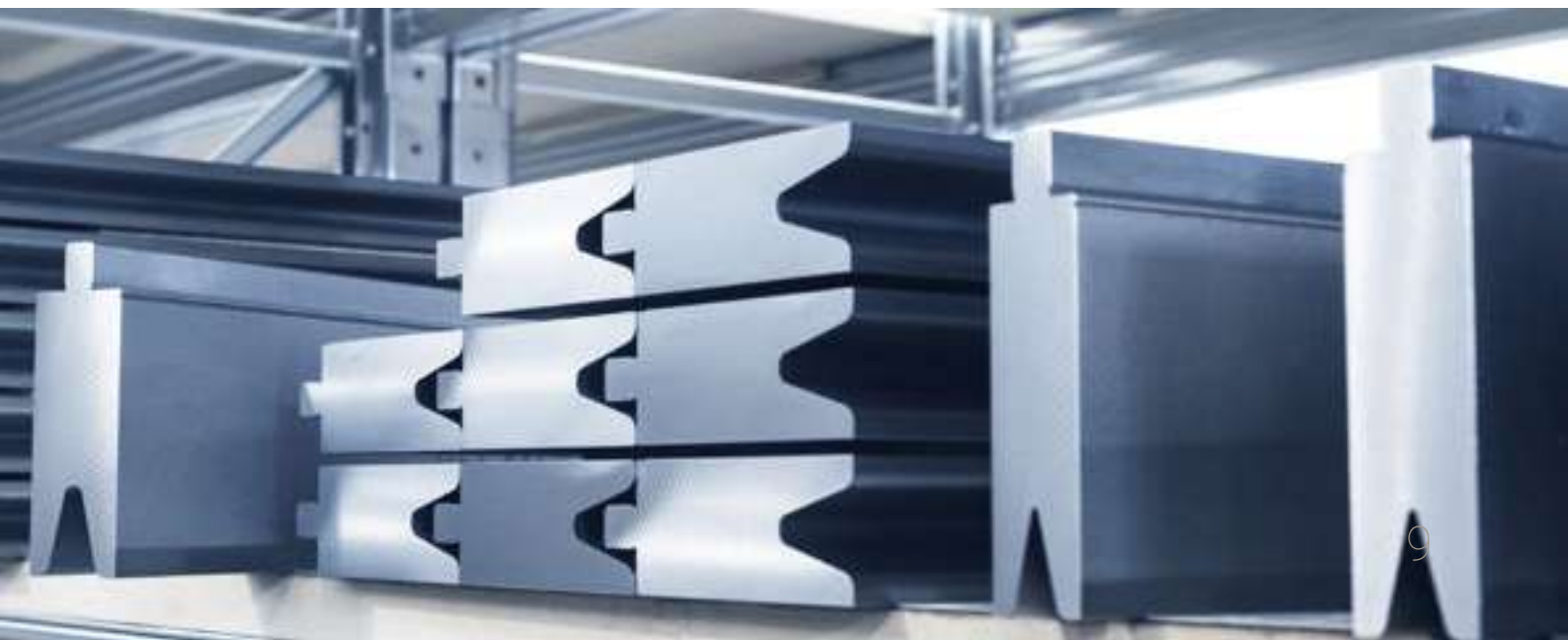


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1049	19	1137	206	1227	174	1294	98
1052	36	1138	207	1229	174	1295	104
1053	33	1139	207	1230	175	1296	195
1054	33	1140	207	1231	175	1297	195
1055	36	1141	207	1232	175	1298	176
1056	35	1142	208	1233	99	1299	178
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1062	21	1145	208	1236	103	1302	104
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1065	18	1147	208	1238	105	1305	194
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1327	155	2026	50	2102	212	3037/6	73
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1329	152	2030	48	2104	212	3038	72
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1334	154	2035	42	2109	210	3040PN	74
1335	154	2036	211	2110	210	3041	72
1336	154	2037	211	2111	210	3041PN	74
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1338	29	2039	42	2113	210	3043	60
1339	29	2040	211	2114	210	3044	60
1340	83	2041	44	2115	210	3045	60
1341	83	2046	44	2116	210	3046	60
1342	83	2047	45	2117	53	3047	60
1343	83	2050	46	2118	53	3048	60
1344	84	2052	46	2119	211	3055	61
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3083	61	3125	130	3161	68	3207	125
3084	61	3126	130	3162	68	3208	125
3085	61	3127	131	3163	68	3209	125
3086	57	3128	131	3164	68	3210	126
3087	57	3129	131	3165	68	3211	126
3088	57	3130	131	3166	70	3212	126
3089	57	3131	132	3167	70	3213	126
3090	57	3132	132	3168	70	3214	127
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3237	128	3322	87	4143	243	4306	256
3238	128	3323	87	4144	243	4307	256
3239	128	3324	88	4145	243	4308	254
3240	129	3325	88	4146	243	4309	254
3241	182	3326	88	4191	243	4313	74
3242	182	3327	89	4192	243	4314	254
3243	252	3328	89	4193	244	4318	257
3244	119	3329	89	4199	239	4319	257
3250	162	3330	89	4214	244	4330	141
3251	162	3334	215	4215	244	4349	239
3252	162	3335	215	4216	244	4361	245
3253	163	3336	215	4217	244	4362	245
3254	163	4000	242	4218	244	4379	254
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EUROSTAMP TOOLING
the Italian excellence

ESH

EUROSTAMP SAME HEIGHT

UTENSILI SERIE ESH (Eurostamp Same Height)

EUROSTAMP ESPANDE LA PROPRIA GAMMA INTRODUCENDO UNA NUOVA SERIE COMPLETA DI UTENSILI (SUPERIORI ED INFERIORI) CONFORMI AI SISTEMI DI STAFFAGGIO STILE EUROPEO (AMADA/PROMECAM).

EUROSTAMP IS EXPANDING ITS PRODUCT RANGE BY INTRODUCING A FULLY NEW SERIES (UPPER AND LOWER) THAT CONFORMS TO THE EUROPEAN STYLE CLAMPING SYSTEM (AMADA/PROMECAM STYLE).

CARATTERISTICHE COMUNI

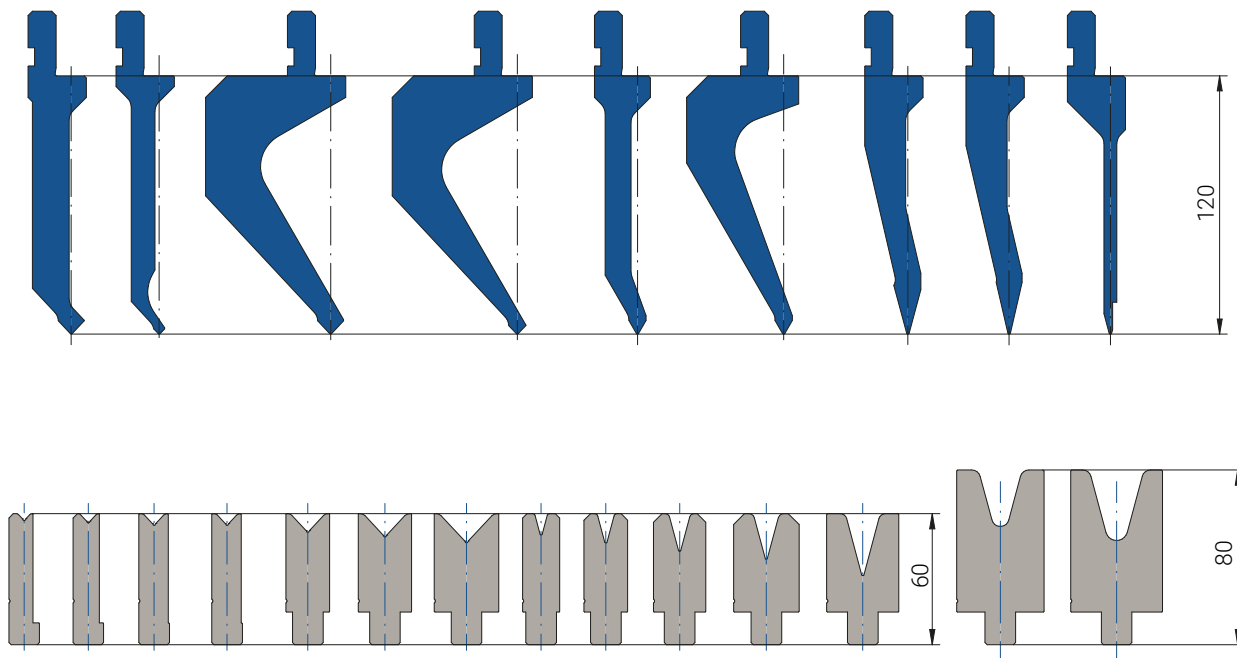
Tutti gli utensili della serie sono prodotti utilizzando acciaio premium al CrMo che, grazie all'elevato carico di rottura (950-1050 N/mm²), consente di raggiungere tonnellaggi più elevati a parità di sezioni degli utensili.

Il trattamento di indurimento degli utensili è differenziato fra punzoni e matrici, per ottenere le migliori prestazioni in base alla loro differente modalità di utilizzo.

COMMON FEATURES

All tooling among this series is produced with high quality "premium" CrMo steel that, thanks to its superior tensile strength (950-1050 N/mm²), allows to withstand the highest tonnages even with small tool sections.

The tooling thermal treatment is differentiated between punches and dies, to obtain the best performance according to their different working condition.



INNOVAZIONE NEGLI UTENSILI SUPERIORI

Punzoni temprati ad induzione sulla punta fino a 55-58 HRC e per una profondità media di oltre 3mm: elevata durezza del raggio di punta e di tutta la superficie a contatto con la lamiera.

La gamma comprende punzoni con angoli ad 86°; 60°; 30°; 26°.

Forme dei punzoni ridisegnate per ottenere la massima flessibilità (quantità di profili fabbricabili).

Altezza di lavoro 120mm: adattabile alle caratteristiche di luce e corsa della maggior parte di piegatrici presenti sul mercato.

Altezza di lavoro identica per tutti i punzoni della gamma: possibilità di fabbricare profili complessi con angoli a 90° installando qualunque punzone in modalità "a stazioni (staged)".

UPPER TOOLING INNOVATION

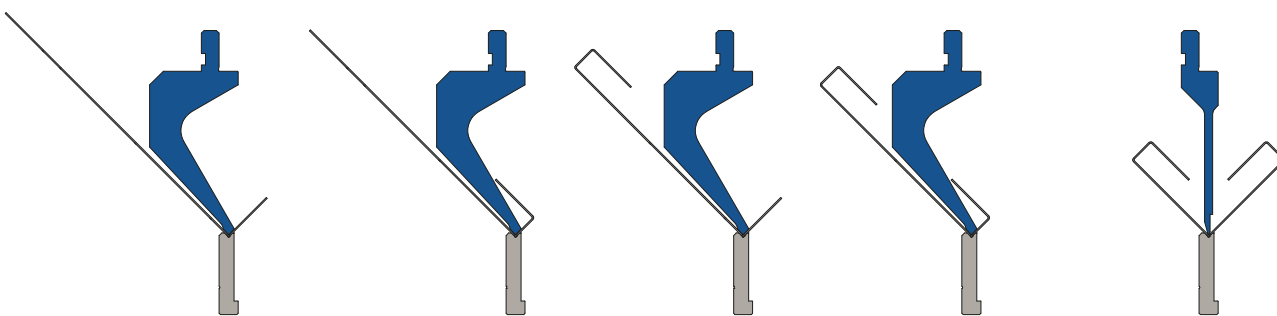
Punches are hardened by induction on their tip, up to 55-58 HRC, at a depth of more than 3mm: extreme hardness of the punch tip in order to grant a larger lifespan.

Wide range of angles: 86°; 60°; 30°; 26°.

The punch shapes have been redesigned, based on years of experience, in order to improve their effectiveness and flexibility (quantity of feasible product profiles).

Working height is 120mm: it can fit on almost any daylight and stroke dimension, making these punches installable on almost any press brakes available in the market.

All the punches working height is exactly the same to allow the fabrication of complex products whose angles are 90° by installing the punches in stages (bending stations).



INNOVAZIONE NEGLI UTENSILI INFERIORI

Inseri matrice sottoposti a nitrurazione: tutta la superficie della matrice, e non solamente le spalle, è rivestita da un sottile strato di nitruro con durezza fino a 65 HRC: importante riduzione del rischio di danneggiamento delle pareti laterali della V e significativa riduzione dell'adesione superficiale di particelle estranee (zinco e altre polveri) alle spalle e alle pareti della V.

La superficie delle matrici, infine, viene sottoposta a fosfatazione per incrementarne la protezione dall'ossidazione.

La gamma comprende inserti matrice ad 86° e a 30° con ampiezze da 6 a 25mm.

LOWER TOOLING INNOVATIONS (INSERT DIE ARCHITECTURE)

The insert dies are gas-nitrided; the whole tool external surface (not only its shoulders) is coated by a thin nitride layer whose hardness is up to 65 HRC: the significant increase of the surface hardness do not only improves the die shoulder resistance to the friction against the sheet surface, but, because even the die groove tilted sides have the same hardness, their wearing is reduced, as well as it's reduced the adhesion of foreign particles (Zinc and other dust) that could cause the "galling" phenomenon.

The die surface is, then, subjected to a phosphate conversion coating, that's the reason of their black color. This treatment increases the die surface protection against the oxidation.

The die inserts widths range goes from 6 to 25mm at 86° and 30°.

Forme degli inserti matrice ridisegnate per adeguarle alle esigenze odierne:

Ampi raggi di raccordo (per ridurre l'entità di eventuali impronte sulla lamiera).

Il corpo degli inserti matrice con larghezza di V di dimensioni ridotte, è stato modificato per offrire una maggiore versatilità nella fabbricazione di pieghe più complesse come quelle che prevedono contro pieghe.

Gli angoli esterni degli inserti matrice sono dotati di smussi che riducono la probabilità di collisioni con eventuali deformazioni posizionate in prossimità delle linee di piega.

The die inserts shape has been re-designed according to the actual fabrication requirements:

Wide shoulder radii (to decrease the risk of sheet marking).

The small V width insert dies body has been relieved: its thinner dimension will help to fabricate more complex product profiles, like short offset bends (frequently required when working with thin sheets).

Some of the insert dies corners has been replaced by chamfers, in order to decrease the probability of collisions against obstacles (burrings, deformations...) located even very near to the bending line.

FORNITURE DISPONIBILI COME OPZIONE (a pagamento)

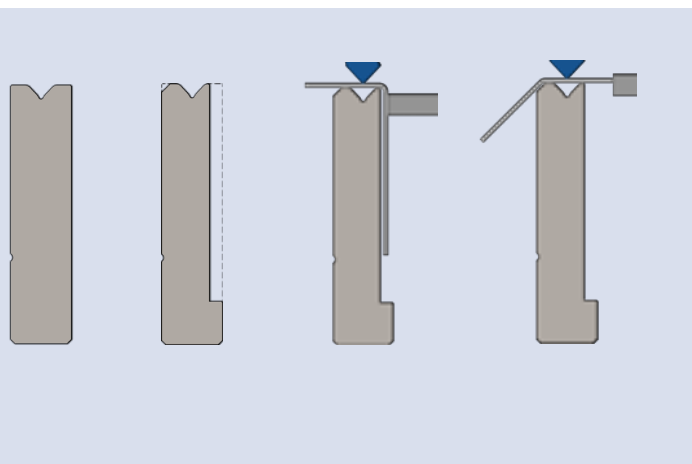
A richiesta, anche i punzoni possono essere sottoposti al trattamento di fosfatazione, costituito da un rivestimento superficiale a base di fosfato che ricopre la superficie con uno strato cristallino protettivo in grado di conferire una elevata resistenza alla corrosione.

Il costo del trattamento varia in funzione del peso.

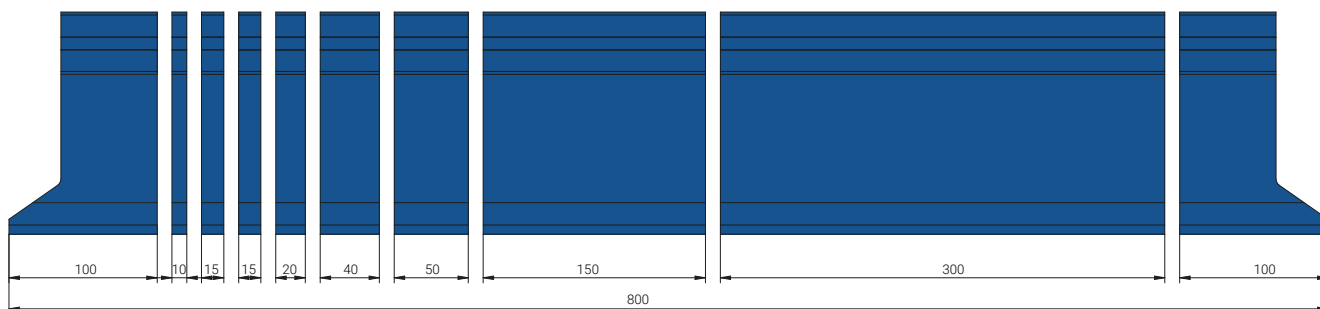
OPTIONAL ADD-ON

The punches surfaces could be subjected to phosphate conversion coating: chemical treatment that creates a thin adhering layer of phosphates, to achieve corrosion resistance and lubrication.

The treatment additional cost will be charged according to the total weight.

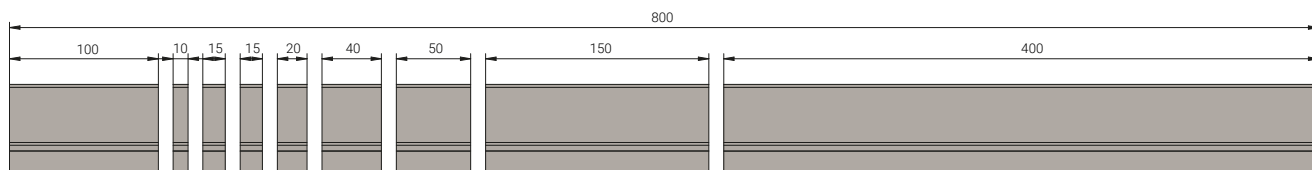


**INNOVAZIONE NELLA FRAZIONATURA STANDARD
INNOVATION OF THE STANDARD SECTIONING**



**UTENSILI SUPERIORI (LUNGHEZZA TOTALE 800MM):
UPPER TOOLING (NEW TOTAL LENGTH 800MM):**

100mm SX - 10mm - 15mm - 15mm - 20mm - 40mm - 50mm - 150mm - 300mm - 100mm DX



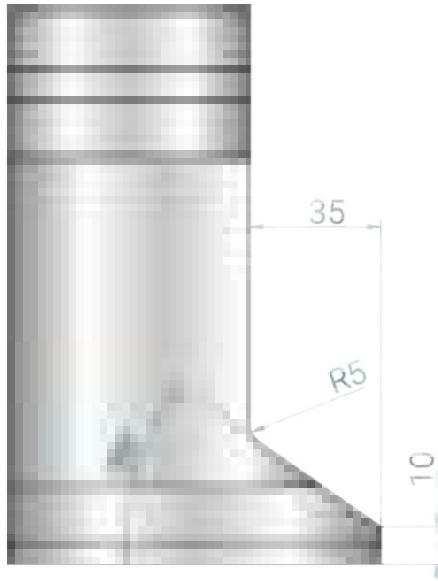
**UTENSILI INFERIORI (LUNGHEZZA TOTALE 800MM):
LOWER TOOLS (NEW TOTAL LENGTH 800MM):**

100mm - 10mm - 15mm - 15mm - 20mm - 40mm - 50mm - 150mm - 400mm

**SCARPETTE ESH STANDARD
STANDARD ESH HORN**

**SCARPETTE ESH STANDARD
STANDARD ESH HORN**

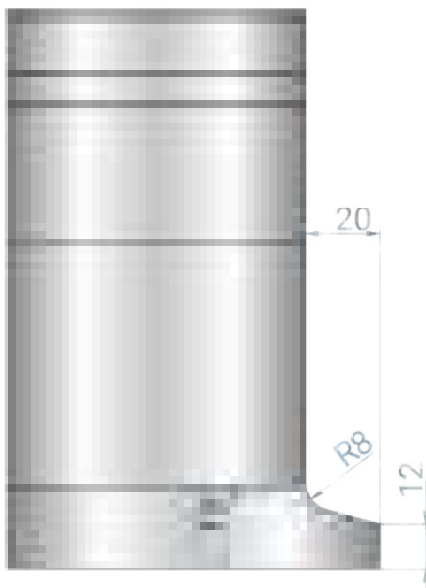
**UTENSILI SUPERIORI
LUNGHEZZA STANDARD 100MM
UPPER TOOLS
STANDARD LENGHT 100MM**



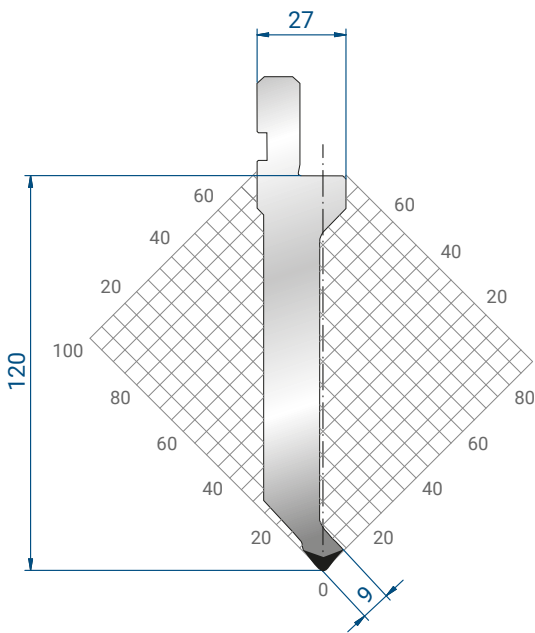
**1340, 1343, 1344,
1345, 1346**



1341, 1342, 1349



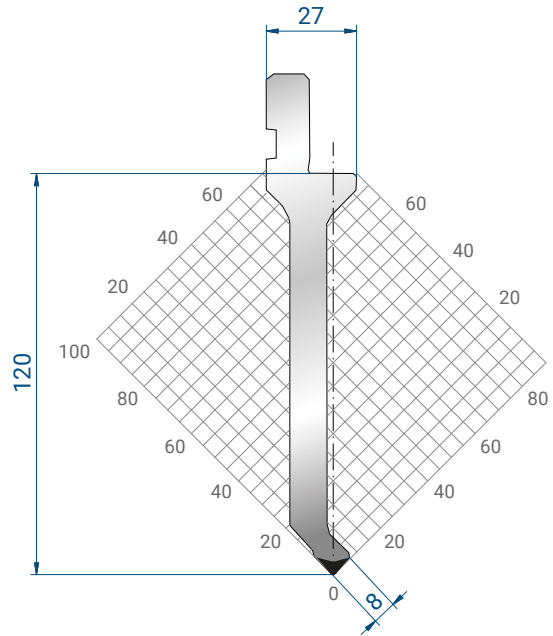
1347, 1348



1340

Mat = CrMo Steel
bonificato/ tempered
H = 120 mm
Max T/m = 100
 α = 86°
R = 0.6

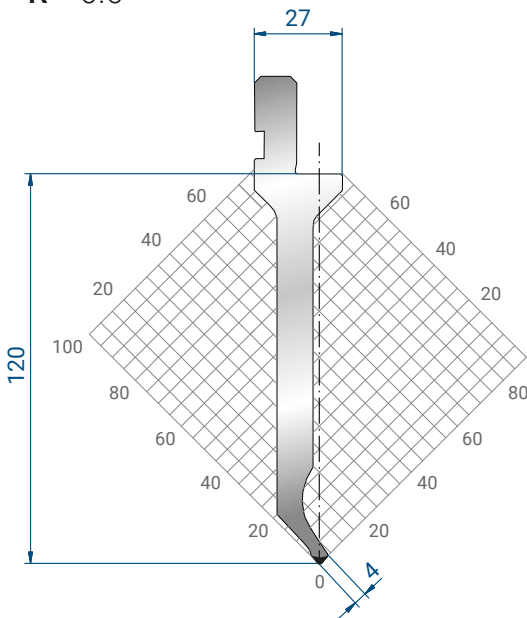
835 mm	15,6 kg
415 mm	7,8 kg
800 mm	13,8 kg
FRAZ. / SECT.	



1341

Mat = CrMo Steel
bonificato/ tempered
H = 120 mm
Max T/m = 50
 α = 86°
R = 0.6

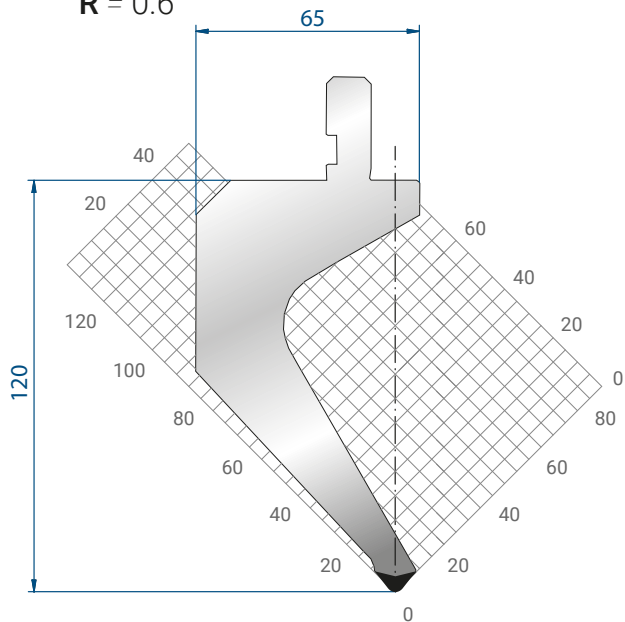
835 mm	11,7 kg
415 mm	5,8 kg
800 mm	10,6 kg
FRAZ. / SECT.	



1342

Mat = CrMo Steel
bonificato/ tempered
H = 120 mm
Max T/m = 30
 α = 86°
R = 0.6

835 mm	11,2 kg
415 mm	5,5 kg
800 mm	10,0 kg
FRAZ. / SECT.	

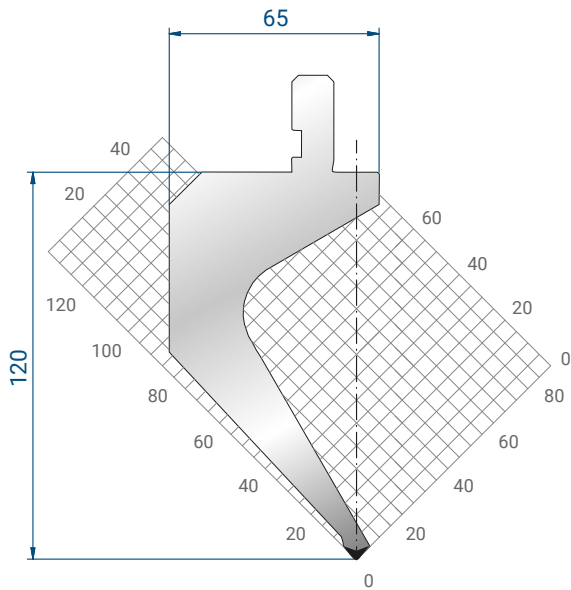


1343

Mat = CrMo Steel
bonificato/ tempered
H = 120 mm
Max T/m = 50
 α = 86°
R = 0.6

835 mm	26,6 kg
415 mm	12,5 kg
800 mm	22,2 kg
FRAZ. / SECT.	

PUNZONI 86° / PUNCH 86°

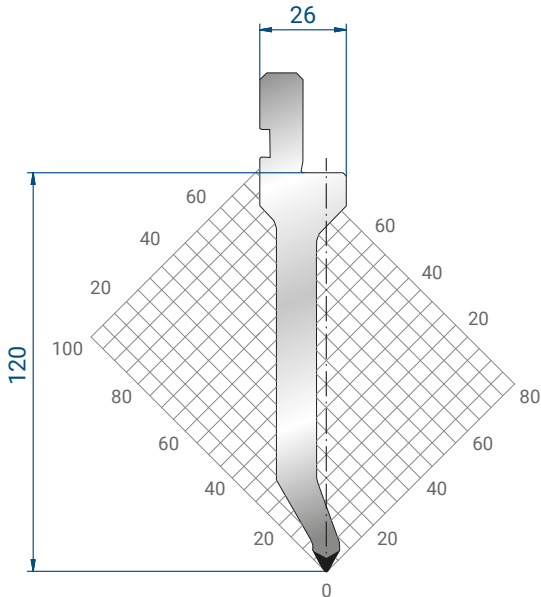


1344

Mat = CrMo Steel
bonificato/ tempered
H = 120 mm
Max T/m = 45
 α = 86°
R = 0.6

835 mm	23,4 kg
415 mm	11,7 kg
800 mm	20,6 kg
FRAZ. / SECT.	

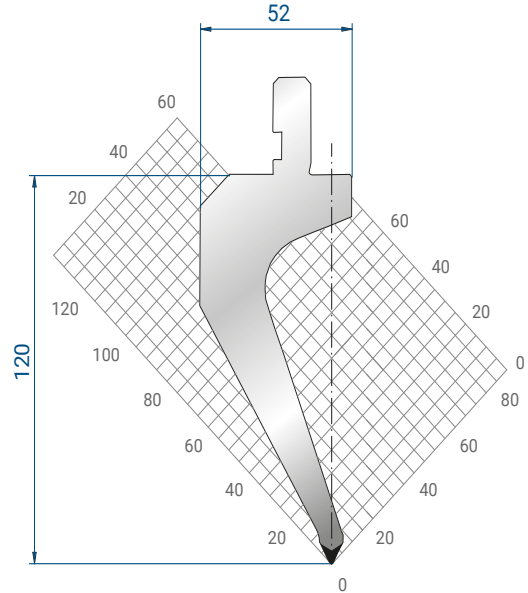
PUNZONI 60° / PUNCH 60°



1345

Mat = CrMo Steel
bonificato/ tempered
H = 120 mm
Max T/m = 70
 α = 60°
R = 0.6

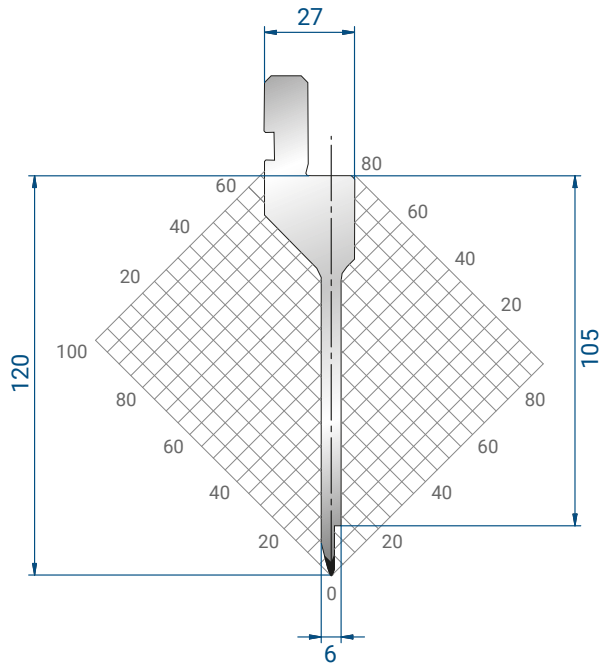
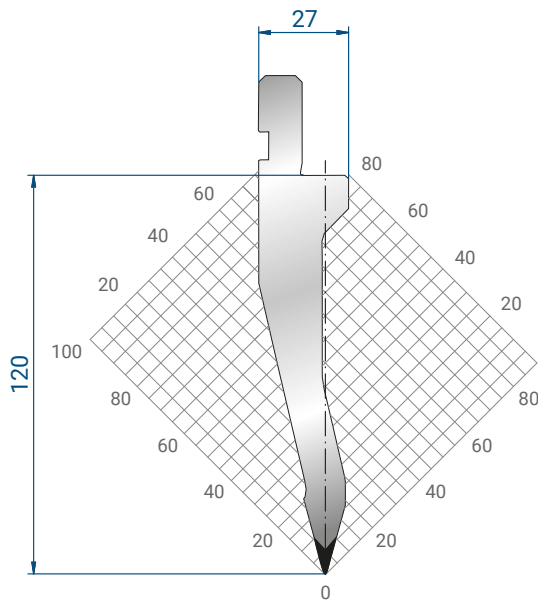
835 mm	12,4 kg
415 mm	6,2 kg
800 mm	11,0 kg
FRAZ. / SECT.	



1346

Mat = CrMo Steel
bonificato/ tempered
H = 120 mm
Max T/m = 70
 α = 60°
R = 0.6

835 mm	19,2 kg
415 mm	9,6 kg
800 mm	16,9 kg
FRAZ. / SECT.	



1347

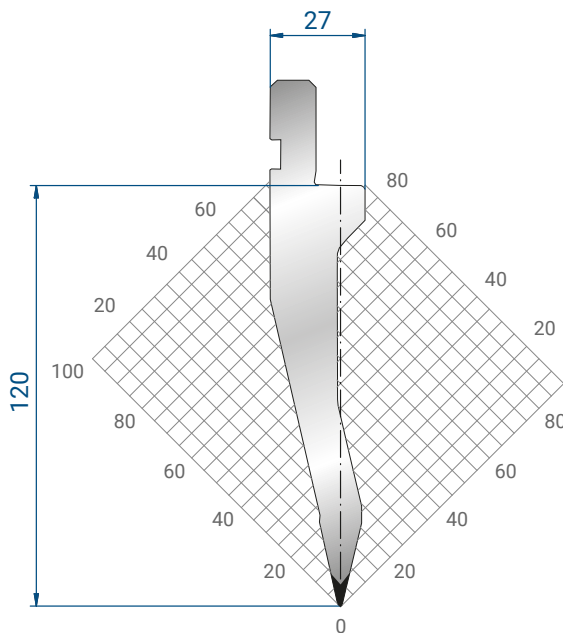
Mat = CrMo Steel
bonificato/ tempered
H = 120 mm
Max T/m = 100
 α = 30°
R = 0.6

835 mm	14,0 kg
415 mm	7,0 kg
800 mm FRAZ. / SECT.	12,8 kg

1349

Mat = CrMo Steel
bonificato/ tempered
H = 120 mm
Max T/m = 45
 α = 30°
R = 0.6

835 mm	13,9 kg
415 mm	4,9 kg
800 mm FRAZ. / SECT.	8,8 kg

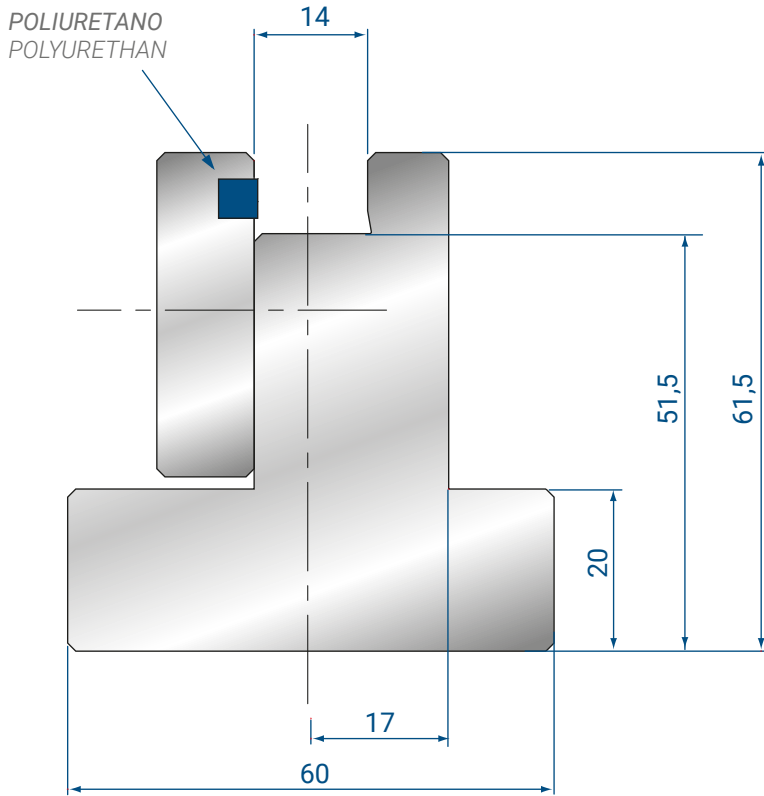


1348

Mat = CrMo Steel
bonificato/ tempered
H = 120 mm
Max T/m = 100
 α = 26°
R = 0.6

835 mm	13,9 kg
415 mm	6,9 kg
800 mm FRAZ. / SECT.	12,7 kg

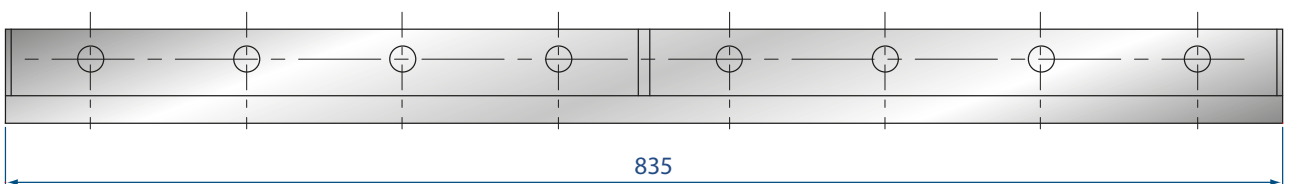
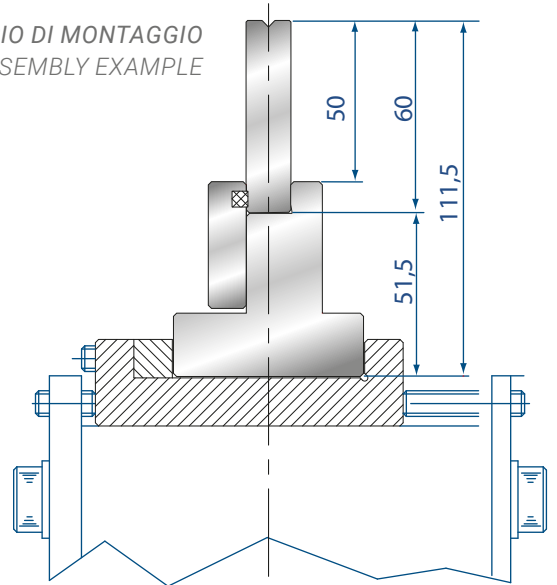
SUPPORTO PER INSERTI MATRICE ESH
ESH DIES INSERT HOLDER

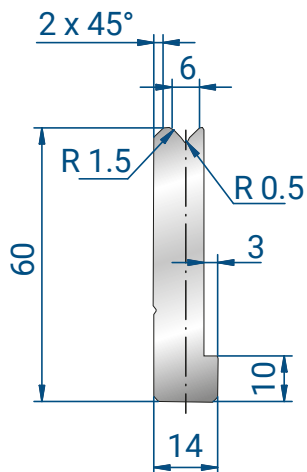


3173

835 mm	17,0 kg
415 mm	8,0 kg

ESEMPIO DI MONTAGGIO
 ASSEMBLY EXAMPLE

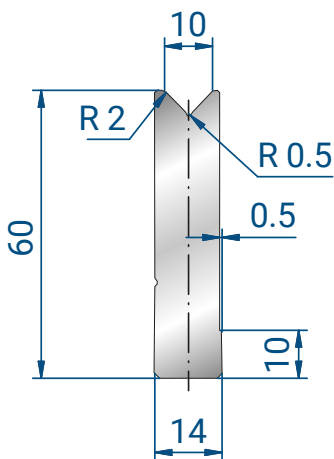




3320 - V6

Mat = CrMo Steel
*nitrurato e fosfatato/
nitrided and
phosphatized*
H = 60 mm
Max T/m = 80
α = 86°
R = 1.5

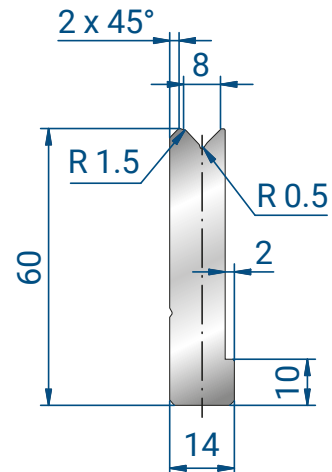
835 mm	4,4 kg
415 mm	2,2 kg
800 mm FRAZ. / SECT.	4,2 kg



3322 - V10

Mat = CrMo Steel
*nitrurato e fosfatato/
nitrided and
phosphatized*
H = 60 mm
Max T/m = 100
α = 86°
R = 2

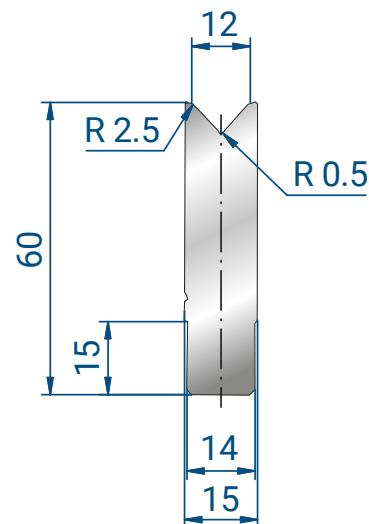
835 mm	5,1 kg
415 mm	2,5 kg
800 mm FRAZ. / SECT.	4,9 kg



3321 - V8

Mat = CrMo Steel
*nitrurato e fosfatato/
nitrided and
phosphatized*
H = 60 mm
Max T/m = 90
α = 86°
R = 1.5

835 mm	4,7 kg
415 mm	2,3 kg
800 mm FRAZ. / SECT.	4,5 kg

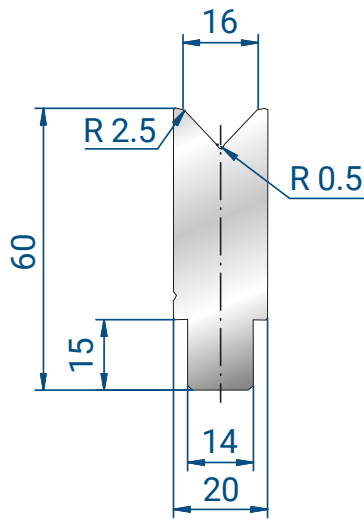


3323 - V12

Mat = CrMo Steel
*nitrurato e fosfatato/
nitrided and
phosphatized*
H = 60 mm
Max T/m = 100
α = 86°
R = 2.5

835 mm	5,5 kg
415 mm	2,7 kg
800 mm FRAZ. / SECT.	5,3 kg

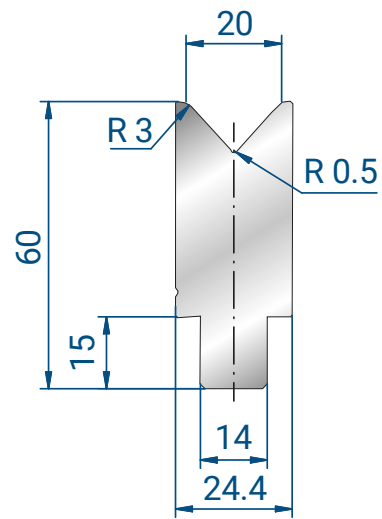
**INSERTI MATRICE 86°
ESH 86° INSERT DIES**



3324 - V16

Mat = CrMo Steel
*nitrurato e fosfatato/
nitrided and
phosphatized*
H = 60 mm
Max T/m = 100
 α = 86°
R = 2.5

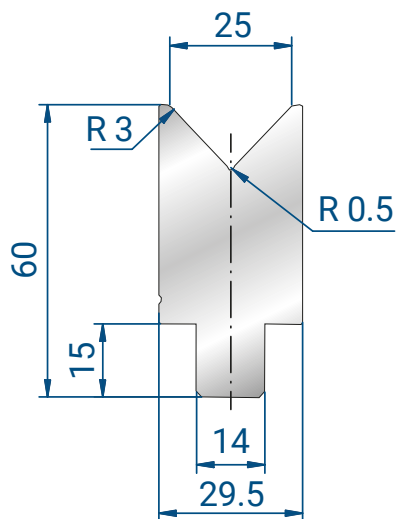
835 mm	6,8 kg
415 mm	3,4 kg
800 mm FRAZ. / SECT.	6,5 kg



3325 - V20

Mat = CrMo Steel
*nitrurato e fosfatato/
nitrided and
phosphatized*
H = 60 mm
Max T/m = 100
 α = 86°
R = 3

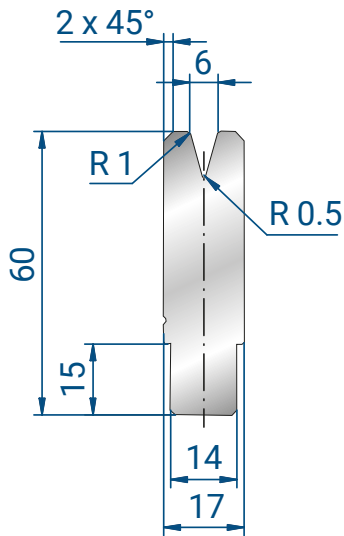
835 mm	7,8 kg
415 mm	3,9 kg
800 mm FRAZ. / SECT.	7,5 kg



3326 - V25

Mat = CrMo Steel
*nitrurato e fosfatato/
nitrided and
phosphatized*
H = 60 mm
Max T/m = 100
 α = 86°
R = 3

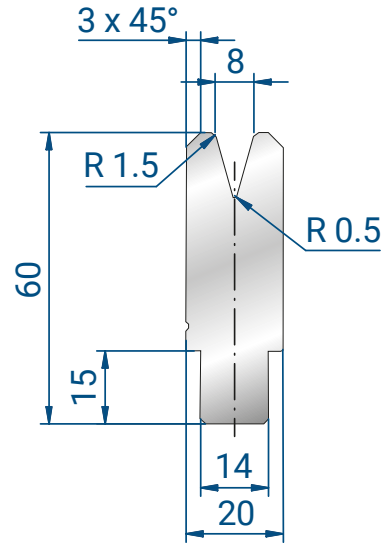
835 mm	8,9 kg
415 mm	4,4 kg
800 mm FRAZ. / SECT.	8,6 kg



3327 - V6

835 mm	6,1 kg
415 mm	3,0 kg
800 mm FRAZ. / SECT.	5,9 kg

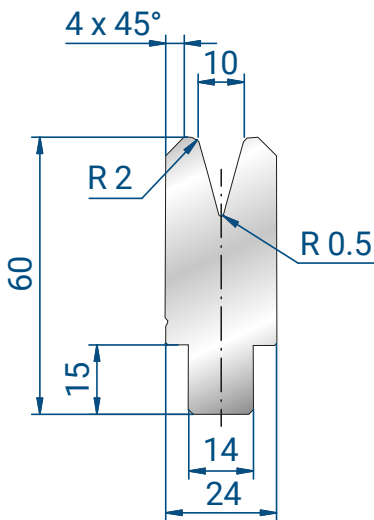
Mat = CrMo Steel
*nitrurato e fosfatato/
nitrided and
phosphatized*
H = 60 mm
Max T/m = 50
α = 30°
R = 1



3328 - V8

835 mm	6,8 kg
415 mm	3,4 kg
800 mm FRAZ. / SECT.	6,5 kg

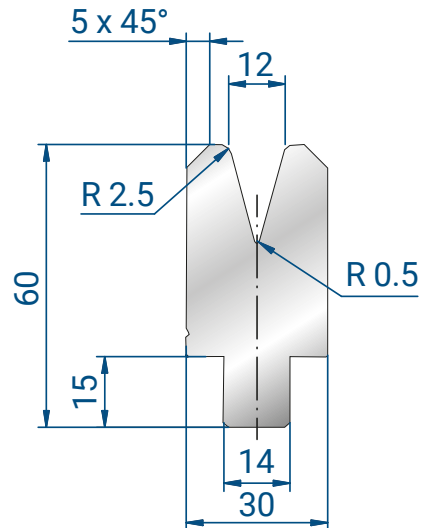
Mat = CrMo Steel
*nitrurato e fosfatato/
nitrided and
phosphatized*
H = 60 mm
Max T/m = 60
α = 30°
R = 1.5



3329 - V10

835 mm	7,7 kg
415 mm	3,8 kg
800 mm FRAZ. / SECT.	7,4 kg

Mat = CrMo Steel
*nitrurato e fosfatato/
nitrided and
phosphatized*
H = 60 mm
Max T/m = 70
α = 30°
R = 2



3330 - V12

835 mm	9,1 kg
415 mm	4,5 kg
800 mm FRAZ. / SECT.	8,8 kg

Mat = CrMo Steel
*nitrurato e fosfatato/
nitrided and
phosphatized*
H = 60 mm
Max T/m = 80
α = 30°
R = 2.5

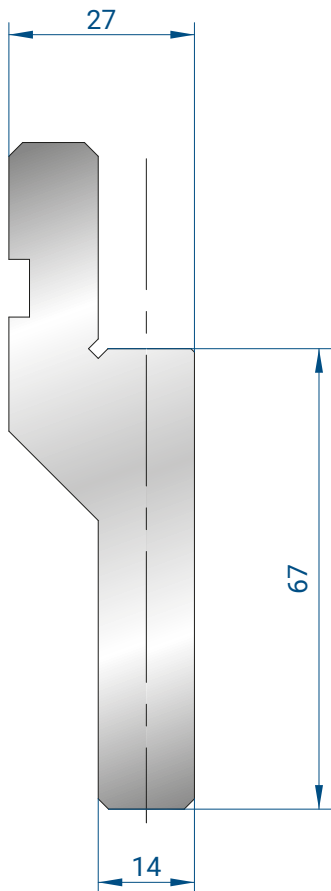


ACCESSORI ACCESSORIES





SUPPORTI PER INSERTI RAGGIATI RADIUS INSERTS HOLDERS



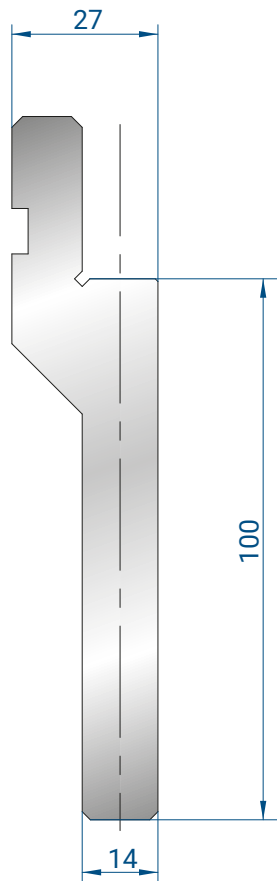
1036

AMADA PROMECAM STYLE

Mat = C45

Max T/m = 80

830 mm	9,2 kg
410 mm	4,5 kg



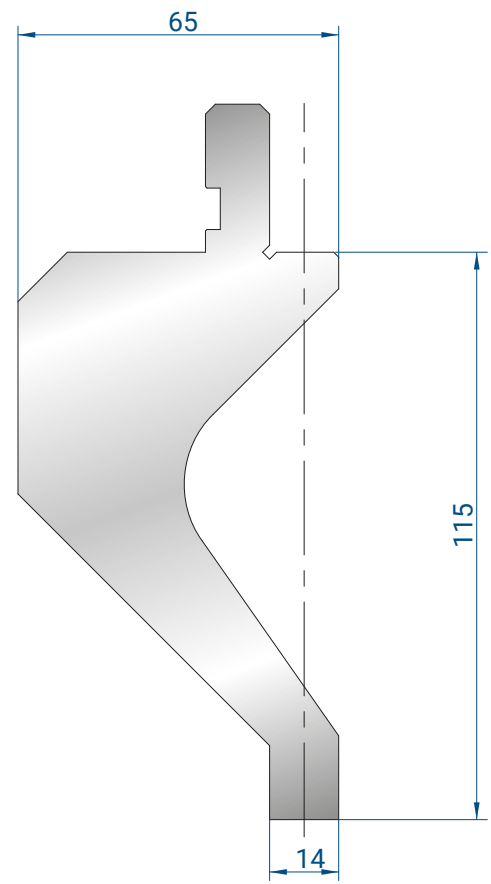
1096

AMADA PROMECAM STYLE

Mat = C45

Max T/m = 80

830 mm	12,2 kg
410 mm	6,0 kg



1090

AMADA PROMECAM STYLE

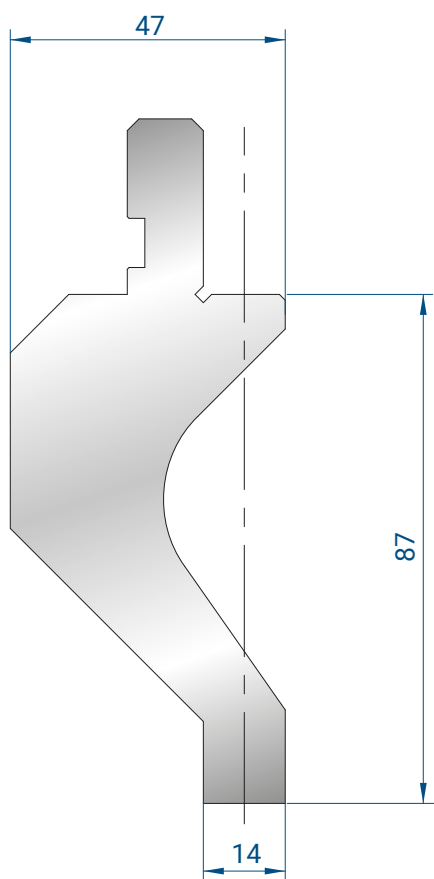
Mat = C45

Max T/m = 50

830 mm	25,6 kg
410 mm	12,6 kg



SUPPORTI PER INSERTI RAGGIATI RADIUS INSERTS HOLDERS



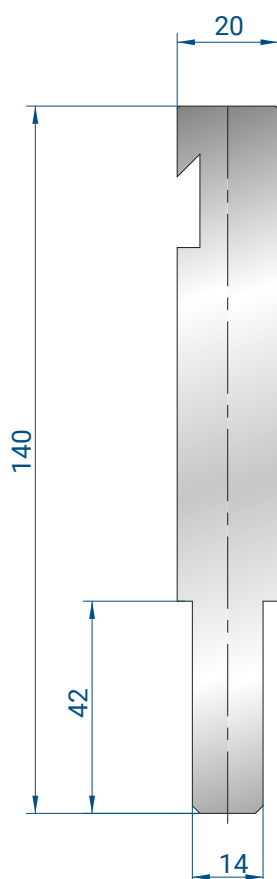
1091

AMADA PROMECAM STYLE

Mat = C45

Max T/m = 50

830 mm	15,8 kg
410 mm	7,8 kg



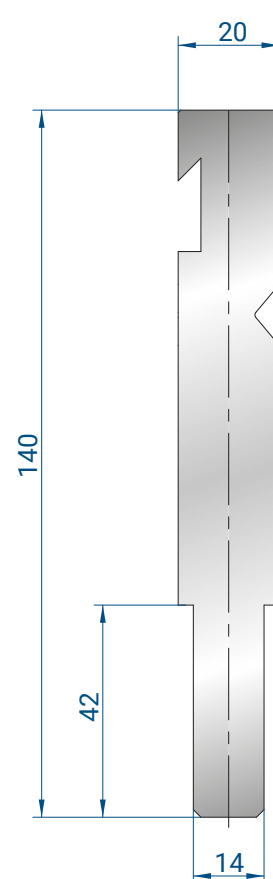
1239

BYSTRONIC R STYLE

Mat = C45

Max T/m = 80

830 mm	15,3 kg
410 mm	7,6 kg



1273

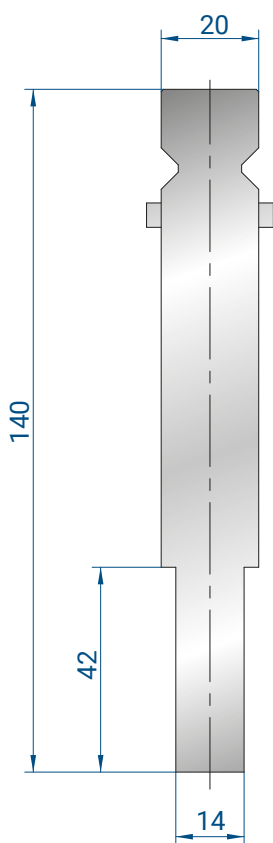
BYSTRONIC RF - A STYLE

Mat = C45

Max T/m = 80

830 mm	15,1 kg
412 mm	7,5 kg





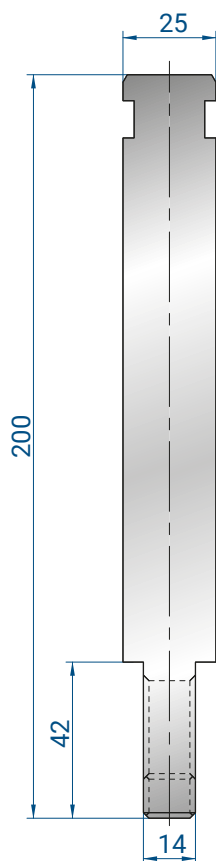
1240

TRUMPF / WILA STYLE

Mat = C45

Max T/m = 80

830 mm	15,6 kg
410 mm	7,7 kg



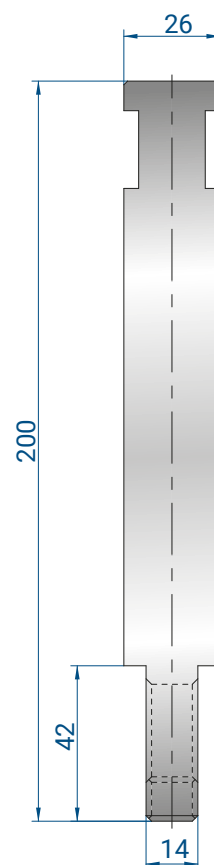
1305

WEINBRENNER STYLE

Mat = C45

Max T/m = 80

830 mm	28,3 kg
410 mm	14,0 kg



1306

EHT STYLE

Mat = C45

Max T/m = 80

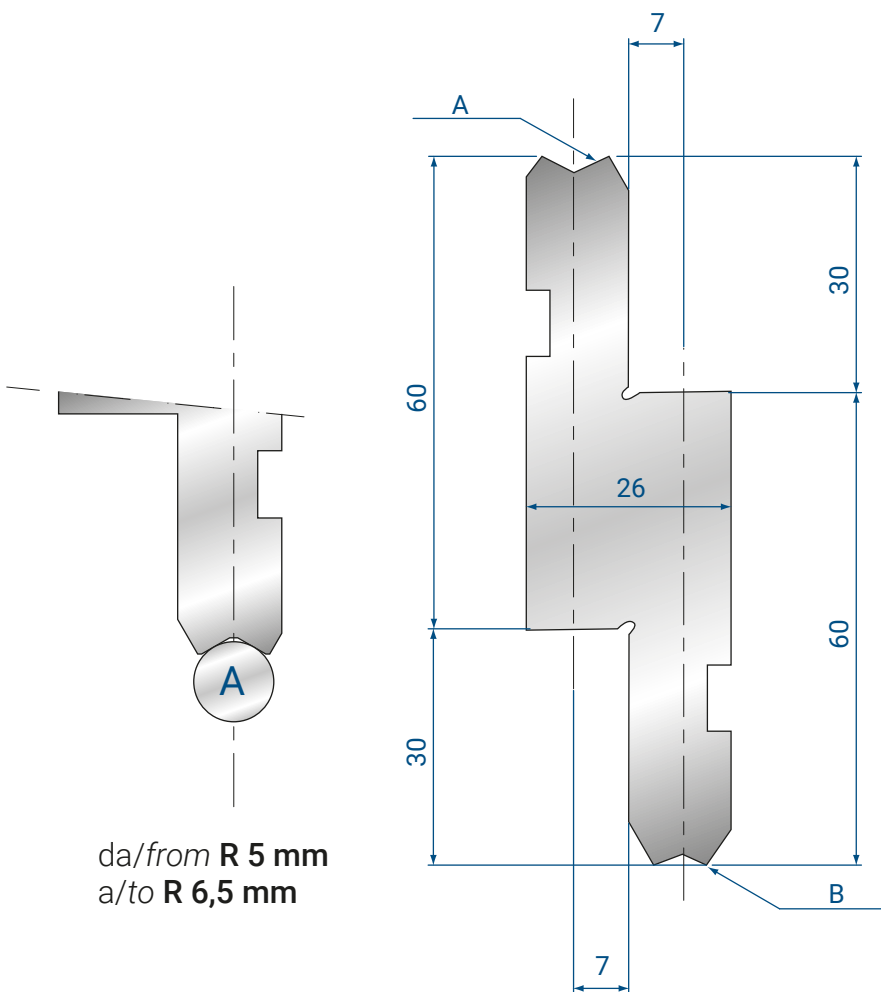
830 mm	28,6 kg
410 mm	14,1 kg

SUPPORTI PER INSERTI RAGGIATI PICCOLI
SMALL RADIUS INSERTS HOLDERS

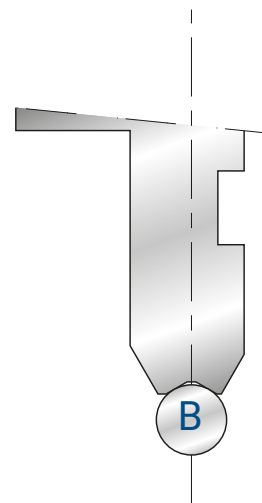
1155

AMADA/PROMECAM STYLE
Mat = C45

830 mm	9,4 kg
410 mm	4,6 kg



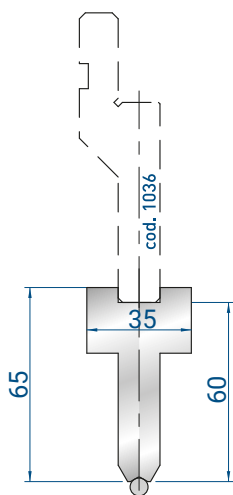
da/from R 5 mm
a/to R 6,5 mm



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

4275

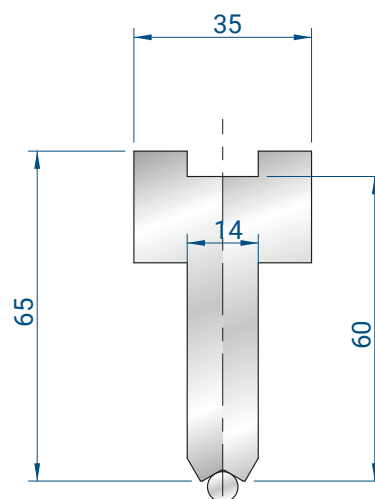
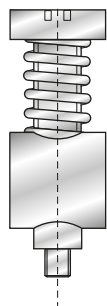
PEZZO DI RICAMBIO
SPARE PART



1296

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

830 mm	8,2 kg
410 mm	4,1 kg



1297

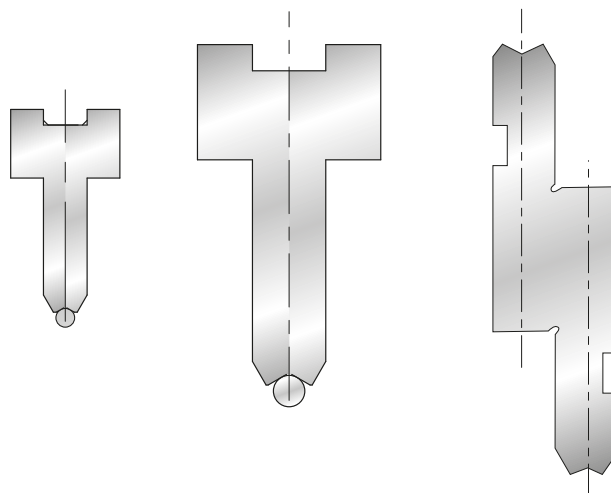
da/from R 5 mm
a/to R 6,5 mm

830 mm	8,2 kg
410 mm	4,1 kg

INSERTI RAGGIATI PICCOLI SMALL RADIUS INSERTS

SOLO PER SUPPORTI
ONLY FOR HOLDERS

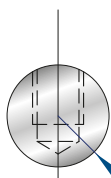
1155 - 1296 - 1297



1180

Mat = C45

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

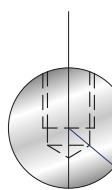


R3

1181

Mat = C45

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

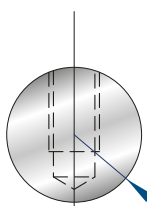


R3,5

1182

Mat = C45

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

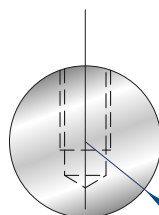


R4

1183

Mat = C45

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

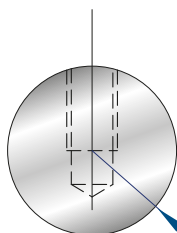


R4,5

1184

Mat = C45

835 mm	0,5 kg
415 mm	0,3 kg

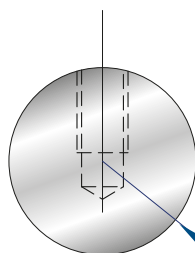


R5

1185

Mat = C45

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

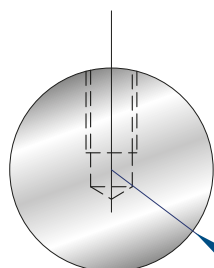


R5,5

1186

Mat = C45

835 mm	0,7 kg
415 mm	0,4 kg

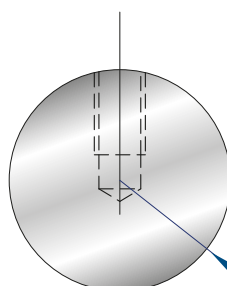


R6

1187

Mat = C45

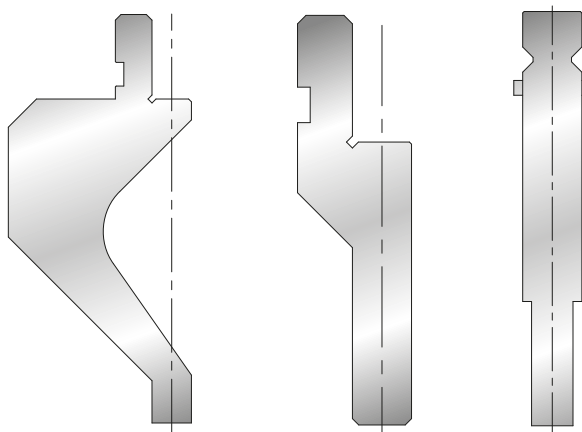
835 mm	0,9 kg
415 mm	0,4 kg



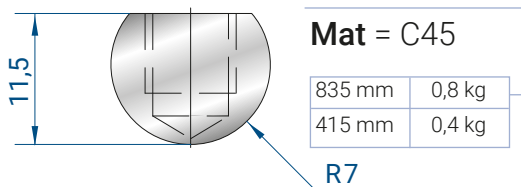
R6,5

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

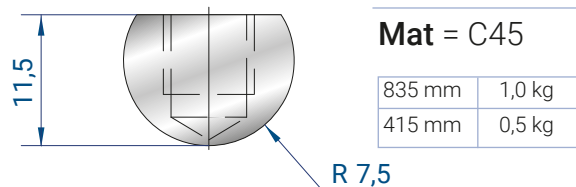
192; 193; 194



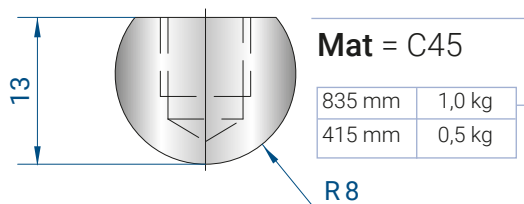
1100



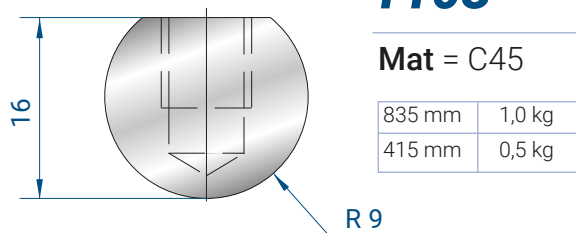
1101



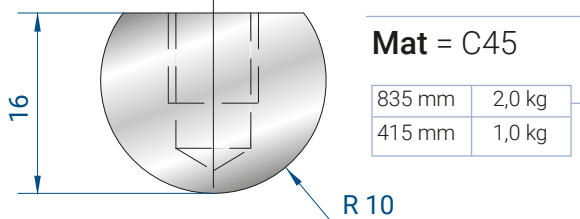
1102



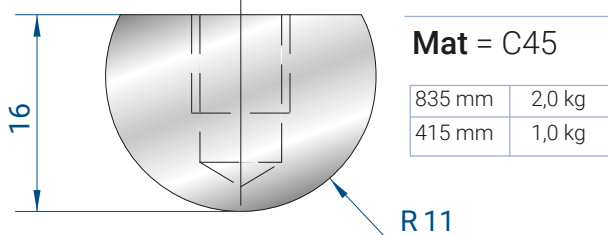
1103

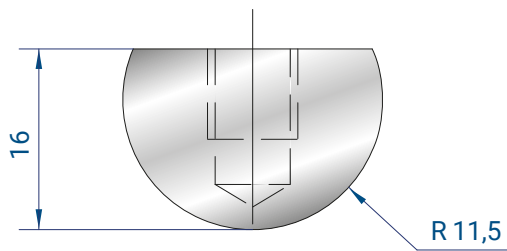


1037



1104

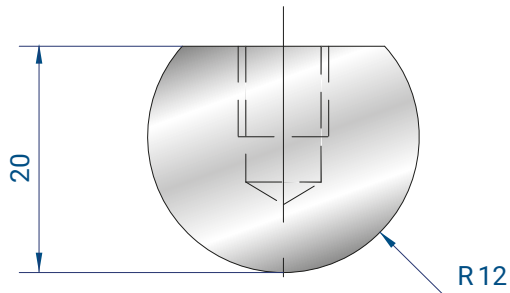




1105

Mat = C45

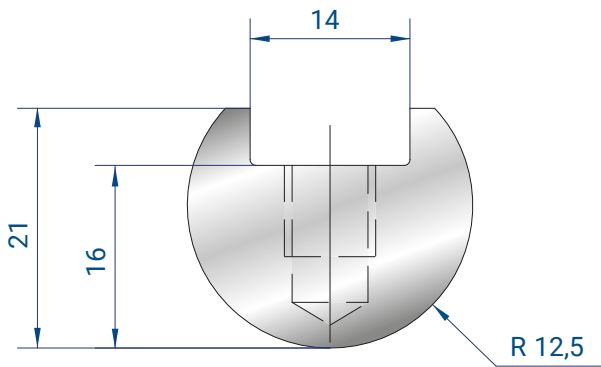
835 mm	2,0 kg
415 mm	1,0 kg



1106

Mat = C45

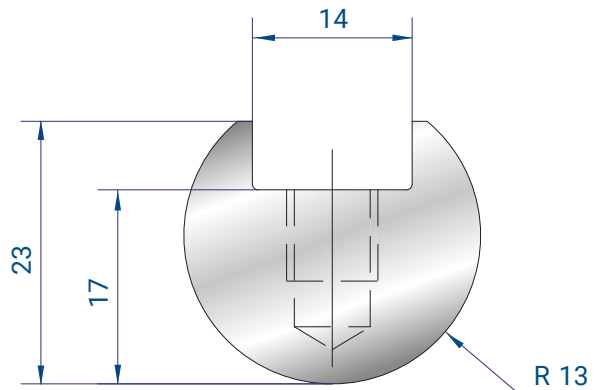
835 mm	2,0 kg
415 mm	1,0 kg



1107

Mat = C45

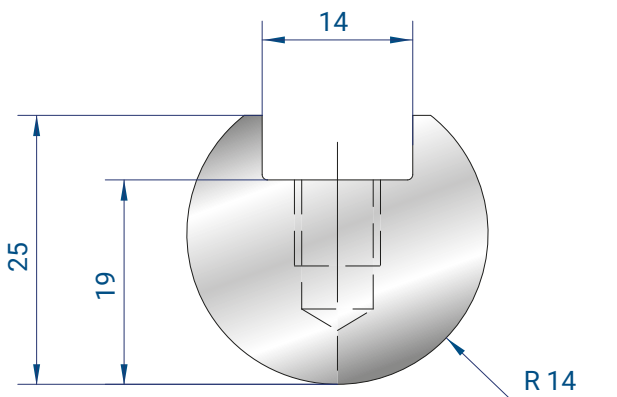
835 mm	3,0 kg
415 mm	1,5 kg



1108

Mat = C45

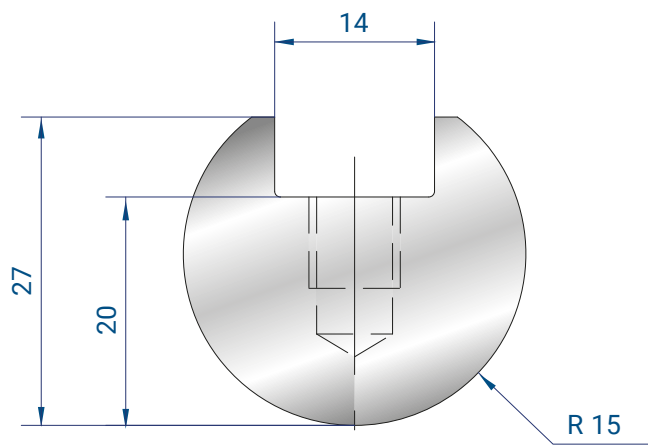
835 mm	3,0 kg
415 mm	1,0 kg



1109

Mat = C45

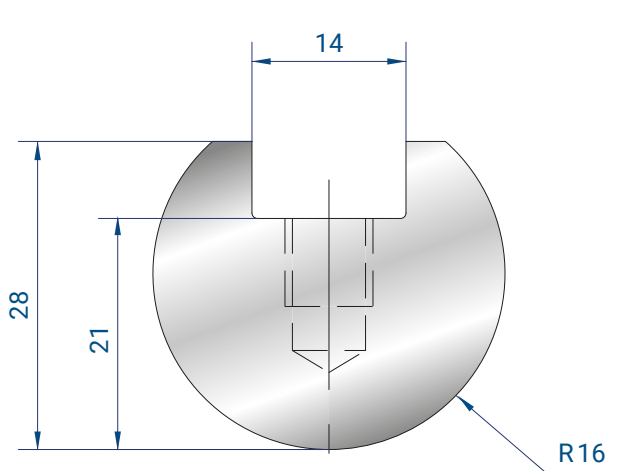
835 mm	4,0 kg
415 mm	2,0 kg



1038

Mat = C45

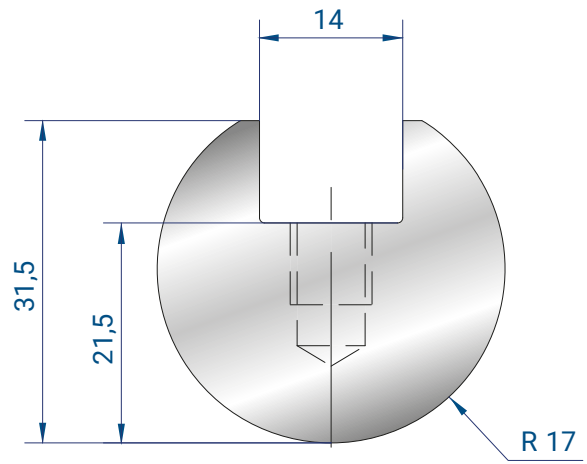
835 mm	4,0 kg
415 mm	2,0 kg



1110

Mat = C45

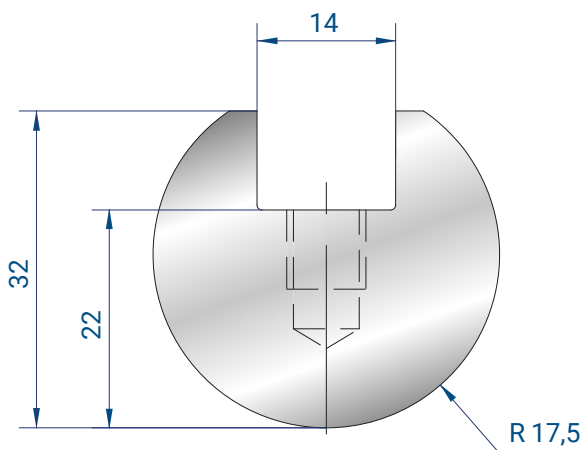
835 mm	5,0 kg
415 mm	2,0 kg



1111

Mat = C45

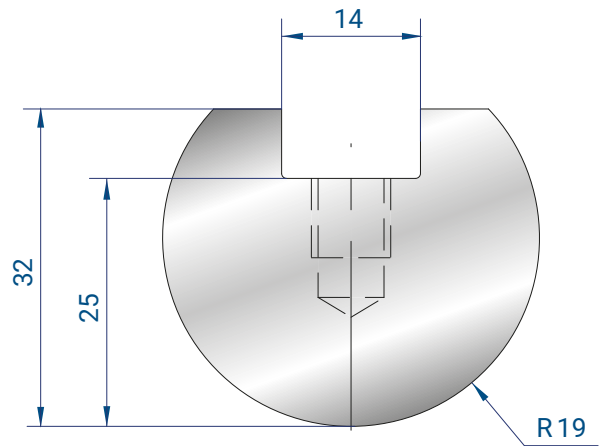
835 mm	5,0 kg
415 mm	2,5 kg



1039

Mat = C45

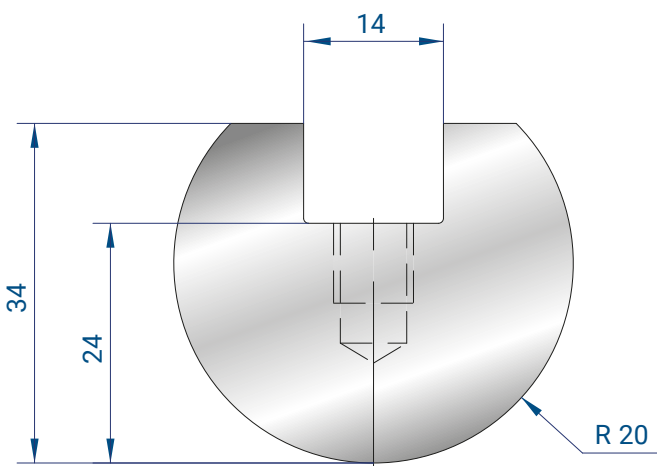
835 mm	5,0 kg
415 mm	2,5 kg



1112

Mat = C45

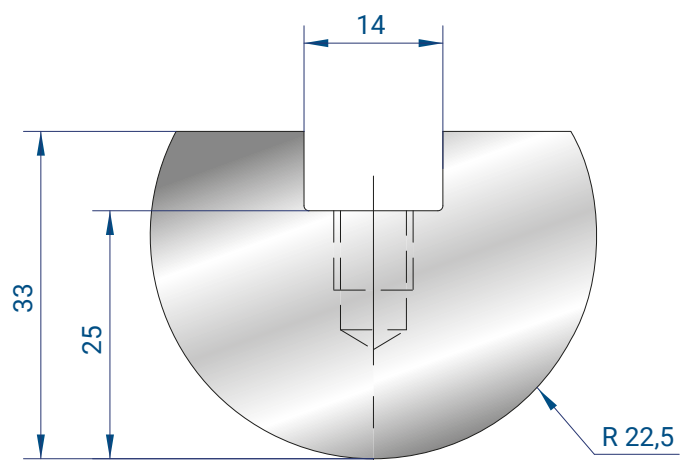
835 mm	6,0 kg
415 mm	3,0 kg



1040

Mat = C45

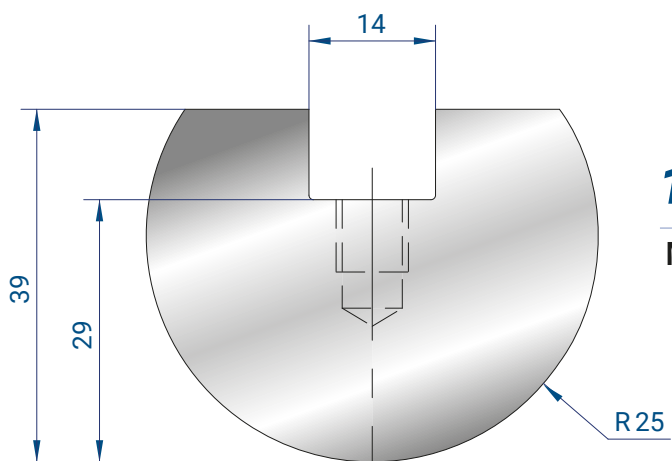
835 mm	6,0 kg
415 mm	3,0 kg



1113

Mat = C45

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



1041

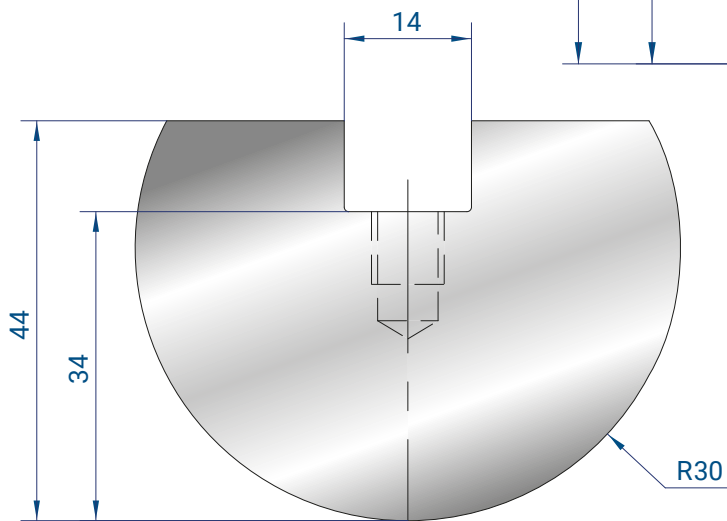
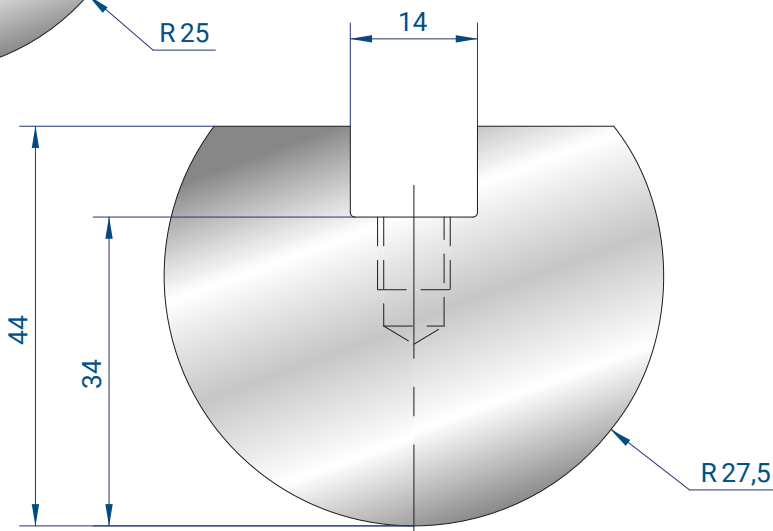
Mat = C45

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

1114

Mat = C45

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



1042

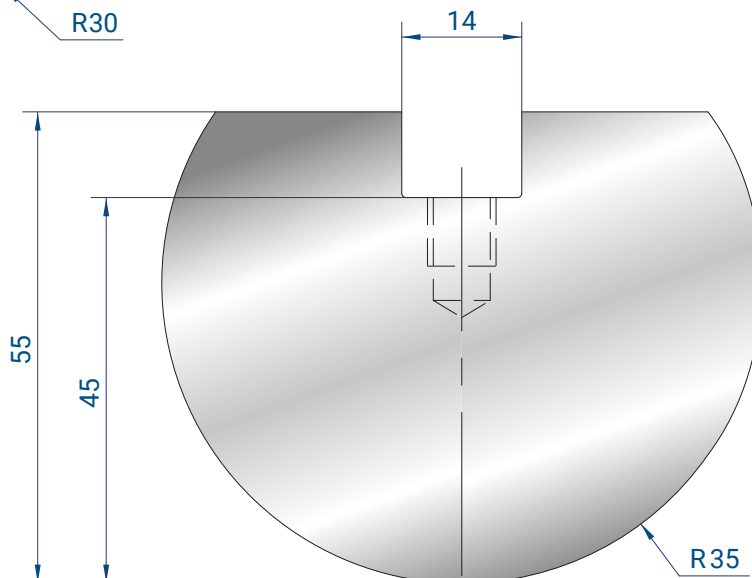
Mat = C45

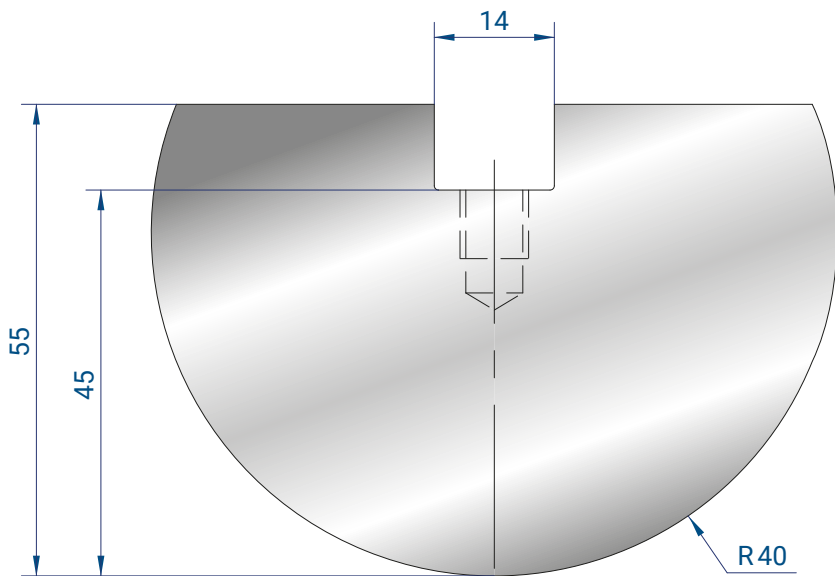
835 mm	13,0 kg
415 mm	6,0 kg

1115

Mat = C45

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





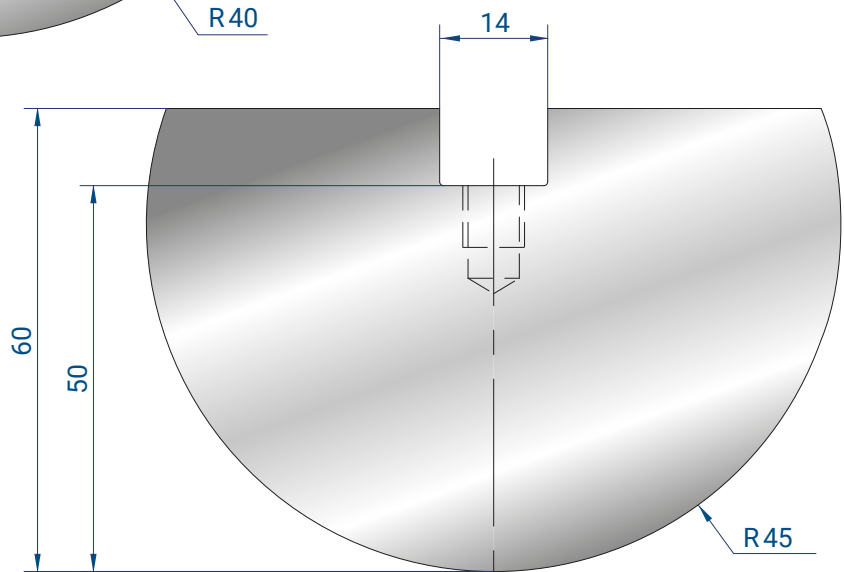
1116

Mat = C45

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

1117
Mat = C45

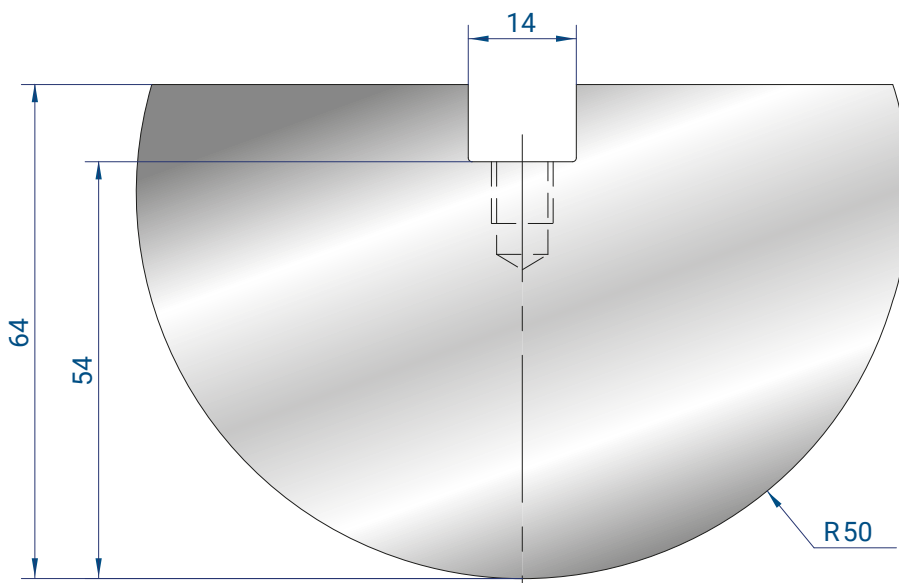
835 mm	29,0 kg
415 mm	14,0 kg



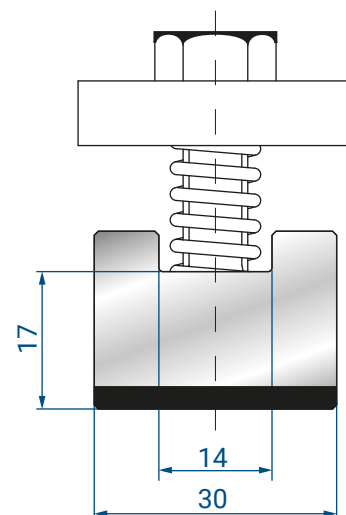
1118

Mat = C45

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



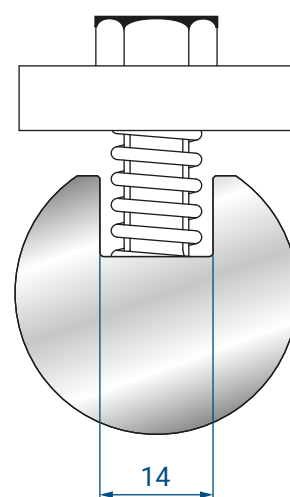
INSERTI QUADRI E ACCESSORI
FLATTENING INSERTS AND ACCESSORIES



1043

Mat = C45

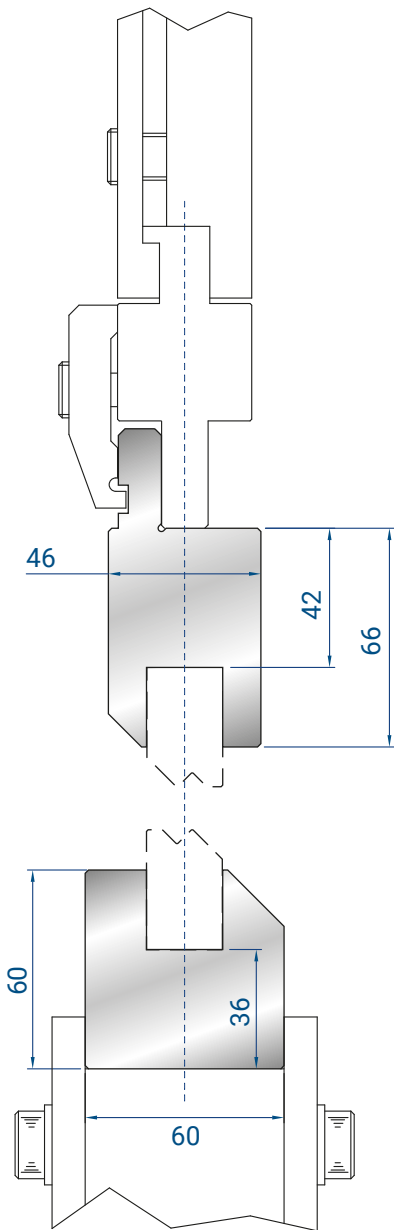
835 mm	3,8 kg
415 mm	1,9 kg



4274

Mat = C45

MOLLA + VITE + PIASTRINA
SPRING + SCREW + PLATE

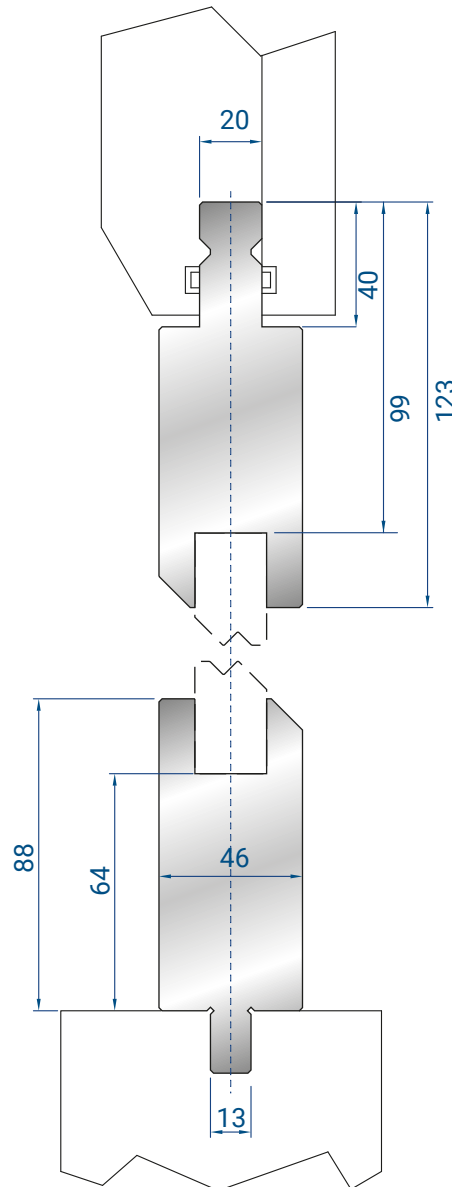


1150

AMADA /
PROMECAM
STYLE

Mat = C45

835 mm	37,1 kg
415 mm	18,4 kg

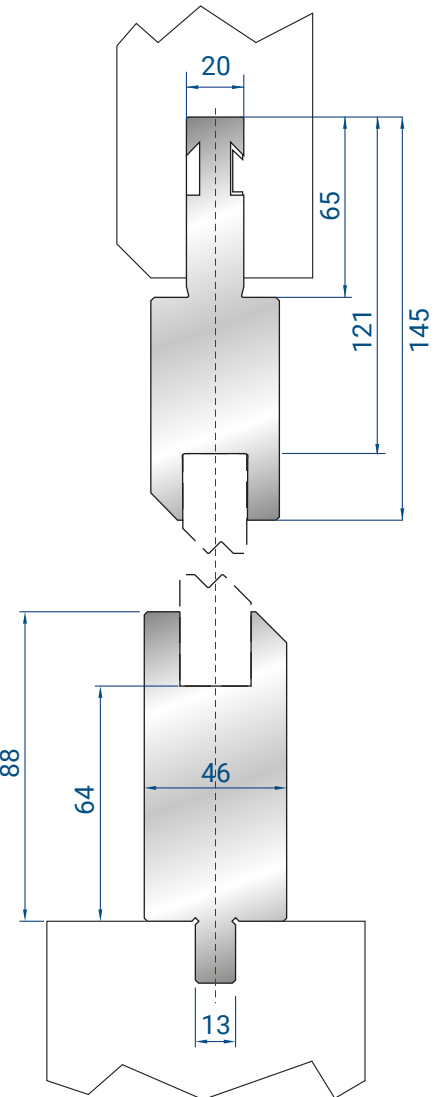


1242

TRUMPF /WILA
STYLE

Mat = C45

835 mm	50,0 kg
415 mm	24,9 kg



1198

BYSTRONIC
STYLE

Mat = C45

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

ATTACCO / UPPER TANG RF-A

INCLUSO SU RICHIESTA
AVAILABLE ON DEMAND
AT NO COST

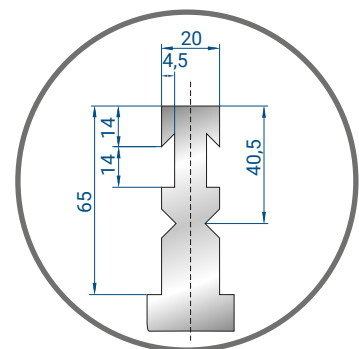
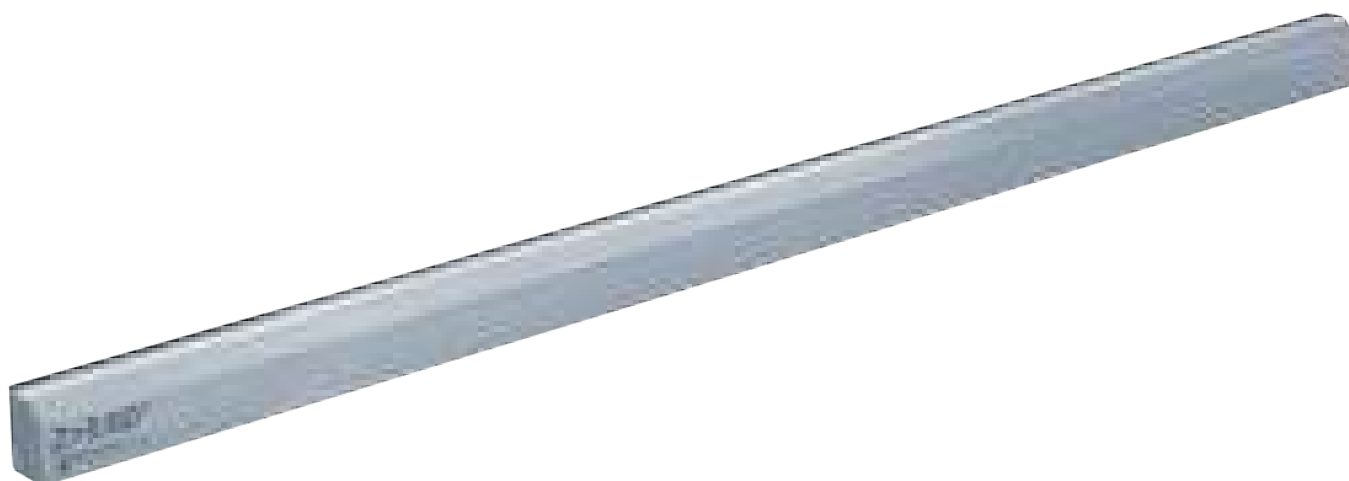
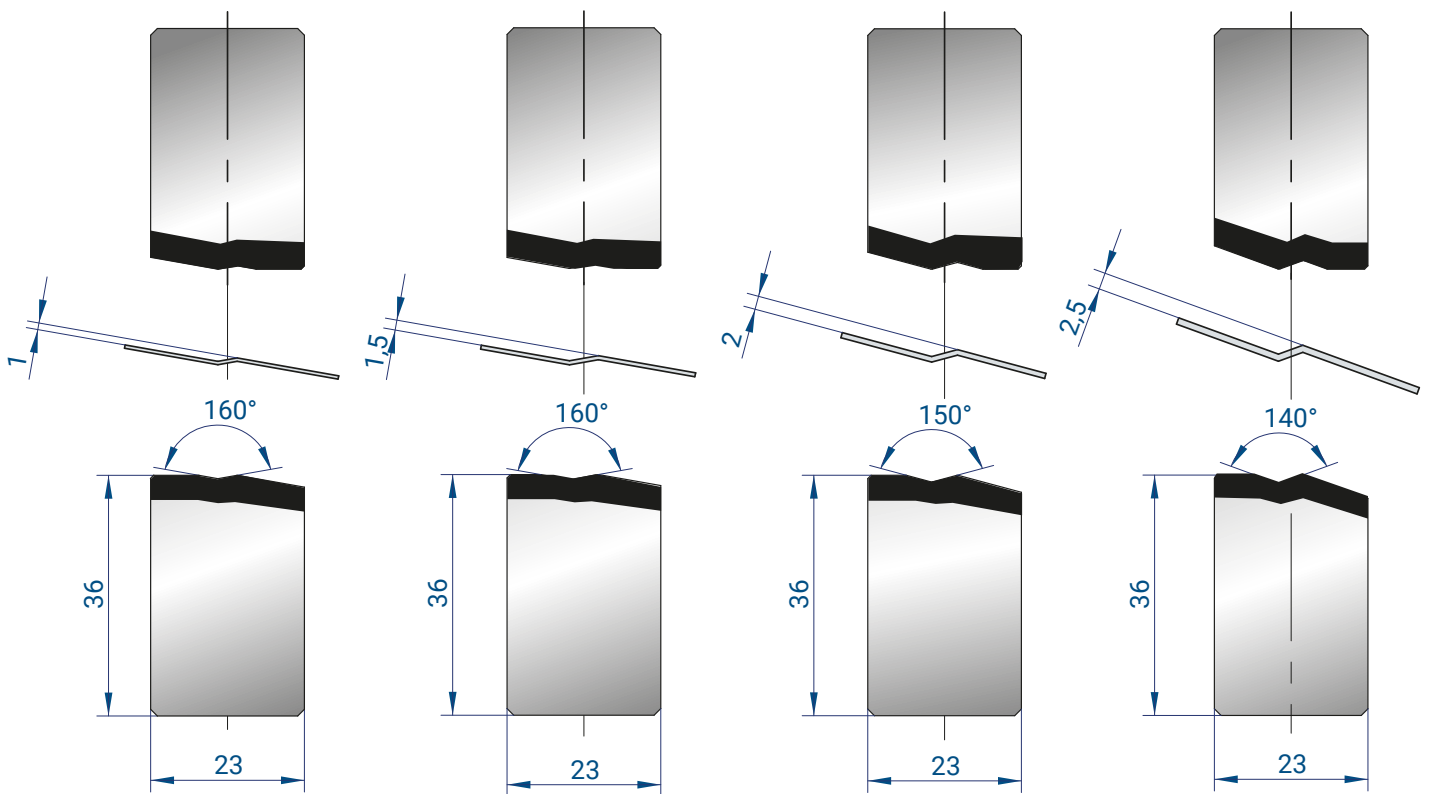


TABELLA INSERTI A Z / OFFSET TOOL HOLDERS

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	10,7 kg
415 mm	5,3 kg

1131

160°
 Mat = C45

835 mm	10,7 kg
415 mm	5,3 kg

1132

150°
 Mat = C45

835 mm	10,6 kg
415 mm	5,3 kg

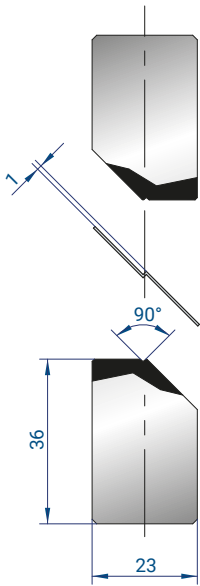
1133

140°
 Mat = C45

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

PER VERIFICARE LA FATTIBILITÀ DELLA PIEGA IN BASE ALLO SPESSORE LAMIERA, VEDI TABELLA PAGINA 204
 TO CHOOSE THE RIGHT JOOGLE TOOL BASED ON THE SHEET THICKNESS, PLEASE SEE THE CHART ON PAGE 204

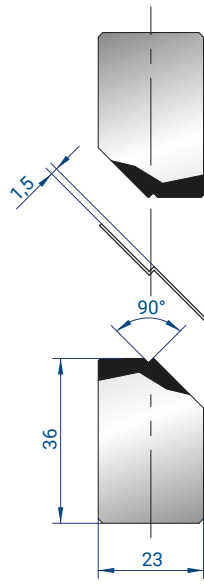




1276

90°
Mat = C45

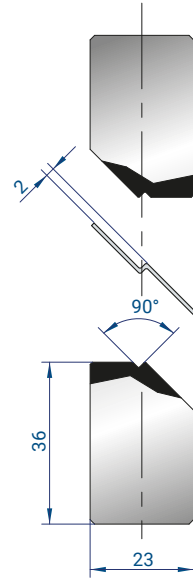
835 mm	10,0 kg
415 mm	5,0 kg



1277

90°
Mat = C45

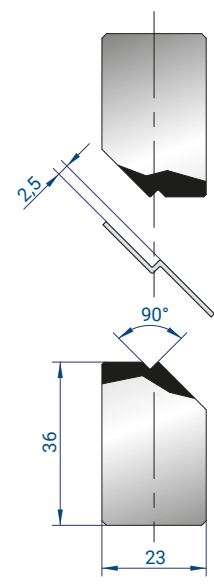
835 mm	10,0 kg
415 mm	5,0 kg



1274

90°
Mat = C45

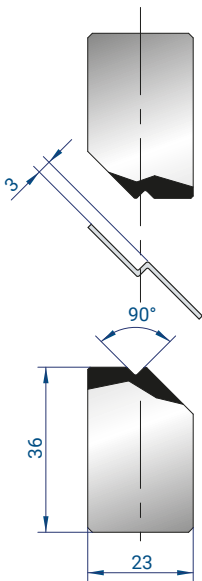
835 mm	10,0 kg
415 mm	5,0 kg



1275

90°
Mat = C45

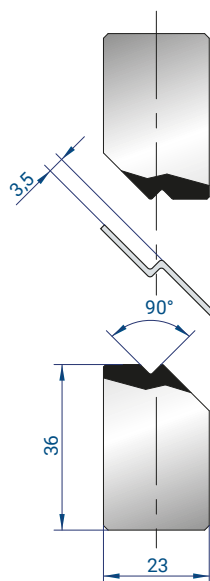
835 mm	10,1 kg
415 mm	5,0 kg



1134

90°
Mat = C45

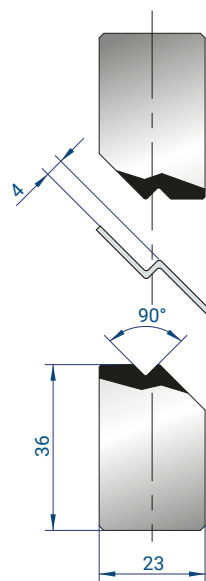
835 mm	10,1 kg
415 mm	5,0 kg



1135

90°
Mat = C45

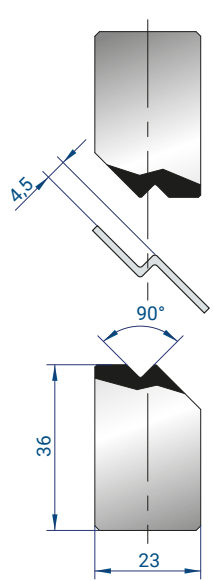
835 mm	10,1 kg
415 mm	5,0 kg



1136

90°
Mat = C45

835 mm	10,1 kg
415 mm	5,0 kg

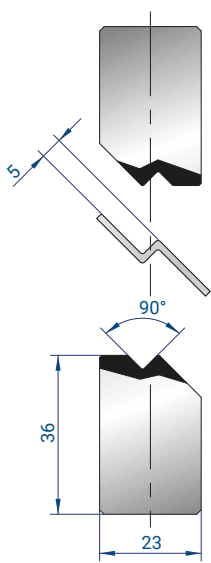


1137

90°
Mat = C45

835 mm	10,1 kg
415 mm	5,0 kg

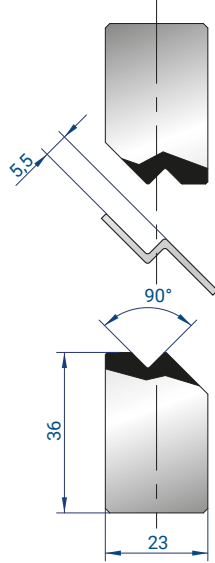
PER VERIFICARE LA FATTIBILITÀ DELLA PIEGA IN BASE ALLO SPESSORE LAMIERA, VEDI TABELLA PAGINA 204
TO CHOOSE THE RIGHT JOOGLE TOOL BASED ON THE SHEET THICKNESS, PLEASE SEE THE CHART ON PAGE 204



1138

90°
Mat = C45

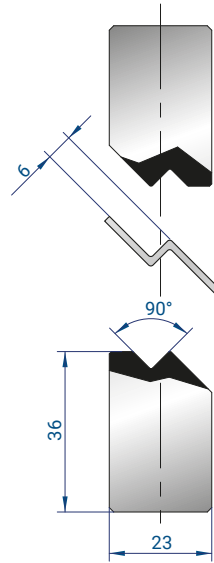
835 mm	10,1 kg
415 mm	5,0 kg



1139

90°
Mat = C45

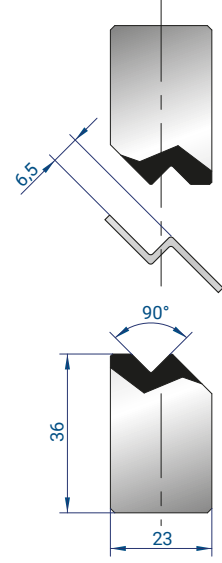
835 mm	10,1 kg
415 mm	5,0 kg



1140

90°
Mat = C45

835 mm	10,1 kg
415 mm	5,0 kg

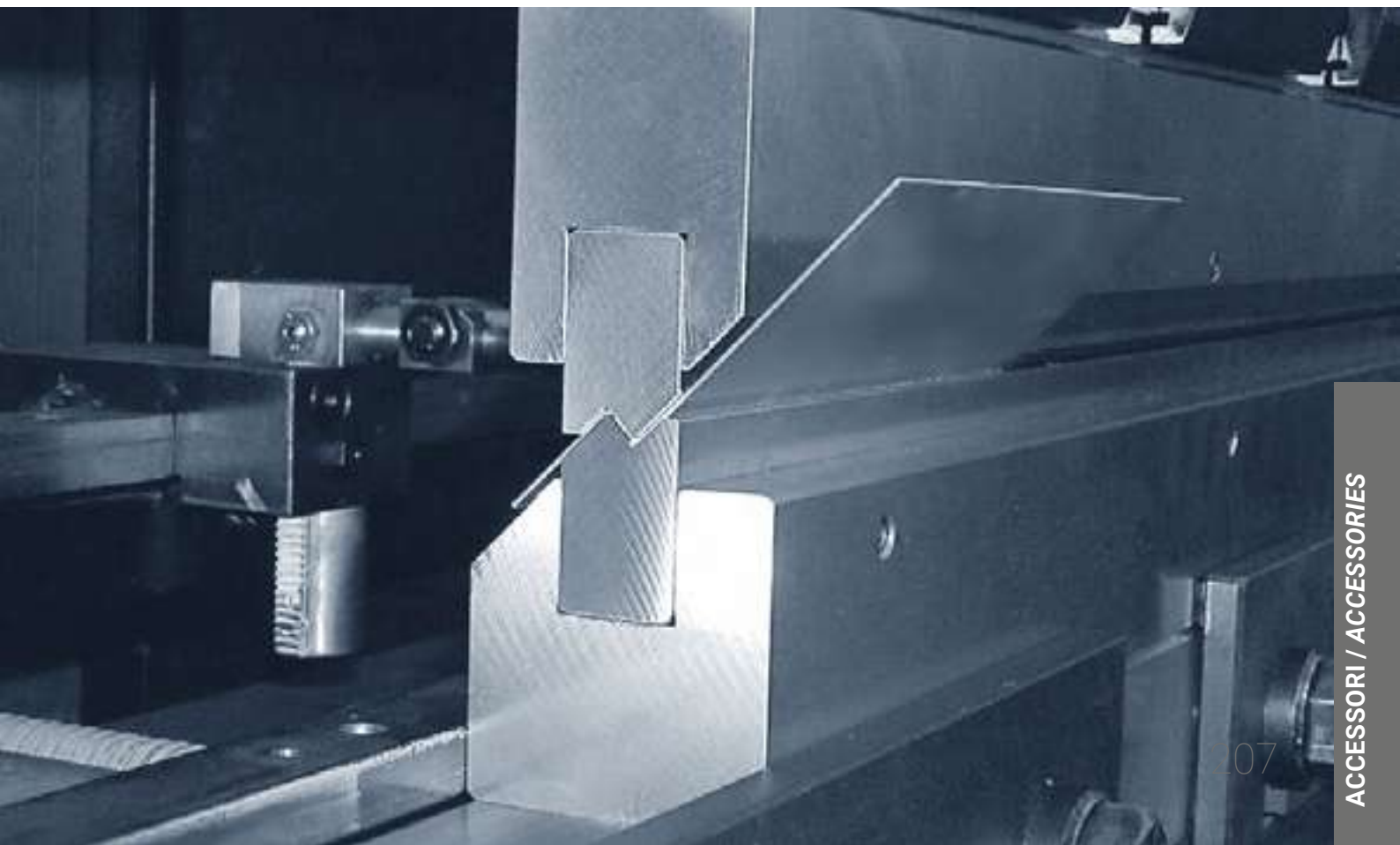


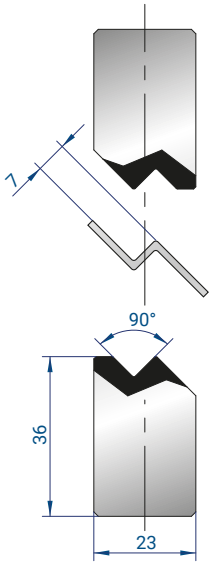
1141

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 204
TO CHOOSE THE RIGHT JOOGLE TOOL BASED ON THE SHEET THICKNESS, PLEASE SEE THE CHART ON PAGE 204

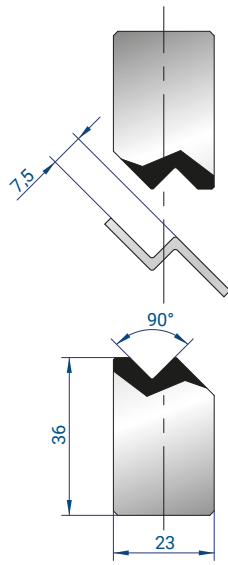




1142

90°
Mat = C45

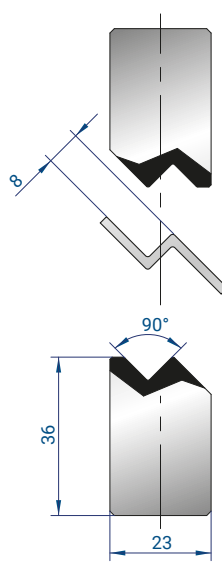
835 mm	10,0 kg
415 mm	5,0 kg



1143

90°
Mat = C45

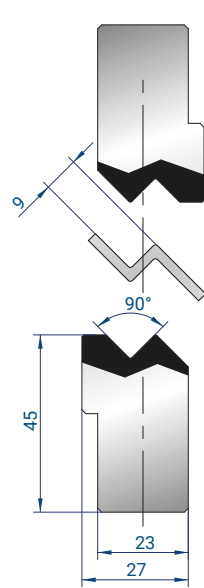
835 mm	10,0 kg
415 mm	5,0 kg



1144

90°
Mat = C45

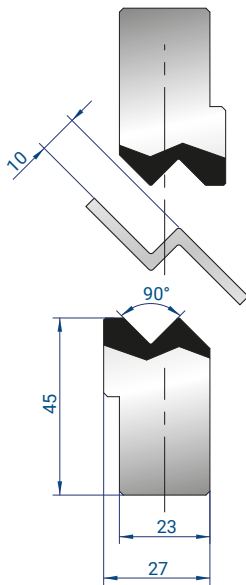
835 mm	10,0 kg
415 mm	5,0 kg



1145

90°
Mat = C45

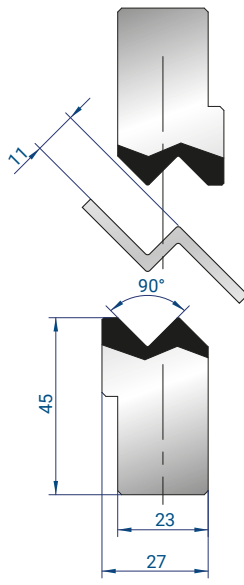
835 mm	13,6 kg
415 mm	6,8 kg



1146

90°
Mat = C45

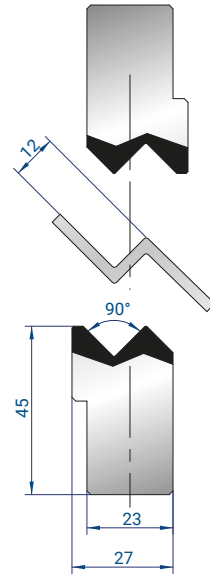
835 mm	13,6 kg
415 mm	6,7 kg



1147

90°
Mat = C45

835 mm	13,5 kg
415 mm	6,7 kg

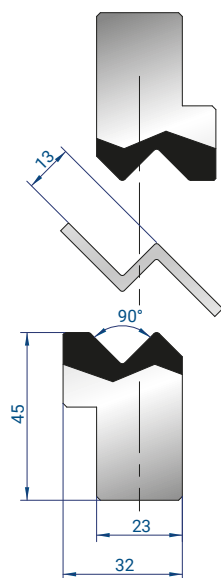


1148

90°
Mat = C45

835 mm	13,3 kg
415 mm	6,6 kg

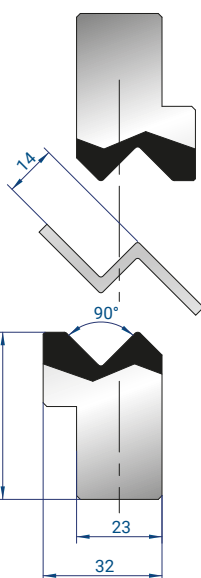
PER VERIFICARE LA FATTIBILITÀ DELLA PIEGA IN BASE ALLO SPESSORE LAMIERA, VEDI TABELLA PAGINA 204
TO CHOOSE THE RIGHT JOOGLE TOOL BASED ON THE SHEET THICKNESS, PLEASE SEE THE CHART ON PAGE 204



1278

90°
Mat = C45

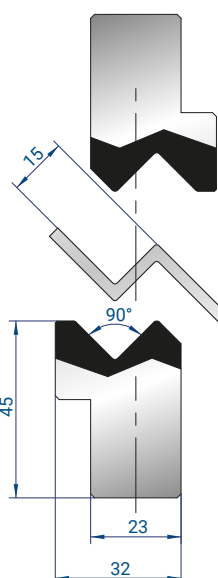
835 mm	14,6 kg
415 mm	7,3 kg



1279

90°
Mat = C45

835 mm	14,5 kg
415 mm	7,3 kg

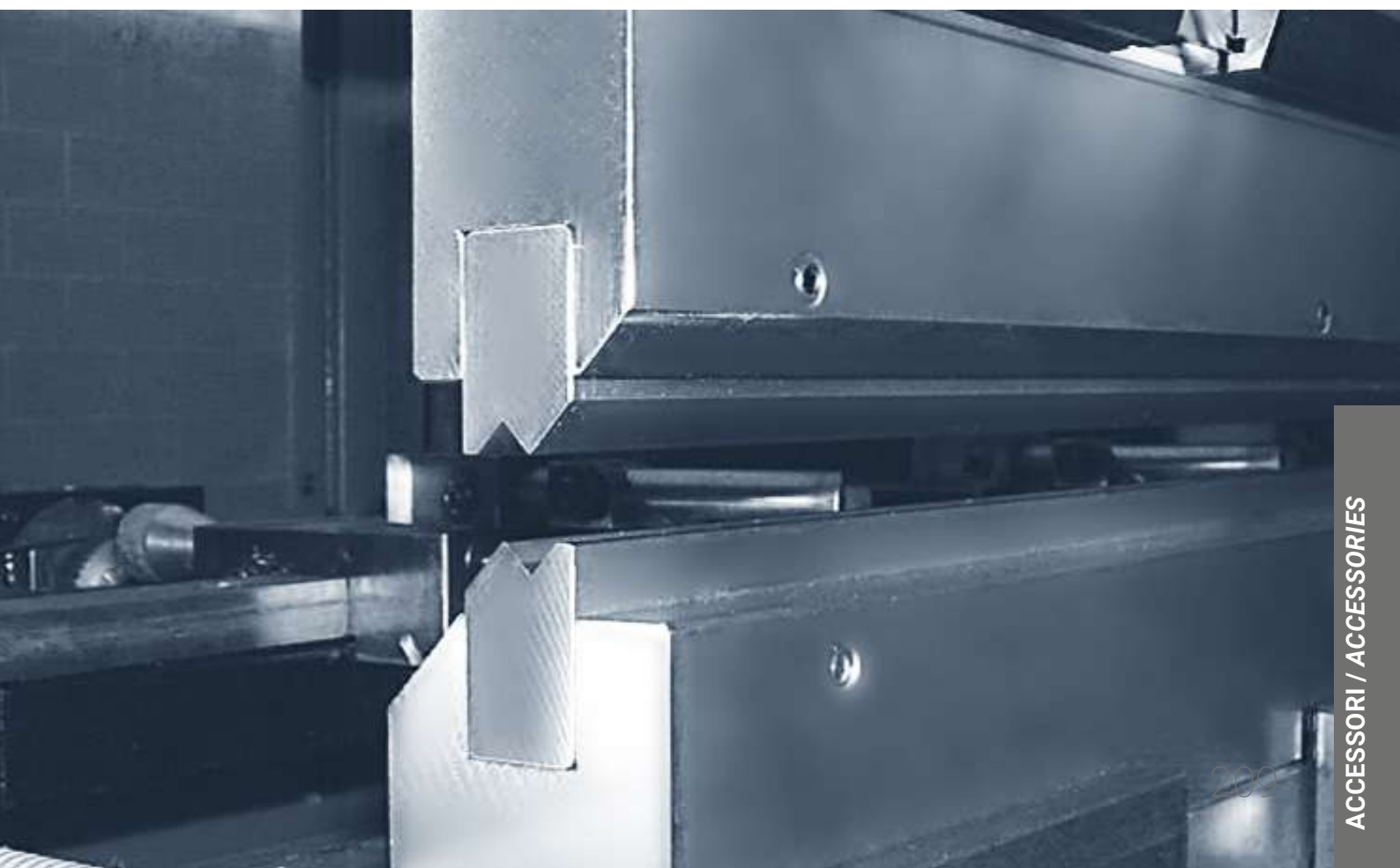


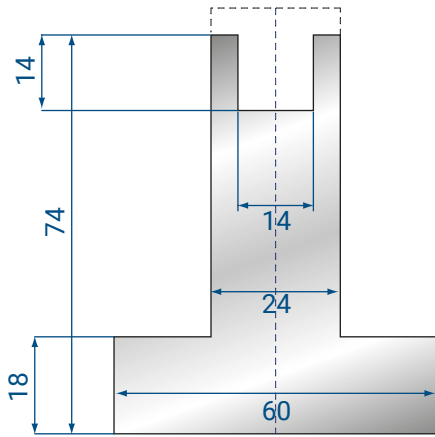
1280

90°
Mat = C45

835 mm	14,3 kg
415 mm	7,1 kg

PER VERIFICARE LA FATTIBILITÀ DELLA PIEGA IN BASE ALLO SPESSORE LAMIERA, VEDI TABELLA PAGINA 204
TO CHOOSE THE RIGHT JOOGLE TOOL BASED ON THE SHEET THICKNESS, PLEASE SEE THE CHART ON PAGE 204

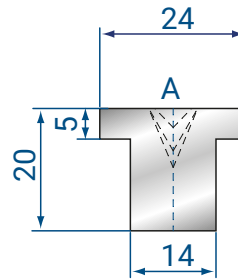




2109

AMADA STYLE

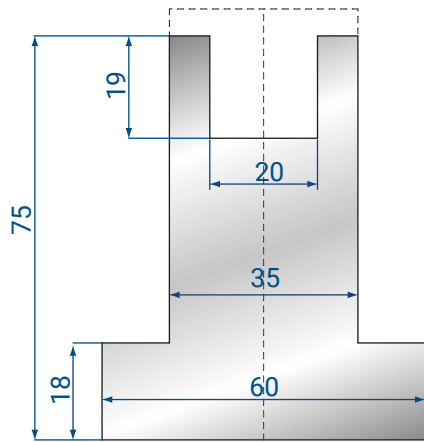
835 mm	14,5 kg
415 mm	7,2 kg



2112

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

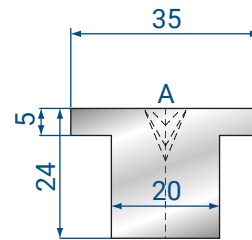
A	V		
88°	6	8	10
60°	6	8	10
45°	6	8	10
30°	6	8	



2110

AMADA STYLE

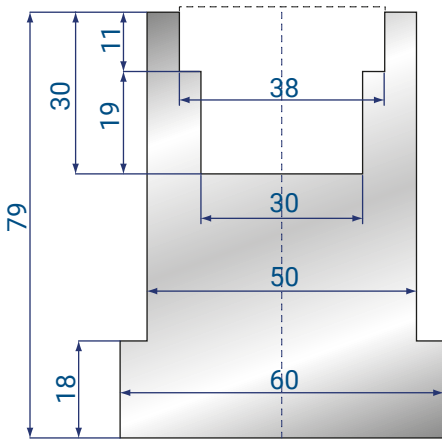
835 mm	17,6 kg
415 mm	8,7 kg



2113

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

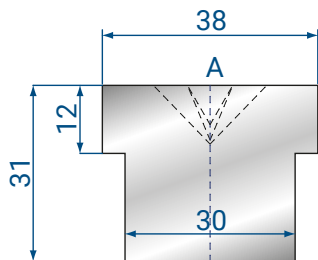
A	V				
88°	6	8	10	12	16
60°	6	8	10	12	16
45°	6	8	10	12	
30°	6	8	10		



2111

AMADA STYLE

835 mm	20,5 kg
415 mm	10,2 kg



2114

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

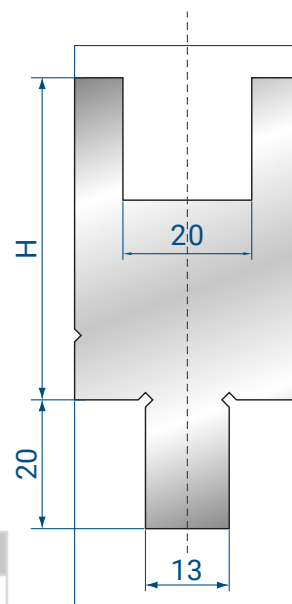
A	V							
88°	6	8	10	12	16	20	25	
60°	6	8	10	12	16	20		
45°	6	8	10	12	16	20		
30°	6	8	10	12	16			

2115

BYSTRONIC TRUMPF WILA STYLE

H = 50

835 mm	10,6 kg
415 mm	5,3 kg

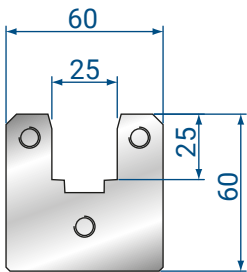


2116

BYSTRONIC TRUMPF WILA STYLE

H = 95

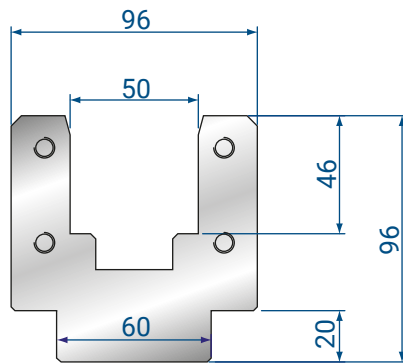
835 mm	20,9 kg
415 mm	10,4 kg



2036

AMADA STYLE

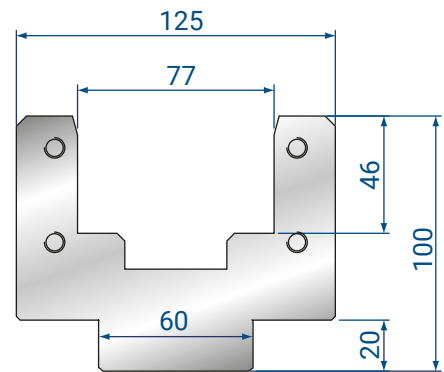
835 mm	19,3 kg
415 mm	9,8 kg



2037

AMADA STYLE

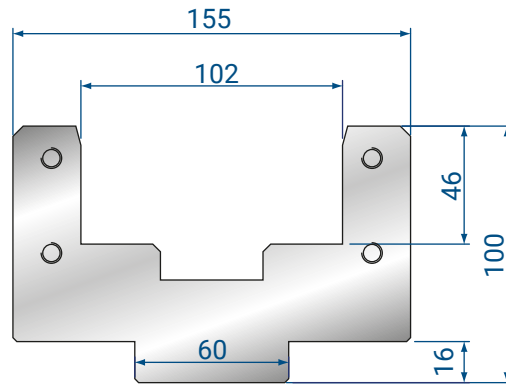
835 mm	37,0 kg
415 mm	18,0 kg



2038

AMADA STYLE

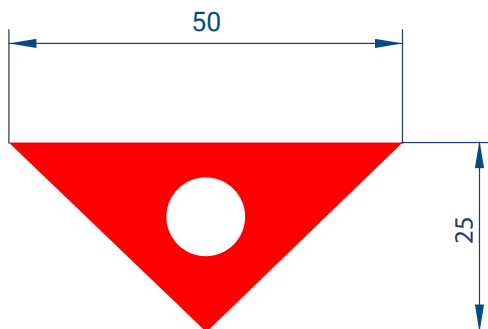
835 mm	45,0 kg
415 mm	22,0 kg



2040

AMADA STYLE

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

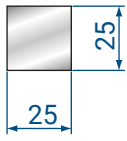


2119

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

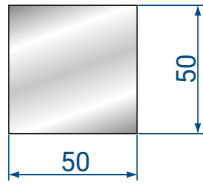
CONTENITORI E INSERTI IN POLIURETANO
POLYURETHANE INSERTS AND HOLDER



2101

92 SHORE

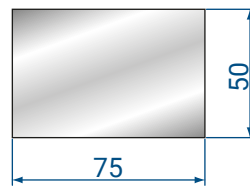
835 mm	0,5 kg
415 mm	0,3 kg



2102

92 SHORE

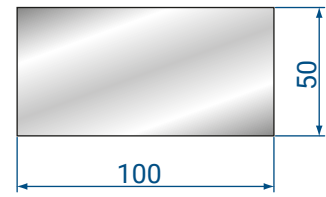
835 mm	2,2 kg
415 mm	1,1 kg



2103

92 SHORE

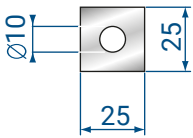
835 mm	3,3 kg
415 mm	1,6 kg



2104

92 SHORE

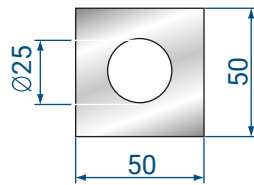
835 mm	4,4 kg
415 mm	2,2 kg



2105

92 SHORE

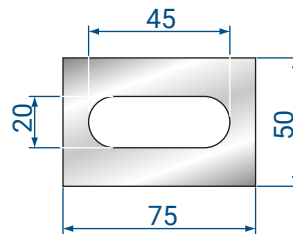
835 mm	0,5 kg
415 mm	0,2 kg



2106

92 SHORE

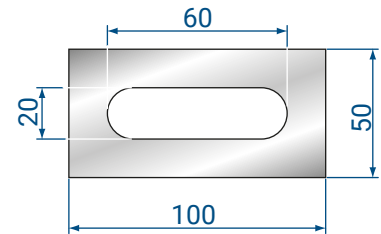
835 mm	1,8 kg
415 mm	0,9 kg



2107

92 SHORE

835 mm	2,6 kg
415 mm	1,3 kg



2108

92 SHORE

835 mm	3,4 kg
415 mm	1,7 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

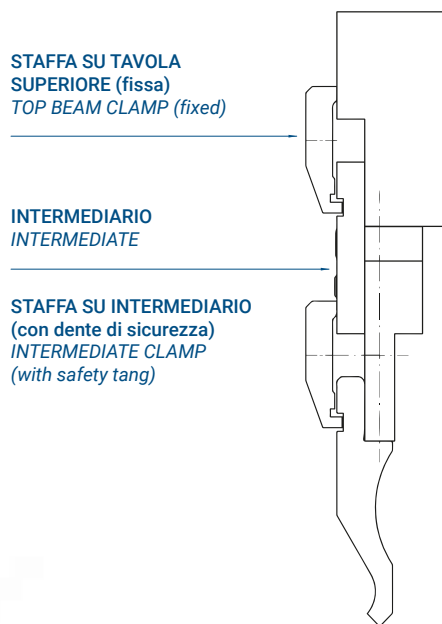
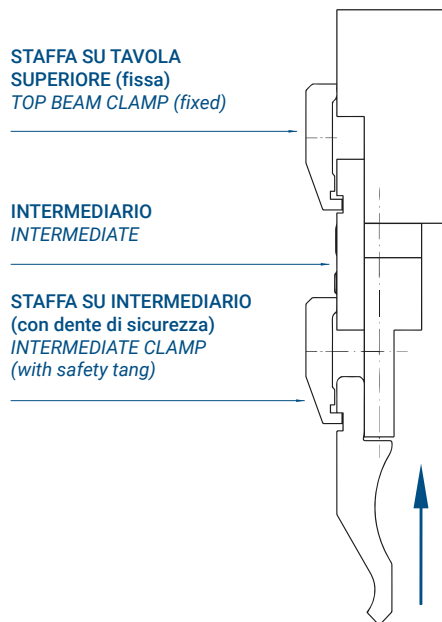
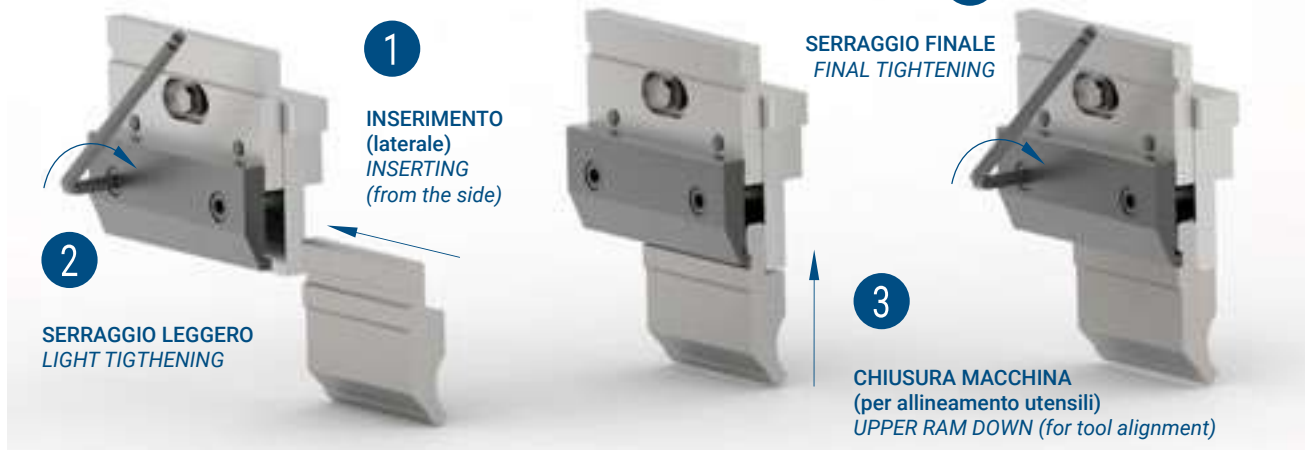
The standard system requires to install the upper tooling through safety clamps screwed on the intermediates connected to the upper machine table.

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.



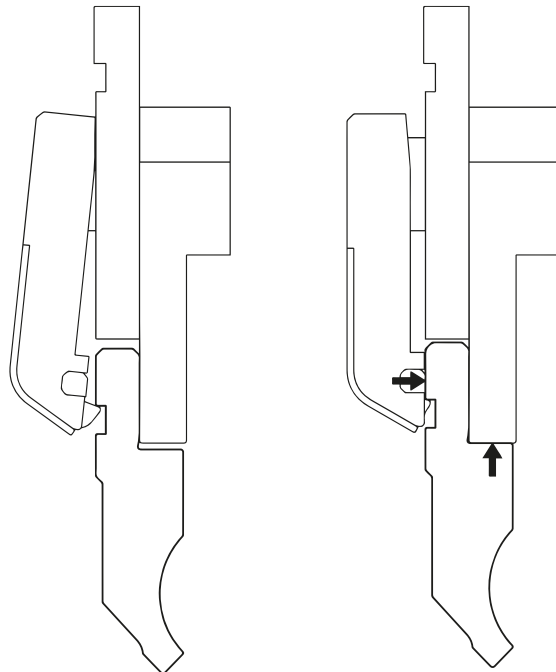
L'INNOVAZIONE EUROGRIP / THE EUROGRIP INNOVATION

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).

The 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 TRADIZIONALE

AVERAGE TIME WITH STANDARD SYSTEM

circa 9,5 minuti
about 9,5 minutes

TEMPO RICHiesto CON SISTEMA EUROGRIP MANUALE

AVERAGE TIME REQUIRE WITH EUROGRIP MANUAL SYSTEM

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

TEMPO RICHiesto CON SISTEMA EUROGRIP PNEUMATICO

AVERAGE TIME REQUIRE WITH EUROGRIP PNEUMATIC 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

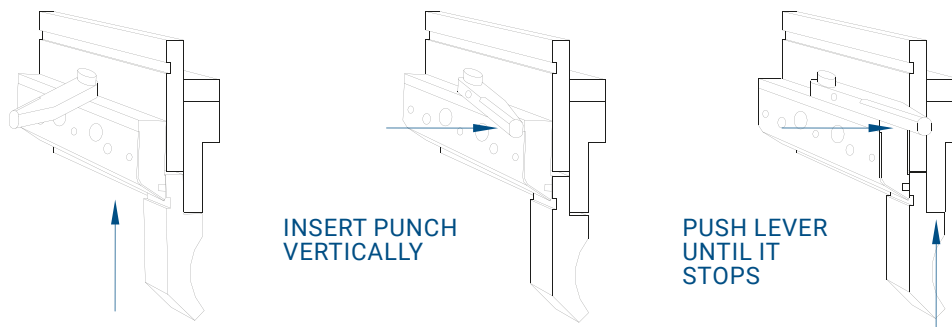
THE SHARE OF TIME REQUIRED FOR EACH TOOL REPLACEMENT OPERATION OVER A 1-HOUR FABRICATION TIME IS, RESPECTIVELY:

- 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)	120		
	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	10		
		Serraggio finale 30 viti (3 secondi cad) Final tightening of 30 allen bolts (3 seconds each)	90		
	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

PRINCIPIO OPERATIVO / PRINCIPLE OF OPERATIONS

INSERIMENTO PUNZONE PUNCH LOADING



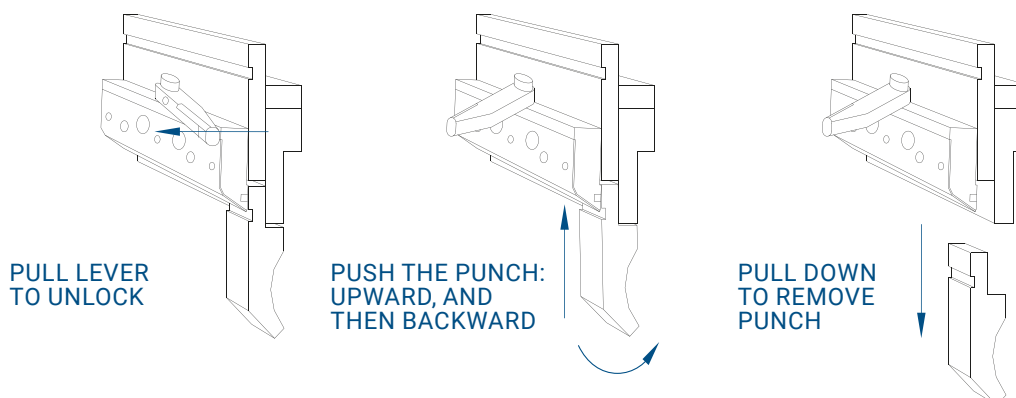
Quando la staffa è in posizione di apertura, permette l'inserimento del punzone in senso verticale verso l'alto fino a quando la cava di sicurezza incontra il meccanismo di sicurezza della staffa, che lo aggancia e lo mantiene sollevato.

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 intermedio / Intermediate dimension **Z1**
(Corpo / Body: 27mm – Asse / Axis: 7mm) [page 219](#)

4409 Dimensioni intermedio / Intermediate dimension **Z2**
(Corpo / Body: 40mm – Asse / Axis: 20mm) [page 220](#)

Versione / Version M-TOP

4390 Dimensioni intermedio / Intermediate dimension **Z1**
(Corpo / Body: 27mm – Asse / Axis: 7mm) [page 221](#)

4400 Dimensioni intermedio / Intermediate dimension **Z2**
(Corpo / Body: 40mm – Asse / Axis: 20mm) [page 222](#)

4419 Dimensioni intermedio / Intermediate dimension **Z1**
(Corpo / Body: 27mm – Asse / Axis: 7mm) [page 223](#)

4414 Dimensioni intermedio / Intermediate dimension **Z2**
(Corpo / Body: 40mm – Asse / Axis: 20mm) [page 224](#)

SISTEMI PNEUMATICI / PNEUMATIC CLAMPING SYSTEMS

Versione / Version P-EASY

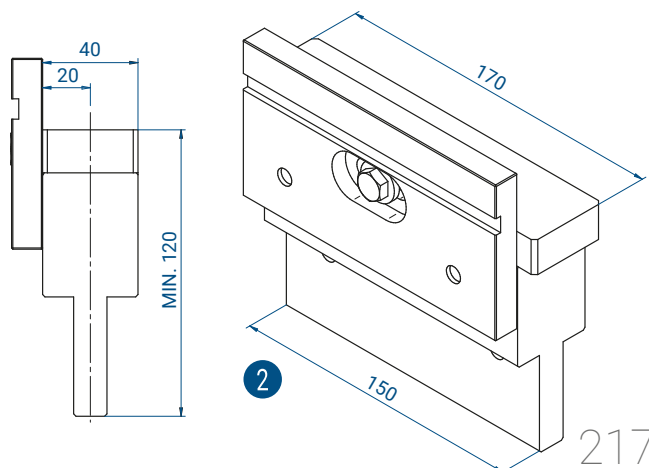
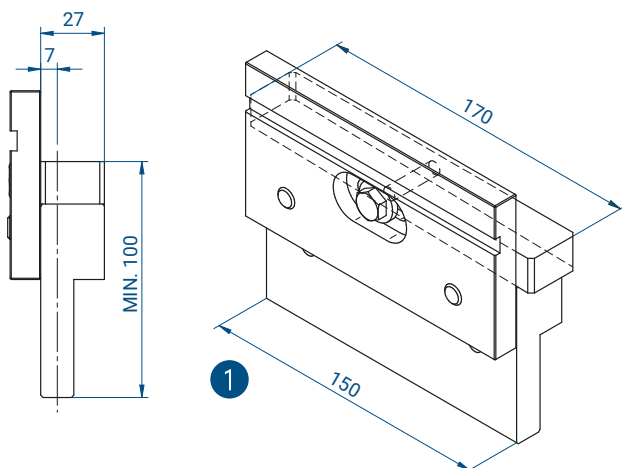
4392 Dimensioni intermedio / Intermediate dimension **Z1**
(Corpo / Body: 27mm – Asse / Axis: 7mm) [page 228](#)

4405 Dimensioni intermedio / Intermediate dimension **Z2**
(Corpo / Body: 40mm – Asse / Axis: 20mm) [page 229](#)

Versione / Version P-TOP

4399 Dimensioni intermedio / Intermediate dimension **Z1**
4398 (Corpo / Body: 27mm – Asse / Axis: 7mm) [page 230 - 231](#)

4399 Dimensioni intermedio / Intermediate dimension **Z2**
4410 (Corpo / Body: 40mm – Asse / Axis: 20mm) [page 230 - 232](#)



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

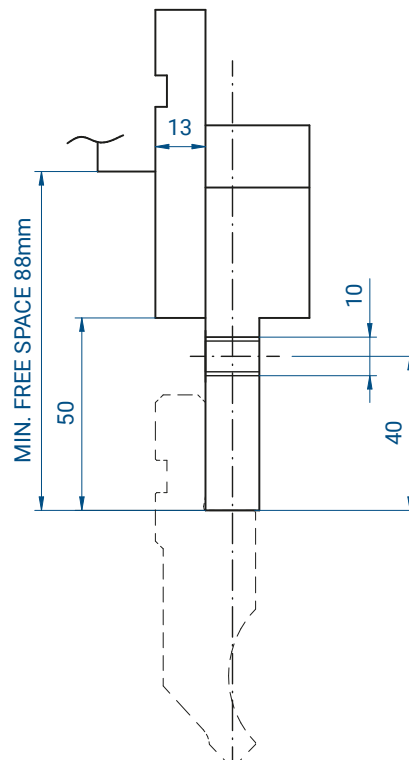
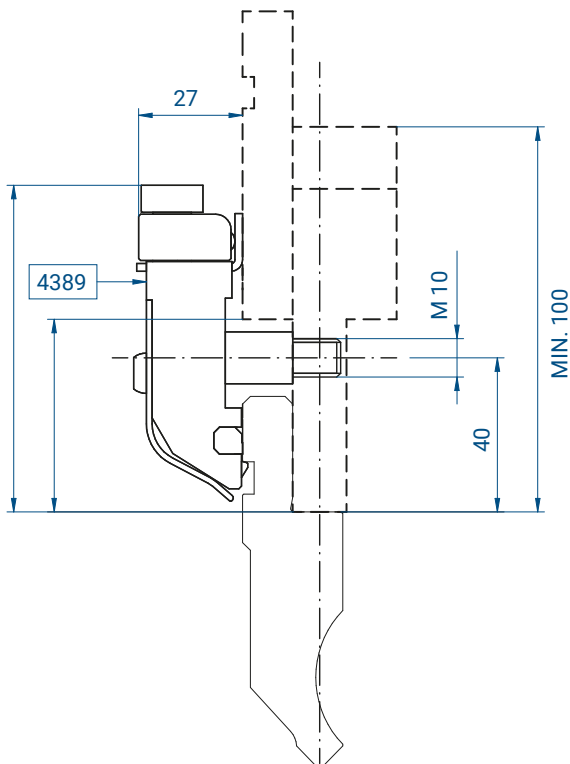
Solo su intermediari conformi Z1 (altezza 100mm; corpo 27mm; asse 7mm): tutte le dimensioni dell'intermediario devono essere verificate e confrontate con il disegno tecnico di questa pagina.

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 0,8 kg



DESCRIZIONE

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

SPECIFICHE TECNICHE

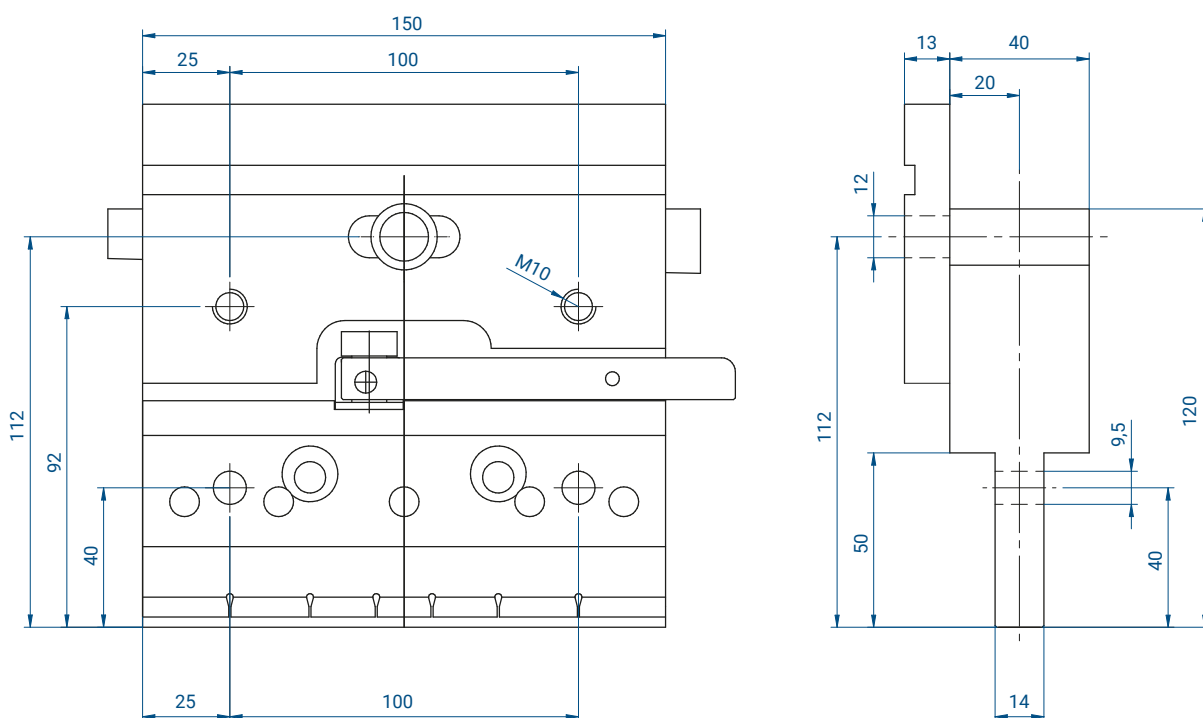
Solo su intermediari conformi Z2 (altezza minima 120mm; corpo 40mm; asse 20mm). Tutte le dimensioni dell'intermediario devono essere verificate e confrontate con il disegno tecnico di questa pagina.

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.



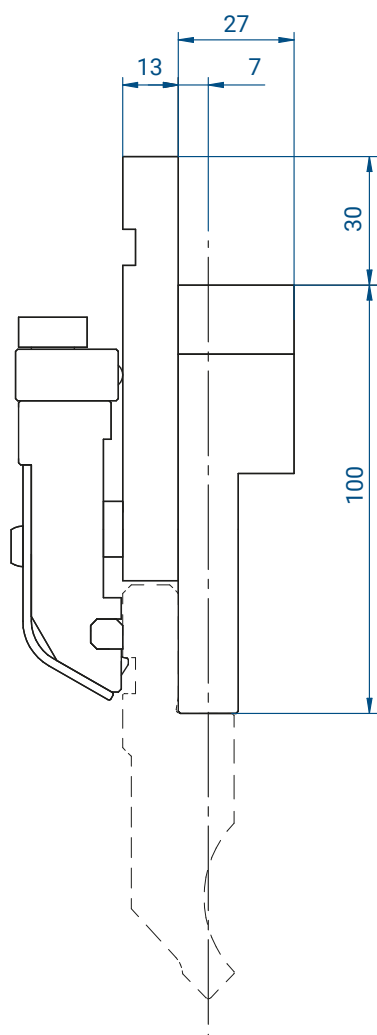
Modello / Model

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 5,2 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): tutte le dimensioni dell'intermediario devono essere verificate e confrontate con il disegno tecnico di 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.

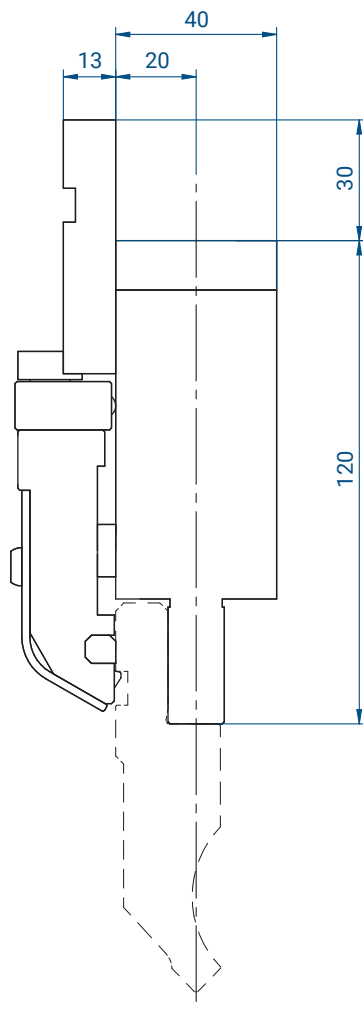
Modello / Model

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 7,0 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.

Questa soluzione è la scelta migliore quando una nuova serie di intermedi sta sostituendo quelli vecchi (danneggiati o usurati) o quando la dimensione dell'intermedio originale non consente di utilizzare il 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): tutte le dimensioni dell'intermediario devono essere verificate e confrontate con il disegno tecnico di 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

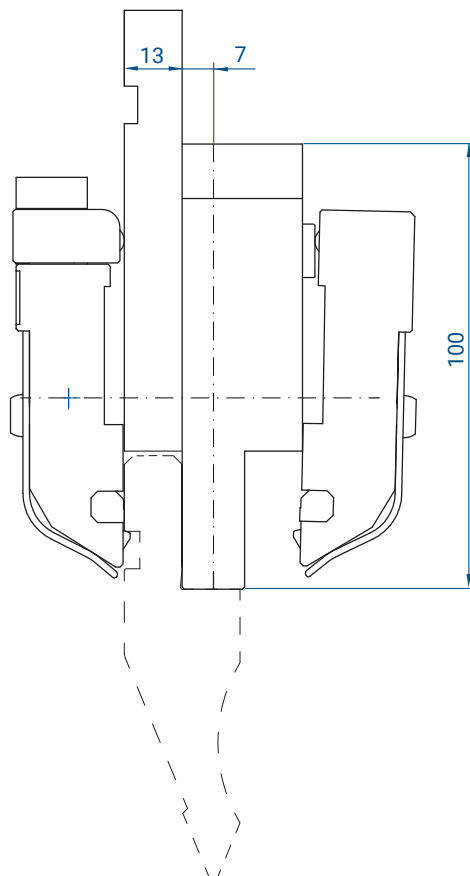
Modello / Model

4419
Z1 (M-TOP Z1 DUO)

SISTEMA MANUALE EUROGRIP M-TOP Z1 DUO: STAFFE ASSEMBLATE SU INTERMEDIO SPECIFICO Z2

EUROGRIP MANUAL SYSTEM M-TOP Z1 DUO: FRONT CLAMPS ASSEMBLED ON SPECIFIC Z2 STYLE INTERMEDIATE

150 mm 7,0 kg



CARATTERISTICHE TECNICHE

Ogni singolo pezzo di utensile può essere montato con orientamento frontale oppure posteriore (rotazione di 180°) in base alla necessità di piegatura.

Inserimento verticale per entrambe gli orientamenti con aggancio automatico nel sistema aperto. Nessun limite di lunghezza, forma e quantità degli utensili inseriti.

Bloccaggio tramite unica leva per modulo che agisce su tutti gli utensili presenti con sollevamento in appoggio e bloccaggio sui piani di riferimento a garanzia di un perfetto allineamento. La leva in posizione di bloccaggio non presenta sporgenze.

Sbloccaggio: l'apertura della leva libera tutti gli utensili presenti. Il sistema ne impedisce lo sgancio con assoluta sicurezza.

Estrazione: avviene solamente agendo su ogni singolo pezzo con sollevamento in battuta, piccola rotazione e sfilamento verso il basso. L'operazione non richiede sforzi aggiuntivi oltre al peso dell'utensile.

TECHNICAL FEATURES

Each tool can be mounted in either front or reverse orientation (180° rotation) depending on the bending requirement.

Vertical insertion for both orientations with automatic docking when clamps are in "open" position. No limits on the length, shape and quantity of the tools inserted.

Locking by means of a single lever per module that acts on all tools present with lift-off and clamping on the reference planes to guarantee perfect alignment. The lever in the clamping position has no protrusions.

Unlocking: the opening of the lever frees all the tools present. The clamps safety system prevents them from being unhooked with absolute safety.

Extraction: it is performed by lifting upward the punch and tilting it forward. Once unlocked it can be removed safely sustaining only the tool weight.

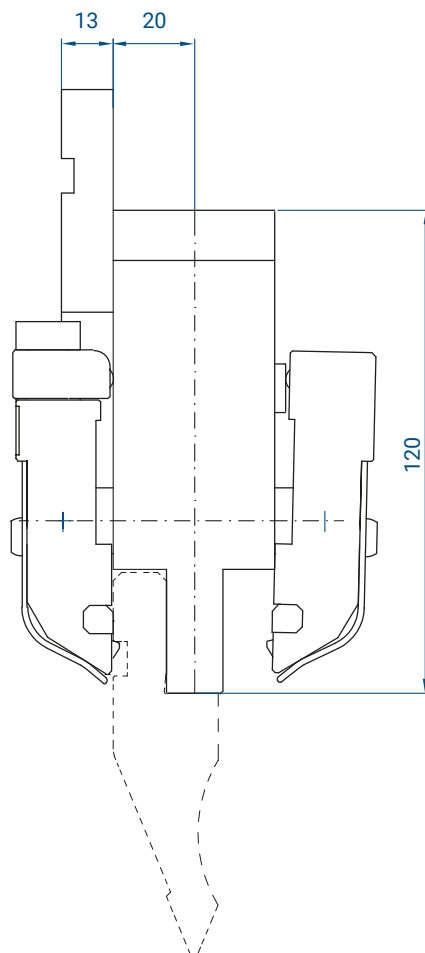
Modello / Model

4414
Z2 (M-TOP Z2 DUO)

SISTEMA MANUALE EUROGRIP M-TOP Z2 DUO: STAFFE ASSEMBLATE SU INTERMEDIO SPECIFICO Z2

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

150 mm 7,0 kg



CARATTERISTICHE TECNICHE

Ogni singolo pezzo di utensile può essere montato con orientamento frontale oppure posteriore (rotazione di 180°) in base alla necessità di piegatura.

Inserimento verticale per entrambe gli orientamenti con aggancio automatico nel sistema aperto. Nessun limite di lunghezza, forma e quantità degli utensili inseriti.

Bloccaggio tramite unica leva per modulo che agisce su tutti gli utensili presenti con sollevamento in appoggio e bloccaggio sui piani di riferimento a garanzia di un perfetto allineamento. La leva in posizione di bloccaggio non presenta sporgenze.

Sbloccaggio: l'apertura della leva libera tutti gli utensili presenti. Il sistema ne impedisce lo sgancio con assoluta sicurezza.

Estrazione: avviene solamente agendo su ogni singolo pezzo con sollevamento in battuta, piccola rotazione e sfilamento verso il basso. L'operazione non richiede sforzi aggiuntivi oltre al peso dell'utensile.

TECHNICAL FEATURES

Each tool can be mounted in either front or reverse orientation (180° rotation) depending on the bending requirement.

Vertical insertion for both orientations with automatic docking when clamps are in "open" position. No limits on the length, shape and quantity of the tools inserted.

Locking by means of a single lever per module that acts on all tools present with lift-off and clamping on the reference planes to guarantee perfect alignment. The lever in the clamping position has no protrusions.

Unlocking: the opening of the lever frees all the tools present. The clamps safety system prevents them from being unhooked with absolute safety.

Extraction: it is performed by lifting upward the punch and tilting it forward. Once unlocked it can be removed safely sustaining only the tool weight.

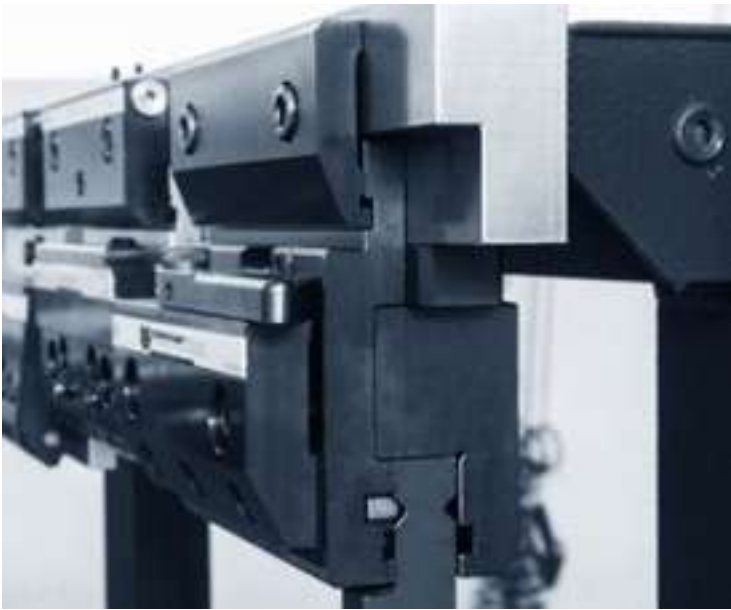
Modello / Model

4393
(M-WDP Z1)

SISTEMA MANUALE EUROGRIP M-WDP: 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

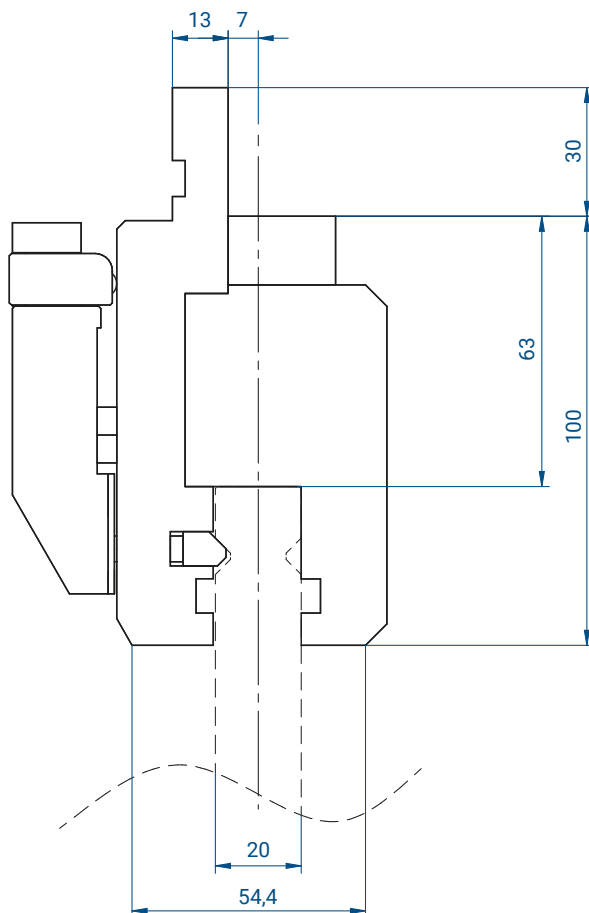
Adattatore speciale da stile standard Amada/Promecam (stile Europeo) a stile standard Trumpf/Wila.

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): tutte le dimensioni dell'intermediario devono essere verificate e confrontate con il disegno tecnico di 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.

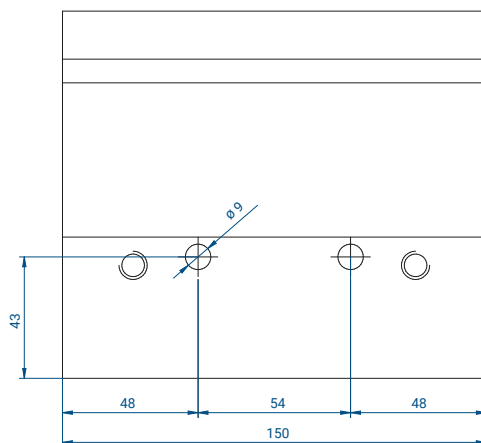
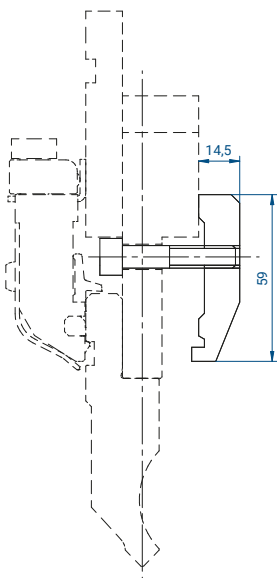
Weight=6,7Kg.

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).

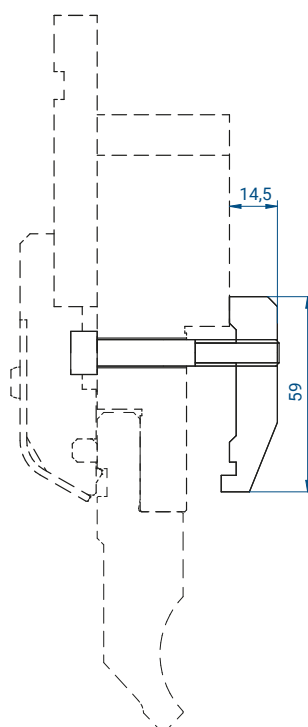
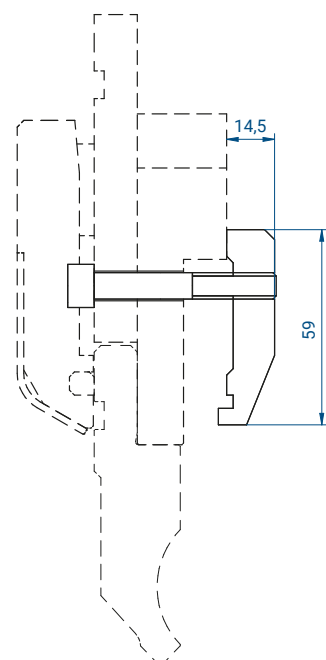
The rear clamp is operated by standing on the machine front and through two allen-key bolts.

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.

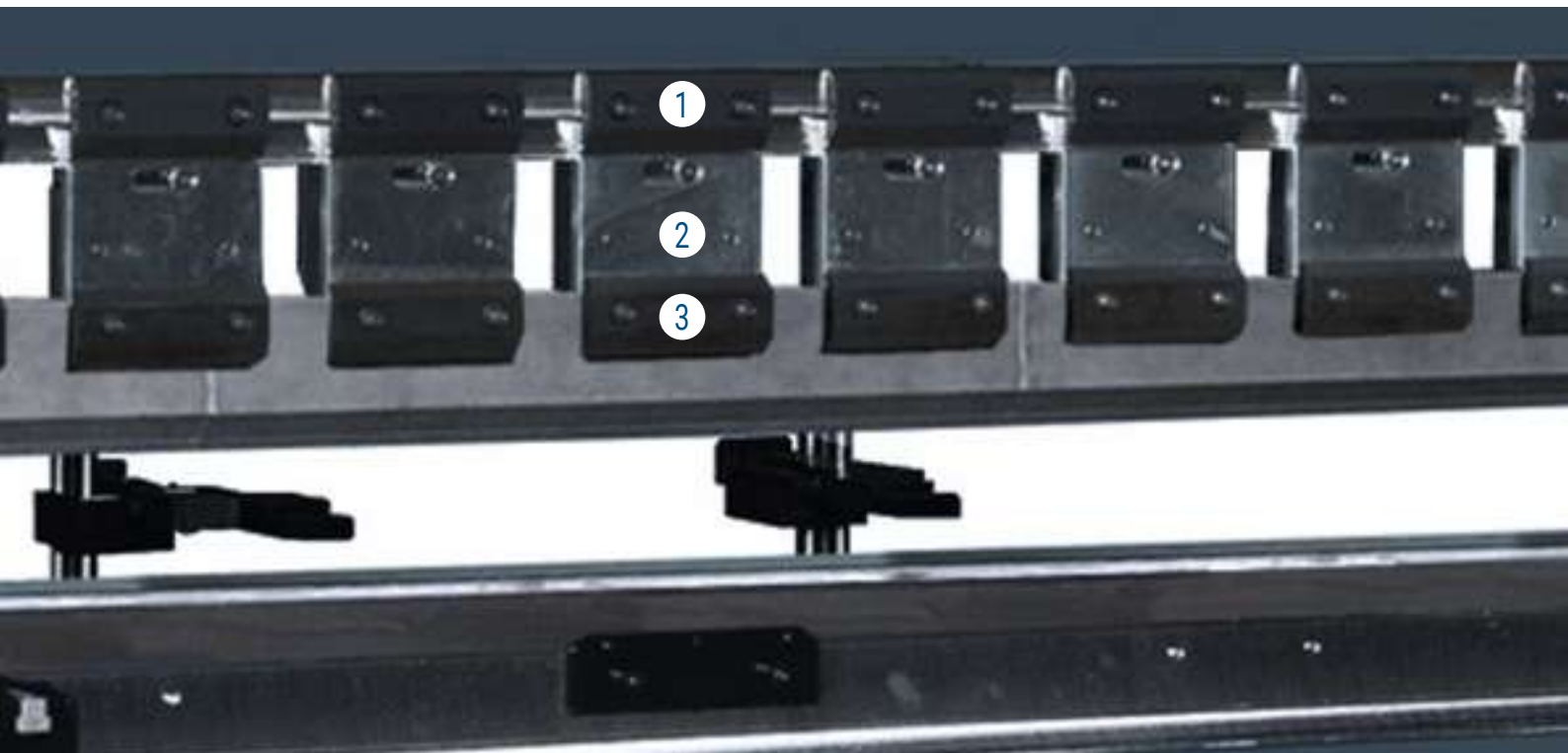
SISTEMI DI STAFFAGGIO PNEUMATICI - INTRODUZIONE PNEUMATIC CLAMPING SYSTEM - INTRODUCTION

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): tutte le dimensioni dell'intermediario devono essere verificate e confrontate con il disegno tecnico di 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).

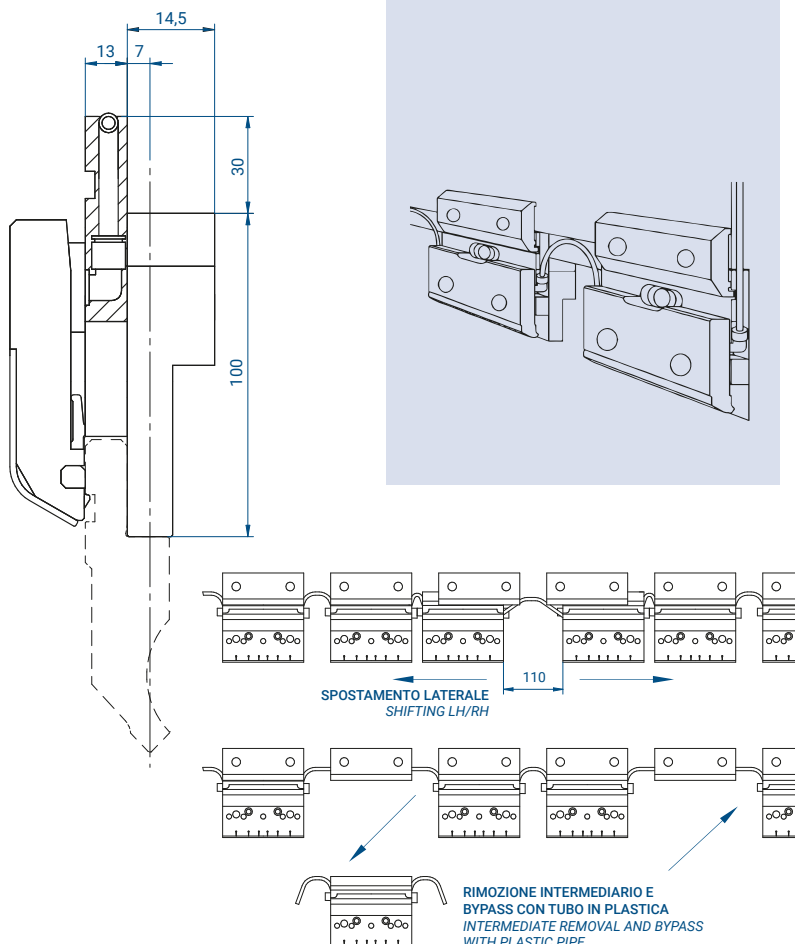
Each new intermediate will be installed in place of the already existing one by utilizing the top beam clamp already mounted on the top beam and it will be connected in series with the others through a plastic pipe that will allow its horizontal shifting and removal (bypass). This is the recommended 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



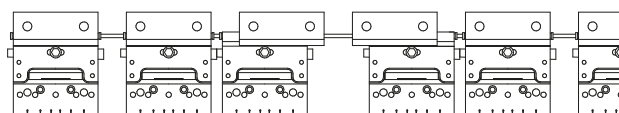
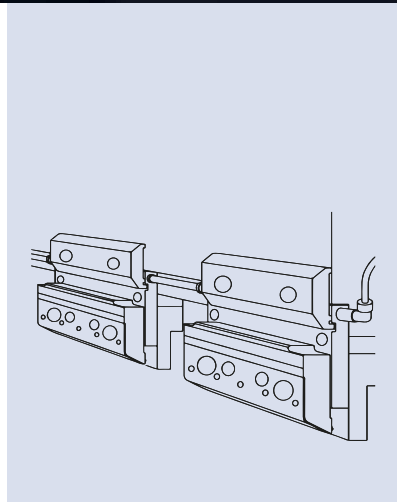
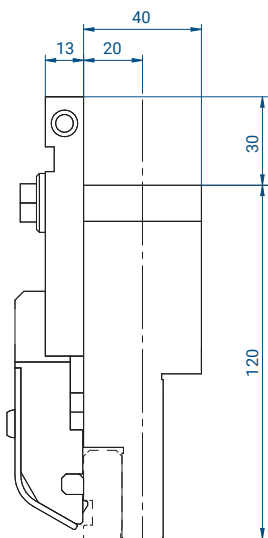
Modello / Model

4405
(P-EASY Z2)

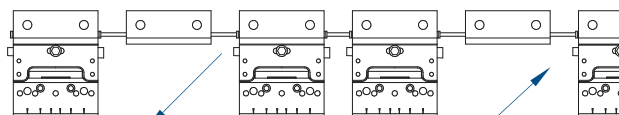
SISTEMA PNEUMATICO EUROGRIP P-EASY:
STAFFA PNEUMATICA ASSEMBLATA SU INTERMEDIO SPECIFICO Z2

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

150 mm 5,2 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); tutte le dimensioni dell'intermediario devono essere verificate e confrontate con il disegno tecnico di 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).

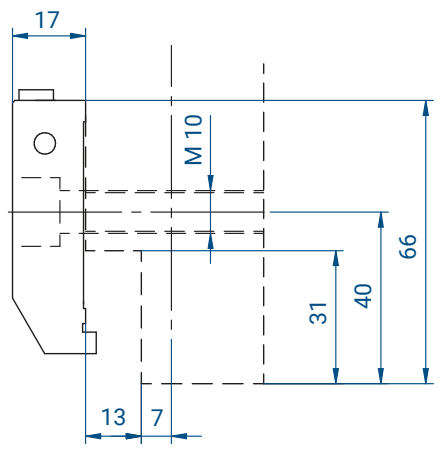
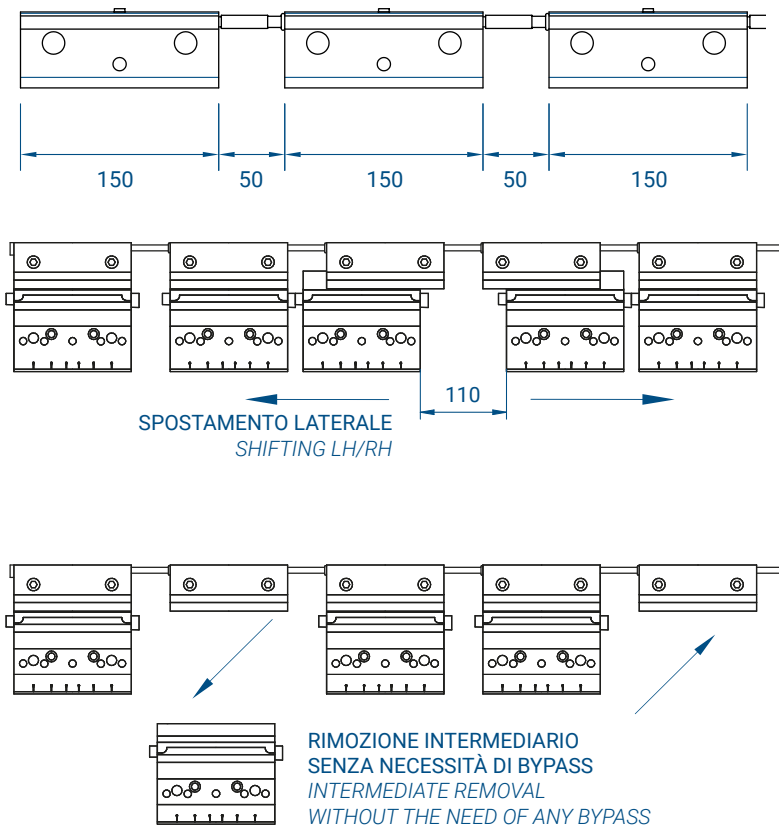
Soluzione raccomandata quando è necessario spostare (o rimuovere) gli intermediari con frequenza elevata.

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.



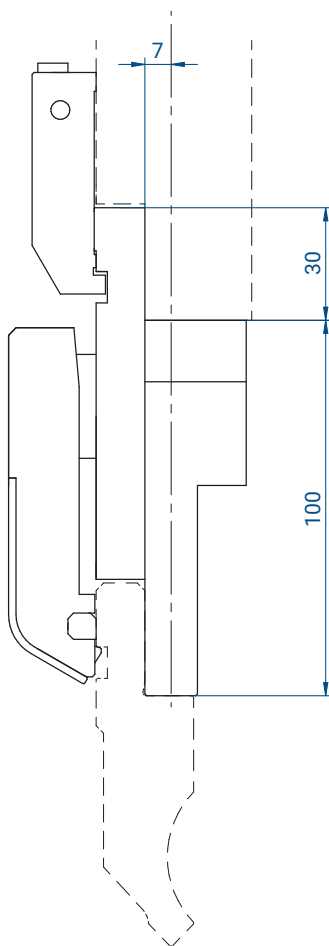
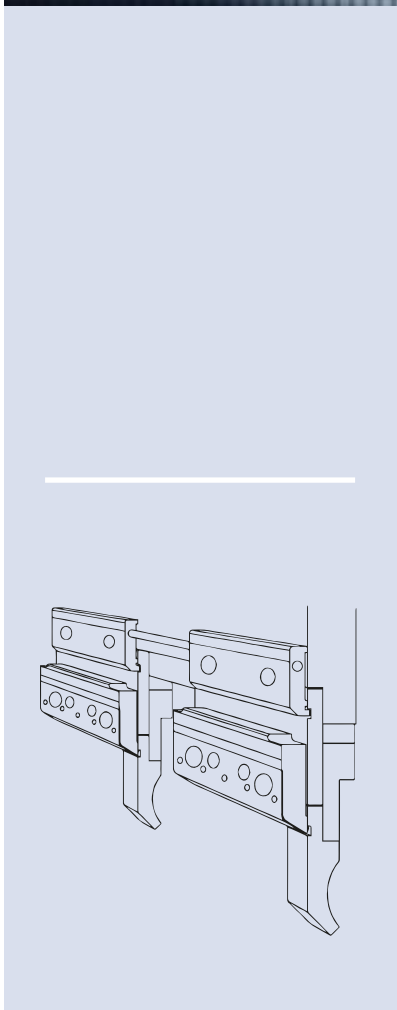
Modello / Model

4398
(P-TOP Z1)

150 mm 5,2 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): tutte le dimensioni dell'intermediario devono essere verificate e confrontate con il disegno tecnico di 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).

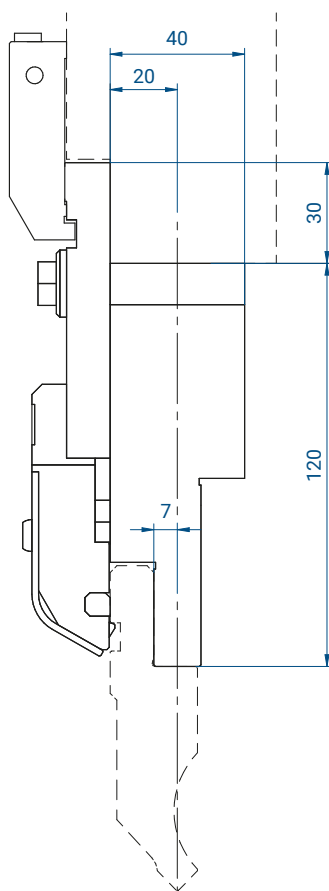
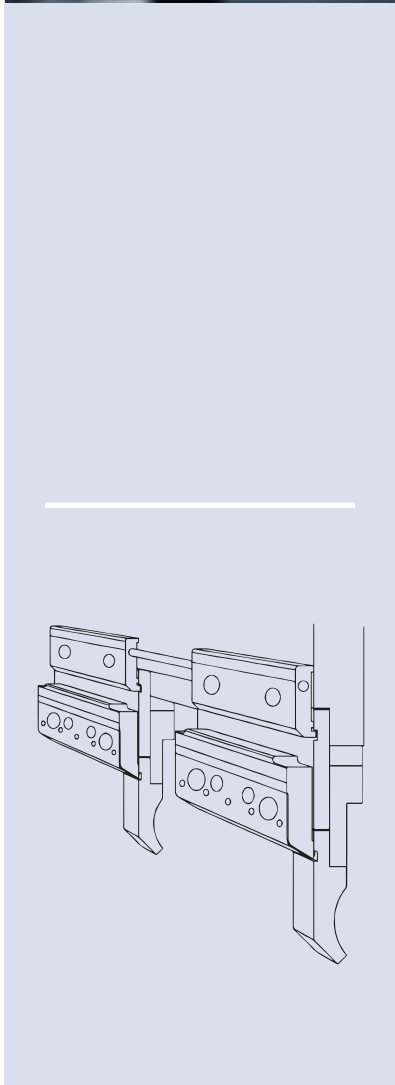
Modello / Model

4410
(P-TOP Z2)

150 mm 5,2 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); tutte le dimensioni dell'intermediario devono essere verificate e confrontate con il disegno tecnico di 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).

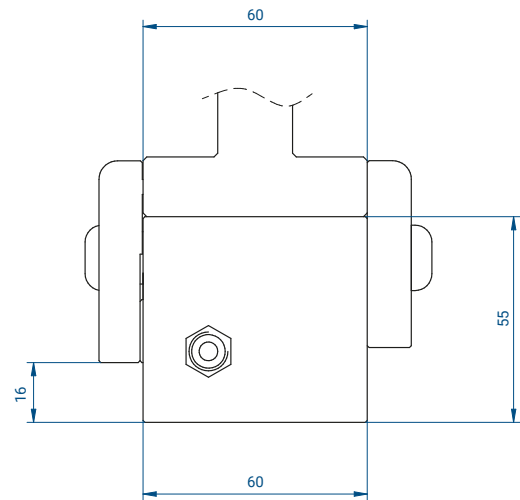
Modello / Model

4394
(P-HOLD)

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

835 mm	27,8 kg
625 mm	20,8 kg
415 mm	13,8 kg



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

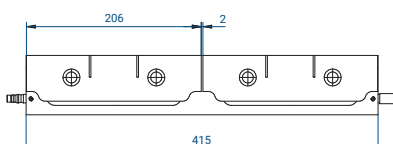
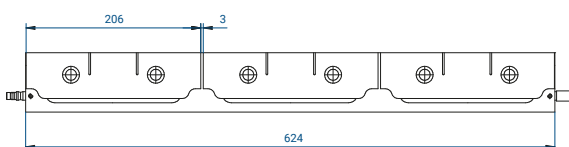
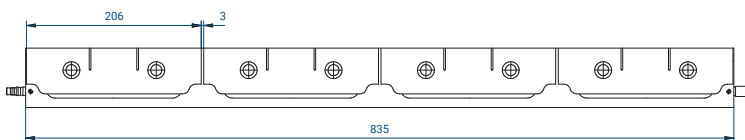
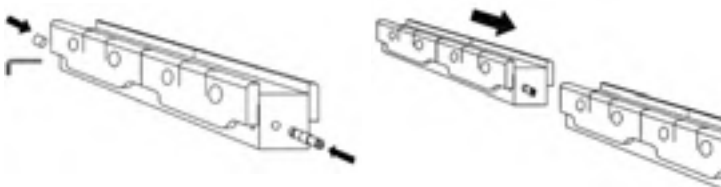
Installabile su macchine con tavola inferiore piana conforme allo standard stile Europeo (stile Amada /Promecam). Disponibile in moduli con lunghezza 835mm; 415mm; 625mm.

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.

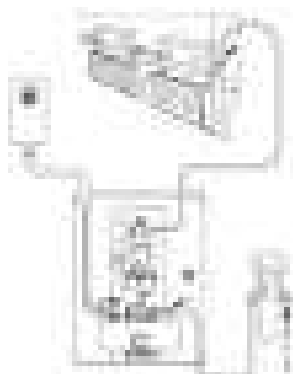


Per gestire i sistemi pneumatici Eurogrip è necessario installare una unità di controllo pneumatica, che contiene la componentistica elettrica e pneumatica per pilotare il sistema, oltre ad un kit, specifico per il modello ordinato, che comprende i tubi, i cavi ed i connettori da utilizzare per installare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

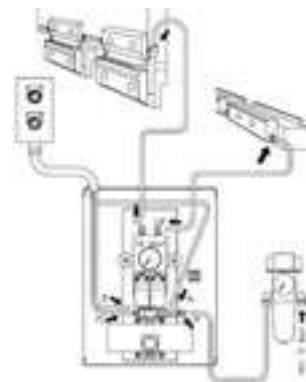
DESCRIPTION

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.

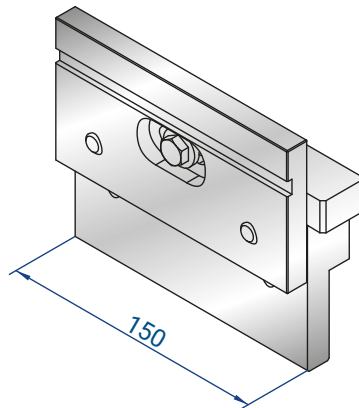
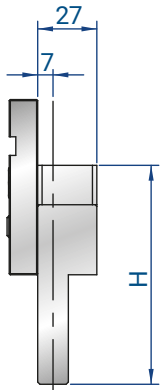
DESCRIPTION

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 OS IN THE ASSEMBLED VERSION (INTERMEDIATE BODY + FRONT PLATE)



4221

H = 100

150 mm 3,6 kg

4222

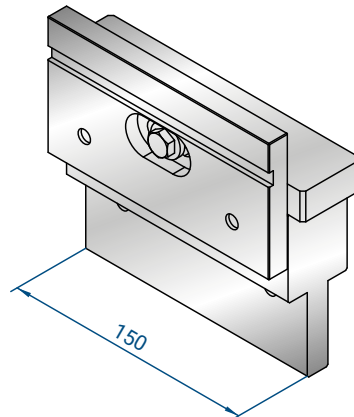
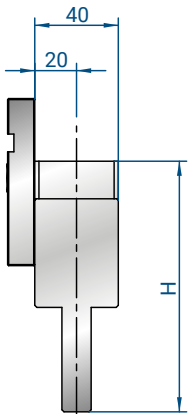
H = 120

150 mm 4,6 kg

4223

H = 150

150 mm 6,0 kg



4224

H = 100

150 mm 4,2 kg

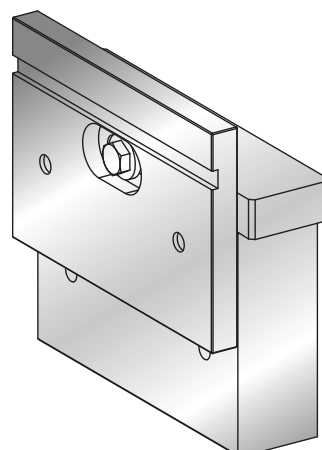
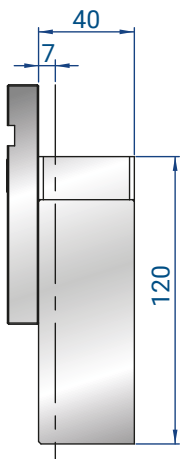
SOLO COMPATIBILE
CON STAFFA 5012

COMPATIBLE ONLY
WITH CLAMP 5012

4225

H = 120

150 mm 5,3 kg



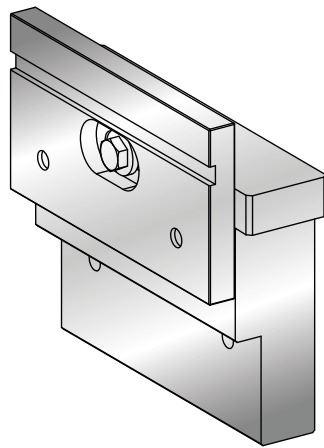
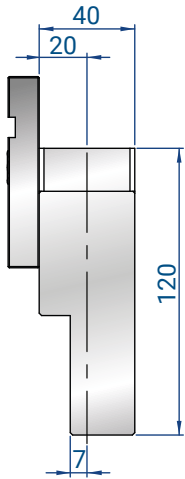
4073 - HD

H = 120

150 mm 7,2 kg

PER ALTI
TONNELLAGGI
HEAVY DUTY

INTERMEDIARI REGISTRABILI
ADJUSTABLE INTERMEDIATES



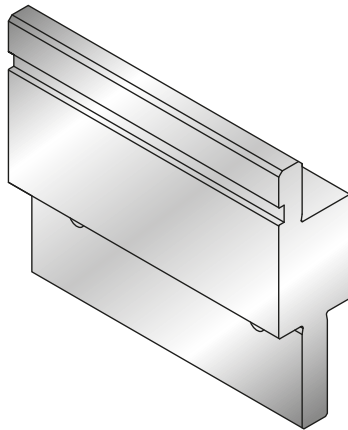
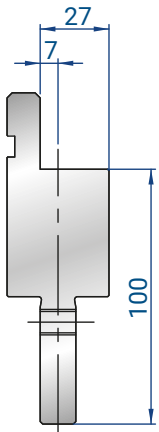
4411-HD

H = 120

150 mm 6,1 kg

PER ALTI
TONNELLAGGI
HEAVY DUTY

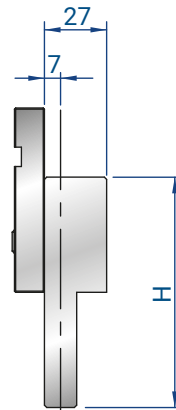
INTERMEDIARI FISSI / FIXED INTERMEDIATES



4282

H = 100

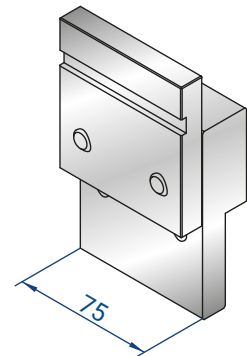
150 mm 3,8 kg



4226

H = 100

75 mm 1,8 kg



4227

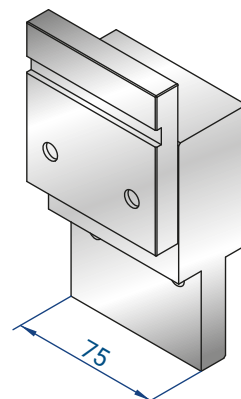
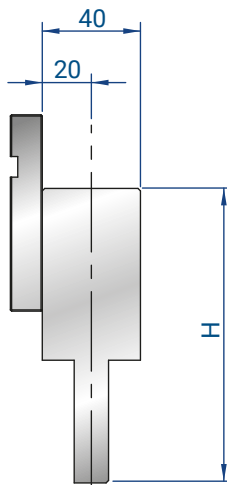
H = 150

75 mm 2,9 kg

4228

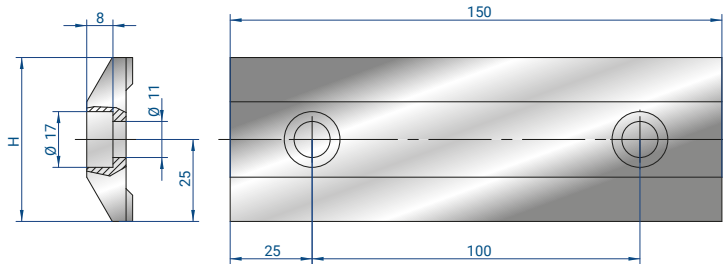
H = 120

75 mm 2,6 kg



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

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



DA INSTALLARE UTILIZZANDO VITI STANDARD M10X35
TO BE INSTALLED WITH STANDARD SCREWS M10X35

4016

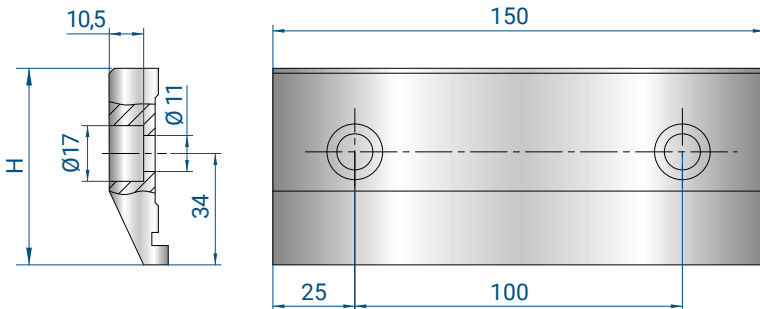
H = 50

150 mm 0,6 kg

5013

H = 43

150 mm 0,6 kg



DA INSTALLARE UTILIZZANDO VITI STANDARD M10X35
TO BE INSTALLED WITH STANDARD SCREWS M10X35

4020

H = 60

150 mm 0,8 kg

✗ #4000; #4224

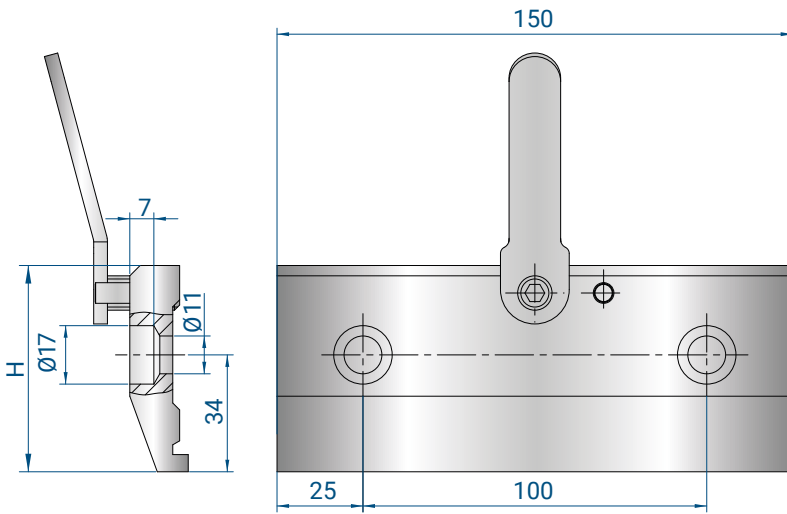
5012

H = 52

150 mm 0,7 kg

✓ #4000; #4224





4021

H = 60

150 mm 0,9 kg

✗ #4000; #4224

5011

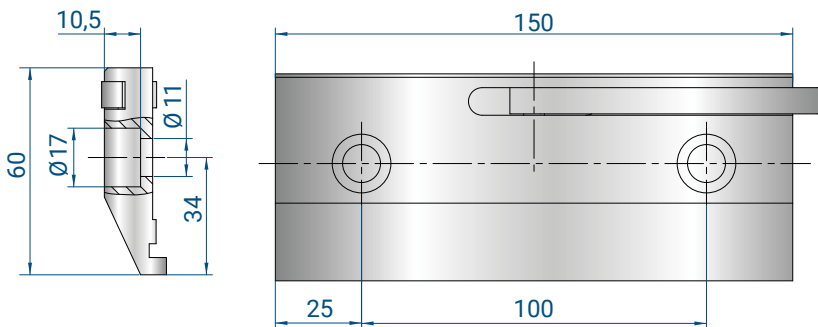
H = 52

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 0,9 kg

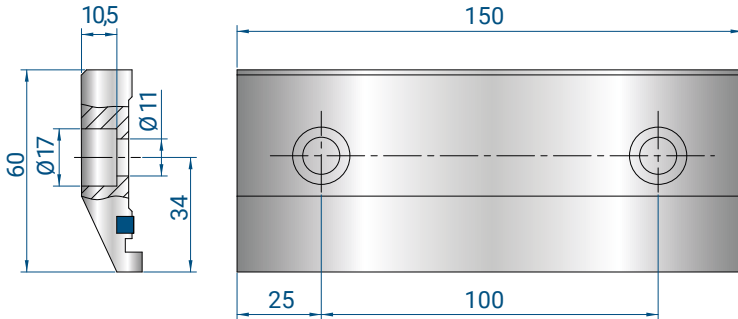
✗ #4000; #4001; #4224

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 PIÙ STAFFA

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



4199

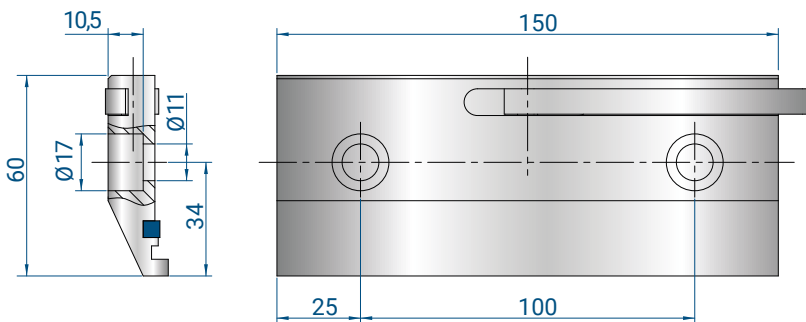
H = 60

150 mm 0,8 kg

DA INSTALLARE
UTILIZZANDO VITI
STANDARD M10X35

TO BE INSTALLED WITH
STANDARD SCREWS
M10X35

✕ #4000; #4001; #4224



4220

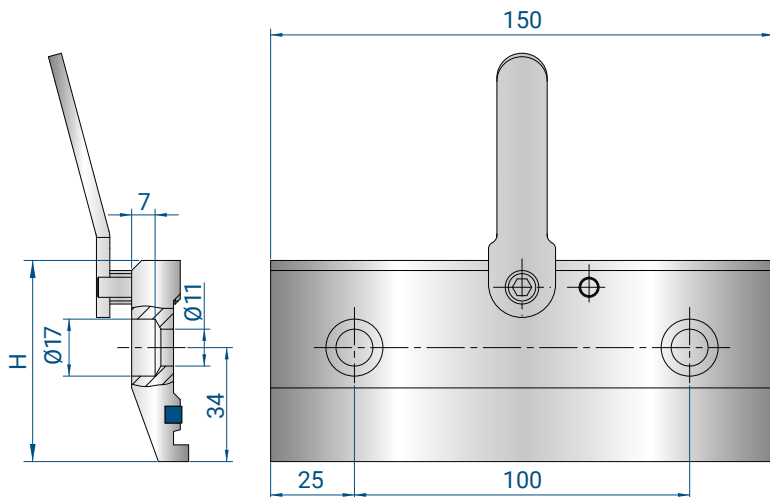
H = 60

150 mm 0,8 kg

DA INSTALLARE
UTILIZZANDO VITI
STANDARD M10X35

TO BE INSTALLED WITH
STANDARD SCREWS
M10X35

✕ #4000; #4001; #4224



4219

H = 60

150 mm 0,9 kg

DA INSTALLARE
UTILIZZANDO LE VITI
SPECIALI 4281 (IN
DOTAZIONE)

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

✕ #4000; #4224

4349

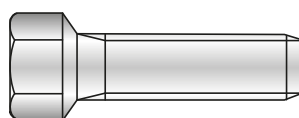


LISTELLO IN POLIURETANO,
RICAMBIO PER STAFFA:

POLYURETHANE STRIP,
SPARE PART FOR:

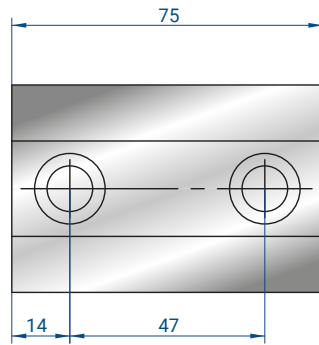
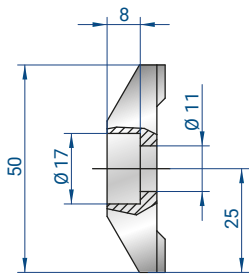
#4199; #4220; #4219

4281



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

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



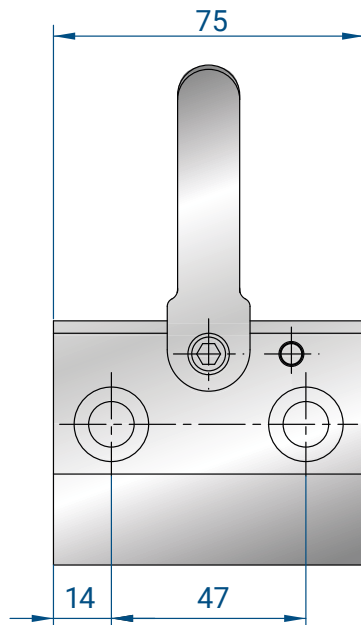
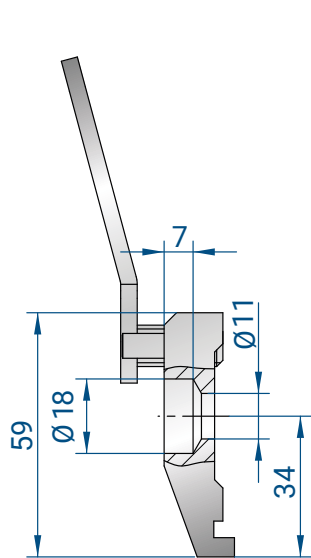
4008

H = 50

75 mm	0,3 kg
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DA INSTALLARE
UTILIZZANDO VITI
STANDARD M10X35

TO BE INSTALLED WITH
STANDARD SCREWS
M10X35



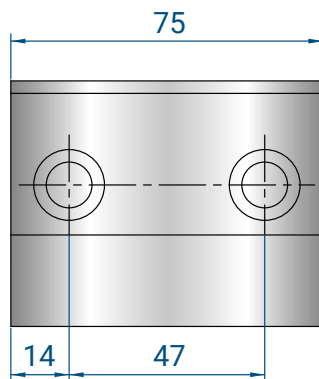
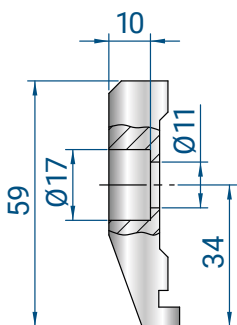
4007

H = 59

75 mm	0,5 kg
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DA INSTALLARE
UTILIZZANDO LE VITI
SPECIALI 4281

TO BE INSTALLED WITH
SPECIAL SCREWS 4281



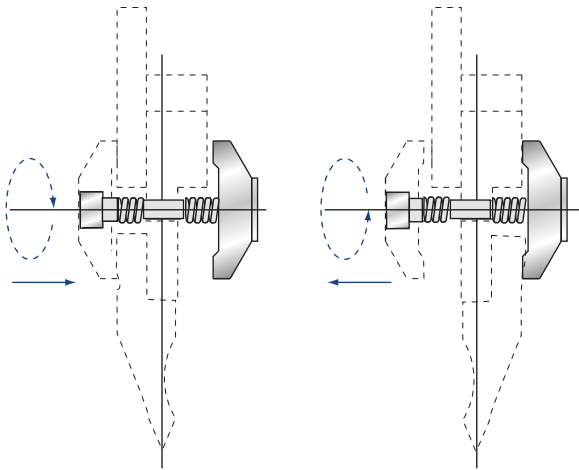
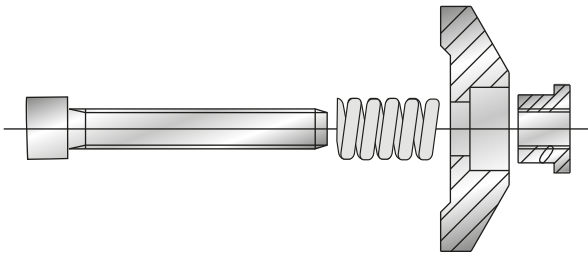
4090

H = 59

75 mm	0,4 kg
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DA INSTALLARE
UTILIZZANDO VITI
STANDARD M10X35

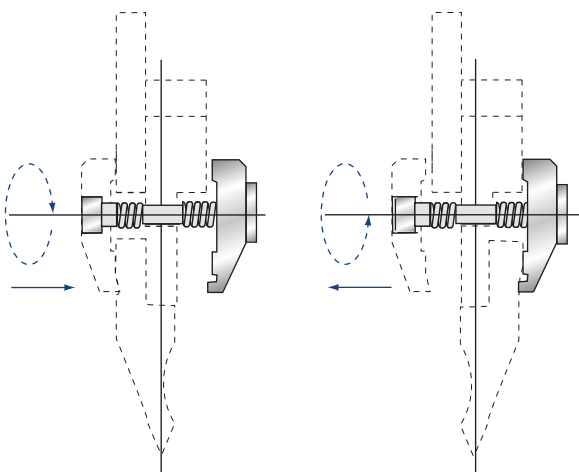
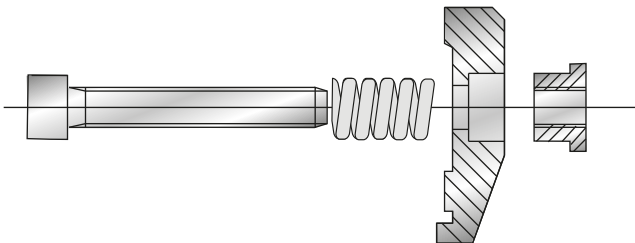
TO BE INSTALLED WITH
STANDARD SCREWS
M10X35



4031

KIT PER DOPPIO STAFFAGGIO
EQUIPMENT FOR DOUBLE CLAMPING

150 mm	1,0 kg
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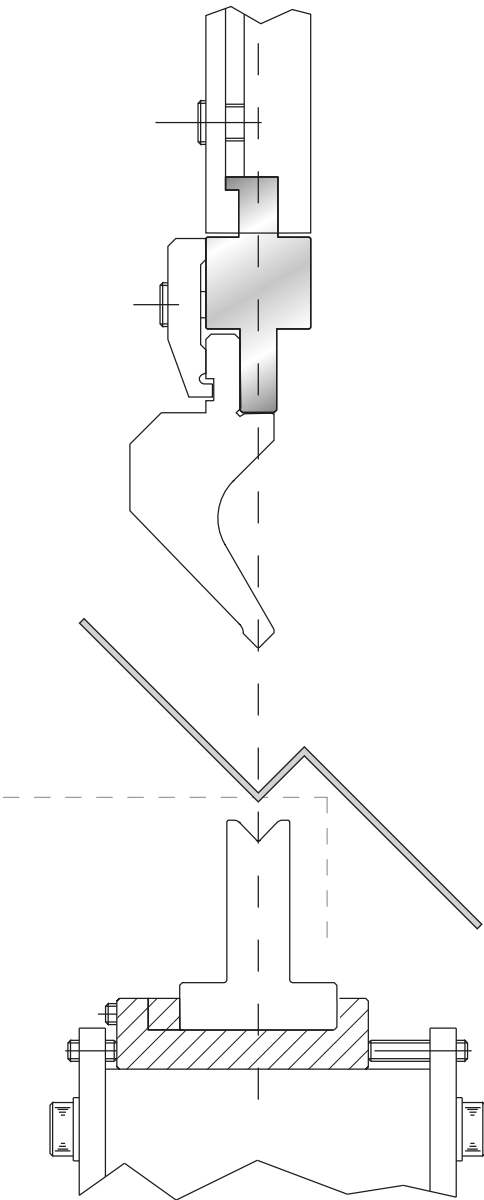


4032

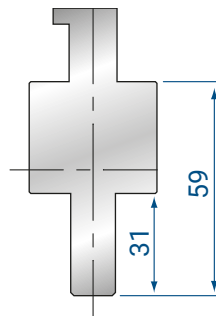
KIT PER DOPPIO STAFFAGGIO
EQUIPMENT FOR DOUBLE CLAMPING

150 mm	1,2 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

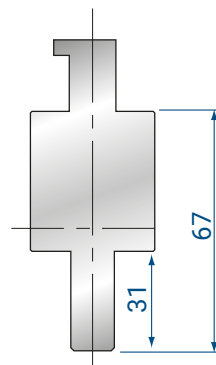


4000

150 mm 1,5 kg

STAFFA / CLAMP

5011; 5012

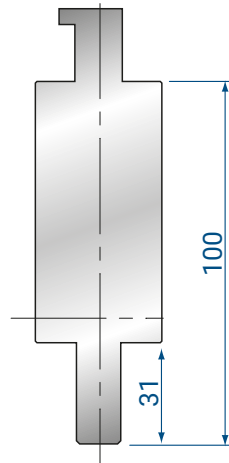


4001

150 mm 2,0 kg

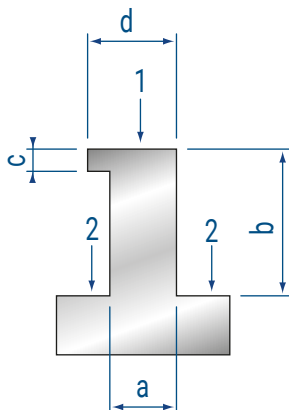
STAFFA / CLAMP

Max H = 60mm



4002

150 mm 3,5 kg

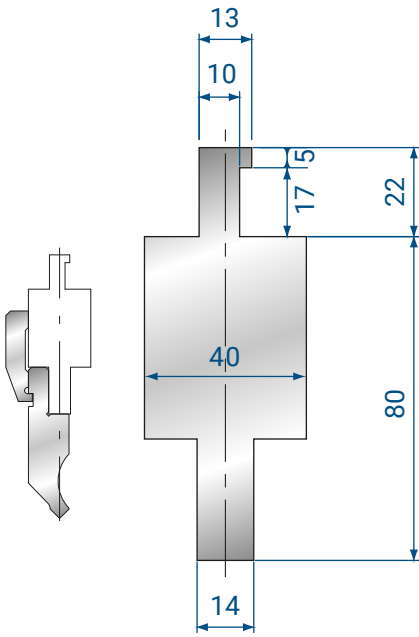


	1	2
a =		
b =		
c =		
d =		

INDICARE QUOTE D'ATTACCO
 E PUNTI DI SPINTA (1,2)

PLEASE MARK CONTACT POINTS
 AND PRESSURE POINTS (1,2)

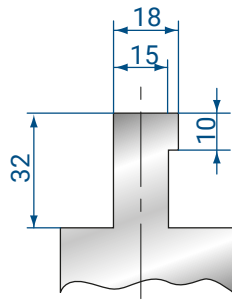
ADATTORI SPECIFICI PER UTENSILI SUPERIORI AMADA/PROMECAM
 SPECIFIC UPPER ADAPTERS FOR AMADA/PROMECAM STYLE TOOLING



4143

LVD STYLE S
 (small)
 STANDARD

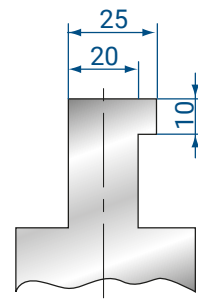
150 mm 3,0 kg



4144

LVD STYLE M
 (medium)
 SPECIAL

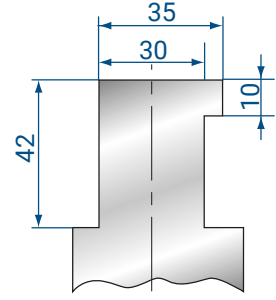
150 mm 3,0 kg



4145

LVD STYLE L
 (large)
 SPECIAL

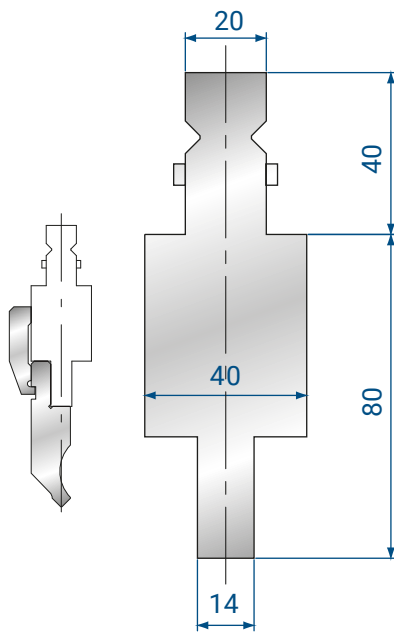
150 mm 3,0 kg



4146

LVD STYLE XL
 (Extra Large)
 SPECIAL

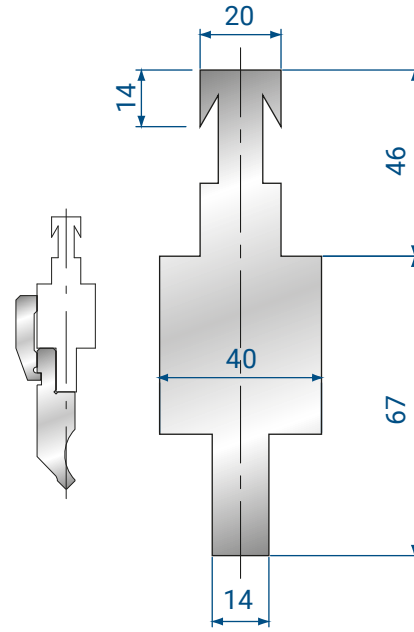
150 mm 3,0 kg



4191

TRUMPF/WILA
 STYLE

150 mm 3,6 kg

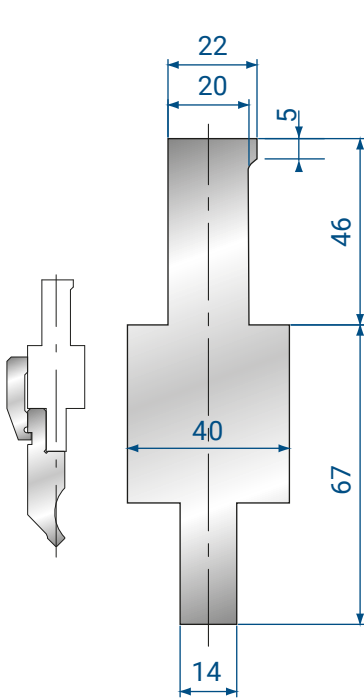


4192

BYSTRONIC-R
 STYLE

150 mm 3,0 kg

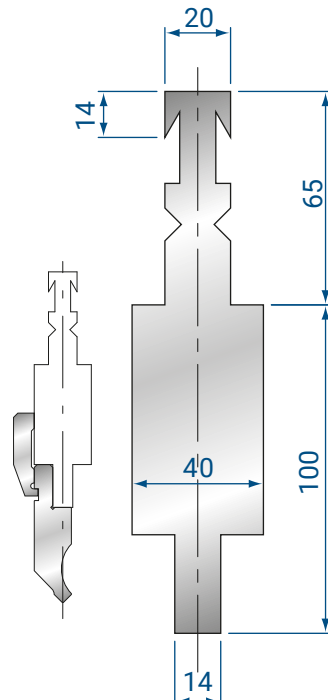
ADATTORI SPECIFICI PER UTENSILI SUPERIORI AMADA/PROMECAM
 SPECIFIC UPPER ADAPTERS FOR AMADA/PROMECAM STYLE TOOLING



4193

BYSTRONIC - S
 STYLE

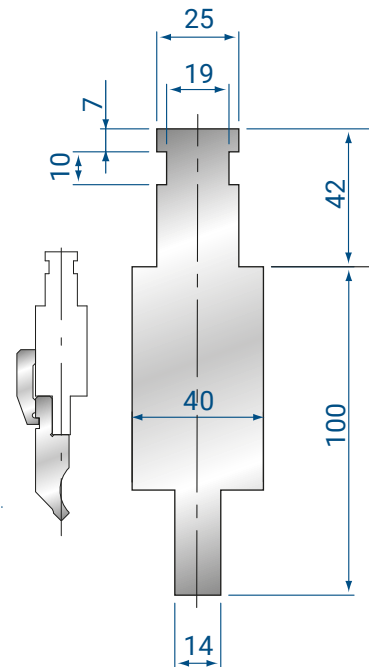
150 mm 3,2 kg



4214

BYSTRONIC -
 RF-A STYLE

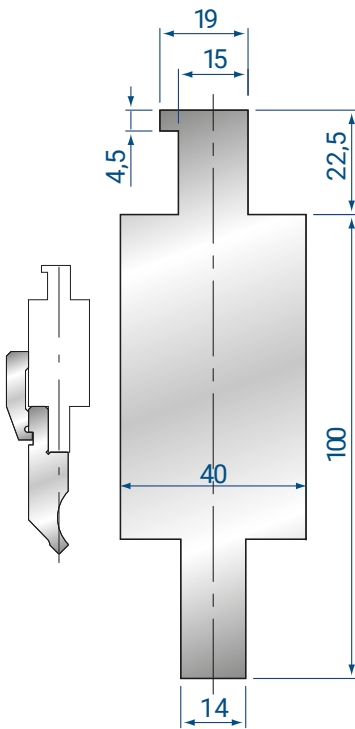
150 mm 5,0 kg



4215

WEINBRENNER
 STYLE

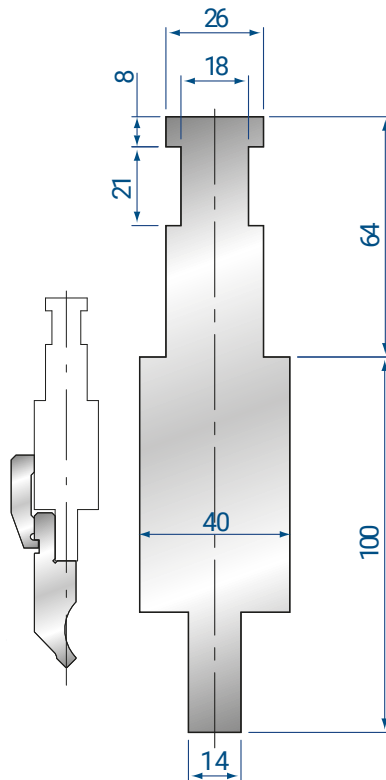
150 mm 4,8 kg



4216

CBC STYLE

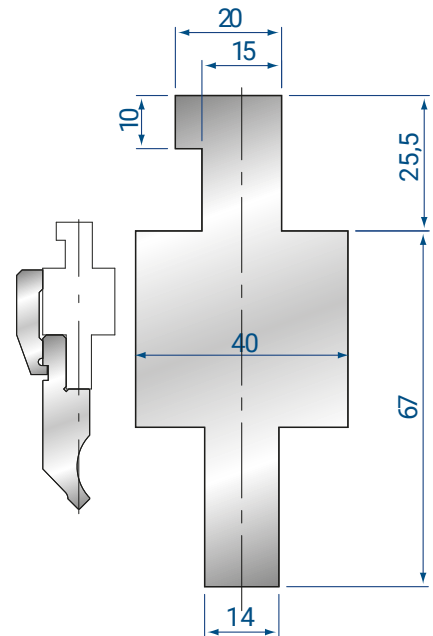
150 mm 4,1 kg



4217

EHT STYLE

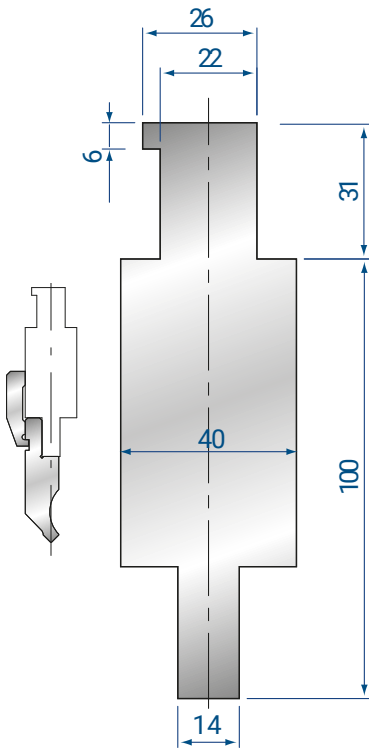
150 mm 5,4 kg



4218

DURMAZLAR
 STYLE

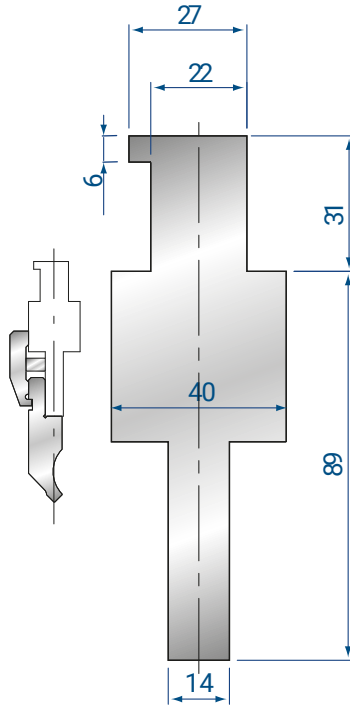
150 mm 2,6 kg



4229

DARLEY STYLE

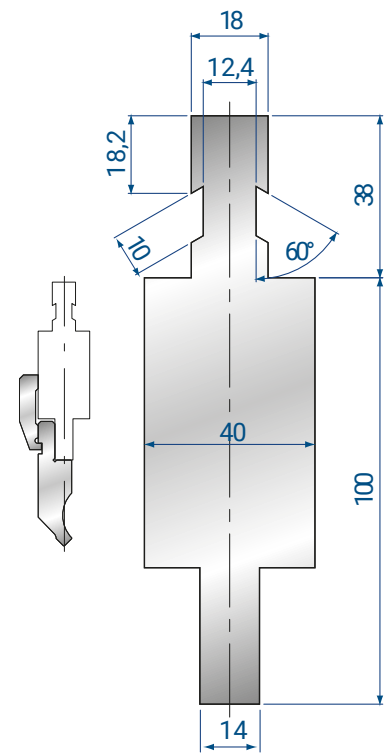
150 mm 4,5 kg



4272

BAYKAL STYLE

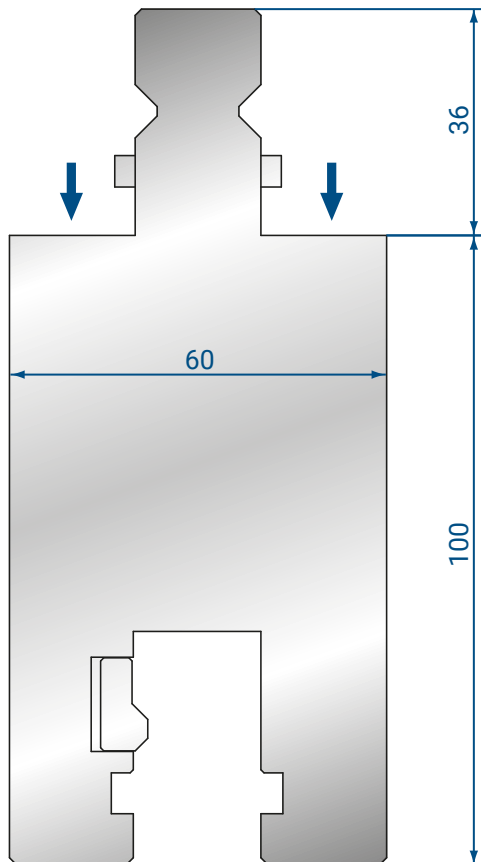
150 mm 3,5 kg



4273

COLGAR STYLE

150 mm 4,4 kg

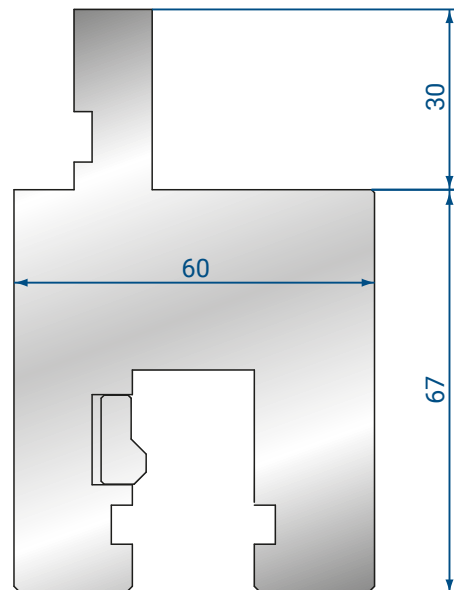


4361

PROLUNGA / EXTENTION FOR TRUMPF / WILA STYLE

H = 100

150 mm 7,0 kg

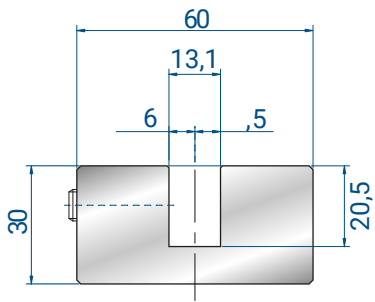


4362

ADATTATORE / ADAPTER FROM AMADA STYLE TO TRUMPF / WILA STYLE

H = 67

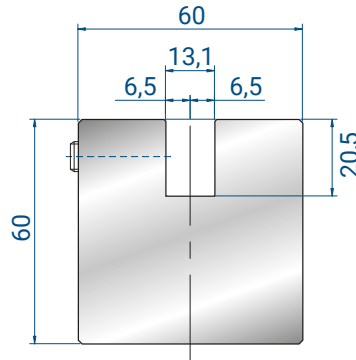
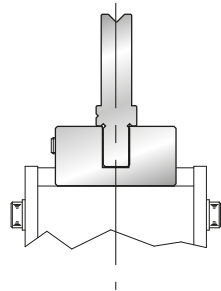
150 mm 4,0 kg



4301

FROM AMADA STYLE
TO TRUMPF - WILA -
BYSTRONIC STYLE

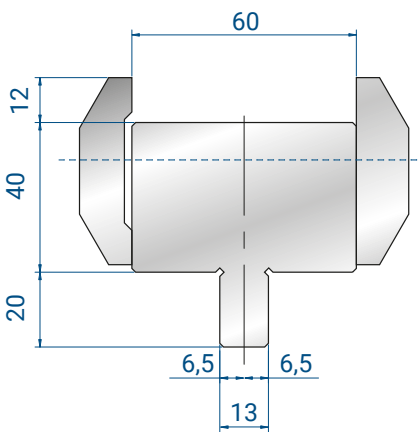
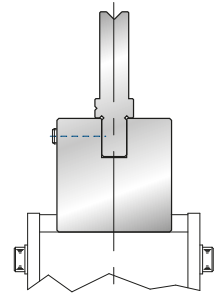
1000 mm	11,9 kg
500 mm	6,0 kg



4302

FROM AMADA STYLE
TO TRUMPF - WILA -
BYSTRONIC STYLE

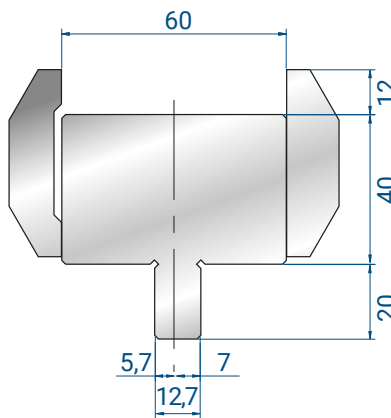
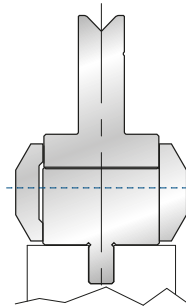
1000 mm	26,0 kg
500 mm	13,0 kg



4303

FROM TRUMPF - WILA - BYSTRONIC
STYLE TO AMADA STYLE

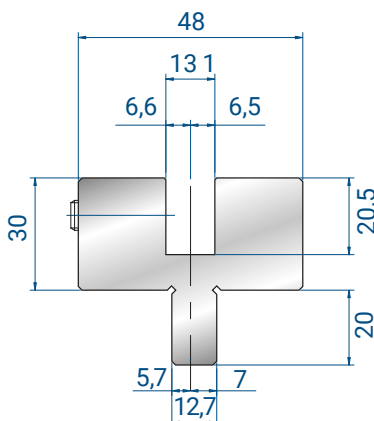
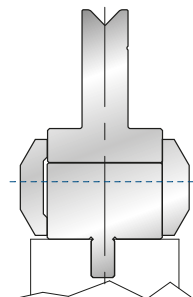
835 mm	21,3 kg
415 mm	11,2 kg



4304

FROM LVD STYLE TO
AMADA STYLE

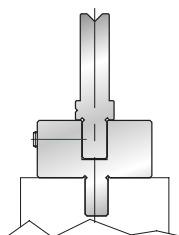
835 mm	21,3 kg
415 mm	11,2 kg



4305

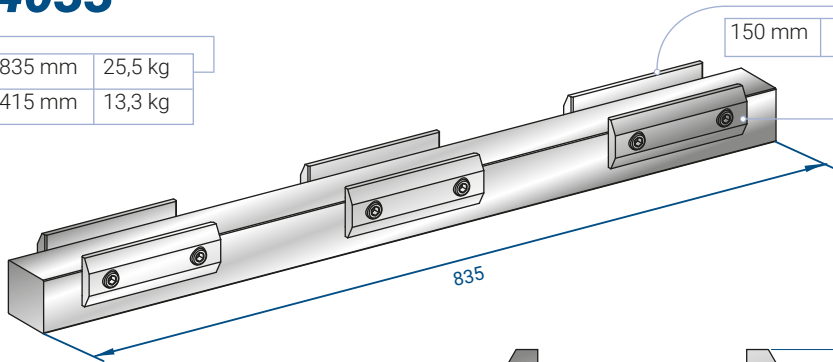
FROM LVD STYLE TO TRUMPF -
WILA - BYSTRONIC STYLE

1000 mm	11,0 kg
500 mm	11,0 kg



4033

835 mm	25,5 kg
415 mm	13,3 kg

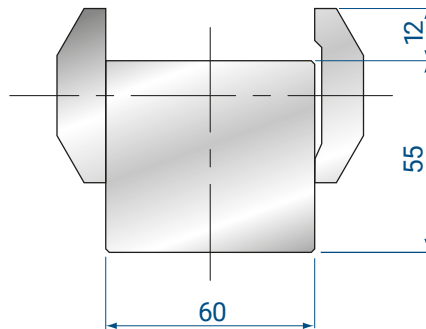


4034

150 mm	0,7 kg
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4016

150 mm	0,6 kg
--------	--------

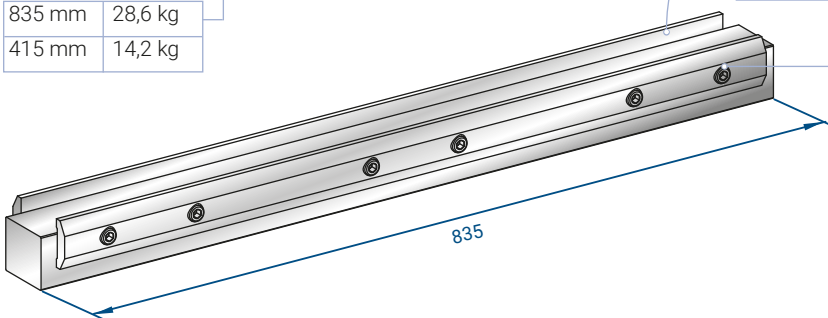


**CONTROTAVOLA
AMADA STYLE**

AMADA STYLE
LOWER ADAPTER

4050

835 mm	28,6 kg
415 mm	14,2 kg

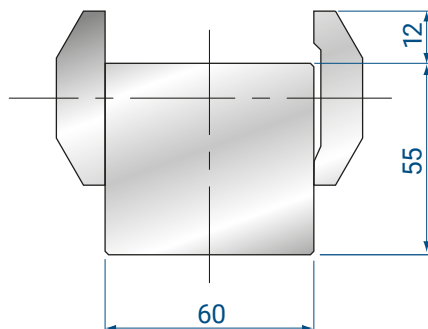


4041

800 mm	3,6 kg
380 mm	1,7 kg

4040

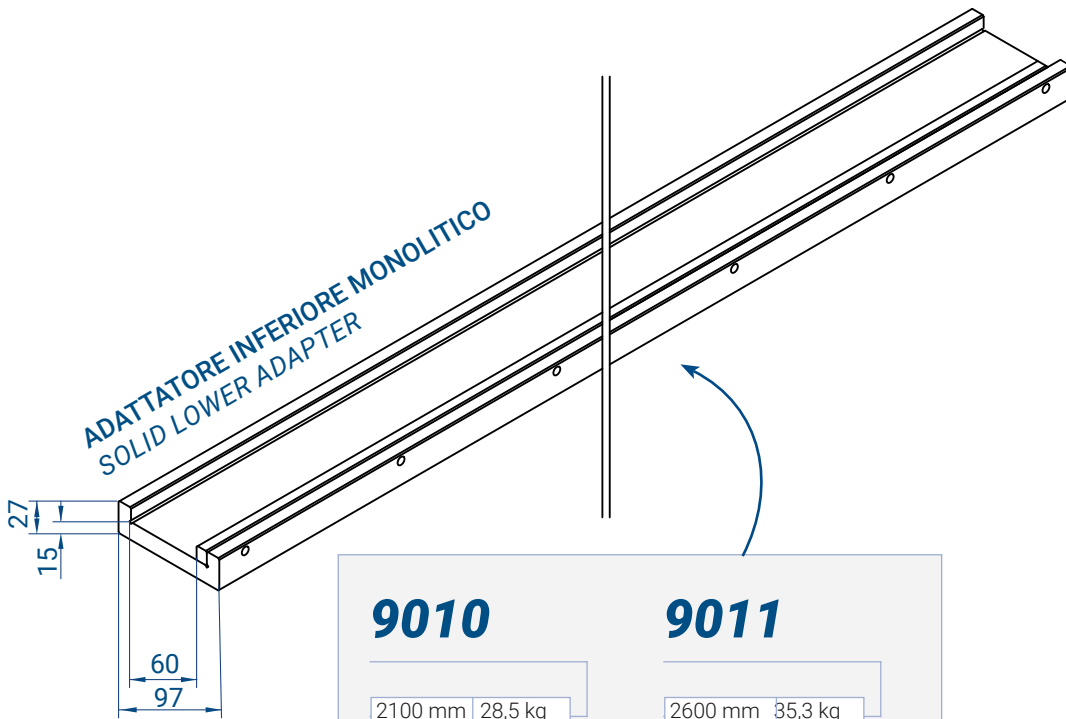
800 mm	3,3kg
380 mm	1,6kg



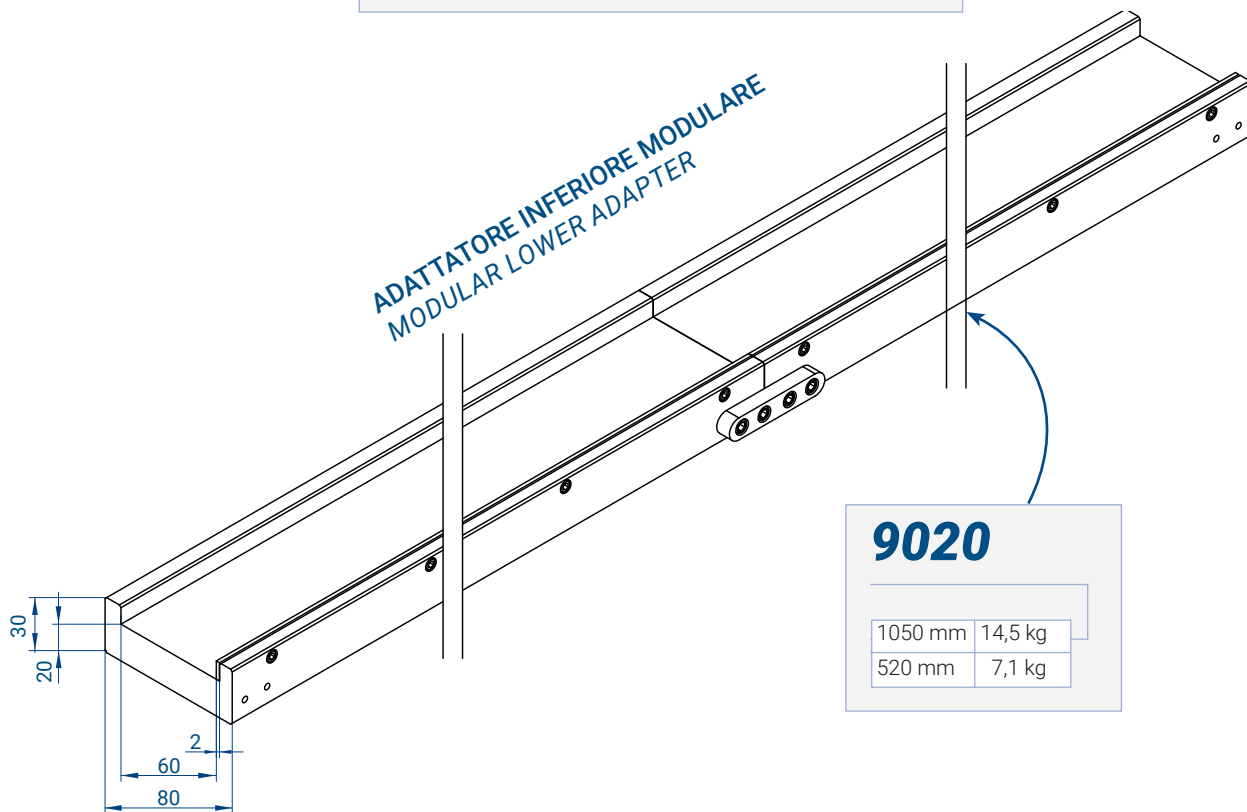
**CONTROTAVOLA
AMADA STYLE**

AMADA STYLE
LOWER ADAPTER

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

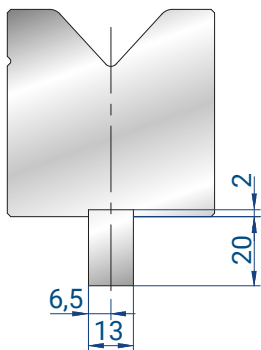


9010	2100 mm	28,5 kg	9011	2600 mm	35,3 kg
9012	3100 mm	42,0 kg	9013	4100 mm	55,6 kg



9020	1050 mm	14,5 kg
	520 mm	7,1 kg

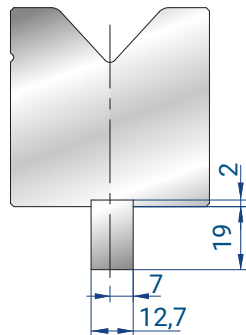
ATTACCHI SU RICHIESTA
TANGS ON REQUEST



8100

BYSTRONIC /
TRUMPF STYLE

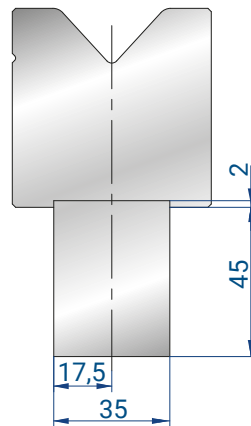
832 mm	1,8 kg
412 mm	0,9 kg



8101

LVD STYLE

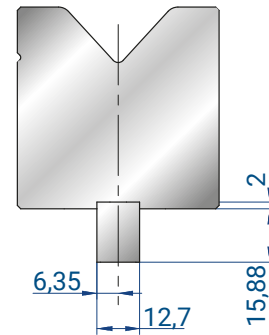
832 mm	1,8 kg
412 mm	0,9 kg



8102

WEINBRENNER
STYLE

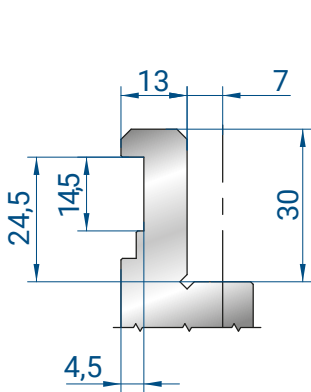
832 mm	10,5 kg
412 mm	5,2 kg



8107

AMERICAN
STYLE

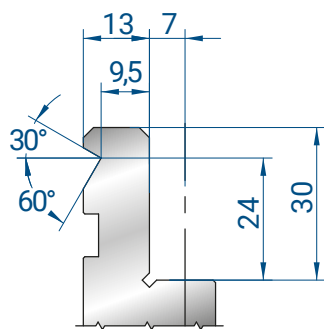
832 mm	1,4 kg
412 mm	0,7 kg



8010

BARRETTA
STYLE

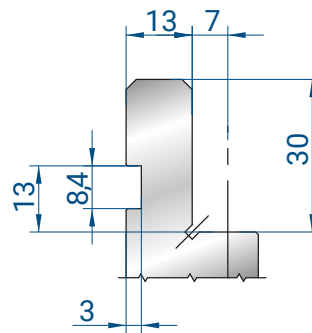
835 mm
415 mm
805 mm SEZIONATO



8011

BMB STYLE

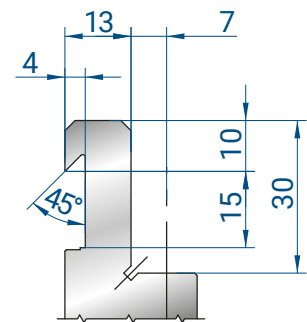
835 mm
415 mm
805 mm SEZIONATO



8012

AMADA /
PROMECAM
STYLE

STANDARD

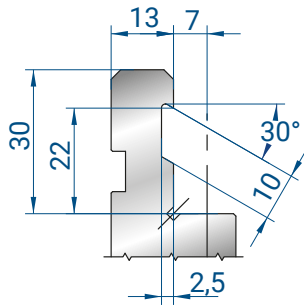


8013

GASPARINI
STYLE

835 mm
415 mm
805 mm SEZIONATO

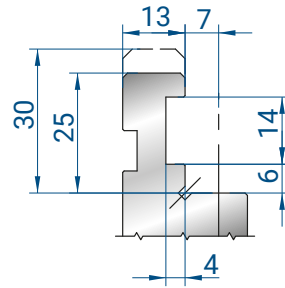
ATTACCHI SU RICHIESTA
TANGS ON REQUEST



8014

TEDA STYLE

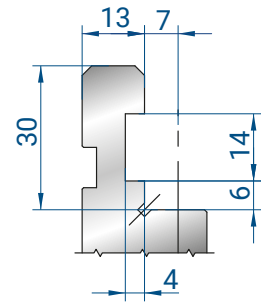
835 mm
415 mm
805 mm SEZIONATO



8016

EURO
BYSTRONIC
STYLE

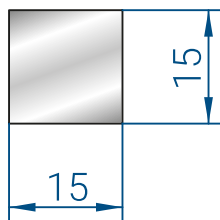
835 mm
415 mm
805 mm SEZIONATO



8017

BYSTRONIC
STYLE

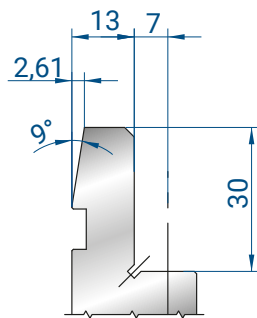
835 mm
415 mm
805 mm SEZIONATO



8106

TRAFILATI 15X15
SQUARE BAR 15X15

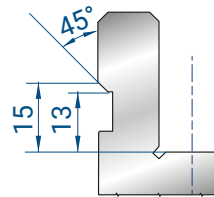
835 mm	2,9 kg
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8020

ONE TOUCH
STYLE

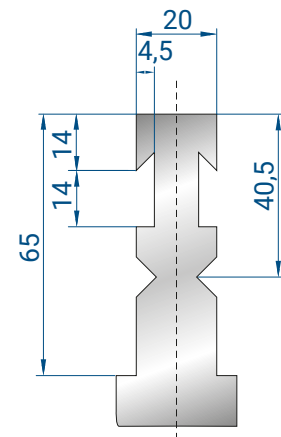
835 mm
415 mm
805 mm SEZ ONATO



8021

SMART CLAMP
STYLE

835 mm
415 mm
805 mm SEZ ONATO

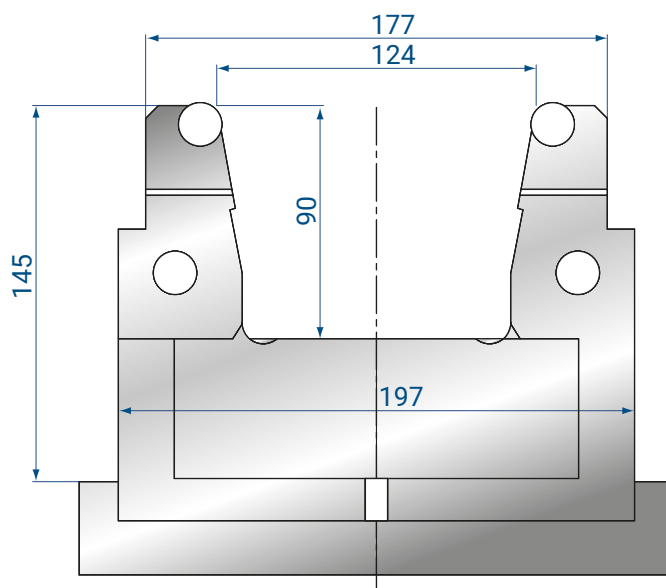
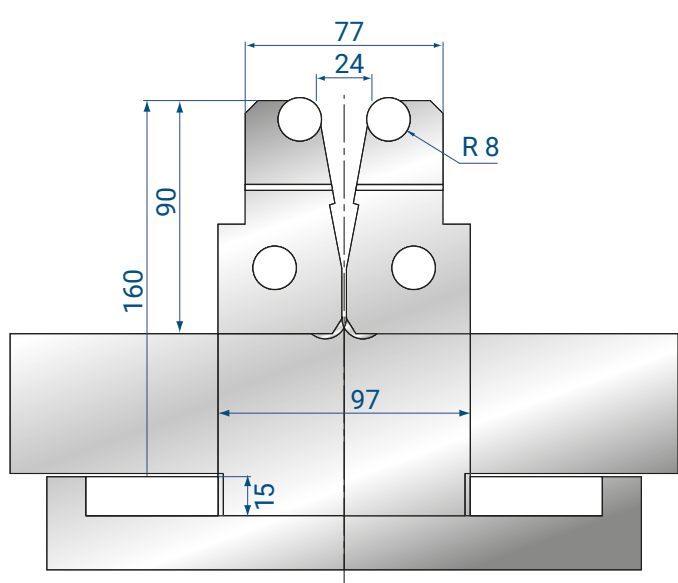


8022

BYSTRONIC
RF - A STYLE

INCLUDED
ON DEMAND

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



3190

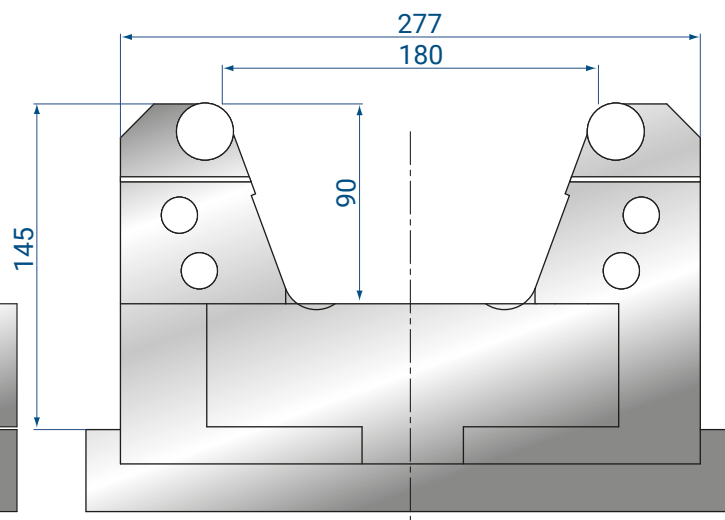
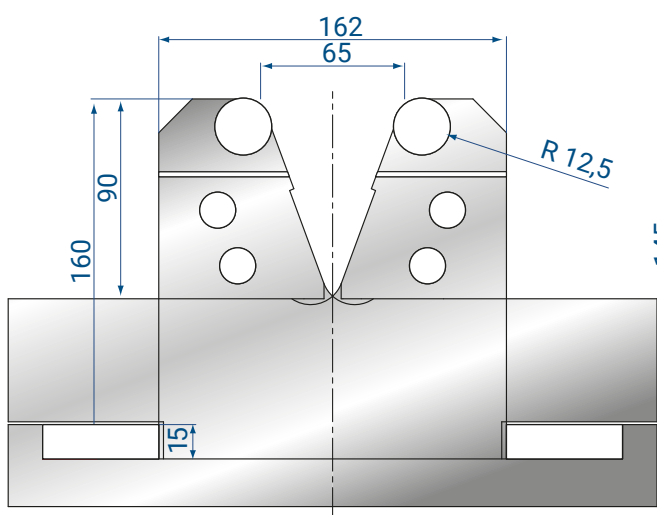
1050 mm	133,0 kg
1000 mm	125,0 kg
550 mm	72,0 kg
500 mm	64,0 kg
250 mm	34,0kg

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 253)



3191

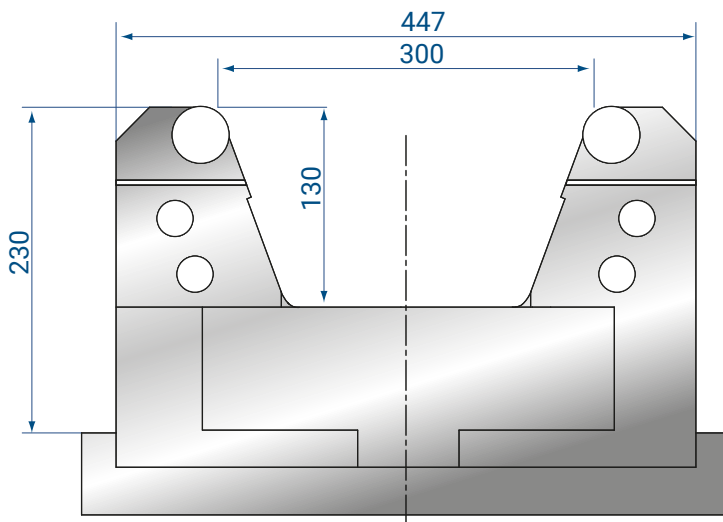
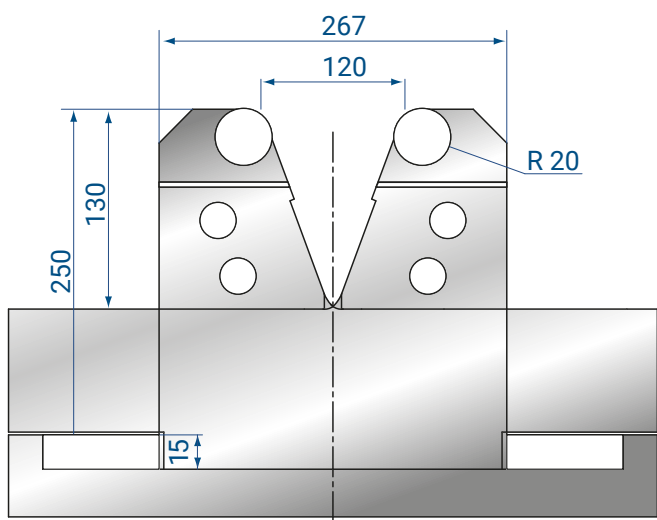
1050 mm	180,0 kg
1000 mm	170,0 kg
550 mm	96,0 kg
500 mm	86,0 kg
250 mm	44,0kg

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 253)



3192

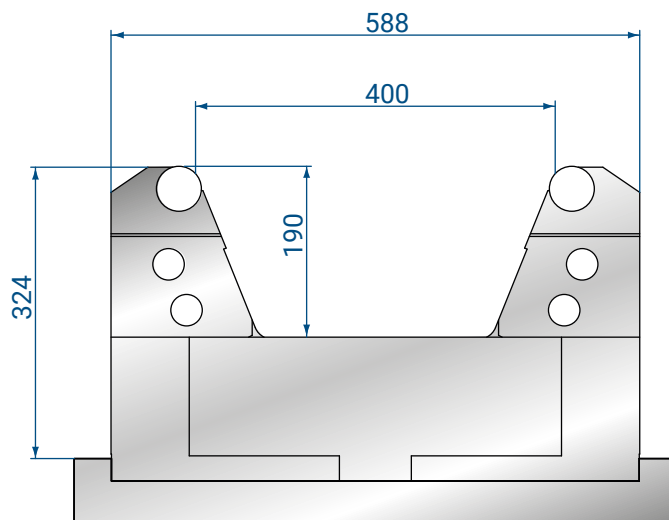
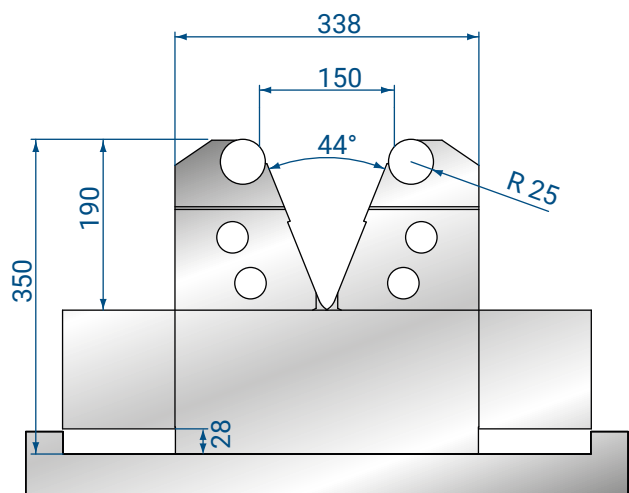
700 mm	420 kg
600 mm	360 kg
500 mm	300 kg

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 253)



3243

600 mm	560,0 kg
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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 253)

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

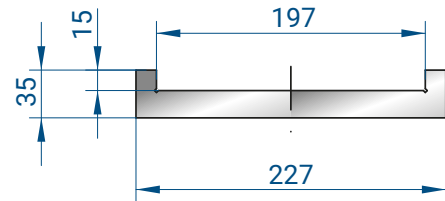
9015

3000 mm	120 kg
2000 mm	80 kg
100 mm	40 kg
500 mm	20 kg

PER MATRICE / FOR DIE
3190

9018

SPECIFICO PER ATTACCO WILA / TRUMPF
WILA / TRUMPF DEDICATED TANG



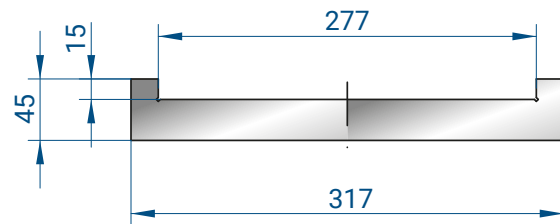
9016

3000 mm	318 kg
2000 mm	212 kg
100 mm	106 kg
500 mm	53 kg

PER MATRICE / FOR DIE
3191

9019

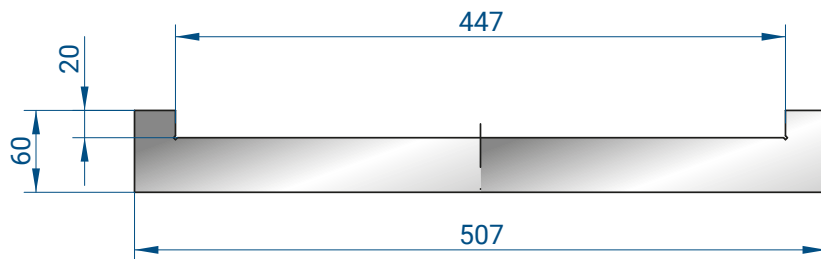
SPECIFICO PER ATTACCO WILA / TRUMPF
WILA / TRUMPF DEDICATED TANG



9014

3000 mm	594 kg
2400 mm	396 kg
1200 mm	198 kg
600 mm	99 kg

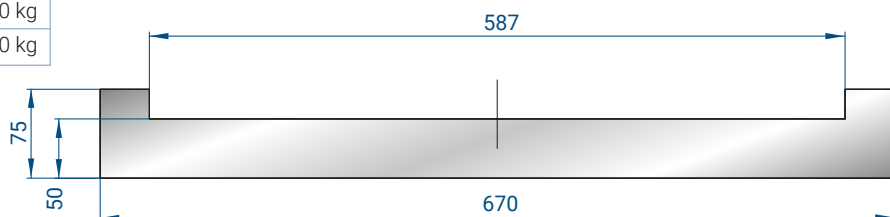
PER MATRICE
FOR DIE
3192



9017

3000 mm	900 kg
2400 mm	600 kg
1200 mm	300 kg
600 mm	150 kg

PER MATRICE
FOR DIE
3242



PROTEZIONE DALLE MARCATURE
PROTECTION AGAINST MARKS



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

4309

2,6 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

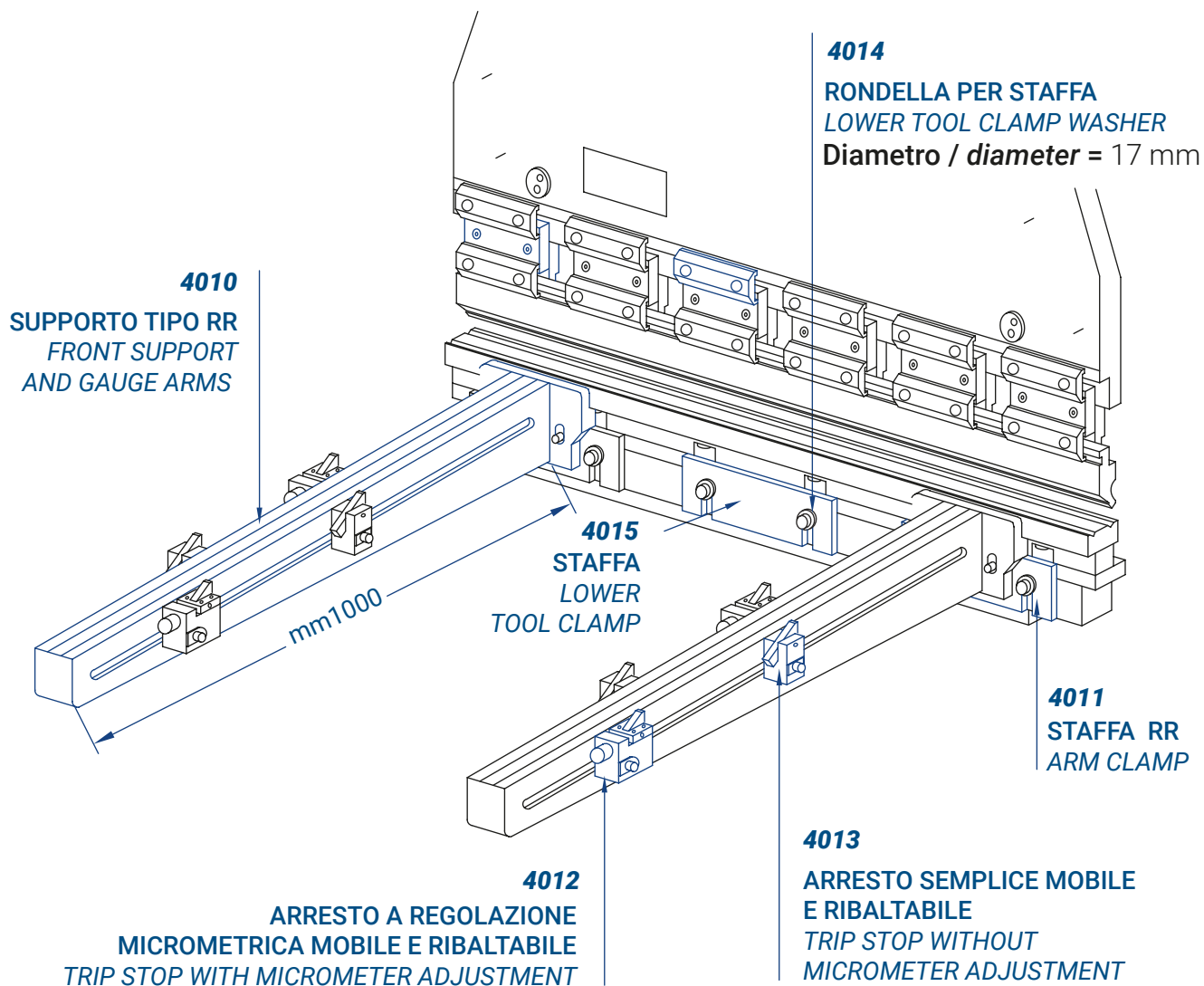


4380

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



COMPLEMENTI AUSILIARI
AUXILIARY COMPLEMENTS



4306

SQUADRE DI RIFERIMENTO
REFERENCE SQUARES

3,0 kg



4307

SQUADRE DI RIFERIMENTO ORIENTABILI
ADJUSTSABLE REFERENCE SQUARES

3,5 kg

4318

SQUADRETTA DI RIFERIMENTO
MAGNETICA SINISTRA
MAGNETIC SQUARING ARM - LEFT



4319

SQUADRETTA DI RIFERIMENTO
MAGNETICA DESTRA
MAGNETIC SQUARING ARM - RIGHT



GONIOMETRO MANUALE / MANUAL PROTRACTOR

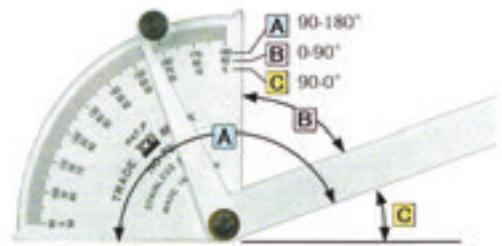
GONIOMETRO MANUALE PER LA
MISURAZIONE DI ANGOLI INTERNI ED
ESTERNI CON LA MINIMA INTERFERENZA

MANUAL PROTRACTOR FOR MEASURING
INTERNAL AND EXTERNAL ANGLES WITHOUT
INTERFERENCE



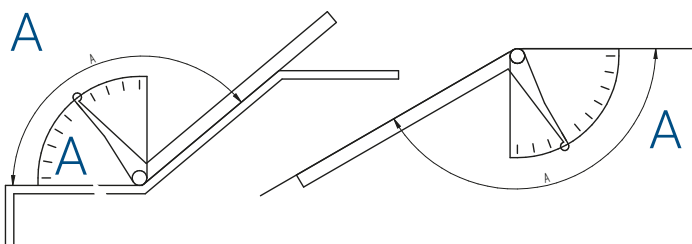
4383

TRIPLA MODALITÀ DI LETTURA
THREE SETS OF READING

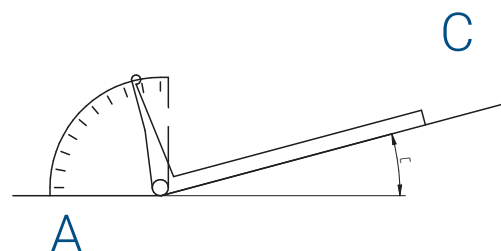


MODALITÀ DI UTILIZZO
HOW TO USE

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



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, PIÙ OPZIONI COLORI A RICHIESTA
STANDARD COLOUR BLACK, MORE COLOR OPTIONS ON REQUEST



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

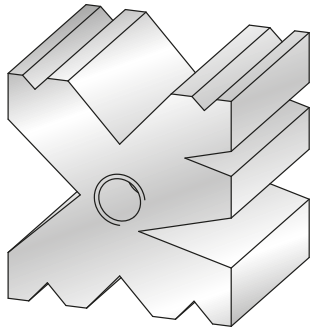
DISPONIBILI SU RICHIESTA ARMADI A 3 O 4 ANTE
AVAILABLE ON REQUEST WARDROBES WITH 3 OR 4 DOORS



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		

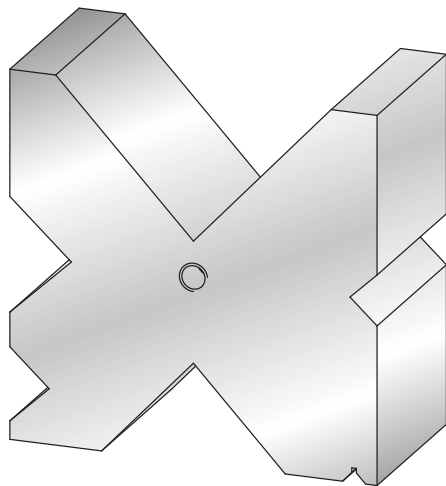
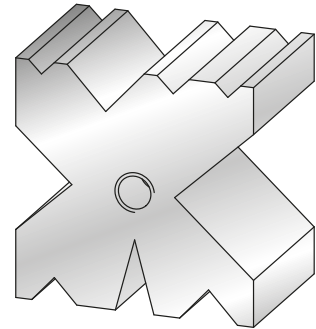


MATRICI MULTICAVA A RICHIESTA
MULTI V DIES ON REQUEST



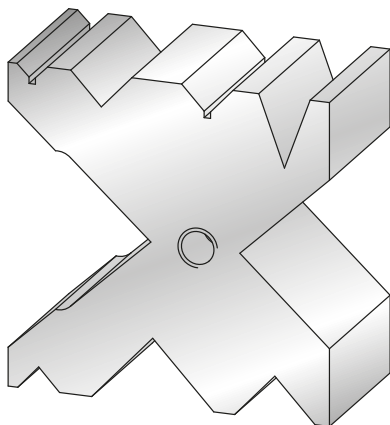
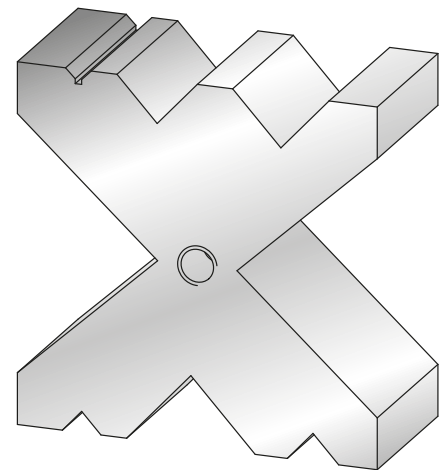
MATERIALI
MATERIALS

1.2312
C45
42CrM04



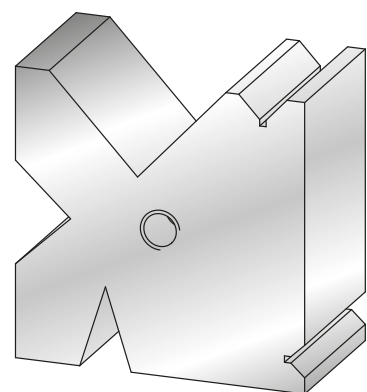
LAVORAZIONI
PROCESSING

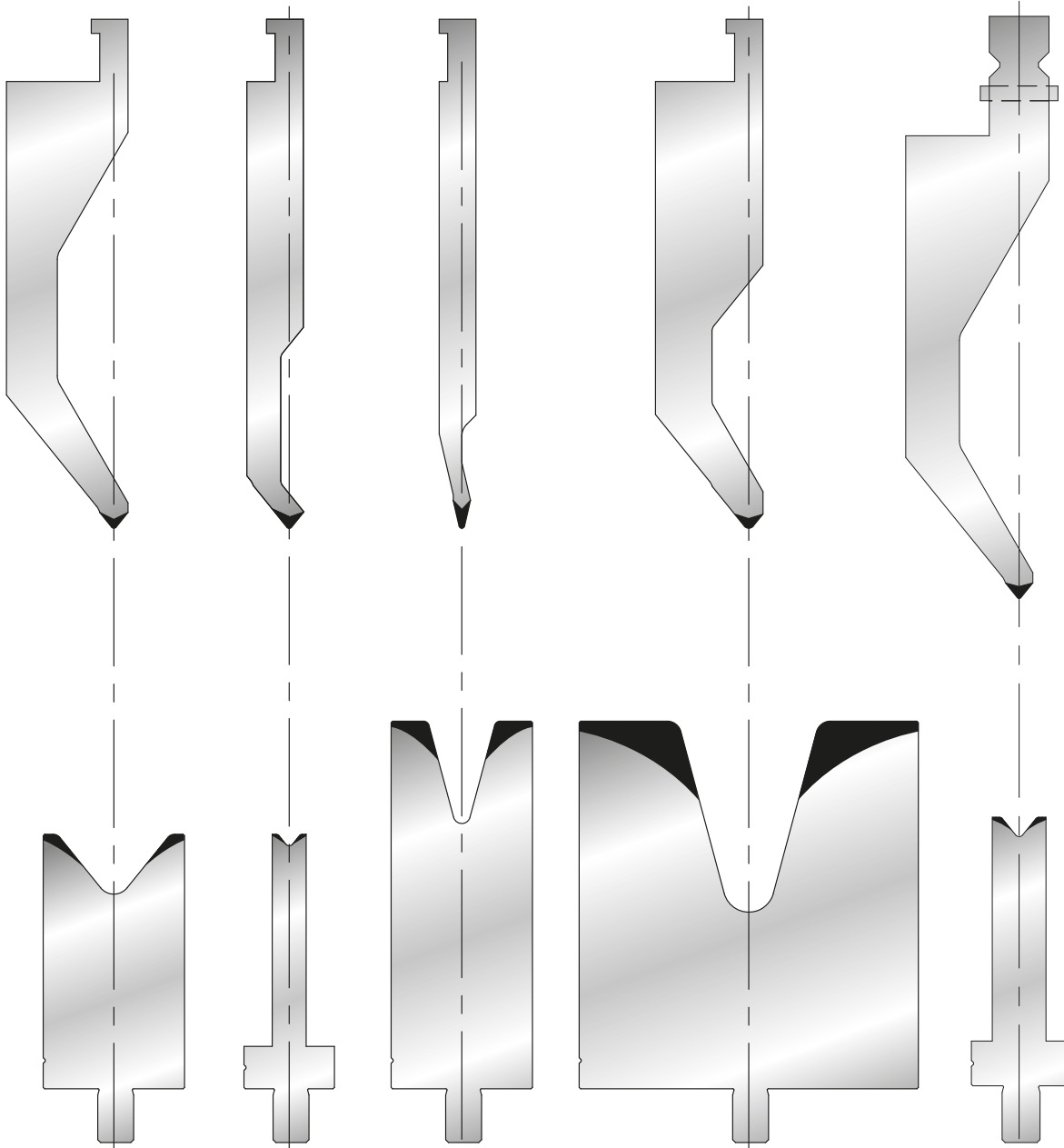
Temprato / *Hardened*
Bonificato nitrurato /
Tempered - nitrided
Piallato / *Planed*
Rettificato / *Ground*



LUNGHEZZE
LENGTHS (MM)

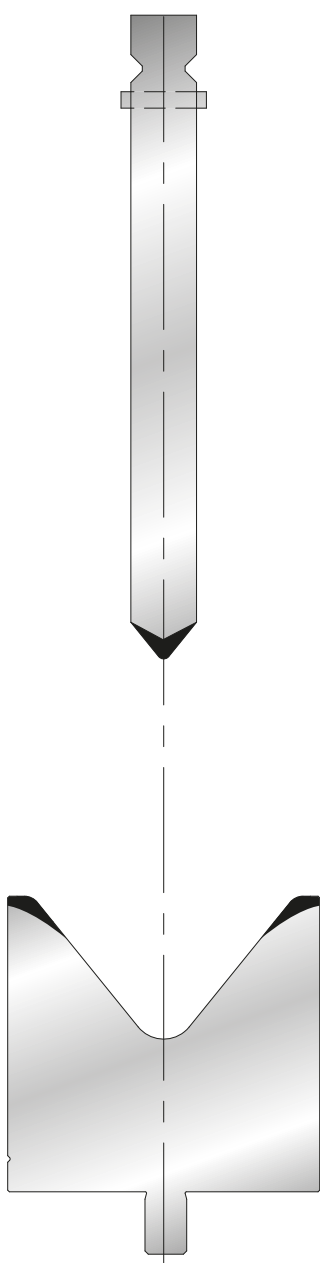
2000
3000
4000
6000
8000



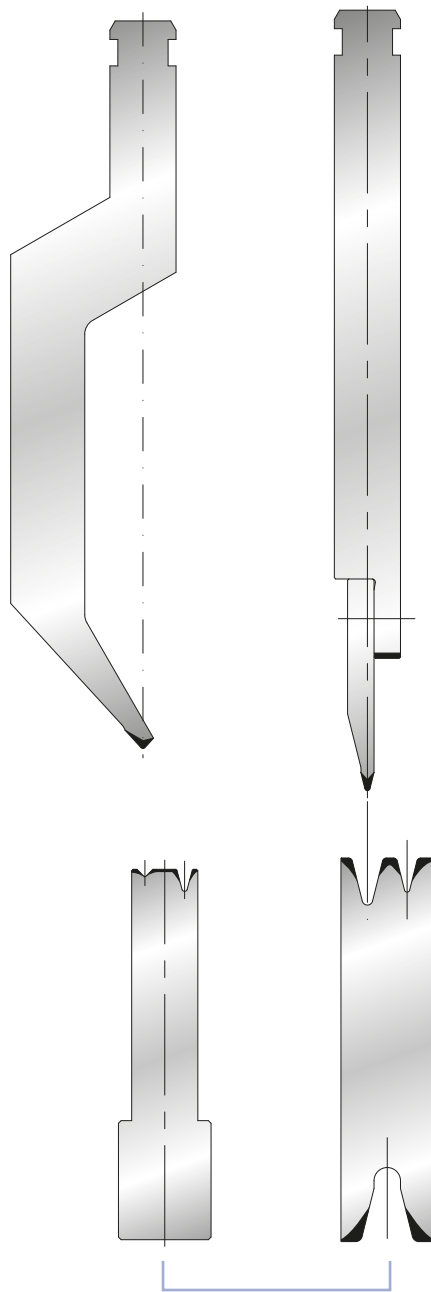


LVD Style

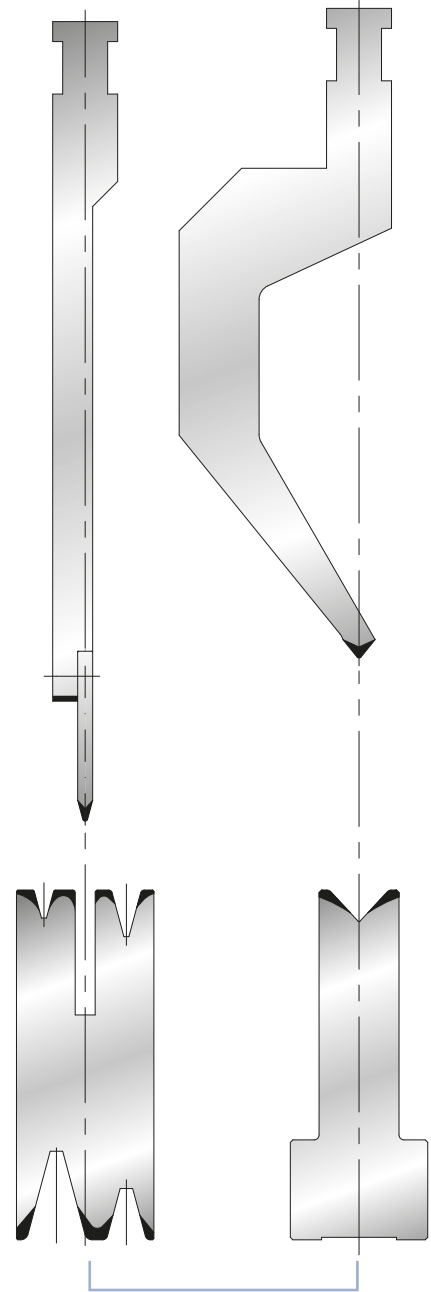
LVD Wila Style



LVD - Wila Style

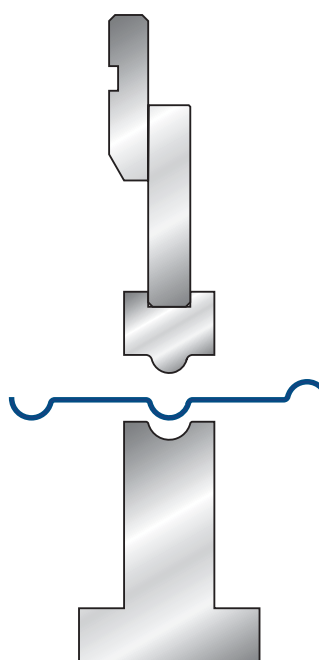
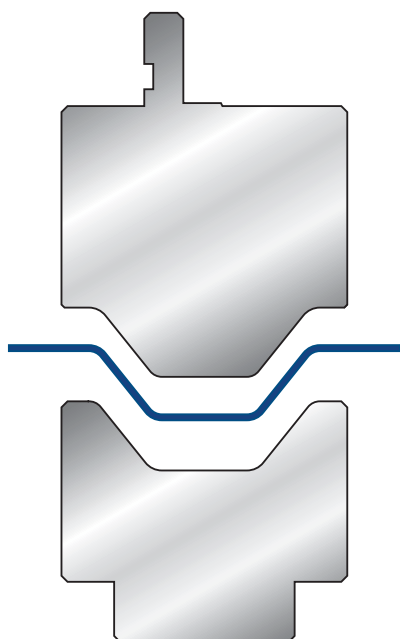
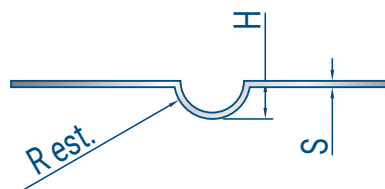
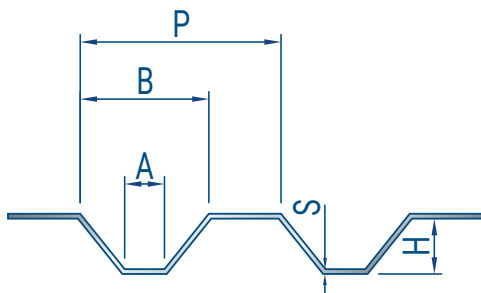
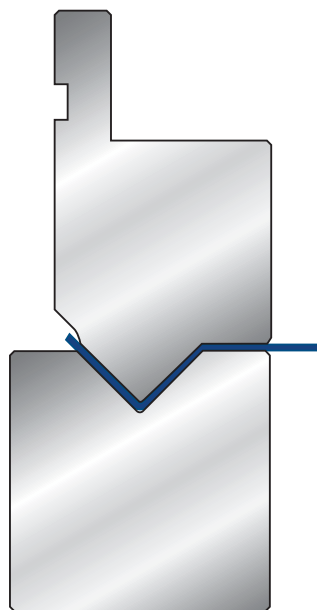
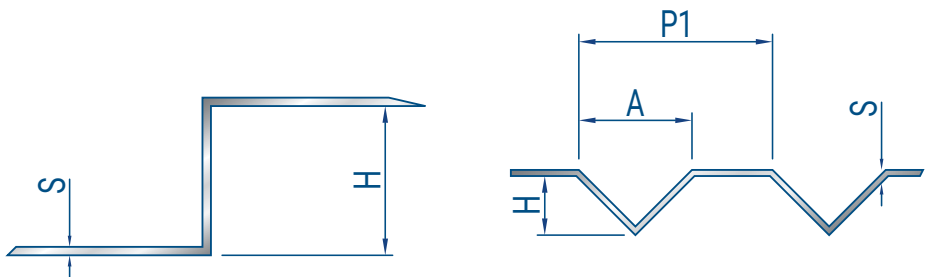


Weinbrenner Style

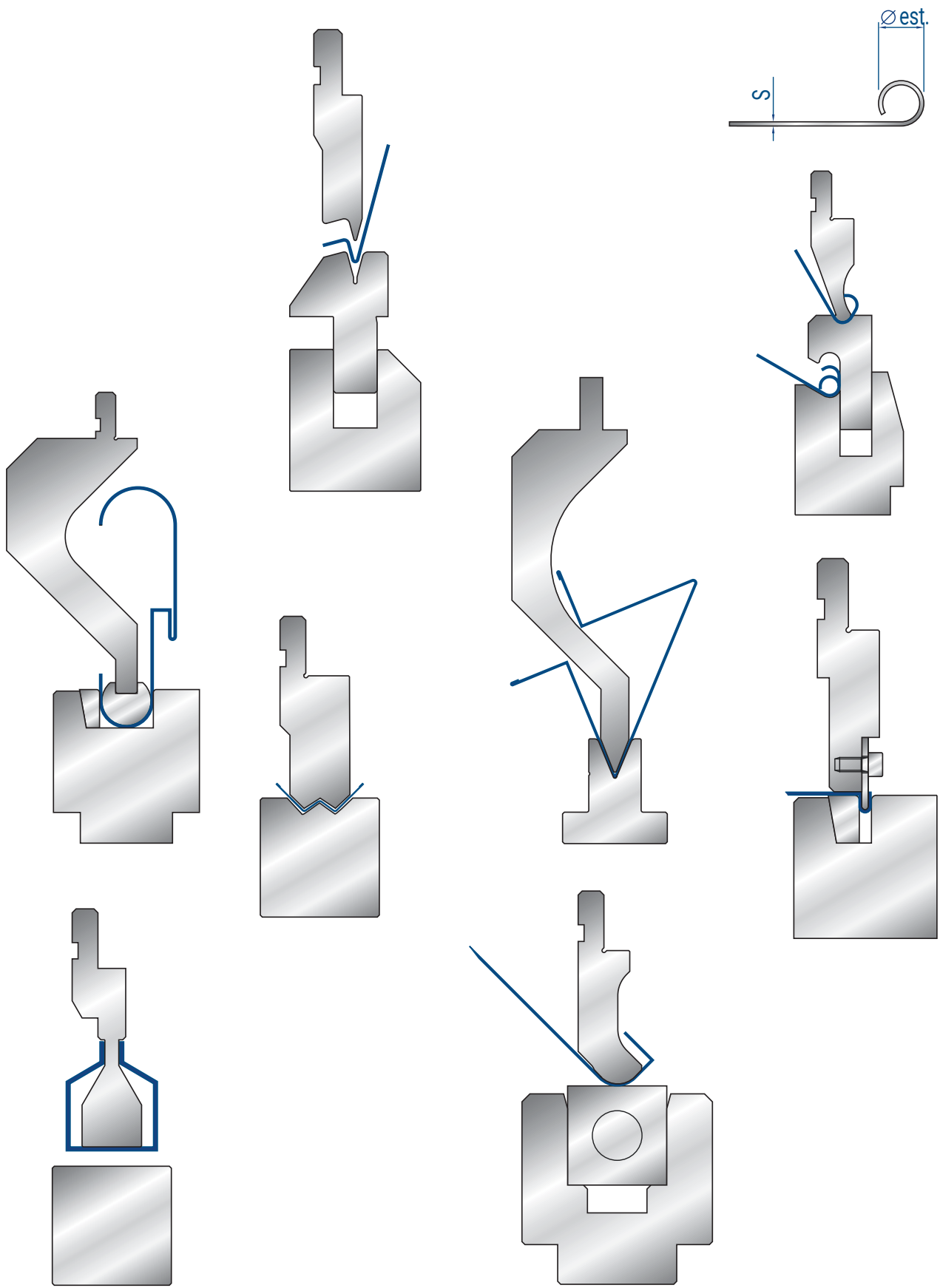


EHT Style

UTENSILI SPECIALI SU RICHIESTA
SPECIAL TOOLS ON REQUEST



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:*

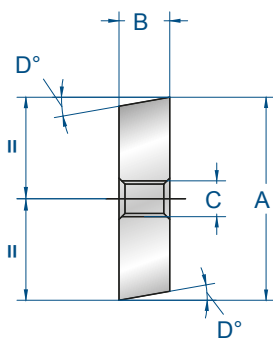
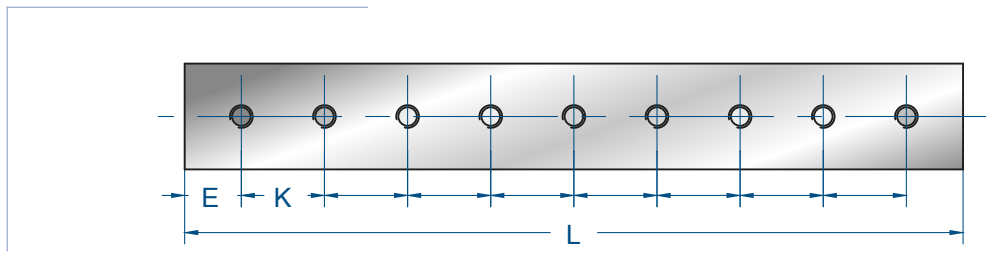
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MOD.....

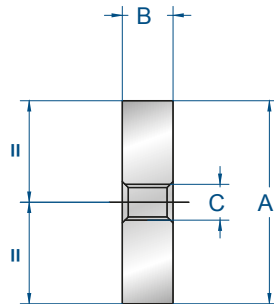
PR.....

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>	

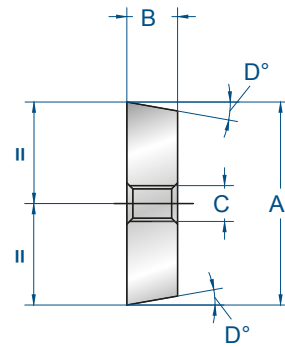
PROFILO / PROFILE



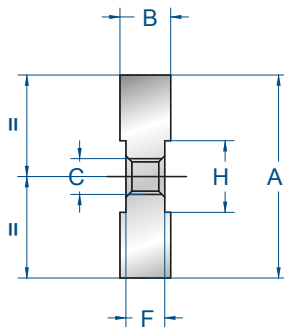
mod. 2000



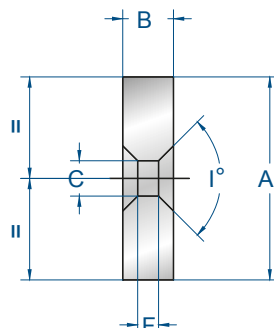
mod. 2001



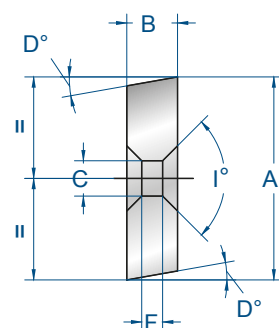
mod. 2002



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.

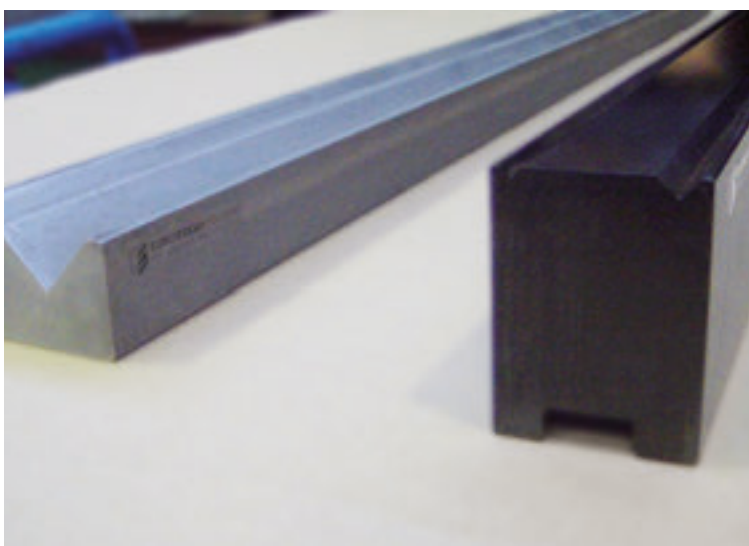
8205

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.





EUROSTAMP TOOLING
the Italian excellence



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the Italian excellence

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