BYSTRONIC

EUROSTAMP TOOLING
the Italian secret of quality

Press brake tooling and equipment

UTENSILI E ATTREZZATURE PER PRESSE PIEGATRICI

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, the italian secret of quality”

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 secret of quality”

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L'azienda è stata creata nel 1970 e, sin da allora, 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.

CHI SIAMO

*The company was formed in 1970 and, since then, we have been proud to produce and market high performing, **reliable tools for bending**, which are characterised by the highest quality standards. Our highly-technological machine tool range and large warehouse facilities, allow us to meet every need and special requirement you may have*

*Our tools are made of **medium carbon steel and special Italian-sourced alloy steel**, with induction hardening on the parts subject to wear that guarantees **55-60 HRC hardness**.*

We provide a large range of accessories for press brakes: lower and upper adaptors, manual and pneumatic clamping systems. Our in-house technical office is also able to study fully customised bending projects in a timely and accurate manner.

WHO WE ARE

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, e investiamo costantemente **in attrezzature di qualità** e in spazi di stoccaggio di ampio respiro.
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, we decided to **focus only on manufacturing and engineering of tooling for press brakes**, so we invested all of **our resources on the state-of-art technologies applied to any of internal processes.***
*Our production department put the highest care on every detail, on the maximum **accuracy and on the minute quality control**, according to a craftsman mood: we selected the best raw materials suppliers among the Italian market, beside we have been steadily investing on the **highest quality equipment** and in a precisely organised warehouse.*
*We put a strong attention to train our production and engineering staff and to invest on **research and development activities because we believe that the best way to satisfy the customer demands is to overcome his expectations with innovative solutions and with a high level pre and post sales support.***
Our sales staff works daily beside the production and the engineering departments in order to spread worldwide our brand philosophy.

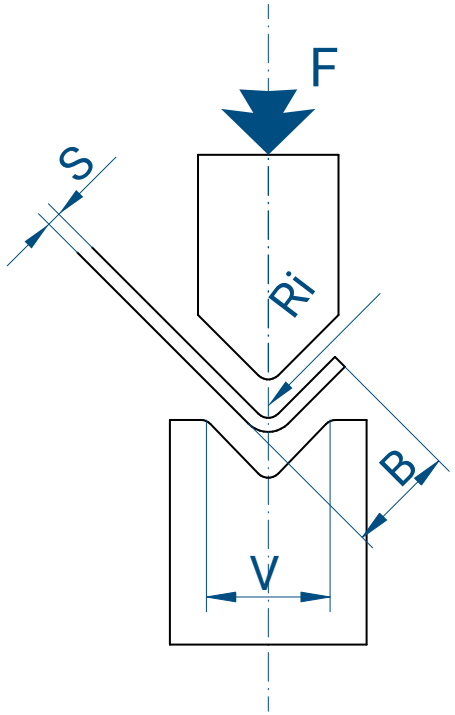
*Our staff are specialists who **follow every production phase from choosing** the best steel to the procedures for machining, hardening and grinding of each piece. We are using only 100% Italian quality steel for granting always **the best accuracy and the conformity with the highest standards specifications.***

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.**

LE COMPETENZE
OUR COMPETENCES

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/mmq Aluminium 20-25 kg/mmq
F	Forza in T/m Force in T/m	**R**	Acciaio dolce 40-45 kg/mmq Mild steel 40-45 kg/mmq
B	Bordo minimo Shortest edge	**R**	Inox 65-70 kg/mmq Stainless steel 65-70 kg/mmq

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

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

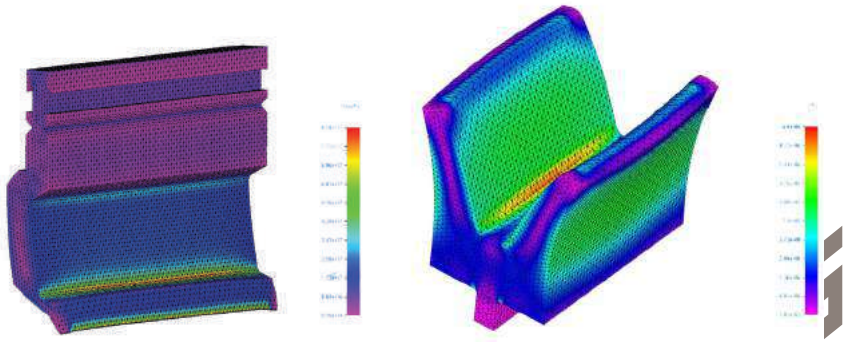


Tabella di piegatura in aria - Acciaio dolce / Air bending table - Mild Steel

S			mm	0,5	0,6	0,8	1	1,2	1,5	2	2,5	3	4	5	6	8	10	12	15	20	25	30
6	4	1		3	4	**7**	11	16														
8	5,5	1,3			4	5	**8**	12	17													
10	7	1,6				4	7	**10**	15	27												
12	8,5	2					6	8	**13**	22	35											
16	11	2,6						6	9	**17**	26	38										
20	14	3,3							8	13	**21**	30	54									
25	17,5	4								11	17	**24**	42	67								
32	22	5									13	19	**34**	52	75							
40	28	6,5										15	27	**42**	60	107						
50	35	8											21	33	**48**	85	134					
63	45	10												26	38	68	105					
80	55	13													30	53	**85**	120				
100	71	16														43	67	96	150			
125	89	20															53	**78**	120	215		
160	113	26																60	**95**	170	265	
200	140	33																	75	**135**	210	300
250	175	41																		108	**170**	240
320	226	53																		85	130	**190**
V	B	Ri																				**F**

t/m

Tabella di piegatura in aria - Acciaio inox / Air bending table - Stainless Steel

S			mm	0,5	0,6	0,8	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**	17	25														
8	5,5	1,3			6	8	**12**	19	26													
10	7	1,6				6	11	**16**	23	42												
12	8,5	2					9	12	**20**	34	54											
16	11	2,6						9	14	**26**	40	59										
20	14	3,3							12	20	**33**	47	84									
25	17,5	4								17	26	**37**	65	104								
32	22	5									20	30	**53**	81	117							
40	28	6,5										23	42	**65**	93	166						
50	35	8											33	51	**75**	132	208					
63	45	10												40	59	106	163					
80	55	13													47	82	**132**	187				
100	71	16														67	104	149	233			
125	89	20															82	**121**	187	334		
160	113	26																93	**148**	264	412	
200	140	33																	117	**210**	327	467
250	175	41																		168	**264**	373
320	226	53																		132	202	**296**
V	B	Ri																				**F**

t/m

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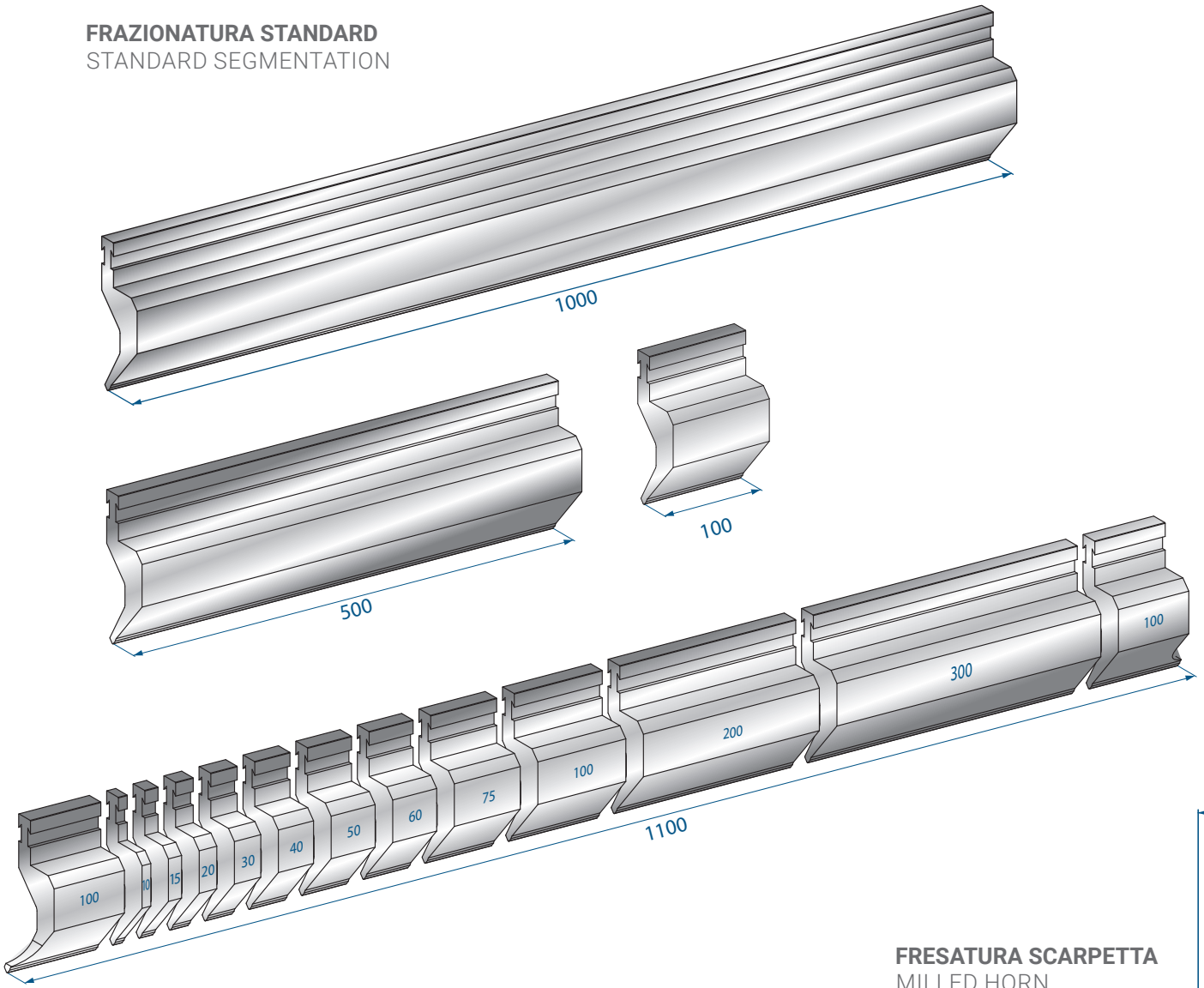
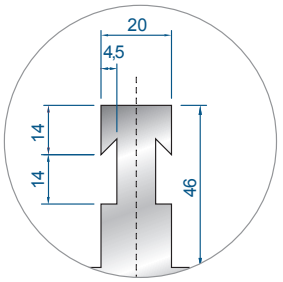
Gli utensili superiori elencati in questa sezione possono essere installati sulle piegatrici Bystronic/Beyeler dotate dei seguenti stili di connessione:
Upper tooling listed on this section could be installed on the Bystronic/Beyeler press brakes equipped with the following clamping styles:

Bystronic/Beyeler Type RFA
Bystronic/Beyeler Type RF
Bystronic/Beyeler Type R
Questi utensili possono essere installati che su altre piegatrici tramite adattatori superiori e inferiori.
These tooling are could also be installed on other press brakes by using the correct upper and lower adapters.

BYSTRONIC

FRAZIONATURA STANDARD
STANDARD SEGMENTATION





BYSTRONIC R
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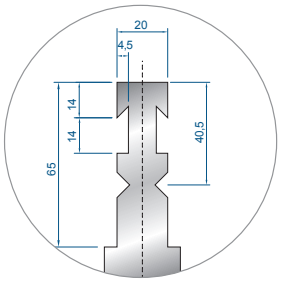

BYSTRONIC RF-A
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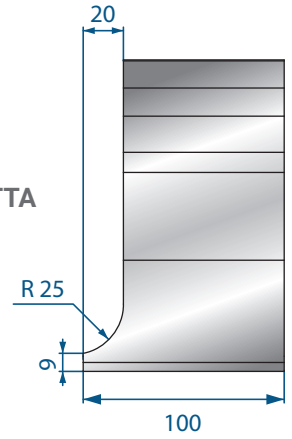
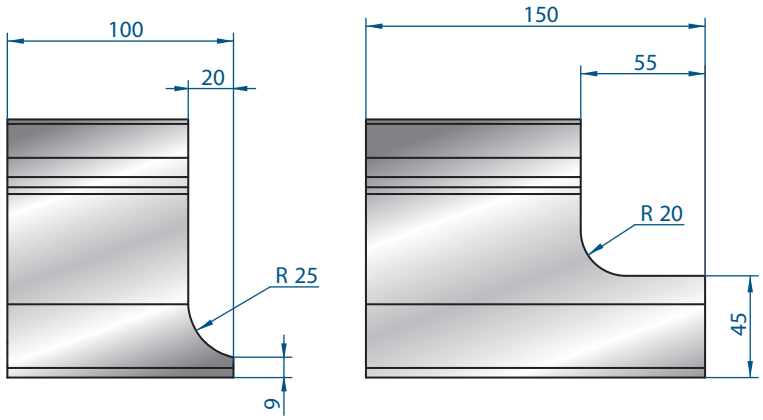
FRESATURA SCARPETTA
MILLED HORN

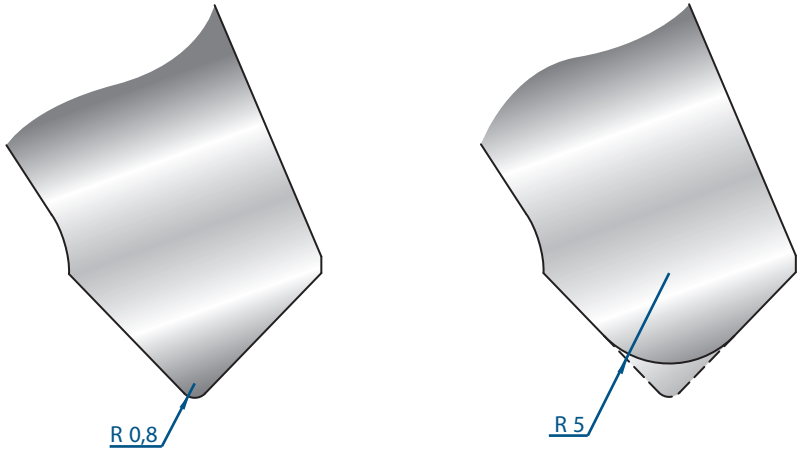


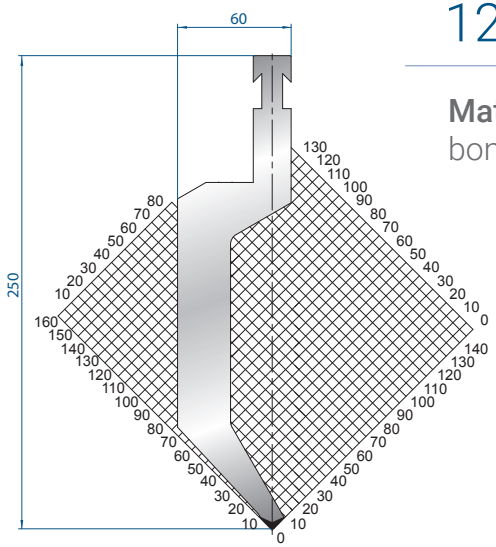
SCARPETTE SPECIALI
SPECIAL HORNS



TAGLI A RICHIESTA
SPECIAL SEGMENTATION

MODIFICA RAGGIO
RADIUS MODIFICATION





1298

Mat = 42CrMo4
bonificato / tempered

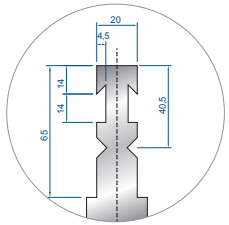
H = 250.00

Max T/m = 60

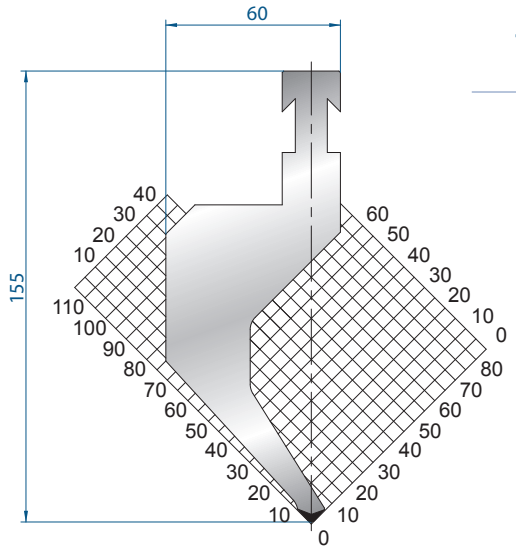
α = 86°

R = 1.5

500 mm	25,0 kg
1100 mm FRAZ. / SECT.	55,0 kg
100 mm	5,0 kg



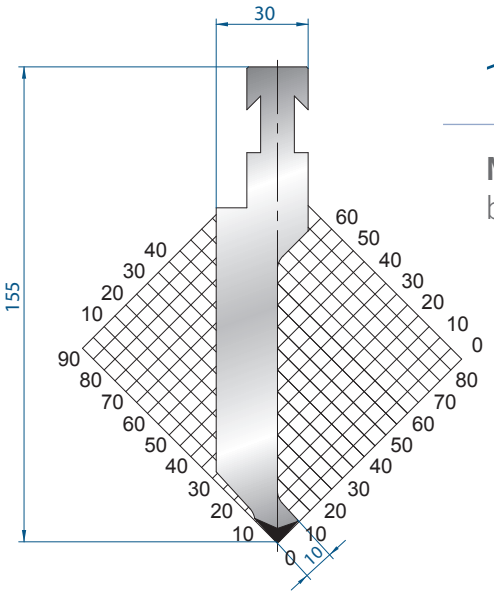
ATTACCO RF-A
INCLUSO SU RICHIESTA
RF-A TANG INCLUDED
ON DEMAND



1216

Mat = C45
bonificato / tempered
H = 155.00
Max T/m = 50
α = 85°
R = 1.5

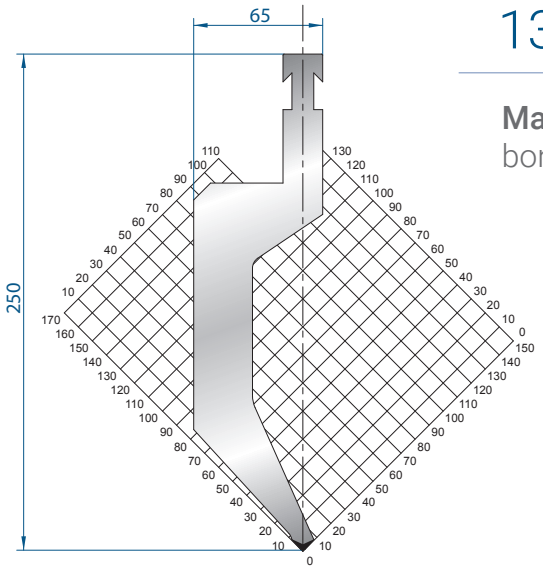
1000 mm	30,0 kg
500 mm	15,0 kg
1100 mm FRAZ. / SECT.	30,0 kg
100 mm	3,0 kg



1218

Mat = C45
bonificato / tempered
H = 155.00
Max T/m = 100
α = 85°
R = 1

1000 mm	23,0 kg
500 mm	12,5 kg
1100 mm FRAZ. / SECT.	30,0 kg
100 mm	3,0 kg



1321

Mat = 42CrMo4
bonificato / tempered

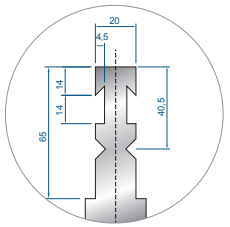
H = 250.00

Max T/m = 100

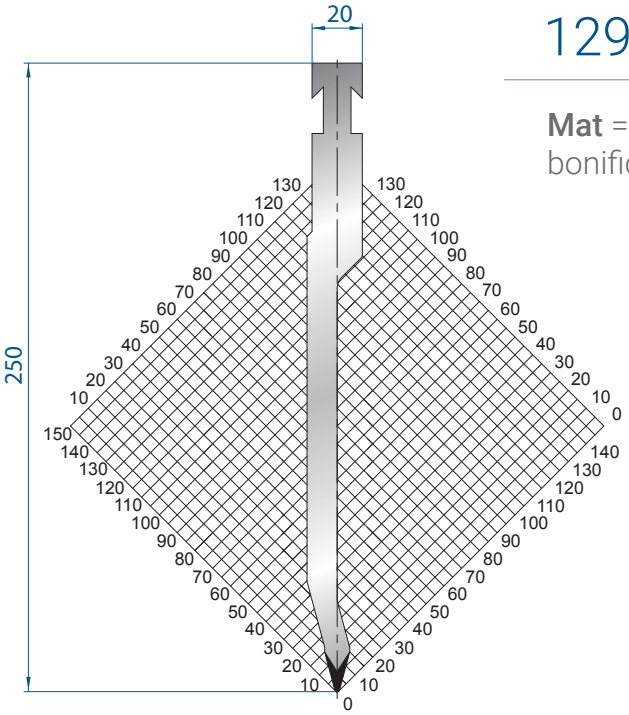
α = 85°

R = 1.5

500 mm	27,9 kg
1100 mm FRAZ. / SECT.	61,0 kg
100 mm	5,6 kg



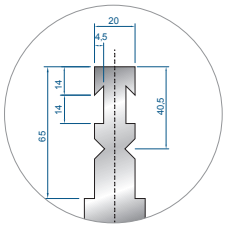
ATTACCO RF-A
INCLUSO SU RICHIESTA
RF-A TANG INCLUDED
ON DEMAND



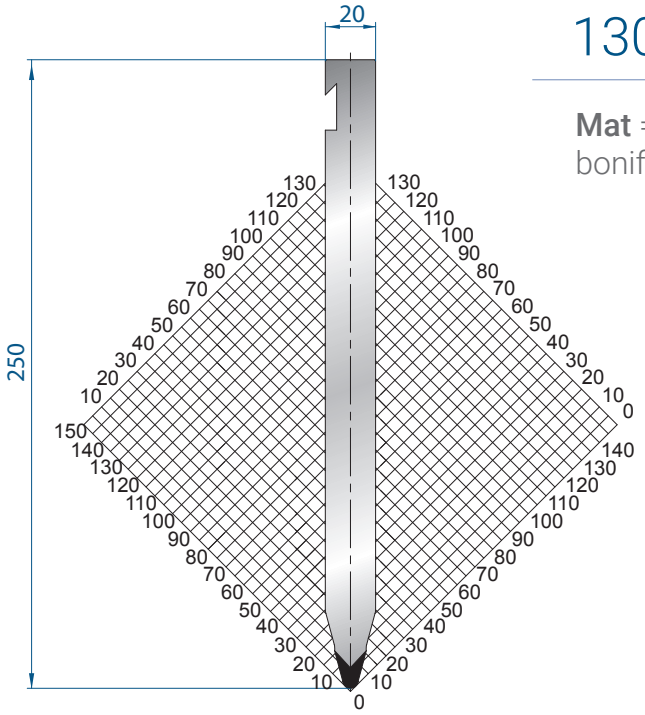
1299

Mat = 42CrMo4
bonificato / tempered
H = 250.00
Max T/m = 80
α = 30°
R = 1

500 mm	13,3 kg
1100 mm FRAZ. / SECT.	29,2 kg
100 mm	2,6 kg



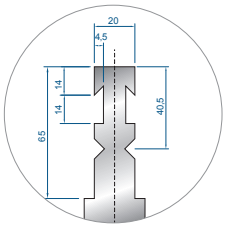
ATTACCO RF-A
INCLUSO SU RICHIESTA
RF-A TANG INCLUDED
ON DEMAND



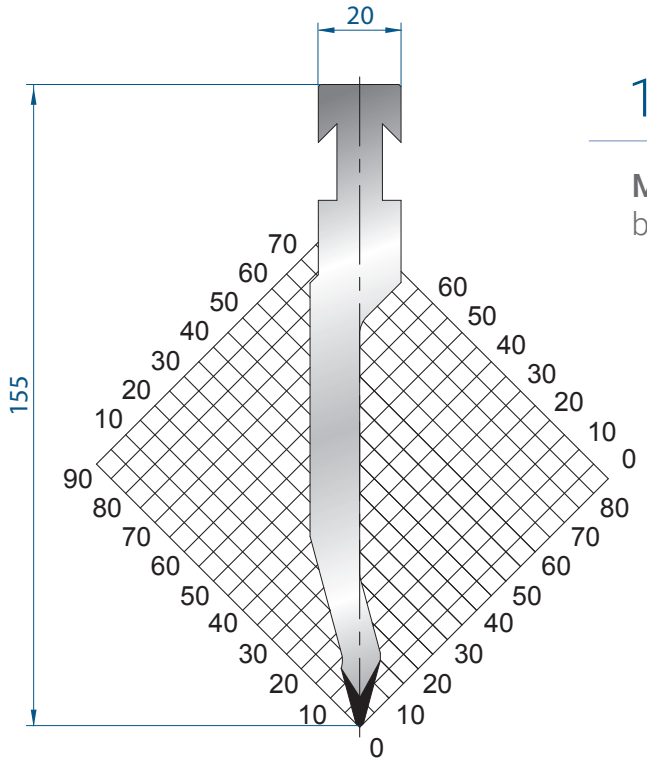
1300

Mat = 42CrMo4
bonificato / tempered
H = 250.00
Max T/m = 120
α = 30°
R = 3

500 mm	21,0 kg
1100 mm FRAZ. / SECT.	46,0 kg
100 mm	4,2 kg



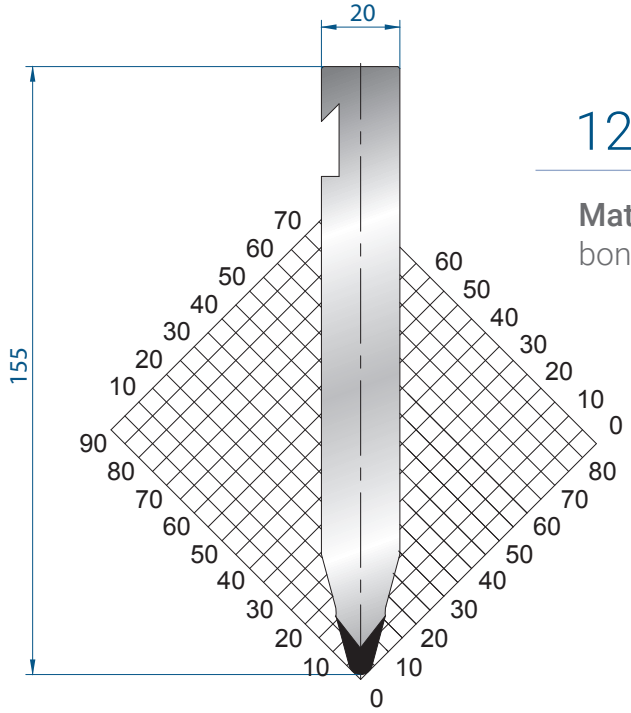
ATTACCO RF-A
INCLUSO SU RICHIESTA
RF-A TANG INCLUDED
ON DEMAND



1220

Mat = C45
bonificato / tempered
H = 155.00
Max T/m = 80
α = 30°
R = 1

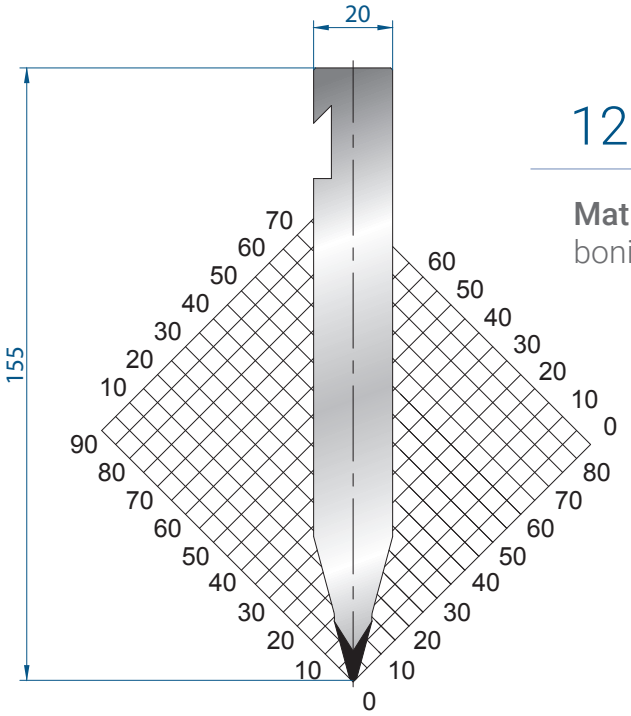
1000 mm	16,0 kg
500 mm	8,0 kg
1100 mm FRAZ. / SECT.	16,0 kg
100 mm	1,6 kg



1225

Mat = C45
bonificato / tempered
H = 155.00
Max T/m = 100
α = 30°
R = 3

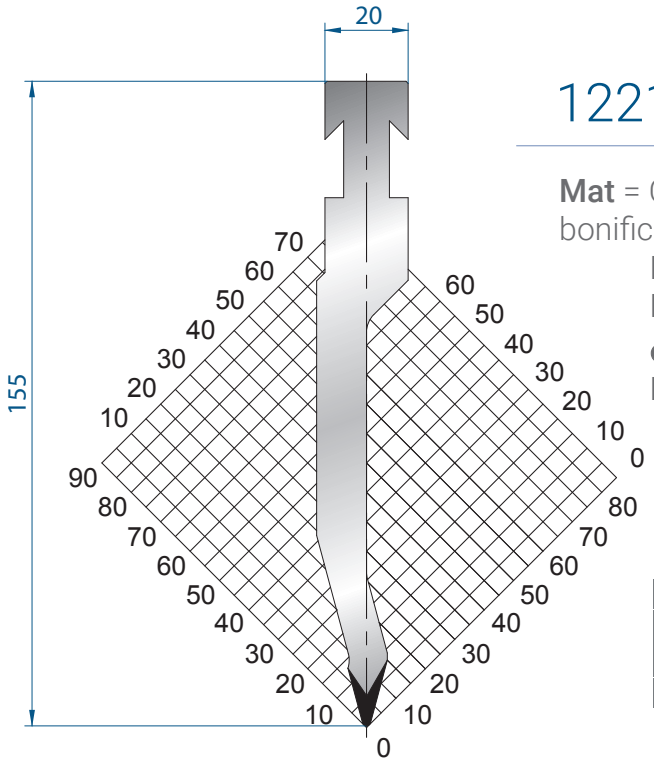
1000 mm	16,0 kg
500 mm	8,0 kg
1100 mm FRAZ. / SECT.	16,0 kg
100 mm	1,6 kg



1226

Mat = C45
bonificato / tempered
H = 155.00
Max T/m = 100
α = 30°
R = 1

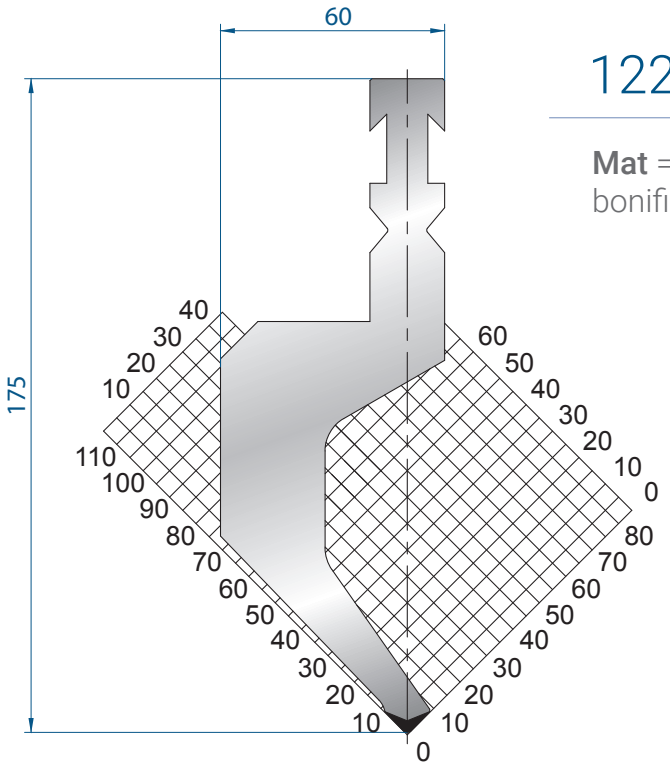
1000 mm	21,0 kg
500 mm	10,0 kg
1100 mm FRAZ. / SECT.	21,0 kg
100 mm	2,0 kg



1221

Mat = C45
bonificato / tempered
H = 155.00
Max T/m = 80
α = 28°
R = 1

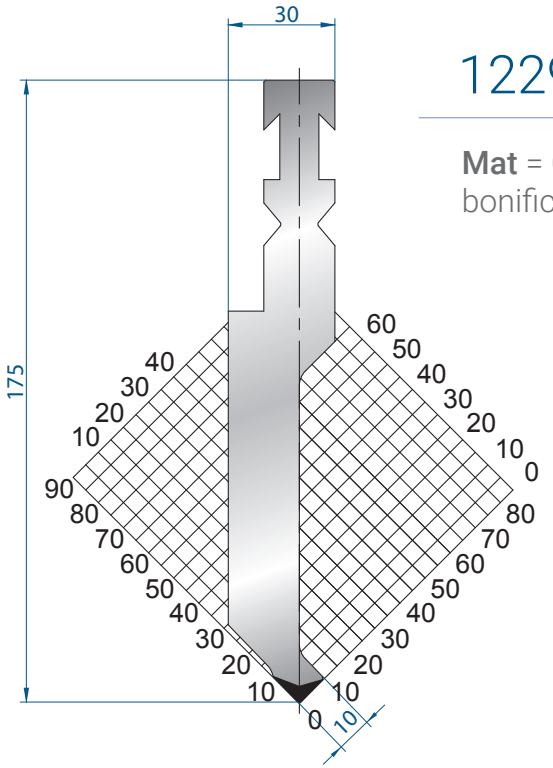
1000 mm	16,0 kg
500 mm	8,0 kg
1100 mm FRAZ. / SECT.	16,0 kg
100 mm	1,6 kg



1227

Mat = C45
bonificato / tempered
H =175.00
Max T/m = 50
α = 88°
R = 1.5

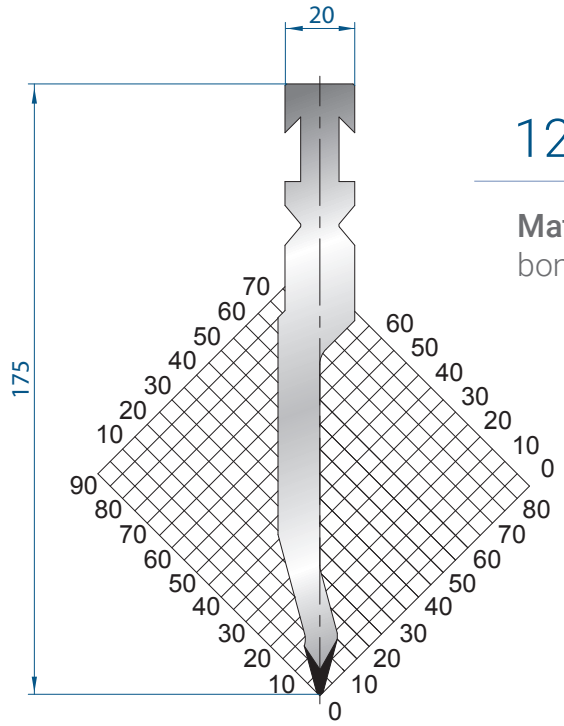
1000 mm	33,0 kg
500 mm	16,0 kg
1100 mm FRAZ. / SECT.	33,0 kg
100 mm	3,2 kg



1229

Mat = C45
bonificato / tempered
H =175.00
Max T/m = 100
α = 88°
R = 1

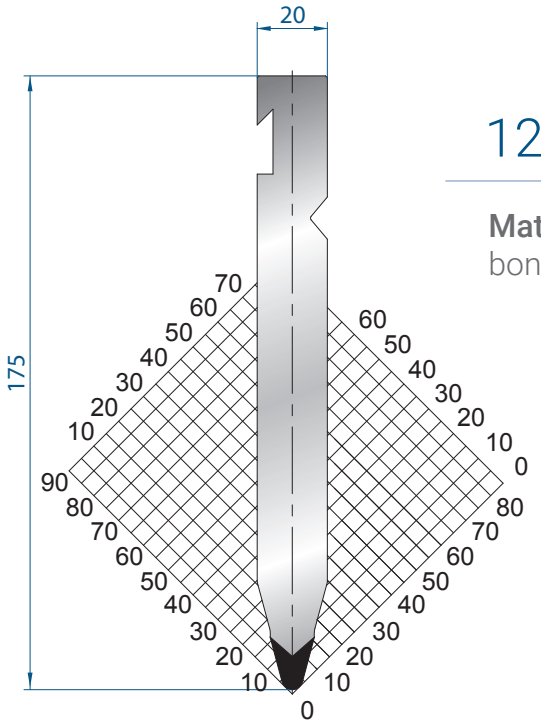
1000 mm	26,0 kg
500 mm	13,0 kg
1100 mm FRAZ. / SECT.	26,0 kg
100 mm	2,6 kg



1230

Mat = C45
bonificato / tempered
H = 175.00
Max T/m = 80
α = 30°
R = 1

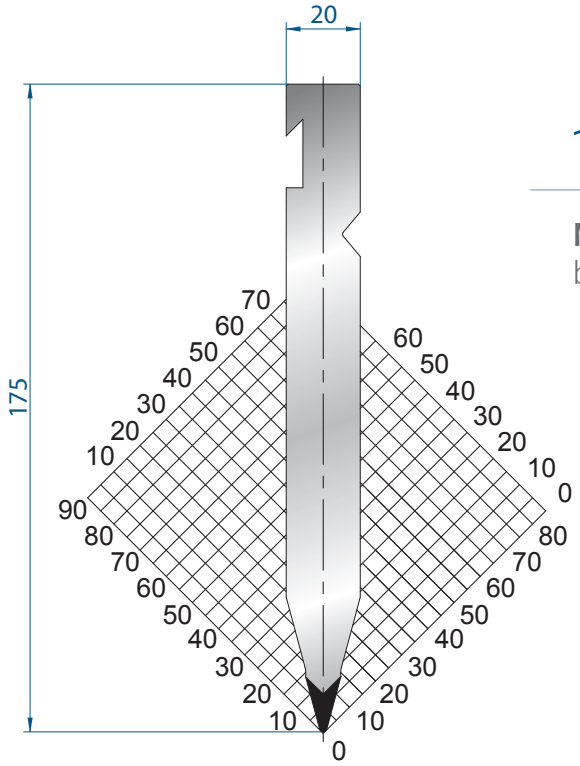
1000 mm	16,0 kg
500 mm	8,0 kg
1100 mm FRAZ. / SECT.	16,0 kg
100 mm	1,6 kg



1231

Mat = C45
bonificato / tempered
H = 175.00
Max T/m = 100
α = 30°
R = 3

1000 mm	25,0 kg
500 mm	12,0 kg
1100 mm FRAZ. / SECT.	25,0 kg
100 mm	2,4 kg



1232

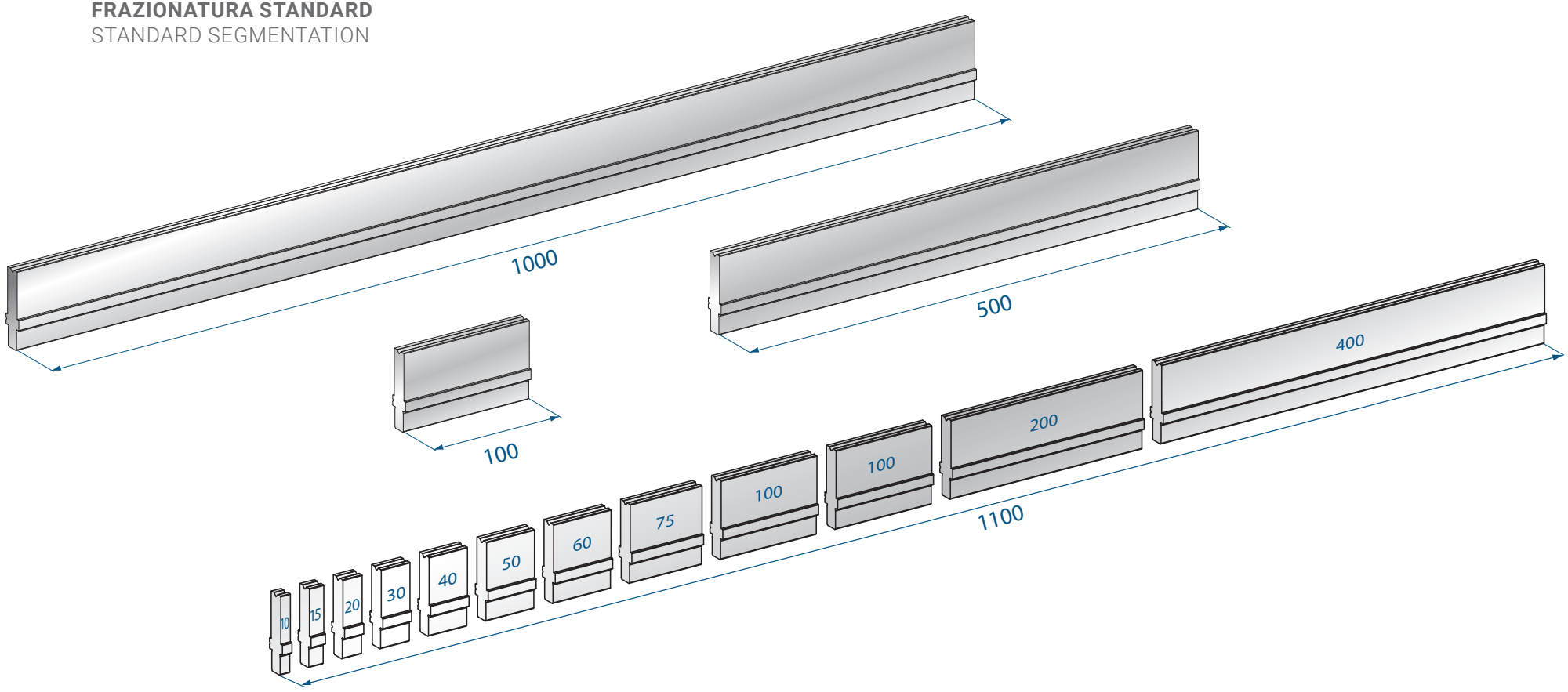
Mat = C45
bonificato / tempered
H = 175.00
Max T/m = 100
α = 30°
R = 1

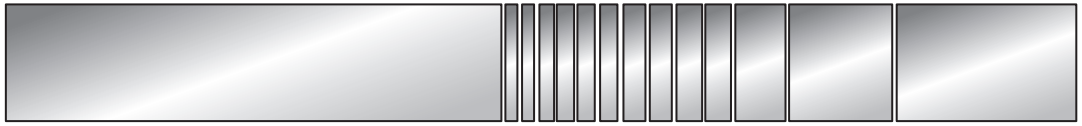
1000 mm	25,0 kg
500 mm	12,0 kg
1100 mm FRAZ. / SECT.	25,0 kg
100 mm	2,4 kg

Gli utensili inferiori elencati in questa sezione possono essere installati sulle piegatrici:
Lower tooling listed on this section could be installed on the following press brakes:

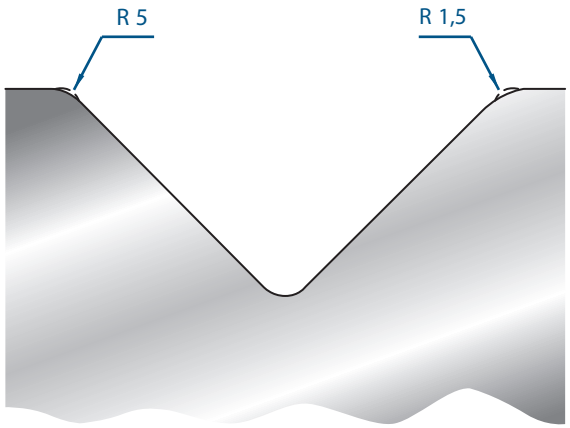
Bystronic/Beyeler, Trumpf, Darley, Safan, SMD e su altre piegatrici equipaggiate con Sistema NSCR.
Bystronic/Beyeler, Trumpf, Darley, Safan, SMD and on other press brakes equipped with System NSCR.
Questi utensili possono essere installati che su altre piegatrici tramite adattatori superiori e inferiori
These tooling are could also be installed on other press brakes by using the correct upper and lower adapters

FRAZIONATURA STANDARD
STANDARD SEGMENTATION

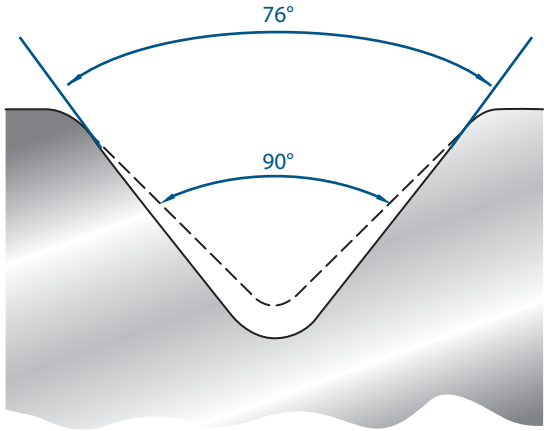




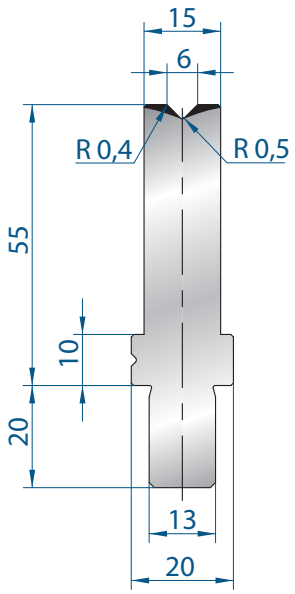
TAGLI A RICHIESTA
SPECIAL SEGMENTATION



MODIFICA RAGGIO
RADIUS MODIFICATION



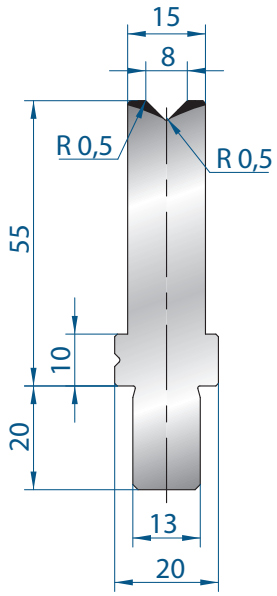
MODIFICA ANGOLO
ANGLE MODIFICATION



3241

Mat = C45
Max T/m = 100
α = 88°

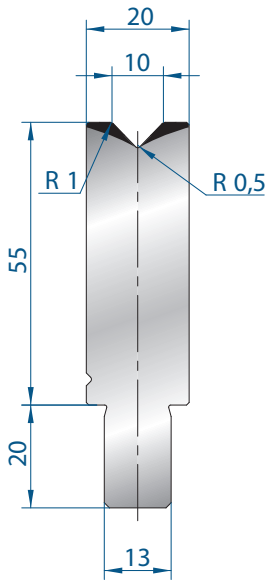
1000 mm	8,0 kg
500 mm	4,0 kg
1100 mm FRAZ. / SECT.	8,0 kg
100 mm	0,8 kg



3242

Mat = C45
Max T/m = 100
α = 88°

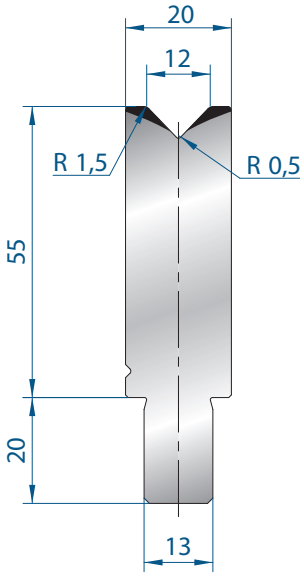
1000 mm	9,0 kg
500 mm	4,0 kg
1100 mm FRAZ. / SECT.	9,0 kg
100 mm	0,8 kg



3106

Mat = C45
Max T/m = 100
α = 88°

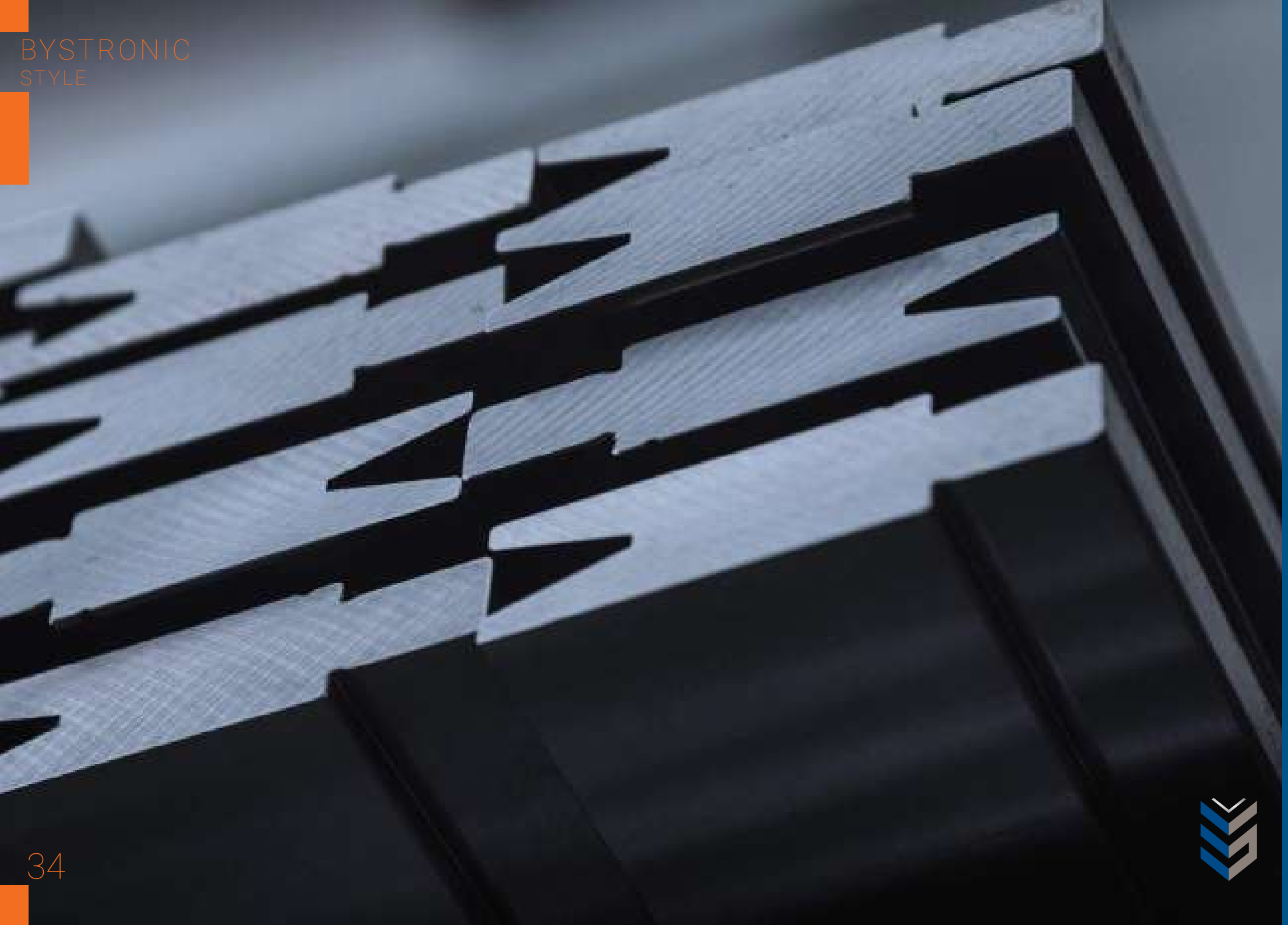
1000 mm	10,0 kg
500 mm	5,0 kg
1100 mm FRAZ. / SECT.	10,0 kg
100 mm	1,0 kg

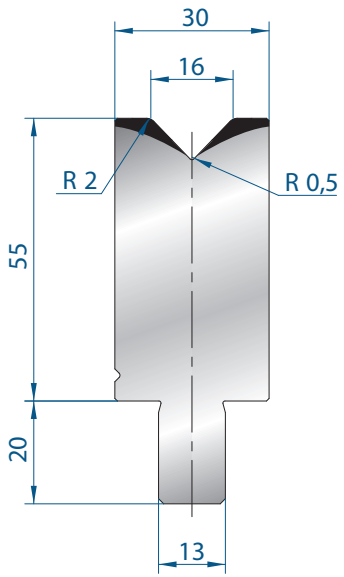


3107

Mat = C45
Max T/m = 100
α = 88°

1000 mm	10,0 kg
500 mm	5,0 kg
1100 mm FRAZ. / SECT.	10,0 kg
100 mm	1,0 kg

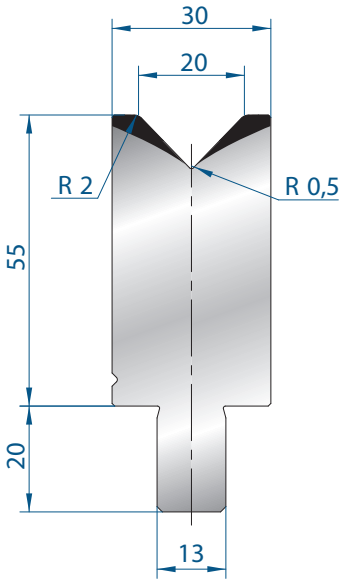




3108

Mat = C45
Max T/m = 100
α = 88°

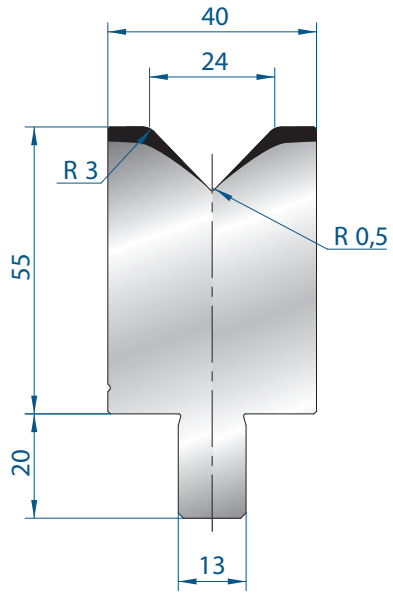
1000 mm	14,0 kg
500 mm	7,0 kg
1100 mm FRAZ. / SECT.	14,0 kg
100 mm	1,4 kg



3109

Mat = C45
Max T/m = 100
α = 88°

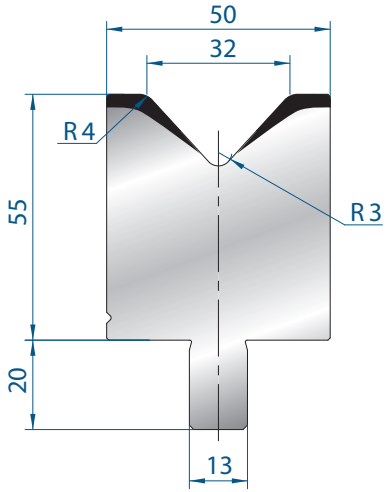
1000 mm	14,0 kg
500 mm	7,0 kg
1100 mm FRAZ. / SECT.	14,0 kg
100 mm	1,4 kg



3110

Mat = C45
Max T/m = 100
α = 88°

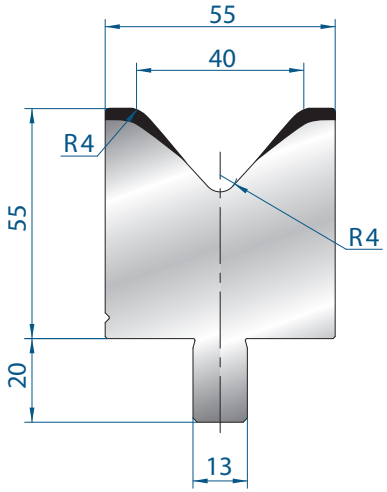
1000 mm	18,0 kg
500 mm	9,0 kg
1100 mm FRAZ. / SECT.	18,0 kg
100 mm	1,8 kg



3111

Mat = C45
Max T/m = 100
α = 85°

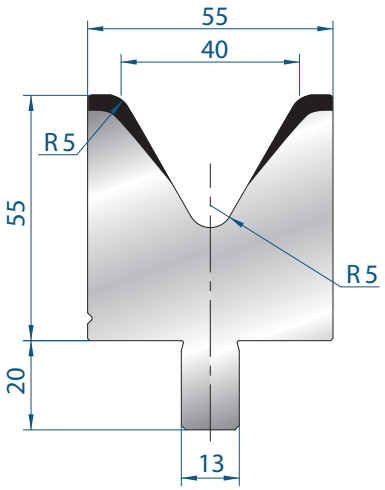
1000 mm	21,0 kg
500 mm	10,0 kg
1100 mm FRAZ. / SECT.	21,0 kg
100 mm	2,0 kg



3112

Mat = C45
Max T/m = 100
α = 85°

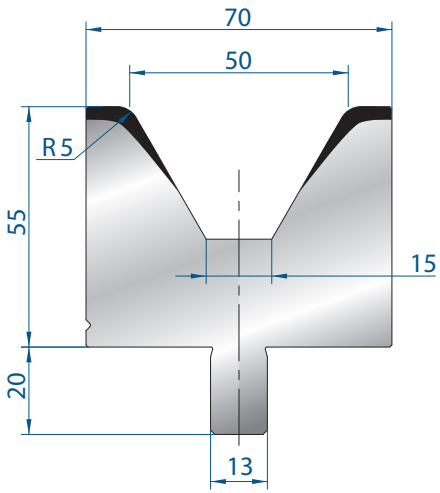
1000 mm	21,0 kg
500 mm	10,0 kg
1100 mm FRAZ. / SECT.	21,0 kg
100 mm	2,0 kg



3113

Mat = C45
Max T/m = 100
α = 60°

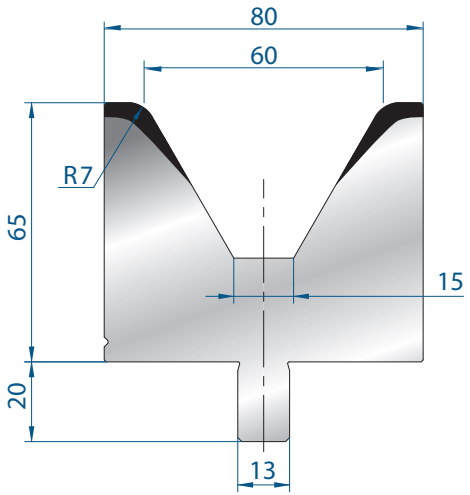
1000 mm	20,0 kg
500 mm	10,0 kg
1100 mm FRAZ. / SECT.	20,0 kg
100 mm	2,0 kg



3179

Mat = C45
Max T/m = 100
α = 60°

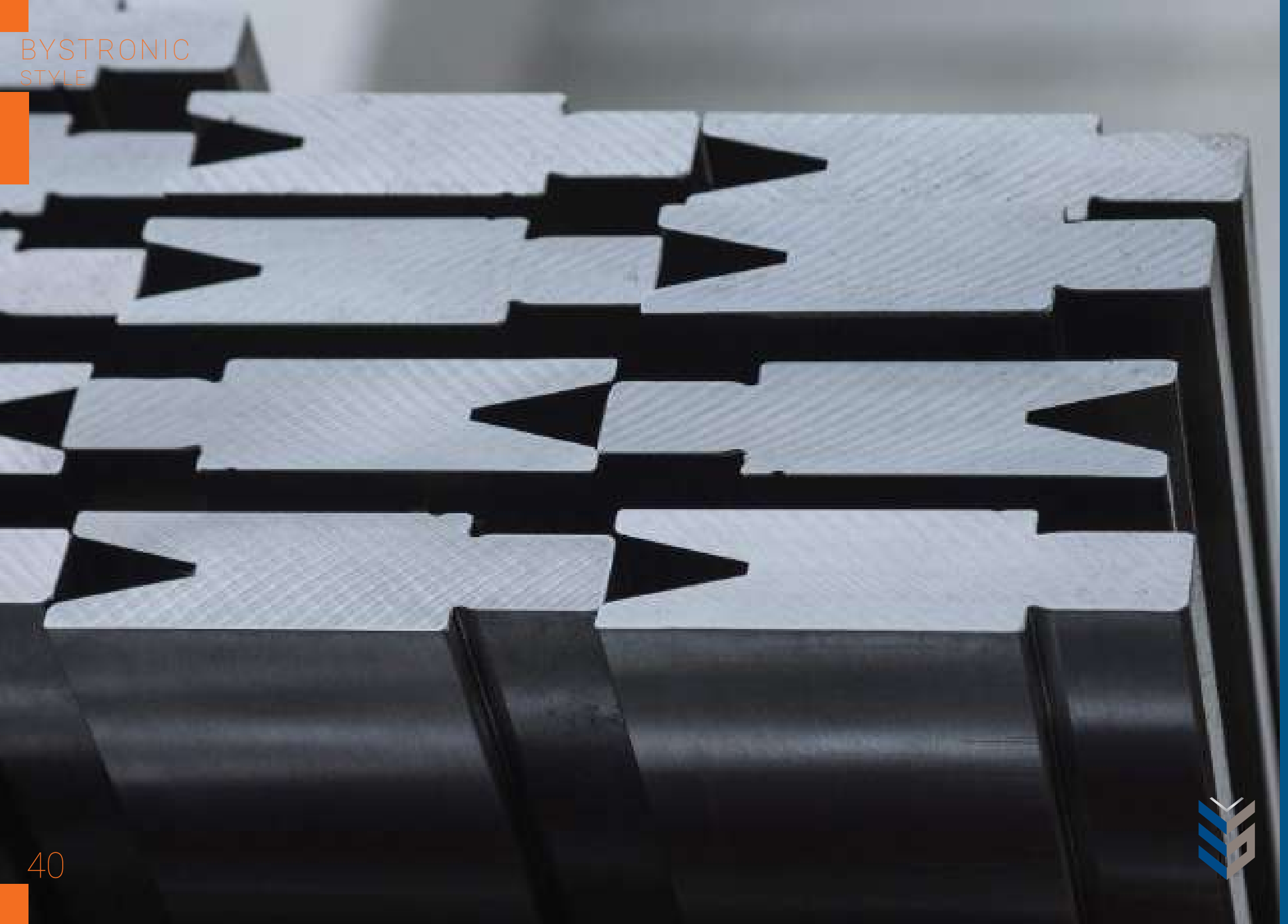
1000 mm	24,0 kg
500 mm	12,0 kg
1100 mm FRAZ. / SECT.	24,0 kg
100 mm	2,4 kg

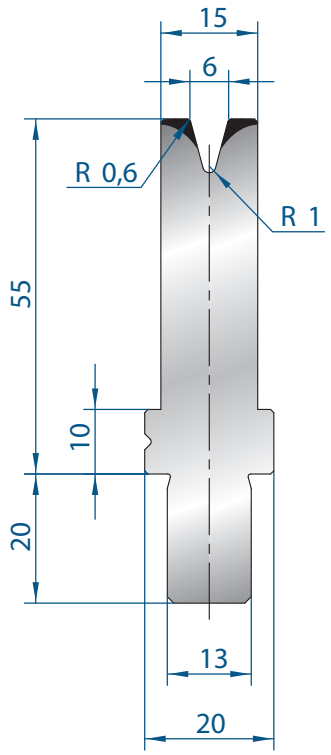


3114

Mat = C45
Max T/m = 100
α = 60°

1000 mm	31,0 kg
500 mm	15,0 kg
1100 mm FRAZ. / SECT.	31,0 kg
100 mm	3,0 kg

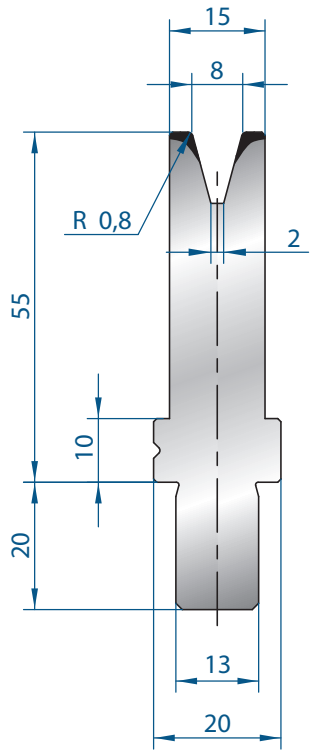




3115

Mat = C45
Max T/m = 35
α = 30°

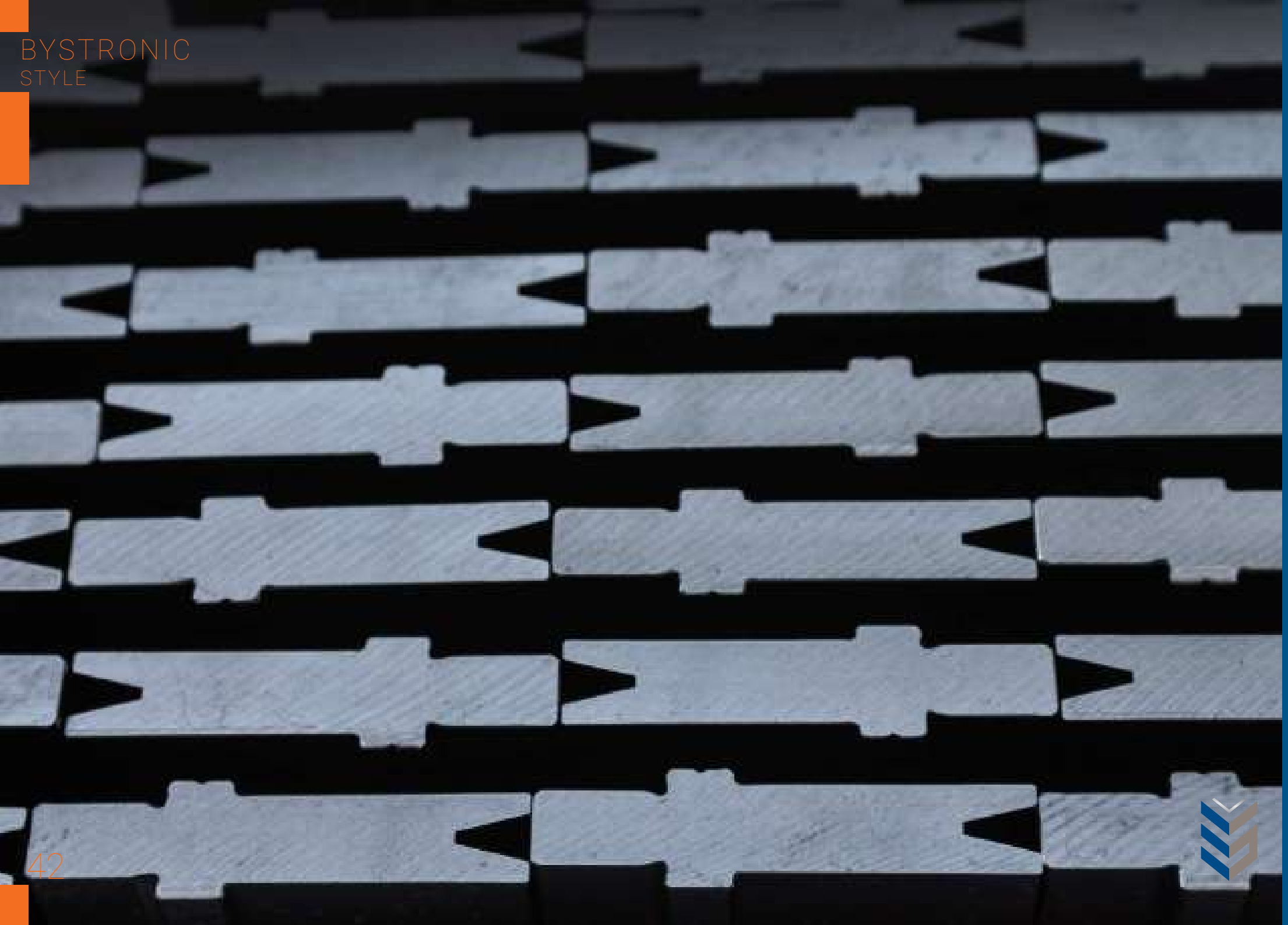
1000 mm	8,0 kg
500 mm	4,0 kg
1100 mm FRAZ. / SECT.	8,0 kg
100 mm	0,8 kg

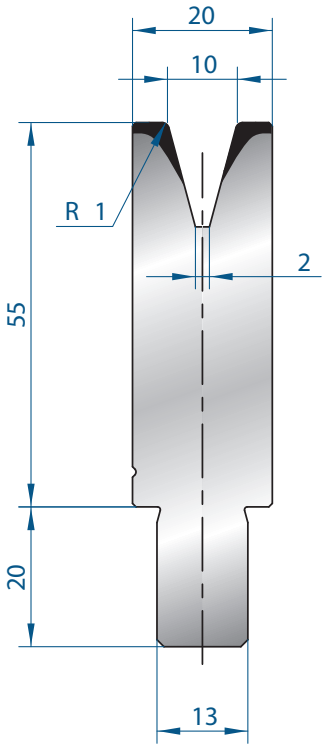


3116

Mat = C45
Max T/m = 40
α = 30°

1000 mm	8,0 kg
500 mm	4,0 kg
1100 mm FRAZ. / SECT.	8,0 kg
100 mm	0,8 kg

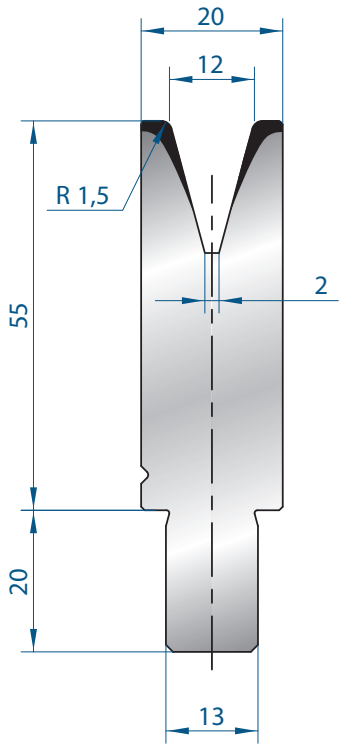




3117

Mat = C45
Max T/m = 50
α = 30°

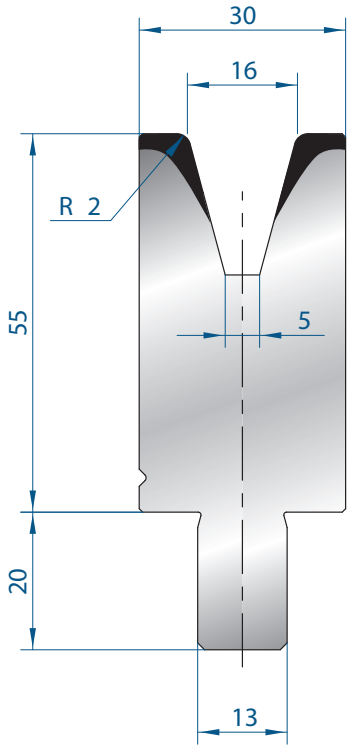
1000 mm	10,0 kg
500 mm	5,0 kg
1100 mm FRAZ. / SECT.	10,0 kg
100 mm	2,5 kg



3118

Mat = C45
Max T/m = 40
α = 30°

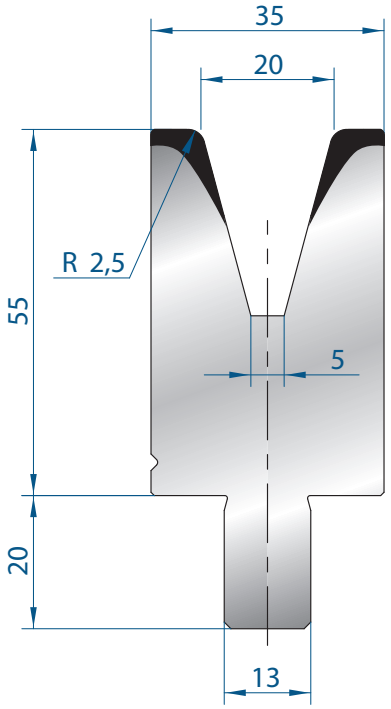
1000 mm	10,0 kg
500 mm	5,0 kg
1100 mm FRAZ. / SECT.	10,0 kg
100 mm	2,5 kg



3119

Mat = C45
Max T/m = 50
α = 30°

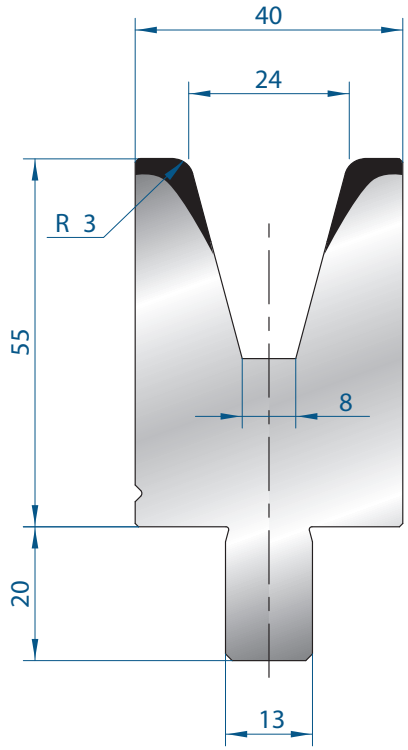
1000 mm	13,0 kg
500 mm	6,0 kg
1100 mm FRAZ. / SECT.	13,0 kg
100 mm	1,2 kg



3120

Mat = C45
Max T/m = 55
α = 30°

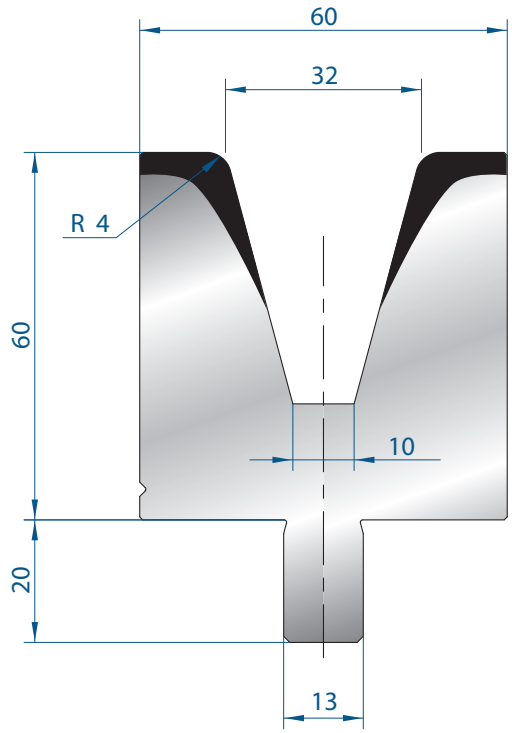
1000 mm	14,0 kg
500 mm	7,0 kg
1100 mm FRAZ. / SECT.	14,0 kg
100 mm	1,4 kg



3121

Mat = C45
Max T/m = 65
α = 30°

1000 mm	15,0 kg
500 mm	7,0 kg
1100 mm FRAZ. / SECT.	15,0 kg
100 mm	1,4 kg



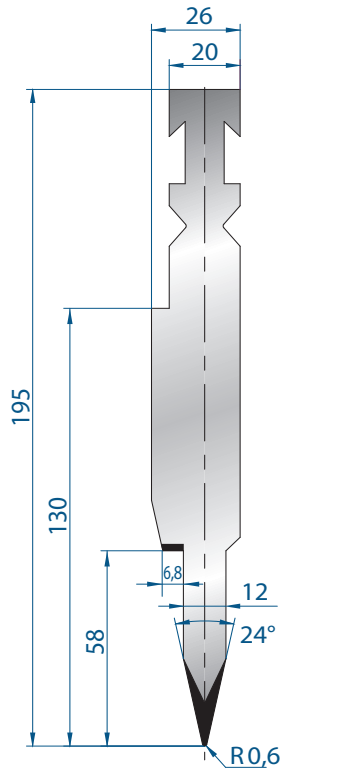
3122

Mat = C45
Max T/m = 65
α = 30°

1000 mm	23,0 kg
500 mm	11,0 kg
1100 mm FRAZ. / SECT.	23,0 kg
100 mm	2,2 kg


WÜRTH

500-550 **Frazionato (Bonificato) /** Sectioned (Quenched)

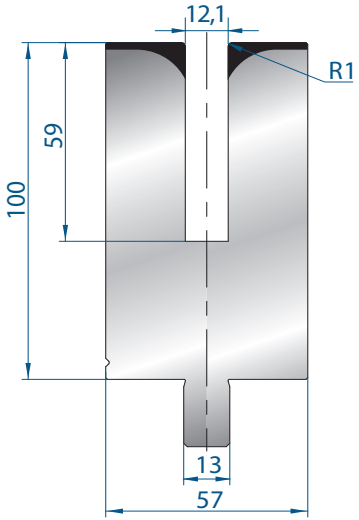


1254

Mat = C45
bonificato / tempered
Max T/m = 80

500 mm	14,0 kg
1100 mm FRAZ. / SECT.	14,0 kg
100 mm	2,8 kg

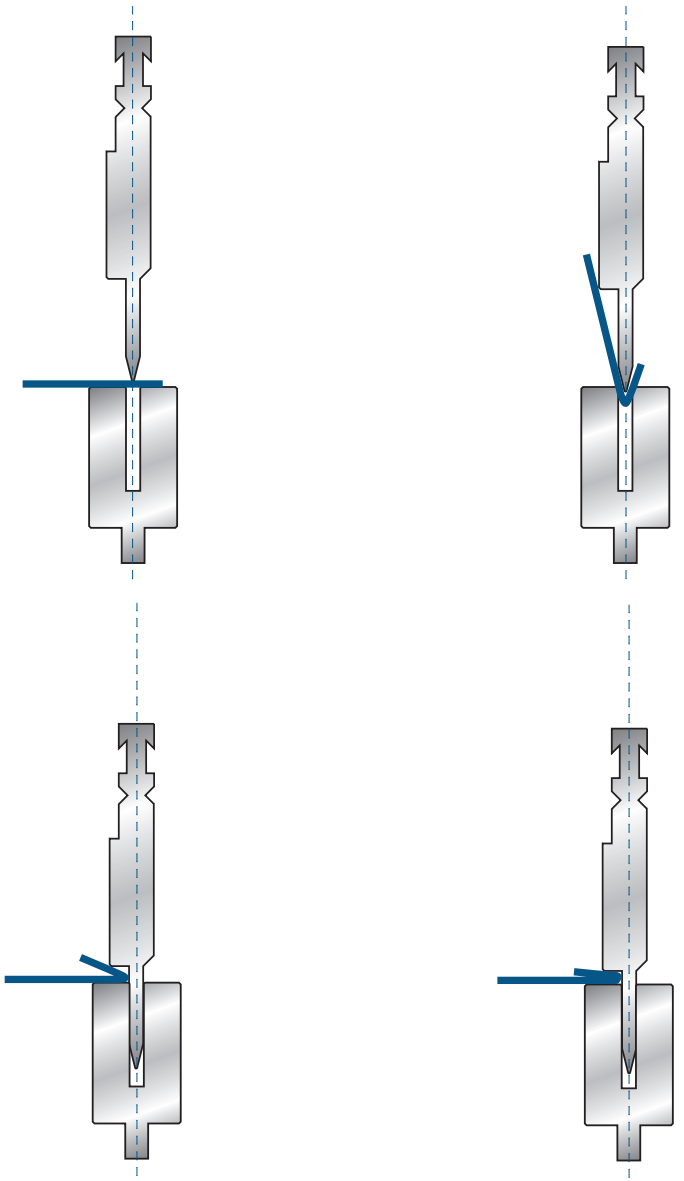
Spessore:
Max 1,5 mm Ferro
Thickness
Max 1,5 mm Mild steel



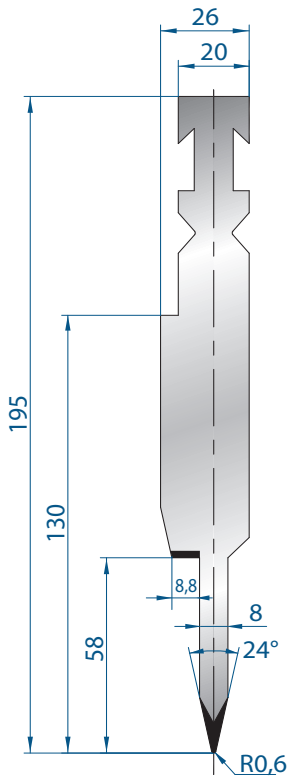
3175

Mat = C45
bonificato / tempered
Max T/m = 50

500 mm	20,0 kg
550 mm FRAZ. / SECT.	20,0 kg
100 mm	4,0 kg



500-550 Frazionato (Bonificato) / Sectioned (Quenched)

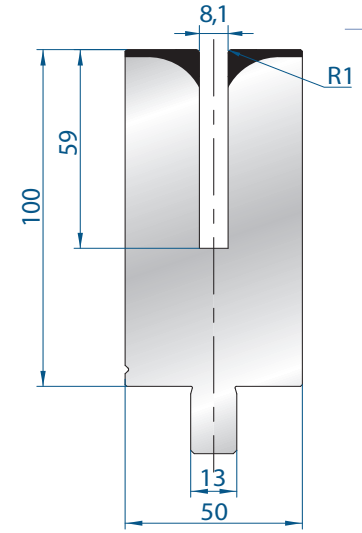


1252

Mat = C45
bonificato / tempered
Max T/m = 80

500 mm	13,0 kg
1100 mm FRAZ. / SECT.	13,0 kg
100 mm	2,6 kg

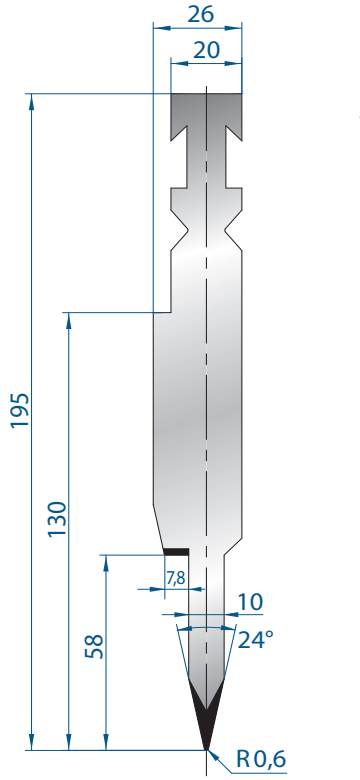
Spessore:
Max 1,2 mm Ferro
Thickness
Max 1,2 mm Mild steel



3157

Mat = C45
bonificato / tempered
Max T/m = 50

500 mm	21,0 kg
550 mm FRAZ. / SECT.	21,0 kg
100 mm	4,2 kg

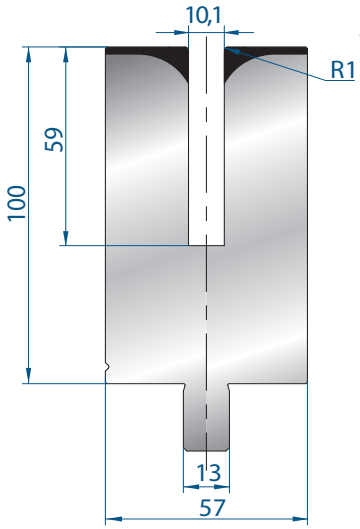


1253

Mat = C45
bonificato / tempered
Max T/m = 80

500 mm	13,0 kg
1100 mm FRAZ. / SECT.	13,0 kg
100 mm	2,6 kg

Spessore:
Max 1,5 mm Ferro
Thickness
Max 1,5 mm Mild steel



3174

Mat = C45
bonificato / tempered
Max T/m = 50

500 mm	20,0 kg
550 mm FRAZ. / SECT.	20,0 kg
100 mm	4,0 kg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