

SENFENG

BENDING SOLUTIONS
折弯方案

Provide Global Customers with
Metal Forming Automation Solutions



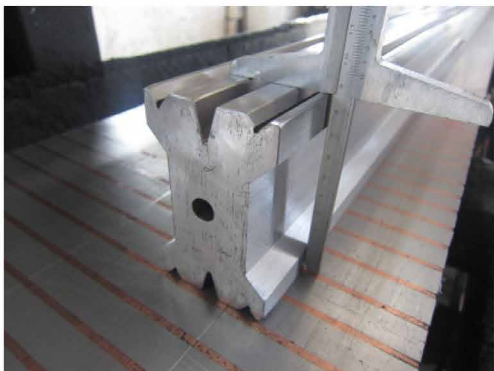
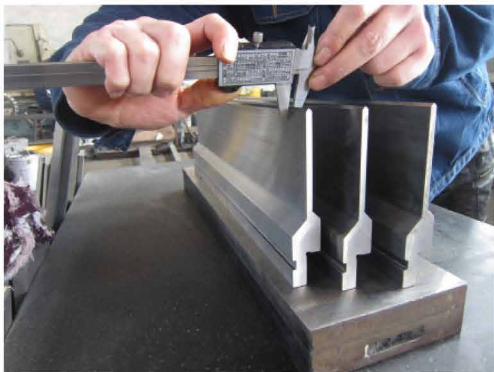
About Us

Since the establishment of SENFENG, we have been committed to the R&D and innovation of laser technology. We're a leading manufacturer specializing in the field of laser cutting, laser welding, laser cleaning, laser cladding, industrial 3D robot, bending, milling, etc.

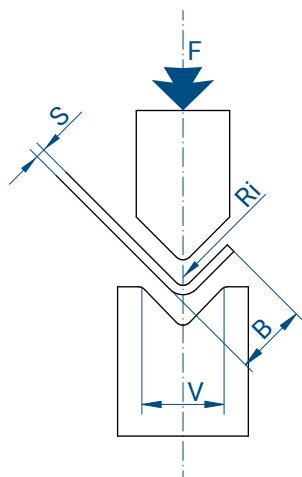
In order to achieve global local services more efficiently, we have established 3 subsidiaries in the USA, Germany and UAE, and 4 service centers in India, Pakistan, Vietnam and Jordan.

After years of persistent probe in the field of laser technology, we are equipped with a great pool of core tech to drive automation process of modern machinery industry.





CALCOLO DELLA FORZA DI PIEGA IN ARIA AIR BENDING FORCE CALCULATION



S Spessore lamiera - mm
Sheet metal thickness - mm

V Larghezza del V
V-opening

F Forza in T/m
Force in T/m

B Bordo minimo
Shortest edge

Ri Raggio interno
Inside radius

R Alluminio 20-25 kg/mm²
Aluminium 20-25 kg/mm²

R Acciaio dolce 40-45 kg/mm²
Mild steel 40-45 kg/mm²

R Inox 65-70 kg/mm²
Stainless steel 65-70 kg/mm²

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

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

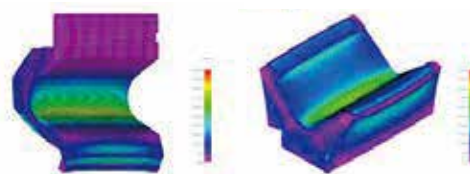


TABELLA DI PIEGATURA IN ARIA - ACCIAIO DOLCE AIR BENDING TABLE - MILD STEEL

S		mm	0,5	0,6	0,8	1	1,2	1,5	2	2,5	3	4	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

t/m

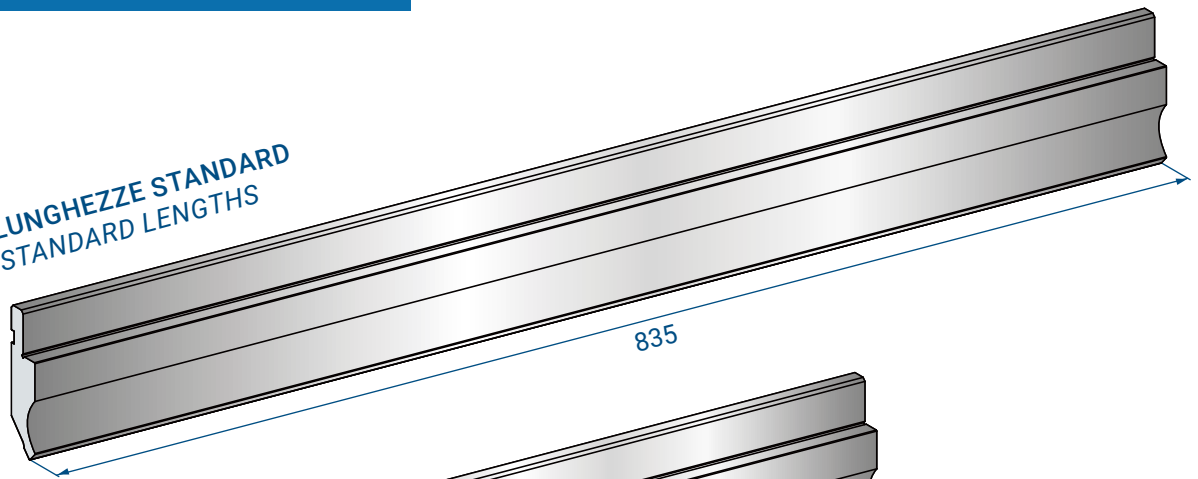
TABELLA DI PIEGATURA IN ARIA - ACCIAIO INOX AIR BENDING TABLE - STAINLESS STEEL

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																		
8	5,5	1,3																		
10	7	1,6																		
12	8,5	2																		
16	11	2,6																		
20	14	3,3																		
25	17,5	4																		
32	22	5																		
40	28	6,5																		
50	35	8																		
63	45	10																		
80	55	13																		
100	71	16																		
125	89	20																		
160	113	26																		
200	140	33																		
250	175	41																		
320	226	53																		
V	B	Ri																		F

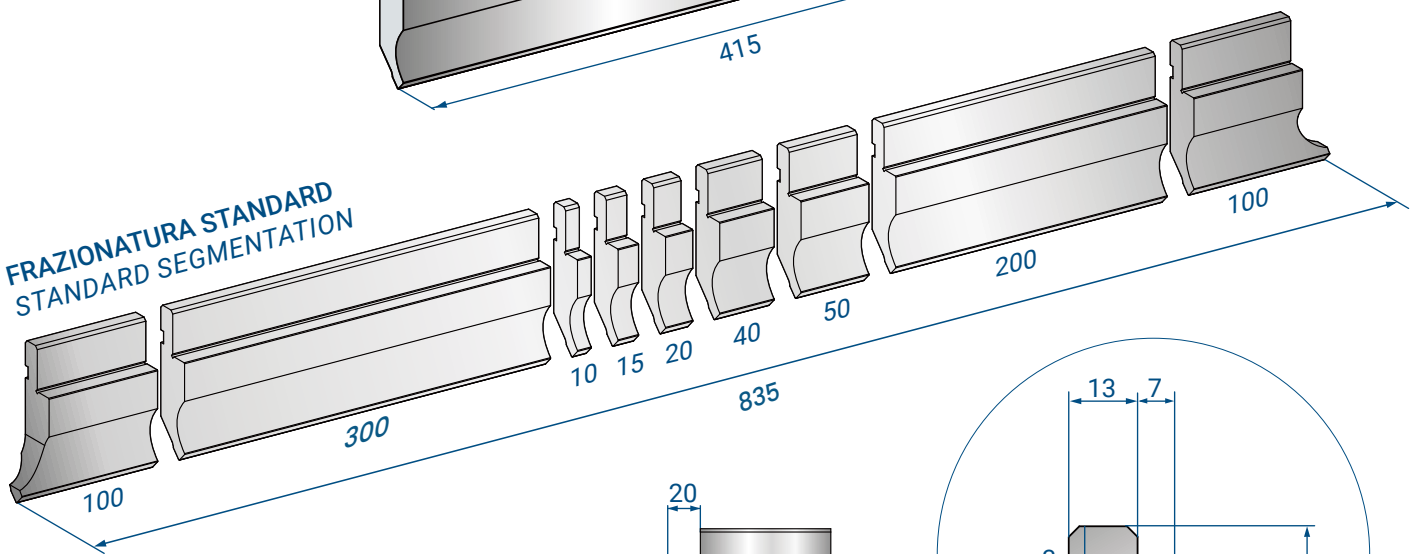
t/m



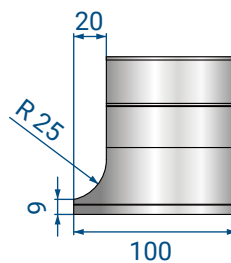
LUNGHEZZE STANDARD
STANDARD LENGTHS



FRAZIONATURA STANDARD
STANDARD SEGMENTATION

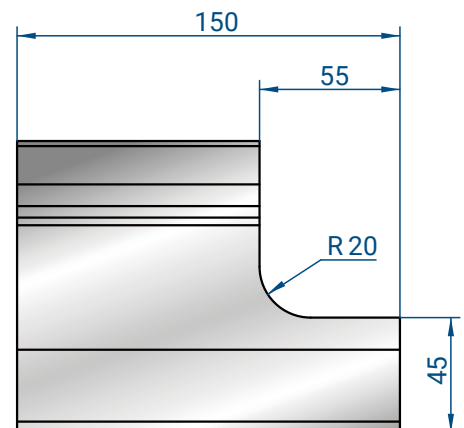
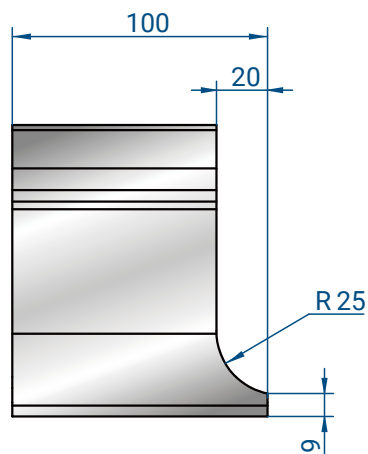


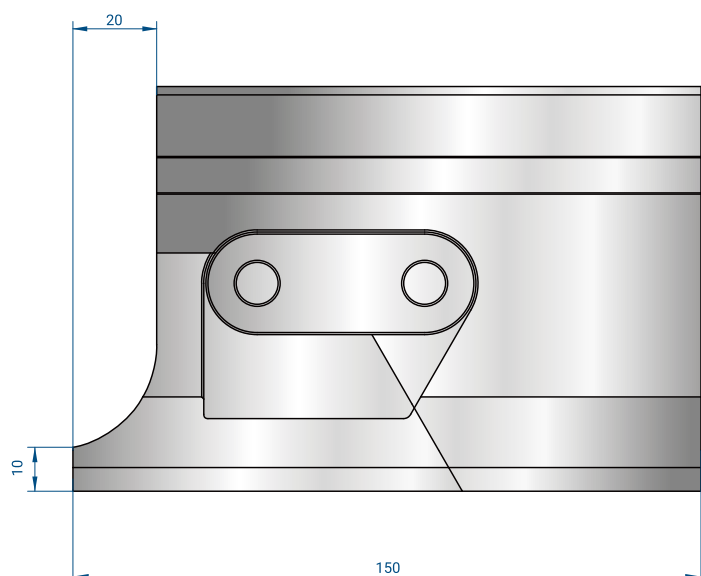
SCARPETTA STANDARD
STANDARD HORN



MODIFICHE A RICHIESTA / MODIFICATIONS ON REQUEST

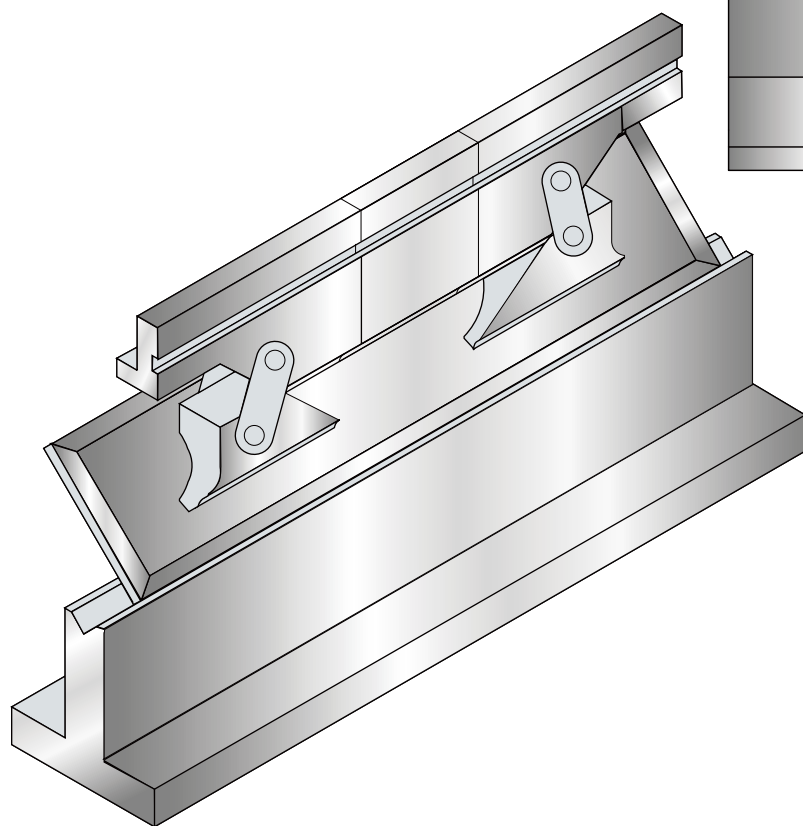
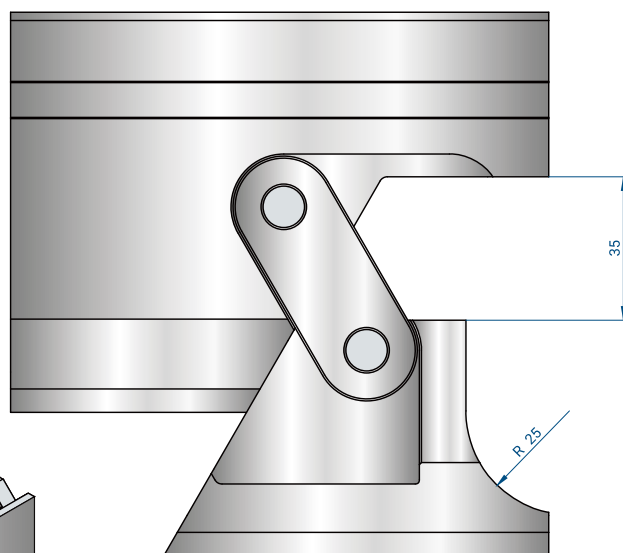
SCARPETTE SPECIALI
SPECIAL HORNS





PUNZONE
PUNCH

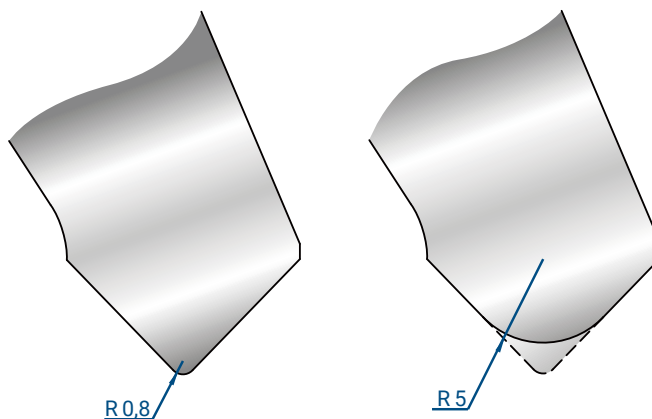
SCARPETTE MOBILI
MOVING HORNS

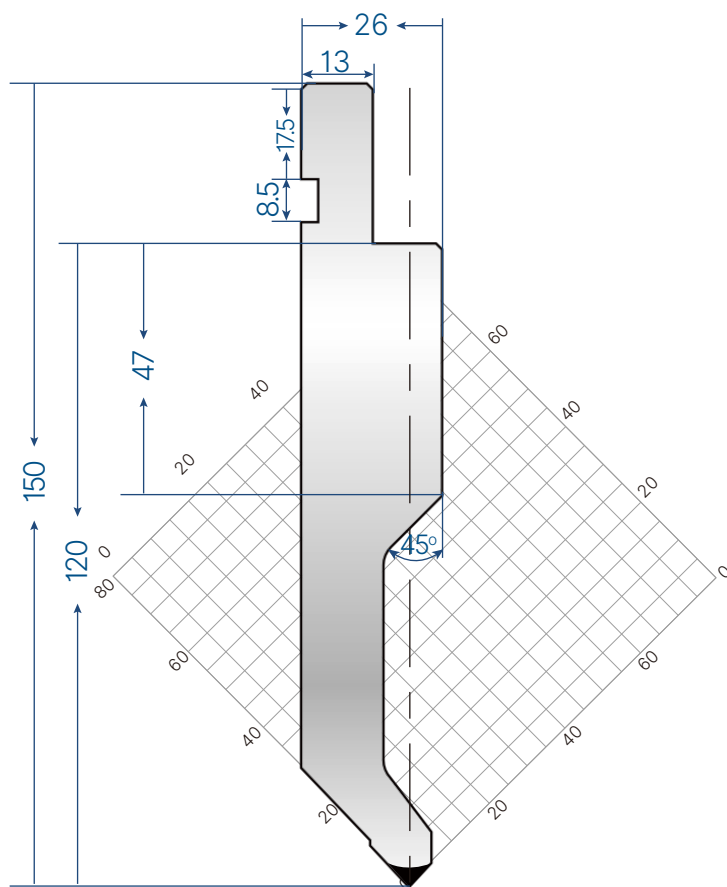


TAGLI A RICHIESTA
SPECIAL SEGMENTATION



MODIFICA RAGGIO
RADIUS MODIFICATION

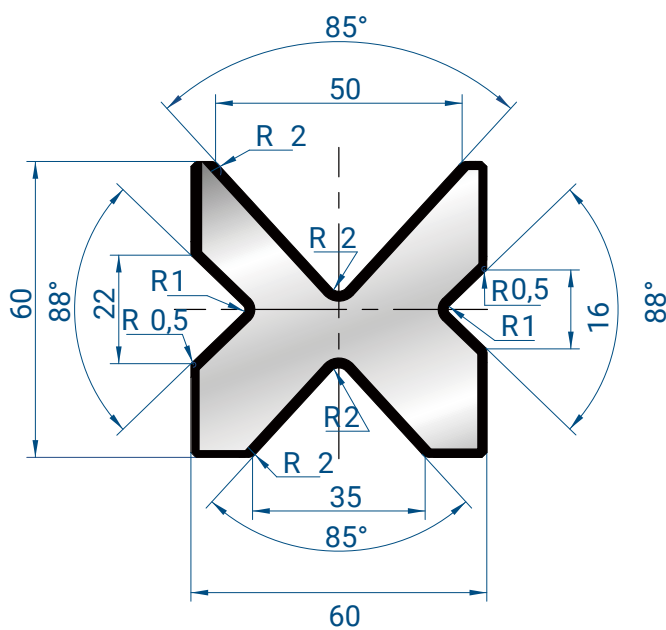




001

835mm	17,0 kg
415mm	8,0 kg
805mm FRAZ./SECT.	16,0 kg

Mat = C45

$$H = 150$$
$$\text{MaxT}/m = 70$$
$$\alpha = 86^\circ$$
 $R = 0.3$ 

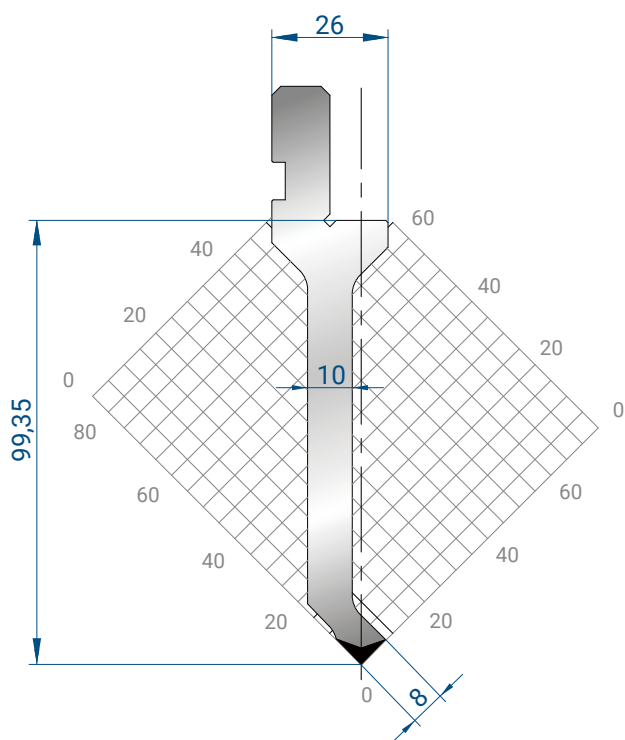
046

835 mm	16,0 kg
415 mm	8,0 kg
805 mm FRAZ. / SECT.	16,0 kg

Mat = C45

Max T/m = 80

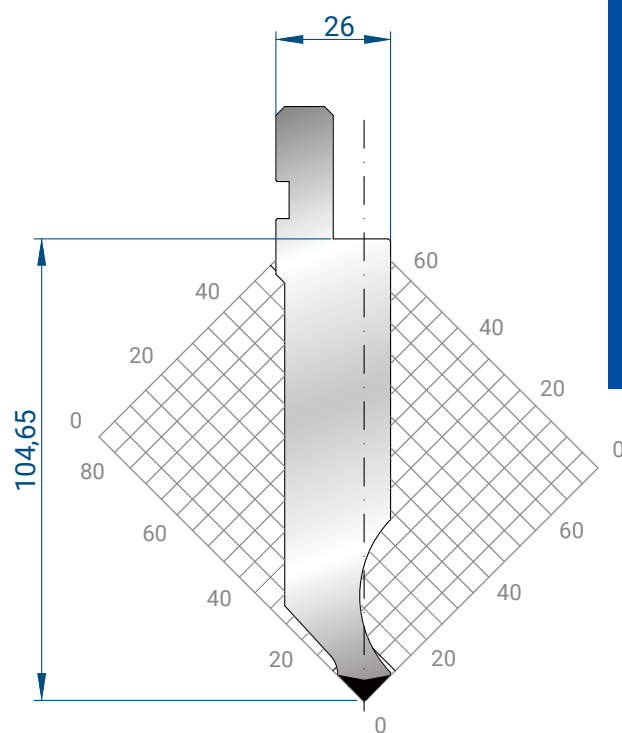
 $\alpha = 85^\circ - 88^\circ$



002

Mat = C45
H = 99.35
Max T/m = 50
 $\alpha = 88^\circ$
R = 0.25

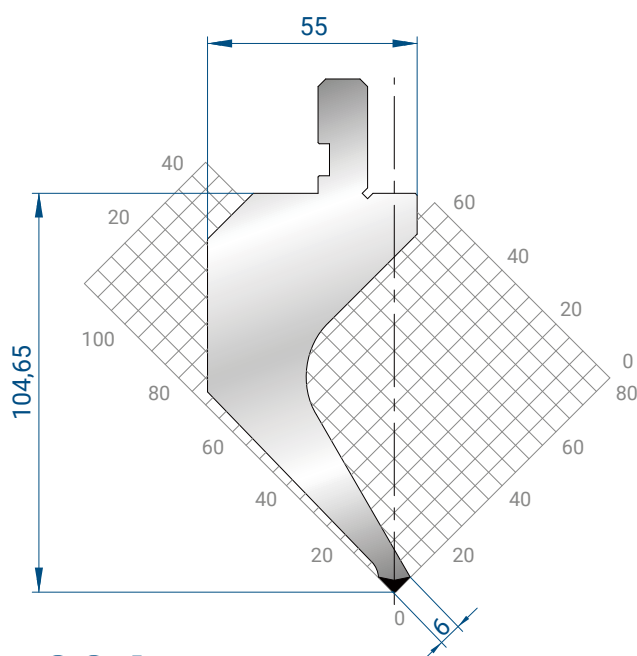
835 mm	9,0 kg
415 mm	4,0 kg
805 mm	9,0 kg
FRAZ. / SECT.	



003

Mat = C45
H = 104.65
Max T/m = 100
 $\alpha = 88^\circ$
R = 0.8

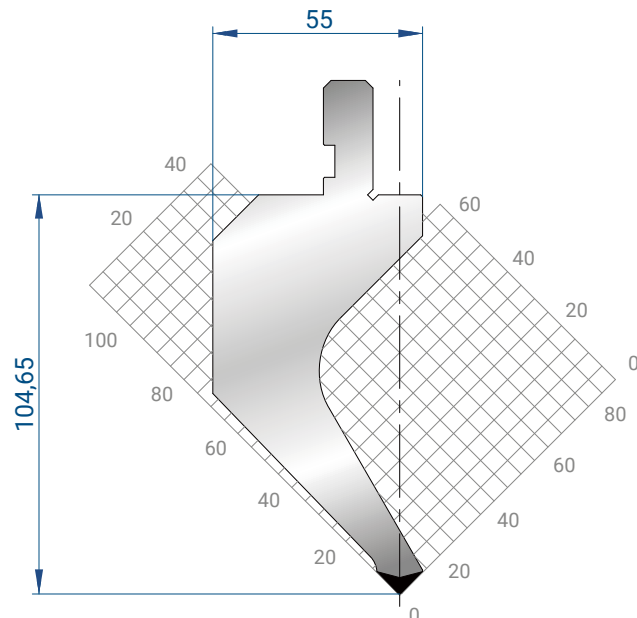
835 mm	17,0 kg
415 mm	9,0 kg
805 mm	17,0 kg
FRAZ. / SECT.	



004

Mat = C45
 bonificato / tempered
H = 104.65
Max T/m = 50
 $\alpha = 88^\circ$
R = 0.8

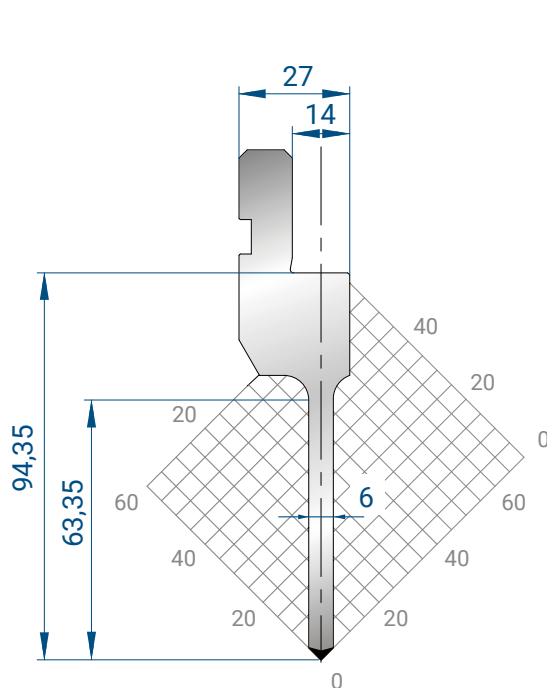
835 mm	23,0 kg
415 mm	11,0 kg
805 mm	23,0 kg
FRAZ. / SECT.	



005

Mat = C45
H = 104.65
Max T/m = 50
 $\alpha = 88^\circ$
R = 0.8

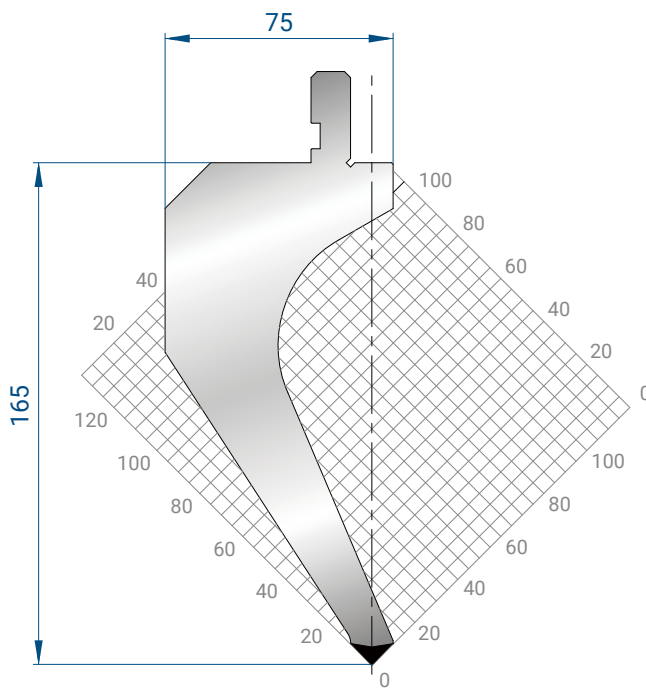
835 mm	23,0 kg
415 mm	11,0 kg
805 mm	23,0 kg
FRAZ. / SECT.	



006

Mat = C45
 bonificato/ *tempered*
H = 94.35
Max T/m = 50
 α = 88°
R = 0.25

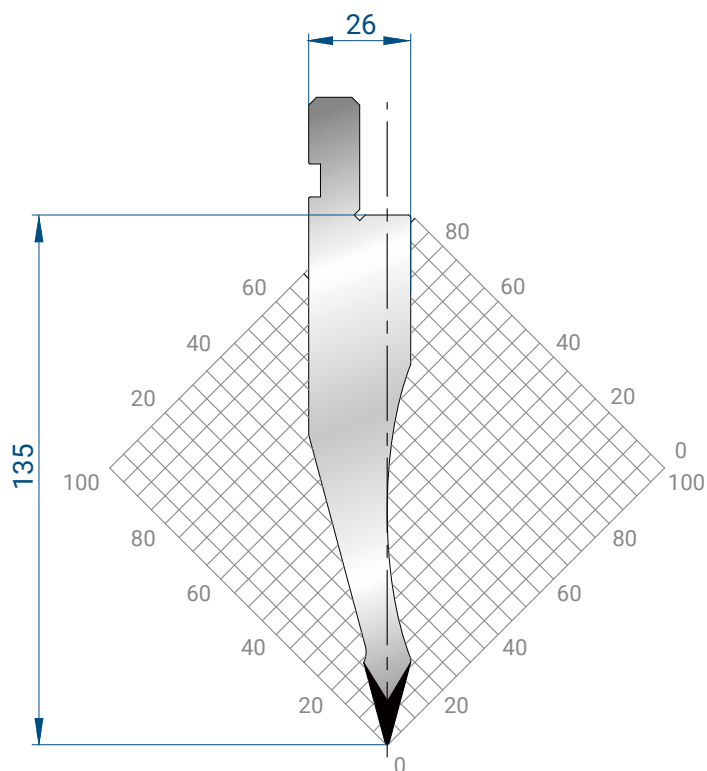
835 mm	8,0 kg
415 mm	4,0 kg
805 mm	8,0 kg
FRAZ. / SECT.	



007

Mat = C45
H = 165
Max T/m = 60
 α = 88°
R = 0.8

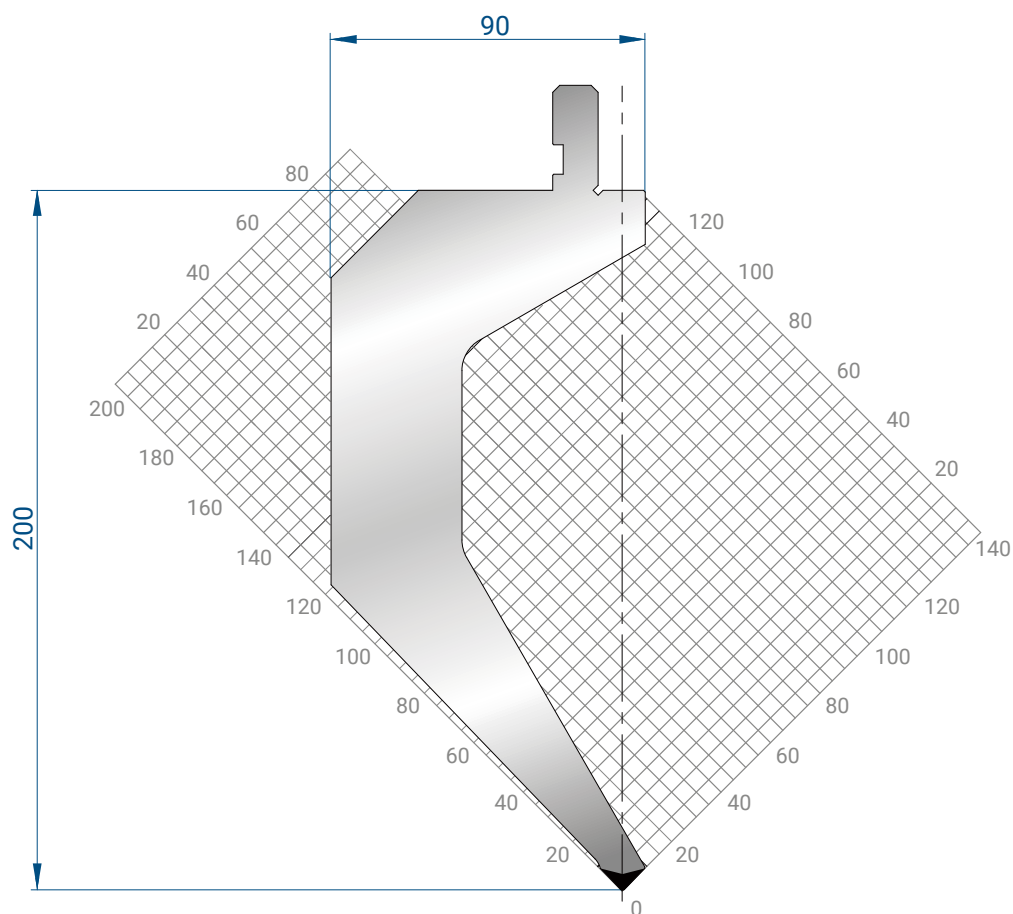
835 mm	41,0 kg
415 mm	20,0 kg
805 mm	41,0 kg
FRAZ. / SECT.	



008

Mat = C45
H = 135.00
Max T/m = 50
 α = 30°
R = 0.5

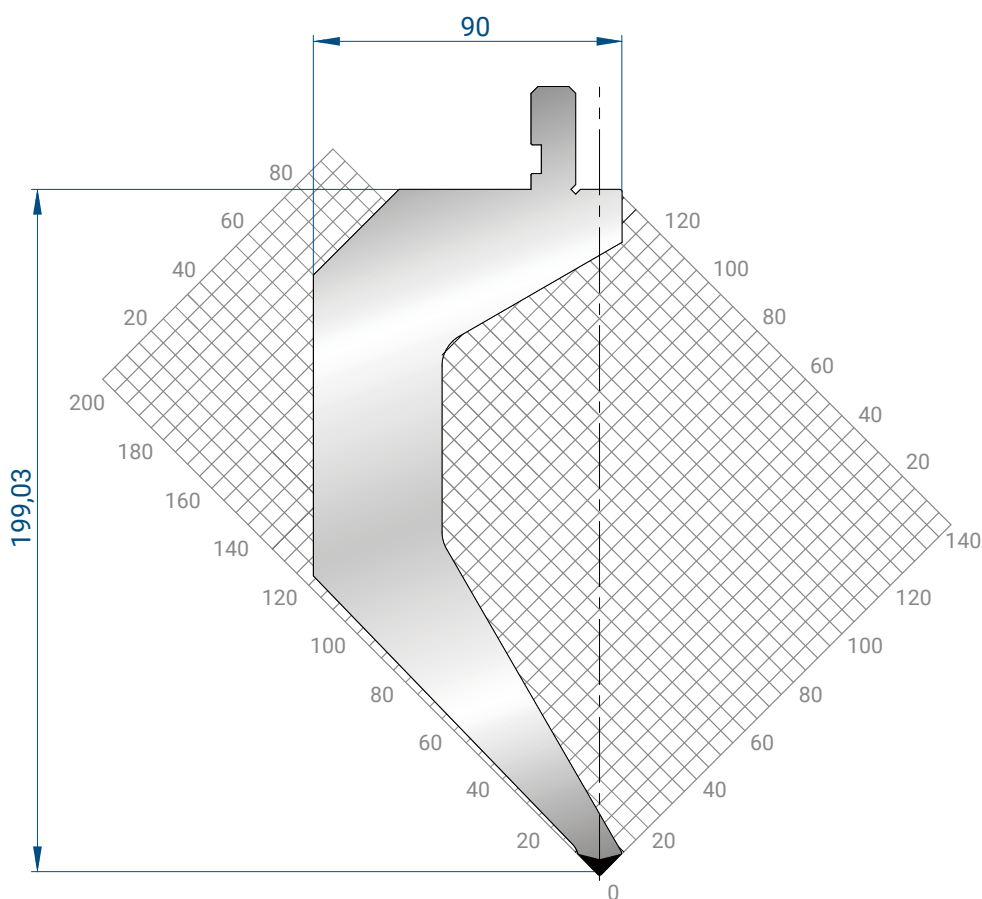
835 mm	19,0 kg
415 mm	9,0 kg
805 mm	19,0 kg
FRAZ. / SECT.	



009

Mat = C45
 bonificato / *tempered*
H = 200
Max T/m = 85
 $\alpha = 88^\circ$
R = 0.8

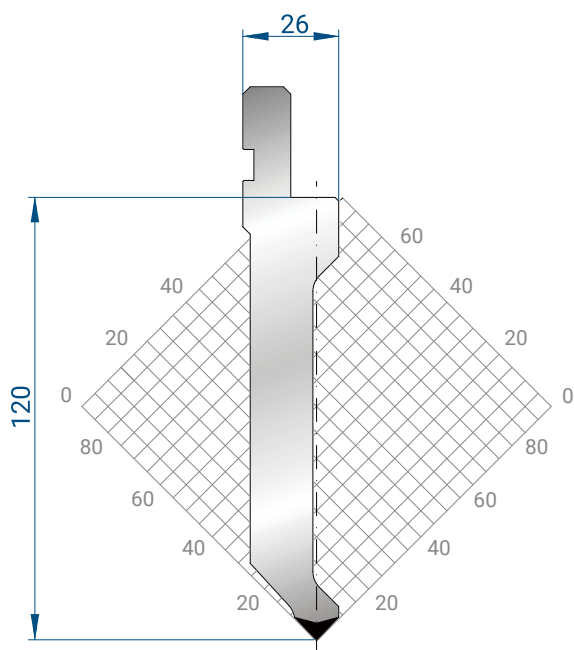
505 mm	32,5 kg
805 mm	54,0 kg
FRAZ. / SECT.	



010

Mat = C45
 bonificato / *tempered*
H = 199.03
Max T/m = 85
 $\alpha = 88^\circ$
R = 3

505 mm	32,5 kg
805 mm	54,0 kg
FRAZ. / SECT.	


011
Mat = C45

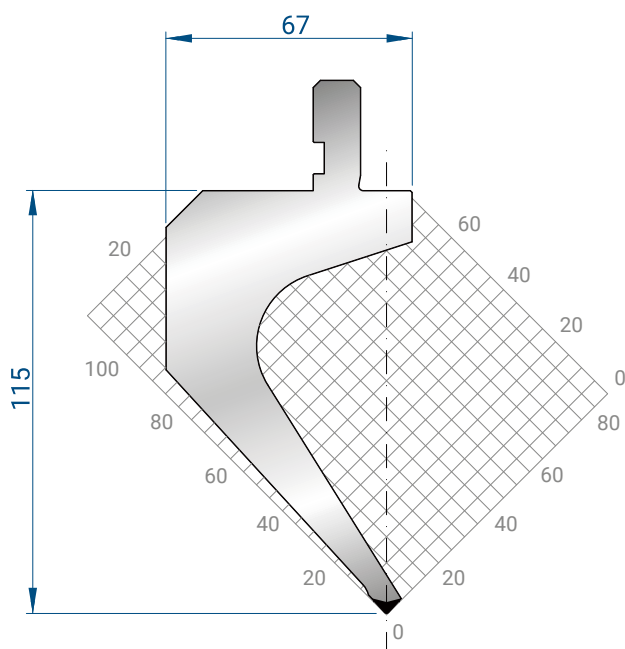
H = 120.00

Max T/m = 70

 α = 85°

R = 0.8

835 mm	15,9 kg
415 mm	8,0 kg
805 mm	15,9 kg
FRAZ. / SECT.	


012
Mat = 42CrMo4

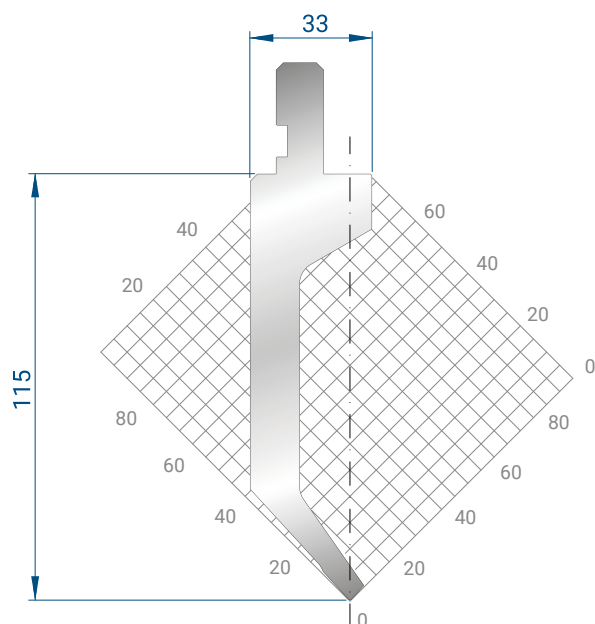
 bonificato / *tempered*
H = 115.00

Max T/m = 35

 α = 85°

R = 0.8

835 mm	23,0 kg
415 mm	11,5 kg
805 mm	23,0 kg
FRAZ. / SECT.	


013
Mat = 42CrMo4

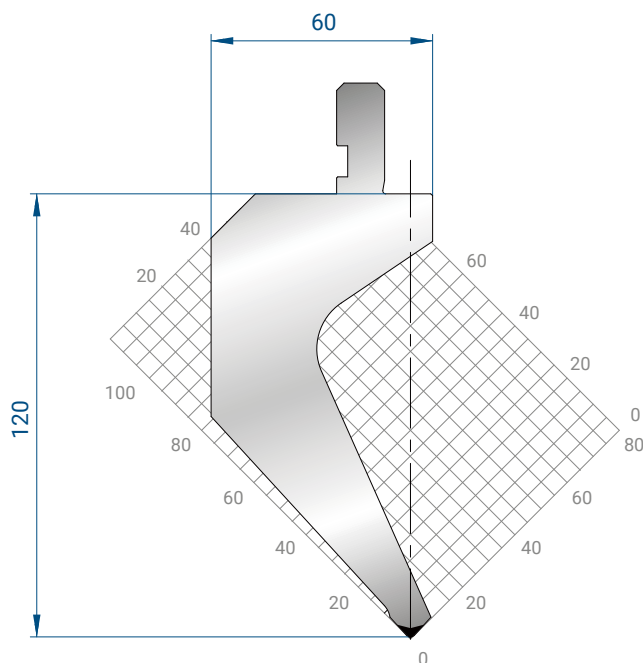
 bonificato / *tempered*
H = 115.00

Max T/m = 20

 α = 85°

R = 0.6

835 mm	14,5 kg
415 mm	7,2 kg
805 mm	14,5 kg
FRAZ. / SECT.	


014
Mat = 42CrMo4

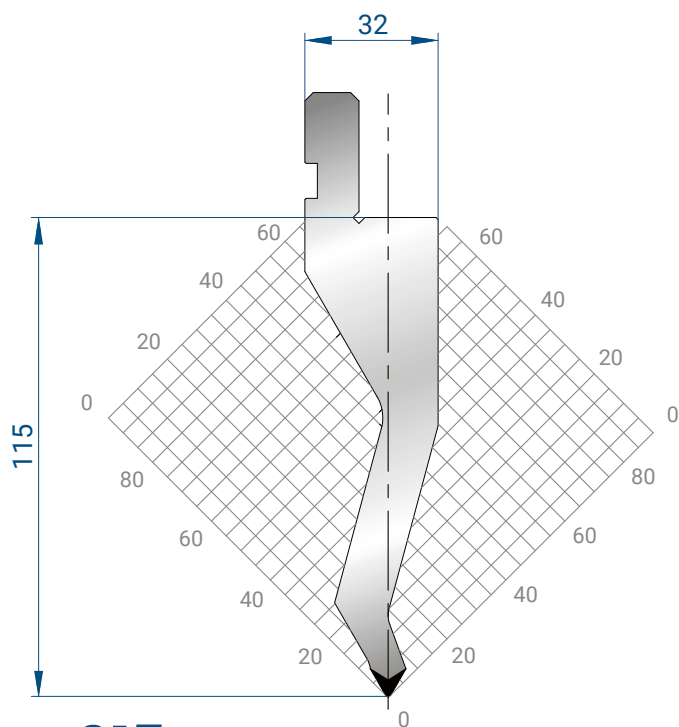
 bonificato / *tempered*
H = 120.00

Max T/m = 100

 α = 85°

R = 1.5

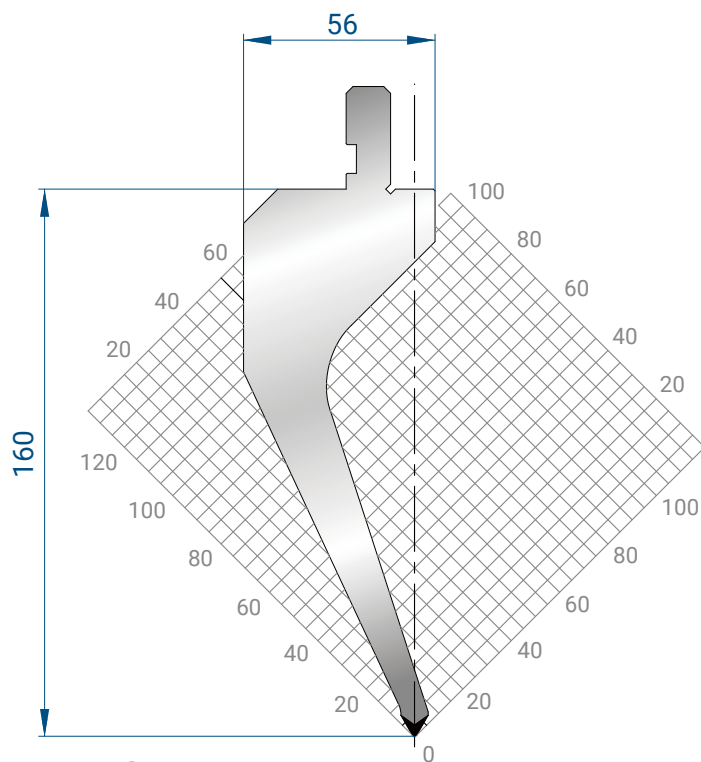
835 mm	26,7 kg
415 mm	13,3 kg
805 mm	26,7 kg
FRAZ. / SECT.	



015

Mat = C45
H = 115.00
Max T/m = 60
 $\alpha = 60^\circ$
R = 0.8

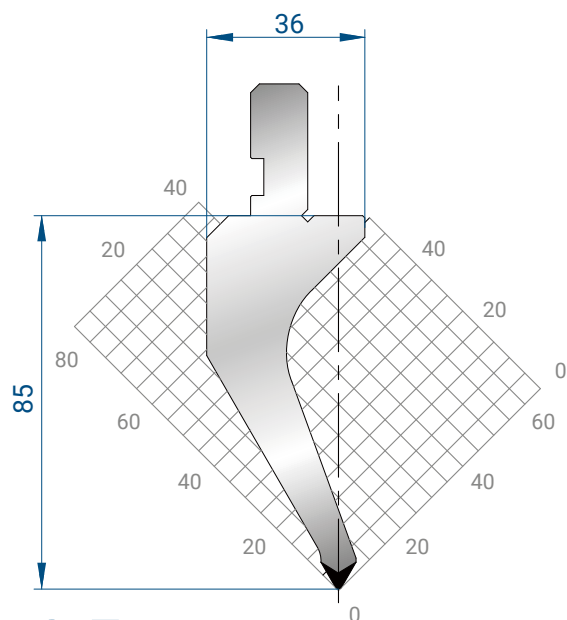
835 mm	15,0 kg
415 mm	7,0 kg
805 mm	15,0 kg
FRAZ. / SECT.	



016

Mat = C45
 bonificato / *tempered*
H = 160.00
Max T/m = 40
 $\alpha = 60^\circ$
R = 0.8

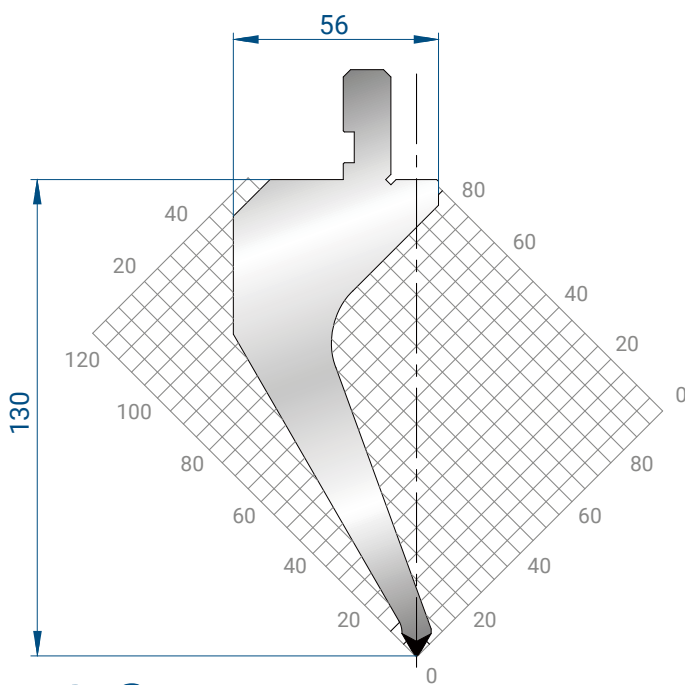
835 mm	27,0 kg
415 mm	13,5 kg
805 mm	27,0 kg
FRAZ. / SECT.	



017

Mat = 42CrMo4
 bonificato / *tempered*
H = 85.00
Max T/m = 40
 $\alpha = 60^\circ$
R = 0.8

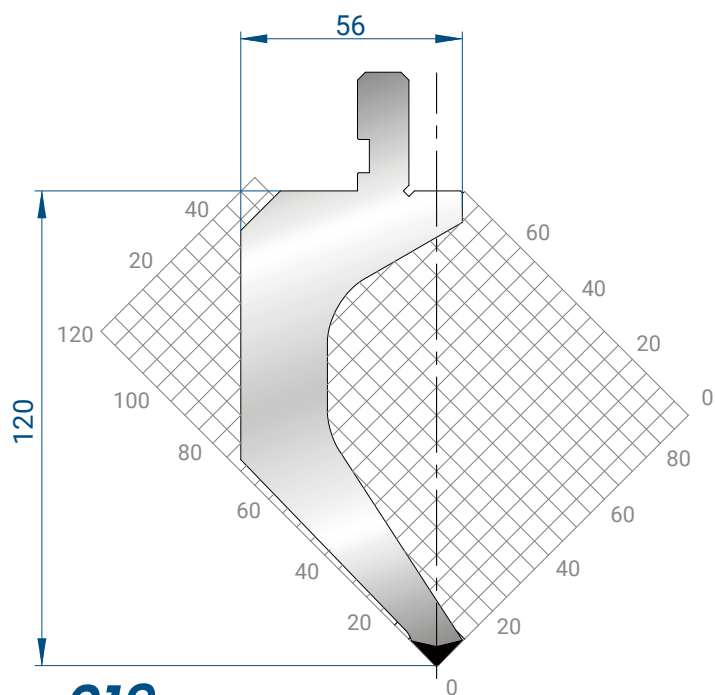
835 mm	12,0 kg
415 mm	6,0 kg
805 mm	12,0 kg
FRAZ. / SECT.	



018

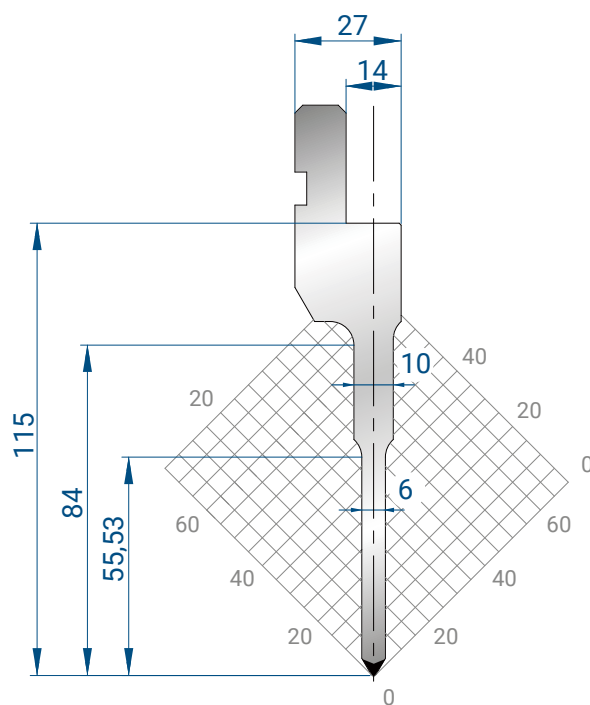
Mat = C45
 bonificato / *tempered*
H = 130.00
Max T/m = 40
 $\alpha = 60^\circ$
R = 0.8

835 mm	23,0 kg
415 mm	11,0 kg
805 mm	23,0 kg
FRAZ. / SECT.	


019

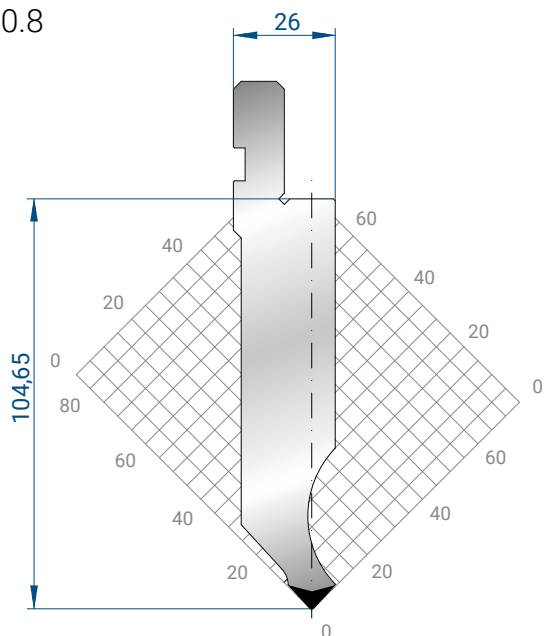
Mat = C45
bonificato / tempered
H = 120
Max T/m = 50
 α = 88°
R = 0.8

835 mm	24,0 kg
415 mm	12,0 kg
805 mm	24,0 kg
FRAZ. / SECT.	


020

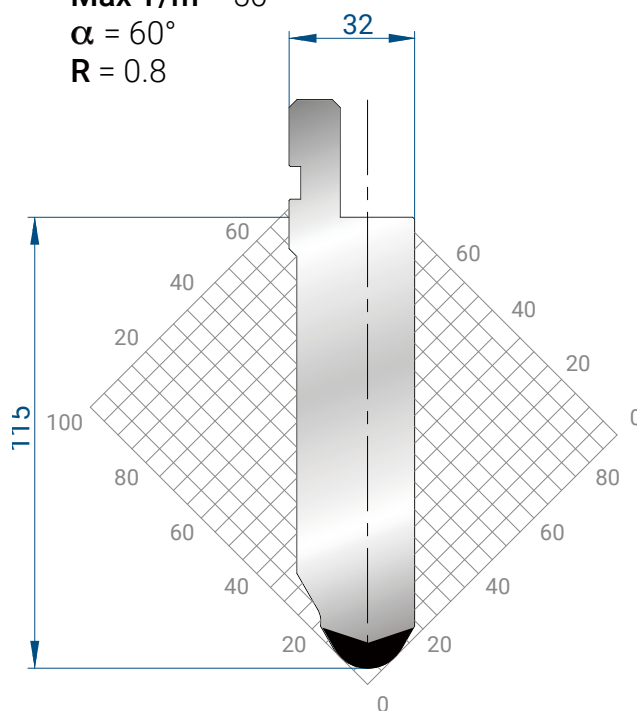
Mat = C45
bonificato / tempered
H = 115.00
Max T/m = 50
 α = 60°
R = 0.8

835 mm	9,0 kg
415 mm	4,0 kg
805 mm	9,0 kg
FRAZ. / SECT.	


021

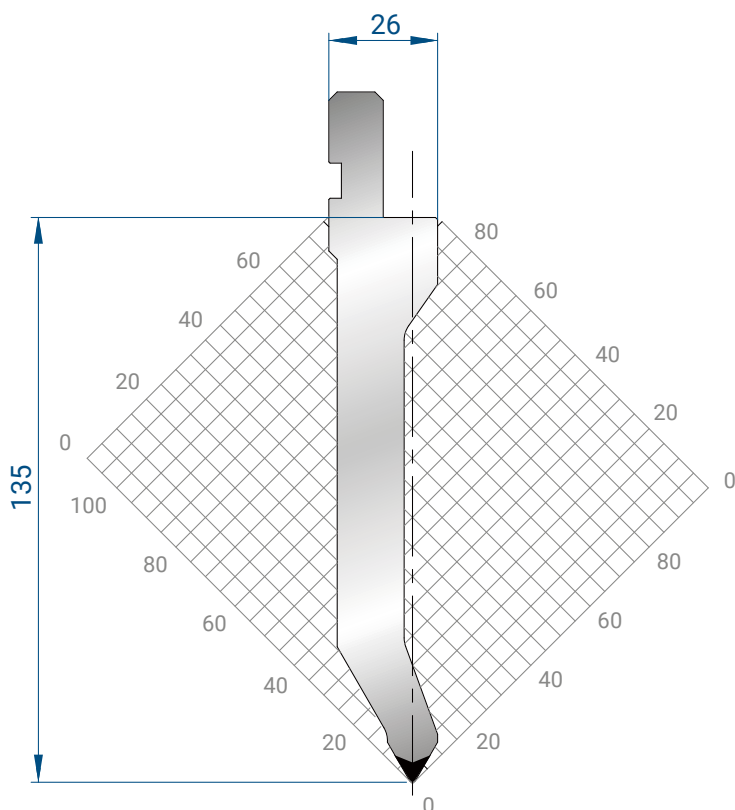
Mat = C45
H = 104.65
Max T/m = 100
 α = 85°
R = 0.8

835 mm	17,0 kg
415 mm	9,0 kg
805 mm	17,0 kg
FRAZ. / SECT.	


022

Mat = C45
H = 115.00
Max T/m = 150
 α = 60°
R = 10

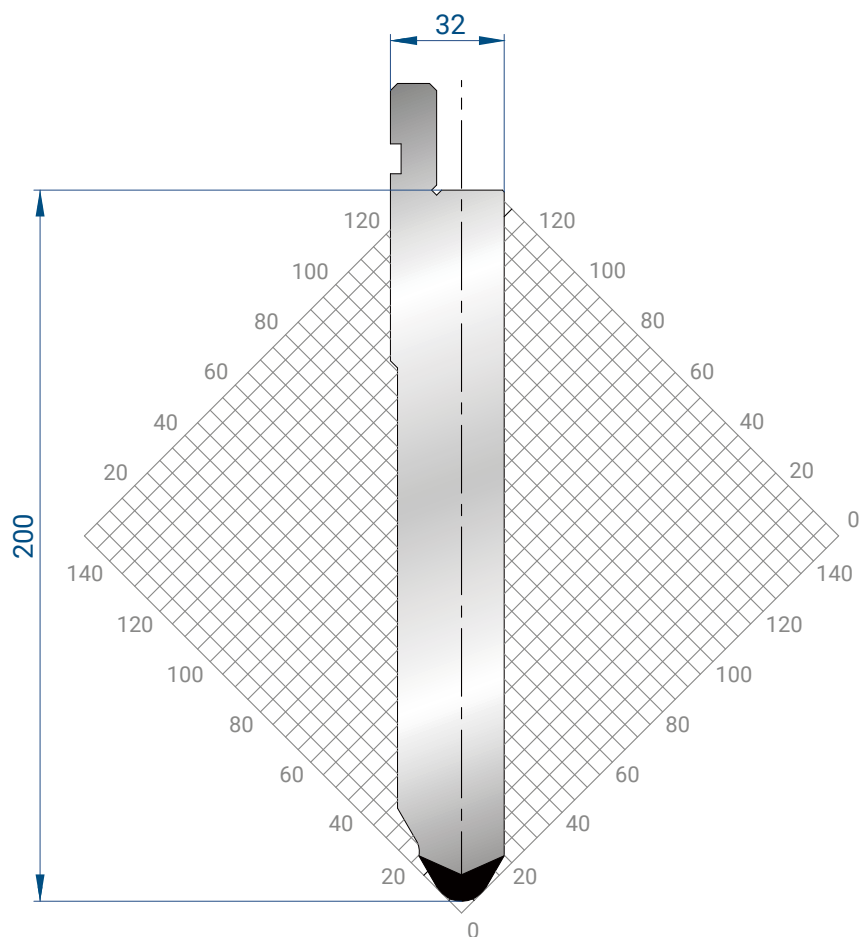
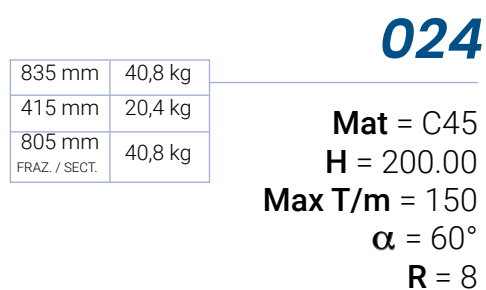
835 mm	25,0 kg
415 mm	12,0 kg
805 mm	25,0 kg
FRAZ. / SECT.	

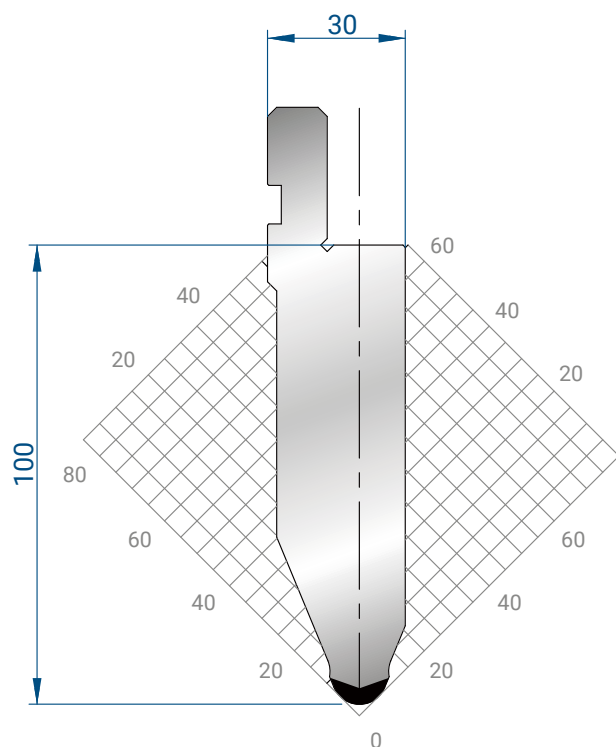


023

Mat = C45
H = 135.00
Max T/m = 70
 α = 60°
R = 0.8

835 mm	19,0 kg
415 mm	9,0 kg
805 mm	19,0 kg
FRAZ. / SECT.	

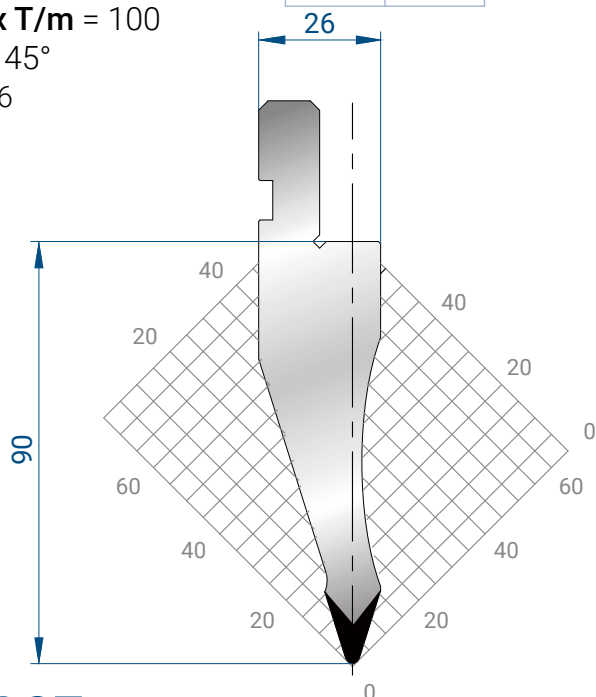




025

Mat = C45
H = 100.00
Max T/m = 100
 $\alpha = 45^\circ$
R = 6

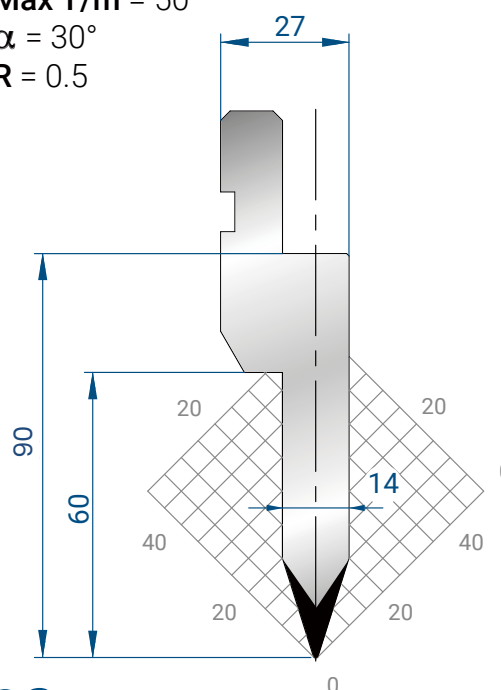
835 mm	19,0 kg
415 mm	9,0 kg
805 mm FRAZ. / SECT.	19,0 kg



026

Mat = C45
H = 105.00
Max T/m = 50
 $\alpha = 30^\circ$
R = 0.5

835 mm	15,0 kg
415 mm	7,0 kg
805 mm FRAZ. / SECT.	15,0 kg



027

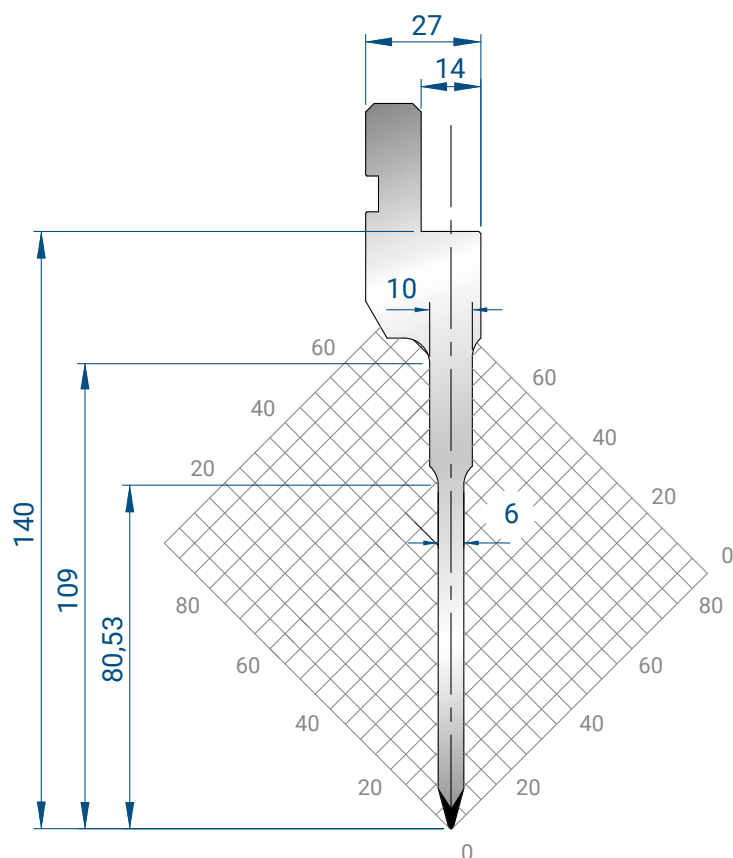
Mat = C45
H = 90.00
Max T/m = 70
 $\alpha = 35^\circ$
R = 1.5

835 mm	12,0 kg
415 mm	6,0 kg
805 mm FRAZ. / SECT.	12,0 kg

028

Mat = C45
H = 90.00
Max T/m = 100
 $\alpha = 35^\circ$
P = 0.8

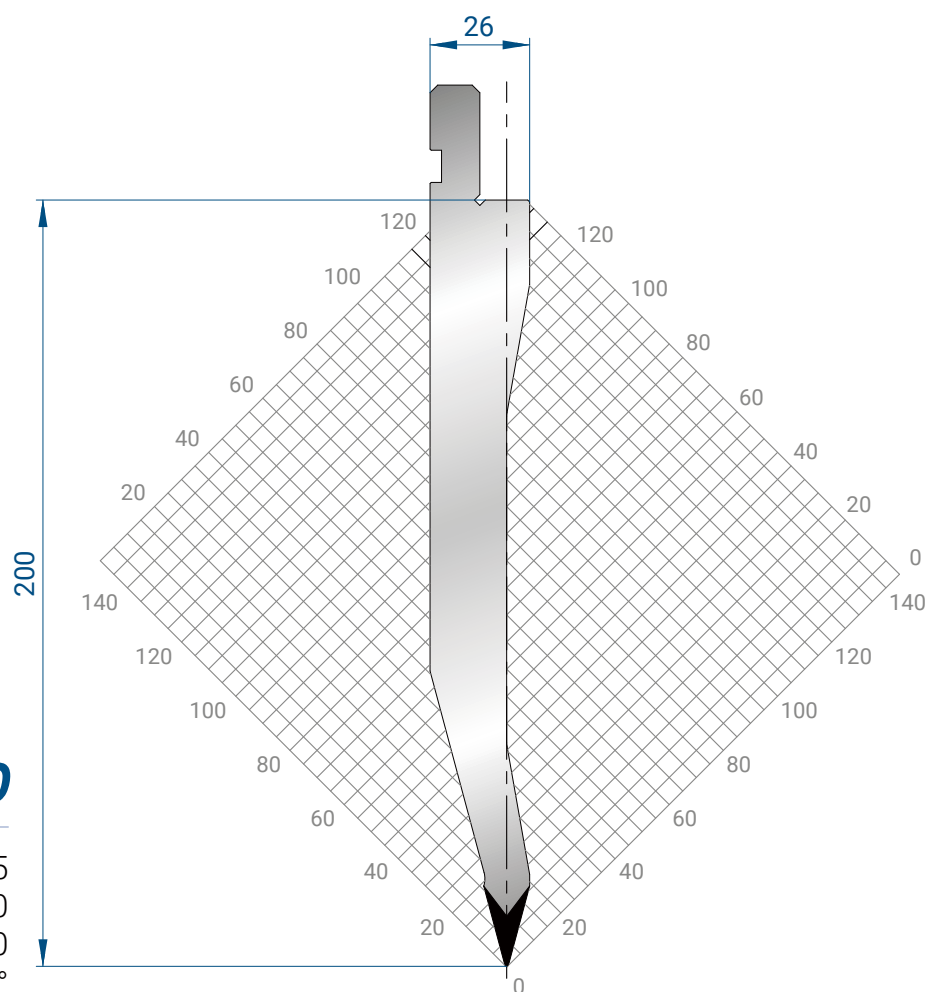
835 mm	10,0 kg
415 mm	5,0 kg
805 mm FRAZ. / SECT.	10,0 kg



029

Mat = C45
 bonificato / *tempered*
H = 140.00
Max T/m = 40
 α = 30°
R = 0.6

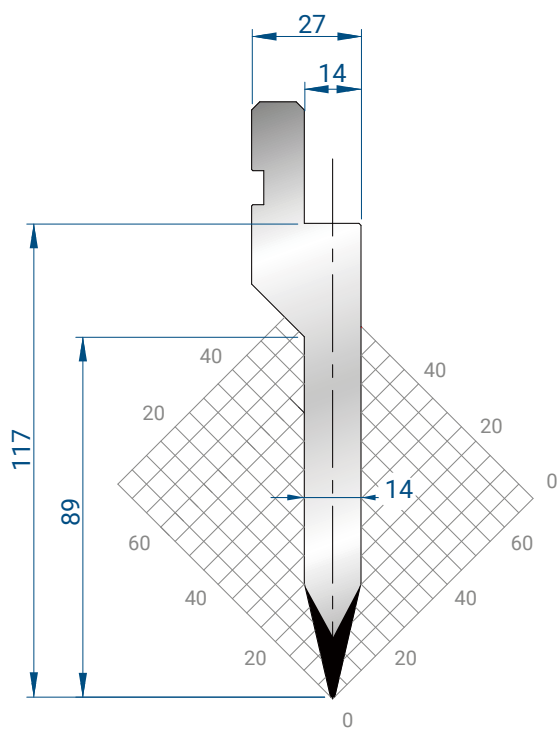
835 mm	11,0 kg
415 mm	5,0 kg
805 mm	11,0 kg
FRAZ. / SECT.	



030

Mat = C45
 bonificato / *tempered*
H = 200.00
Max T/m = 50
 α = 30°
R = 0.5

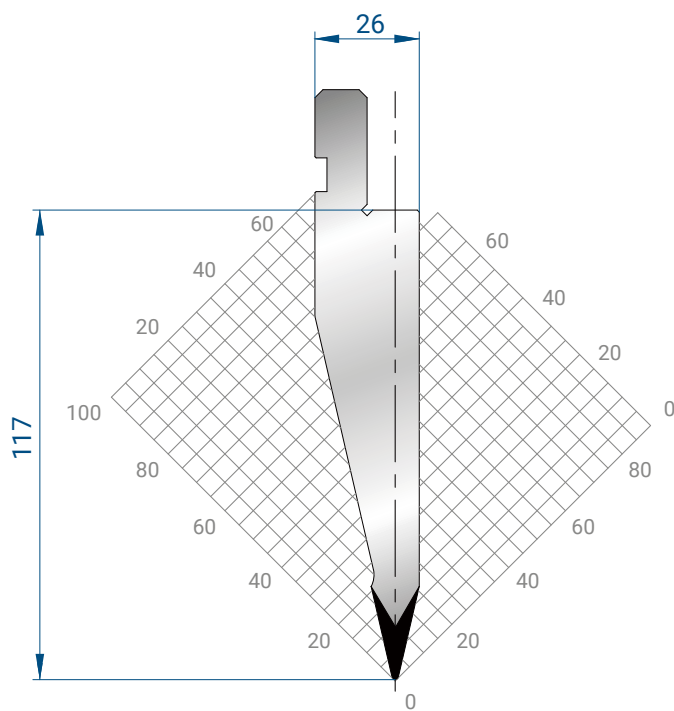
835 mm	25,0 kg
415 mm	13,0 kg
805 mm	25,0 kg
FRAZ. / SECT.	



031

Mat = C45
H = 117.00
Max T/m = 100
 $\alpha = 26^\circ$
P = 1

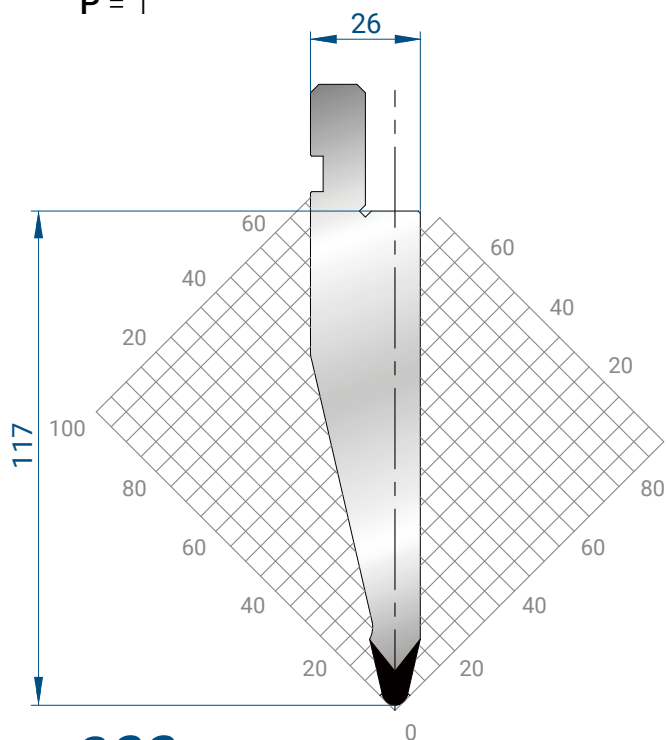
835 mm	13,8 kg
415 mm	6,0 kg
805 mm	13,8 kg
FRAZ. / SECT.	



032

Mat = C45
H = 117.00
Max T/m = 100
 $\alpha = 26^\circ$
R = 0.8

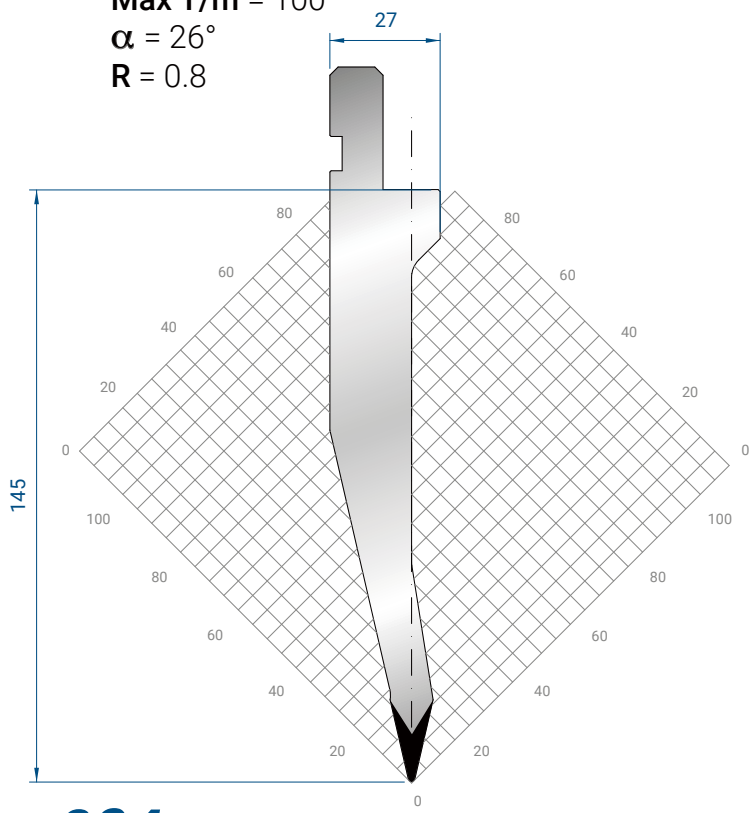
835 mm	16,0 kg
415 mm	8,0 kg
805 mm	16,0 kg
FRAZ. / SECT.	



033

Mat = C45
H = 117.00
Max T/m = 100
 $\alpha = 26^\circ$
R = 3

835 mm	16,0 kg
415 mm	8,0 kg
805 mm	16,0 kg
FRAZ. / SECT.	

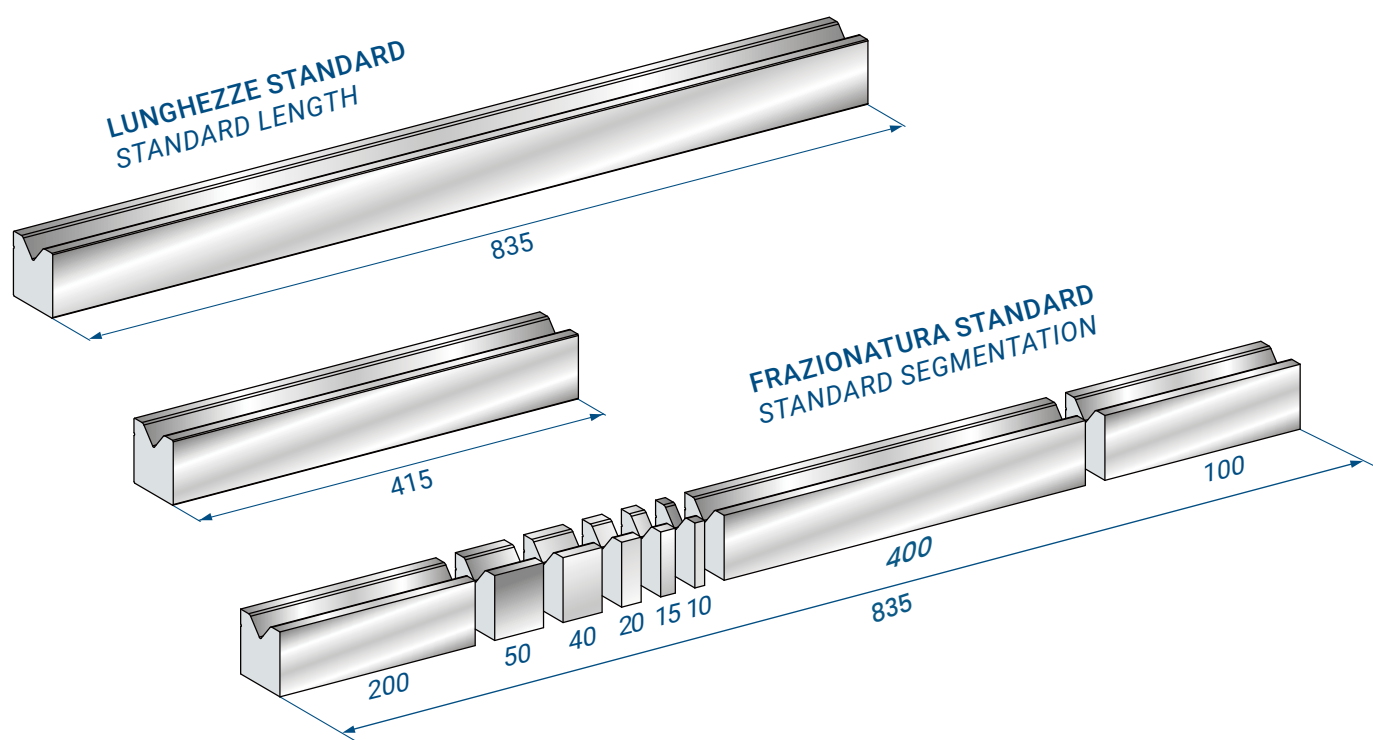


034

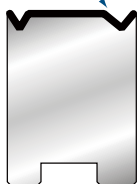
Mat = 42CrMo4 bonificato / *tempered*
H = 145.00
Max T/m = 100
 $\alpha = 26^\circ$
R = 0.8

835 mm	14,5 kg
415 mm	7,2 kg
805 mm	14,5 kg
FRAZ. / SECT.	





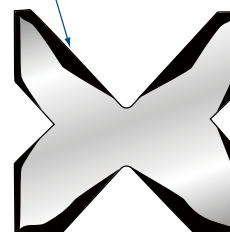
TEMPRATO AD INDUZIONE
INDUCTION HARDENED



TEMPRATO AD INDUZIONE
INDUCTION HARDENED



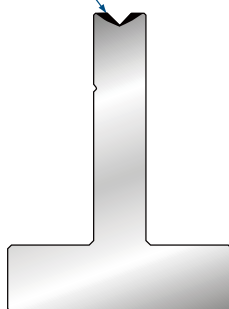
TEMPRATO AD INDUZIONE
INDUCTION HARDENED



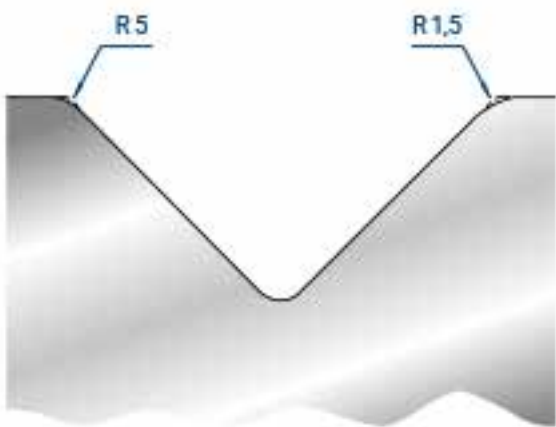
TEMPRATO AD INDUZIONE
INDUCTION HARDENED



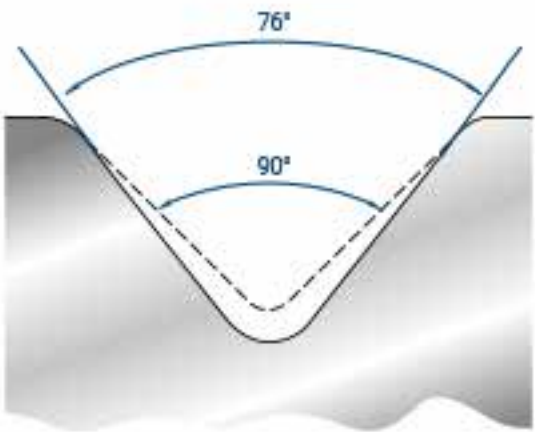
TEMPRATO AD INDUZIONE
INDUCTION HARDENED



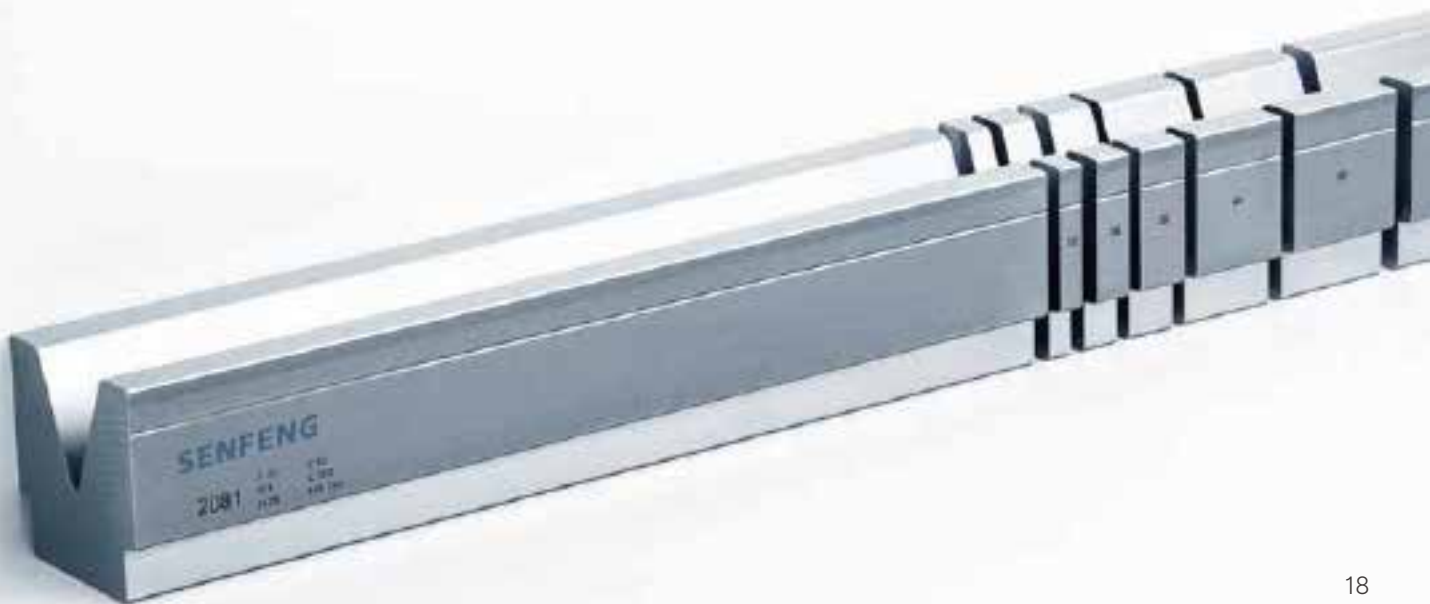
TAGLI A RICHIESTA
SPECIAL SEGMENTATION



MODIFICA RAGGIO
RADIUS MODIFICATION



MODIFICA ANGOLO
ANGLE MODIFICATION



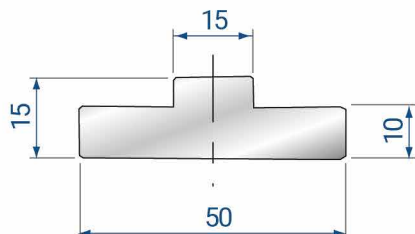
SUPPORTI PER MATRICI AUTOCENTRANTI DIE HOLDERS FOR SELF CENTERING DIES

SUPPORTI PER MATRICI AUTOCENTRANTI DIE HOLDERS FOR SELF-CENTERING DIES

DEVE ESSERE INSTALLATO
SUI SUPPORTI MODELLO:

MUST BE INSTALLED ON
SUPPORT MODEL:

0010 0010 0025 0030



035

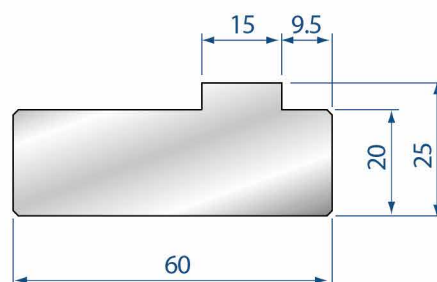
Mat = C45

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

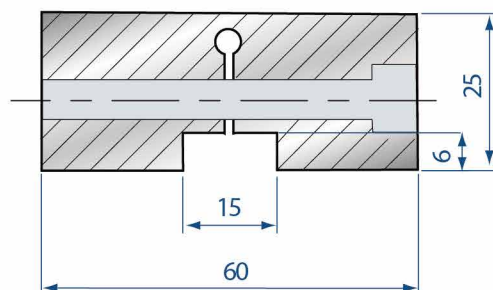
036

Mat = C45

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



FERMO PER MATRICI AUTOCENTRANTI FIXED BAR FOR SELF-CENTERING DIES

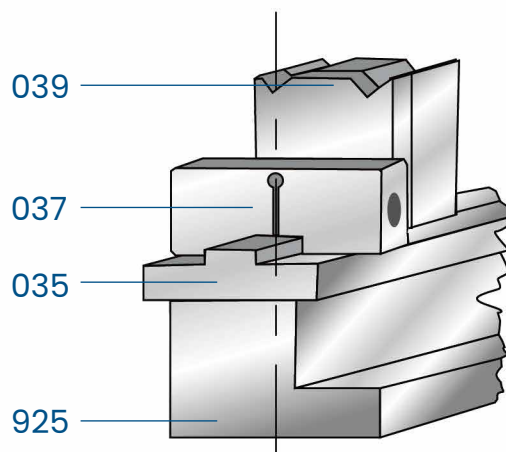


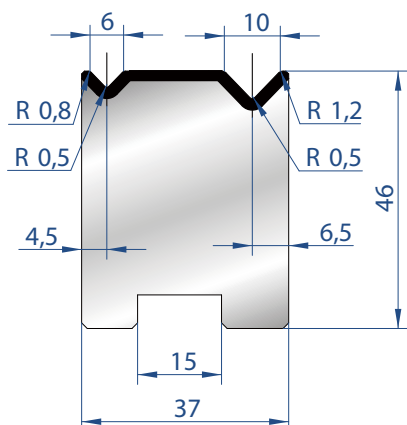
037

Mat = C45

15 mm	0,2 kg
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ESEMPIO DI MONTAGGIO ASSEMBLY EXAMPLE

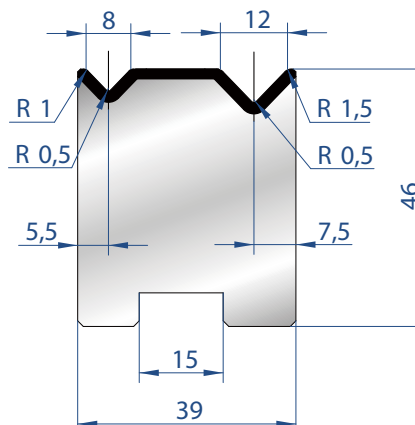




038

Mat = C45
Max T/m = 80
 $\alpha = 88^\circ$

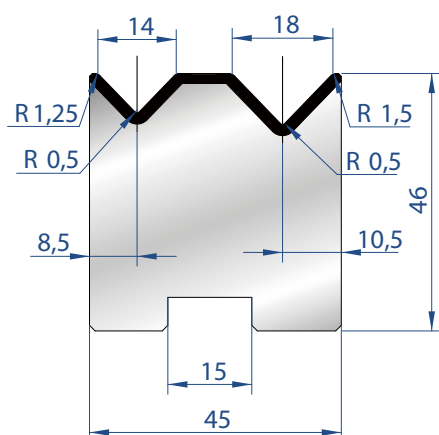
835 mm	10,0 kg
415 mm	5,0 kg
805 mm	10,0 kg
FRAZ. / SECT.	



039

Mat = C45
Max T/m = 80
 $\alpha = 88^\circ$

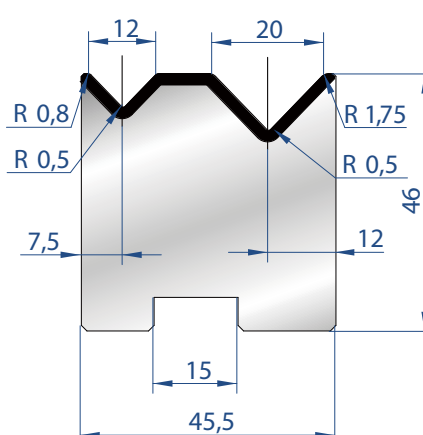
835 mm	10,0 kg
415 mm	5,0 kg
805 mm	10,0 kg
FRAZ. / SECT.	



040

Mat = C45
Max T/m = 80
 $\alpha = 88^\circ$

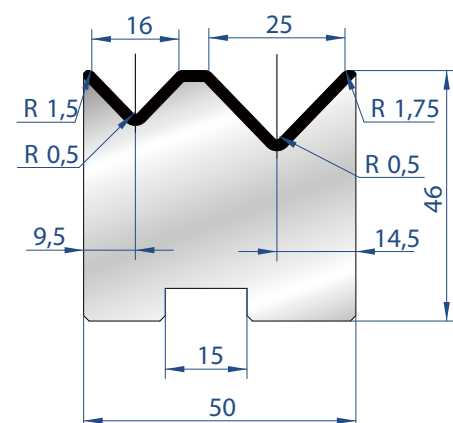
835 mm	12,0 kg
415 mm	6,0 kg
805 mm	12,0 kg
FRAZ. / SECT.	



041

Mat = C45
Max T/m = 80
 $\alpha = 88^\circ$

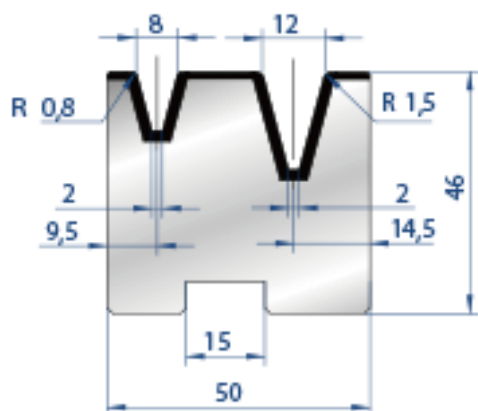
835 mm	12,0 kg
415 mm	6,0 kg
805 mm	12,0 kg
FRAZ. / SECT.	



042

Mat = C45
Max T/m = 80
 $\alpha = 88^\circ$

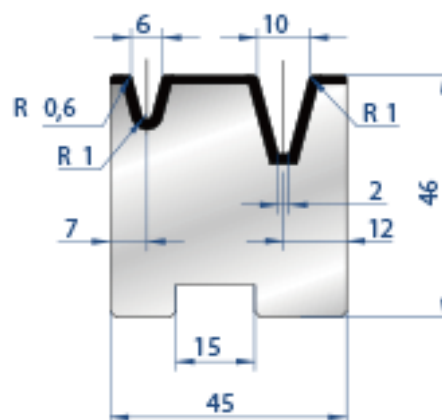
835 mm	13,0 kg
415 mm	6,0 kg
805 mm	13,0 kg
FRAZ. / SECT.	



043

Mat = C45
Max T/m = 40
 $\alpha = 30^\circ$

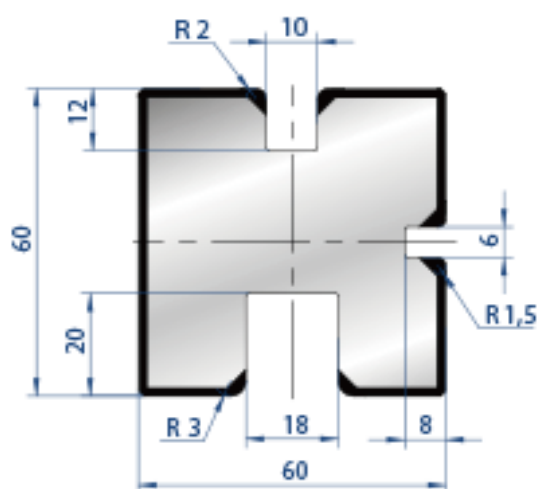
835 mm	13,0 kg
415 mm	6,0 kg
805 mm	13,0 kg



044

Mat = C45
Max T/m = 40
 $\alpha = 30^\circ$

835 mm	13,0 kg
415 mm	6,0 kg
805 mm	13,0 kg
PRAZ. / SECT.	



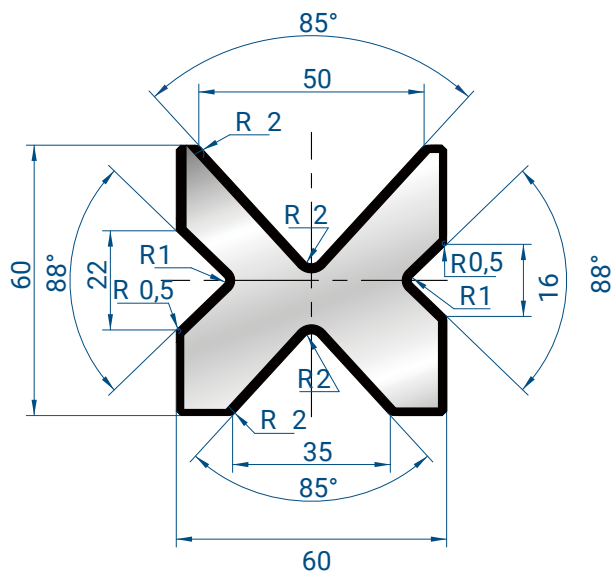
045

Mat = C45
Max T/m = 100

835 mm	20,0 kg
415 mm	10,0 kg
805 mm	20,0 kg

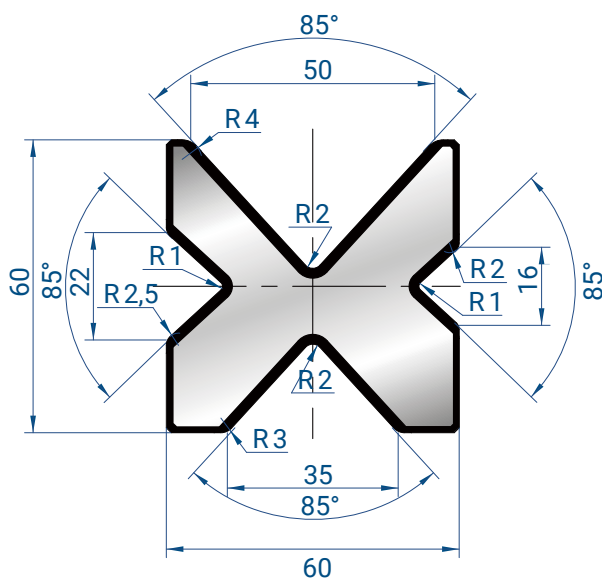
FRAZ. / SECT.



**046**

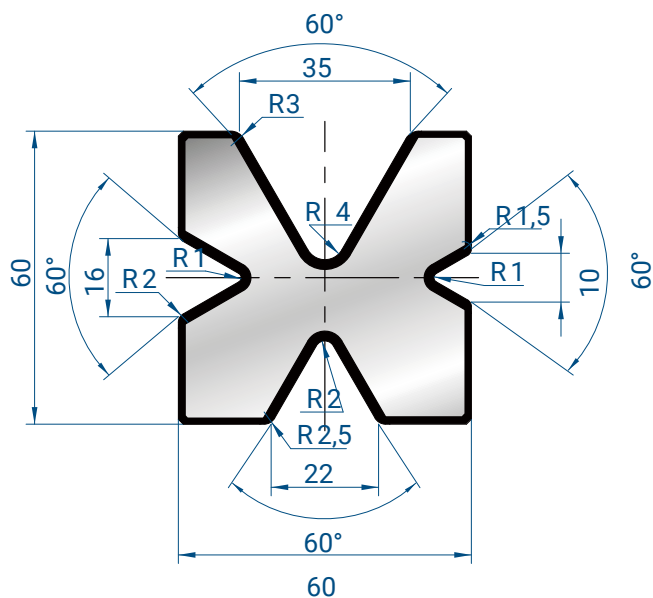
Mat = C45
 Max T/m = 80
 $\alpha = 85^\circ - 88^\circ$

835 mm	16,0 kg
415 mm	8,0 kg
805 mm	16,0 kg
FRAZ. / SECT.	

**047**

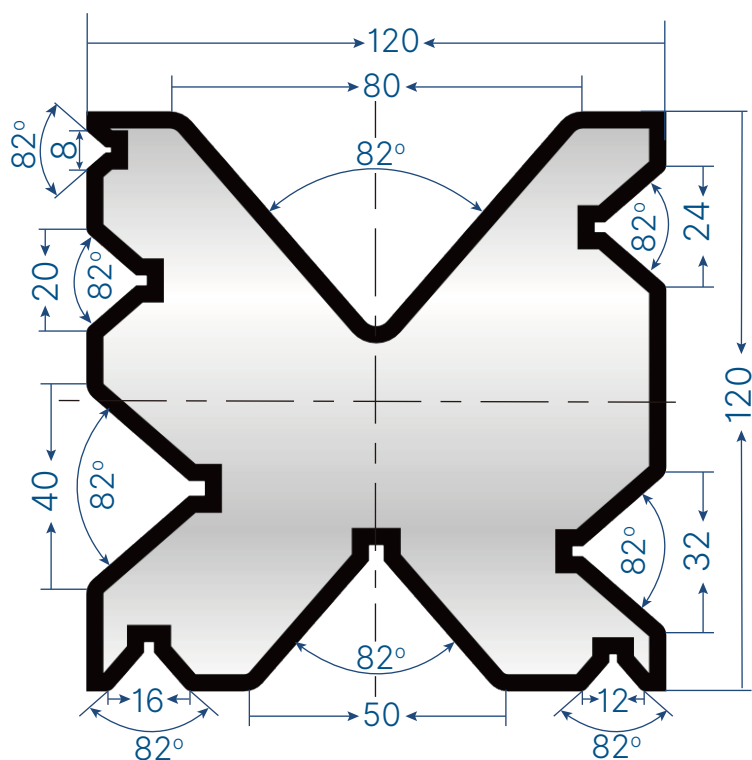
Mat = C45
 Max T/m = 80
 $\alpha = 85^\circ$

835 mm	16,0 kg
415 mm	8,0 kg
805 mm	16,0 kg
FRAZ. / SECT.	

**048**

Mat = C45
 Max T/m = 60
 $\alpha = 60^\circ$

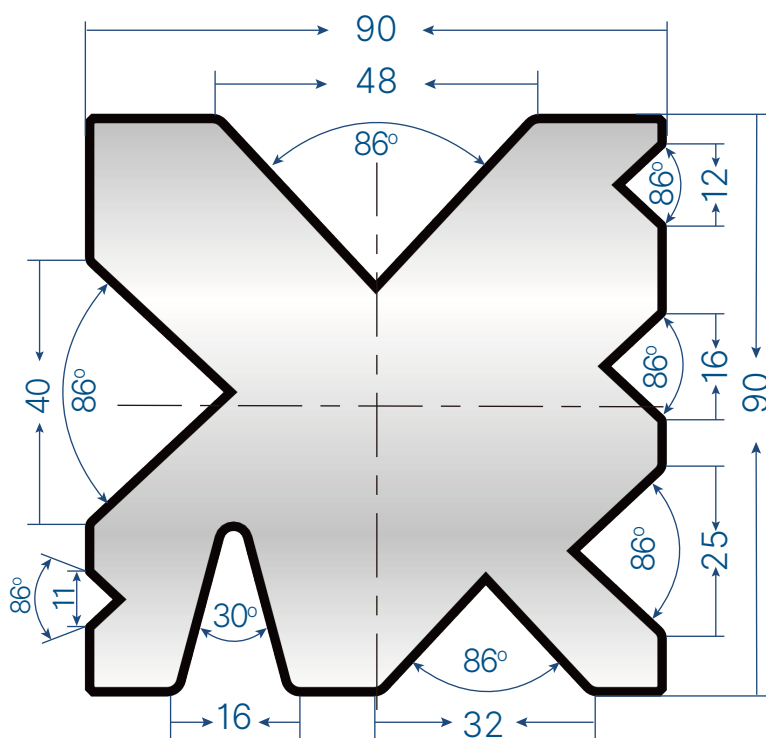
835 mm	18,0 kg
415 mm	9,0 kg
805 mm	18,0 kg
FRAZ. / SECT.	



049

Mat = C45
MaxT/m = 80
 $\alpha = 82^\circ$

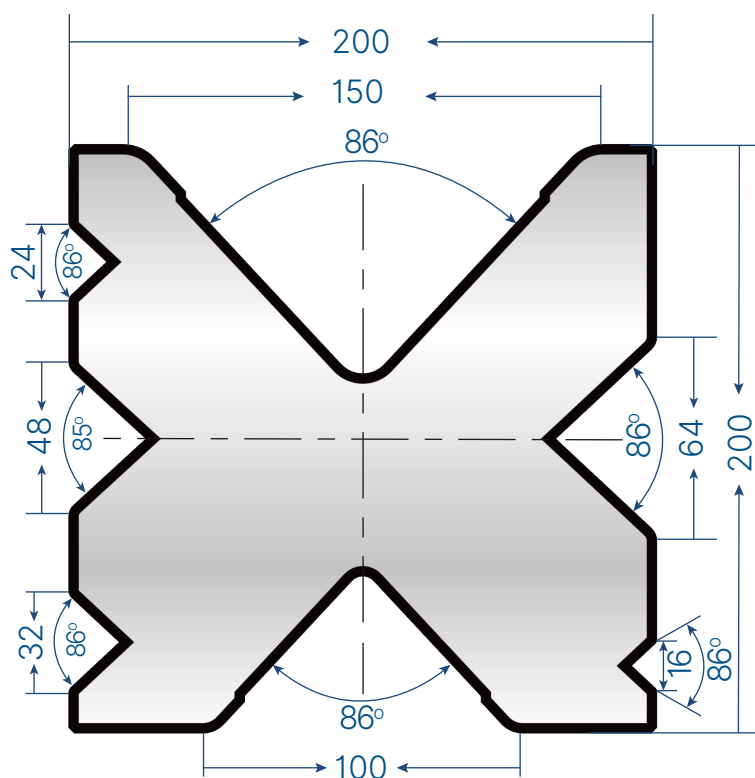
835mm	72,0 kg
415mm	36,0 kg
805mm FRAZ./ SECT.	70,0 kg



050

Mat = C45
MaxT/m = C45
 $\alpha = 30^\circ-86^\circ$

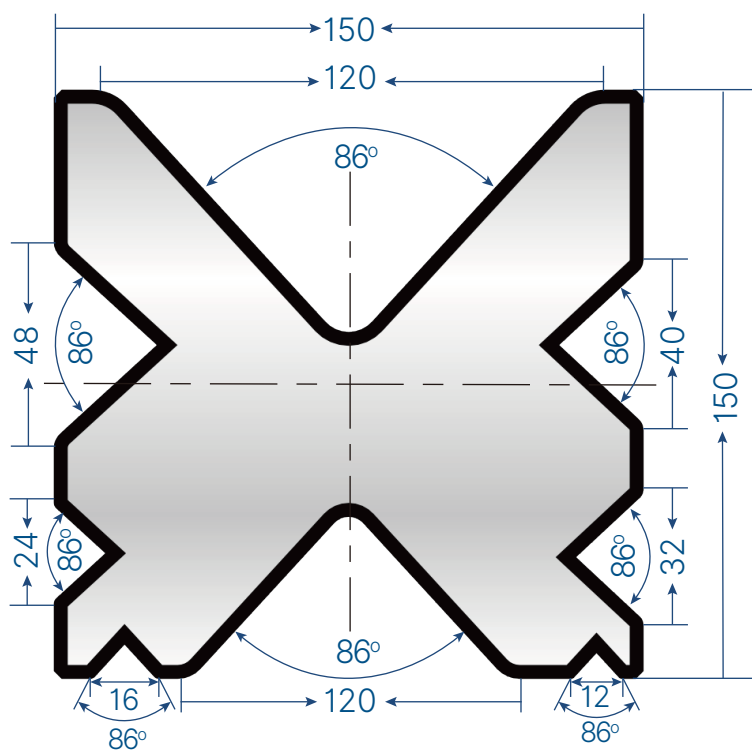
835mm	41,0 kg
415mm	20,0 kg
805mm FRAZ./ SECT.	39,0 kg



051

Mat = C45
MaxT/m = 80
 $\alpha = 86^\circ$

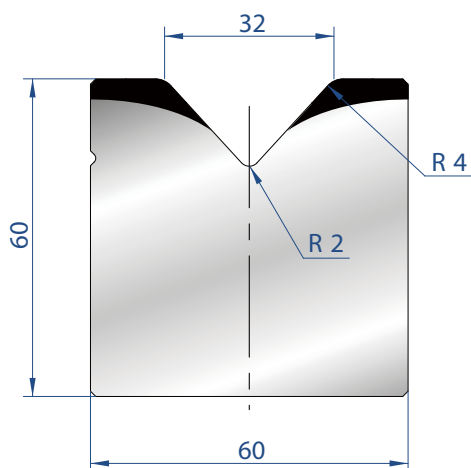
835mm	189,0 kg
415mm	94,0 kg
805mm FRAZ./SECT.	183,0 kg



052

Mat = C45
MaxT/m = 60
 $\alpha = 86^\circ$

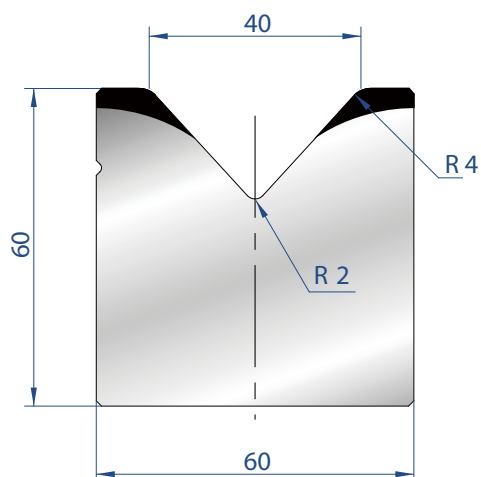
835mm	100,0 kg
835mm	50,0 kg
835mm FRAZ./SECT.	96,0 kg



053

Mat = C45
Max T/m = 100
 $\alpha = 85^\circ$

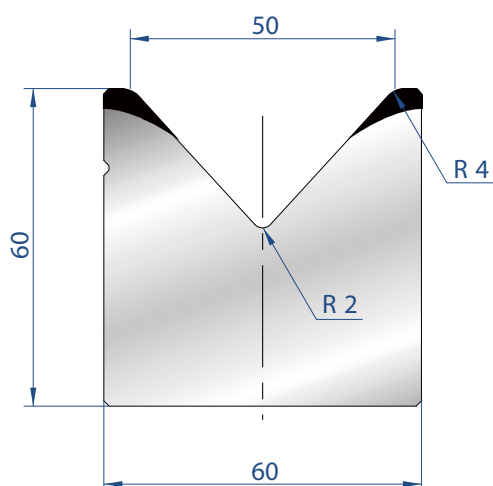
835 mm	22,0 kg
415 mm	11,0 kg
805 mm	22,0 kg
FRAZ. / SECT.	



054

Mat = C45
Max T/m = 100
 $\alpha = 85^\circ$

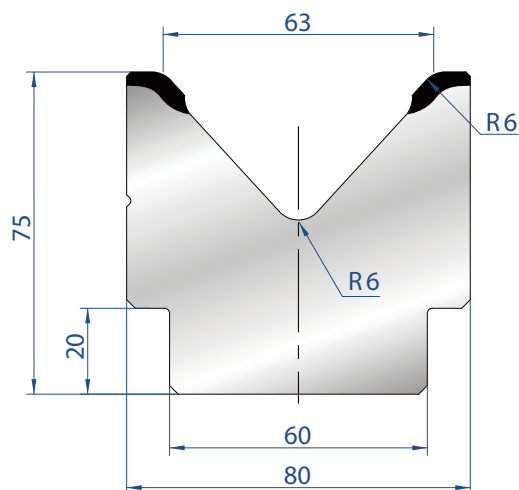
835 mm	21,0 kg
415 mm	10,0 kg
805 mm	21,0 kg
FRAZ. / SECT.	



055

Mat = C45
Max T/m = 100
 $\alpha = 85^\circ$

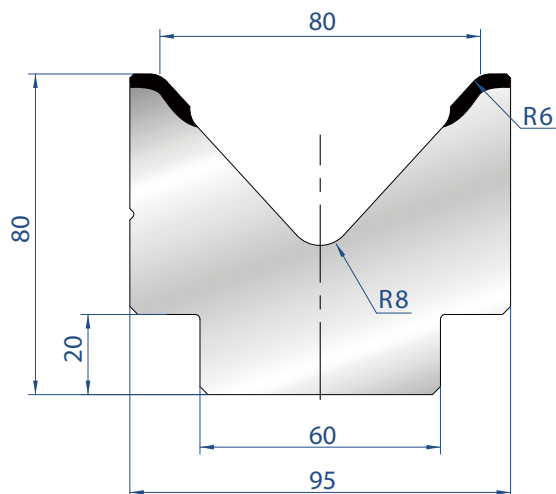
835 mm	19,0 kg
415 mm	9,0 kg
805 mm	19,0 kg
FRAZ. / SECT.	



056

Mat = C45
Max T/m = 100
 $\alpha = 85^\circ$

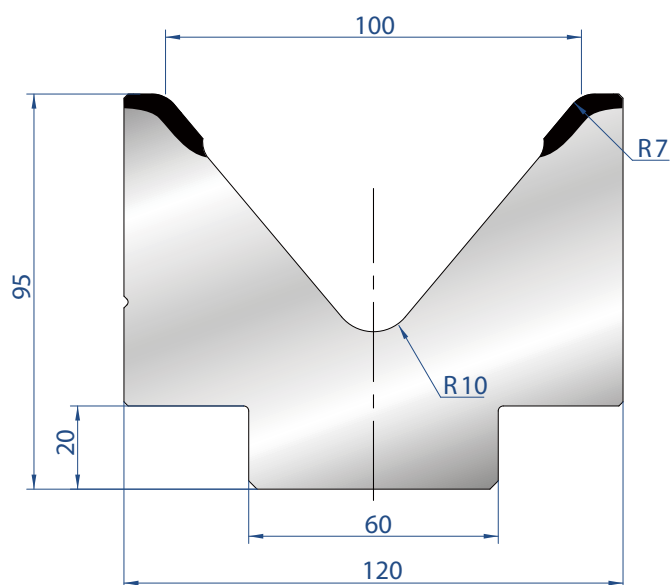
835 mm	28,5 kg
415 mm	15,0 kg
805 mm	28,5 kg
FRAZ. / SECT.	



057

Mat = C45
Max T/m = 100
 $\alpha = 85^\circ$

835 mm	38,0 kg
415 mm	19,0 kg
805 mm	38,0 kg
FRAZ. / SECT.	



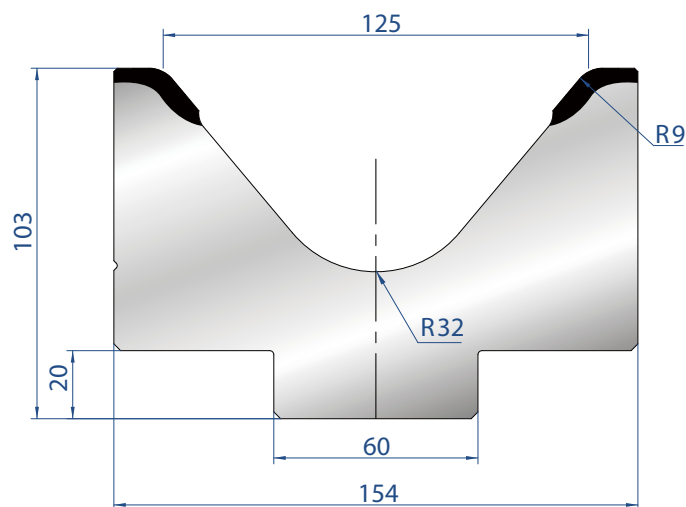
058

Mat = C45

Max T/m = 120

$\alpha = 80^\circ$

835 mm	50,0 kg
415 mm	25,0 kg
805 mm	50,0 kg
FRAZ. / SECT.	



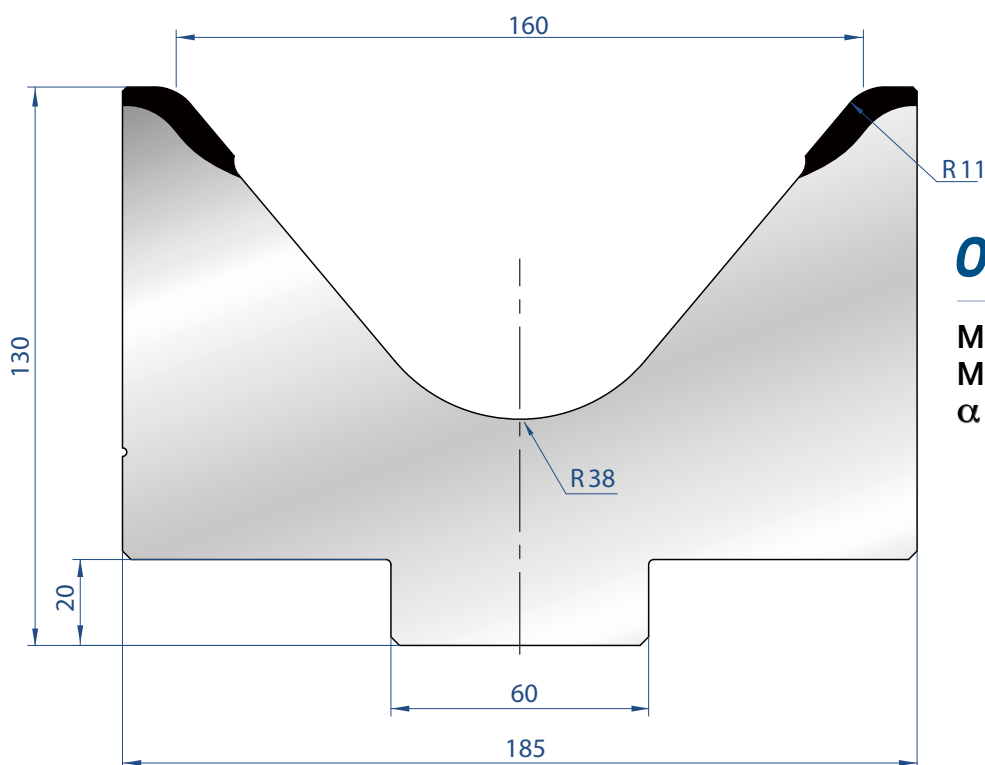
059

Mat = C45

Max T/m = 120

$\alpha = 80^\circ$

835 mm	70,0 kg
415 mm	35,0 kg
805 mm	70,0 kg
FRAZ. / SECT.	



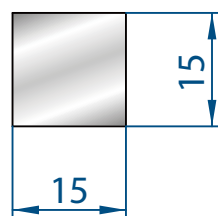
060

Mat = C45

Max T/m = 120

$\alpha = 80^\circ$

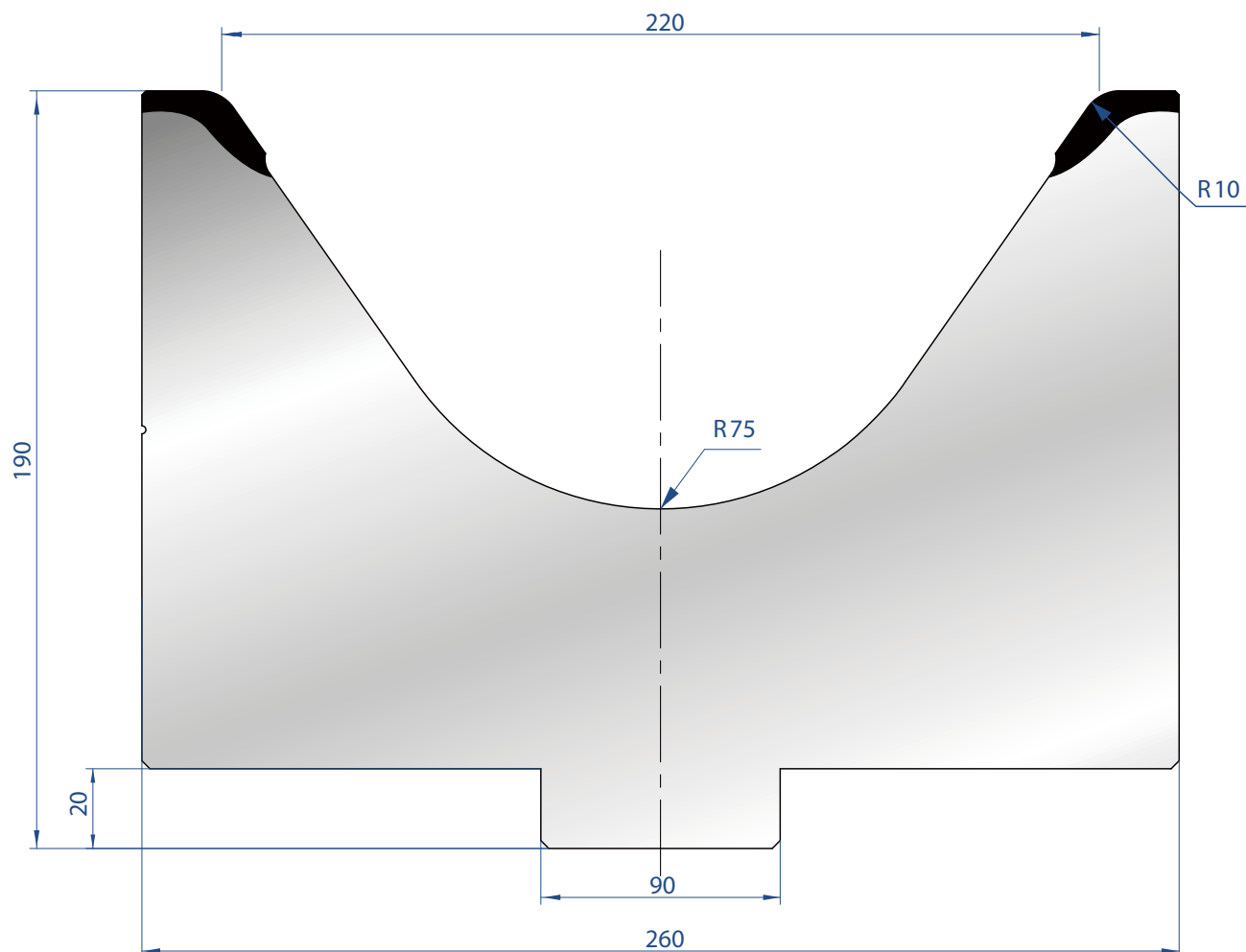
835 mm	91,3 kg
415 mm	51,0 kg
805 mm	91,3 kg
FRAZ. / SECT.	



061

TRAFILATI 15X15
SQUARE BAR 15X15

835 mm	2,9 kg
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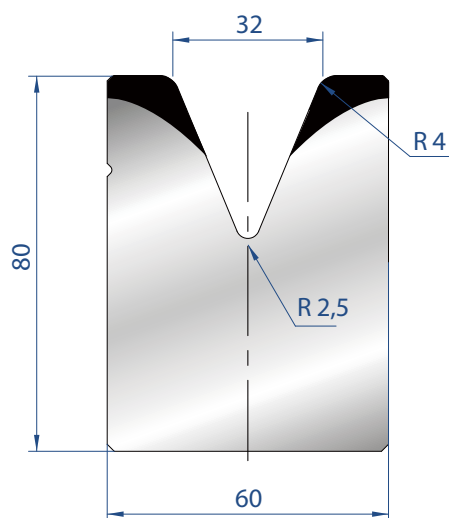
062

505 mm 119,0 kg

Mat = C45
bonificato /
tempered
Max T/m = 200
 α = 70°

SOLO LUNGHEZZA
505 MM

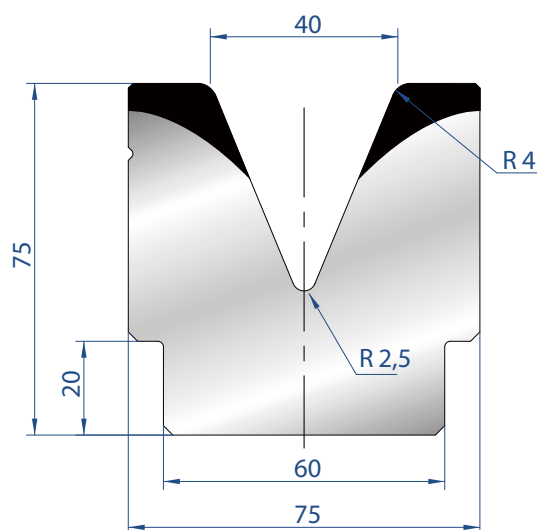
AVAILABLE ONLY
LENGTH 505 MM



063

Mat = C45
Max T/m = 100
 $\alpha = 45^\circ$

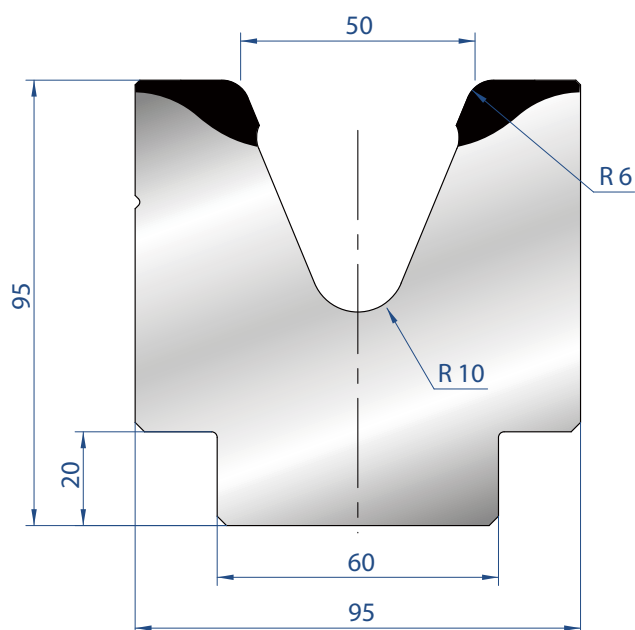
835 mm	28,0 kg
415 mm	14,0 kg
805 mm	28,0 kg
FRAZ. / SECT.	



064

Mat = C45
Max T/m = 100
 $\alpha = 45^\circ$

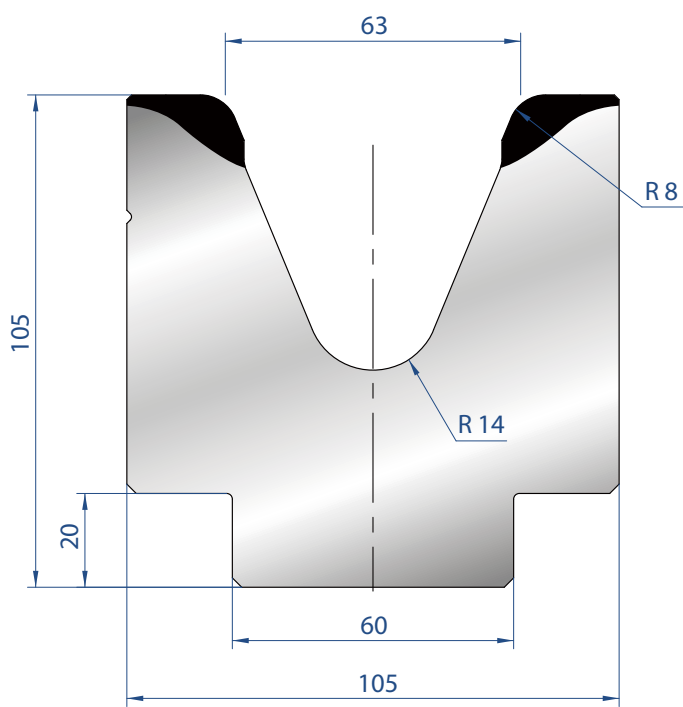
835 mm	33,0 kg
415 mm	16,0 kg
805 mm	33,0 kg
FRAZ. / SECT.	



065

Mat = C45
Max T/m = 100
 $\alpha = 45^\circ$

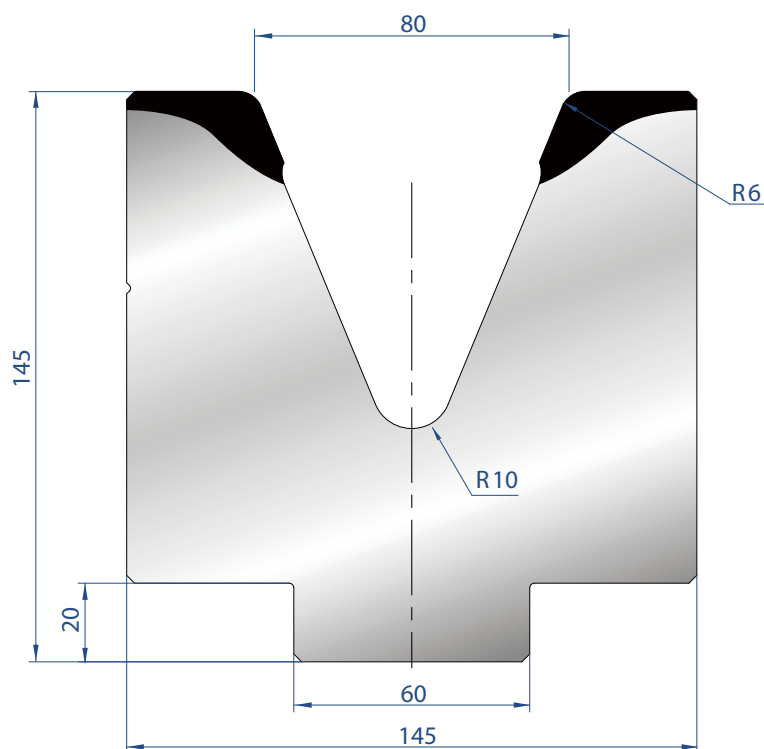
835 mm	36,0 kg
415 mm	18,0 kg
805 mm	36,0 kg
FRAZ. / SECT.	



066

Mat = C45
Max T/m = 100
 $\alpha = 45^\circ$

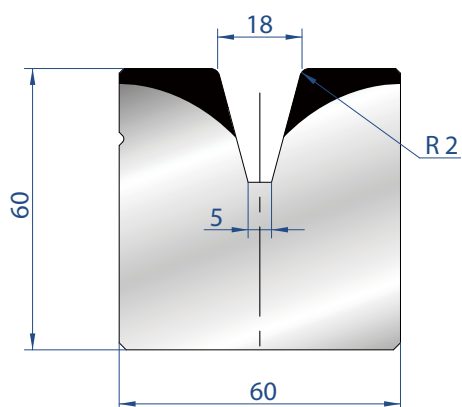
835 mm	34,0 kg
415 mm	17,0 kg
805 mm	34,0 kg
FRAZ. / SECT.	



067

Mat = C45
Max T/m = 100
 $\alpha = 45^\circ$

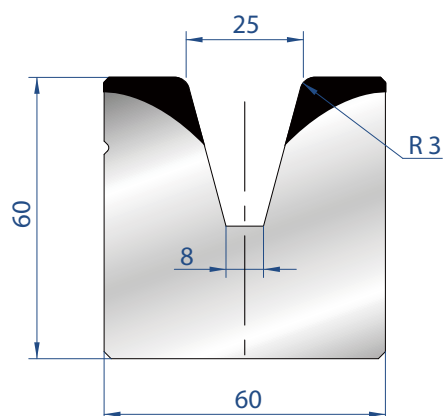
835 mm	102,0 kg
415 mm	51,0 kg
805 mm	102,0 kg
FRAZ. / SECT.	



068

Mat = C45
Max T/m = 100
 $\alpha = 30^\circ$

835 mm	22,0 kg
415 mm	11,0 kg
805 mm	22,0 kg
FRAZ. / SECT.	

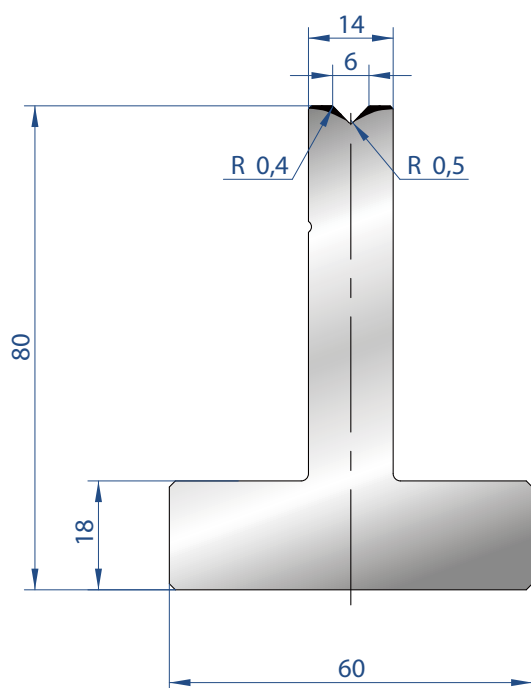


069

Mat = C45
Max T/m = 100
 $\alpha = 30^\circ$

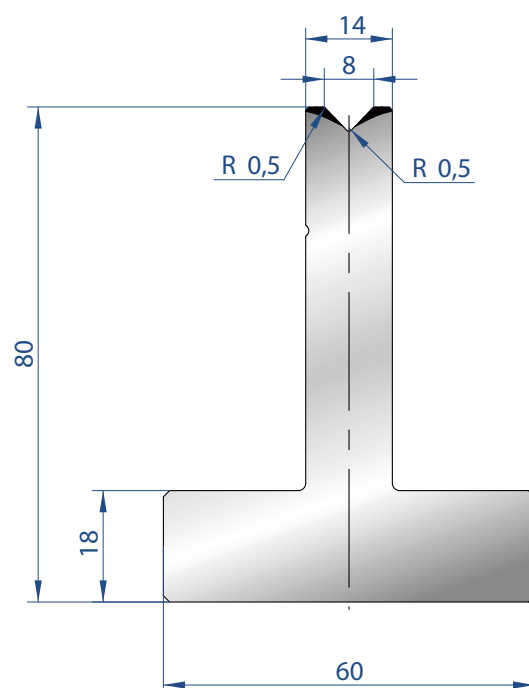
835 mm	22,0 kg
415 mm	11,0 kg
805 mm	22,0 kg
FRAZ. / SECT.	




070

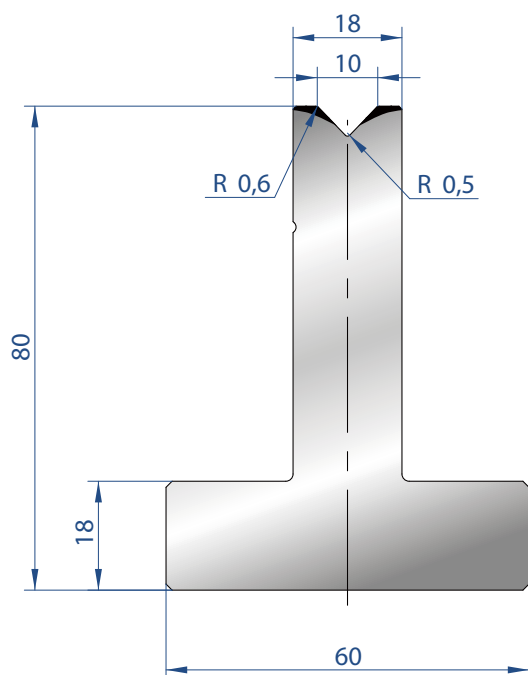
Mat = C45
Max T/m = 100
 $\alpha = 88^\circ$

835 mm	13,0 kg
415 mm	6,0 kg
805 mm	13,0 kg
FRAZ. / SECT.	


071

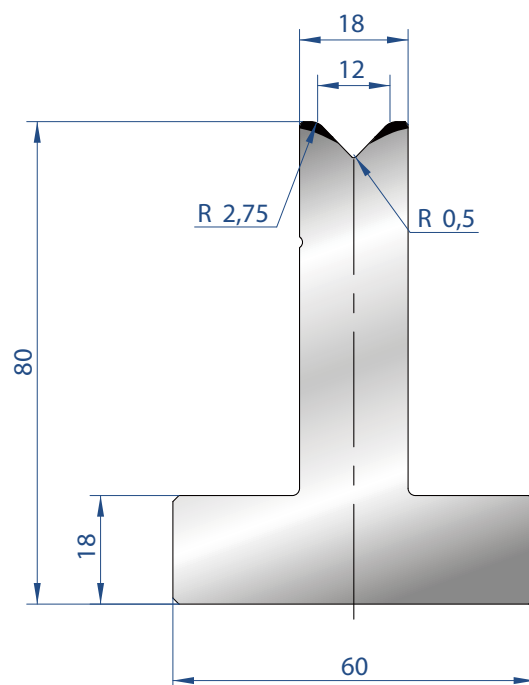
Mat = C45
Max T/m = 100
 $\alpha = 88^\circ$

835 mm	13,0 kg
415 mm	6,0 kg
805 mm	13,0 kg
FRAZ. / SECT.	


072

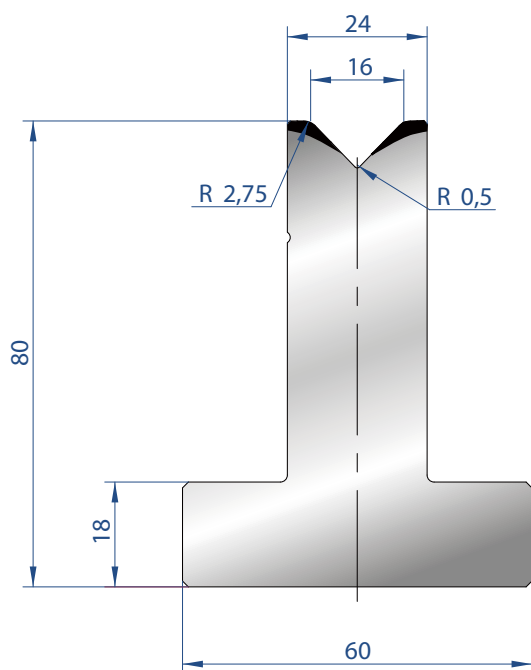
Mat = C45
Max T/m = 100
 $\alpha = 88^\circ$

835 mm	15,0 kg
415 mm	7,0 kg
805 mm	15,0 kg
FRAZ. / SECT.	


073

Mat = C45
Max T/m = 100
 $\alpha = 88^\circ$

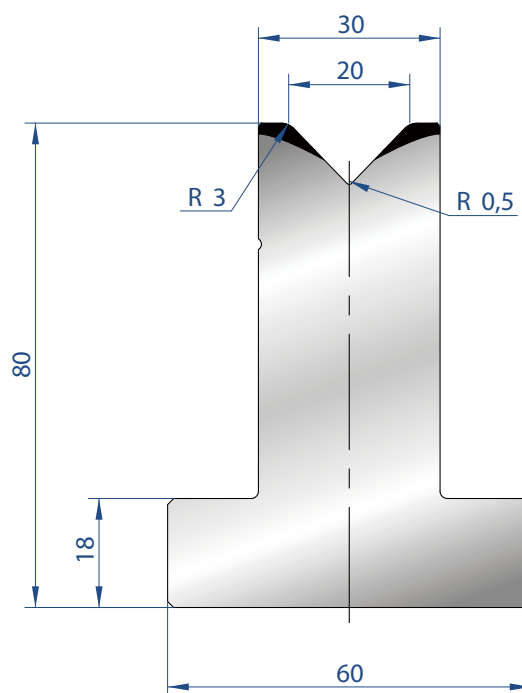
835 mm	15,0 kg
415 mm	7,0 kg
805 mm	15,0 kg
FRAZ. / SECT.	



074

Mat = C45
Max T/m = 100
 $\alpha = 88^\circ$

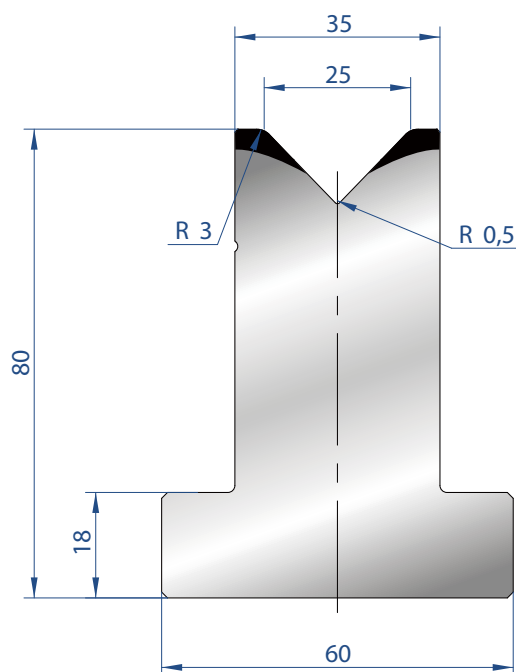
835 mm	18,0 kg
415 mm	9,0 kg
805 mm	18,0 kg
FRAZ. / SECT.	



075

Mat = C45
Max T/m = 100
 $\alpha = 88^\circ$

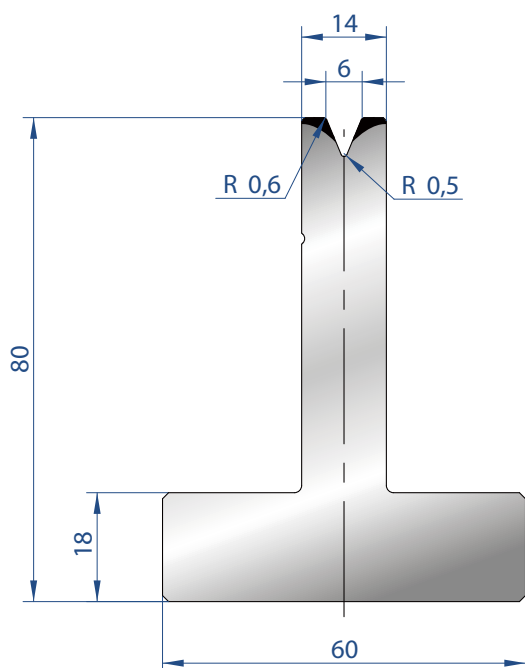
835 mm	19,0 kg
415 mm	9,0 kg
805 mm	19,0 kg
FRAZ. / SECT.	



076

Mat = C45
Max T/m = 100
 $\alpha = 88^\circ$

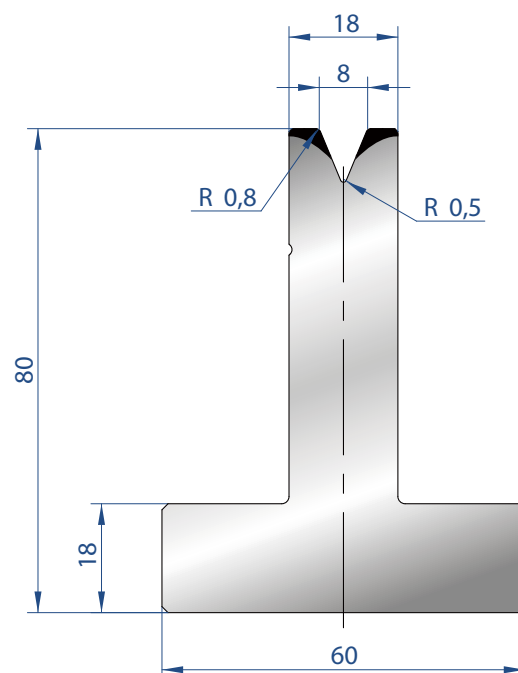
835 mm	20,0 kg
415 mm	10,0 kg
805 mm	20,0 kg
FRAZ. / SECT.	



077

Mat = C45
Max T/m = 50
 $\alpha = 45^\circ$

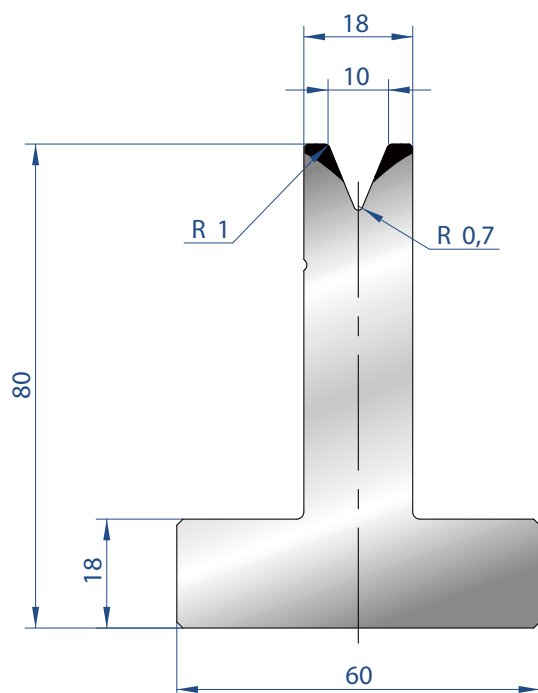
835 mm	13,0 kg
415 mm	6,0 kg
805 mm	13,0 kg
FRAZ. / SECT.	



078

Mat = C45
Max T/m = 50
 $\alpha = 45^\circ$

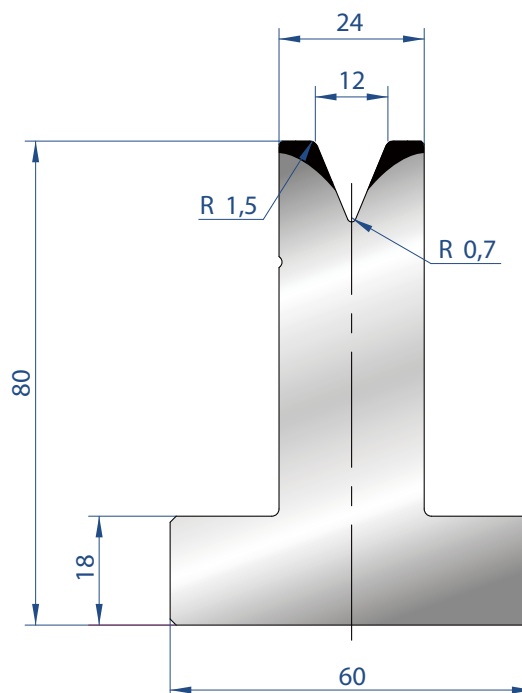
835 mm	15,0 kg
415 mm	7,0 kg
805 mm	15,0 kg
FRAZ. / SECT.	



079

Mat = C45
Max T/m = 50
 $\alpha = 45^\circ$

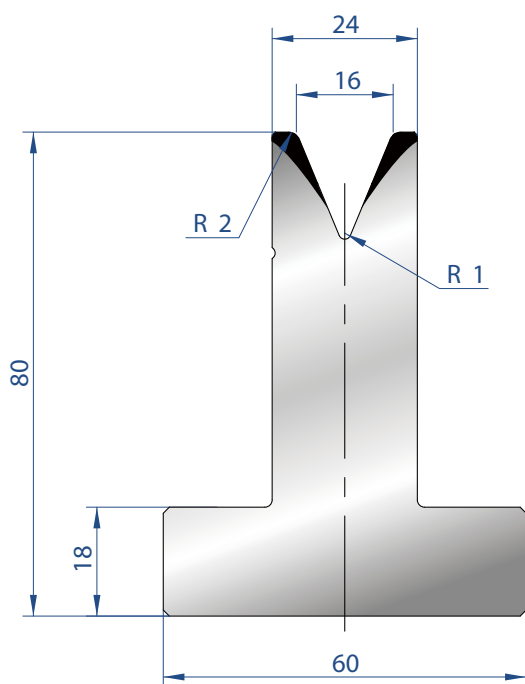
835 mm	15,0 kg
415 mm	7,0 kg
805 mm	15,0 kg
FRAZ. / SECT.	



080

Mat = C45
Max T/m = 50
 $\alpha = 45^\circ$

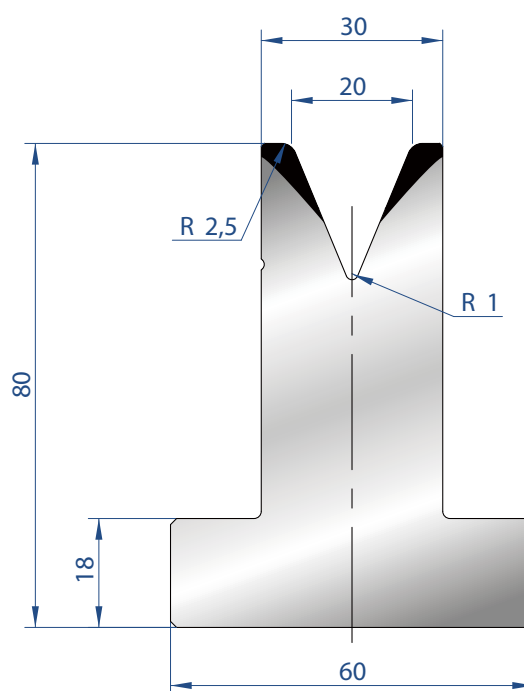
835 mm	18,0 kg
415 mm	9,0 kg
805 mm	18,0 kg
FRAZ. / SECT.	



081

Mat = C45
Max T/m = 50
 $\alpha = 45^\circ$

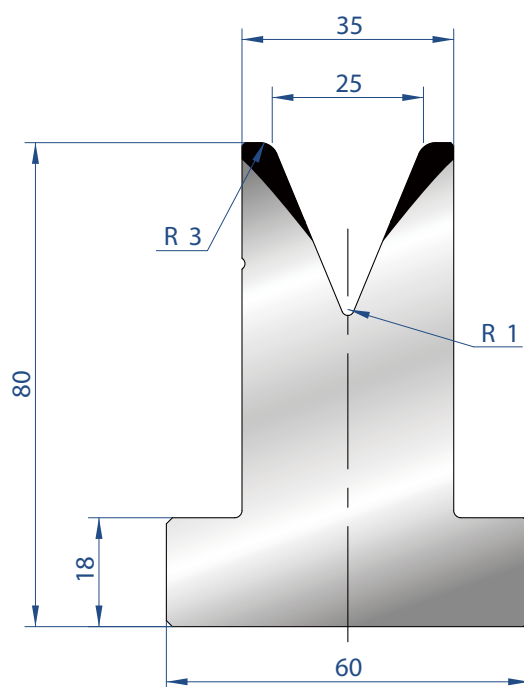
835 mm	18,0 kg
415 mm	9,0 kg
805 mm	18,0 kg
FRAZ. / SECT.	



082

Mat = C45
Max T/m = 50
 $\alpha = 45^\circ$

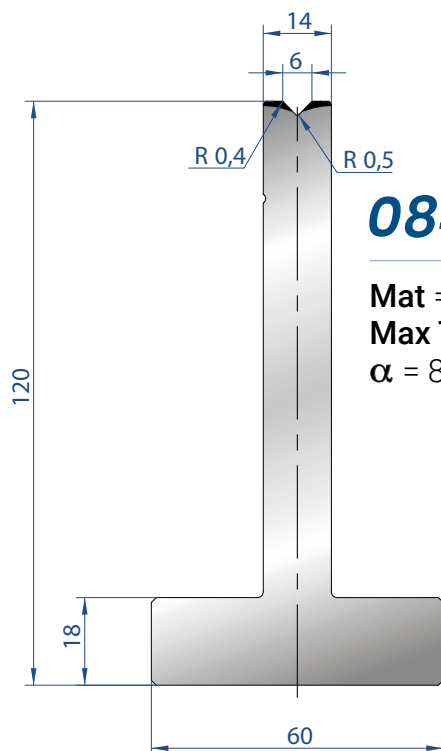
835 mm	18,0 kg
415 mm	9,0 kg
805 mm	18,0 kg
FRAZ. / SECT.	



083

Mat = C45
Max T/m = 50
 $\alpha = 45^\circ$

835 mm	20,0 kg
415 mm	10,0 kg
805 mm	20,0 kg
FRAZ. / SECT.	

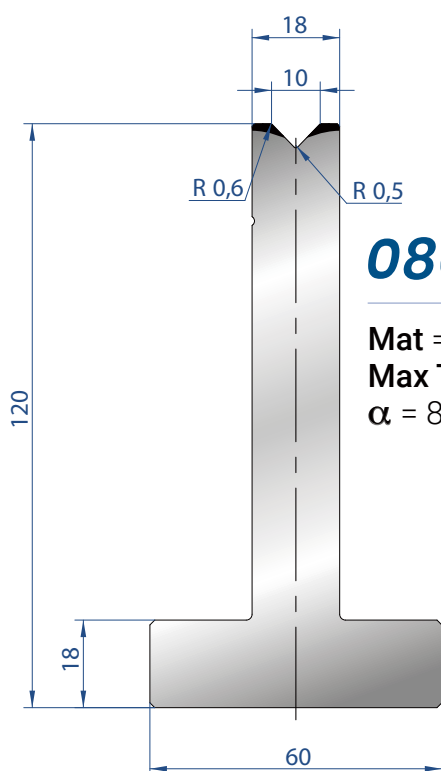
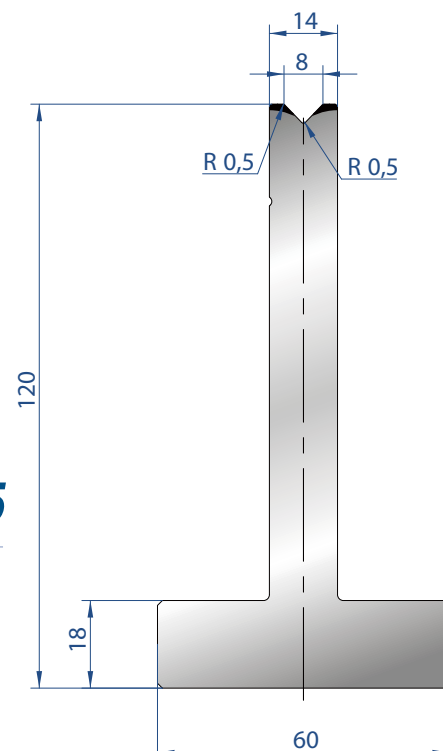


835 mm	17,0 kg
415 mm	8,0 kg
805 mm	17,0 kg
FRAZ. / SECT.	

835 mm	17,0 kg
415 mm	8,0 kg
805 mm	17,0 kg
FRAZ. / SECT.	

085

Mat = C45
Max T/m = 100
 $\alpha = 88^\circ$

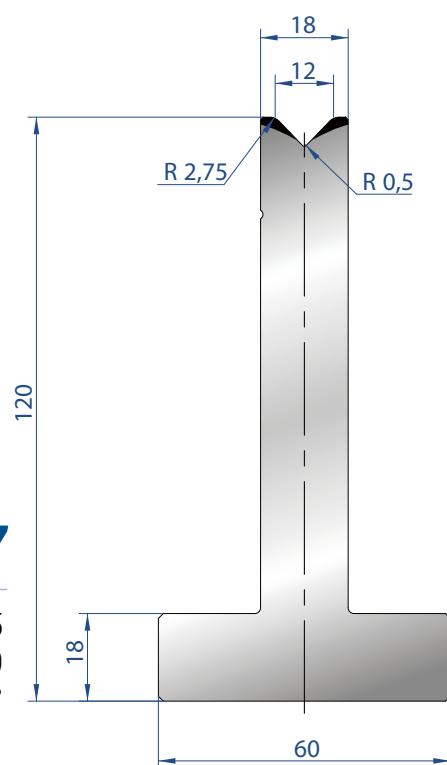


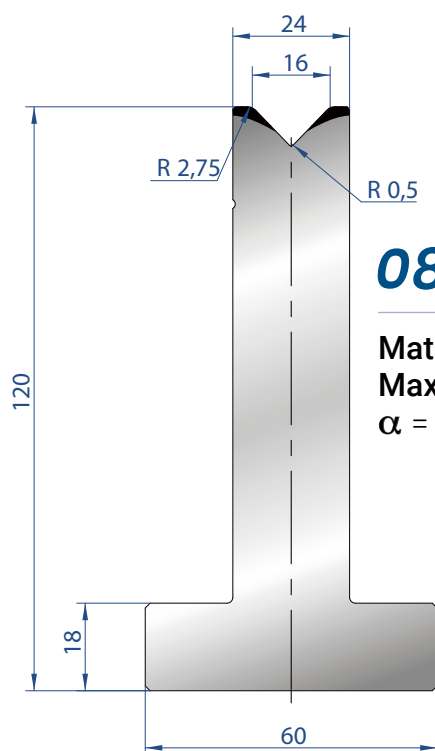
835 mm	18,0 kg
415 mm	9,0 kg
805 mm	18,0 kg
FRAZ. / SECT.	

835 mm	18,0 kg
415 mm	9,0 kg
805 mm	18,0 kg
FRAZ. / SECT.	

087

Mat = C45
Max T/m = 100
 $\alpha = 88^\circ$





088

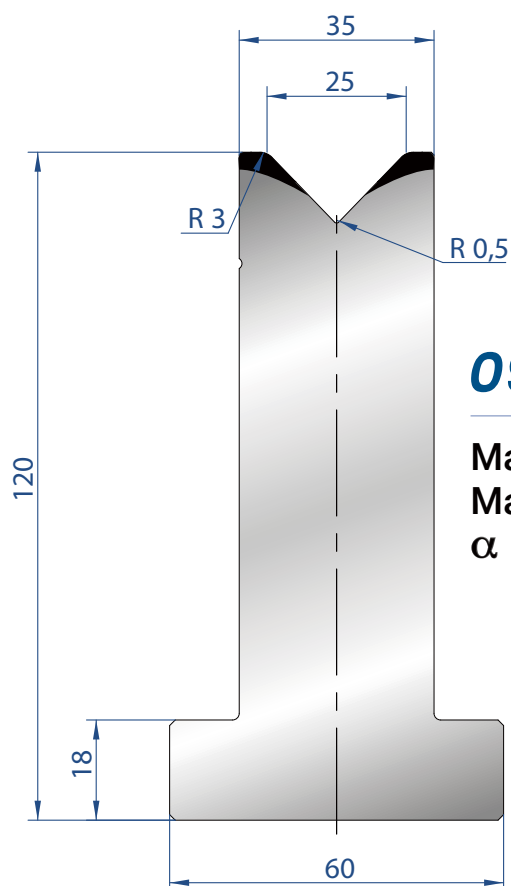
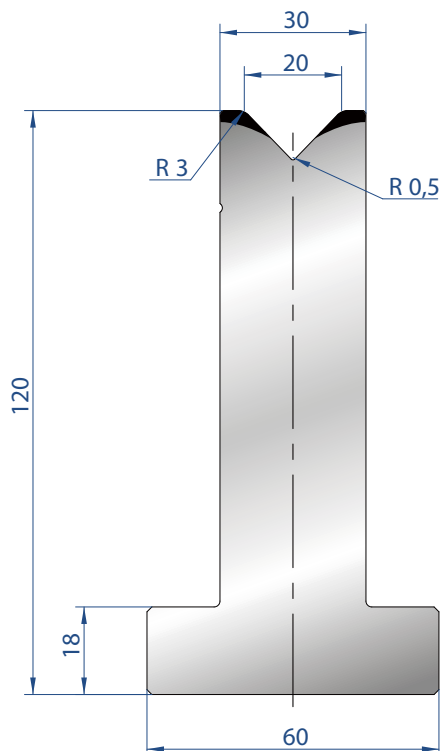
Mat = C45
Max T/m = 100
 $\alpha = 88^\circ$

835 mm	22,0 kg
415 mm	11,0 kg
805 mm	22,0 kg
FRAZ. / SECT.	

835 mm	27,0 kg
415 mm	13,0 kg
805 mm	27,0 kg
FRAZ. / SECT.	

089

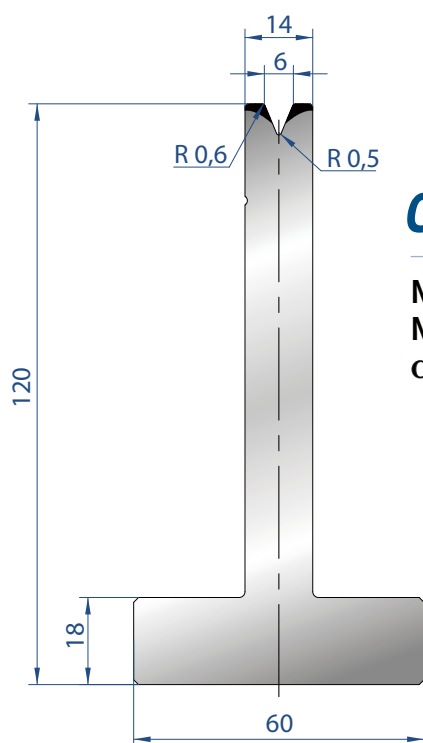
Mat = C45
Max T/m = 100
 $\alpha = 88^\circ$



090

Mat = C45
Max T/m = 100
 $\alpha = 88^\circ$

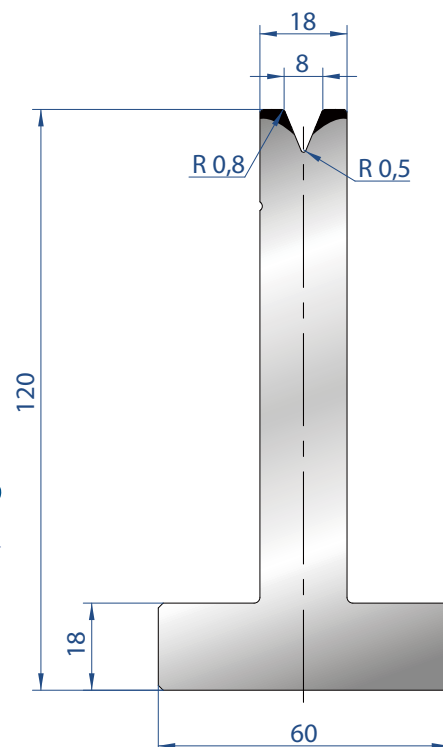
835 mm	30,0 kg
415 mm	15,0 kg
805 mm	30,0 kg
FRAZ. / SECT.	



091

Mat = C45
Max T/m = 50
 $\alpha = 45^\circ$

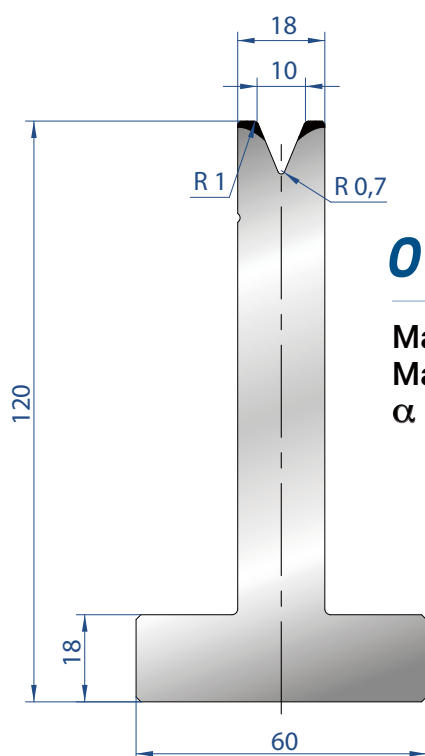
835 mm	17,0 kg
415 mm	8,0 kg
805 mm	17,0 kg
FRAZ. / SECT.	



092

Mat = C45
Max T/m = 50
 $\alpha = 45^\circ$

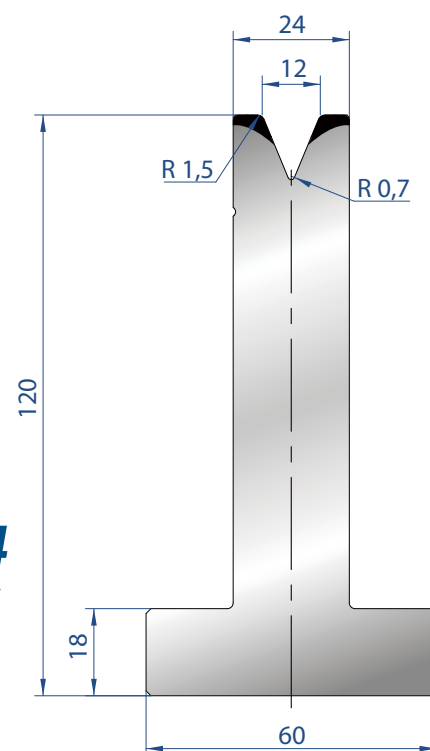
835 mm	17,0 kg
415 mm	8,0 kg
805 mm	17,0 kg
FRAZ. / SECT.	



093

Mat = C45
Max T/m = 50
 $\alpha = 45^\circ$

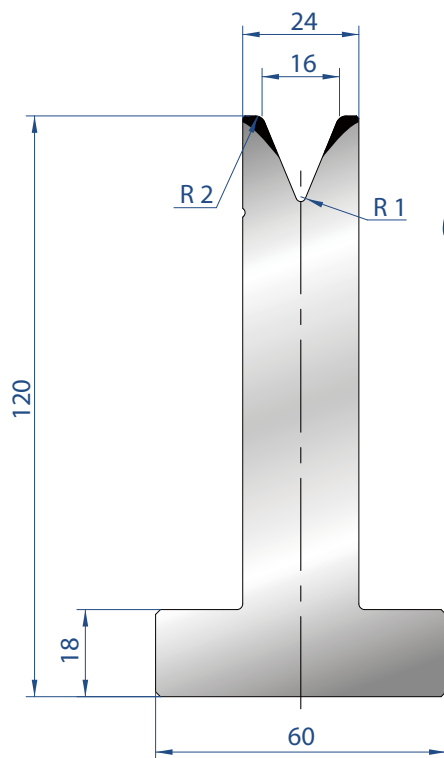
835 mm	18,0 kg
415 mm	9,0 kg
805 mm	18,0 kg
FRAZ. / SECT.	



094

Mat = C45
Max T/m = 50
 $\alpha = 45^\circ$

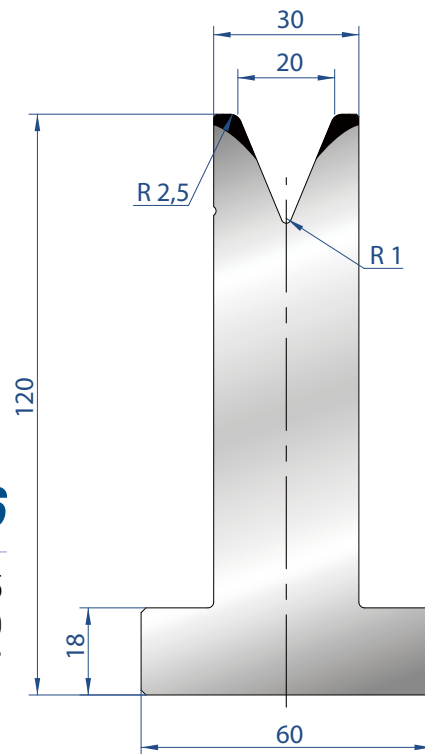
835 mm	22,0 kg
415 mm	11,0 kg
805 mm	22,0 kg
FRAZ. / SECT.	



095

Mat = C45
Max T/m = 50
 $\alpha = 45^\circ$

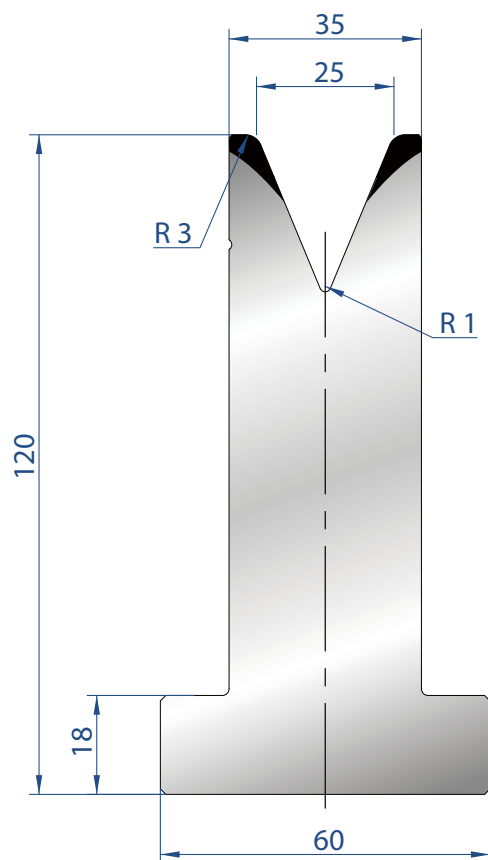
835 mm	22,0 kg
415 mm	11,0 kg
805 mm	22,0 kg
FRAZ. / SECT.	



096

Mat = C45
Max T/m = 50
 $\alpha = 45^\circ$

835 mm	27,0 kg
415 mm	13,0 kg
805 mm	27,0 kg
FRAZ. / SECT.	



097

Mat = C45
Max T/m = 50
 $\alpha = 45^\circ$

835 mm	30,0 kg
415 mm	15,0 kg
805 mm	30,0 kg
FRAZ. / SECT.	

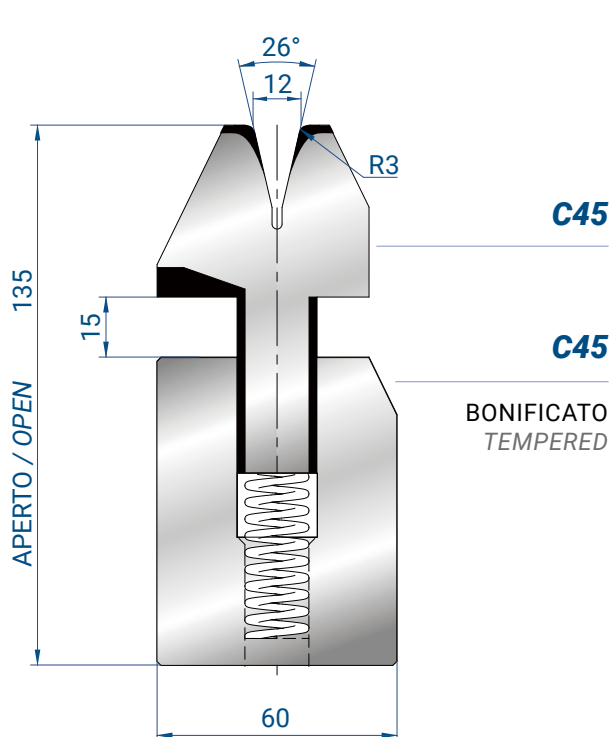


SENFENG

098

A 26°
R 3
H 135

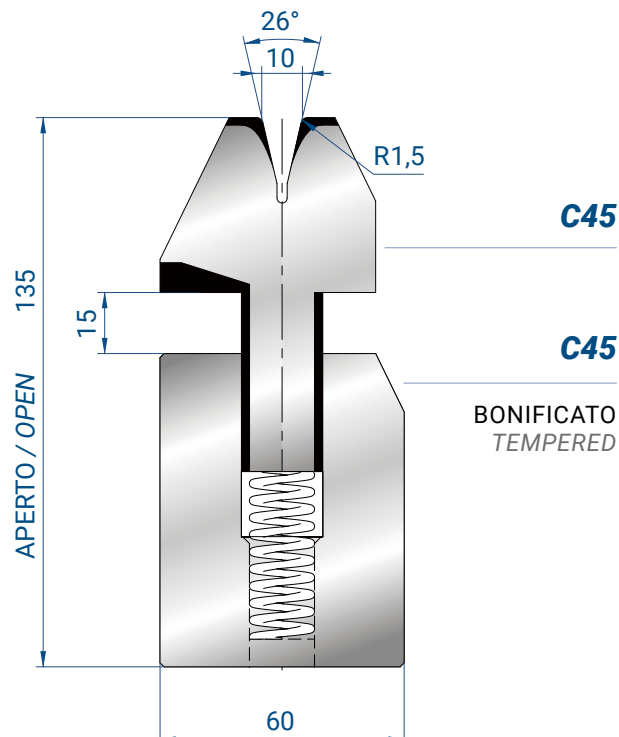
V 12
L 415
100 T/m



098

835 mm	42,0 kg
415 mm	21,0 kg

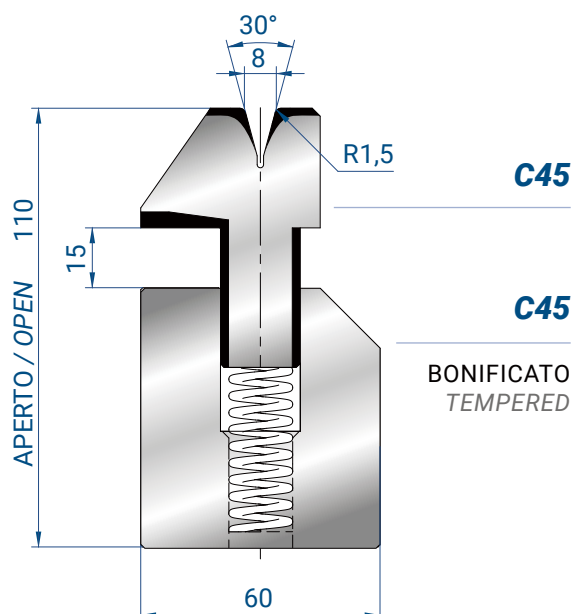
Spessore /
Sheet metal thickness =
Min 1,5 mm - Max 3 mm
Max T/m = 100



099

835 mm	42,0 kg
415 mm	21,0 kg

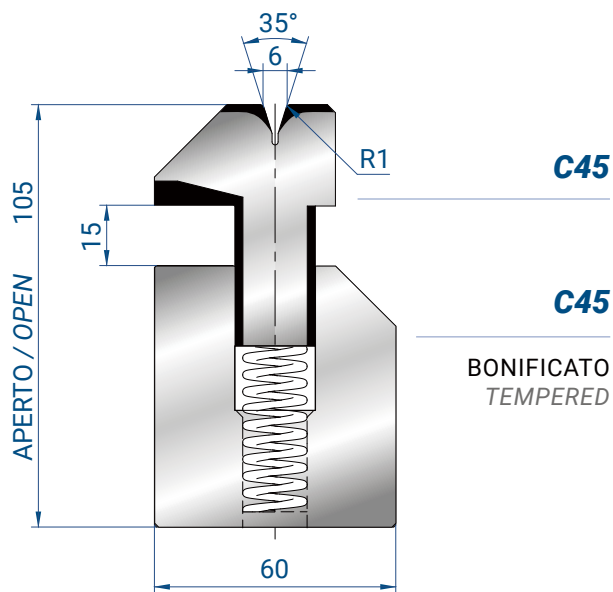
Spessore /
Sheet metal thickness =
Min 1,5 mm - Max 2,5 mm
Max T/m = 100



100

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

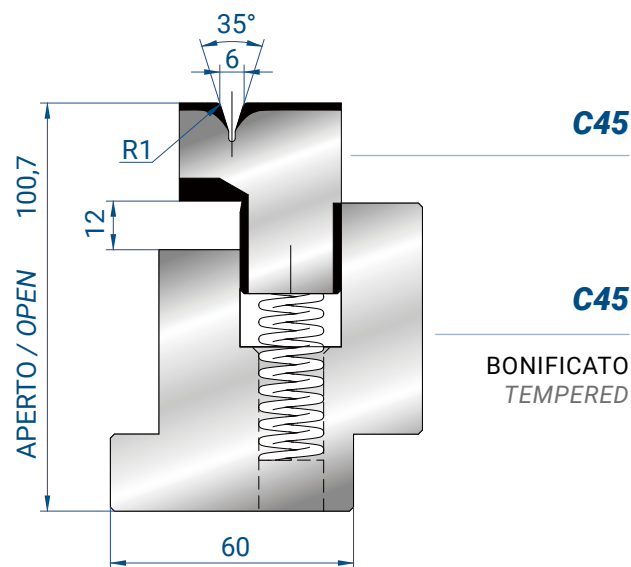
Spessore /
Sheet metal thickness =
Min 1,5 mm - Max 2,5 mm
Max T/m = 80



101

835 mm	32,0 kg
415 mm	16,0 kg

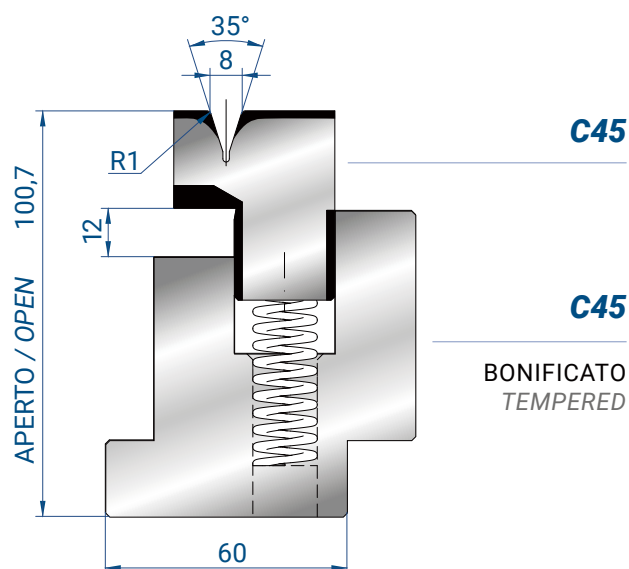
Spessore /
Sheet metal thickness = Max 1,0 mm
Max T/m = 80



102

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

Spessore /
Sheet metal thickness = Max 1,0 mm
Max T/m = 60



103

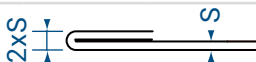
835 mm	34,0 kg
415 mm	17,0 kg

Spessore /
Sheet metal thickness = Max 1,2 mm
Max T/m = 60

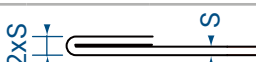
TONNELLAGGI PER SCHIACCIATURA HEMMING POWER



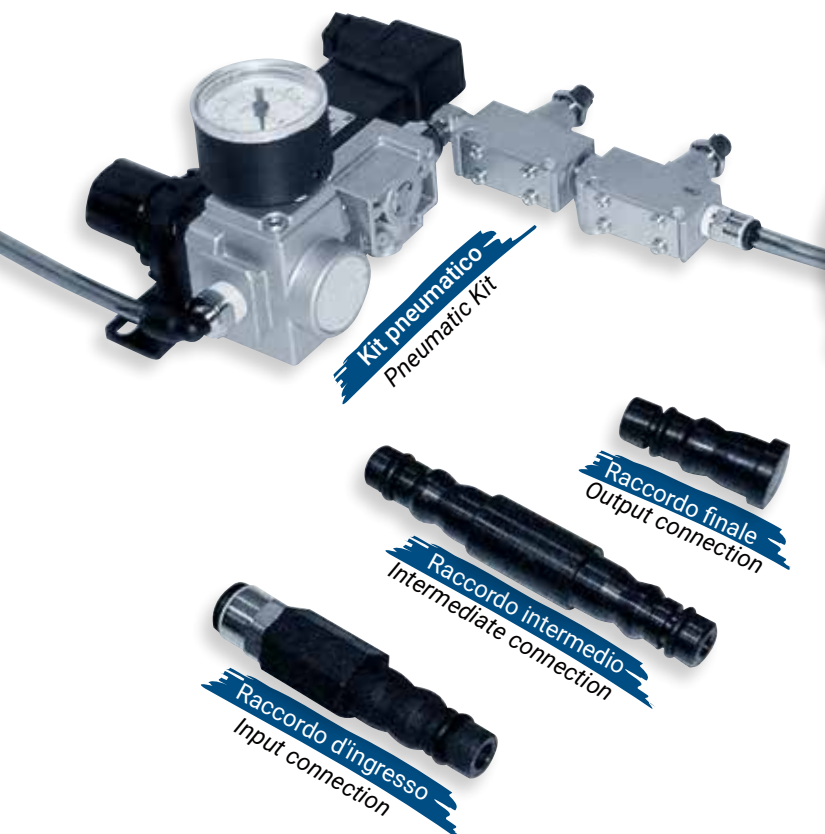
Ferro normale R.45 Kg/mm² / Mild Steel R.45 Kg/mm²

				
S mm	A mm	Ton /M	2xS	Ton /M
0,6	3	9	1,2	23
0,8	3	12	1,6	32
1	3,5	15	2	40
1,25	3,5	17	2,5	50
1,5	4,6	22	3	63
2	5,5	30	4	80
2,5	6,5	55	5	90
3	8	70	6	100

Inox R.70 Kg/mm² / Stainless Steel R.70 Kg/mm²

				
S mm	A mm	Ton /M	2xS	Ton /M
0,6	3	15	1,2	35
0,8	3	20	1,6	50
1	3,5	25	2	60
1,25	3,5	26	2,5	80
1,5	4,6	38	3	95
2	5.5	50	4	130

PIEGASCHIACCIA PNEUMATICI PNEUMATIC FLATTENING HEMMING TOOLS



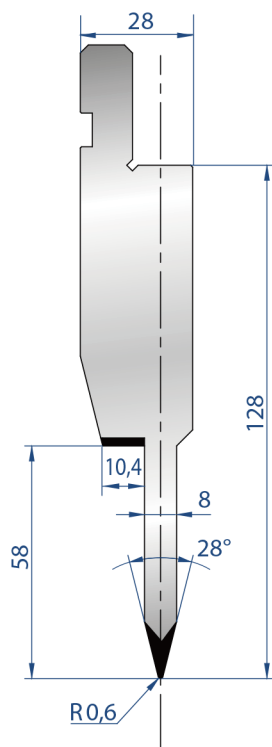
104

4,0 kg

KIT PNEUMATICO PNEUMATIC KIT

NECESSARIO PER
INSTALLAZIONE SISTEMI
PNEUMATICI
MANDATORY FOR
INSTALLATION OF
PNEUMATIC SYSTEMS

	V	A	R	H aperto/open	Max T/M
3038 PN	10	26°	1,5	135	100
				835 mm	42,0 kg
				415 mm	21,0 kg
3039 PN	6	35°	1	105	80
				835 mm	32,0 kg
				415 mm	16,0 kg
3040 PN	12	26°	3	135	100
				835 mm	42,0 kg
				415 mm	21,0 kg
3041 PN	8	30°	1,5	110	80
				835 mm	34,0 kg
				415 mm	17,0 kg



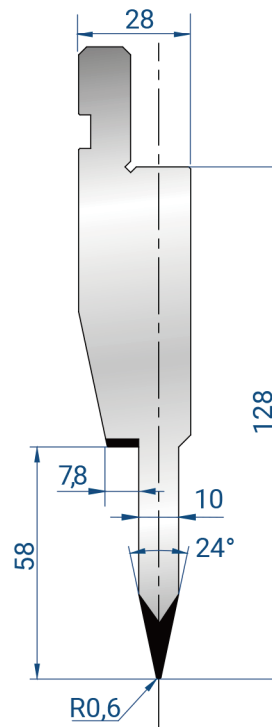
105

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

835 mm	17,0 kg
415 mm	8,0 kg
805 mm	17,0 kg
FRAZ. / SECT.	

**Spessore /
Thickness**

Max 1,2 mm
Ferro / *Mild steel*



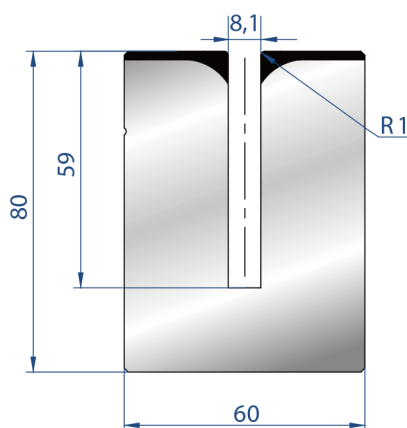
106

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

835 mm	18,0 kg
415 mm	9,0 kg
805 mm	18,0 kg
FRAZ. / SECT.	

**Spessore /
Thickness**

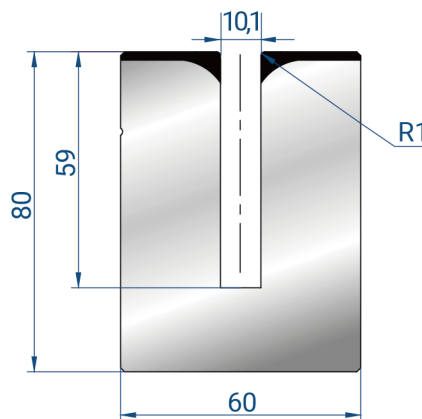
Max 1,5 mm
Ferro / *Mild steel*



107

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

835 mm	28,0 kg
415 mm	14,0 kg
805 mm	28,0 kg
FRAZ. / SECT.	

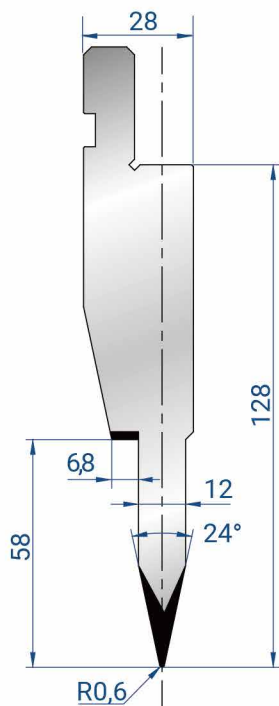


108

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

835 mm	27,0 kg
415 mm	13,0 kg
805 mm	27,0 kg
FRAZ. / SECT.	





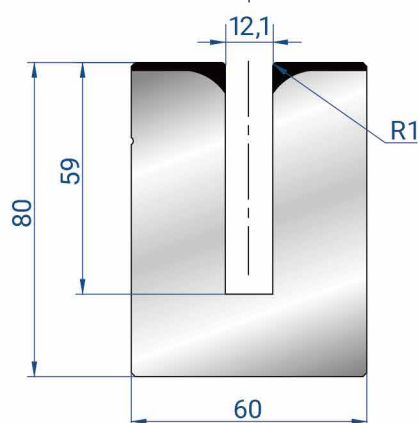
109

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

835 mm	18,0 kg
415 mm	9,0 kg
805 mm	18,0 kg
FRAZ. / SECT.	

Spessore /
Thickness

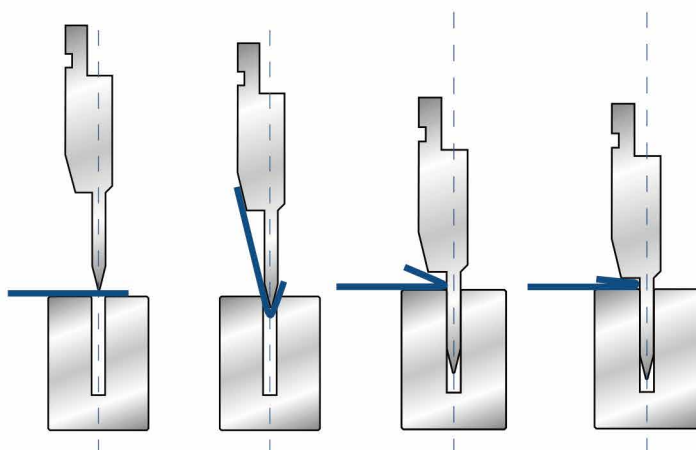
Max 1,5 mm
Ferro / *Mild steel*



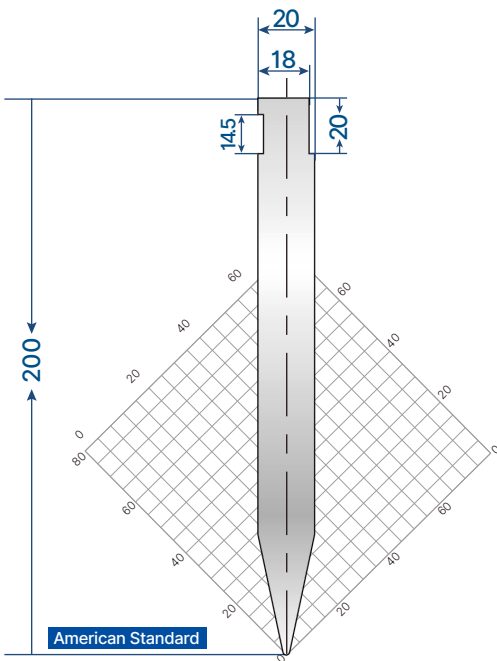
110

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

835 mm	26,0 kg
415 mm	13,0 kg
805 mm	26,0 kg
FRAZ. / SECT.	



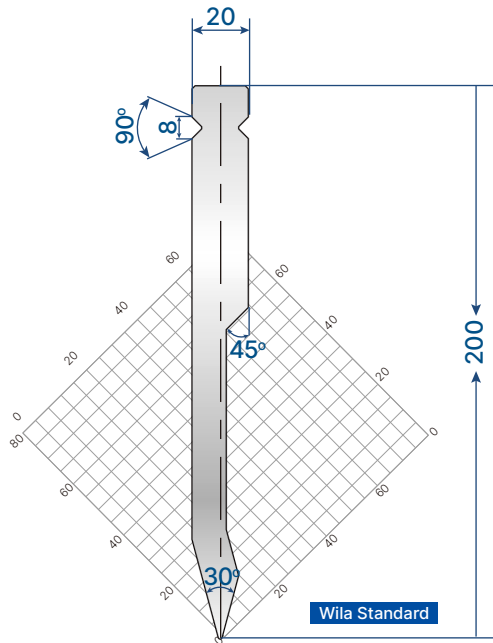
THREE TYPES OF TOOLING AVAILABLE



111

Mat = C45
H = 200
MaxT/m = 100
 α = 24°
R = 1

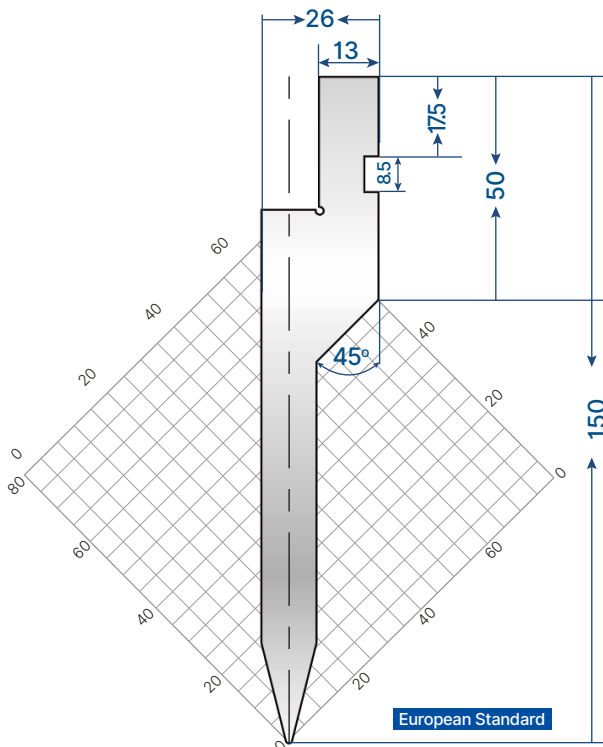
835mm	23,0 kg
415mm	11,0 kg
805mm FRAZ./SECT.	22,0 kg



112

Mat = C45
H = 200
MaxT/m = 50
 α = 30°
R = 0.5

835mm	19,0 kg
415mm	10,0 kg
805mm FRAZ./SECT.	18,0 kg



113

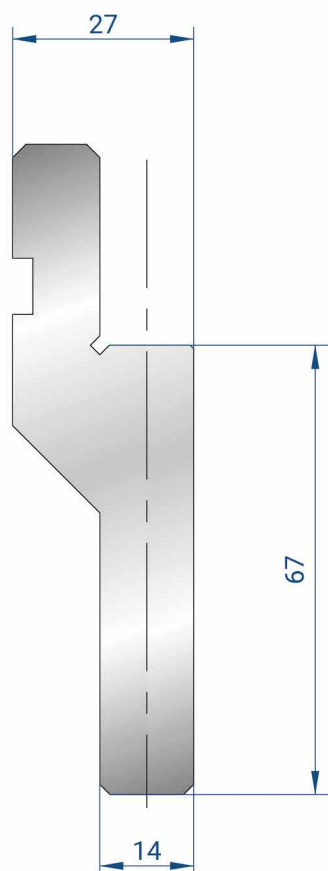
Mat = C45
H = 150
MaxT/m = 100
 α = 28°
R = 0.5

835mm	13,0 kg
415mm	7,0 kg
805mm FRAZ./SECT.	13,0 kg

ACCESSORI ACCESSORIES







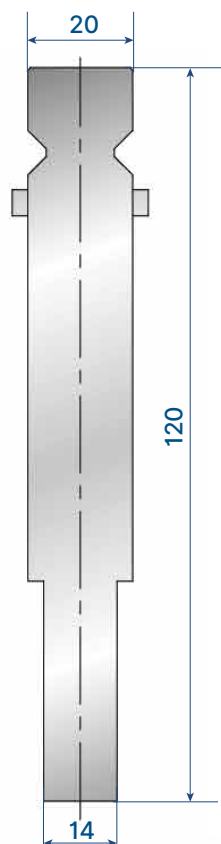
114

AMADA PROMECAM STYLE

Mat = C45

Max T/m = 100

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



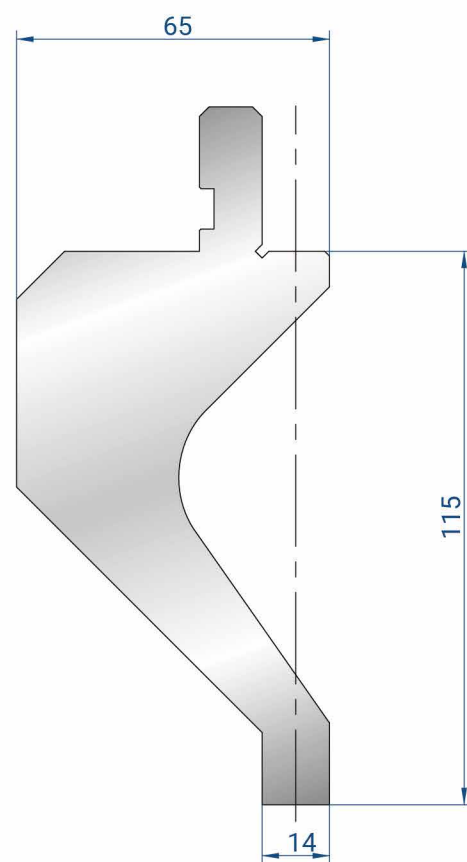
115

AMADA PROMECAM STYLE

Mat = C45

Max T/m = 100

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



116

AMADA PROMECAM STYLE

Mat = C45

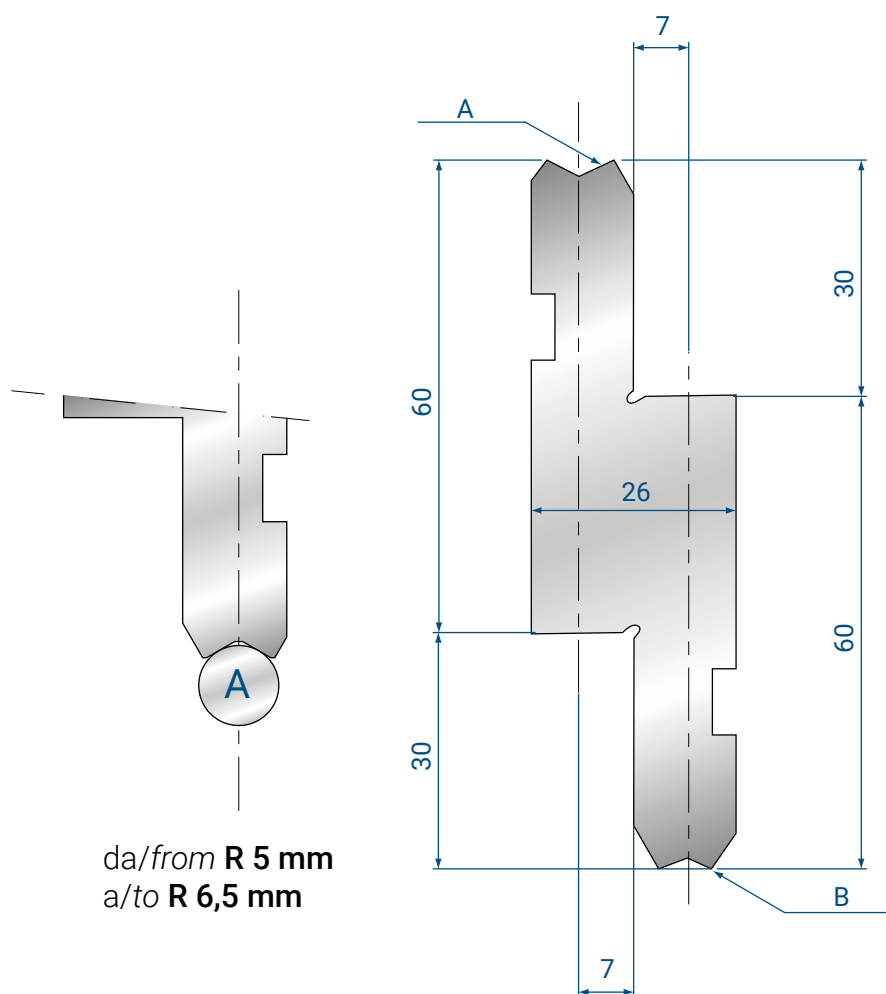
Max T/m = 50

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



SUPPORTI PER INSERTI RAGGIATI PICCOLI

SMALL RADIUS INSERTS HOLDERS



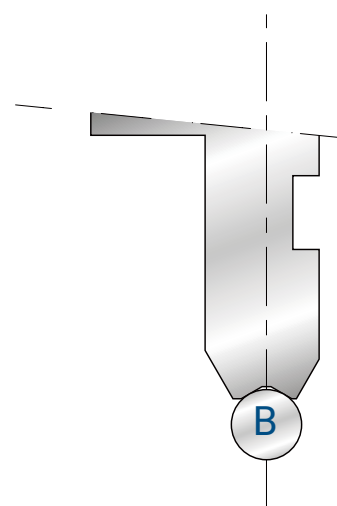
da/from R 5 mm
a/to R 6,5 mm

117

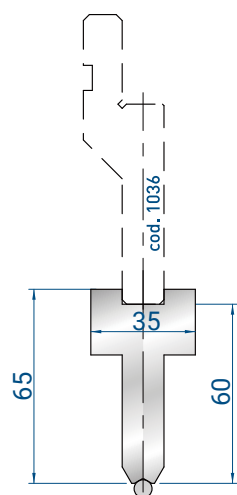
AMADA/PROMECAM STYLE

Mat = C45

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



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



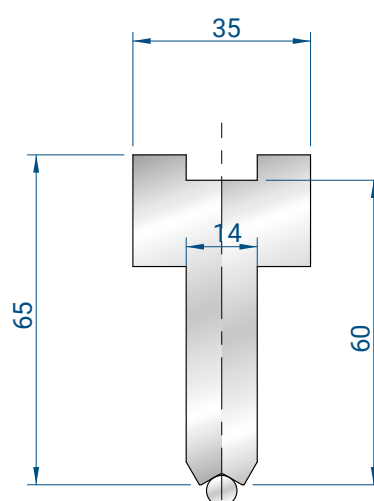
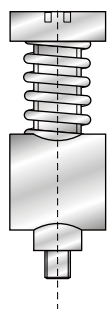
118

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

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

119

PEZZO DI RICAMBIO
SPARE PART



120

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

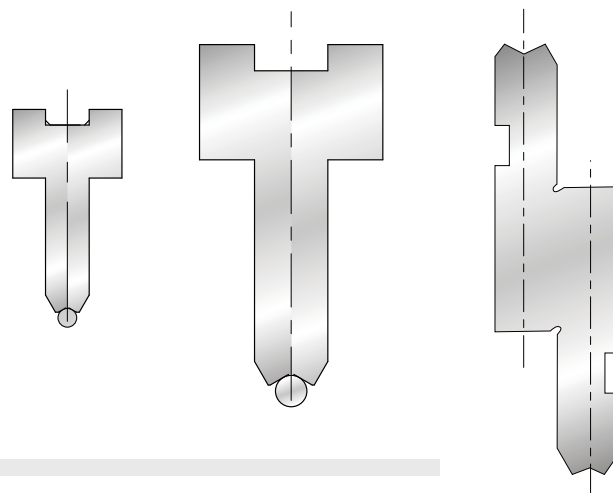
830 mm	8,0 kg
410 mm	4,0 kg

INSERTI RAGGIATI PICCOLI

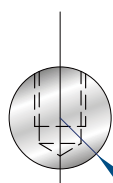
SMALL RADIUS INSERTS

SOLO PER SUPPORTI
ONLY FOR HOLDERS

117 - 118 - 120



PROMECAM STYLE

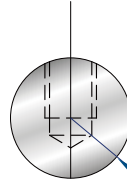


121

Mat = C45

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

R 3

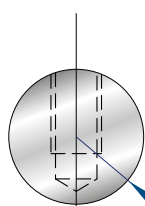


122

Mat = C45

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

R 3,5

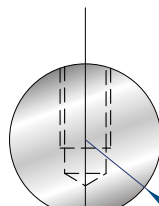


123

Mat = C45

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

R 4

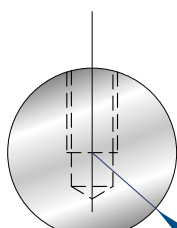


124

Mat = C45

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

R 4,5

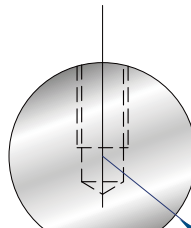


125

Mat = C45

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

R 5

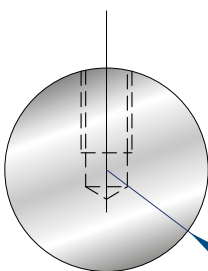


126

Mat = C45

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

R 5,5

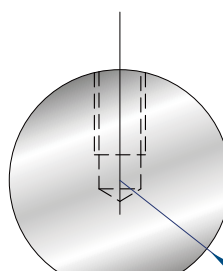


127

Mat = C45

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

R 6



128

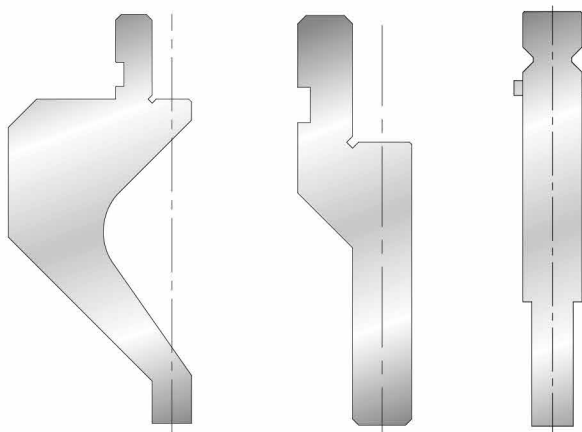
Mat = C45

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

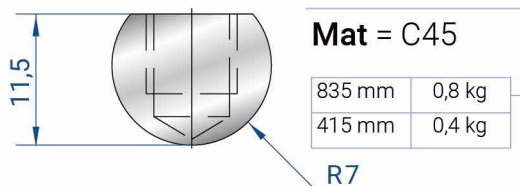
R 6,5

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

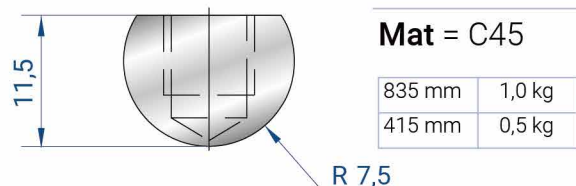
114- 115 - 126



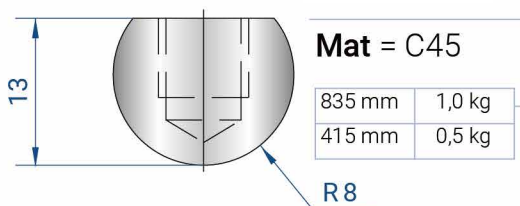
129



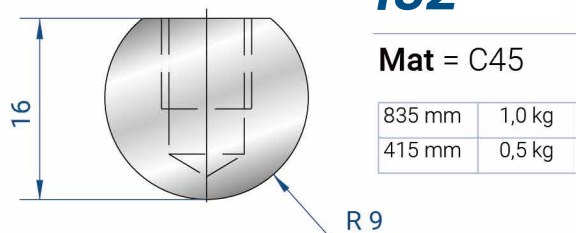
130



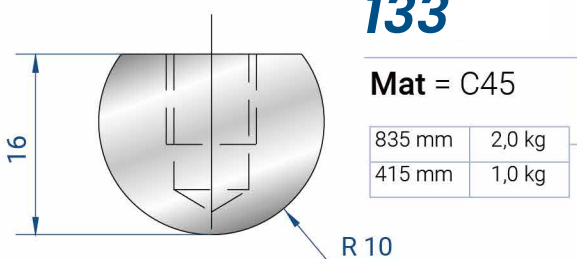
131



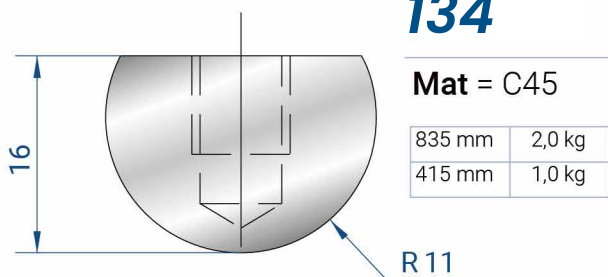
132

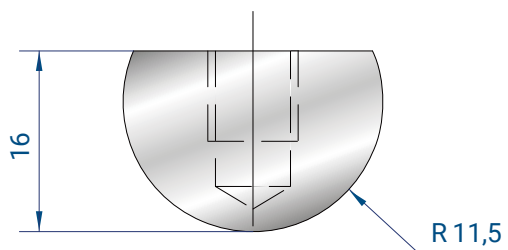


133



134

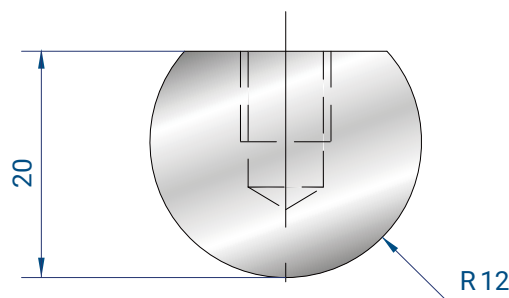




135

Mat = C45

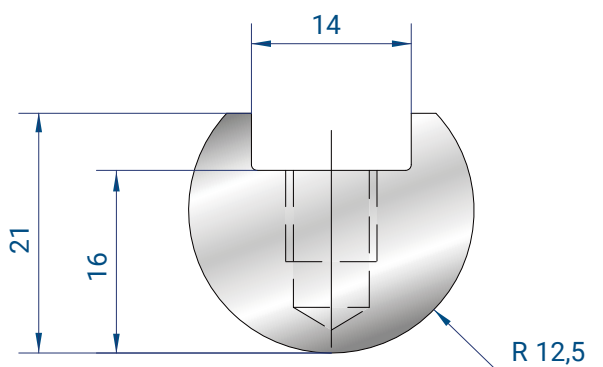
835 mm	2,0 kg
415 mm	1,0 kg



136

Mat = C45

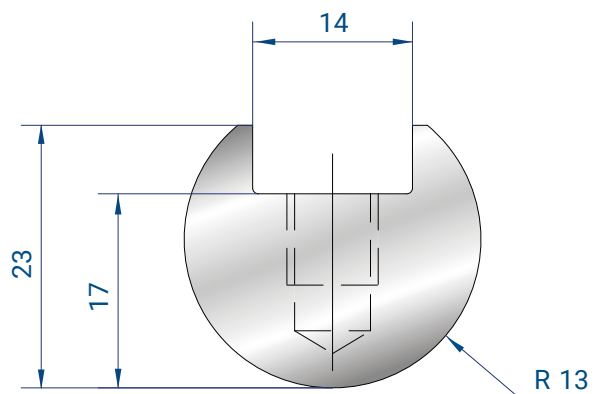
835 mm	2,0 kg
415 mm	1,0 kg



137

Mat = C45

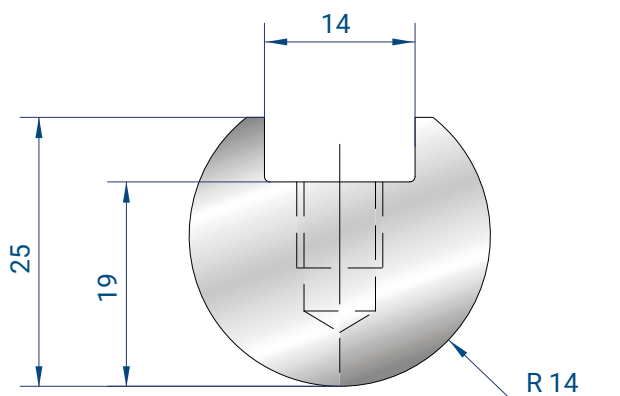
835 mm	3,0 kg
415 mm	1,5 kg



138

Mat = C45

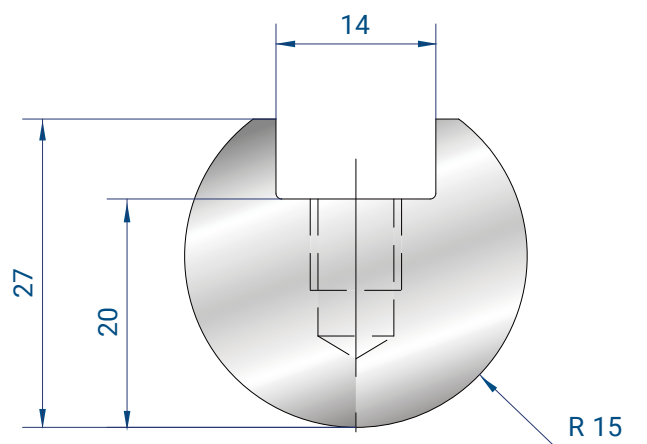
835 mm	3,0 kg
415 mm	1,0 kg



139

Mat = C45

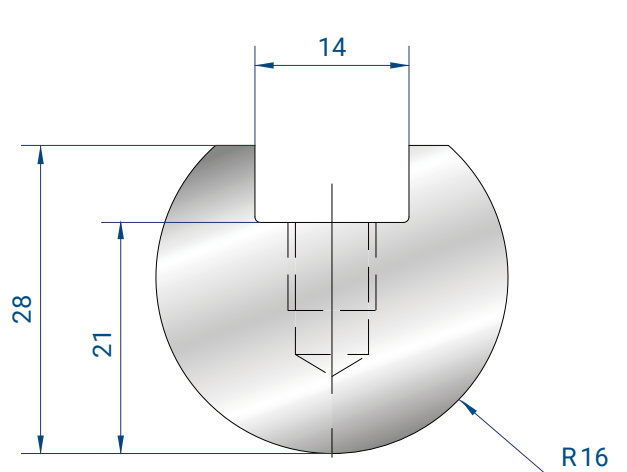
835 mm	4,0 kg
415 mm	2,0 kg



140

Mat = C45

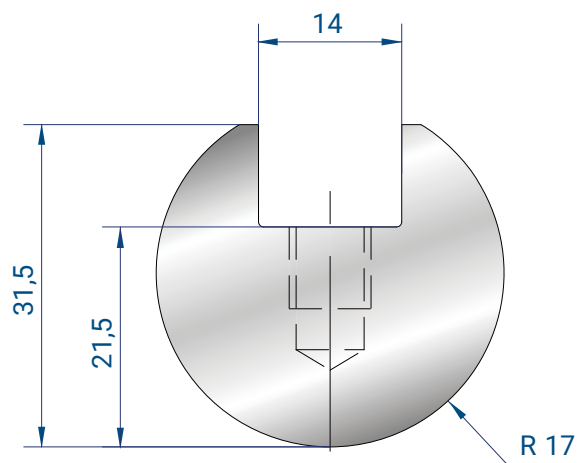
835 mm	4,0 kg
415 mm	2,0 kg



141

Mat = C45

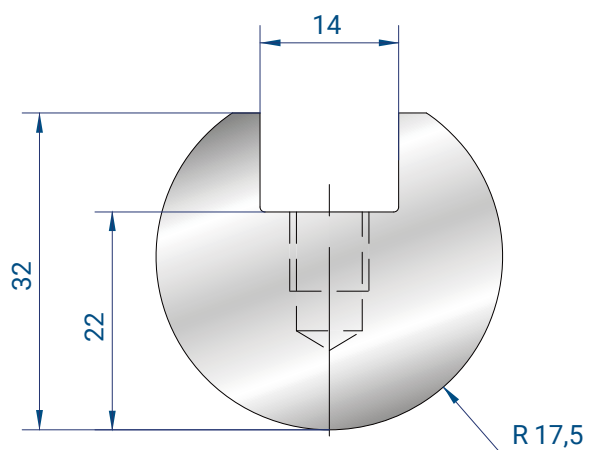
835 mm	5,0 kg
415 mm	2,0 kg



142

Mat = C45

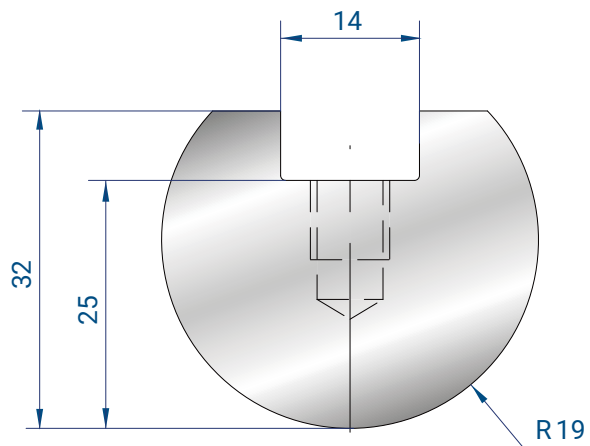
835 mm	5,0 kg
415 mm	2,5 kg



143

Mat = C45

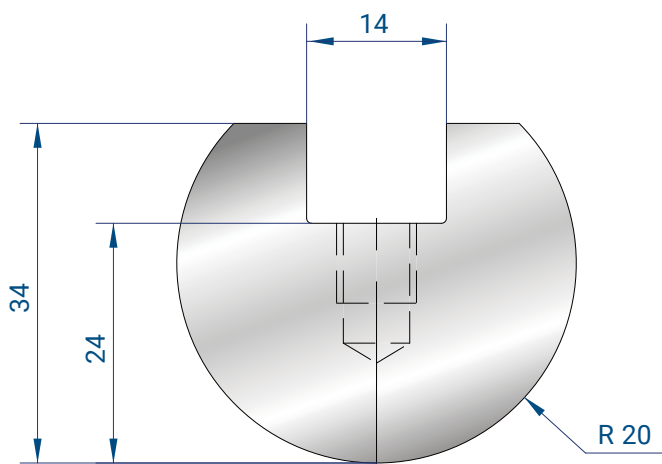
835 mm	5,0 kg
415 mm	2,5 kg



144

Mat = C45

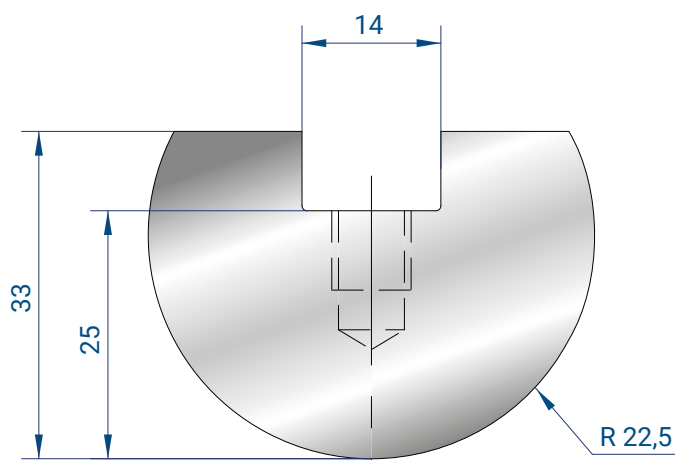
835 mm	6,0 kg
415 mm	3,0 kg



145

Mat = C45

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



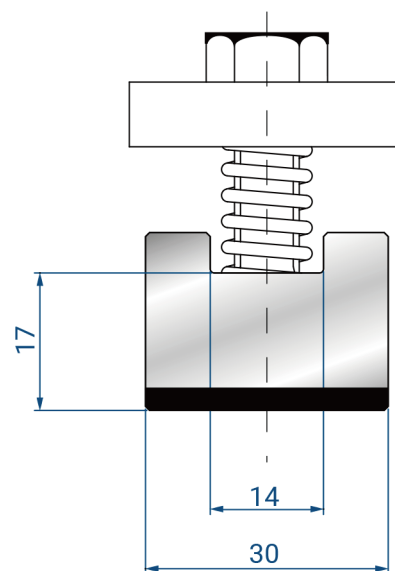
146

Mat = C45

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

INSERTI QUADRI E ACCESSORI

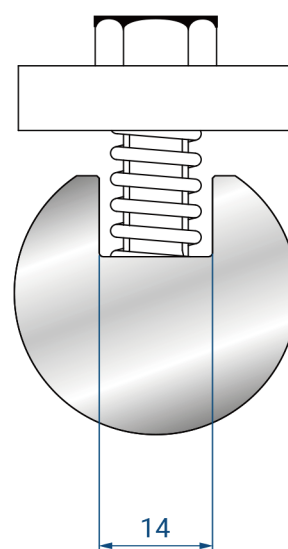
FLATTENING INSERTS AND ACCESSORIES



147

Mat = C45

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



148

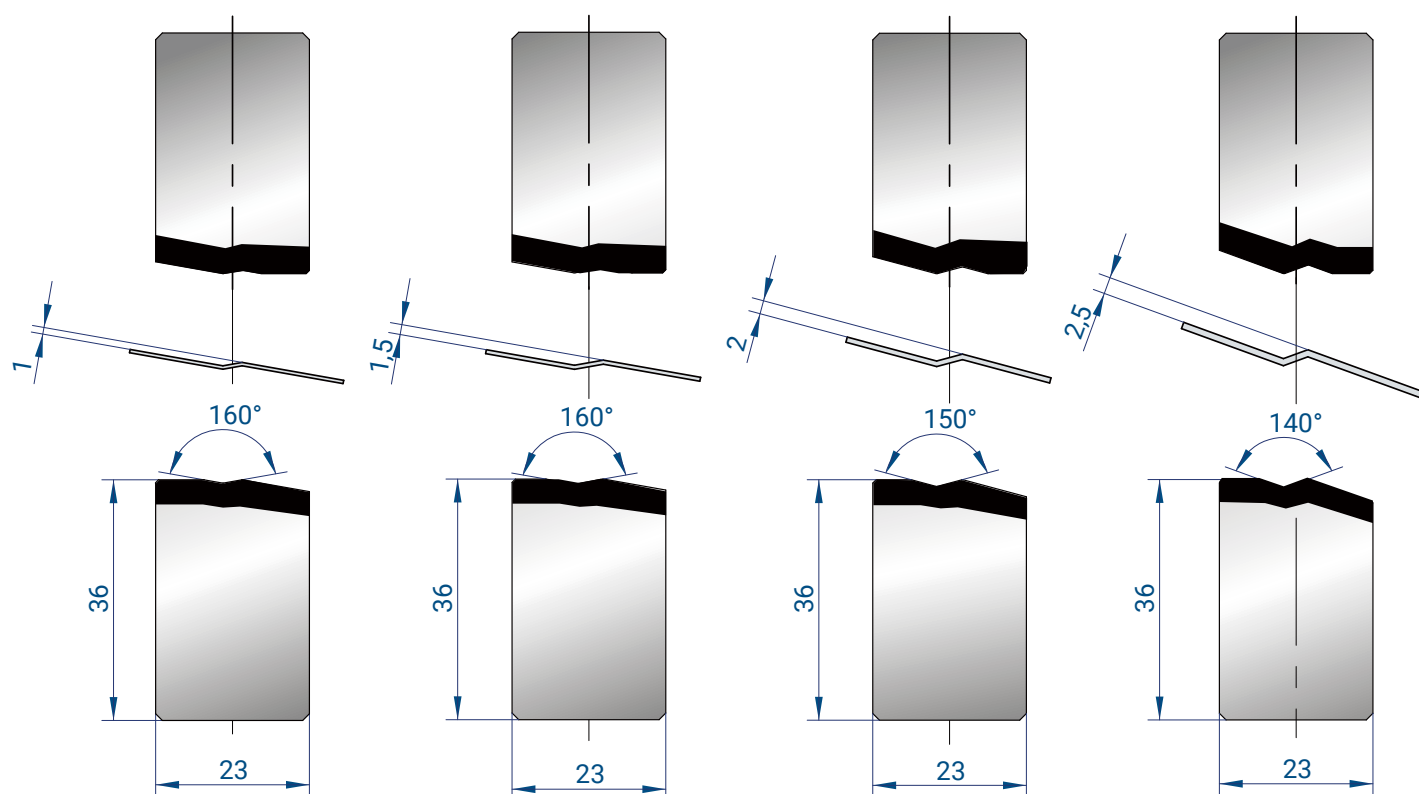
Mat = C45

MOLLA + VITE + PIASTRINA
SPRING + SCREW + PLATE

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





149

160°
Mat = C45

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

150

160°
Mat = C45

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

151

150°
Mat = C45

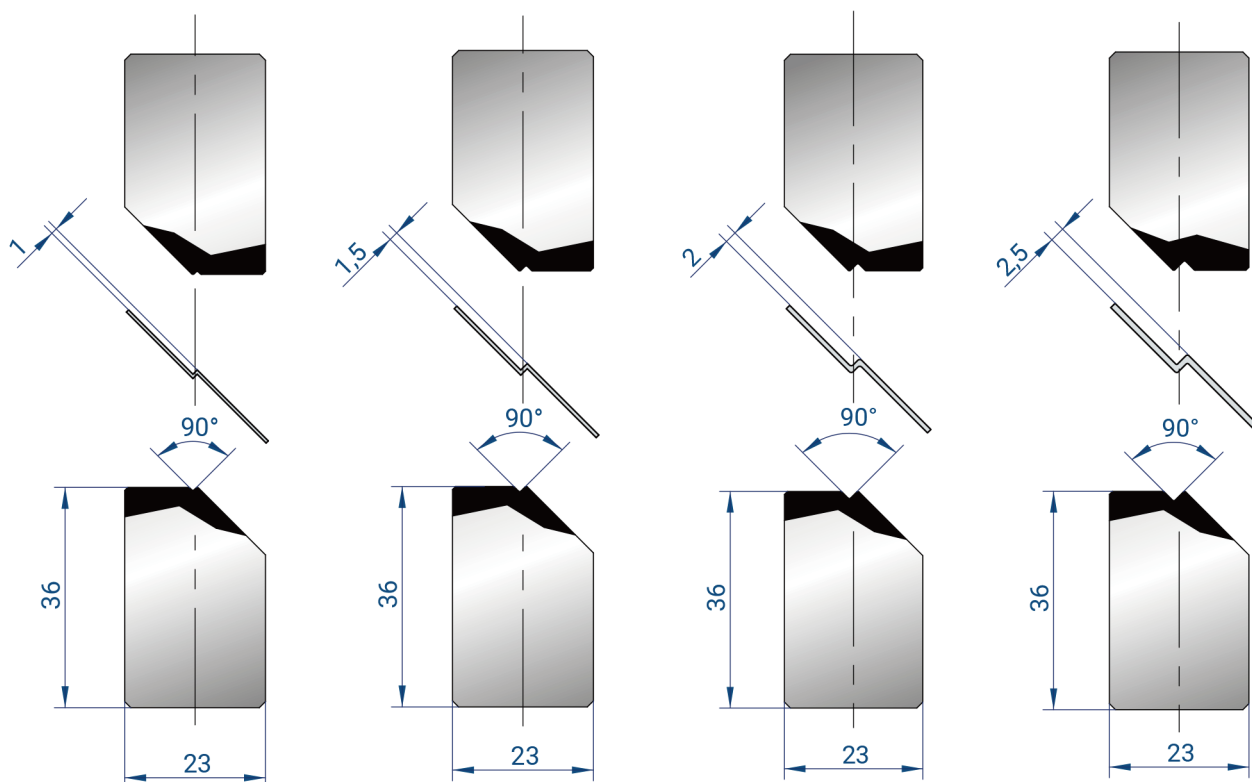
835 mm	10,0 kg
415 mm	5,0 kg

152

140°
Mat = C45

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

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



153

90°

Mat = C45

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

154

90°

Mat = C45

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

155

90°

Mat = C45

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

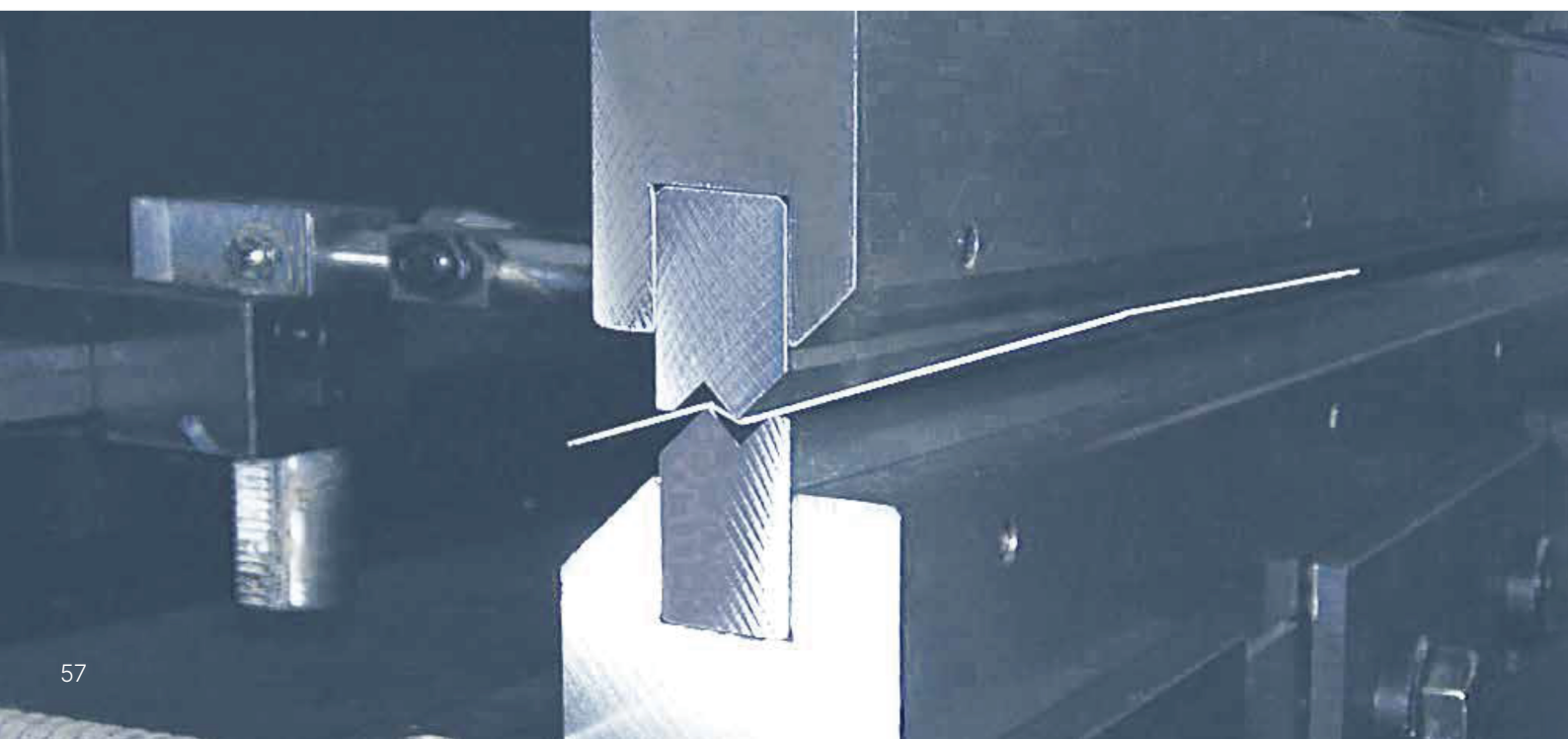
156

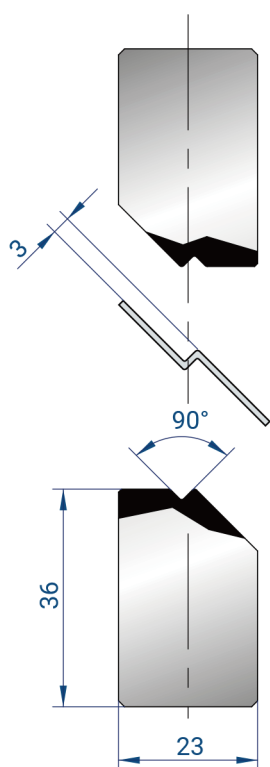
90°

Mat = C45

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

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

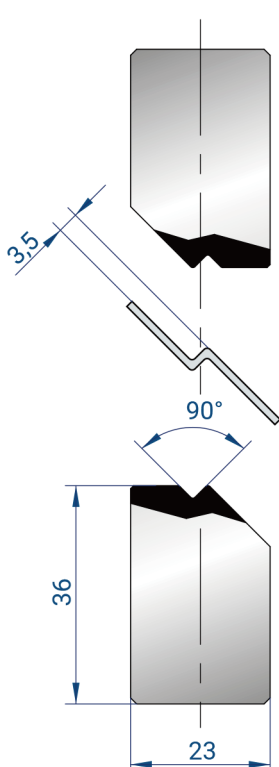




157

90°
Mat = C45

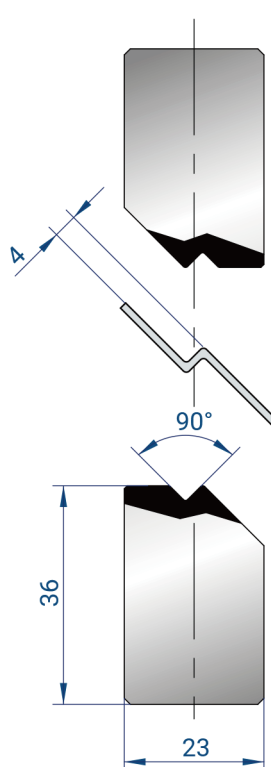
835 mm	10,0 kg
415 mm	5,0 kg



158

90°
Mat = C45

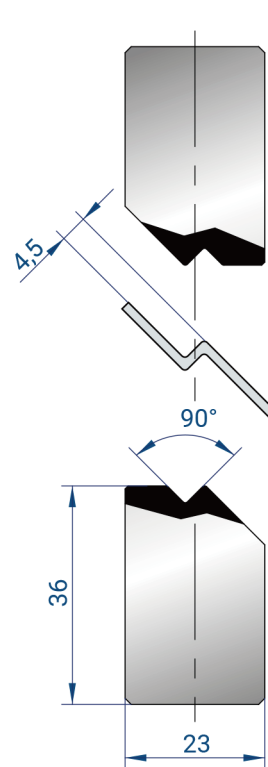
835 mm	10,0 kg
415 mm	5,0 kg



159

90°
Mat = C45

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



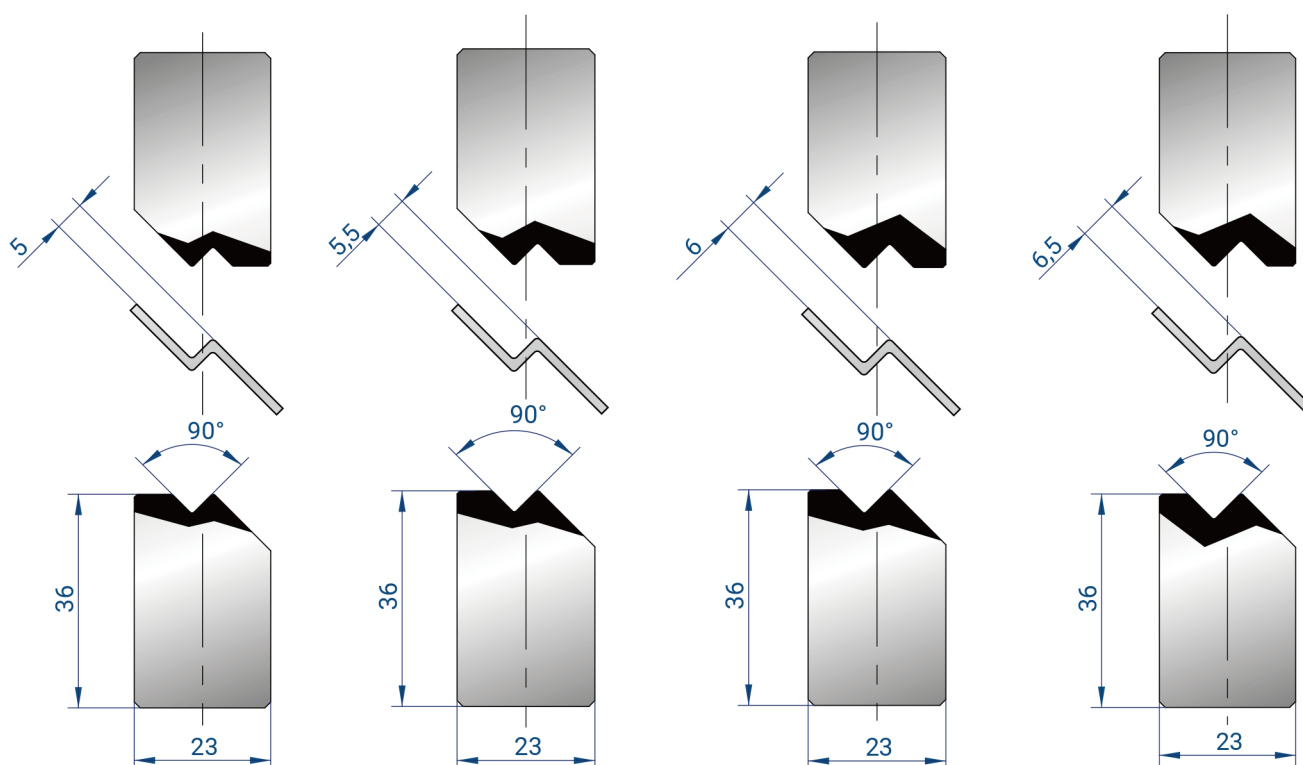
160

90°
Mat = C45

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

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





161

90°
Mat = C45

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

162

90°
Mat = C45

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

163

90°
Mat = C45

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

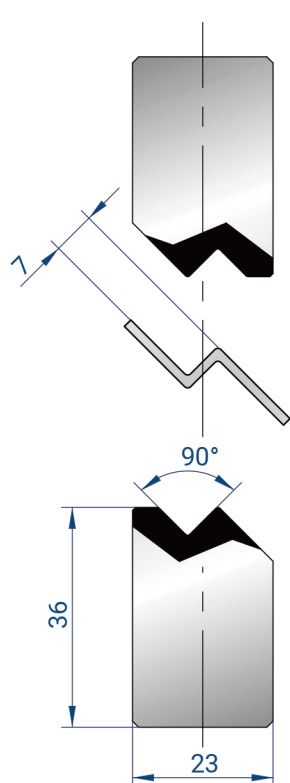
164

90°
Mat = C45

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

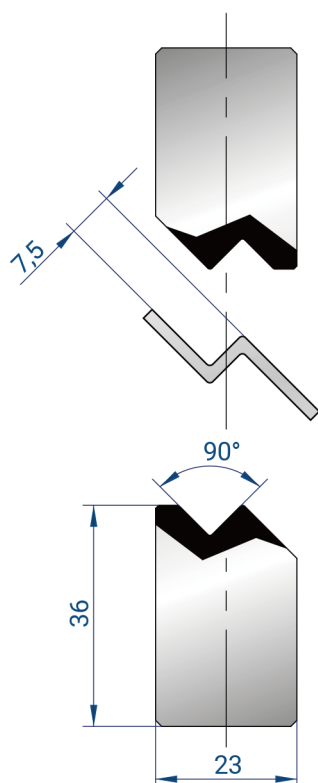
PER VERIFICARE LA FATTIBILITÀ DELLA PIEGA IN BASE ALLO SPESSORE LAMIERA, VEDI TABELLA PAGINA 196
TO CHOOSE THE RIGHT JOOGLE TOOL BASED ON THE SHEET THICKNESS, PLEASE SEE THE CHART ON PAGE 196




165

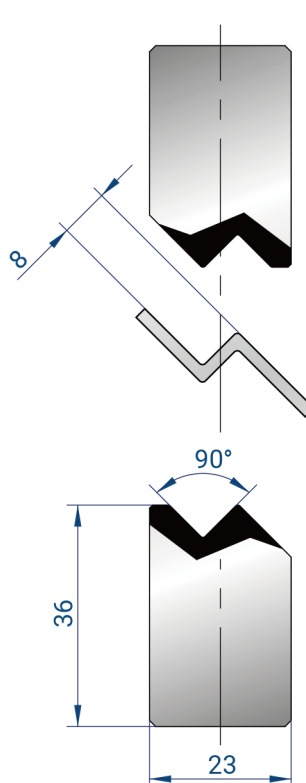
90°
Mat = C45

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


166

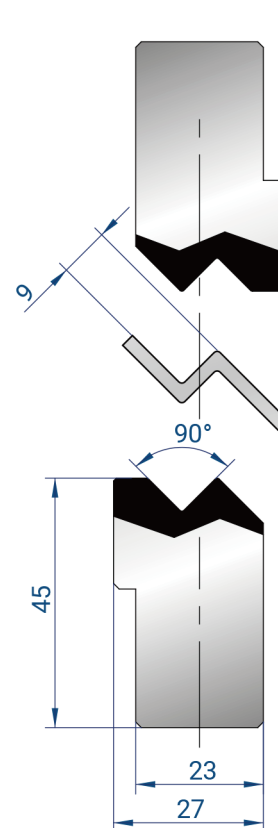
90°
Mat = C45

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


167

90°
Mat = C45

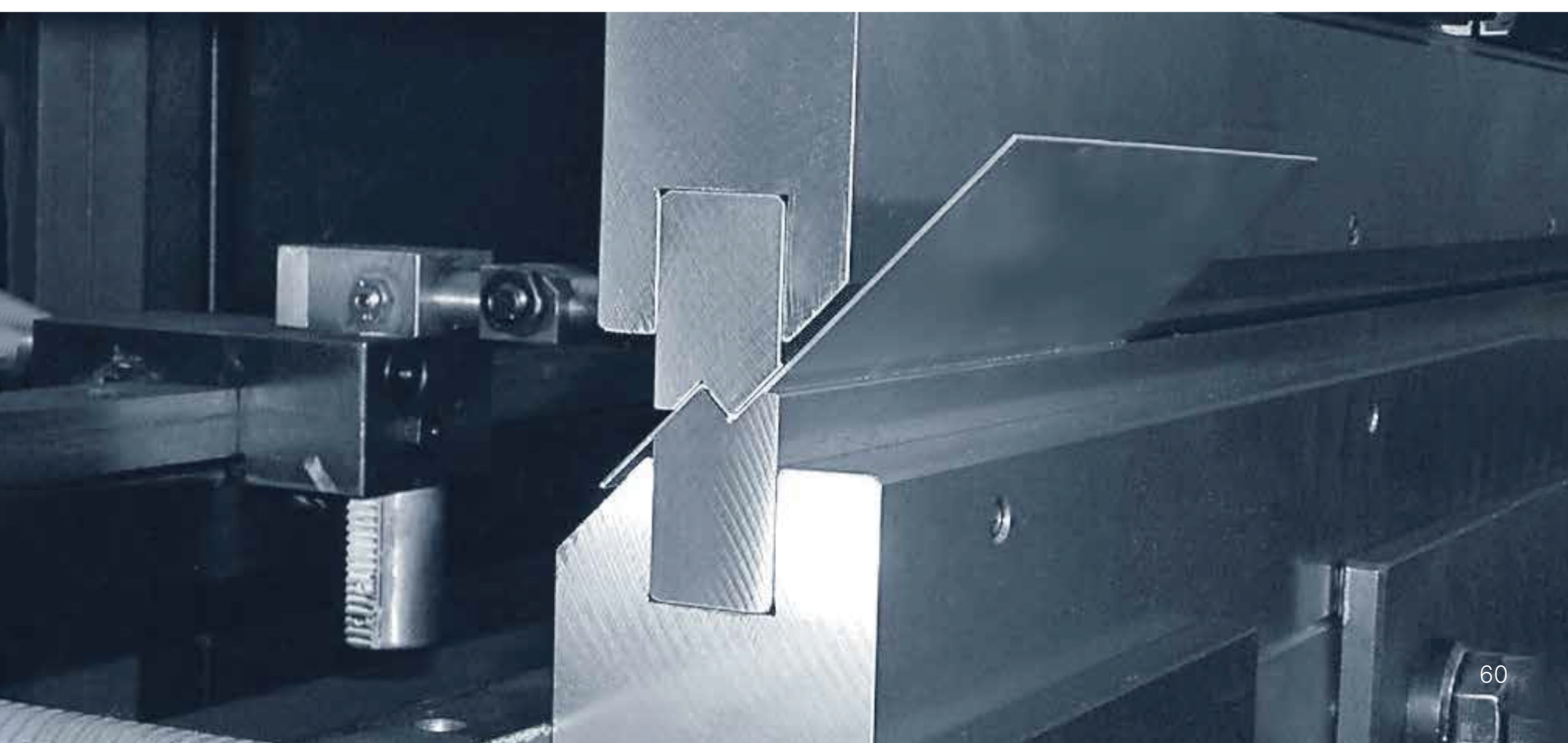
835 mm	10,0 kg
415 mm	5,0 kg

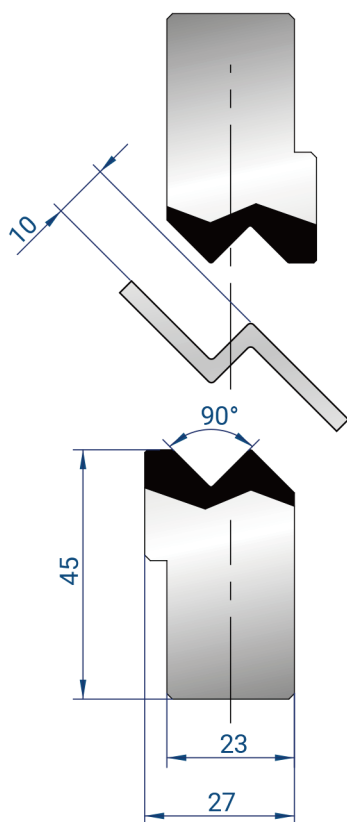

168

90°
Mat = C45

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

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



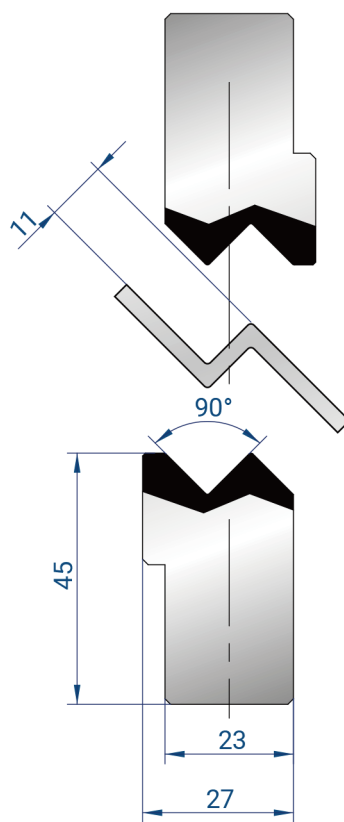


169

90°

Mat = C45

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

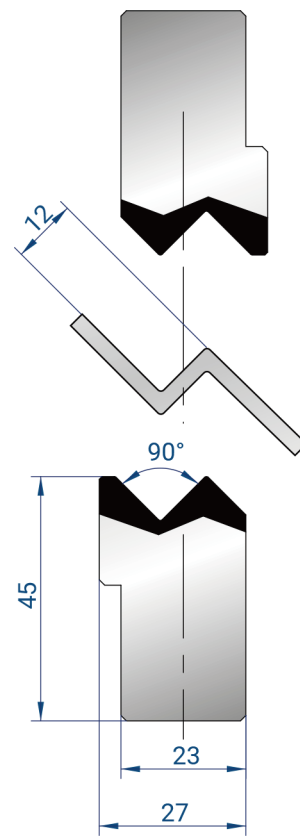


170

90°

Mat = C45

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



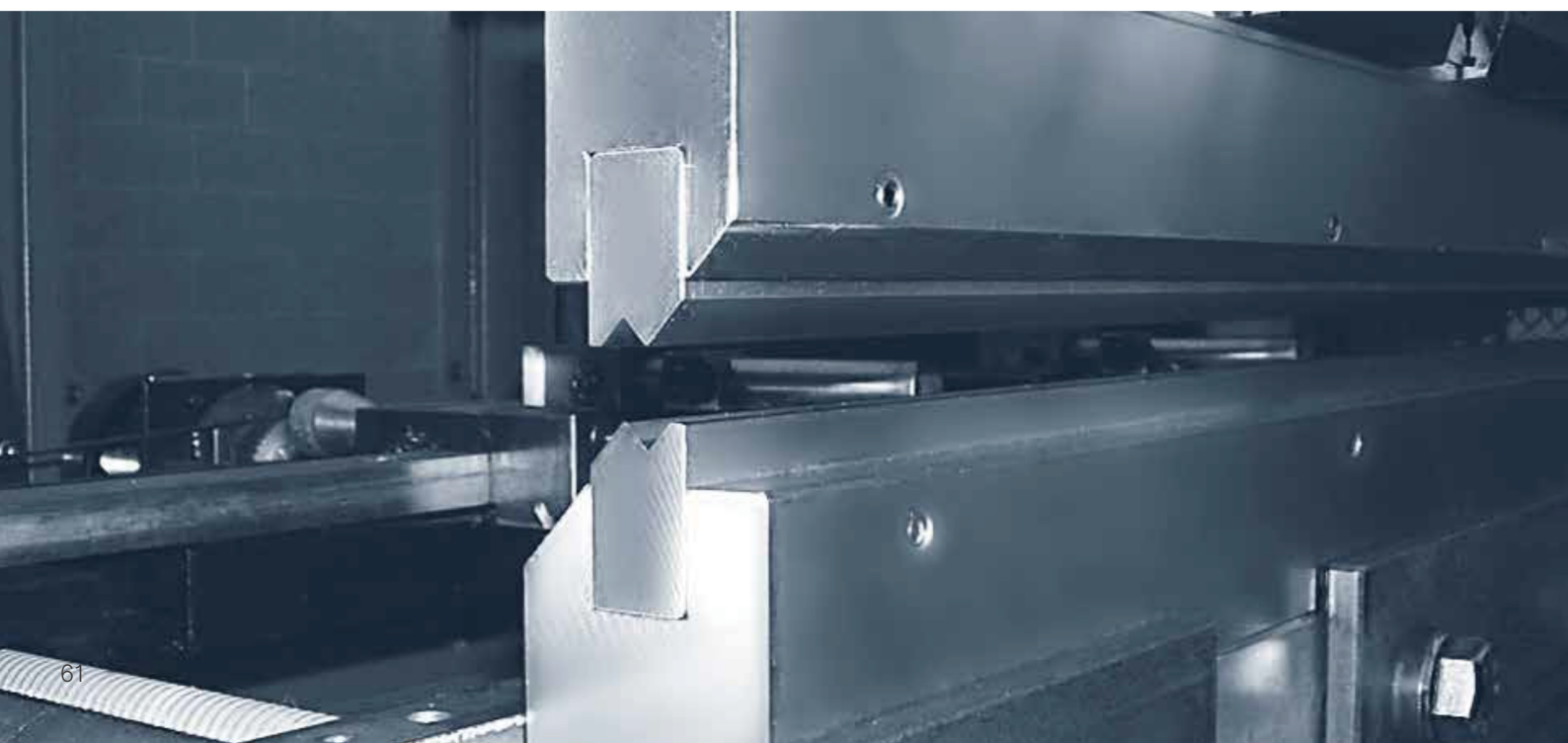
171

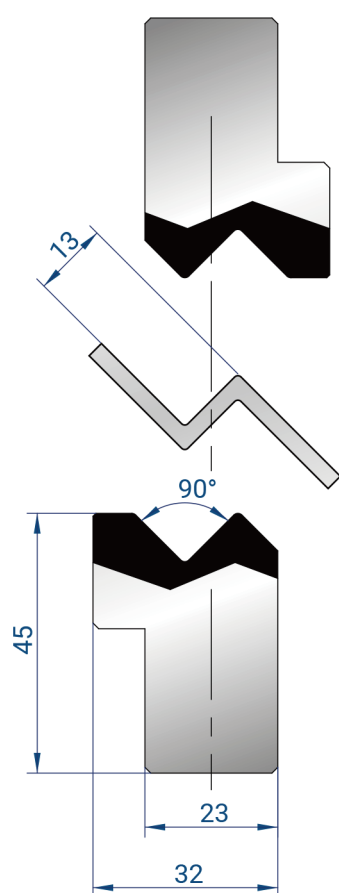
90°

Mat = C45

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

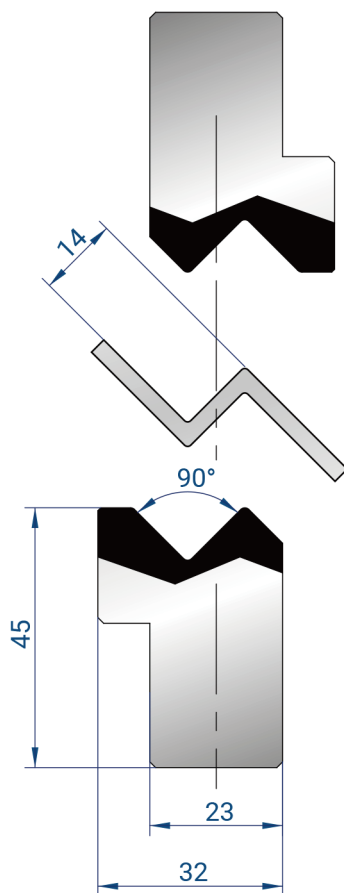
PER VERIFICARE LA FATTIBILITÀ DELLA PIEGA IN BASE ALLO SPESSORE LAMIERA, VEDI TABELLA PAGINA 196
TO CHOOSE THE RIGHT JOOGLE TOOL BASED ON THE SHEET THICKNESS, PLEASE SEE THE CHART ON PAGE 196




172

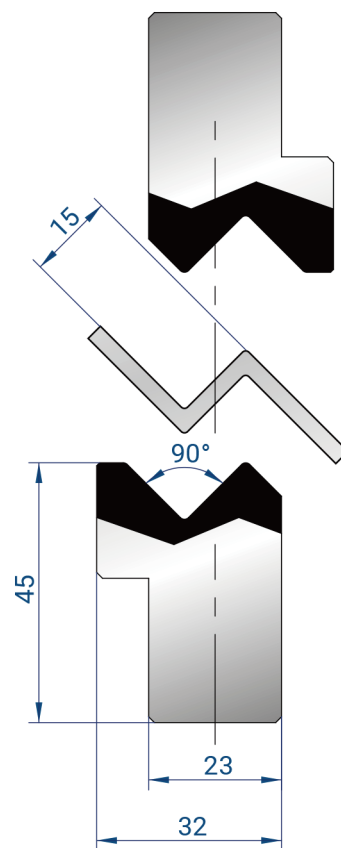
90°
Mat = C45

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


173

90°
Mat = C45

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

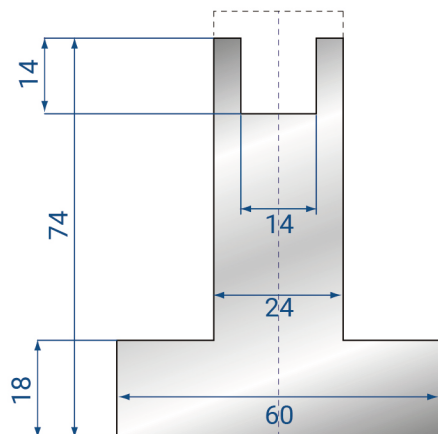

174

90°
Mat = C45

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

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

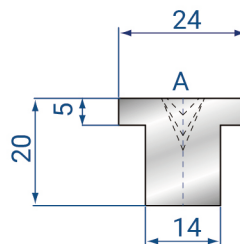




175

AMADA STYLE

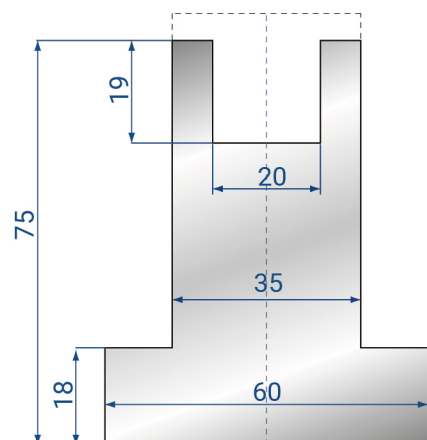
835 mm	15,0 kg
415 mm	7,0 kg



176

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

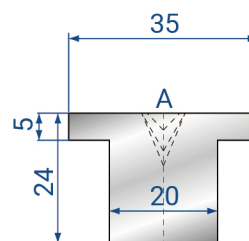
A	V		
88°	6	8	10
60°	6	8	10
45°	6	8	10
30°	6	8	



177

AMADA STYLE

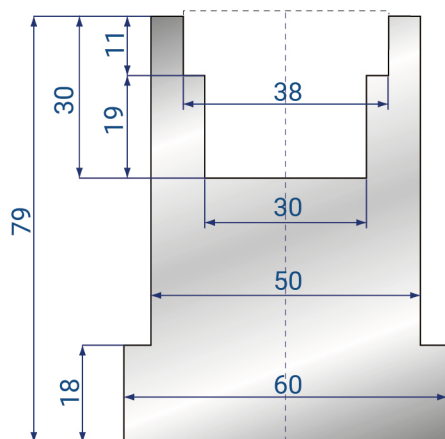
835 mm	19,0 kg
415 mm	9,0 kg



178

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

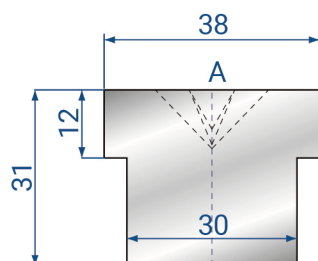
A	V				
88°	6	8	10	12	16
60°	6	8	10	12	16
45°	6	8	10	12	
30°	6	8	10		



179

AMADA STYLE

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



181

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

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

180

BYSTRONIC
TRUMPF WILA
STYLE

H = 50

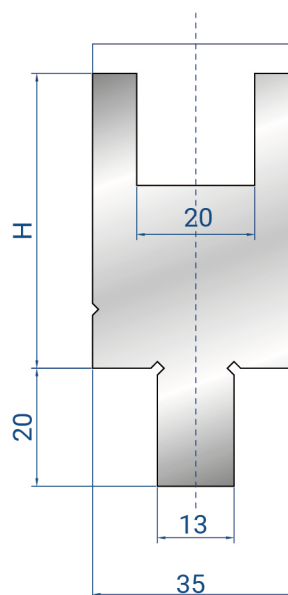
835 mm	11,0 kg
415 mm	5,0 kg

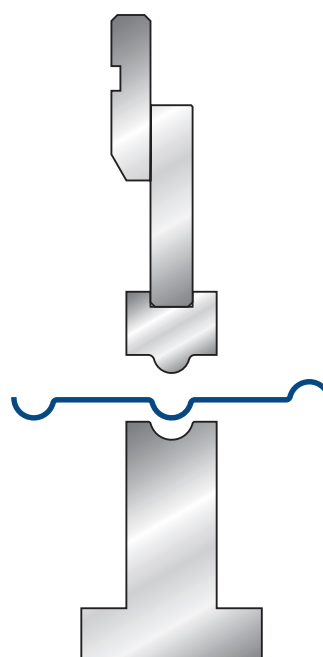
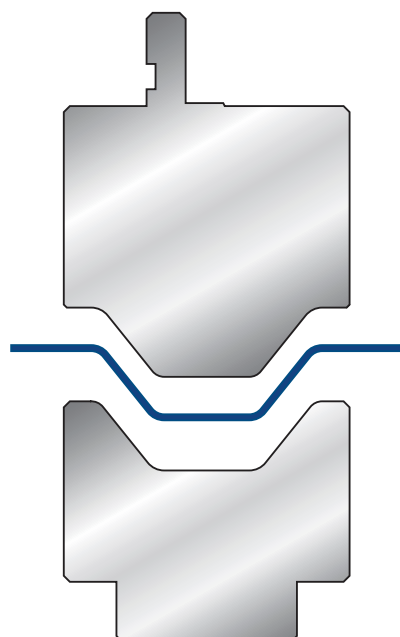
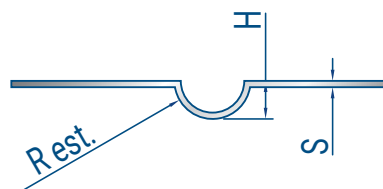
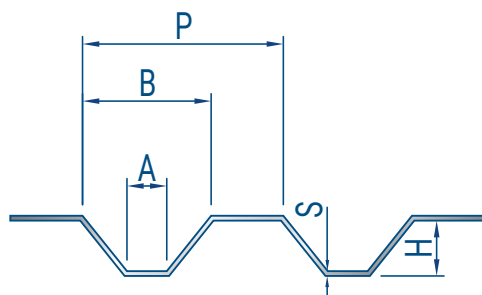
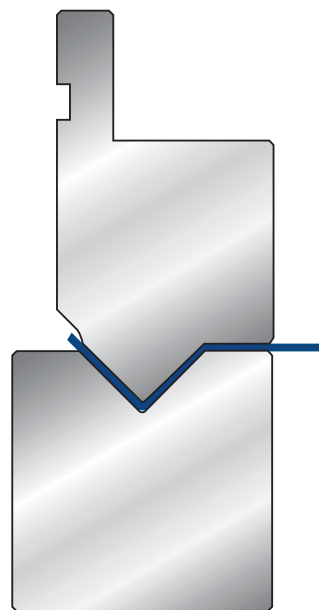
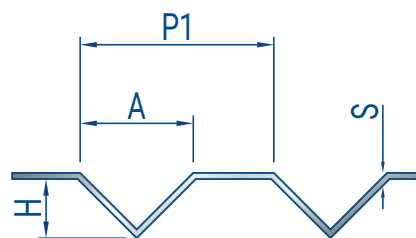
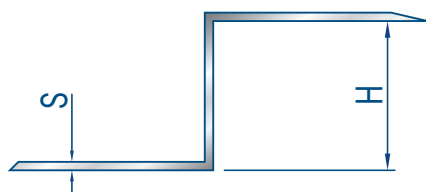
182

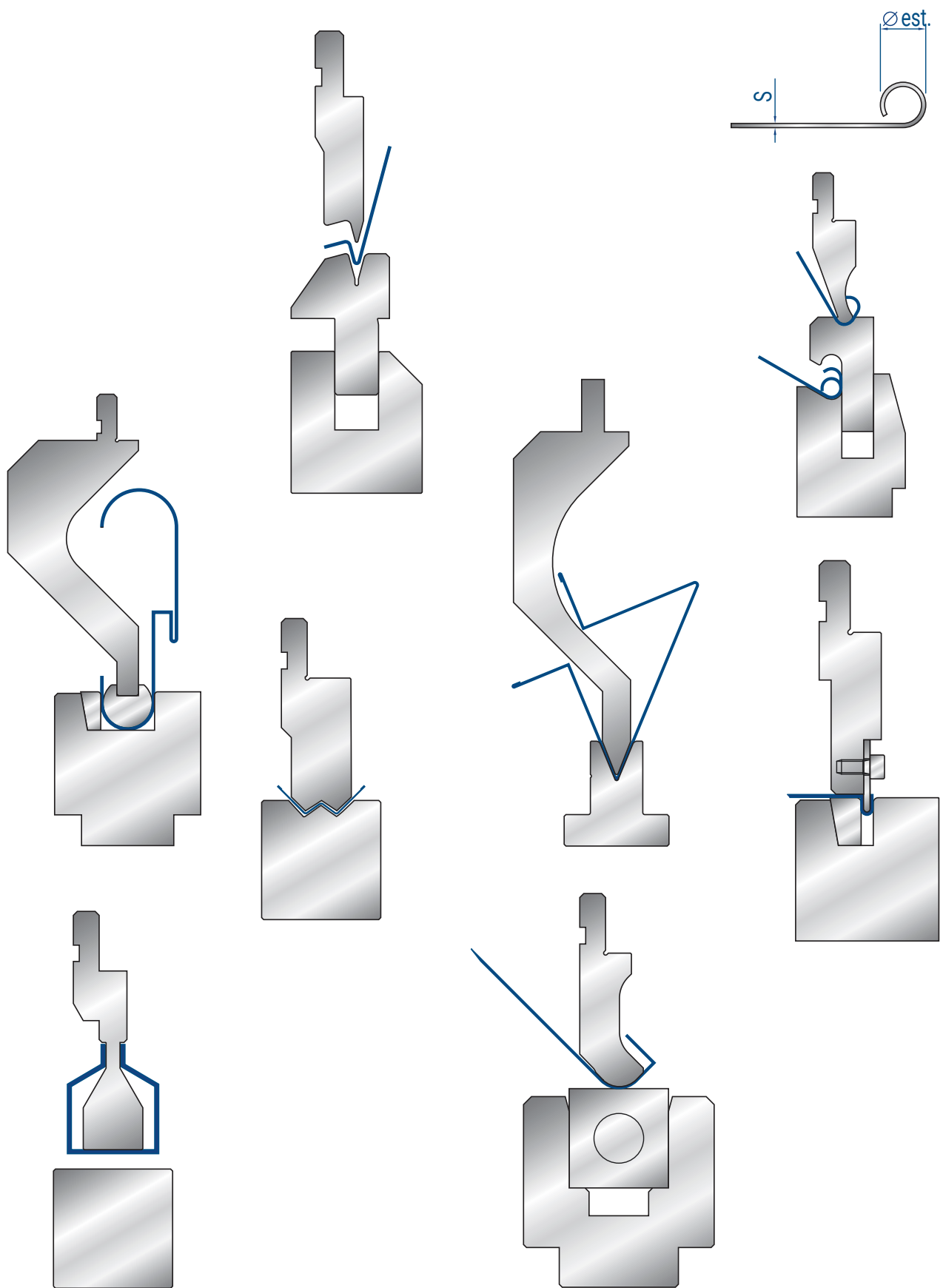
BYSTRONIC
TRUMPF WILA
STYLE

H = 95

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







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