

AMADA

DMO
DESPRATS MACHINES-OUTILS

Press brake tooling and equipment

OUTILS ET ÉQUIPEMENTS POUR PRESSES PLIEUSES

DMO - DESPRATS MACHINES-OUTILS

Votre partenaire pour les machines de tolerie et leur outillage.

DMO propose des machines reconditionnees ainsi que des prestations de maintenance et de service apres-vente. Ce catalogue presente une gamme de poincons, matrices et accessoires pour presses plieuses.

Pour le choix des references et leur compatibilite avec votre machine, contactez DMO.

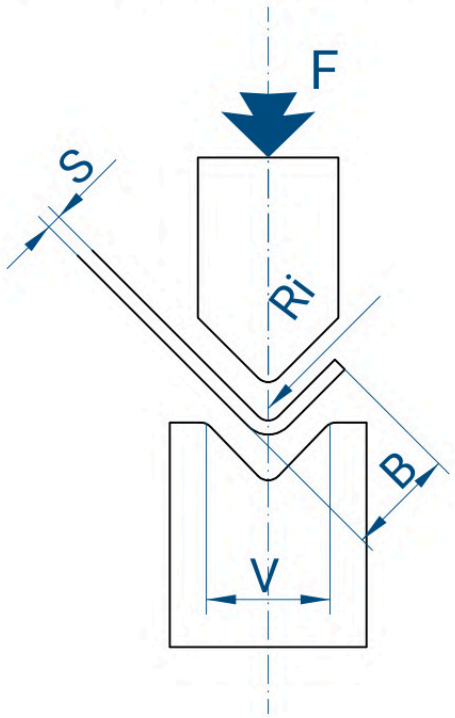


OUTILLAGE POUR PRESSES PLIEUSES

Poincons, matrices, adaptateurs et accessoires.
www.dmomachinesoutils.fr

Calcul de la force de pliage en l’air

Air bending force calculation



S	Épaisseur de tôle - mm Sheet metal thickness - mm	**Ri**	Rayon intérieur Inside radius
V	Ouverture du V V-opening	**R**	Aluminium 20-25 kg/mmq Aluminium 20-25 kg/mmq
F	Force en t/m Force in T/m	**R**	Acier doux 40-45 kg/mmq Mild steel 40-45 kg/mmq
B	Bord minimal Shortest edge	**R**	Inox 65-70 kg/mmq Stainless steel 65-70 kg/mmq

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

Rapport entre épaisseur de tôle et ouverture du V

Sheet metal thickness/V-shape width ratio

S	Épaisseur de tôle - mm Sheet metal thickness - mm	0,5-2,5	3-8	9-10	12 ou plus 12 or more
V	Ouverture du V “V” width	6 S	8 S	10 S	12 S

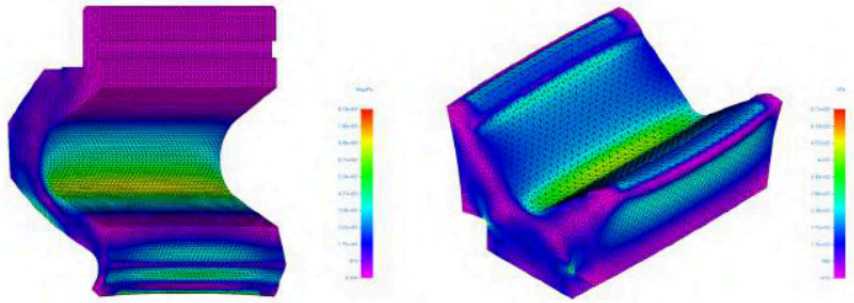


Tableau de pliage en l'air - Acier doux / Air bending table - Mild Steel

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

Tableau de pliage en l'air - Acier inoxydable / 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**

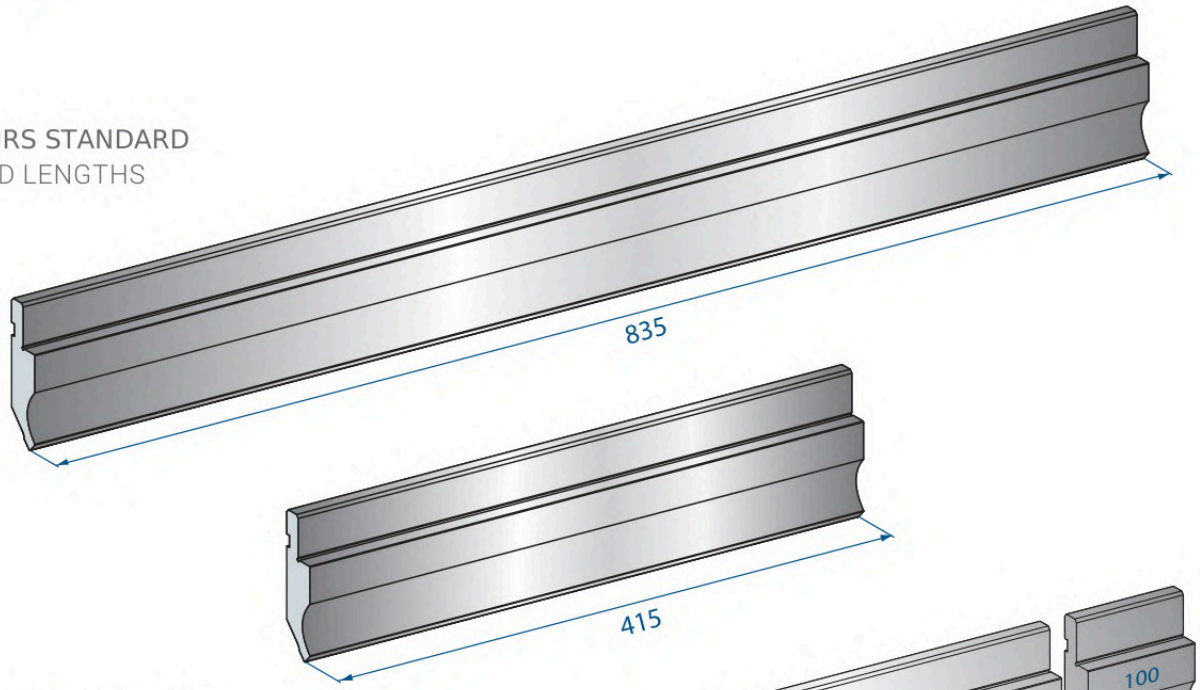
t/m

AMADA

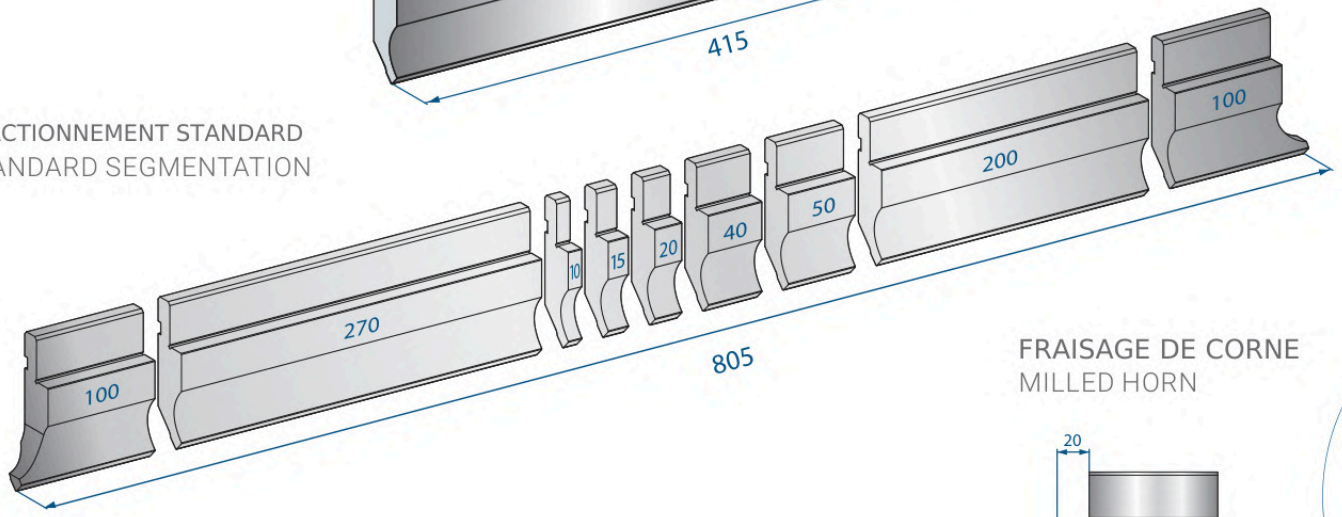
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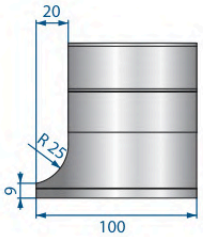
LONGUEURS STANDARD
STANDARD LENGTHS

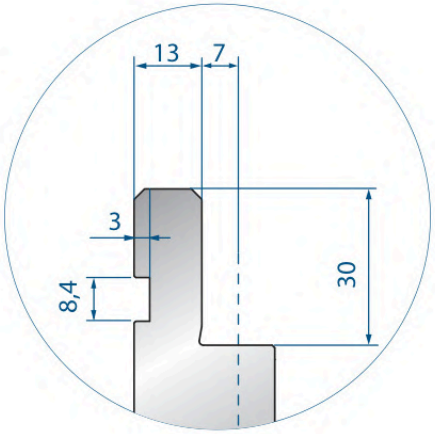


FRACTIONNEMENT STANDARD
STANDARD SEGMENTATION

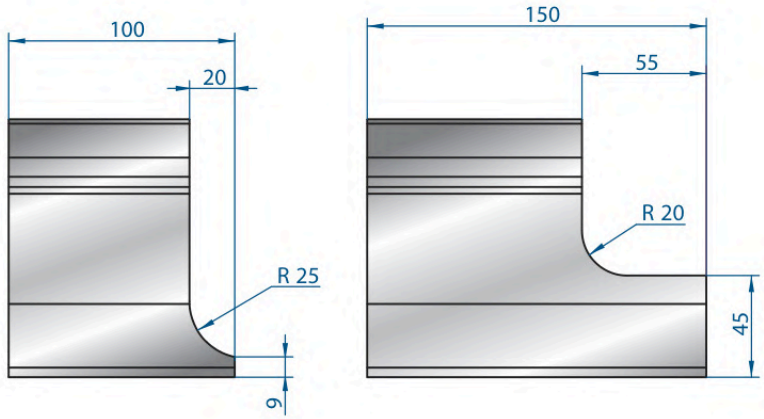


FRAISAGE DE CORNE
MILLED HORN





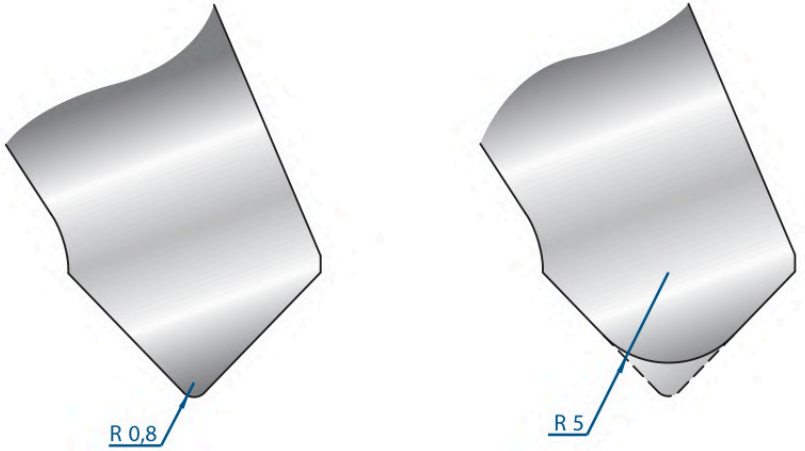
CORNES SPÉCIALES
SPECIAL HORNS



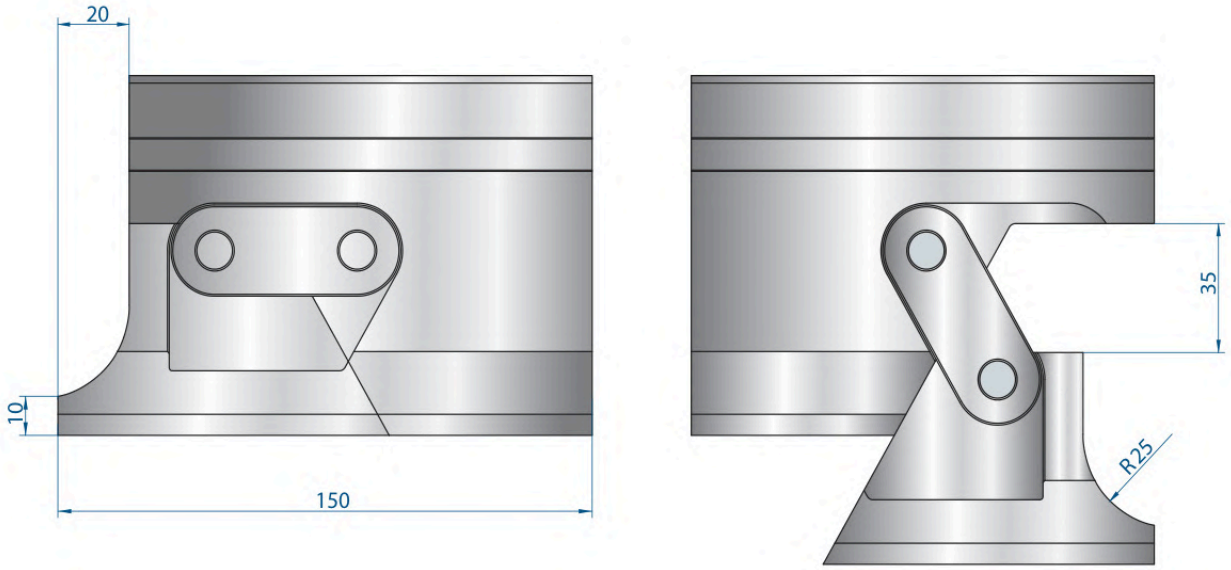
FRACTIONNEMENT SUR DEMANDE
SPECIAL SEGMENTATION

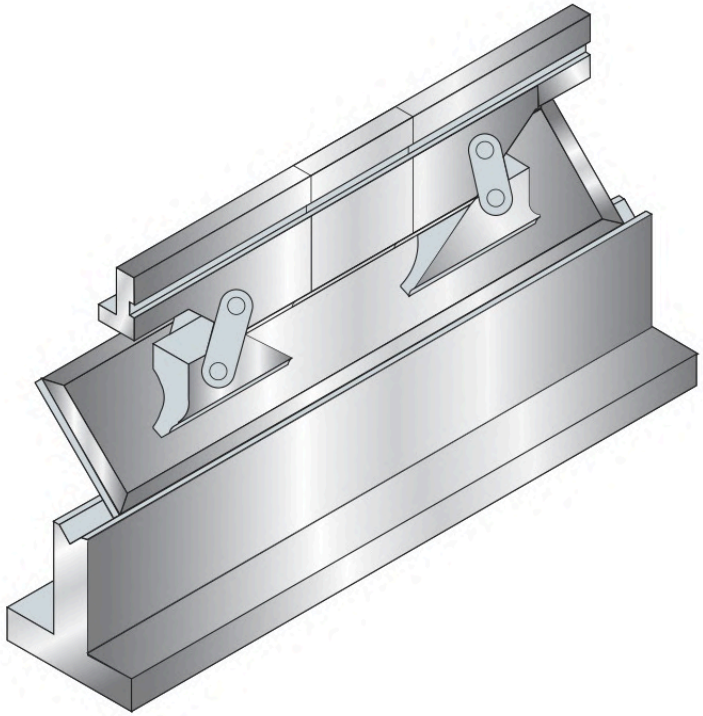


MODIFICATION DU RAYON
RADIUS MODIFICATION

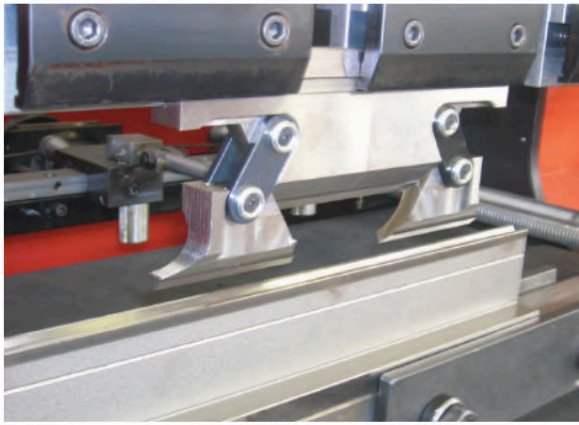




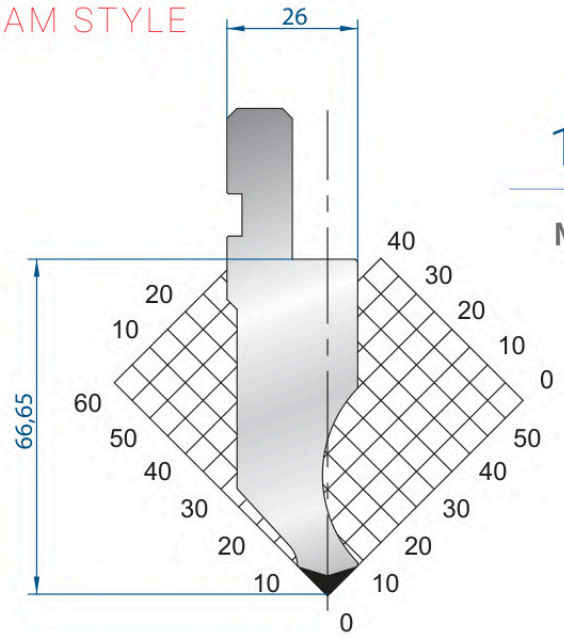




POINÇON PUNCH	CORNES MOBILES MOVING HORNS		
1010	**1010S**		
2x150	833,00 €	3,5 kg	
1011	**1011S**		
2x150	808,00 €	3,5 kg	
1064	**1064S**		
2x150	833,00 €	3,5 kg	
1065	**1065S**		
2x150	808,00 €	3,5 kg	
1047	**1047S**		
2x150	1.366,00 €	4,0 kg	



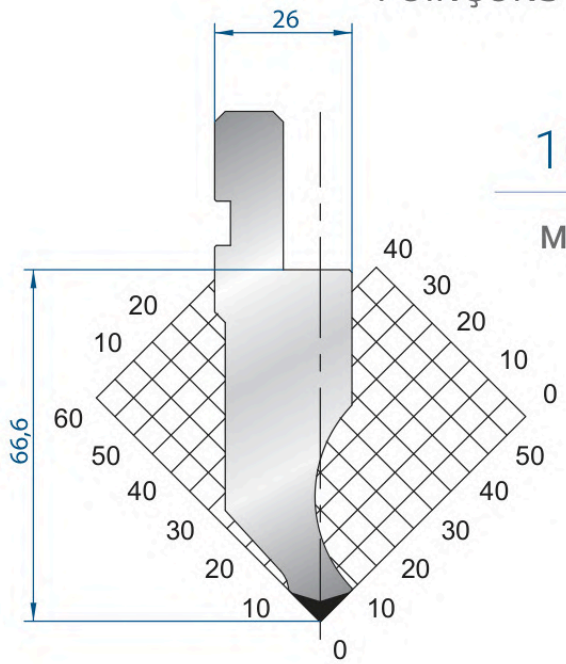




1010

Mat = C45
H = 66.65
Max T/m = 100
α = 90°
R = 0.8

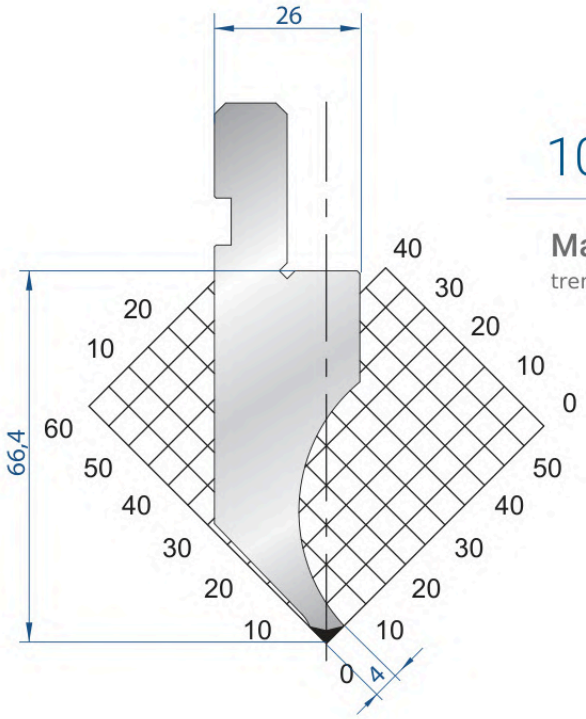
835 mm	11,0 kg
415 mm	4,5 kg
805 mm FRAZ. / SECT.	11,0 kg



1064

Mat = C45
H = 66.60
Max T/m = 100
α = 90°
R = 0.25

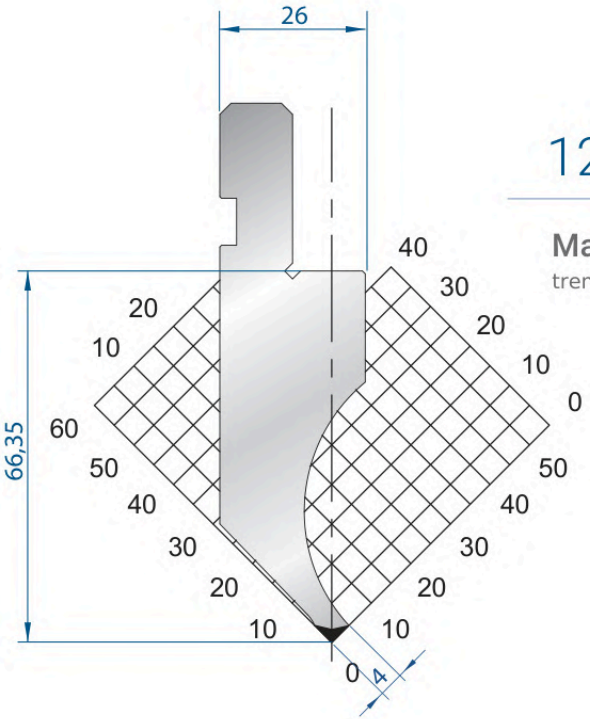
835 mm	11,0 kg
415 mm	5,0 kg
805 mm FRAZ. / SECT.	11,0 kg



1048

Mat = C45
trempé et revenu / tempered
H = 66.40
Max T/m = 35
α = 90°
R = 0.6

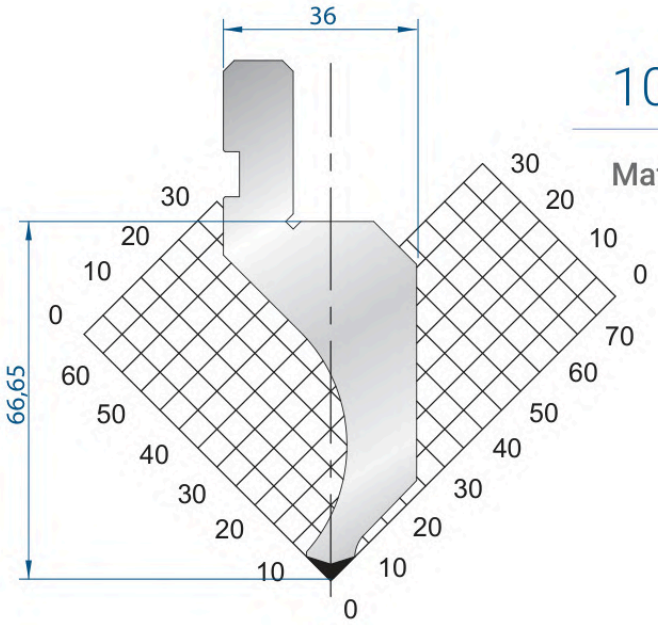
835 mm	10,0 kg
415 mm	5,0 kg
805 mm FRAZ. / SECT.	10,0 kg



1263

Mat = C45
trempé et revenu / tempered
H = 66.35
Max T/m = 35
α =90°
R = 0.25

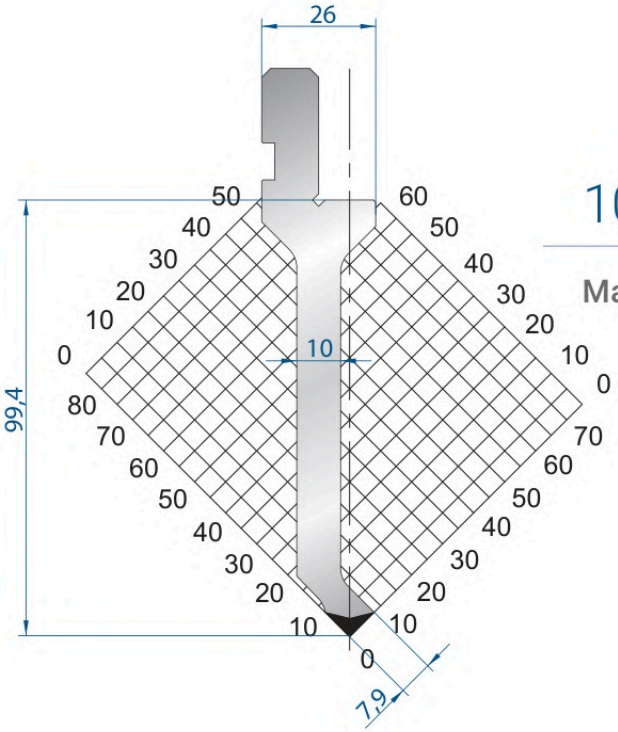
835 mm	11,0 kg
415 mm	5,0 kg
805 mm FRAZ. / SECT.	11,0 kg



1080

Mat = C45
H = 66.65
Max T/m = 60
α = 90°
R = 0.8

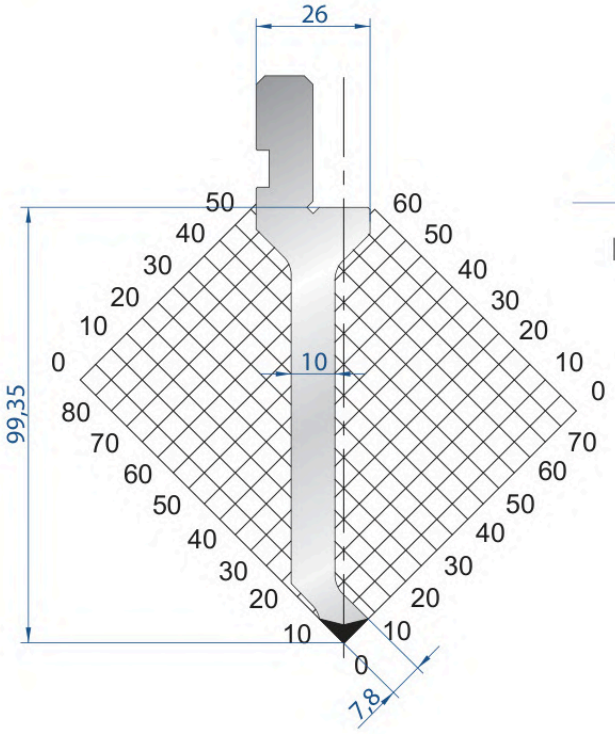
835 mm	12,0 kg
415 mm	6,0 kg
805 mm FRAZ. / SECT.	12,0 kg



1028

Mat = C45
H = 99.40
Max T/m = 50
α = 90°
R = 0.6

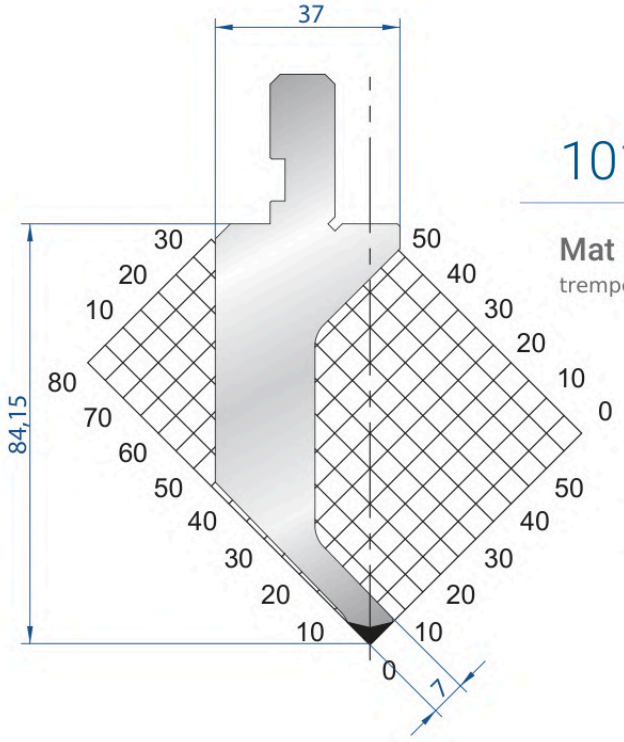
835 mm	10,0 kg
415 mm	5,0 kg
805 mm FRAZ. / SECT.	10,0 kg



1261

Mat = C45
H = 99.35
Max T/m = 50
α = 90°
R = 0.25

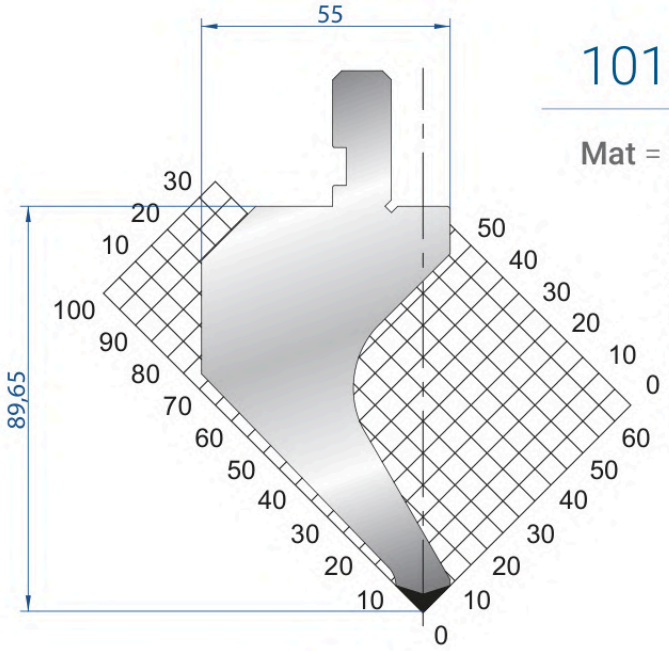
835 mm	12,0 kg
415 mm	6,0 kg
805 mm FRAZ. / SECT.	12,0 kg



1019

Mat = 42CrMo4
trempé et revenu / tempered
H = 84.15
Max T/m = 20
α = 90°
R = 0.6

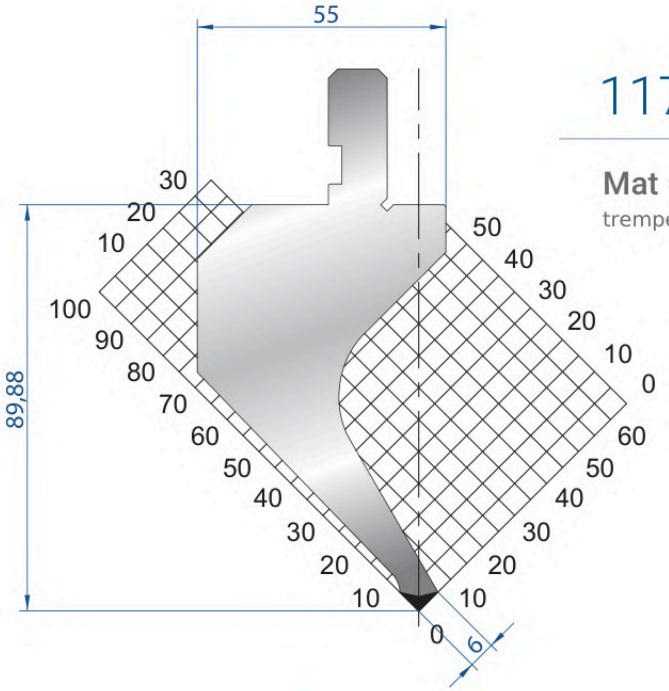
835 mm	14,0 kg
415 mm	7,0 kg
805 mm FRAZ. / SECT.	14,0 kg



1013

Mat = C45
H = 89.65
Max T/m = 60
α = 90°
R = 0.8

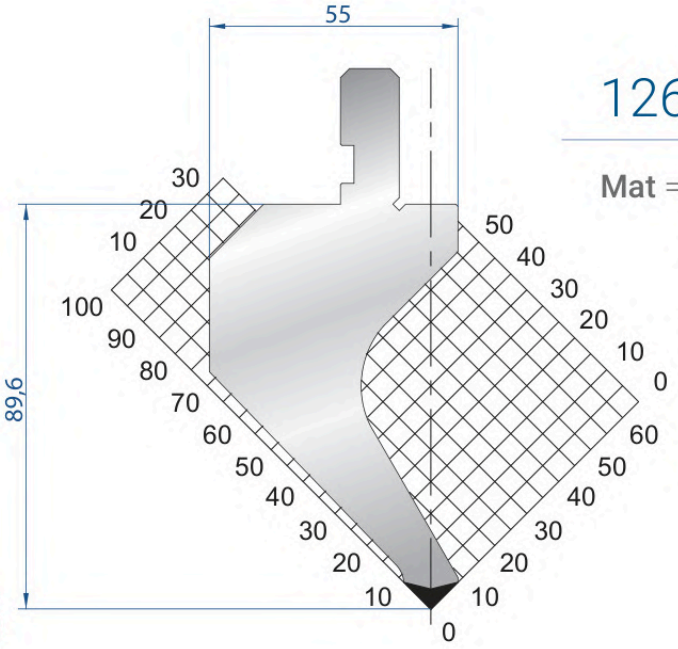
835 mm	21,0 kg
415 mm	10,5 kg
805 mm FRAZ. / SECT.	21,0 kg



1176

Mat = C45
trempé et revenu / tempered
H = 89.88
Max T/m = 50
α = 90°
R = 0.25

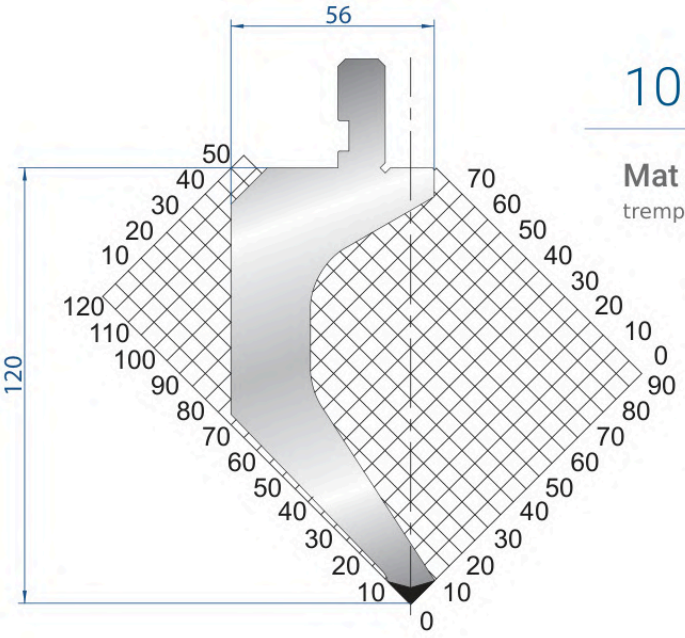
835 mm	21,0 kg
415 mm	10,0 kg
805 mm FRAZ. / SECT.	21,0 kg



1265

Mat = C45
H = 89.60
Max T/m = 60
α = 90°
R = 0.25

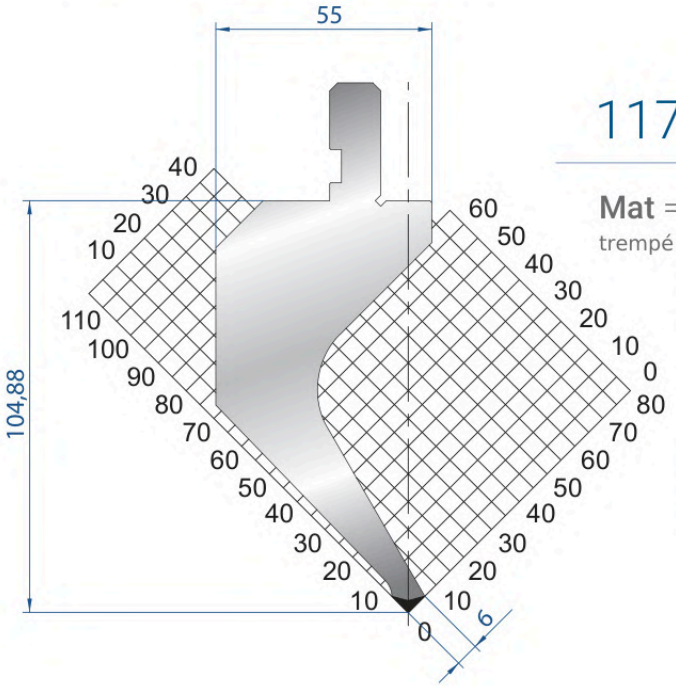
835 mm	19,0 kg
415 mm	9,0 kg
805 mm FRAZ. / SECT.	19,0 kg



1060

Mat = C45
trempé et revenu / tempered
H = 120.00
Max T/m = 50
α = 90°
R = 0.8

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

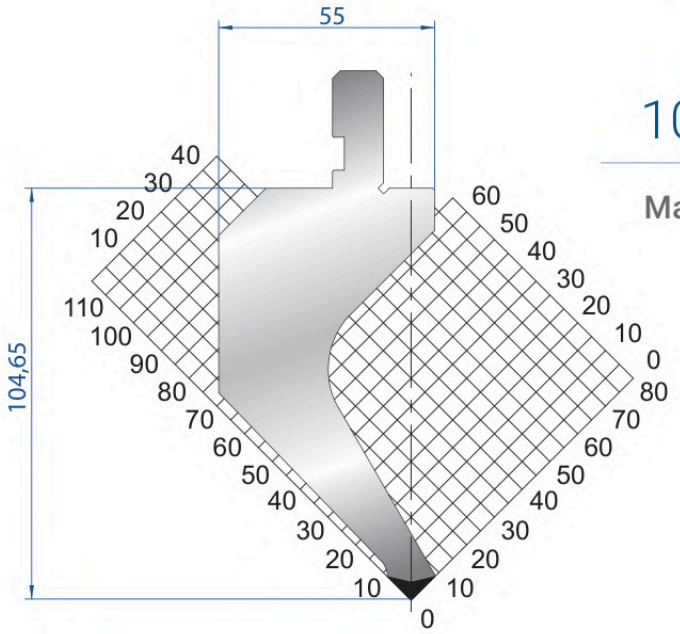


1174

Mat = C45
trempé et revenu / tempered

H = 104.88
Max T/m = 50
α = 90°
R = 0.25

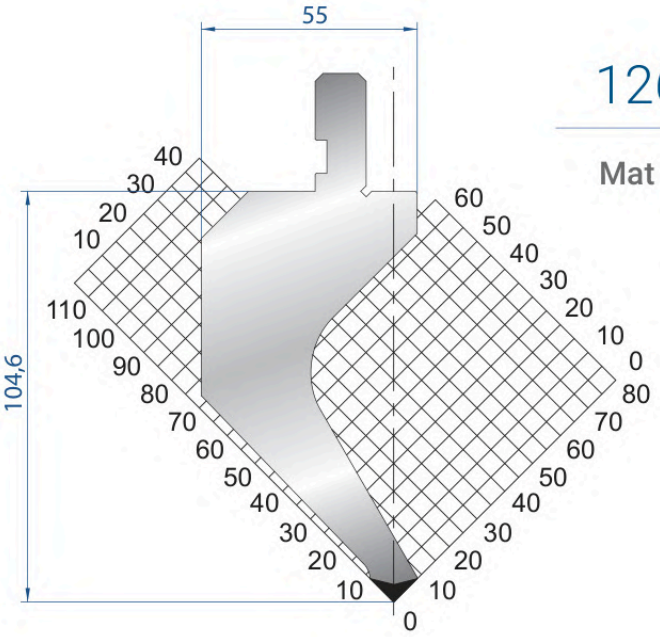
835 mm	23,0 kg
415 mm	11,0 kg
805 mm FRAZ. / SECT.	23,0 kg



1016

Mat = C45
H = 104.65
Max T/m = 50
α = 90°
R = 0.8

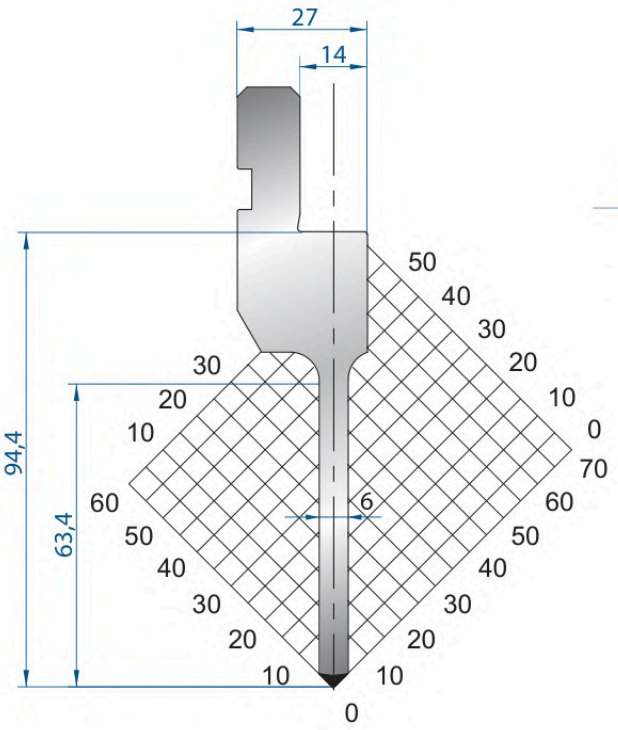
835 mm	23,0 kg
415 mm	11,0 kg
805 mm FRAZ. / SECT.	23,0 kg



1267

Mat = C45
H = 104.60
Max T/m = 50
α = 90°
R = 0.25

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

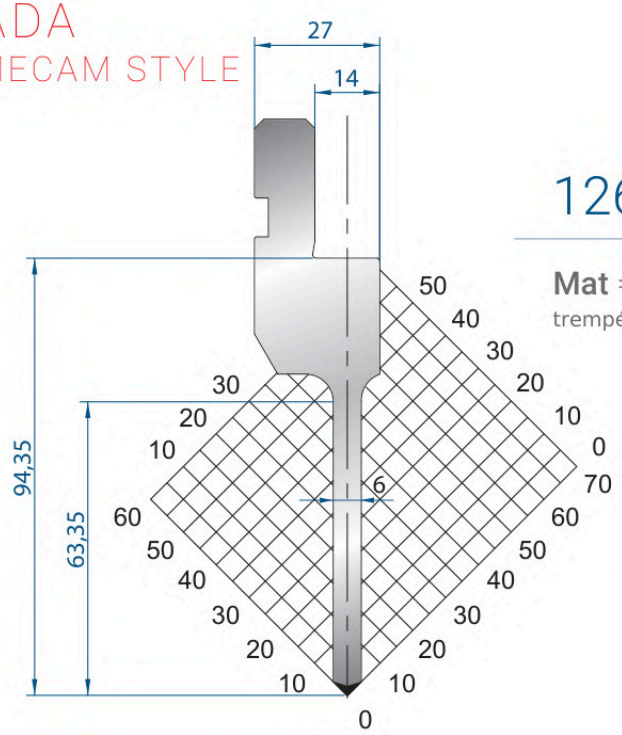


1083

Mat = C45
trempé et revenu / tempered

H = 94.40
Max T/m = 50
α = 90°
R = 0.6

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

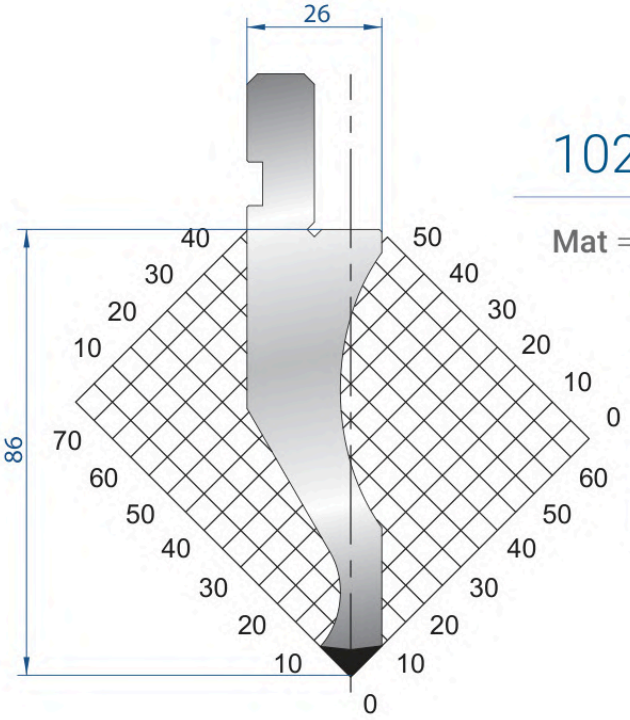


1269

Mat = C45
trempé et revenu / tempered

H = 94.35
Max T/m = 50
α = 90°
R = 0.25

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

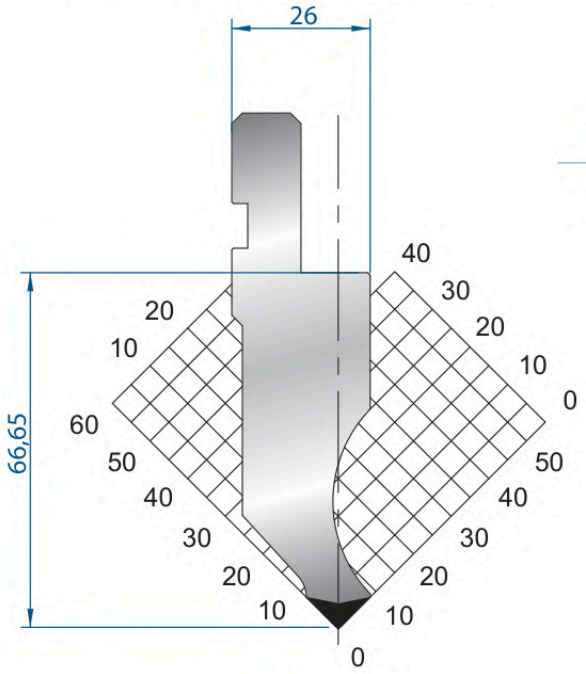


1021

Mat = C45

H = 86.00
Max T/m = 100
α = 90°
R = 0.8

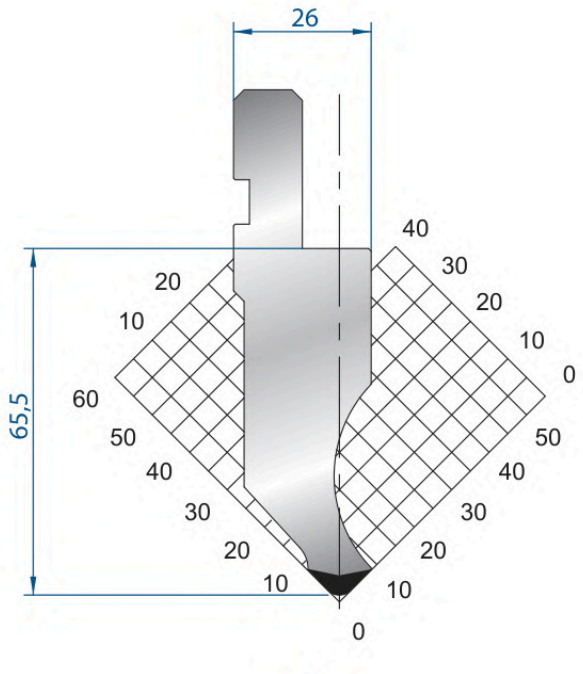
835 mm	13,0 kg
415 mm	6,0k g
805 mm FRAZ. / SECT.	13,0 kg



1011

Mat = C45
H = 66.65
Max T/m = 100
α = 88°
R = 0.8

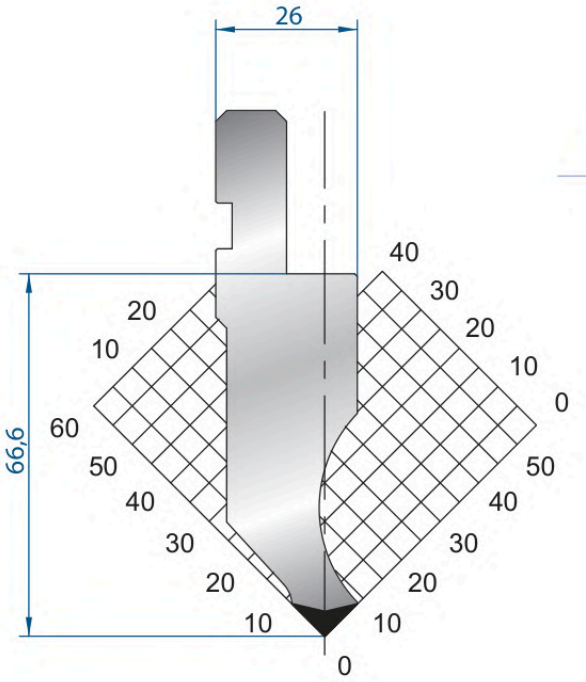
835 mm	11,0 kg
415 mm	5,0 kg
805 mm FRAZ. / SECT.	11,0 kg



1012

Mat = C45
H = 65.50
Max T/m = 100
α = 88°
R = 3

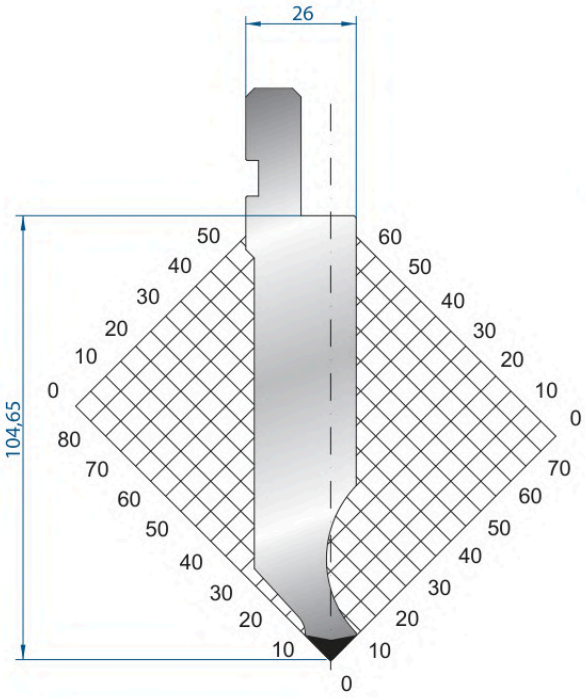
835 mm	11,0 kg
415 mm	4,5 kg
805 mm FRAZ. / SECT.	11,0 kg



1065

Mat = C45
H = 66.60
Max T/m = 100
α = 88°
R = 0.25

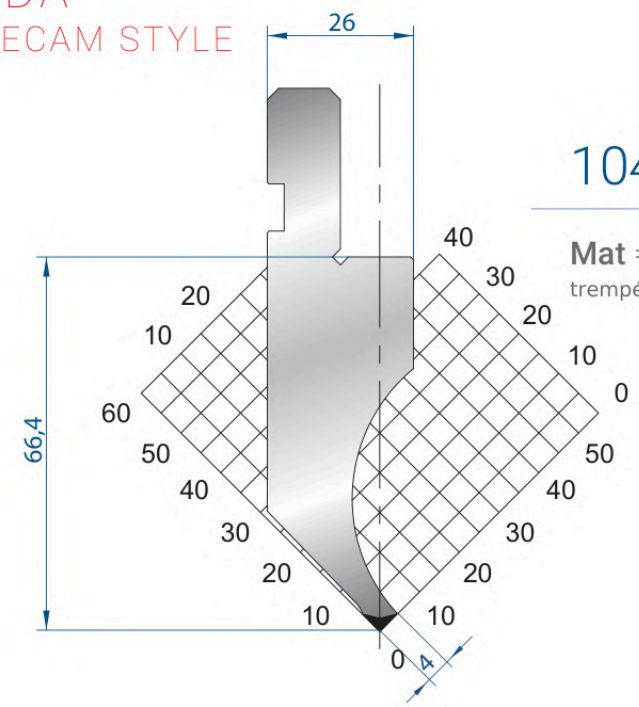
835 mm	11,0 kg
415 mm	5,0 kg
805 mm FRAZ. / SECT.	11,0 kg



1063

Mat = C45
H = 104.65
Max T/m = 100
α = 88°
R = 0.8

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

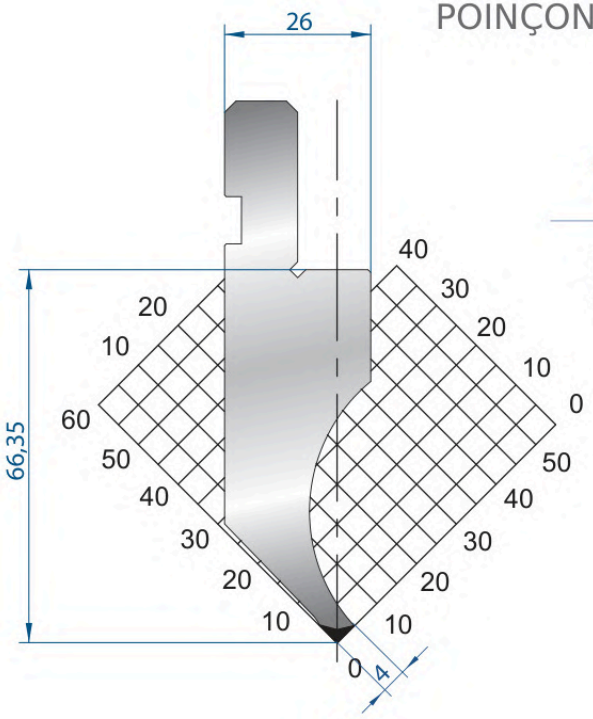


1049

Mat = C45
trempé et revenu / tempered

H = 66.40
Max T/m = 35
α = 88°
R = 0.6

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

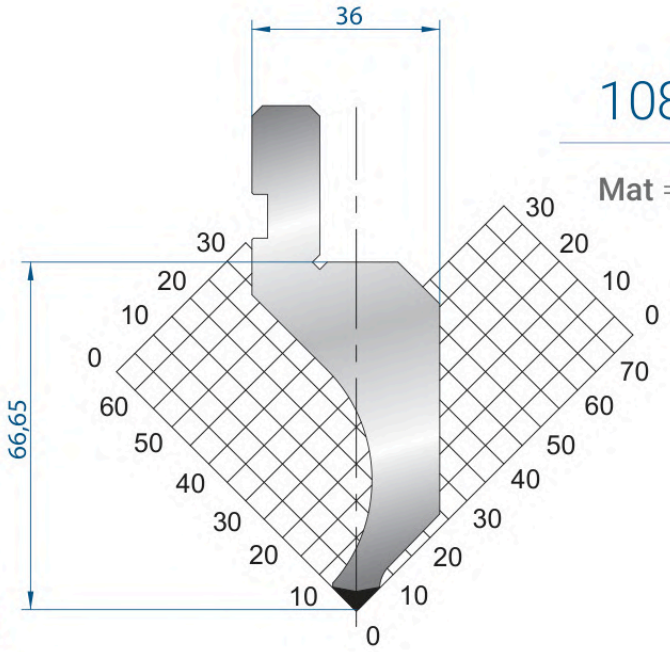


1264

Mat = C45
trempé et revenu / tempered

H = 66.35
Max T/m = 35
α = 88°
R = 0.25

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

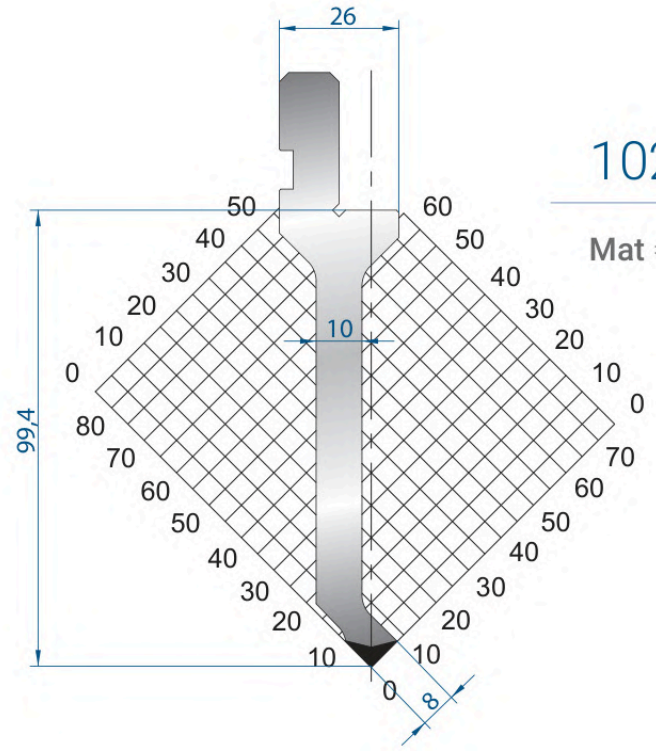


1081

Mat = C45

H = 66.65
Max T/m = 60
α = 88°
R = 0.8

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



1029

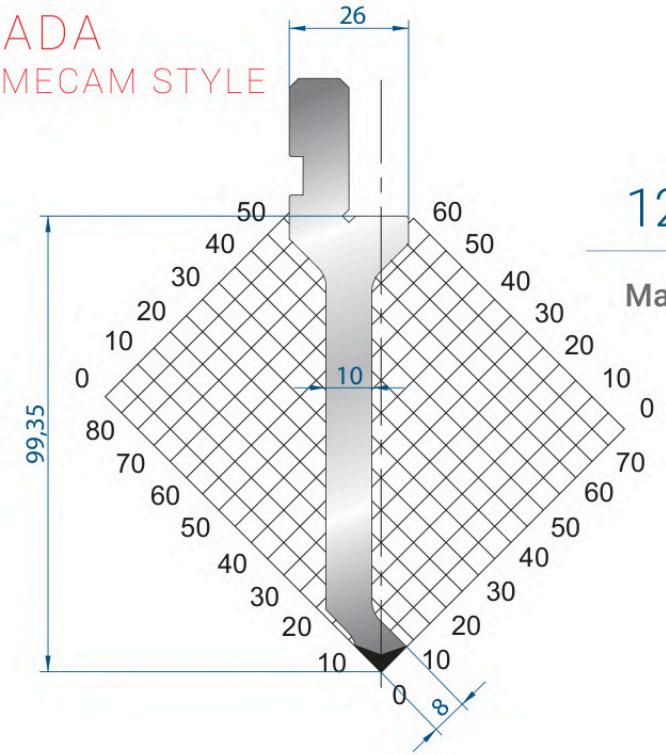
Mat = C45

H = 99.40
Max T/m = 50
α = 88°
R = 0.6

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



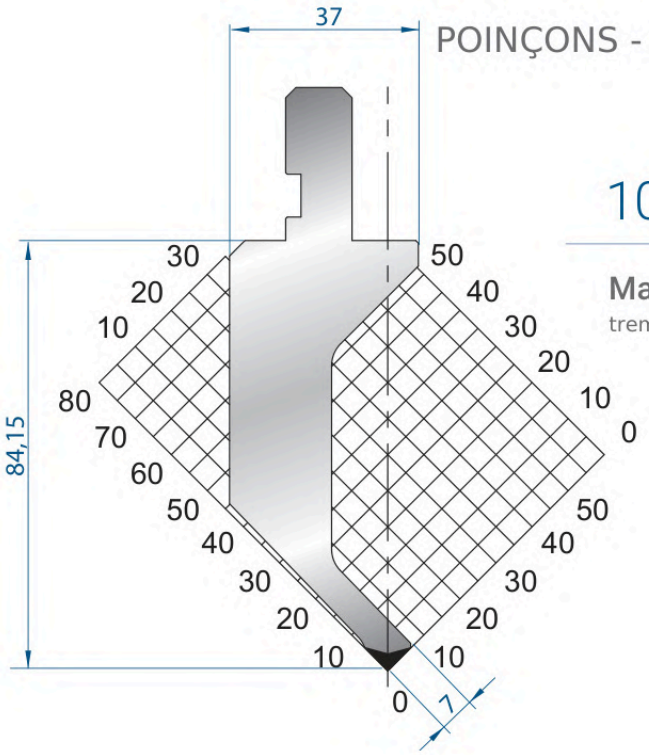
POINÇONS - 88° / PUNCHES - 88°



1262

Mat = C45
H = 99.35
Max T/m = 50
α = 88°
R = 0.25

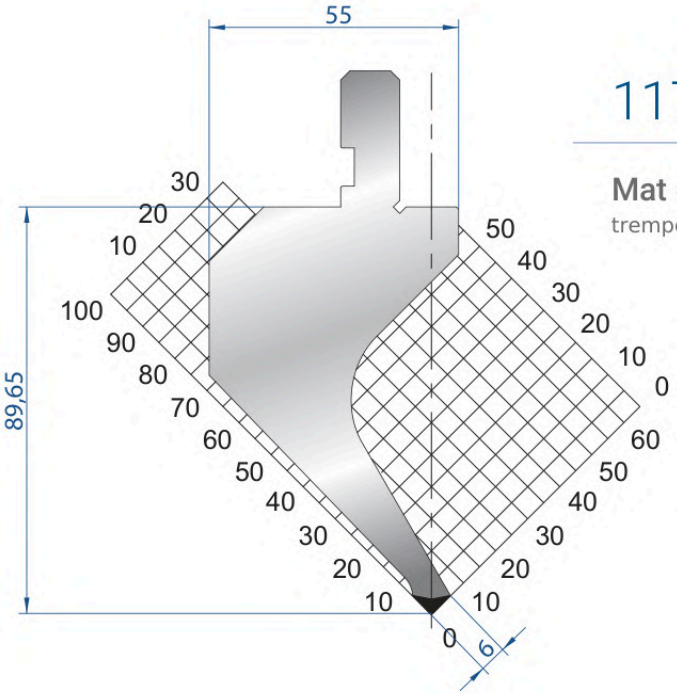
835 mm	9,0 kg
415 mm	4,0 kg
805 mm FRAZ. / SECT.	9,0 kg



1020

Mat = 42CrMo4
trempé et revenu / tempered
H = 84.15
Max T/m = 20
α = 88°
R = 0.6

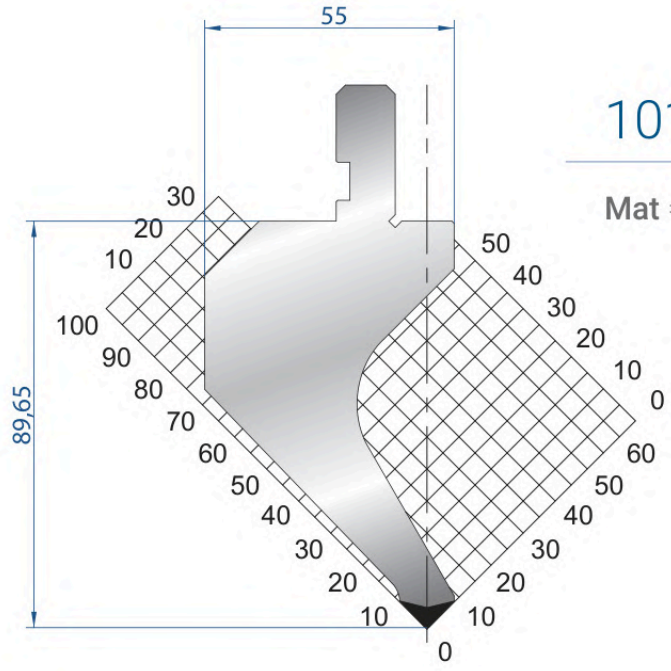
835 mm	14,0 kg
415 mm	7,0 kg
805 mm FRAZ. / SECT.	14,0 kg



1175

Mat = C45
trempé et revenu / temperedd
H = 89.65
Max T/m = 50
α = 88°
R = 0.8

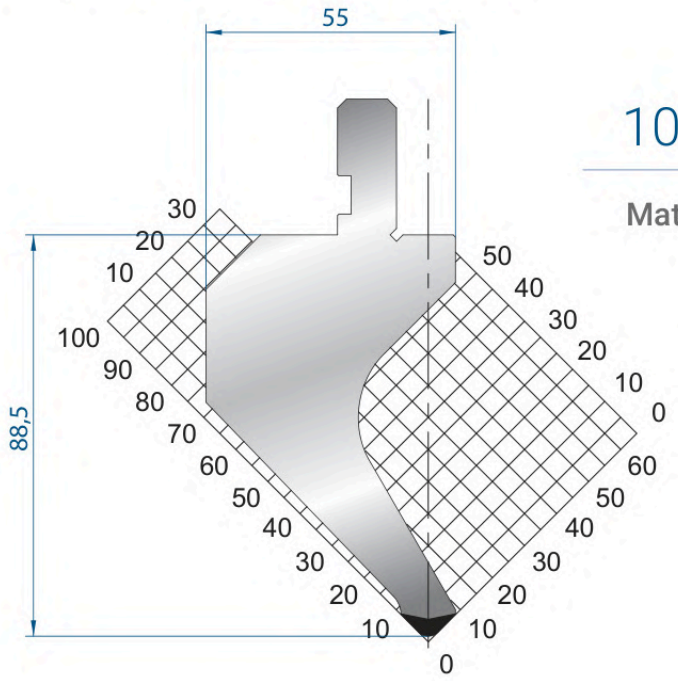
835 mm	21,0 kg
415 mm	10,0 kg
805 mm FRAZ. / SECT.	21,0 kg



1014

Mat = C45
H = 89.65
Max T/m = 60
α = 88°
R = 0.8

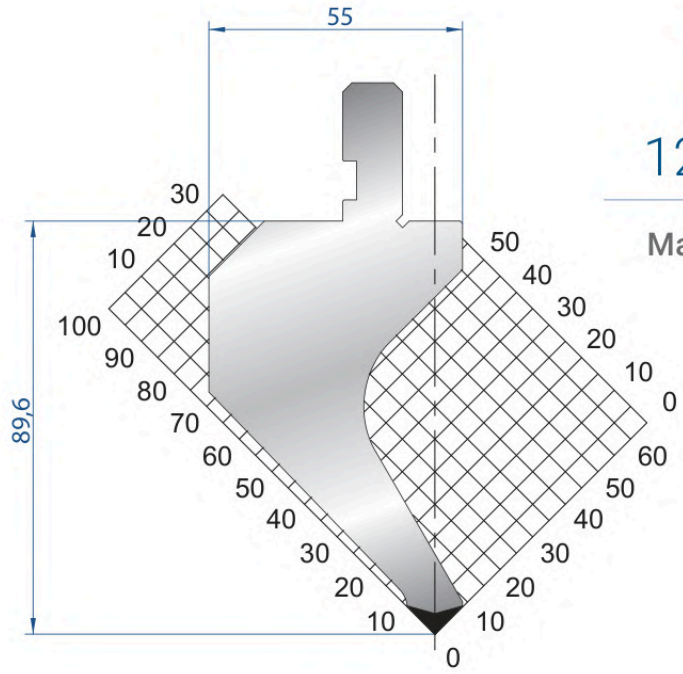
835 mm	21,0 kg
415 mm	10,5 kg
805 mm FRAZ. / SECT.	21,0 kg



1015

Mat = C45
H = 88.50
Max T/m = 60
α = 88°
R = 3

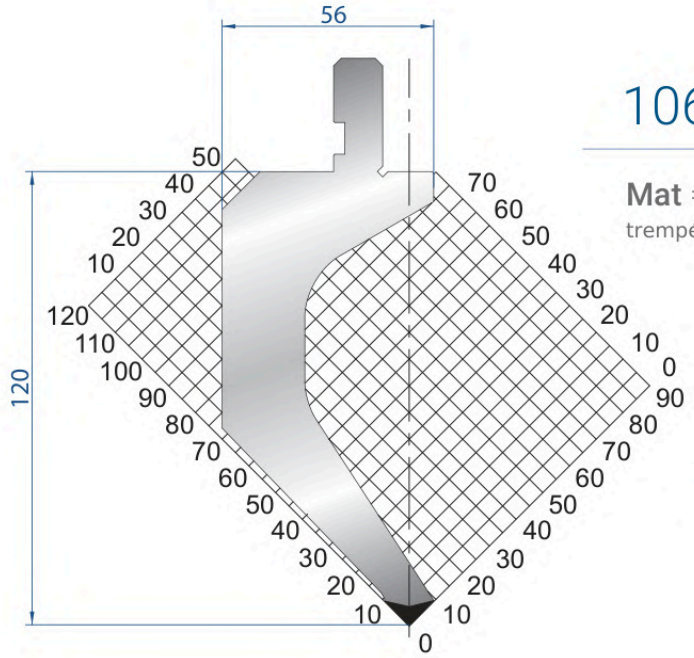
835 mm	21,0 kg
415 mm	10,5 kg
805 mm FRAZ. / SECT.	21,0 kg



1266

Mat = C45
H = 89.60
Max T/m = 60
α = 88°
R = 0.25

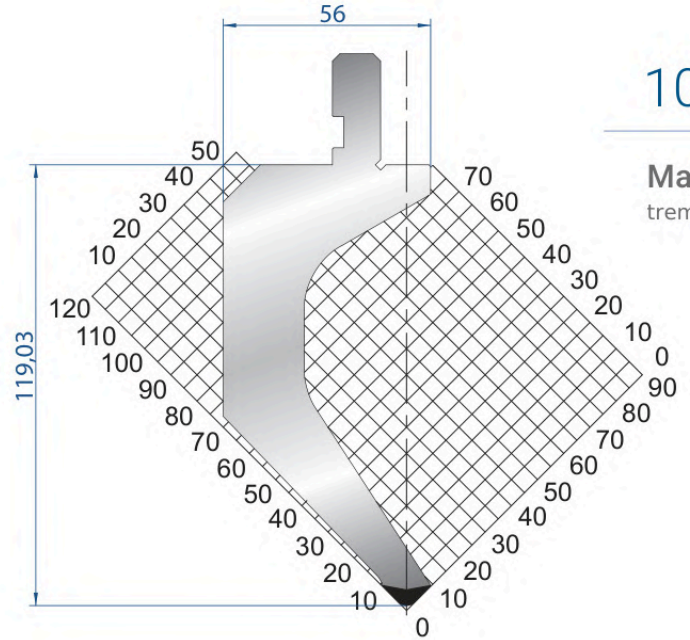
835 mm	21,0 kg
415 mm	10,0 kg
805 mm FRAZ. / SECT.	21,0 kg



1061

Mat = C45
trempé et revenu / tempered
H = 120.00
Max T/m = 50
α = 88°
R = 0.8

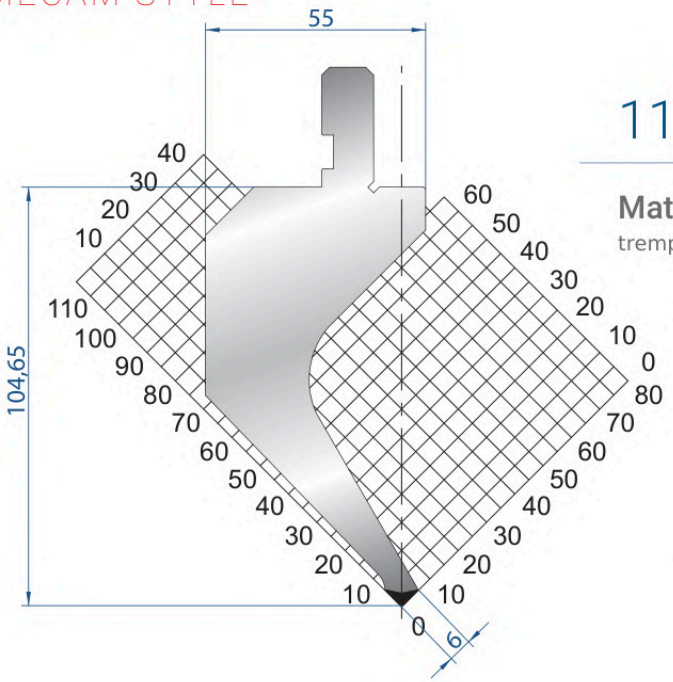
835 mm	24,0 kg
415 mm	12,0 kg
805 mm FRAZ. / SECT.	24,0 kg



1062

Mat = C45
trempé et revenu / tempered
H = 119.03
Max T/m = 50
α = 88°
R = 3

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

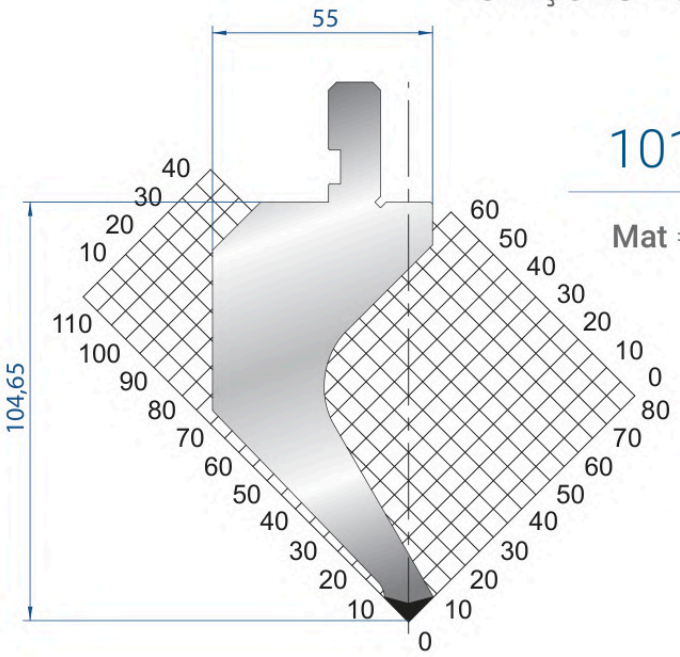


1173

Mat = C45
trempé et revenu / tempered

H = 104.65
Max T/m = 50
α = 88°
R = 0.8

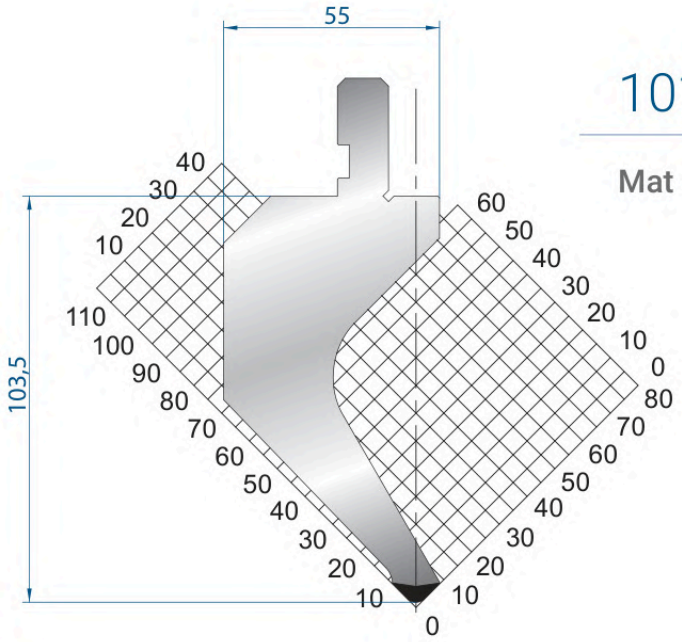
835 mm	23,0 kg
415 mm	11,0 kg
805 mm FRAZ. / SECT.	23,0 kg



1017

Mat = C45
H = 104.65
Max T/m = 50
α = 88°
R = 0.8

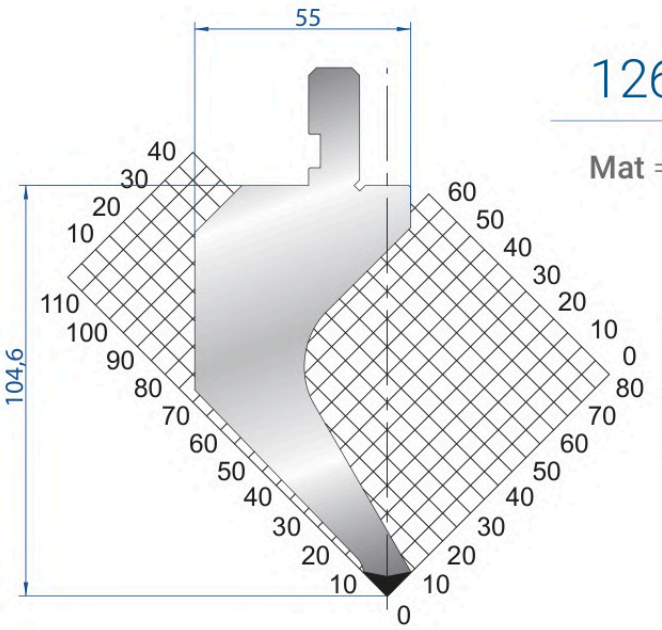
835 mm	23,0 kg
415 mm	11,0 kg
805 mm FRAZ. / SECT.	23,0 kg



1018

Mat = C45
H = 103.50
Max T/m = 50
α = 88°
R = 3

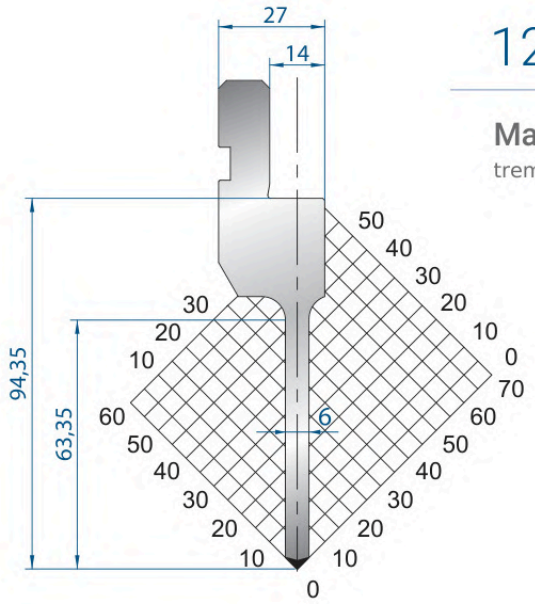
835 mm	23,0 kg
415 mm	11,0 kg
805 mm FRAZ. / SECT.	23,0 kg



1268

Mat = C45
H = 104.60
Max T/m = 50
α = 88°
R = 0.25

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

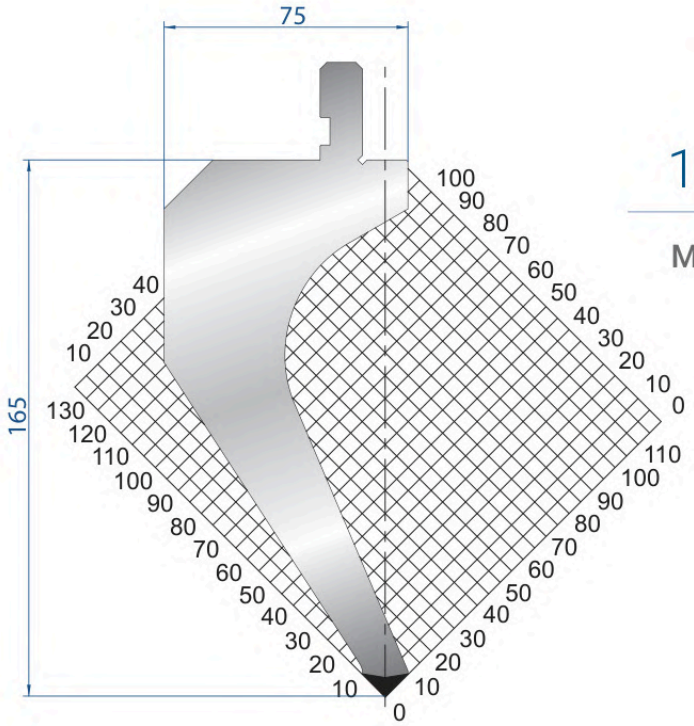


1270

Mat = C45
trempé et revenu / tempered

H = 94.35
Max T/m = 50
α = 88°
R = 0.25

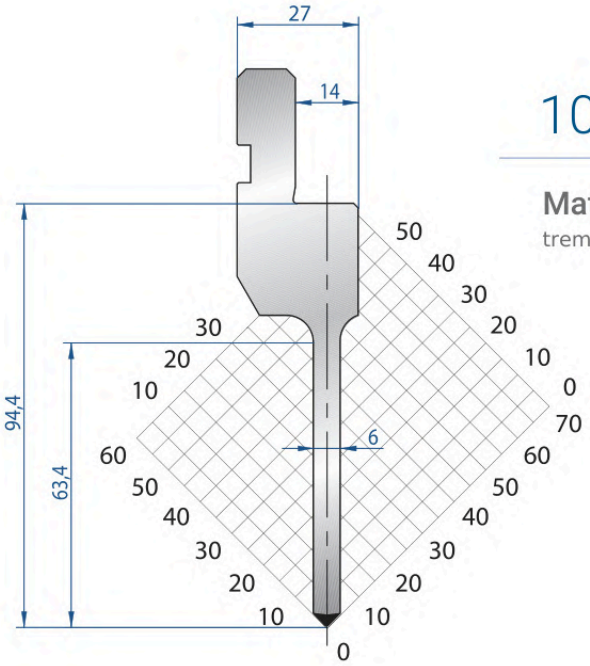
835 mm	8,0 kg
415 mm	4,0 kg
805 mm FRAZ. / SECT.	8,0 kg



1031

Mat = C45
H = 104.65
Max T/m = 45
α = 88°
R = 0.8

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

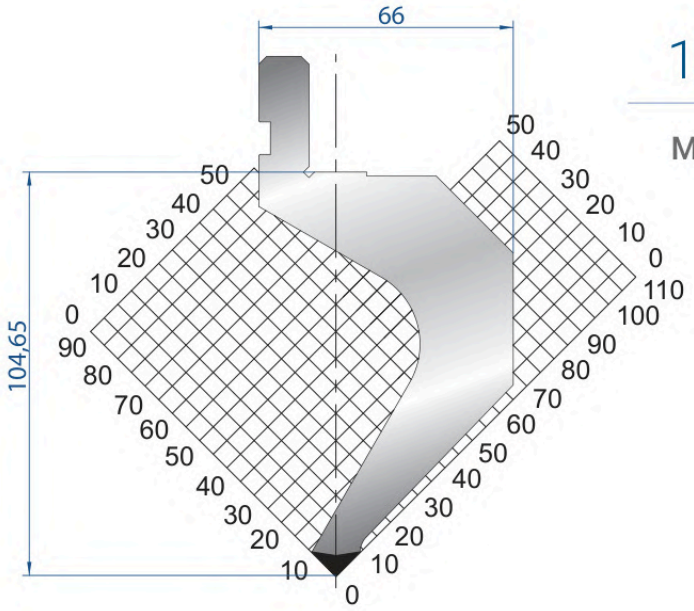


1084

Mat = C45
trempé et revenu / tempered

H = 94.40
Max T/m = 50
α = 88°
R = 0.6

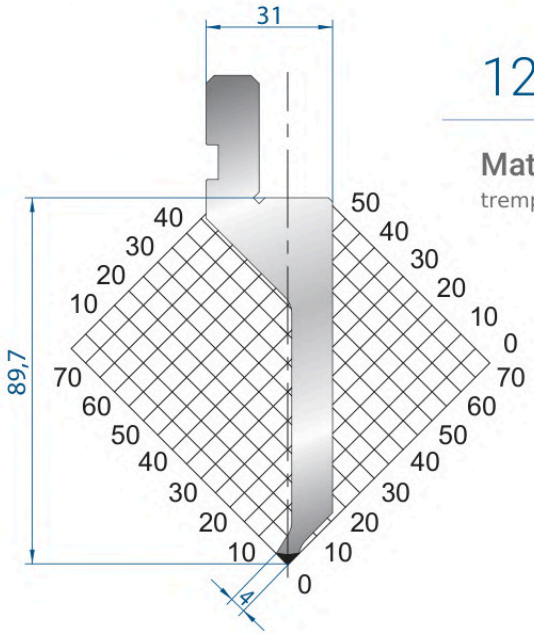
835 mm	8,0 kg
415 mm	4,0 kg
805 mm FRAZ. / SECT.	8,0 kg



1082

Mat = C45
H = 104.65
Max T/m = 45
α = 88°
R = 0.8

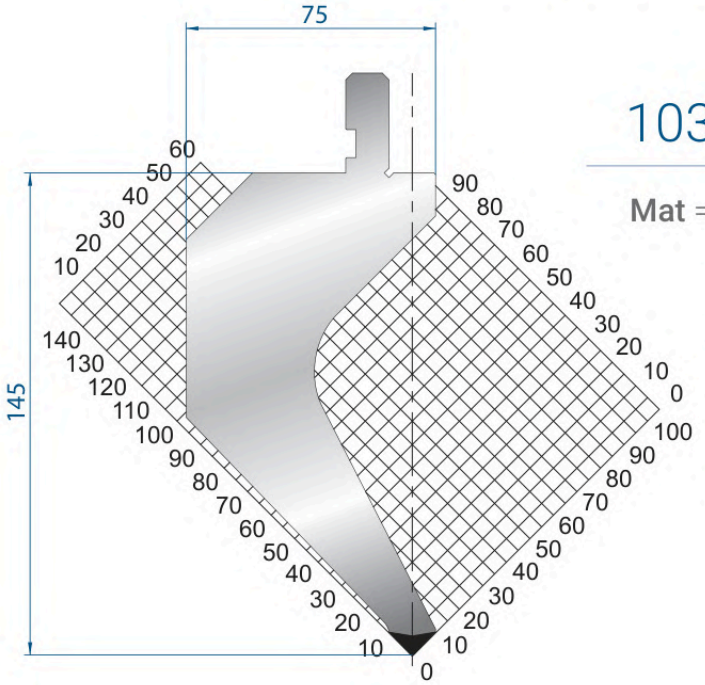
835 mm	25,0 kg
415 mm	12,0 kg
805 mm FRAZ. / SECT.	25,0 kg



1290

Mat = C45
trempé et revenu / tempered
H = 89.70
Max T/m = 30
α = 88°
R = 0.6

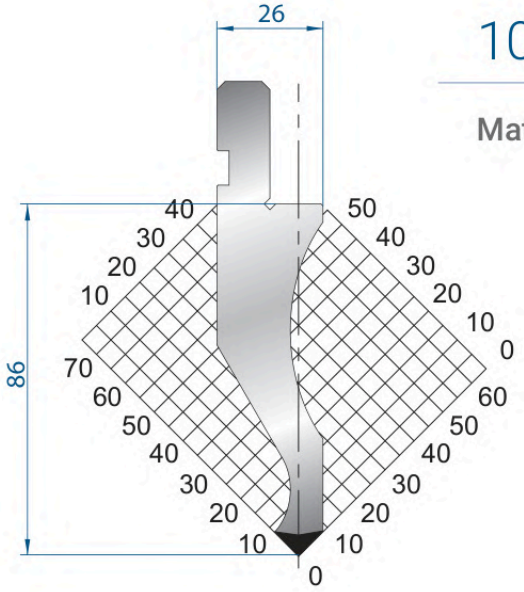
835 mm	10,0 kg
415 mm	5,0 kg
805 mm FRAZ. / SECT.	10,0 kg



1030

Mat = C45
H = 145.00
Max T/m = 80
α = 88°
R = 0.8

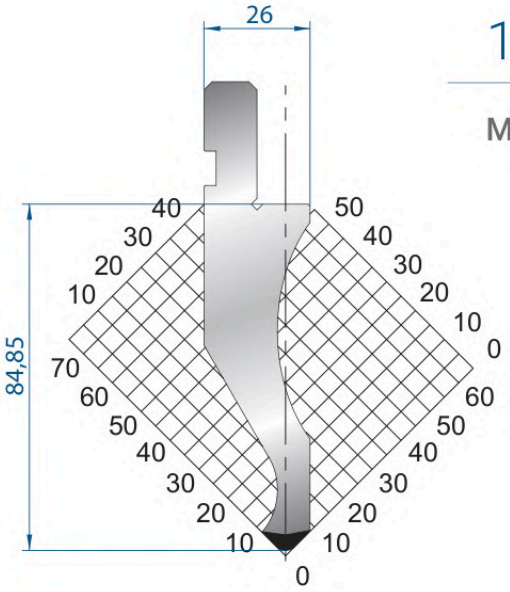
835 mm	39,0 kg
415 mm	19,0 kg
805 mm FRAZ. / SECT.	39,0 kg



1022

Mat = C45
H = 86.00
Max T/m = 100
α = 88°
R = 0.8

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



1023

Mat = C45
H = 84.85
Max T/m = 100
α = 88°
R = 3

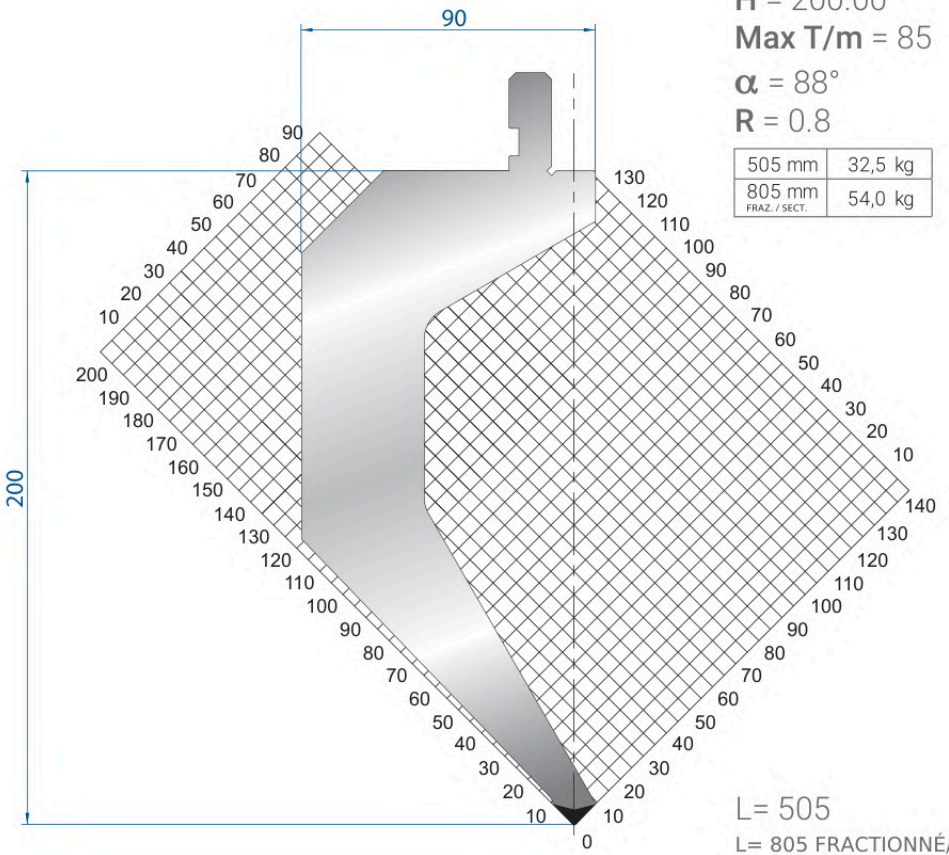
835 mm	13,0 kg
415 mm	6,0 kg
805 mm FRAZ. / SECT.	13,0 kg

1291

Mat = C45
trempé et revenu / tempered

H = 200.00
Max T/m = 85
α = 88°
R = 0.8

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



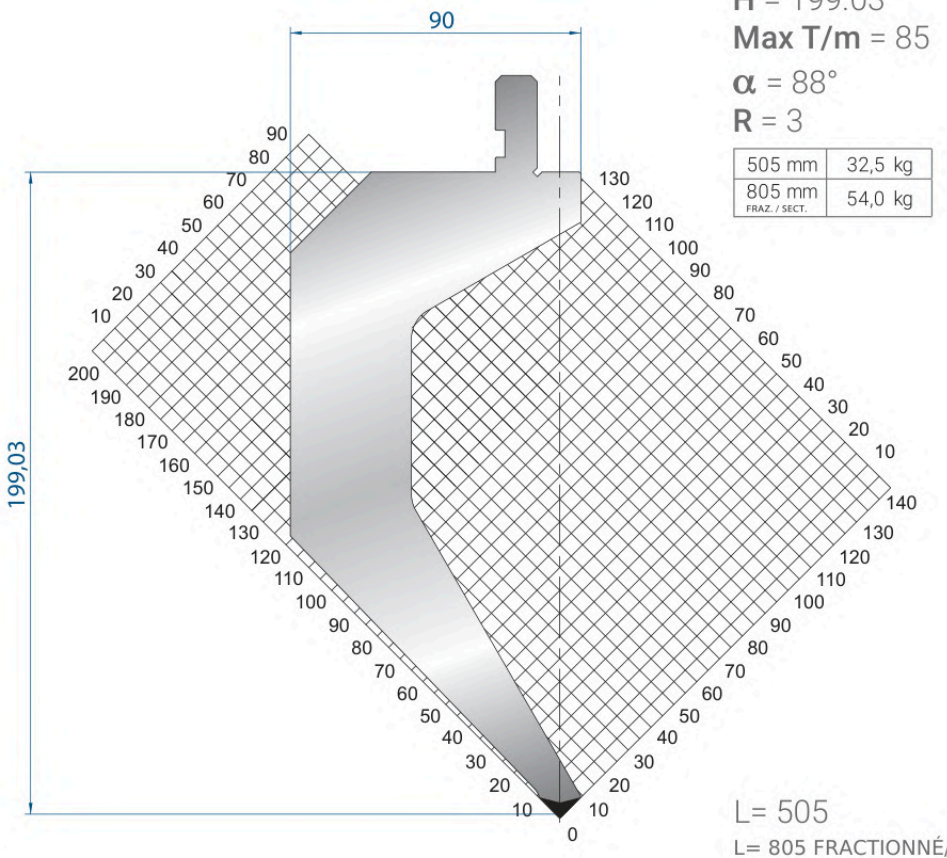
L= 505
L= 805 FRACTIONNÉ/SECT

1301

Mat = C45
trempé et revenu / tempered

H = 199.03
Max T/m = 85
α = 88°
R = 3

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

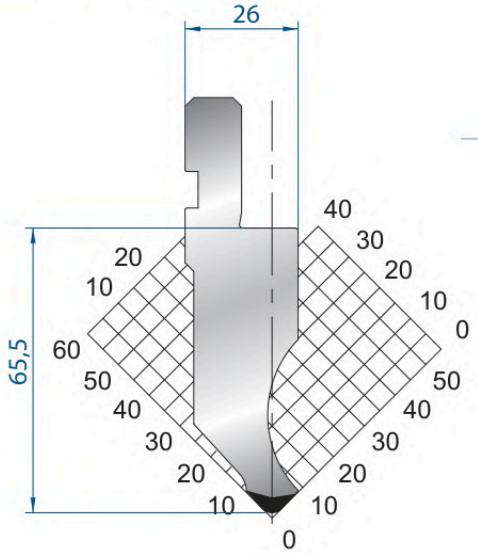


L= 505
L= 805 FRACTIONNÉ/SECT



DMO
DESPRATS MACHINES-OUTILS

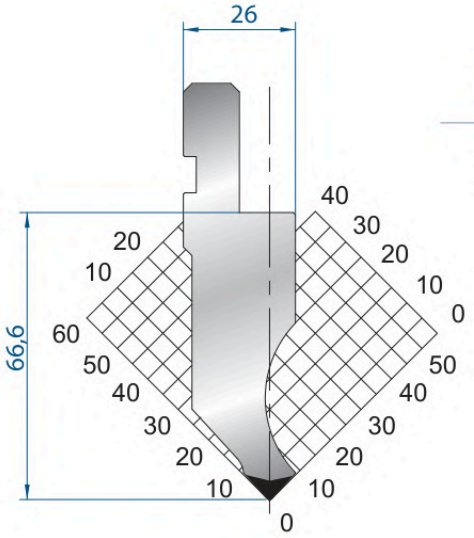




1177

Mat = C45
H = 65.50
Max T/m = 100
α = 85°
R = 3

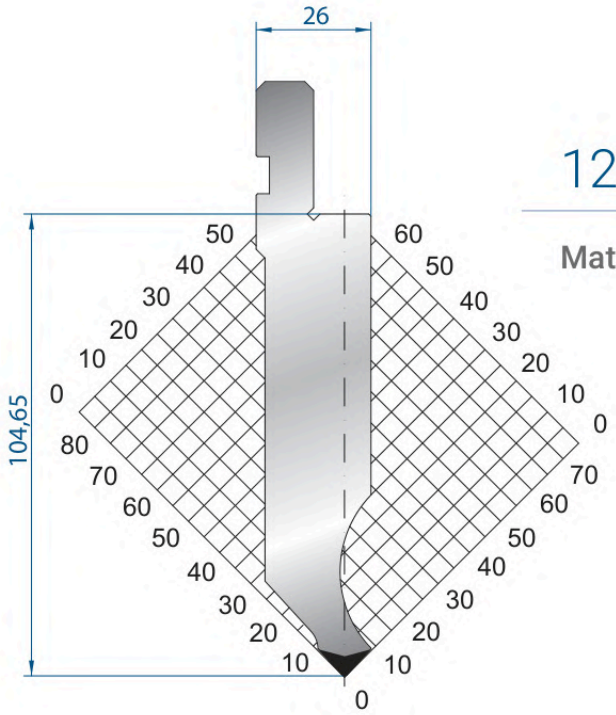
835 mm	11,0 kg
415 mm	5,0 kg
805 mm FRAZ. / SECT.	11,0 kg



1260

Mat = C45
H = 66.60
Max T/m = 100
α = 85°
R = 0.8

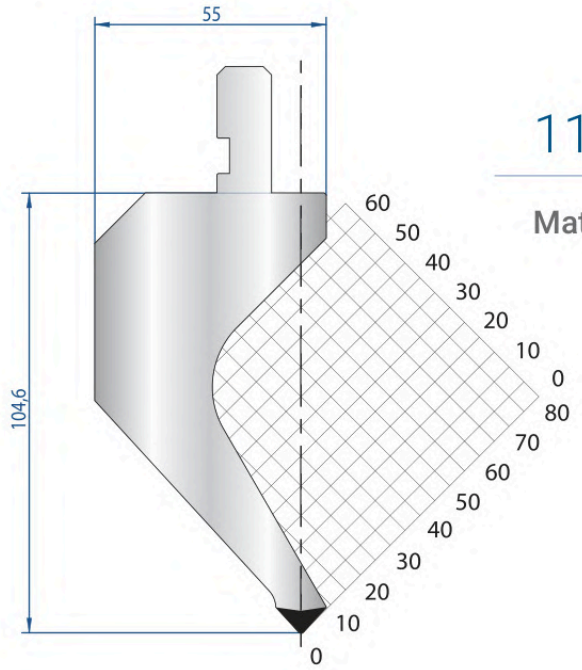
835 mm	11,0 kg
415 mm	5,0 kg
805 mm FRAZ. / SECT.	11,0 kg



1281

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

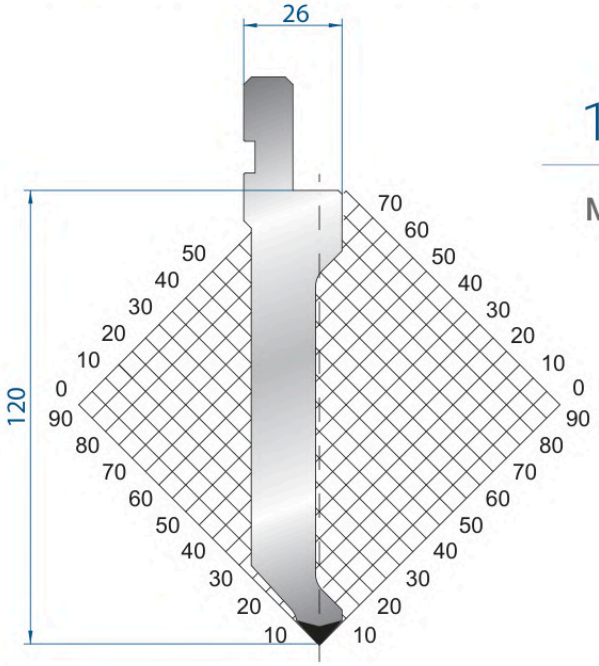
835 mm	17,0 kg
415 mm	9,0 kg
805 mm FRAZ. / SECT.	17,0 kg



1172

Mat = C45
H = 104.60
Max T/m = 50
α = 85°
R = 0.8

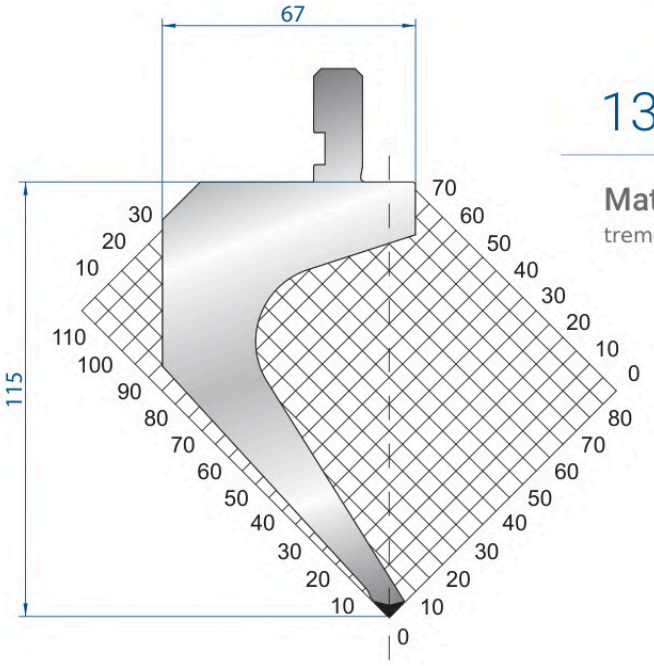
835 mm	23,0 kg
415 mm	11,0 kg
805 mm FRAZ. / SECT.	23,0 kg



1309

Mat = C45
H = 120.00
Max T/m = 70
α = 85°
R = 0.8

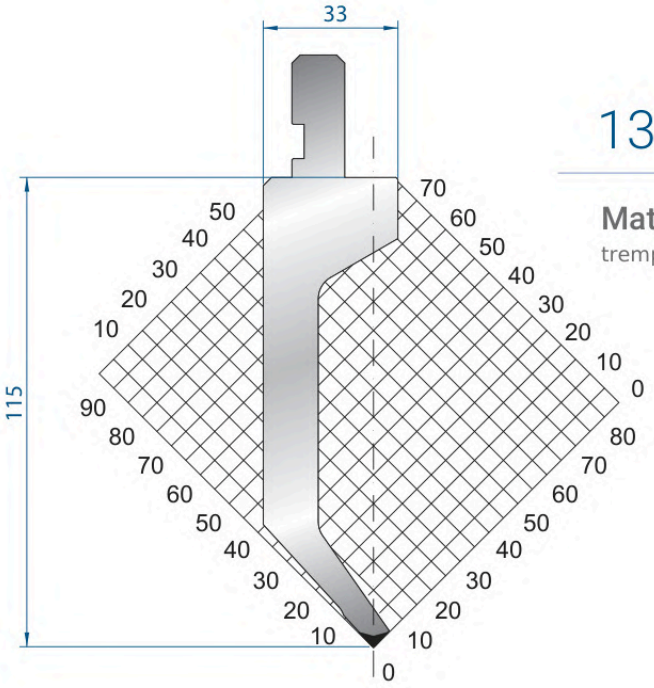
835 mm	15,9 kg
415 mm	8,0 kg
805 mm FRAZ. / SECT.	15,9 kg



1310

Mat = 42CrMo4
trempé et revenu / tempered
H = 115.00
Max T/m = 35
α = 85°
R = 0.8

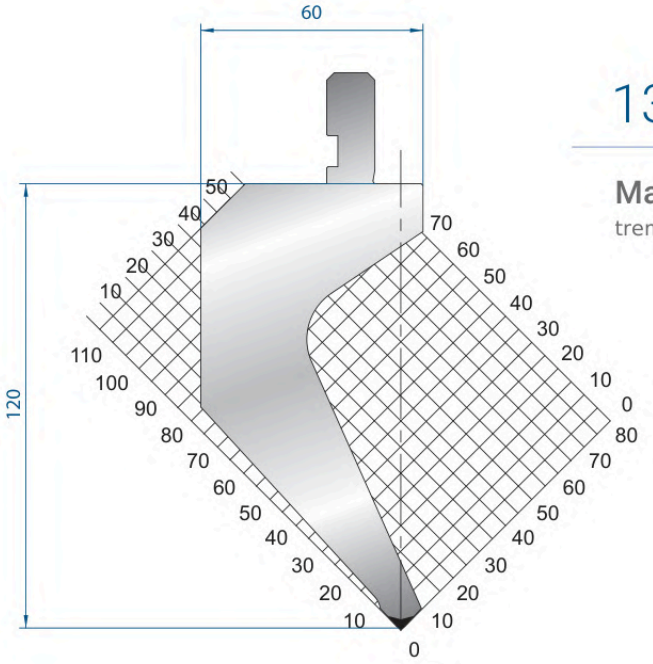
835 mm	23,0 kg
415 mm	11,5 kg
805 mm FRAZ. / SECT.	23,0 kg



1312

Mat = 42CrMo4
trempé et revenu / tempered
H = 115.00
Max T/m = 20
α = 85°
R = 0.6

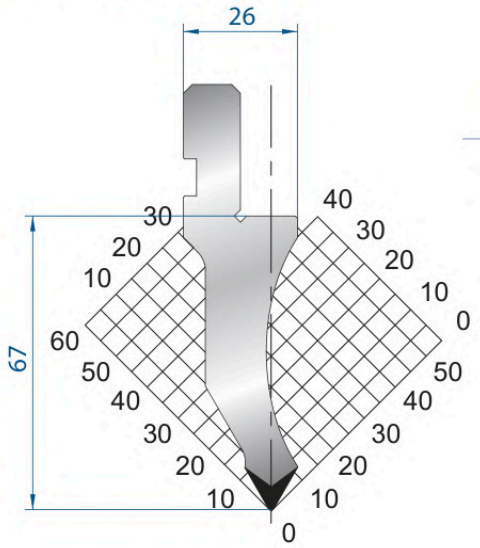
835 mm	14,5 kg
415 mm	7,2 kg
805 mm FRAZ. / SECT.	14,5 kg



1322

Mat = 42CrMo4
trempé et revenu / tempered
H = 120.00
Max T/m = 100
α = 85°
R = 1.5

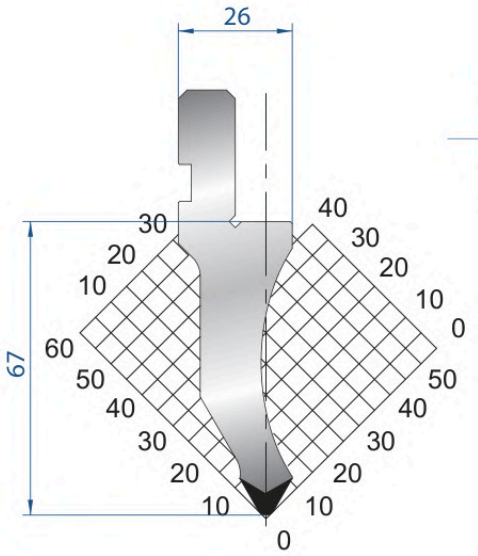
835 mm	26,7 kg
415 mm	13,3 kg
805 mm FRAZ. / SECT.	26,7 kg



1026

Mat = C45
H = 67.00
Max T/m = 80
α = 60°
R = 0.8

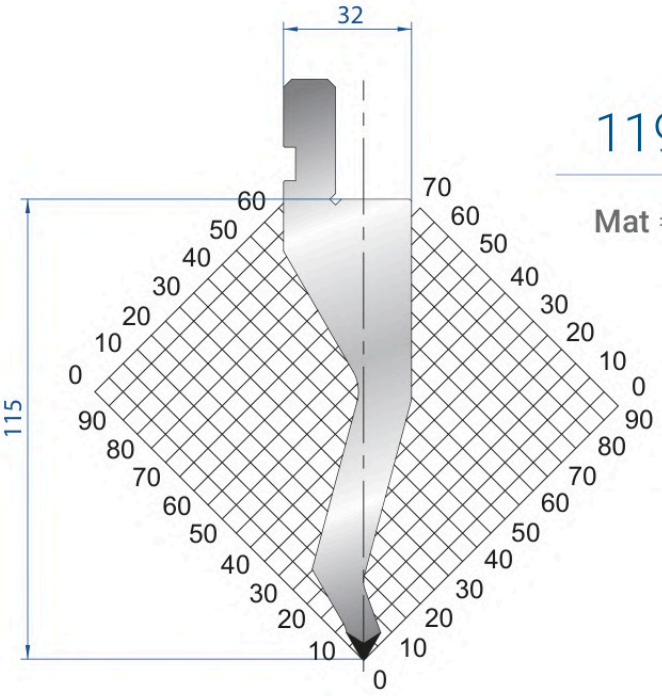
835 mm	9,0 kg
415 mm	4,0 kg
805 mm FRAZ. / SECT.	9,0 kg



1027

Mat = C45
H = 67.00
Max T/m = 80
α = 60°
R = 2

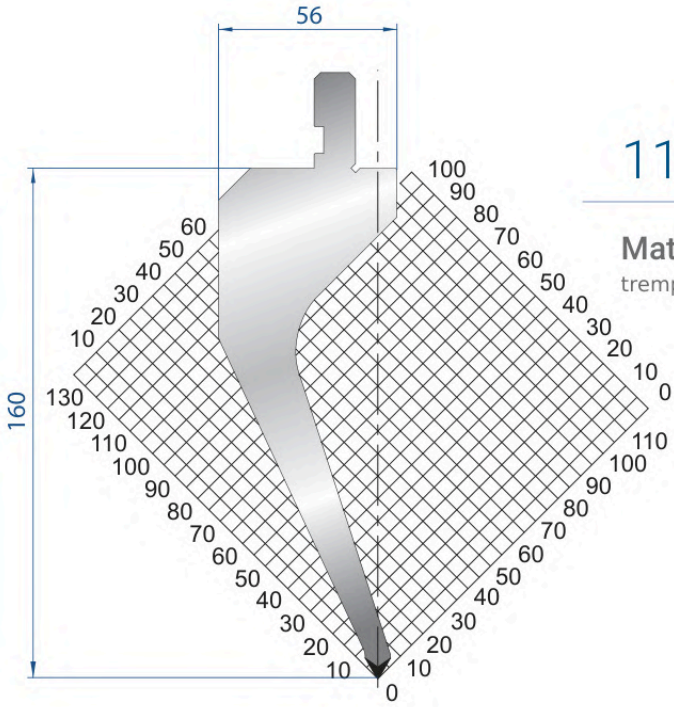
835 mm	9,0 kg
415 mm	4,0 kg
805 mm FRAZ. / SECT.	9,0 kg



1191

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

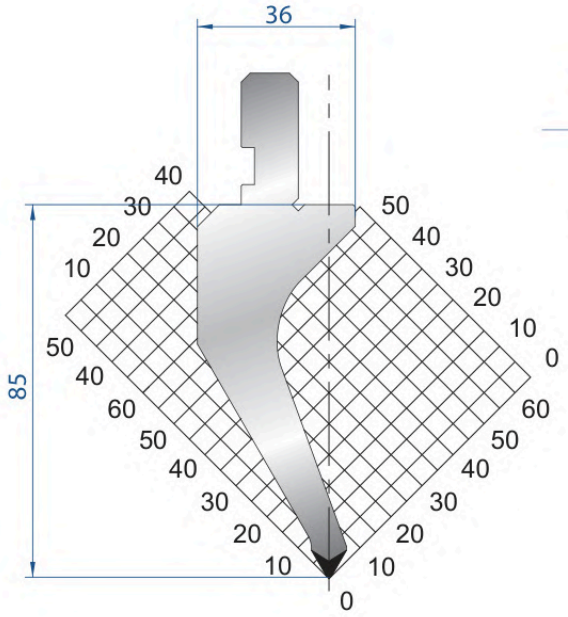
835 mm	15,0 kg
415 mm	7,0 kg
805 mm FRAZ. / SECT.	15,0 kg



1190

Mat = C45
trempé et revenu / tempered
H = 160.00
Max T/m = 40
α = 60°
R = 0.8

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

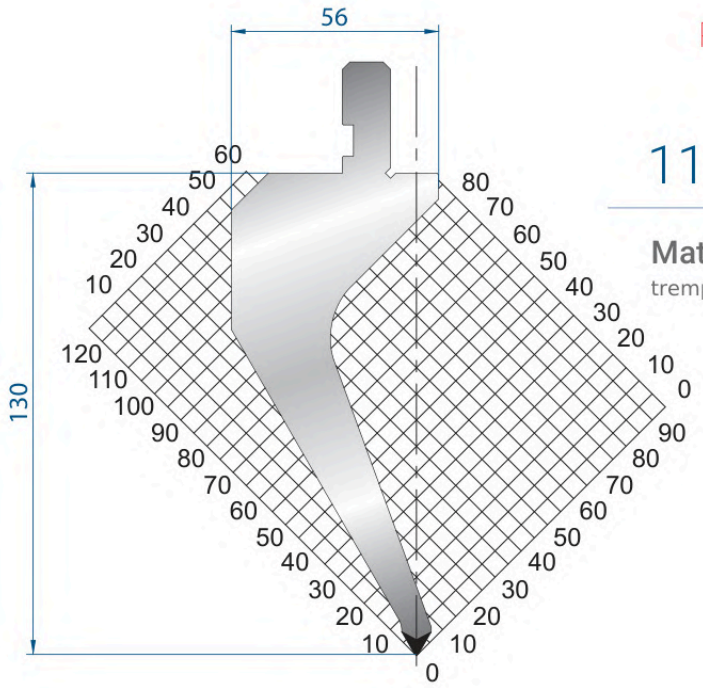


1162

Mat = 42CrMo4
trempé et revenu / tempered

H = 85.00
Max T/m = 40
α = 60°
R = 0.8

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

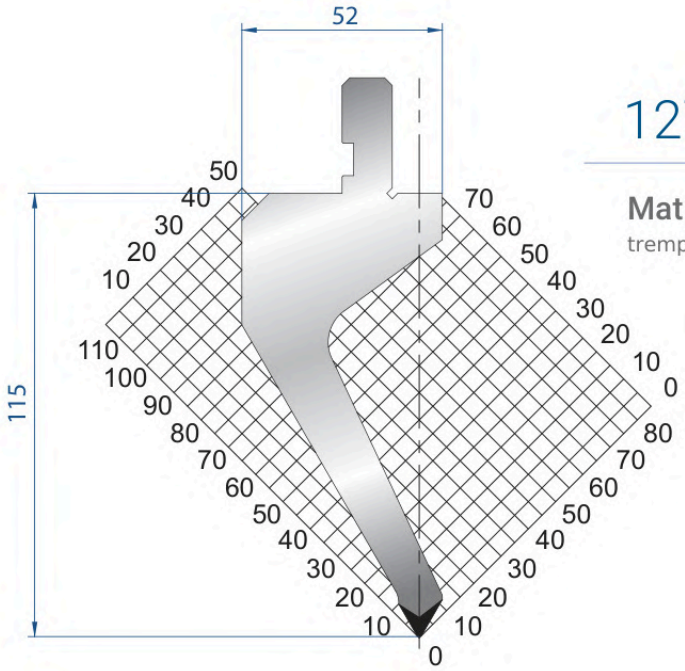


1163

Mat = C45
trempé et revenu / tempered

H = 130.00
Max T/m = 40
α = 60°
R = 0.8

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

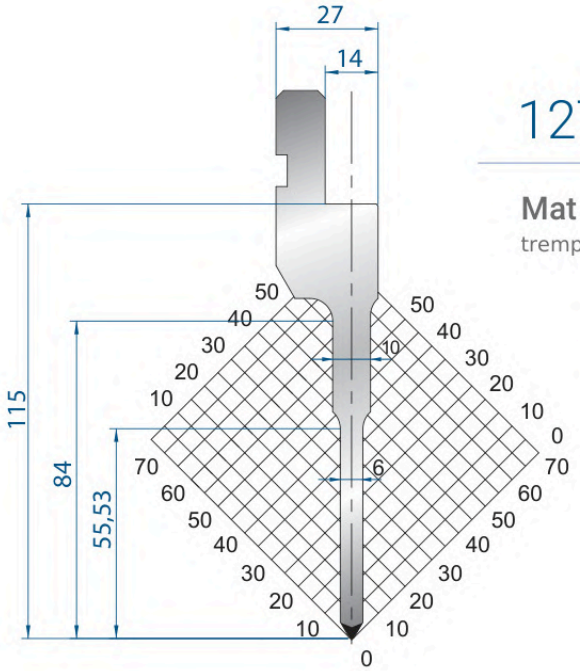


1272

Mat = C45
trempé et revenu / tempered

H = 115.00
Max T/m = 40
α = 60°
R = 0.8

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

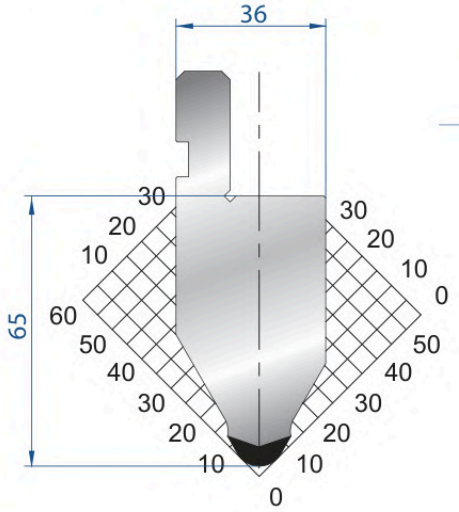


1271

Mat = C45
trempé et revenu / tempered

H = 115.00
Max T/m = 50
α = 60°
R = 0.8

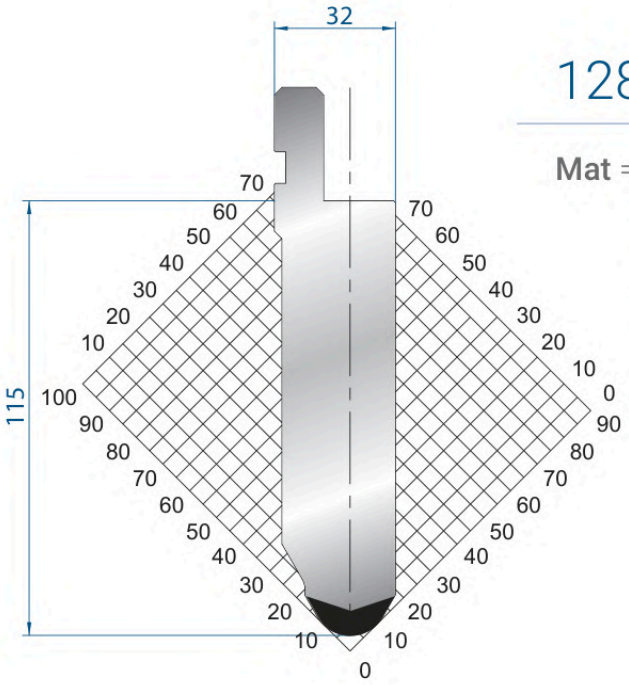
835 mm	9,0 kg
415 mm	4,0 kg
805 mm FRAZ. / SECT.	9,0 kg



1032

Mat = C45
H = 65.00
Max T/m = 120
α = 60°
R = 6

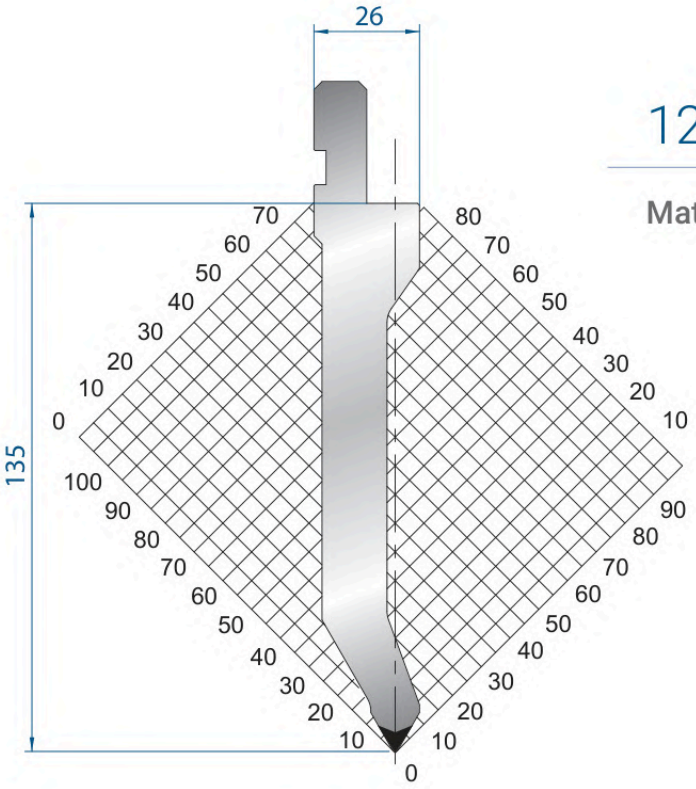
835 mm	14,0 kg
415 mm	7,0 kg
805 mm FRAZ. / SECT.	14,0 kg



1283

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 FRAZ. / SECT.	25,0 kg

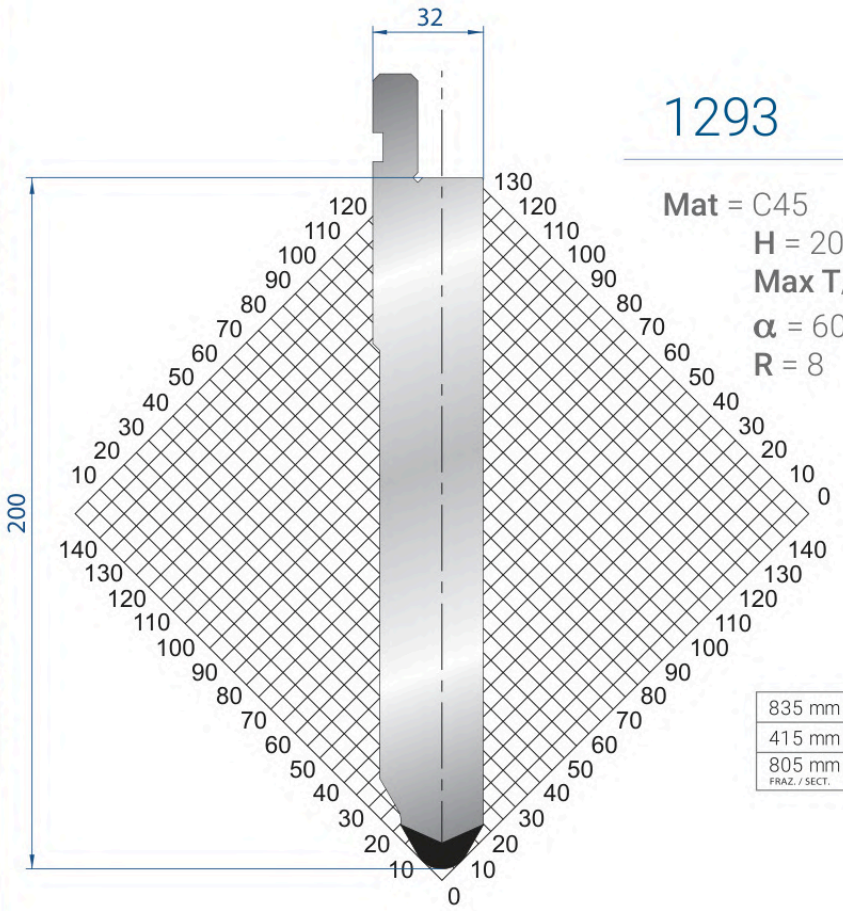


1284

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 FRAZ. / SECT.	19,0 kg

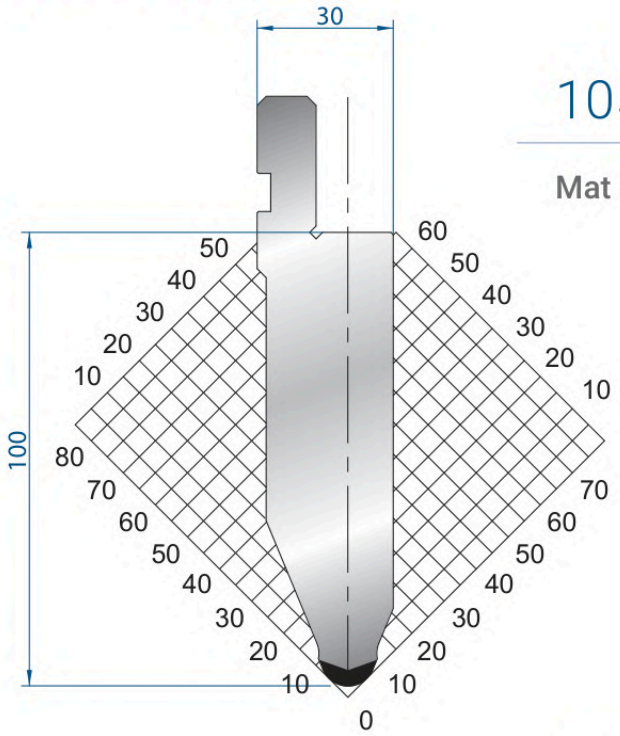




1293

Mat = C45
H = 200.00
Max T/m = 150
α = 60°
R = 8

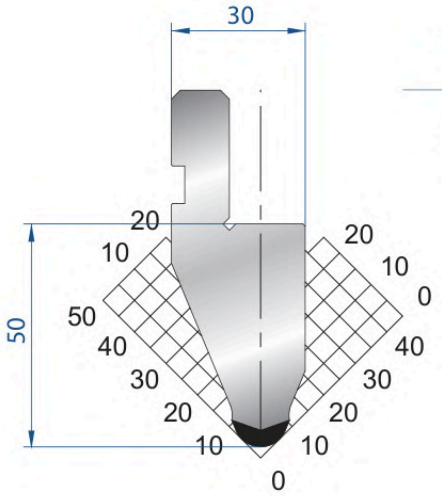
835 mm	40,8 kg
415 mm	20,4 kg
805 mm FRAZ. / SECT.	40,8 kg



1053

Mat = C45
H = 100.00
Max T/m = 100
α = 45°
R = 6

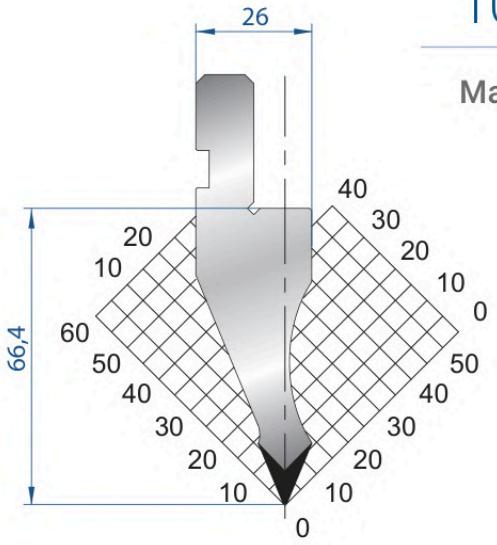
835 mm	19,0 kg
415 mm	9,0 kg
805 mm FRAZ. / SECT.	19,0 kg



1054

Mat = C45
H = 50.00
Max T/m = 100
α = 45°
R = 6

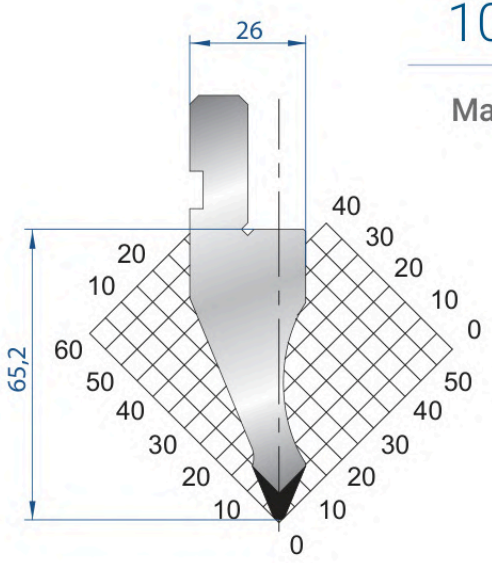
835 mm	9,0 kg
415 mm	4,0 kg
805 mm FRAZ. / SECT.	9,0 kg



1024

Mat = C45
H = 66.40
Max T/m = 80
α = 45°
R = 0.5

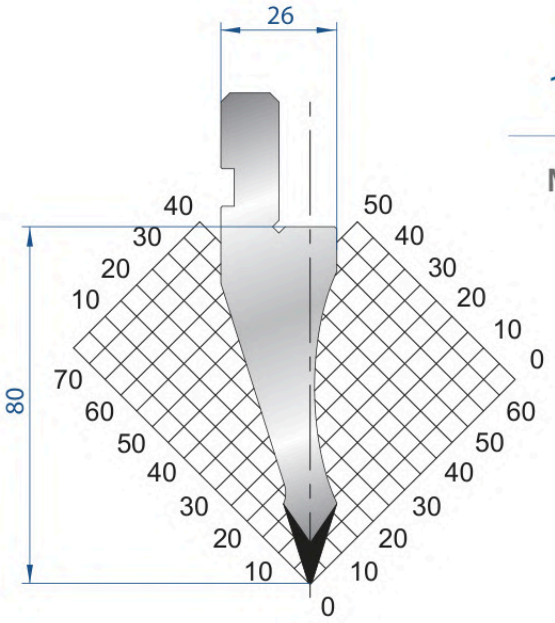
835 mm	10,0 kg
415 mm	5,0 kg
805 mm FRAZ. / SECT.	10,0 kg



1025

Mat = C45
H = 65.20
Max T/m = 80
α = 45°
R = 1.5

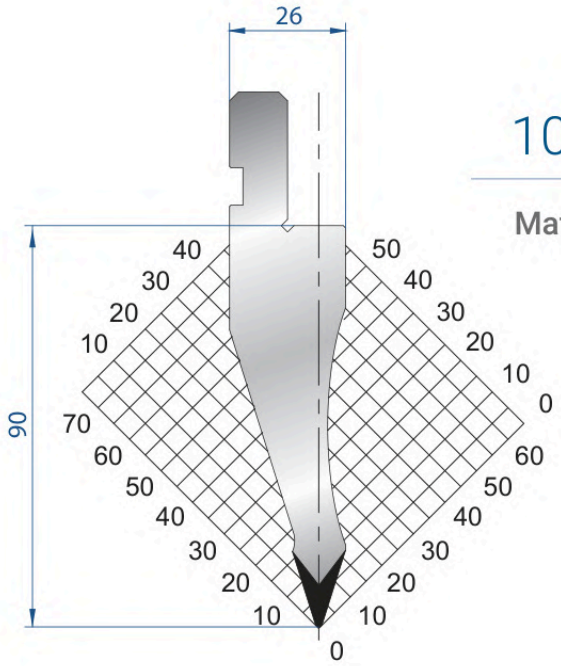
835 mm	10,0 kg
415 mm	5,0 kg
805 mm FRAZ. / SECT.	10,0 kg



1035

Mat = C45
H = 80.00
Max T/m = 70
α = 35°
R = 0.5

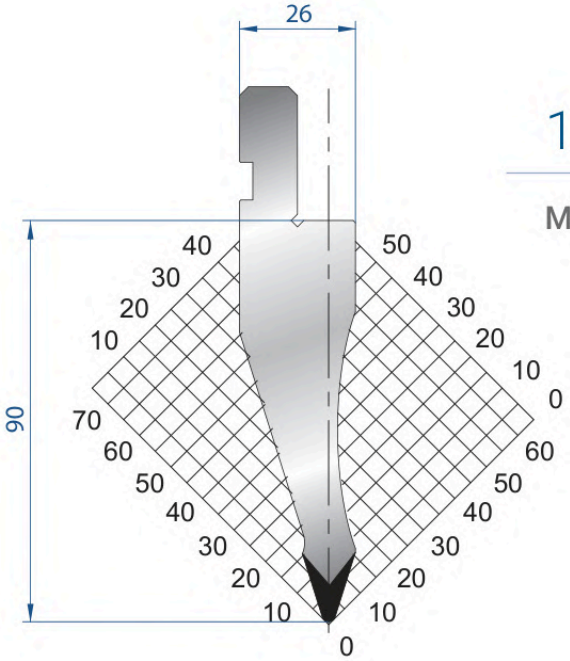
835 mm	11,0 kg
415 mm	5,0 kg
805 mm FRAZ. / SECT.	11,0 kg



1047

Mat = C45
H = 90.00
Max T/m = 70
α = 35°
R = 0.8

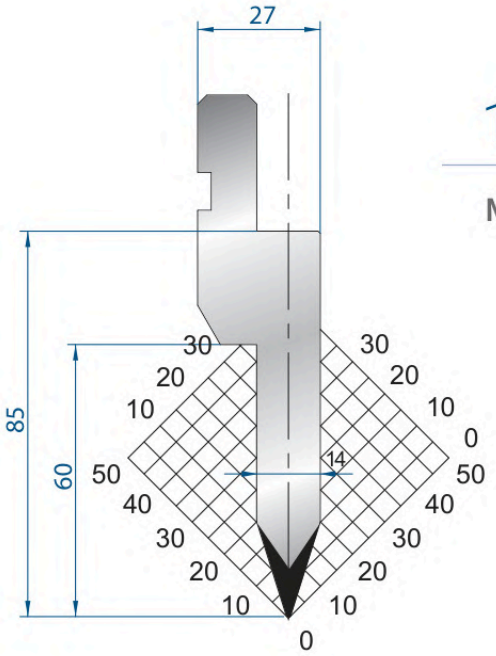
835 mm	12,0 kg
415 mm	6,0 kg
805 mm FRAZ. / SECT.	12,0 kg



1282

Mat = C45
H = 90.00
Max T/m = 70
α = 35°
R = 1.5

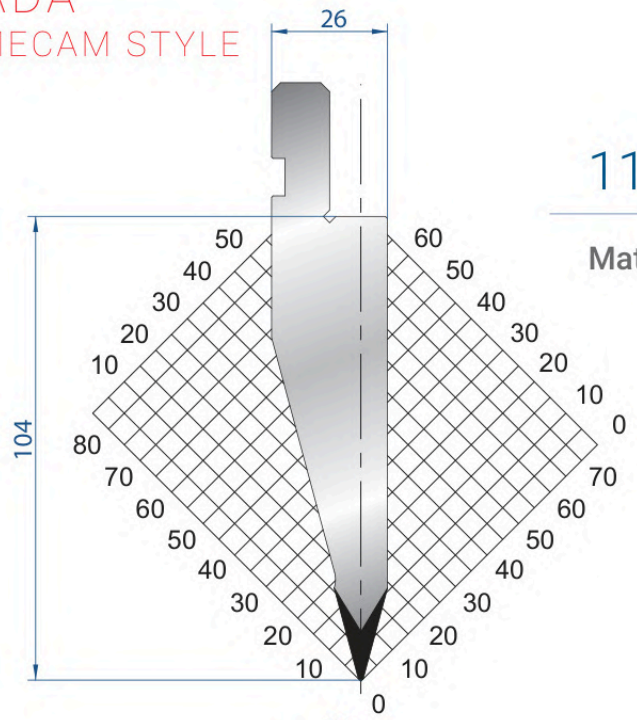
835 mm	12,0 kg
415 mm	6,0 kg
805 mm FRAZ. / SECT.	12,0 kg



1034

Mat = C45
H = 85.00
Max T/m = 100
α = 35°
P = 0.8

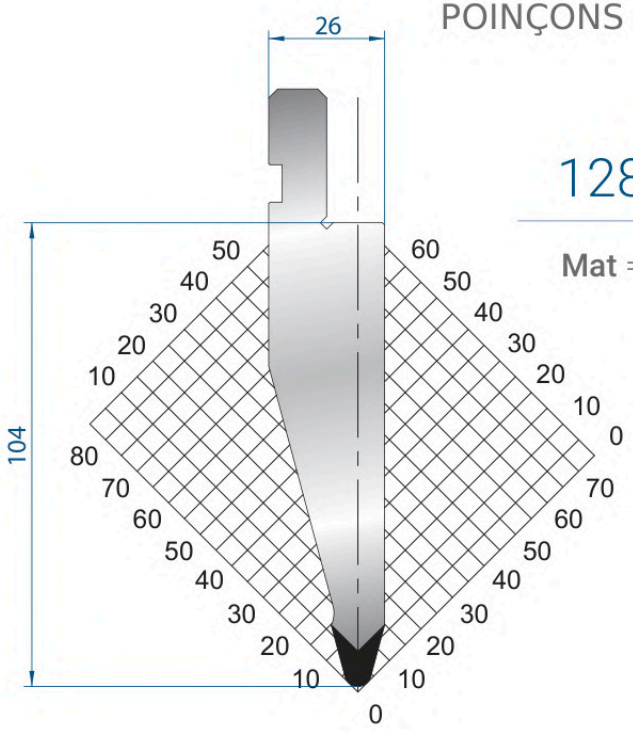
835 mm	10,0 kg
415 mm	5,0 kg
805 mm FRAZ. / SECT.	10,0 kg



1193

Mat = C45
H = 104.00
Max T/m = 100
α = 30°
R = 0.6

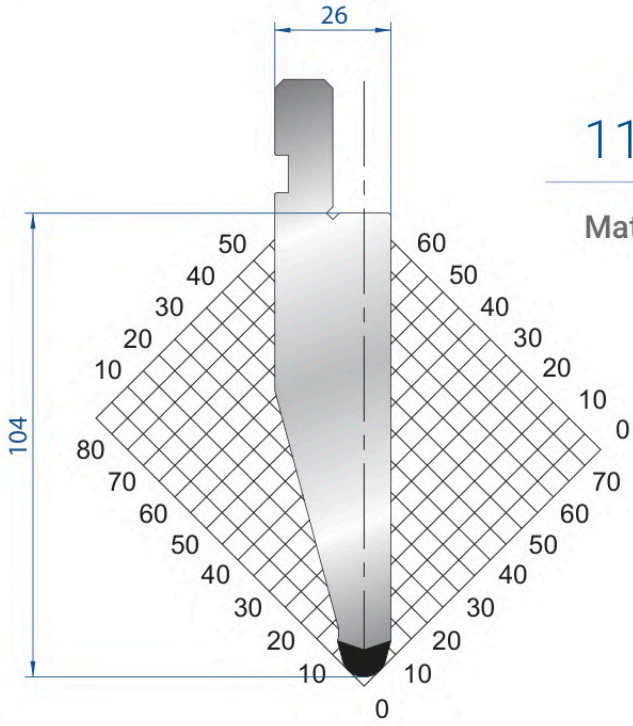
835 mm	16,0 kg
415 mm	8,0 kg
805 mm FRAZ. / SECT.	16,0 kg



1289

Mat = C45
H = 104.00
Max T/m = 100
α = 30°
R = 3

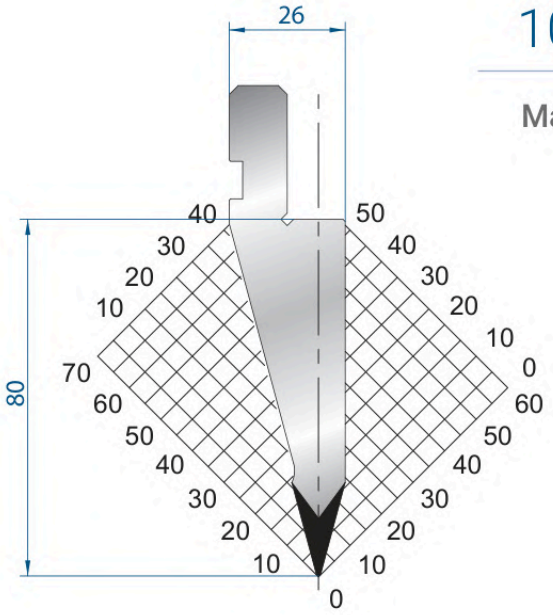
835 mm	16,0 kg
415 mm	8,0 kg
805 mm FRAZ. / SECT.	16,0 kg



1194

Mat = C45
H = 104.00
Max T/m = 100
α = 30°
R = 5

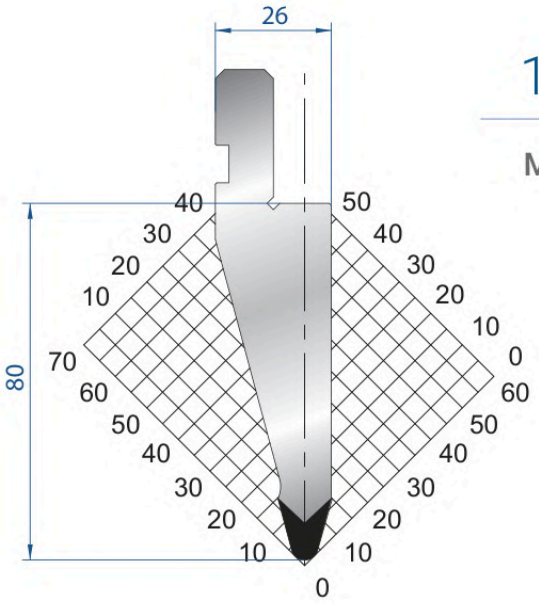
835 mm	16,0 kg
415 mm	8,0 kg
805 mm FRAZ. / SECT.	16,0 kg



1056

Mat = C45
H = 80.00
Max T/m = 100
α = 30°
R = 0.5

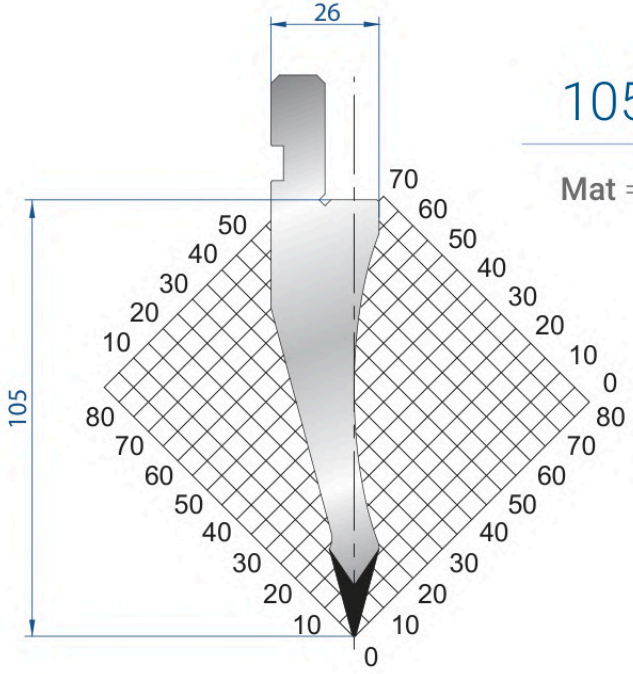
835 mm	10,0 kg
415 mm	5,0 kg
805 mm FRAZ. / SECT.	10,0 kg



1057

Mat = C45
H = 80.00
Max T/m = 100
α = 30°
R = 3

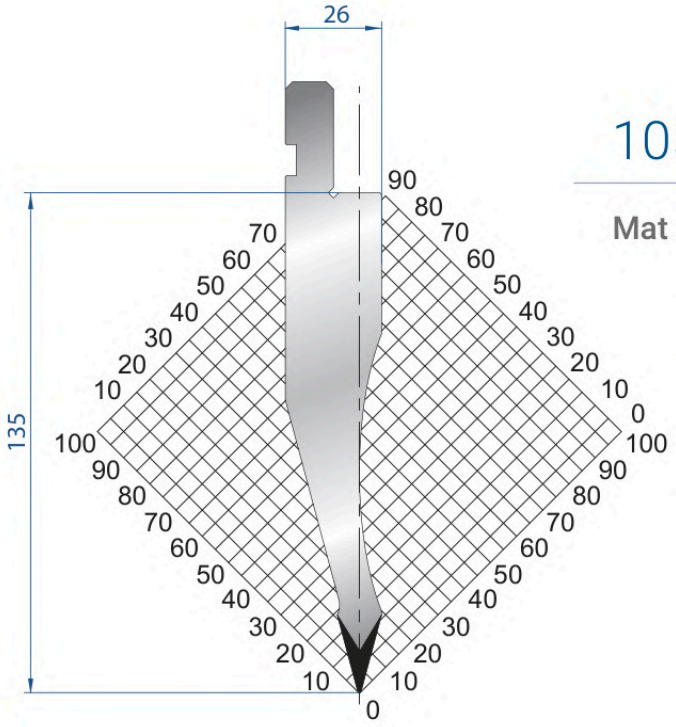
835 mm	10,0 kg
415 mm	5,0 kg
805 mm FRAZ. / SECT.	10,0 kg



1055

Mat = C45
H = 105.00
Max T/m = 50
α = 30°
R = 0.5

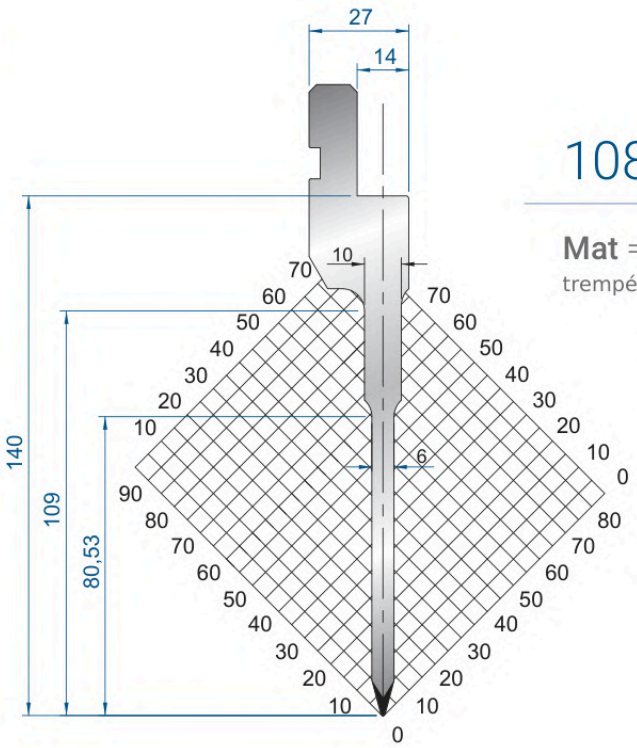
835 mm	15,0 kg
415 mm	7,0 kg
805 mm FRAZ. / SECT.	15,0 kg



1052

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 FRAZ. / SECT.	19,0 kg

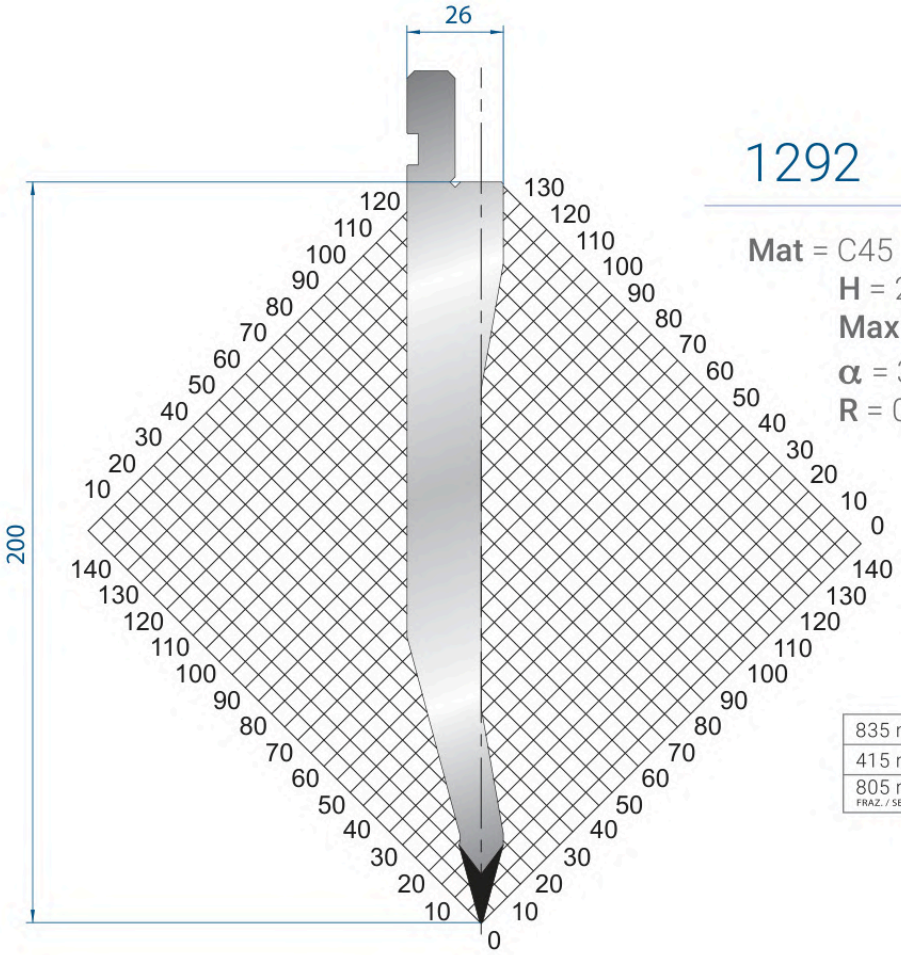


1086

Mat = C45
trempé et revenu / tempered

H = 140.00
Max T/m = 40
α = 30°
R = 0.6

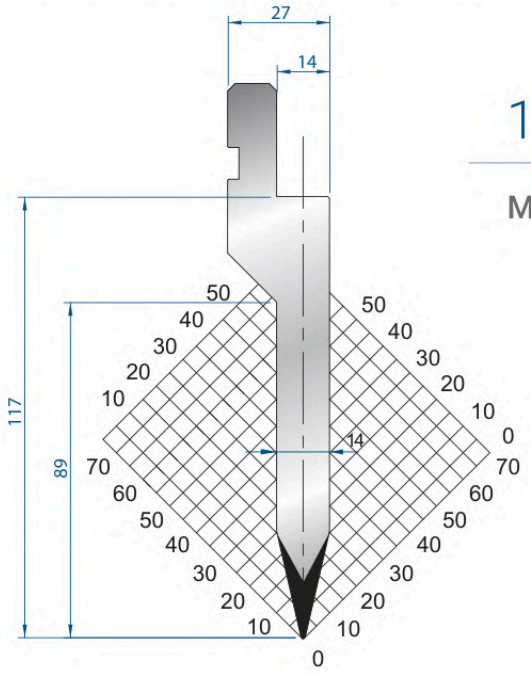
835 mm	11,0 kg
415 mm	5,0 kg
805 mm FRAZ. / SECT.	11,0 kg



1292

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

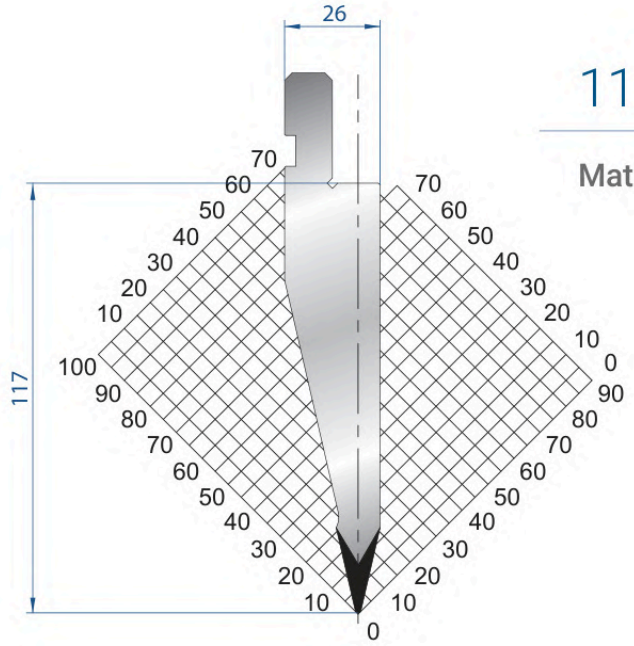
835 mm	25,0 kg
415 mm	13,0 kg
805 mm FRAZ. / SECT.	25,0 kg



1033

Mat = C45
H = 117.00
Max T/m = 100
α = 26°
P = 1

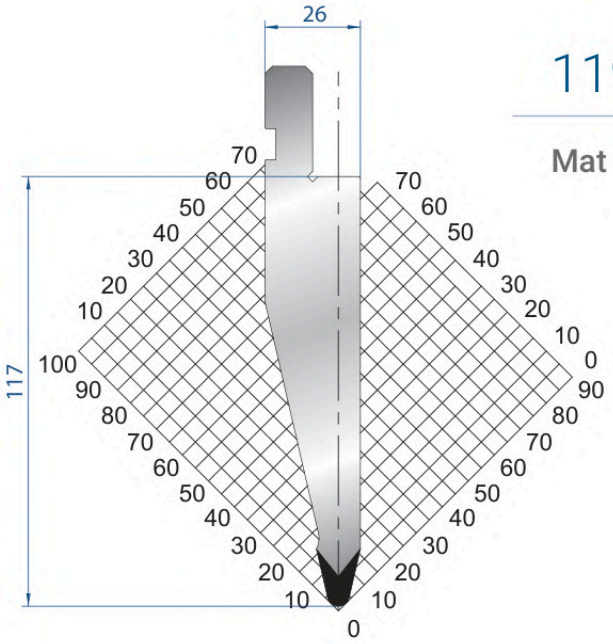
835 mm	13,8 kg
415 mm	6,0 kg
805 mm FRAZ. / SECT.	13,8 kg



1178

Mat = C45
H = 117.00
Max T/m = 100
α = 26°
R = 0.8

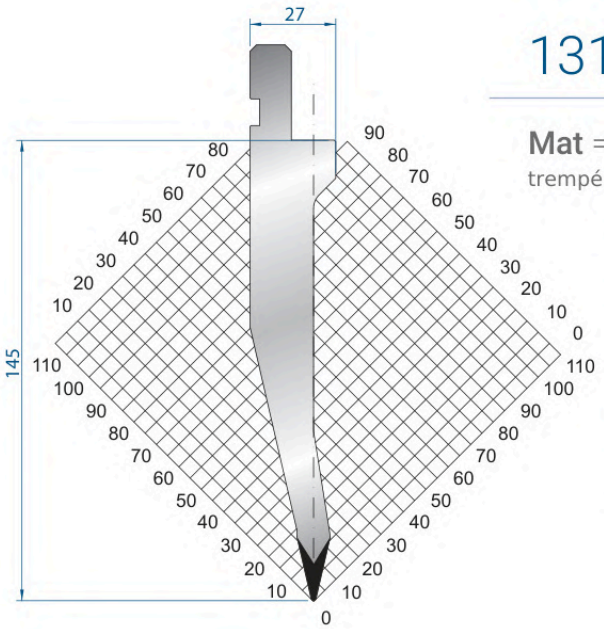
835 mm	16,0 kg
415 mm	8,0 kg
805 mm FRAZ. / SECT.	16,0 kg



1192

Mat = C45
H = 117.00
Max T/m = 100
α = 26°
R = 3

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

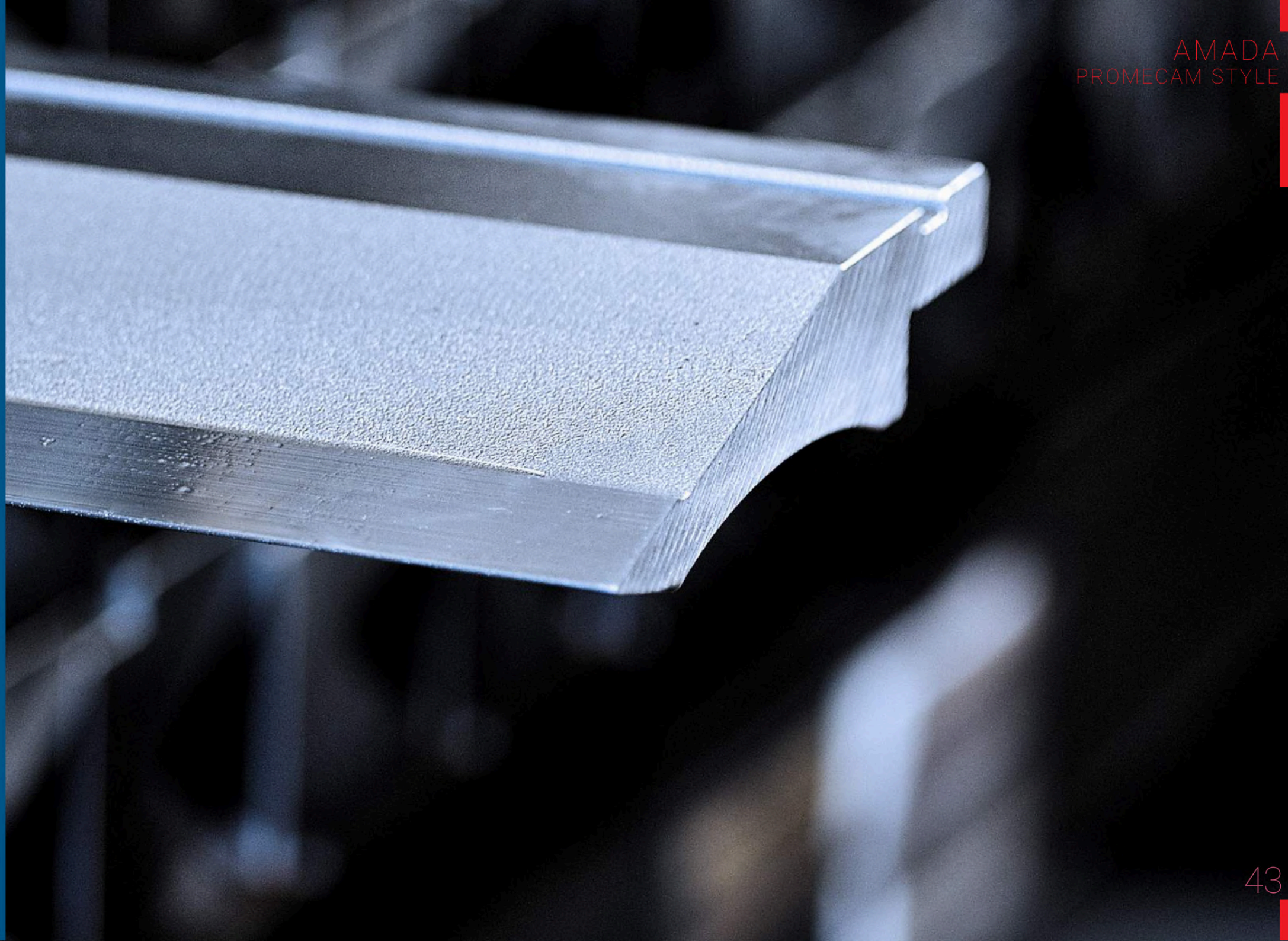


1311

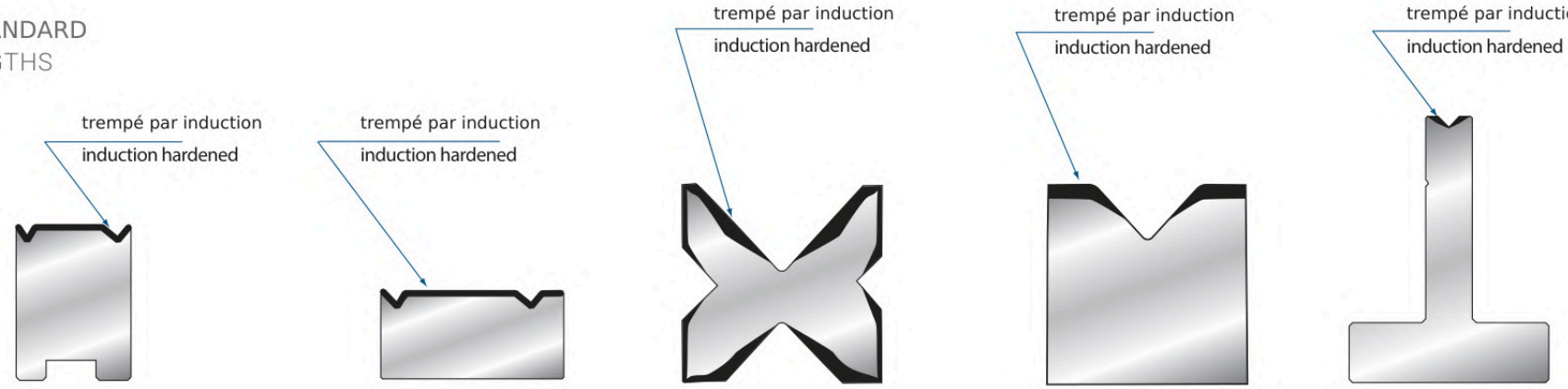
Mat = 42CrMo4
trempé et revenu / tempered
H = 145.00
Max T/m = 100
α = 26°
R = 0.8

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

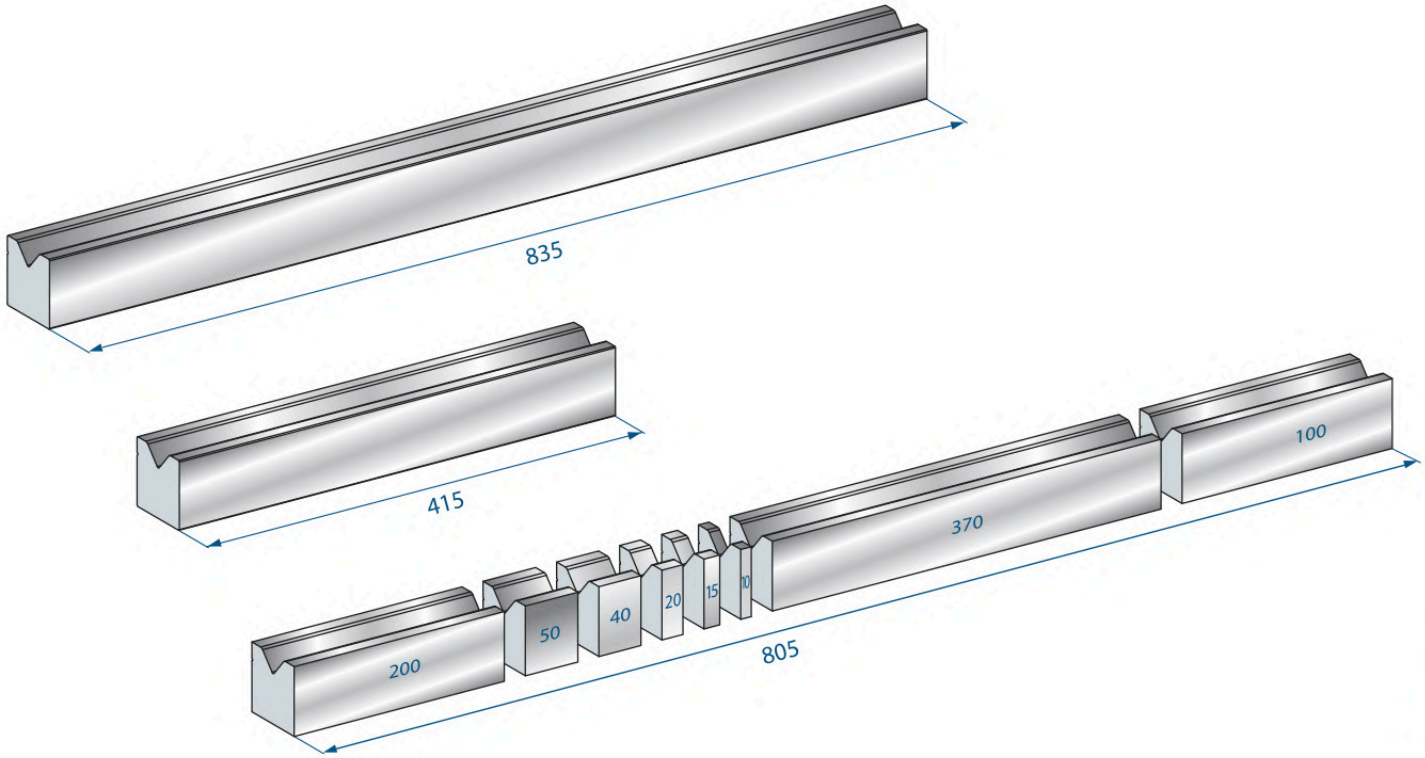




LONGUEURS STANDARD
STANDARD LENGTHS

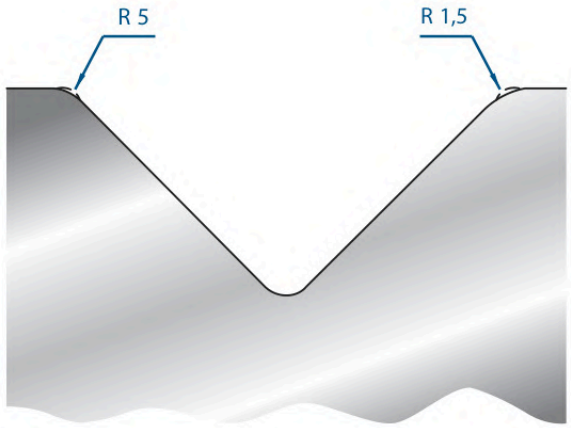


FRACTIONNEMENT STANDARD
STANDARD SEGMENTATION

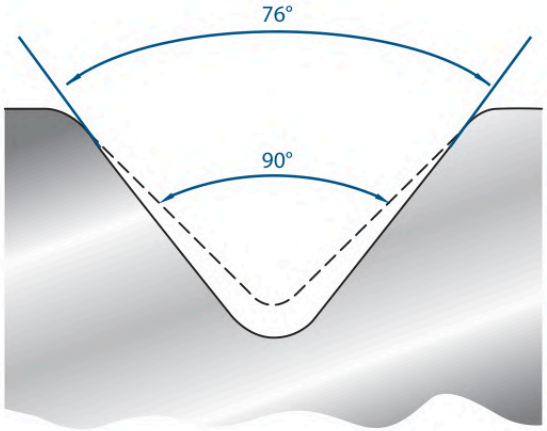




FRACTIONNEMENT SUR DEMANDE
SPECIAL SEGMENTATION

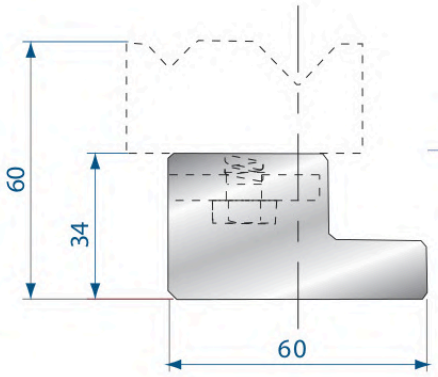


MODIFICATION DU RAYON
RADIUS MODIFICATION



MODIFICATION DE L'ANGLE
ANGLE MODIFICATION

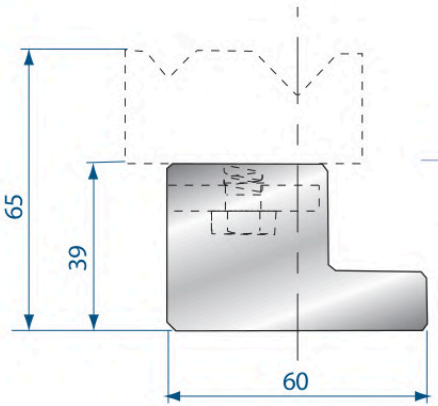
SUPPORTS POUR MATRICES 2V / DIE HOLDERS FOR 2V DIES



2018

Mat = C45

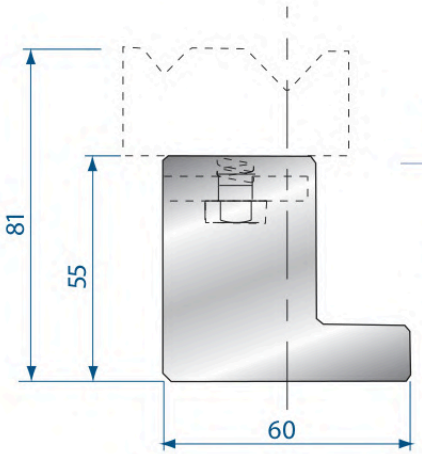
835 mm	9,0 kg
415 mm	4,0 kg



2039

Mat = C45

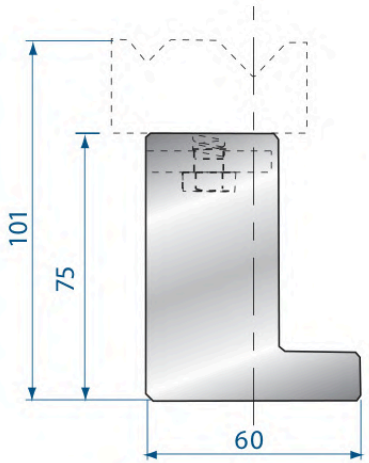
835 mm	12,0 kg
415 mm	6,0 kg



2019

Mat = C45

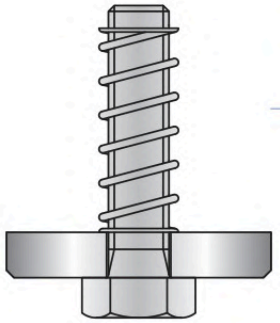
835 mm	15,0 kg
415 mm	7,0 kg



2035

Mat = C45

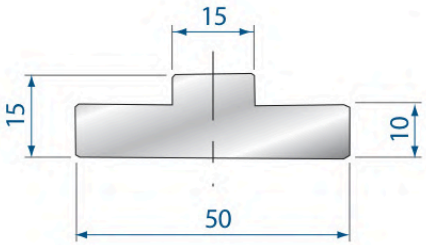
835 mm	19,0 kg
415 mm	9,0 kg



4277

RESSORT + RONDELLE + VIS
SPRING + WASHER + SCREW

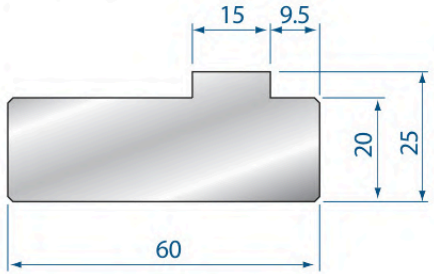
SUPPORTS POUR MATRICES AUTOCENTRANTES
DIE HOLDERS FOR SELF-CENTERING DIES



2058

Mat = C45

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



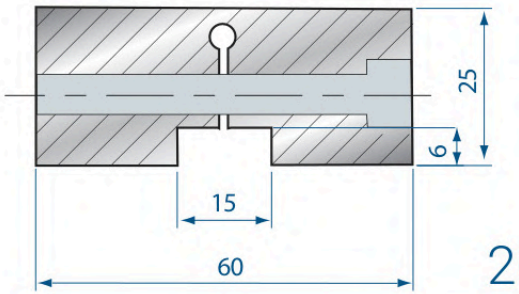
2059

Mat = C45

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

À INSTALLER SUR LES SUPPORTS
TO BE INSTALLED ON DIE HOLDER
2018 - 2019 - 2035 - 2039

BUTÉE POUR MATRICES AUTOCENTRANTES
FIXED BAR FOR SELF-CENTERING DIES

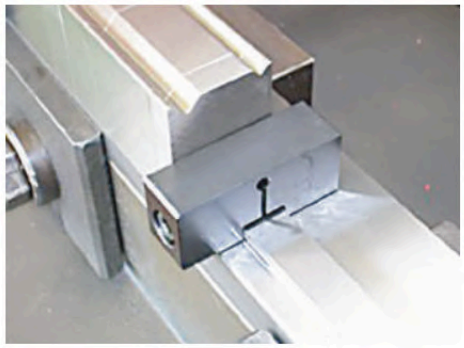


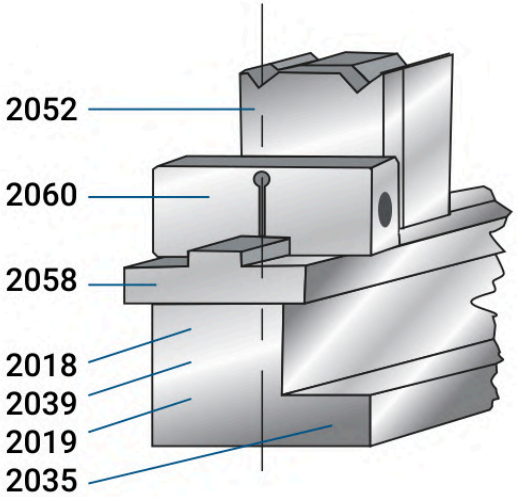
2060

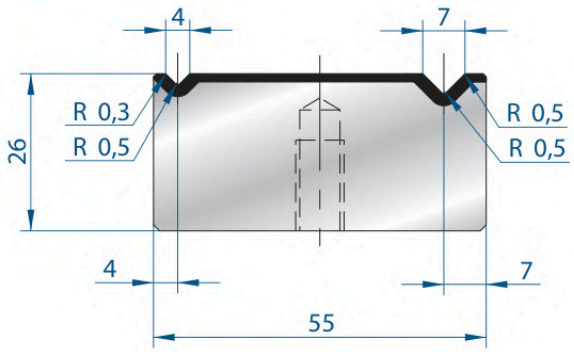
Mat = C45

15 mm	0,2 kg

EXEMPLE DE MONTAGE
ASSEMBLY EXAMPLE



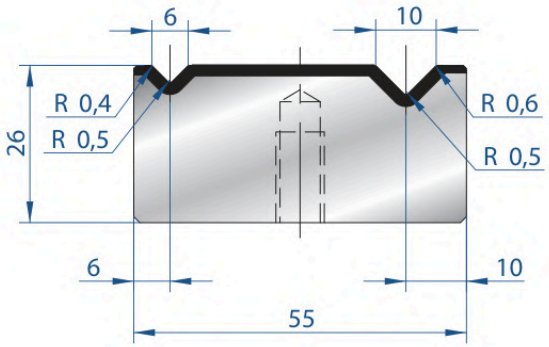




2010

Mat = C45
Max T/m = 100
α = 90°

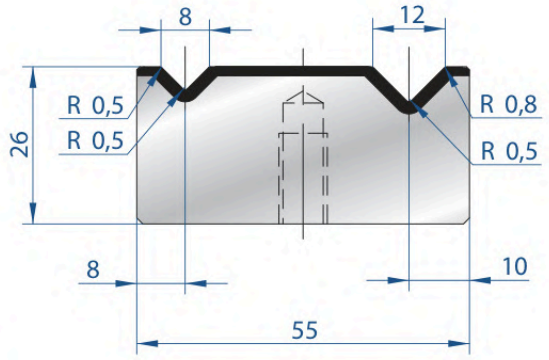
835 mm	9,0 kg
415 mm	4,0 kg



2011

Mat = C45
Max T/m = 100
α = 90°

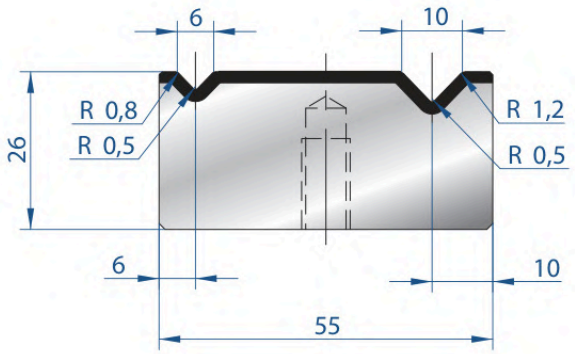
835 mm	9,0 kg
415 mm	4,0 kg



2012

Mat = C45
Max T/m = 100
α = 90°

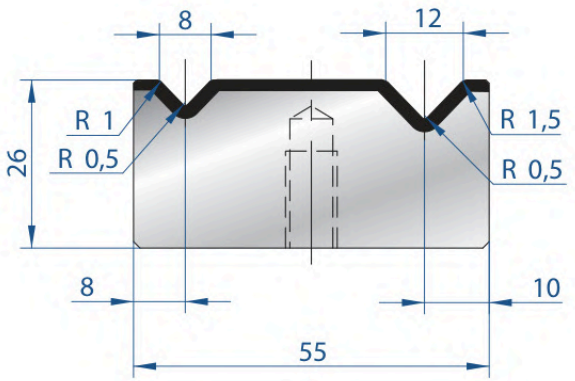
835 mm	9,0 kg
415 mm	4,0 kg



2046

Mat = C45
Max T/m = 100
α = 88°

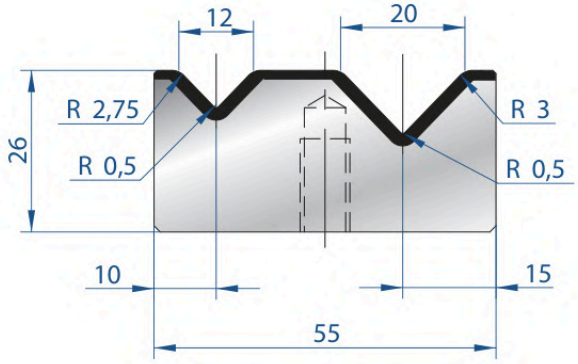
835 mm	9,0 kg
415 mm	4,0 kg



2041

Mat = C45
Max T/m = 100
α = 88°

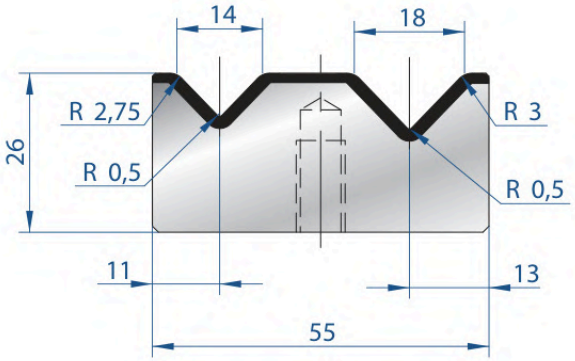
835 mm	9,0 kg
415 mm	4,0 kg



2013

Mat = C45
Max T/m = 100
α = 88°

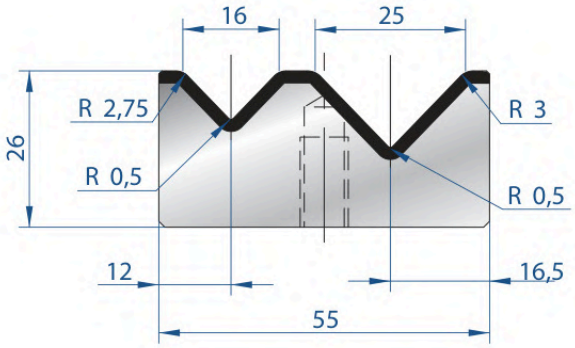
835 mm	9,0 kg
415 mm	4,0 kg



2032

Mat = C45
Max T/m = 100
α = 88°

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

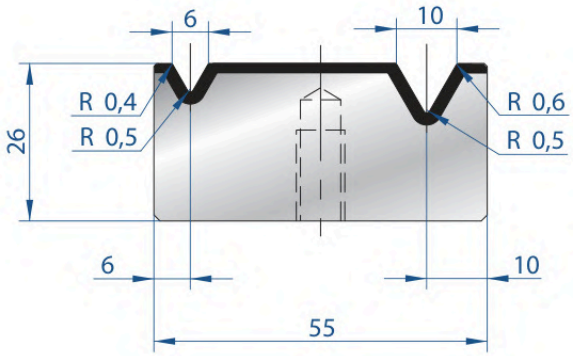


2014

Mat = C45
Max T/m = 100
α = 88°

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

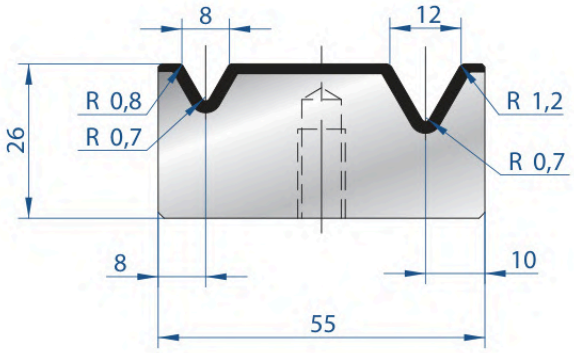
MATRICES 2V - 60° / 2V DIES - 60°



2015

Mat = C45
Max T/m = 60
α = 60°

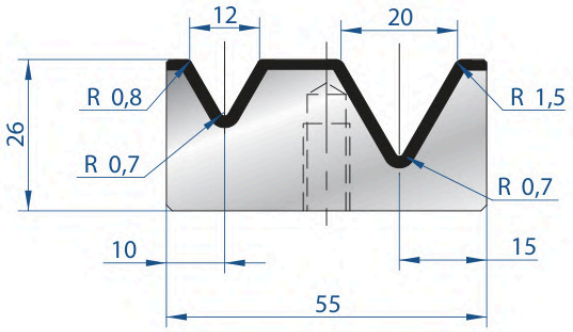
835 mm	8,0 kg
415 mm	4,0 kg



2016

Mat = C45
Max T/m = 60
α = 60°

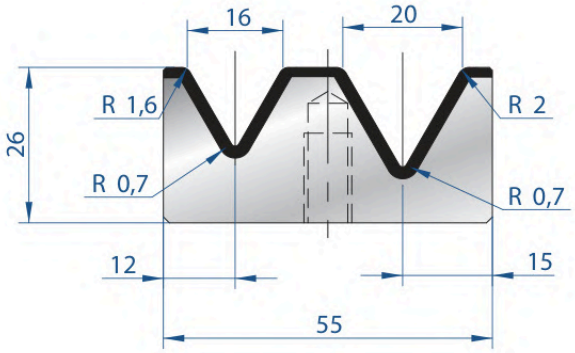
835 mm	8,0 kg
415 mm	4,0 kg



2033

Mat = C45
Max T/m = 60
α = 60°

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

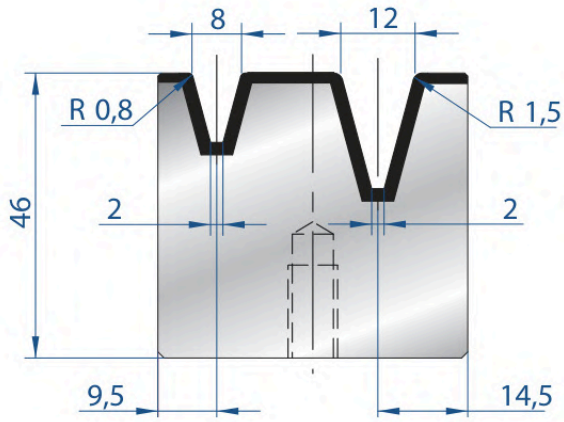


2017

Mat = C45
Max T/m = 60
α = 60°

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

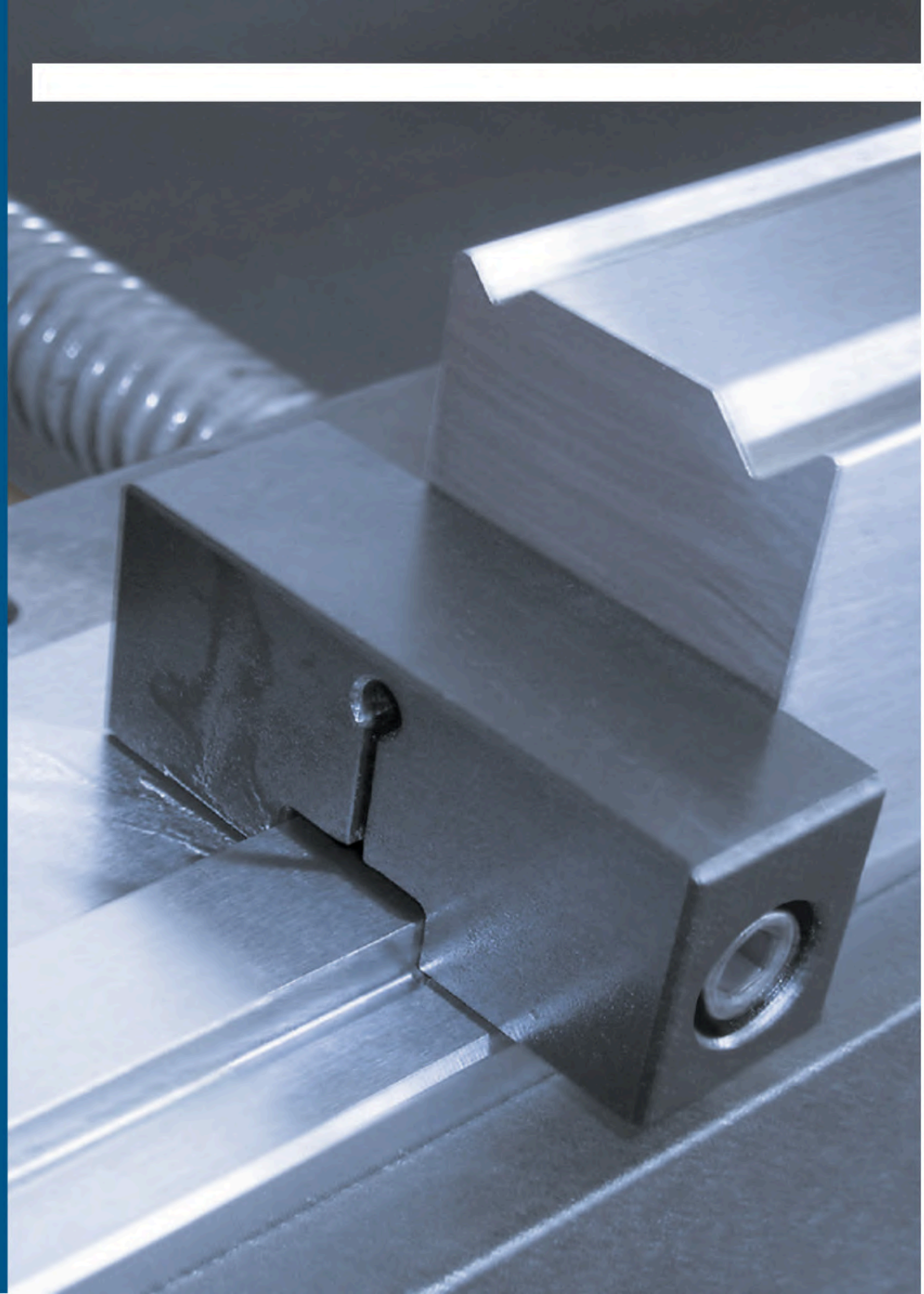
MATRICES 2V - 30° / 2V DIES - 30°

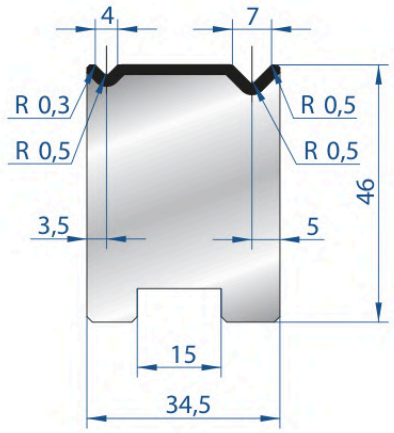


2047

Mat = C45
Max T/m = 40
α = 30°

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

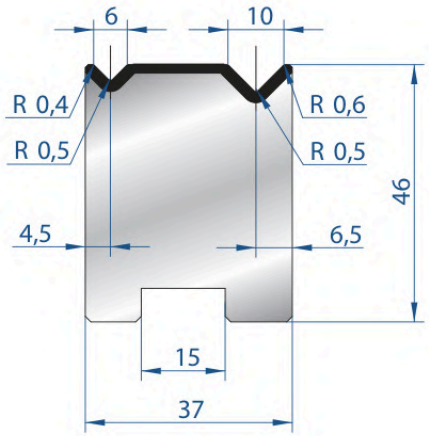




2048

Mat = C45
Max T/m = 80
α = 90°

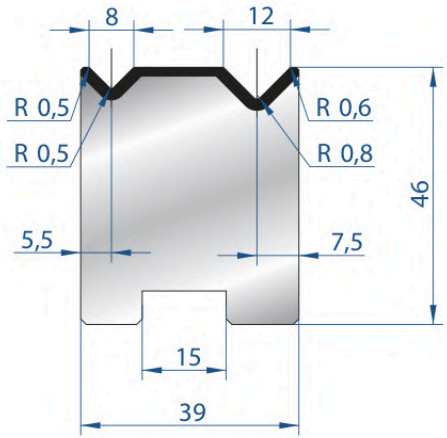
835 mm	9,0 kg
415 mm	4,0 kg
805 mm FRAZ. / SECT.	9,0 kg



2049

Mat = C45
Max T/m = 80
α = 90°

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

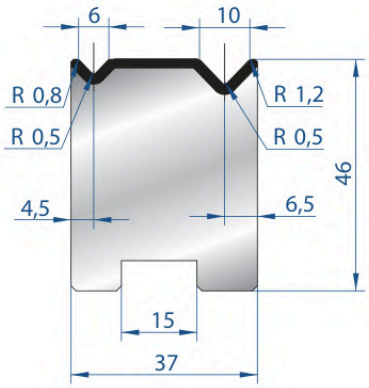


2051

Mat = C45
Max T/m = 80
α = 90°

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

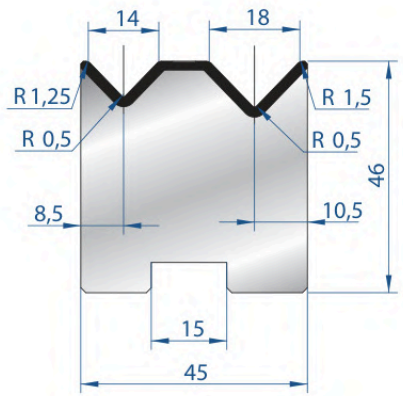
MATRICES 2V AUTOCENTRANTES - 88° / 2V SELF-CENTERING DIES - 88°



2050

Mat = C45
Max T/m = 80
α = 88°

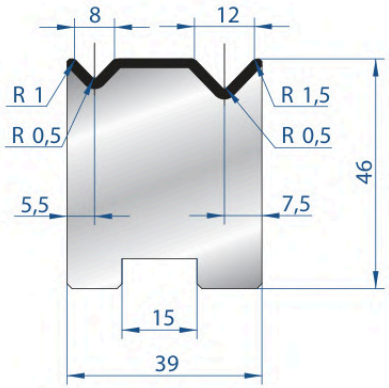
835 mm	10,0 kg
415 mm	5,0 kg
805 mm FRAZ. / SECT.	10,0 kg



2053

Mat = C45
Max T/m = 80
α = 88°

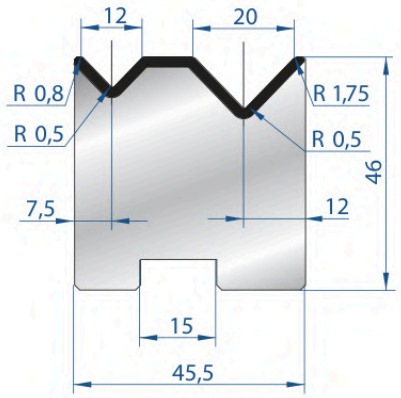
835 mm	12,0 kg
415 mm	6,0 kg
805 mm FRAZ. / SECT.	12,0 kg



2052

Mat = C45
Max T/m = 80
α = 88°

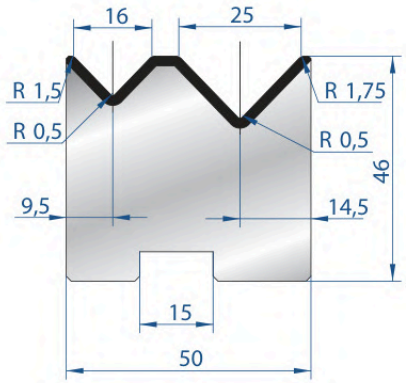
835 mm	10,0 kg
415 mm	5,0 kg
805 mm FRAZ. / SECT.	10,0 kg



2054

Mat = C45
Max T/m = 80
α = 88°

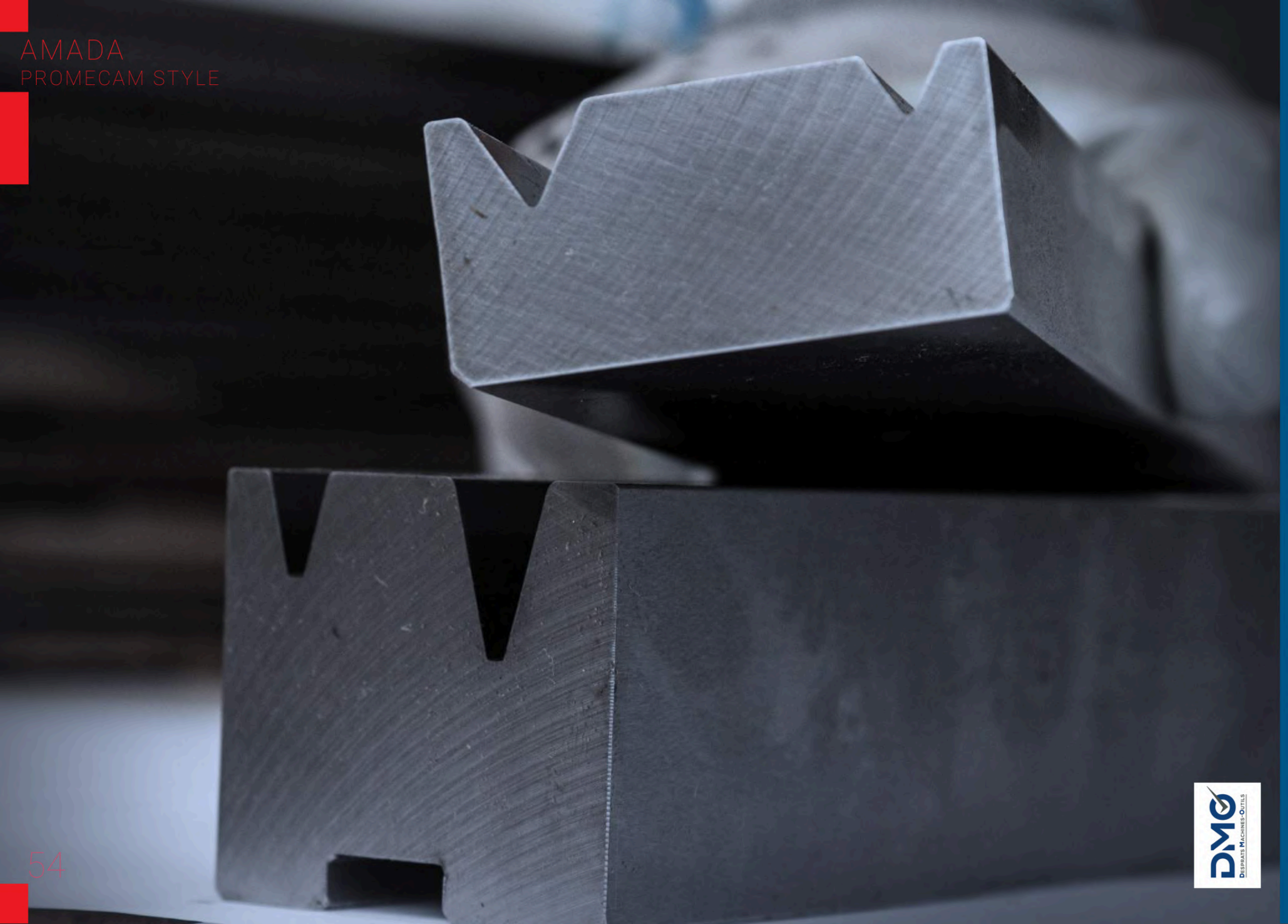
835 mm	12,0 kg
415 mm	6,0 kg
805 mm FRAZ. / SECT.	12,0 kg

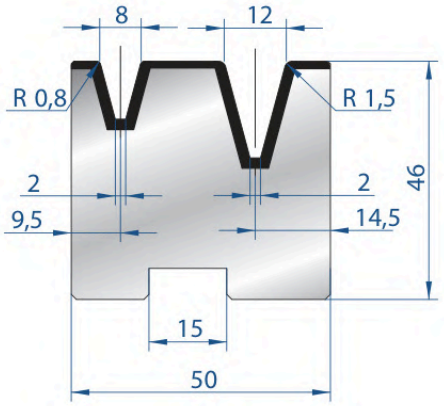


2055

Mat = C45
Max T/m = 80
α = 88°

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

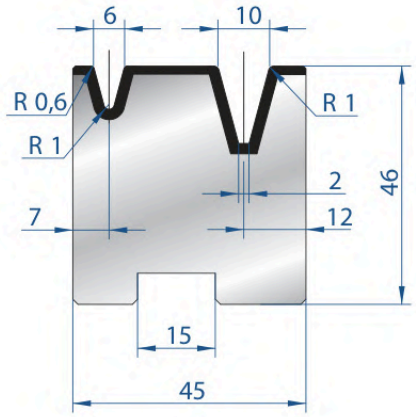




2056

Mat = C45
Max T/m = 40
α = 30°

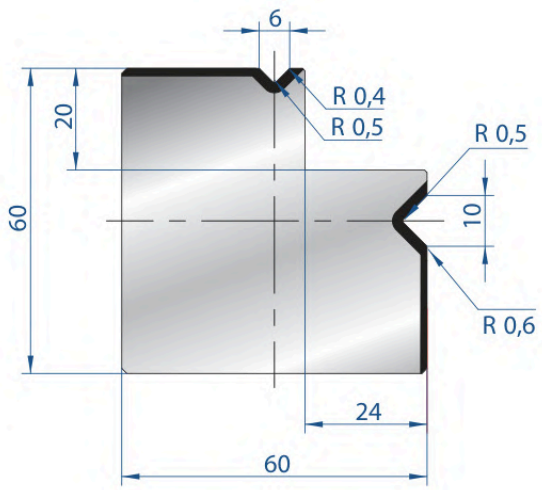
835 mm	13,0 kg
415 mm	6,0 kg
805 mm FRAZ. / SECT.	13,0 kg



2057

Mat = C45
Max T/m = 40
α = 30°

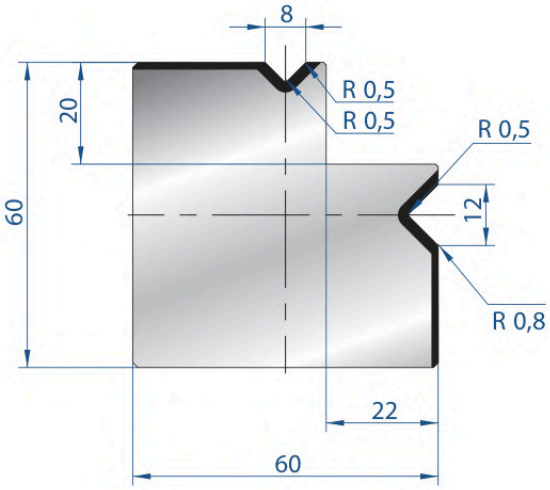
835 mm	13,0 kg
415 mm	6,0 kg
805 mm FRAZ. / SECT.	13,0 kg



2028

Mat = C45
Max T/m = 80
α = 90°

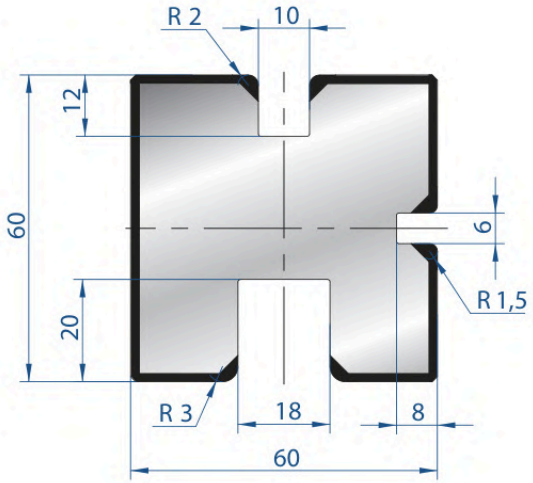
835 mm	20,0 kg
415 mm	10,0 kg
805 mm FRAZ. / SECT.	20,0 kg



2029

Mat = C45
Max T/m = 80
α = 90°

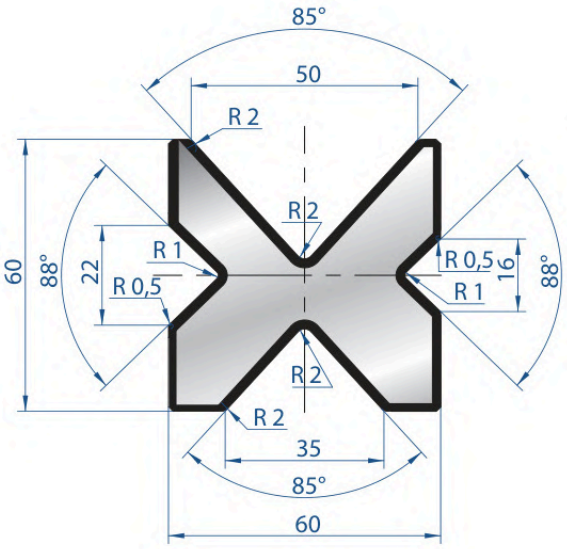
835 mm	20,0 kg
415 mm	10,0 kg
805 mm FRAZ. / SECT.	20,0 kg



2031

Mat = C45
Max T/m = 100
α = 90°

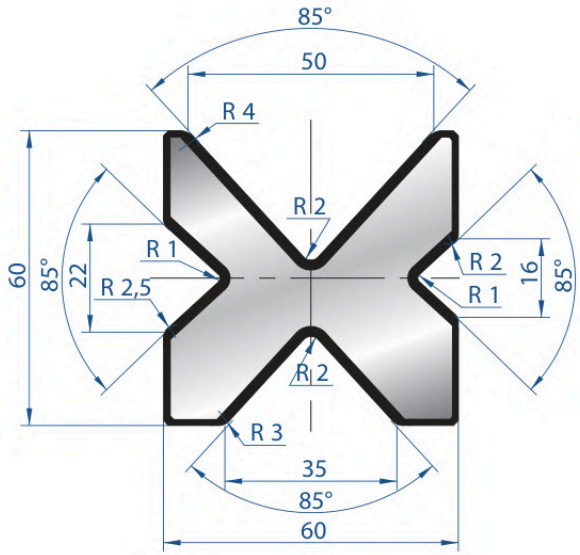
835 mm	20,0 kg
415 mm	10,0 kg
805 mm FRAZ. / SECT.	20,0 kg



2030

Mat = C45
Max T/m = 80
α = 85° – 88°

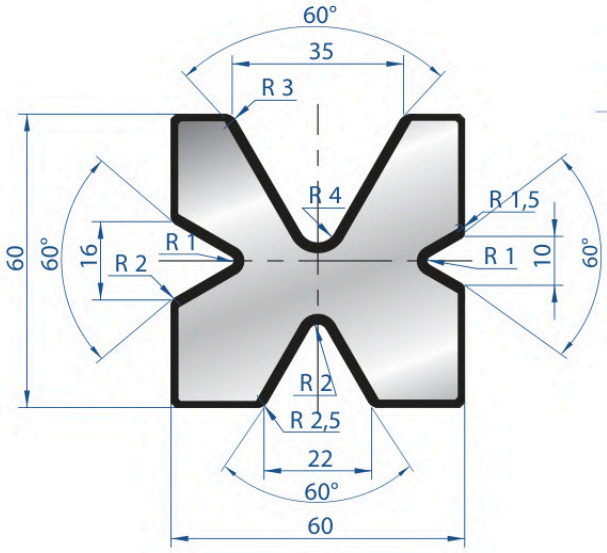
835 mm	16,0 kg
415 mm	8,0 kg
805 mm FRAZ. / SECT.	16,0 kg



2067

Mat = C45
Max T/m = 80
α = 85°

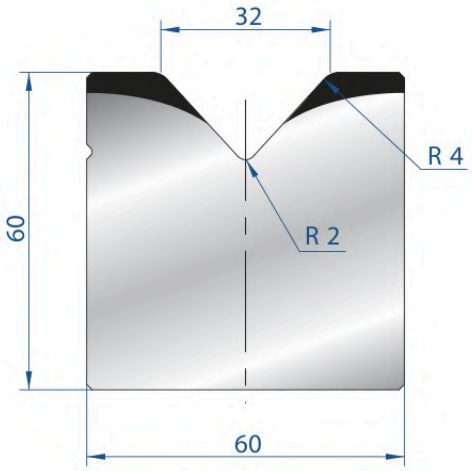
835 mm	16,0 kg
415 mm	8,0 kg
805 mm FRAZ. / SECT.	16,0 kg



2034

Mat = C45
Max T/m = 60
α = 60°

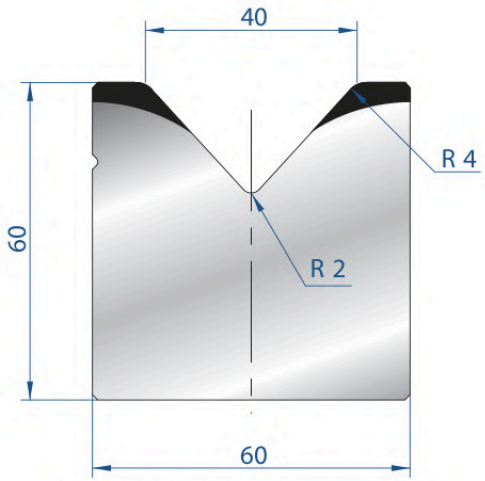
835 mm	18,0 kg
415 mm	9,0 kg
805 mm FRAZ. / SECT.	18,0 kg



2020

Mat = C45
Max T/m = 100
α = 85°

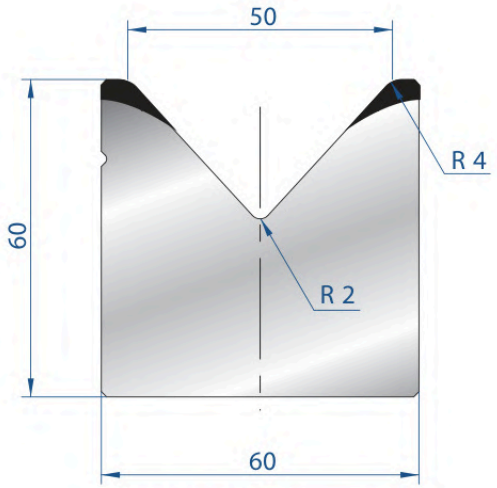
835 mm	22,0 kg
415 mm	11,0 kg
805 mm FRAZ. / SECT.	22,0 kg



2021

Mat = C45
Max T/m = 100
α = 85°

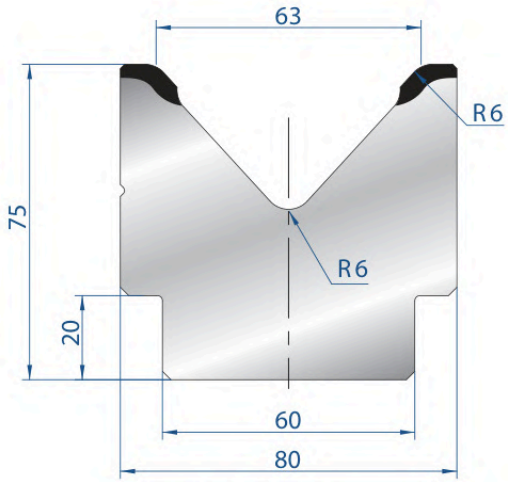
835 mm	21,0 kg
415 mm	10,0 kg
805 mm FRAZ. / SECT.	21,0 kg



2022

Mat = C45
Max T/m = 80
α = 85°

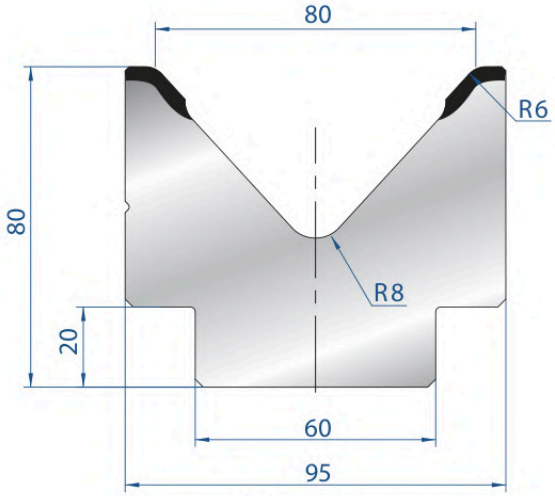
835 mm	19,0 kg
415 mm	9,0 kg
805 mm FRAZ. / SECT.	19,0 kg



2023

Mat = C45
Max T/m = 100
α = 85°

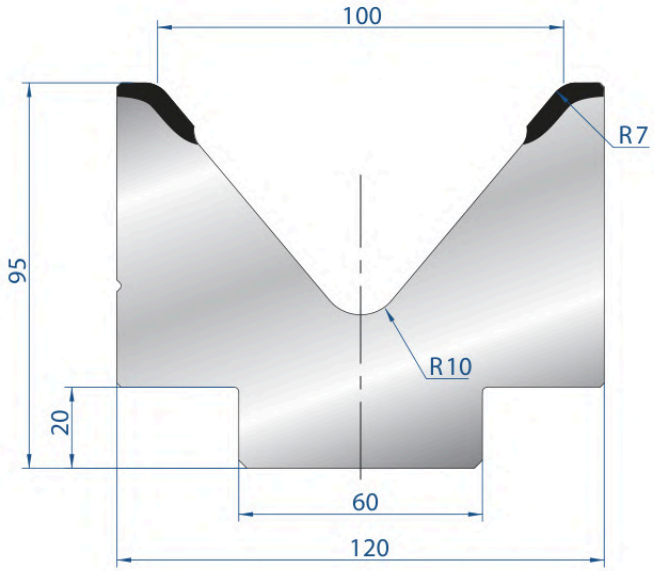
835 mm	28,5 kg
415 mm	15,0 kg
805 mm FRAZ. / SECT.	28,5 kg



2024

Mat = C45
Max T/m = 100
α = 85°

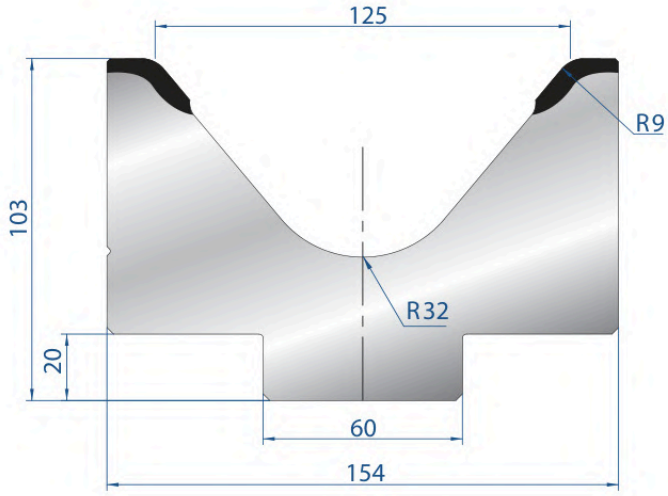
835 mm	38,0 kg
415 mm	19,0 kg
805 mm FRAZ. / SECT.	38,0 kg



2025

Mat = C45
Max T/m = 120
α = 80°

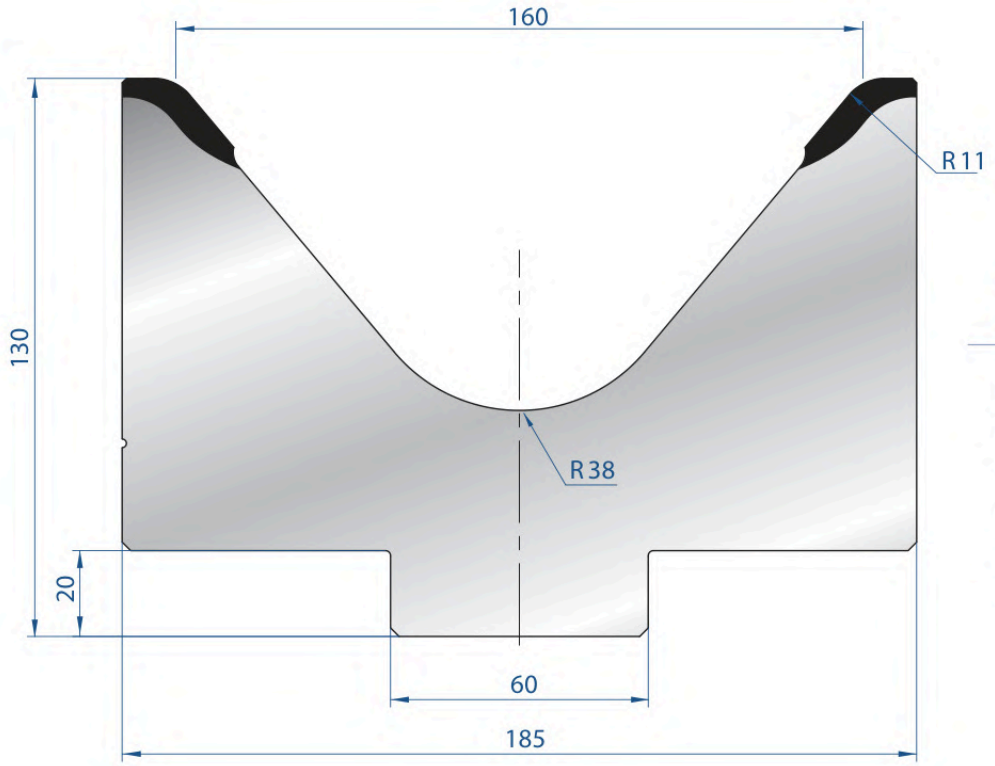
835 mm	50,0 kg
415 mm	25,0 kg
805 mm FRAZ. / SECT.	50,0 kg



2026

Mat = C45
Max T/m = 120
α = 80°

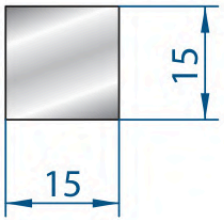
835 mm	70,0 kg
415 mm	35,0 kg
805 mm FRAZ. / SECT.	70,0 kg



2027

Mat = C45
Max T/m = 120
α = 80°

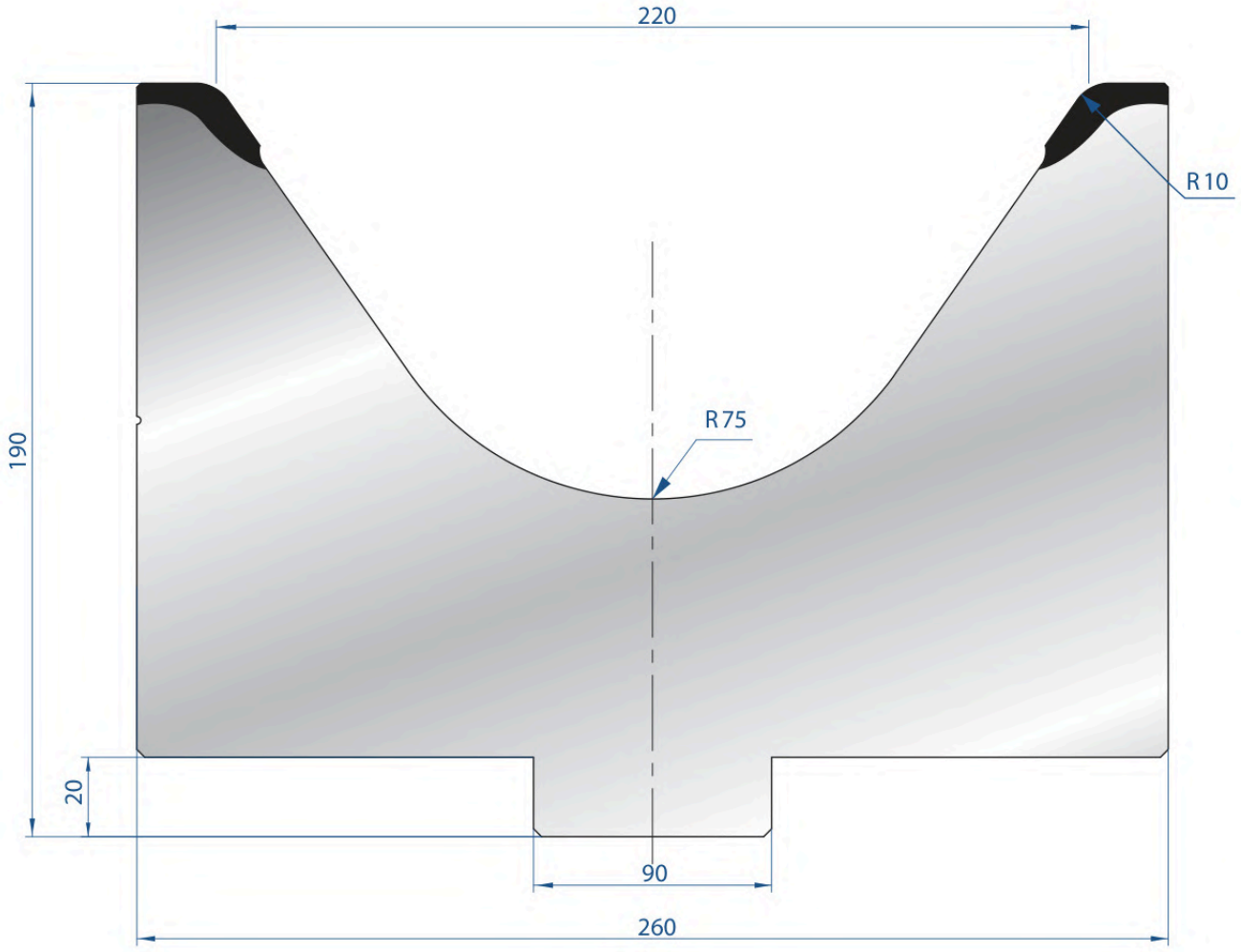
835 mm	91,3 kg
415 mm	51,0 kg
805 mm FRAZ. / SECT.	91,3 kg

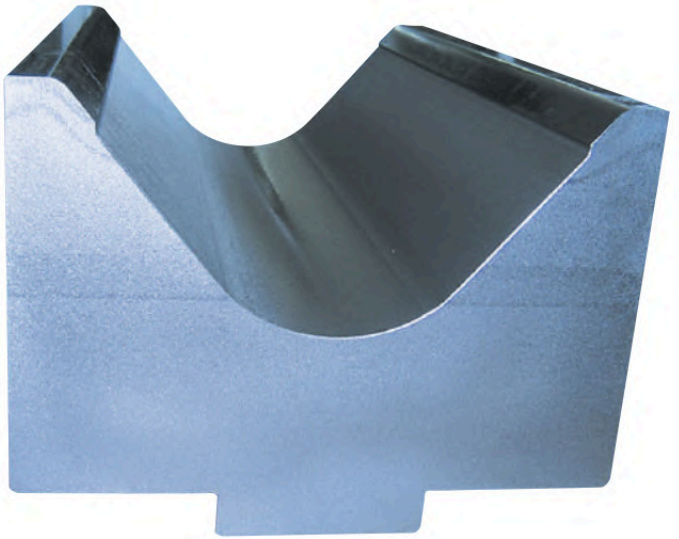


8106

BARRES ÉTIRÉES 15X15
Square bar 15X15

835 mm	2,9 kg



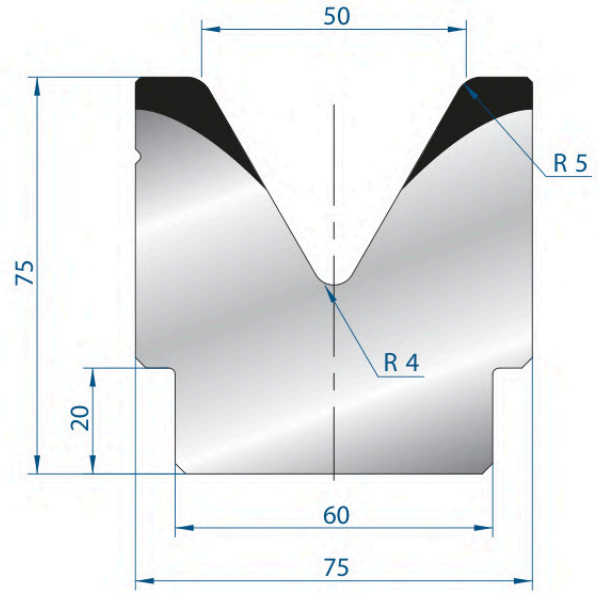


7290

Mat = C45
trempé et revenu / tempered
Max T/m = 200
α = 70°

505 mm	119,0 kg

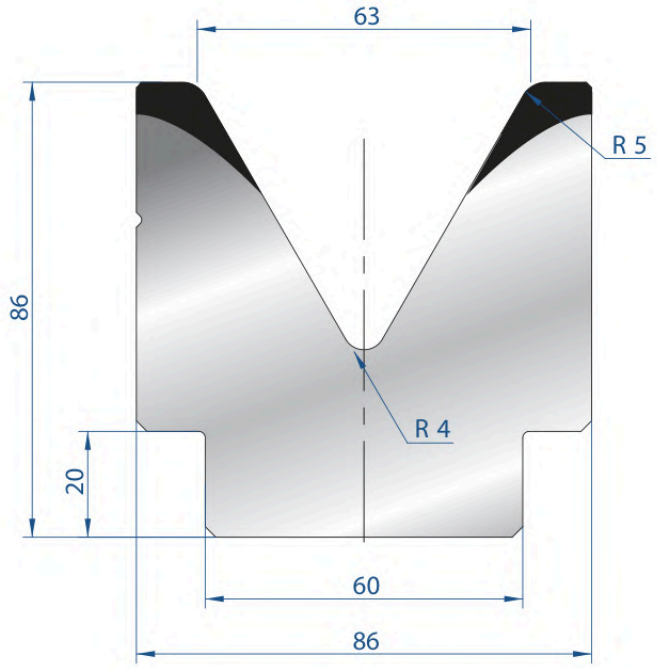
LONGUEUR 505 MM UNIQUEMENT
AVAILABLE ONLY LENGHT 505 MM



2082

Mat = C45
Max T/m = 100
α = 60°

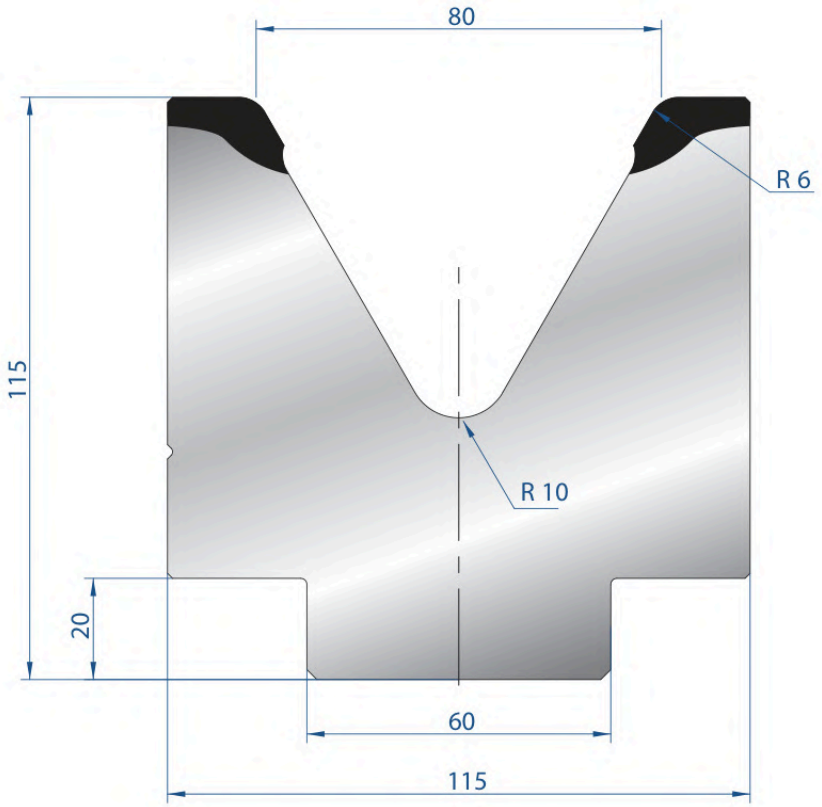
835 mm	28,0 kg
415 mm	14,0 kg
805 mm FRAZ. / SECT.	28,0 kg



2083

Mat = C45
Max T/m = 100
α = 60°

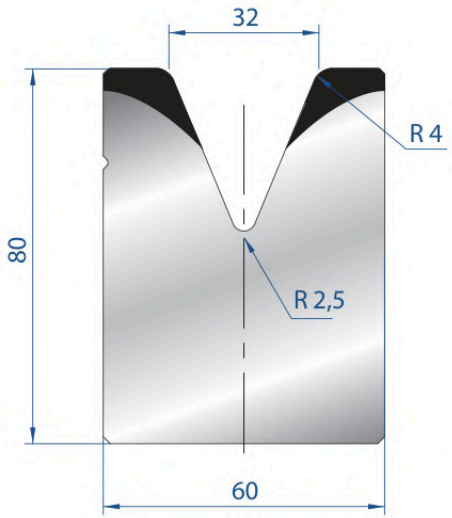
835 mm	34,0 kg
415 mm	17,0 kg
805 mm FRAZ. / SECT.	34,0 kg



2089

Mat = C45
Max T/m = 100
α = 60°

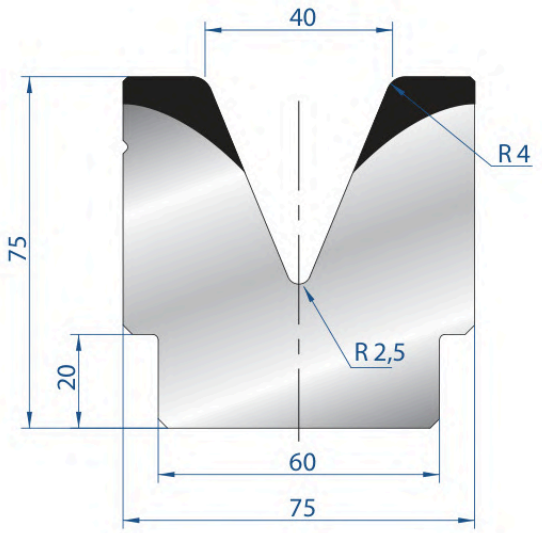
835 mm	60,0 kg
415 mm	30,0 kg
805 mm FRAZ. / SECT.	60,0 kg



2088

Mat = C45
Max T/m = 100
α = 45°

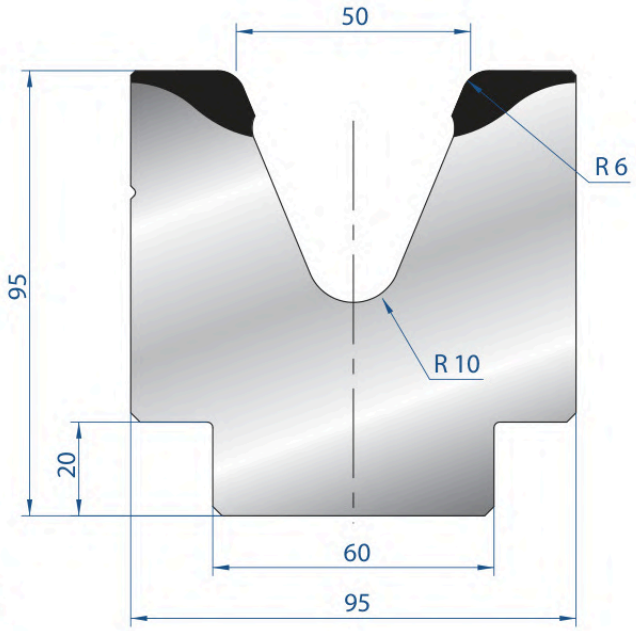
835 mm	28,0 kg
415 mm	14,0 kg
805 mm FRAZ. / SECT.	28,0 kg



2081

Mat = C45
Max T/m = 100
α = 45°

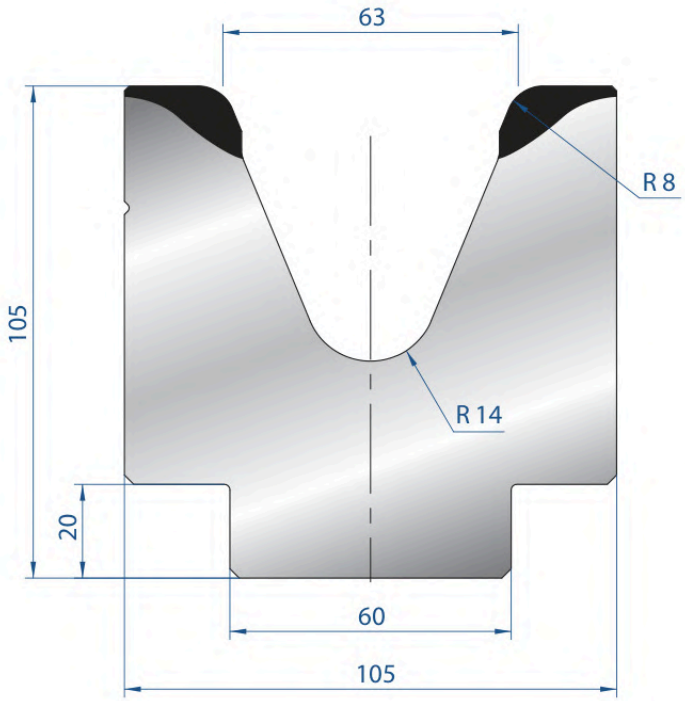
835 mm	33,0 kg
415 mm	16,0 kg
805 mm FRAZ. / SECT.	33,0 kg



2118

Mat = C45
Max T/m = 100
α = 45°

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

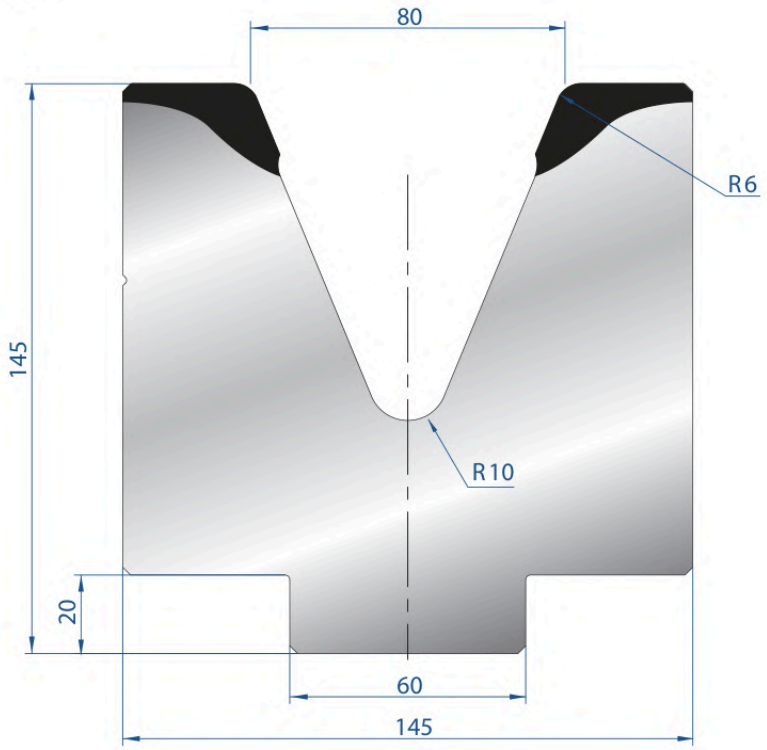


2117

Mat = C45
Max T/m = 100
α = 45°

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

MATRICES 1V - 45° / 1V DIES - 45°

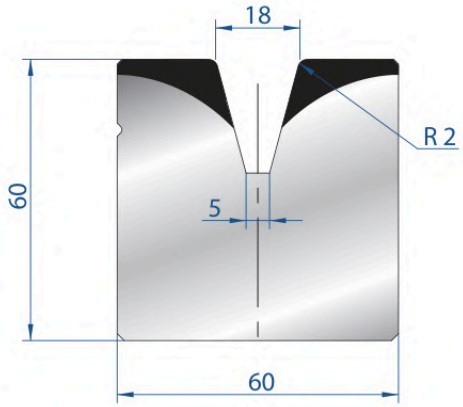


2084

Mat = C45
Max T/m = 100
α = 45°

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

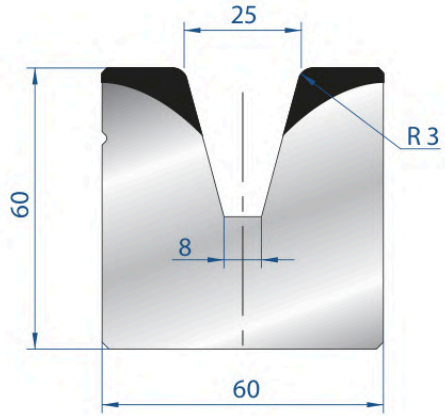
MATRICES 1V - 30° / 1V DIES - 30°



2086

Mat = C45
Max T/m = 100
α = 30°

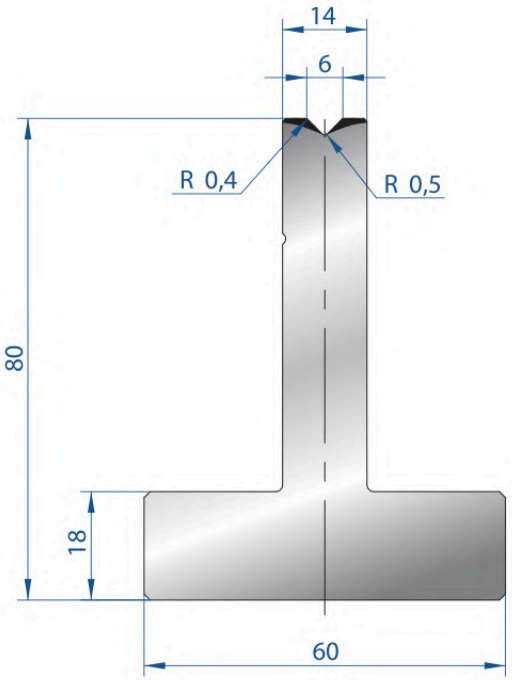
835 mm	22,0 kg
415 mm	11,0 kg
805 mm FRAZ. / SECT.	22,0 kg



2087

Mat = C45
Max T/m = 100
α = 30°

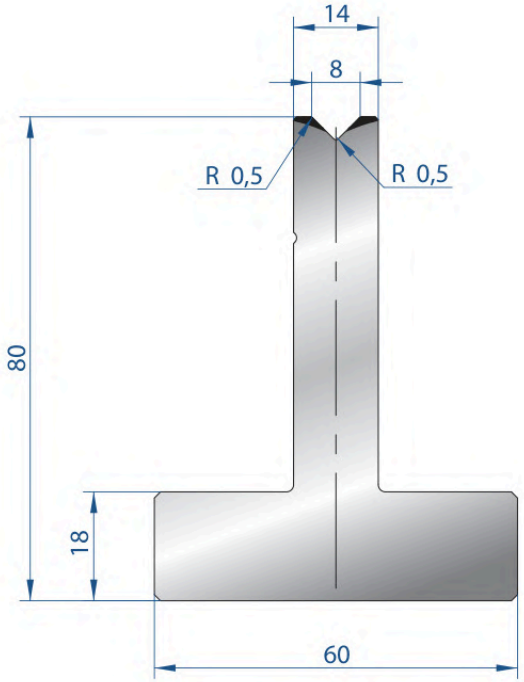
835 mm	22,0 kg
415 mm	11,0 kg
805 mm FRAZ. / SECT.	22,0 kg



3010

Mat = C45
Max T/m = 100
α = 90°

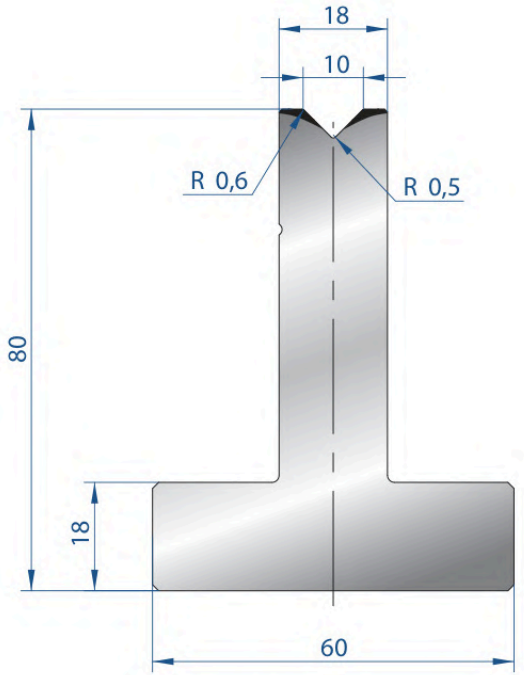
835 mm	13,0 kg
415 mm	6,0 kg
805 mm FRAZ. / SECT.	13,0 kg



3011

Mat = C45
Max T/m = 100
α = 90°

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

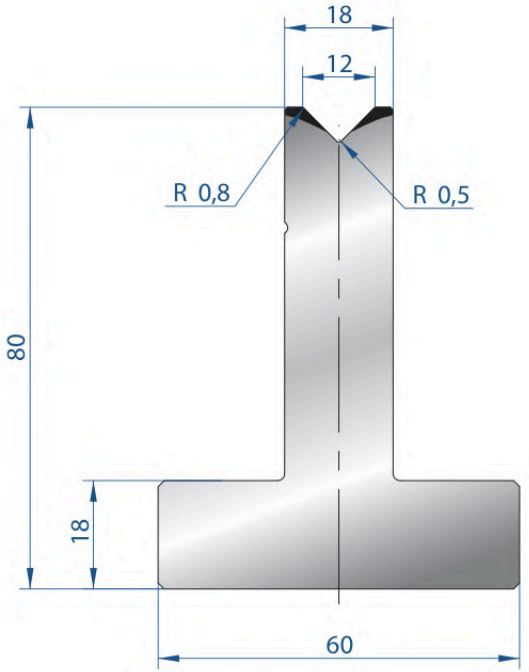


3012

Mat = C45
Max T/m = 100
α = 90°

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

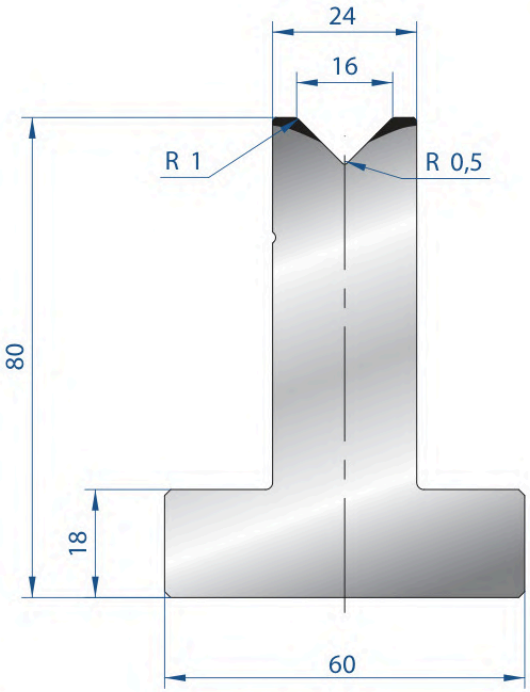




3013

Mat = C45
Max T/m = 100
α = 90°

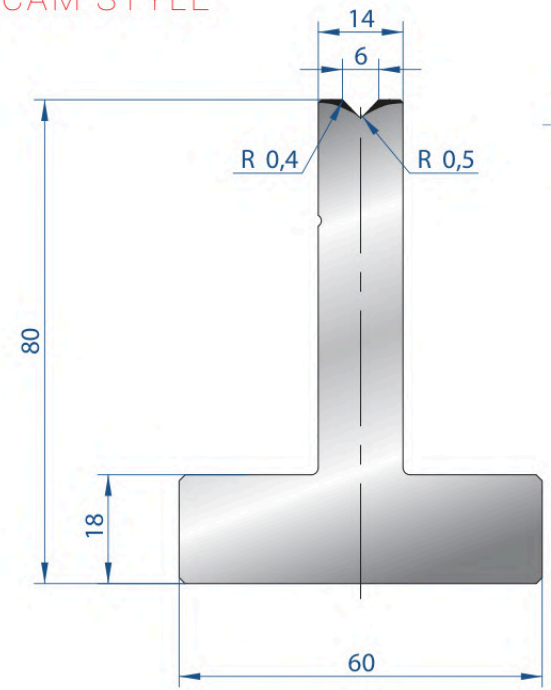
835 mm	15,0 kg
415 mm	7,0 kg
805 mm FRAZ. / SECT.	15,0 kg



3014

Mat = C45
Max T/m = 100
α = 90°

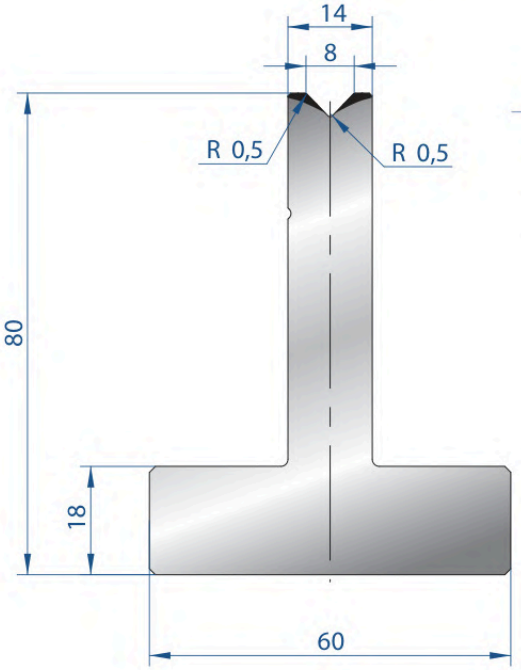
835 mm	18,0 kg
415 mm	9,0 kg
805 mm FRAZ. / SECT.	18,0 kg



3080

Mat = C45
Max T/m = 100
α = 88°

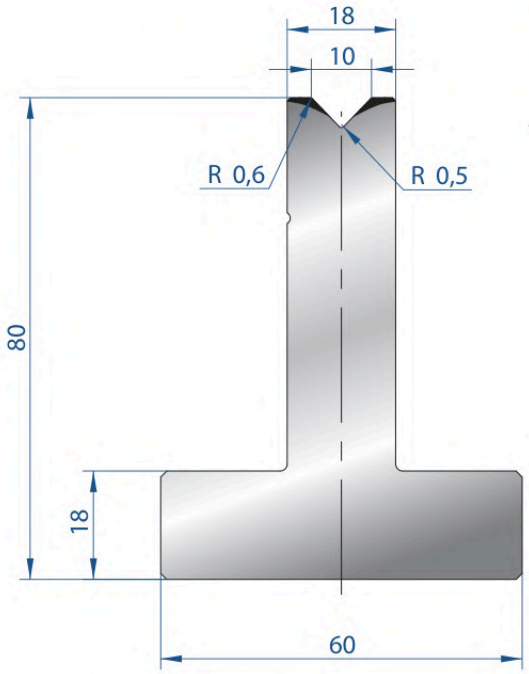
835 mm	13,0 kg
415 mm	6,0 kg
805 mm FRAZ. / SECT.	13,0 kg



3081

Mat = C45
Max T/m = 100
α = 88°

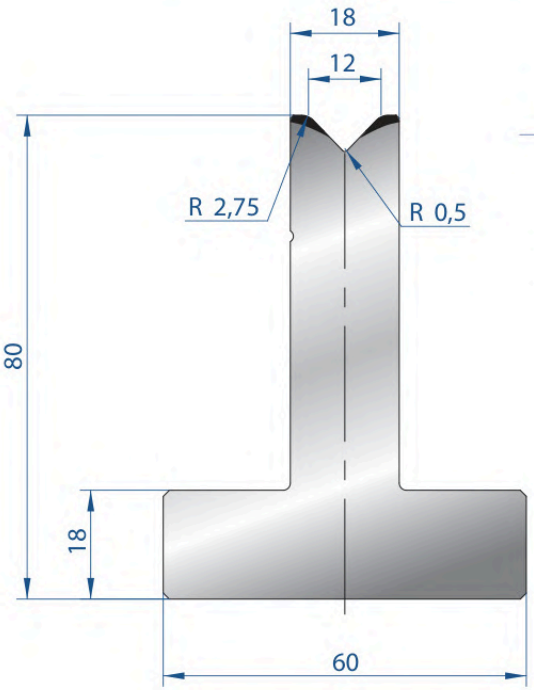
835 mm	13,0 kg
415 mm	6,0 kg
805 mm FRAZ. / SECT.	13,0 kg



3082

Mat = C45
Max T/m = 100
α = 88°

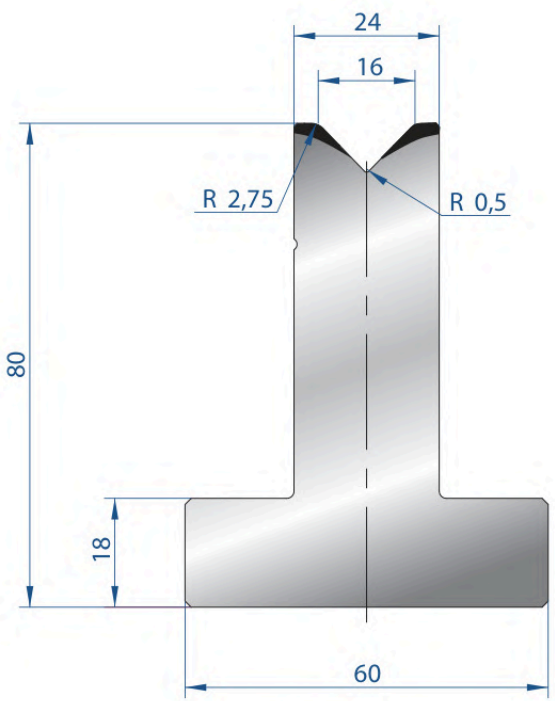
835 mm	15,0 kg
415 mm	7,0 kg
805 mm FRAZ. / SECT.	15,0 kg



3015

Mat = C45
Max T/m = 100
α = 88°

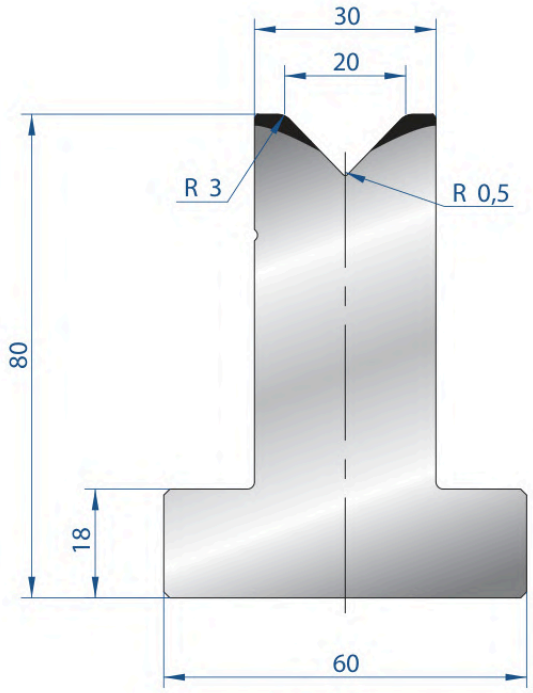
835 mm	15,0 kg
415 mm	7,0 kg
805 mm FRAZ. / SECT.	15,0 kg



3016

Mat = C45
Max T/m = 100
α = 88°

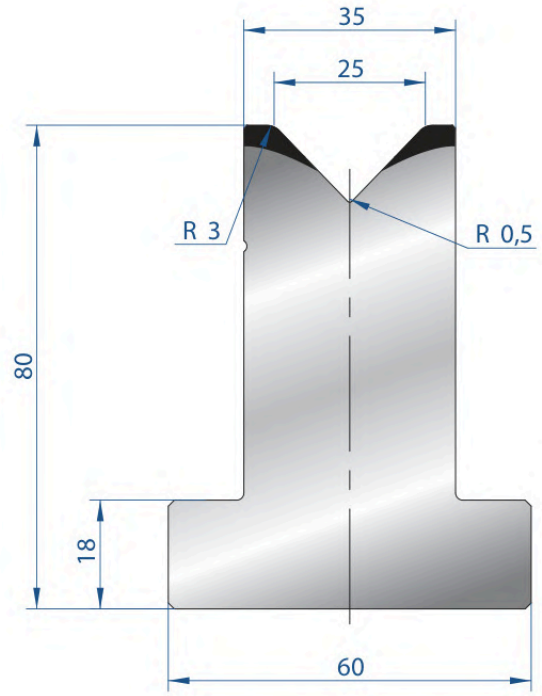
835 mm	18,0 kg
415 mm	9,0 kg
805 mm FRAZ. / SECT.	18,0 kg



3017

Mat = C45
Max T/m = 100
α = 88°

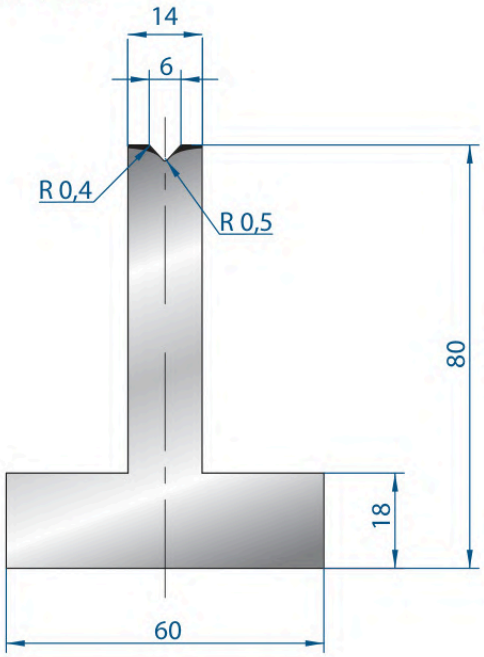
835 mm	19,0 kg
415 mm	9,0 kg
805 mm FRAZ. / SECT.	19,0 kg



3018

Mat = C45
Max T/m = 100
α = 88°

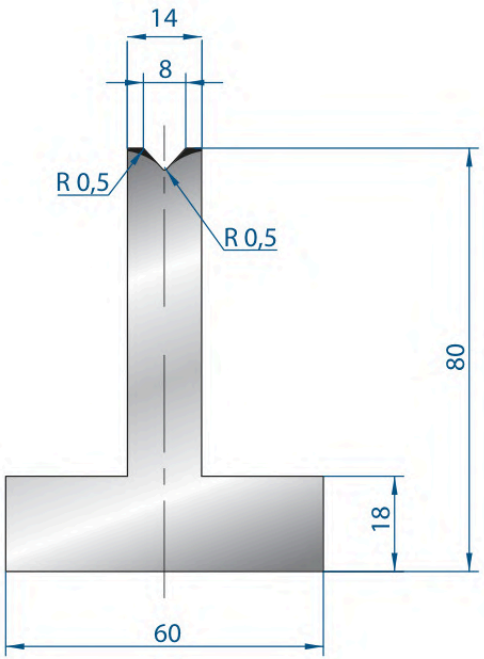
835 mm	20,0 kg
415 mm	10,0 kg
805 mm FRAZ. / SECT.	20,0 kg



3086

Mat = C45
Max T/m = 100
α = 85°

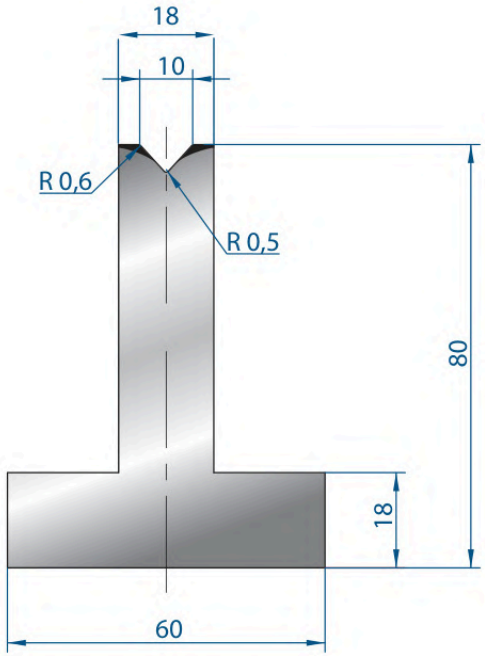
835 mm	13,0 kg
415 mm	6,0 kg
805 mm FRAZ. / SECT.	13,0 kg



3087

Mat = C45
Max T/m = 100
α = 85°

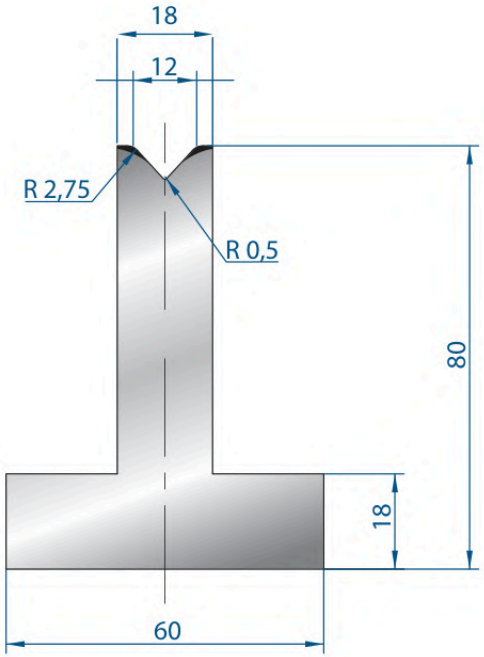
835 mm	13,0 kg
415 mm	6,0 kg
805 mm FRAZ. / SECT.	13,0 kg



3088

Mat = C45
Max T/m = 100
α = 85°

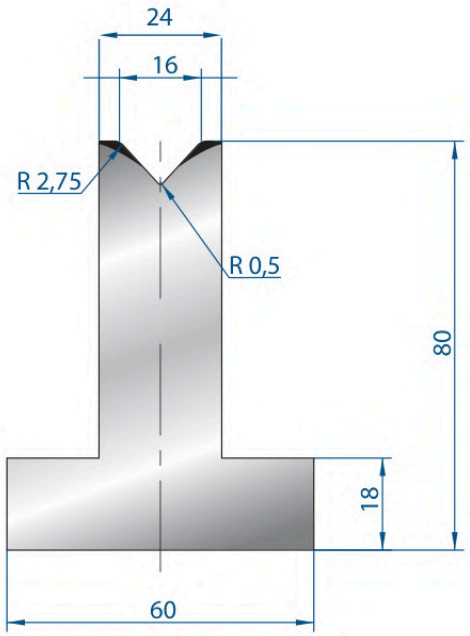
835 mm	13,0 kg
415 mm	6,0 kg
805 mm FRAZ. / SECT.	13,0 kg



3089

Mat = C45
Max T/m = 100
α = 85°

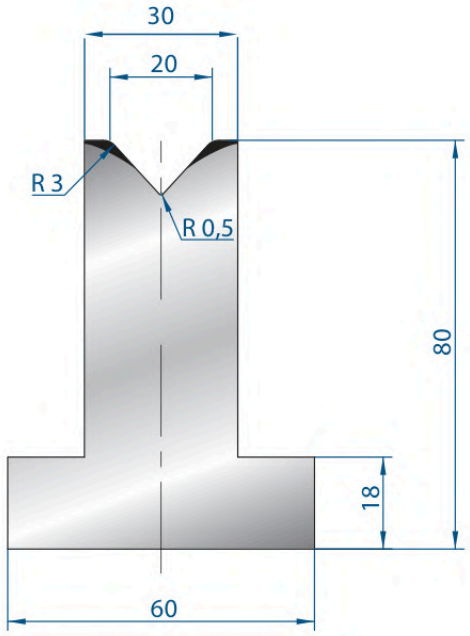
835 mm	13,0 kg
415 mm	6,0 kg
805 mm FRAZ. / SECT.	13,0 kg



3090

Mat = C45
Max T/m = 100
α = 85°

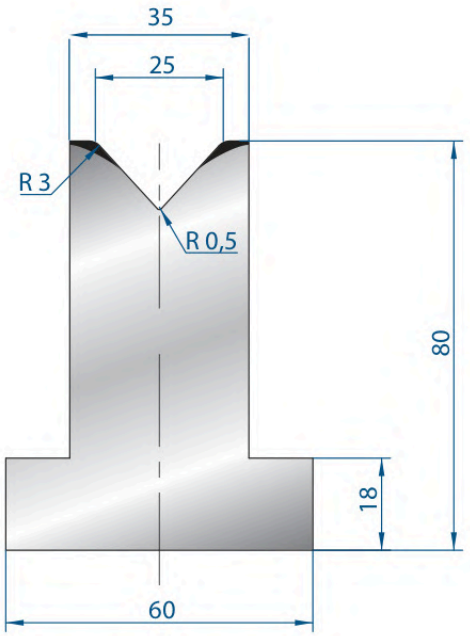
835 mm	13,0 kg
415 mm	6,0 kg
805 mm FRAZ. / SECT.	13,0 kg



3091

Mat = C45
Max T/m = 100
α = 85°

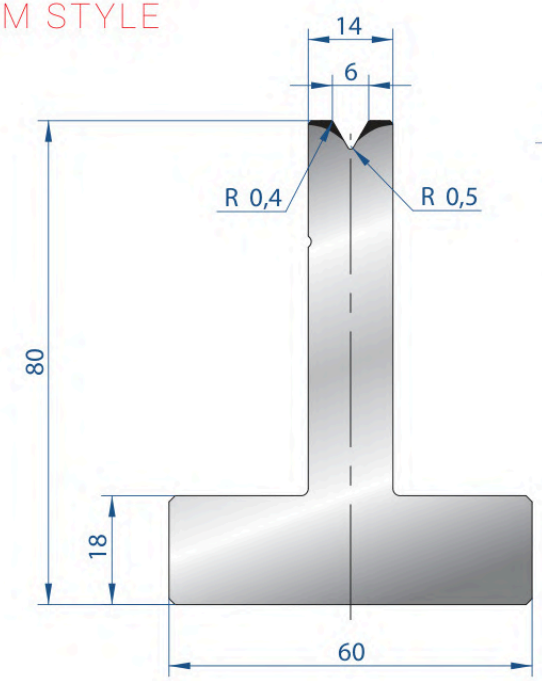
835 mm	13,0 kg
415 mm	6,0 kg
805 mm FRAZ. / SECT.	13,0 kg



3092

Mat = C45
Max T/m = 100
α = 85°

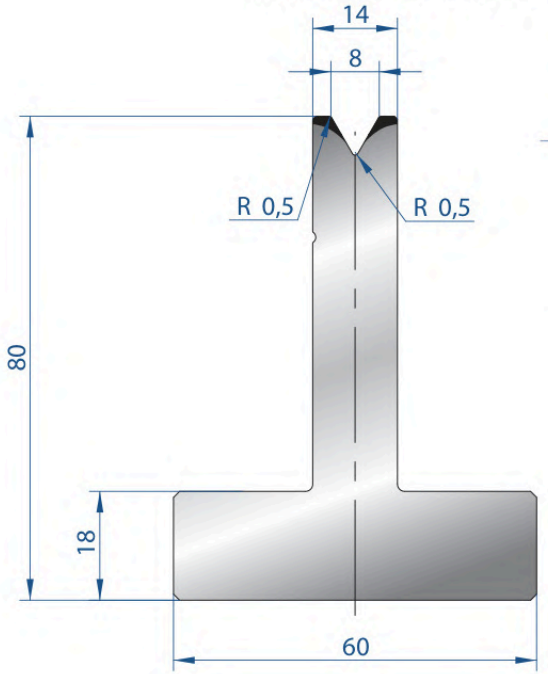
835 mm	13,0 kg
415 mm	6,0 kg
805 mm FRAZ. / SECT.	13,0 kg



3019

Mat = C45
Max T/m = 60
α = 60°

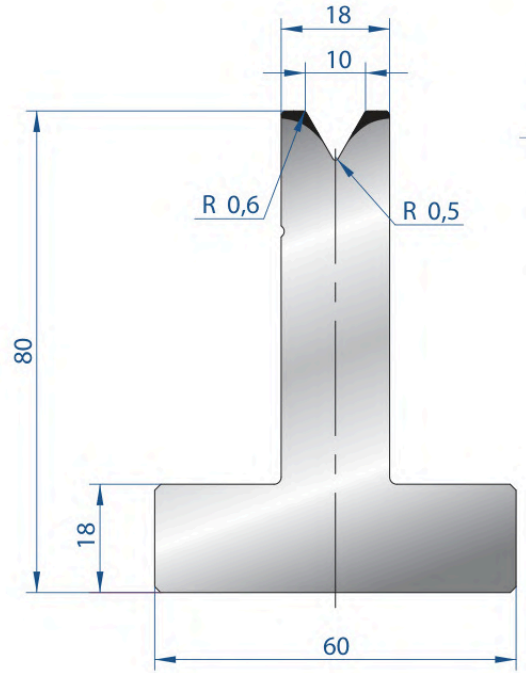
835 mm	13,0 kg
415 mm	6,0 kg
805 mm FRAZ. / SECT.	13,0 kg



3020

Mat = C45
Max T/m = 60
α = 60°

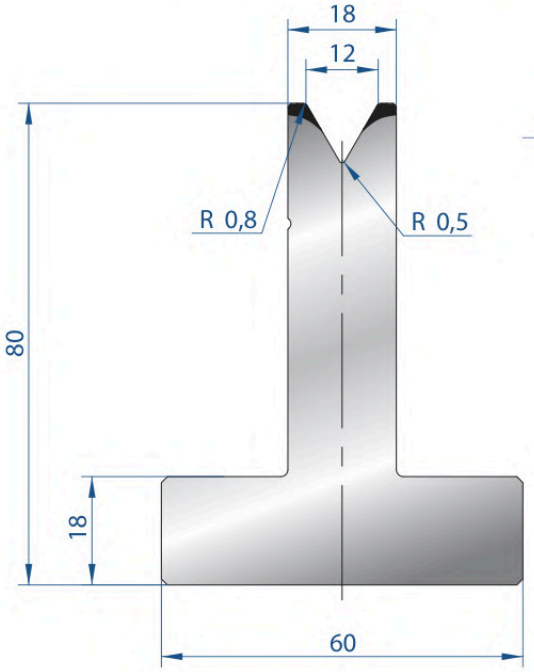
835 mm	13,0 kg
415 mm	6,0 kg
805 mm FRAZ. / SECT.	13,0 kg



3021

Mat = C45
Max T/m = 60
α = 60°

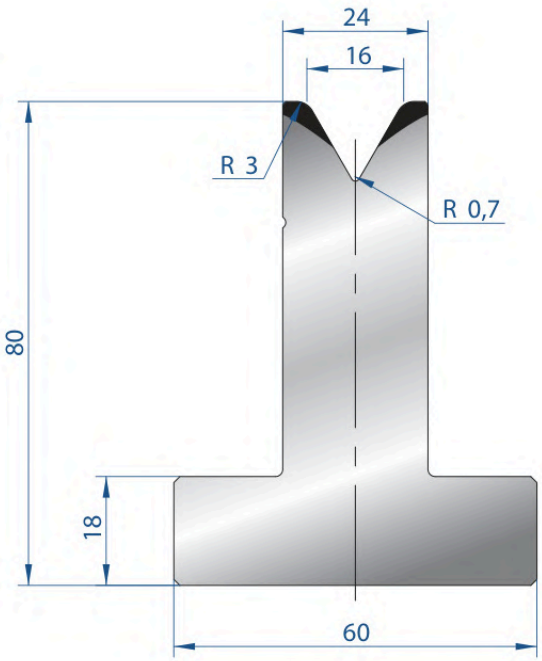
835 mm	13,0 kg
415 mm	6,0 kg
805 mm FRAZ. / SECT.	13,0 kg



3022

Mat = C45
Max T/m = 60
α = 60°

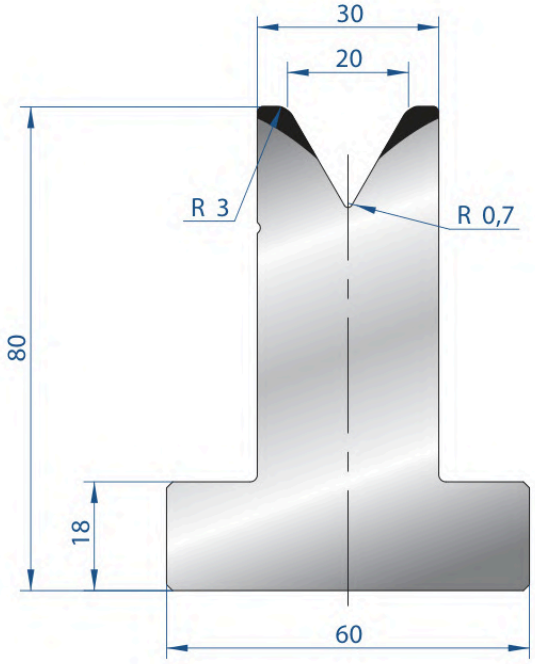
835 mm	13,0 kg
415 mm	6,0 kg
805 mm FRAZ. / SECT.	13,0 kg



3023

Mat = C45
Max T/m = 75
α = 60°

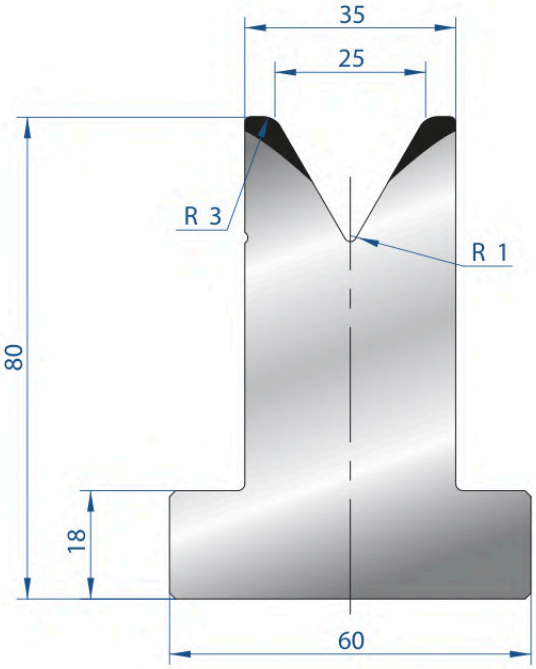
835 mm	18,0 kg
415 mm	9,0 kg
805 mm FRAZ. / SECT.	18,0 kg



3024

Mat = C45
Max T/m = 70
α = 60°

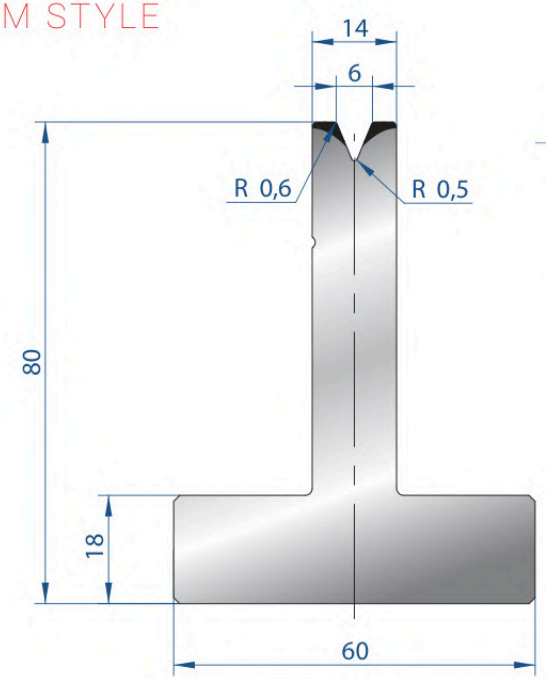
835 mm	19,0 kg
415 mm	9,0 kg
805 mm FRAZ. / SECT.	19,0 kg



3025

Mat = C45
Max T/m = 65
α = 60°

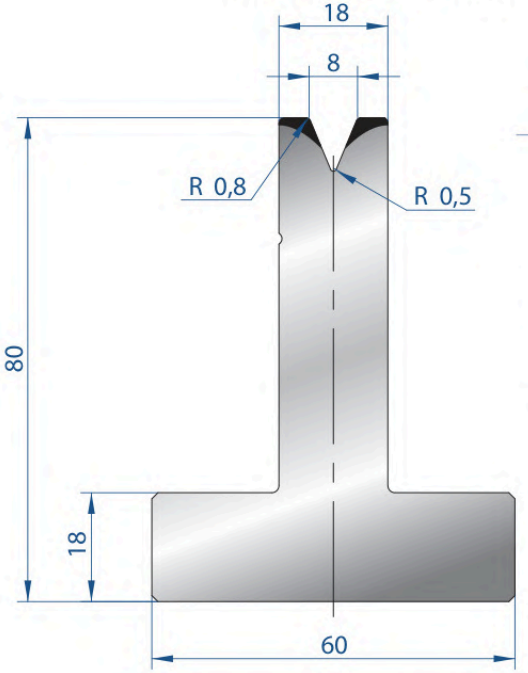
835 mm	20,0 kg
415 mm	10,0 kg
805 mm FRAZ. / SECT.	20,0 kg



3026

Mat = C45
Max T/m = 50
α = 45°

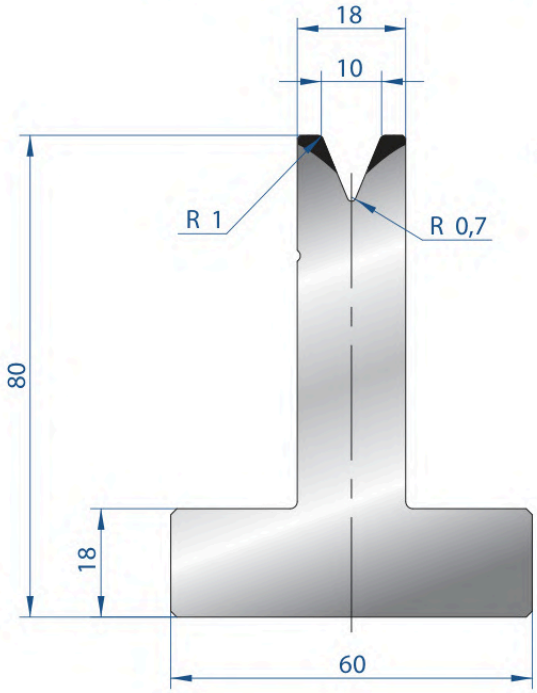
835 mm	13,0 kg
415 mm	6,0 kg
805 mm FRAZ. / SECT.	13,0 kg



3027

Mat = C45
Max T/m = 50
α = 45°

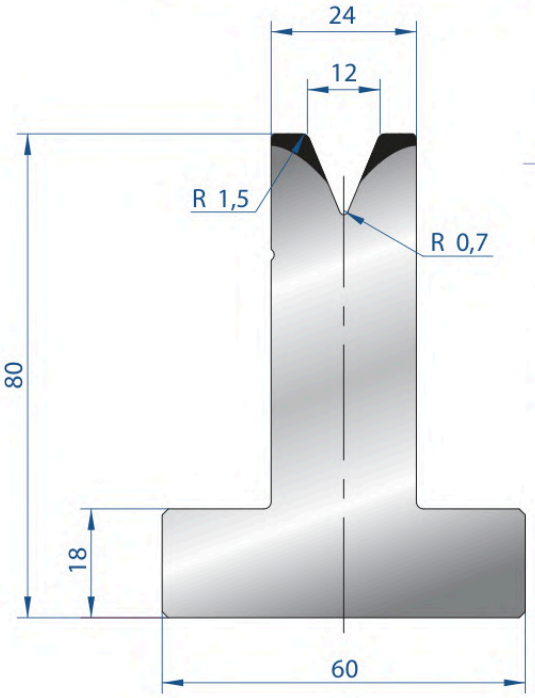
835 mm	15,0 kg
415 mm	7,0 kg
805 mm FRAZ. / SECT.	15,0 kg



3028

Mat = C45
Max T/m = 50
α = 45°

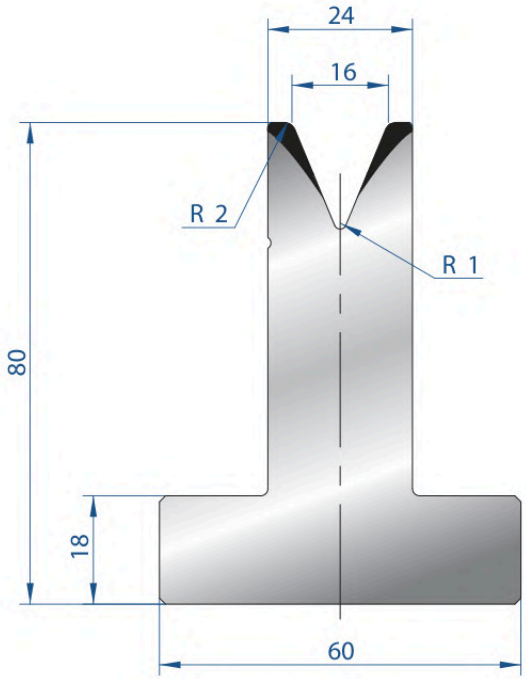
835 mm	15,0 kg
415 mm	7,0 kg
805 mm FRAZ. / SECT.	15,0 kg



3029

Mat = C45
Max T/m = 50
α = 45°

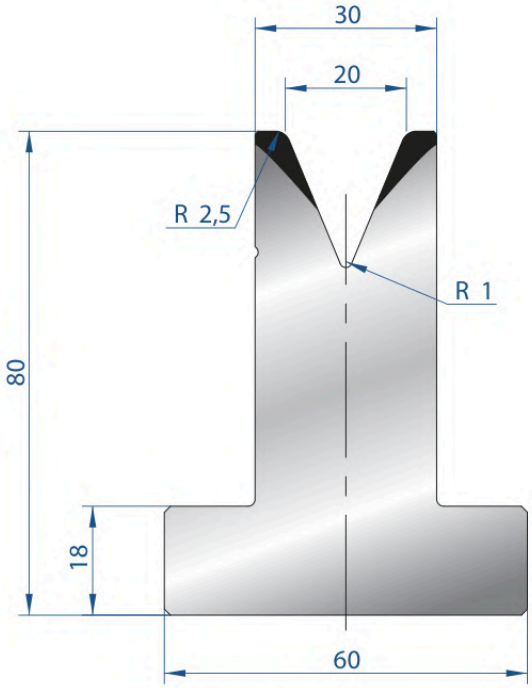
835 mm	18,0 kg
415 mm	9,0 kg
805 mm FRAZ. / SECT.	18,0 kg



3030

Mat = C45
Max T/m = 50
α = 45°

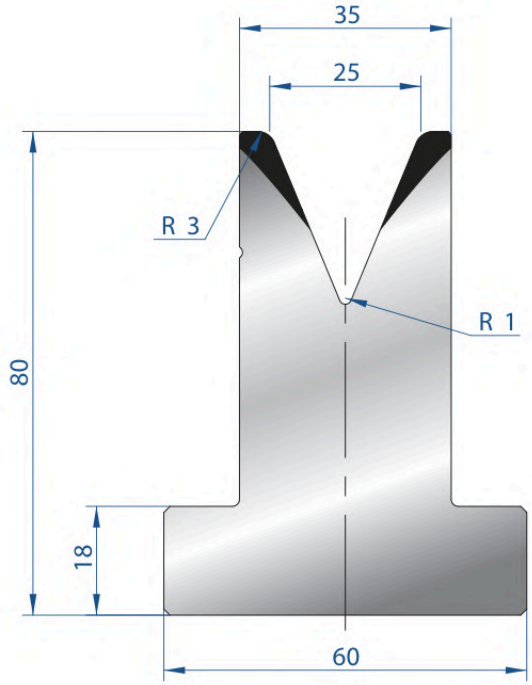
835 mm	18,0 kg
415 mm	9,0 kg
805 mm FRAZ. / SECT.	18,0 kg



3031

Mat = C45
Max T/m = 50
α = 45°

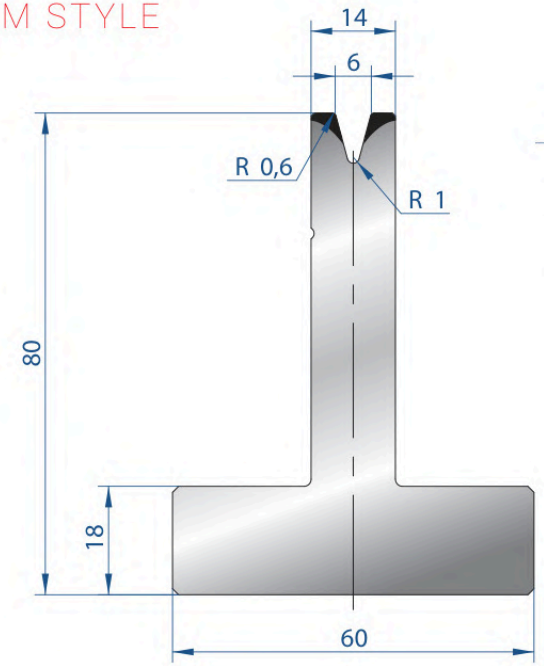
835 mm	18,0 kg
415 mm	9,0 kg
805 mm FRAZ. / SECT.	18,0 kg



3032

Mat = C45
Max T/m = 50
α = 45°

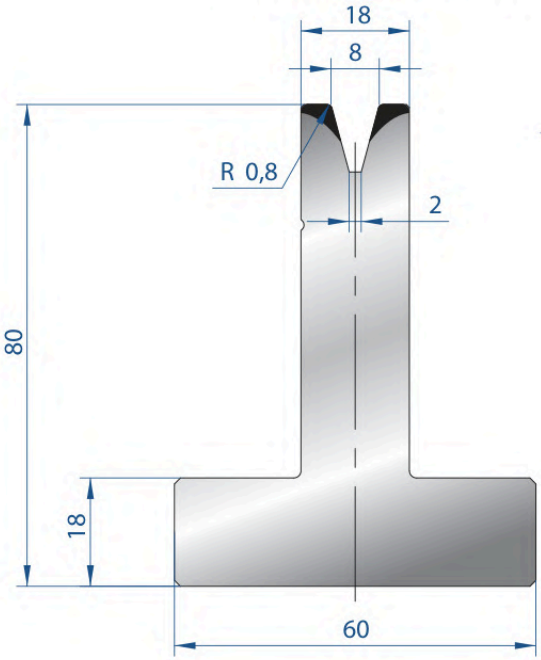
835 mm	20,0 kg
415 mm	10,0 kg
805 mm FRAZ. / SECT.	20,0 kg



3042

Mat = C45
Max T/m = 35
α = 30°

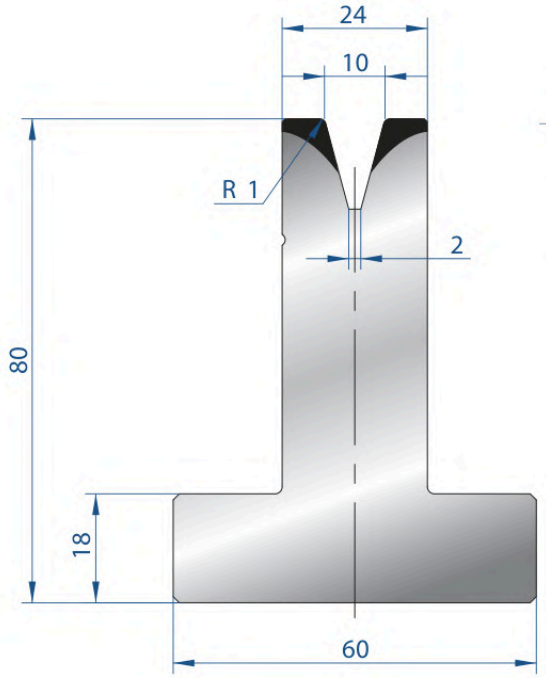
835 mm	13,0 kg
415 mm	6,0 kg
805 mm FRAZ. / SECT.	13,0 kg



3043

Mat = C45
Max T/m = 40
α = 30°

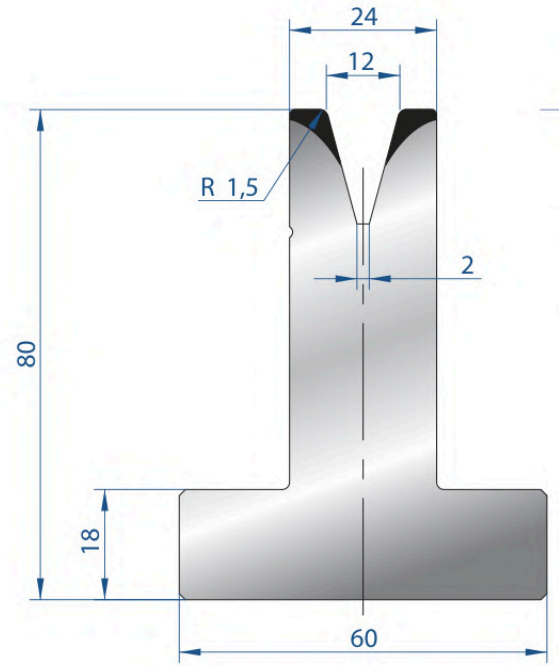
835 mm	14,0 kg
415 mm	7,0 kg
805 mm FRAZ. / SECT.	14,0 kg



3044

Mat = C45
Max T/m = 50
α = 30°

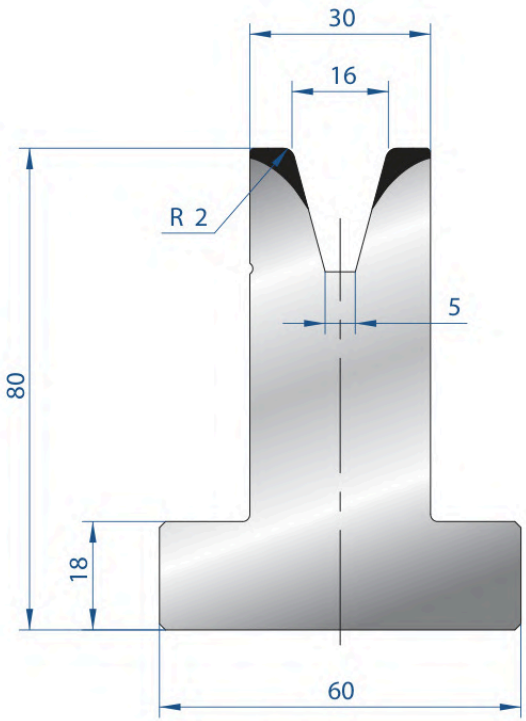
835 mm	17,0 kg
415 mm	8,0 kg
805 mm FRAZ. / SECT.	17,0 kg



3045

Mat = C45
Max T/m = 50
α = 30°

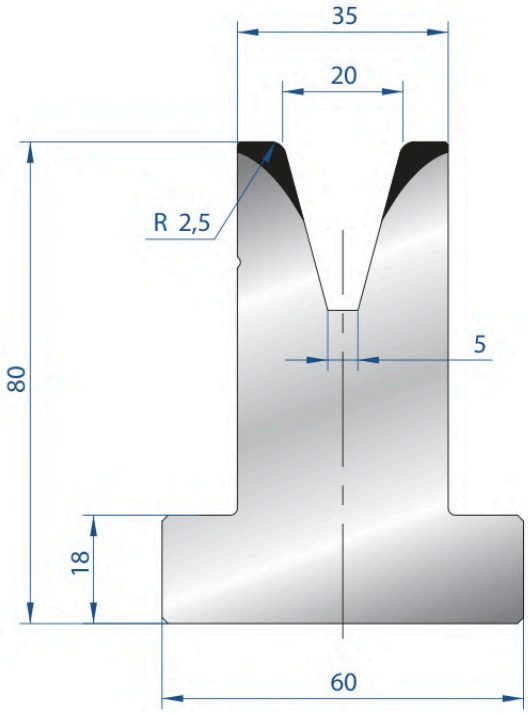
835 mm	17,0 kg
415 mm	8,0 kg
805 mm FRAZ. / SECT.	17,0 kg



3046

Mat = C45
Max T/m = 50
α = 30°

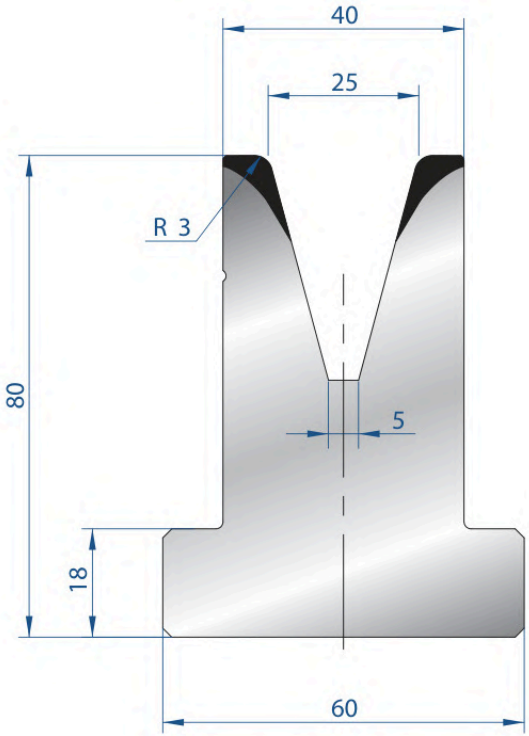
835 mm	18,0 kg
415 mm	9,0 kg
805 mm FRAZ. / SECT.	18,0 kg



3047

Mat = C45
Max T/m = 55
α = 30°

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

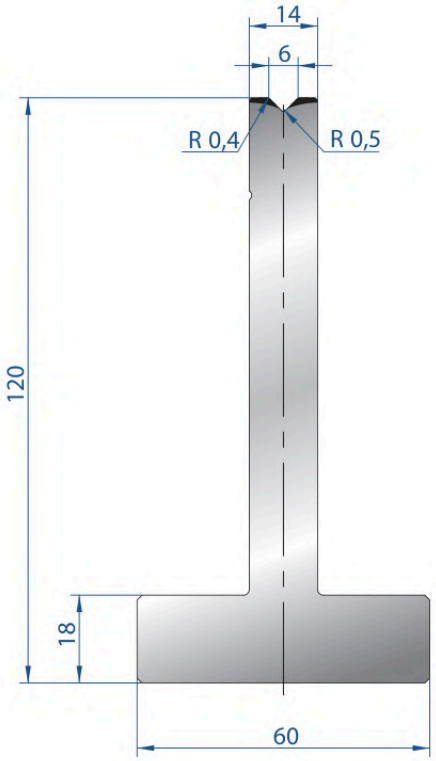


3048

Mat = C45
Max T/m = 55
α = 30°

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

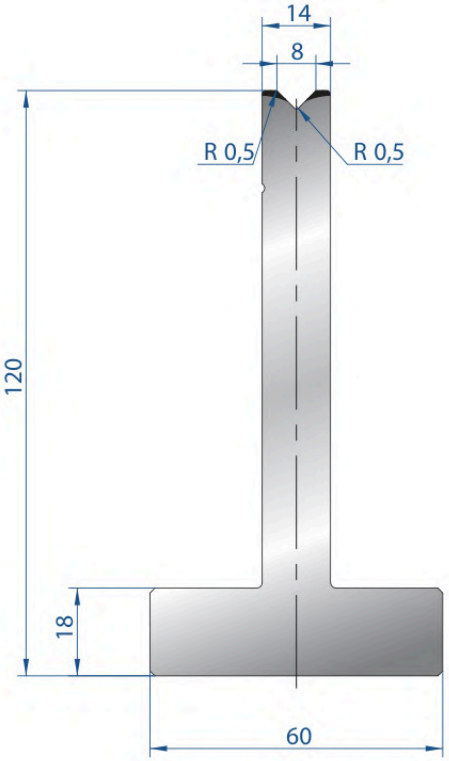
MATRICES T H120 - 90° / T DIES H120 - 90°



3050

Mat = C45
Max T/m = 100
α = 90°

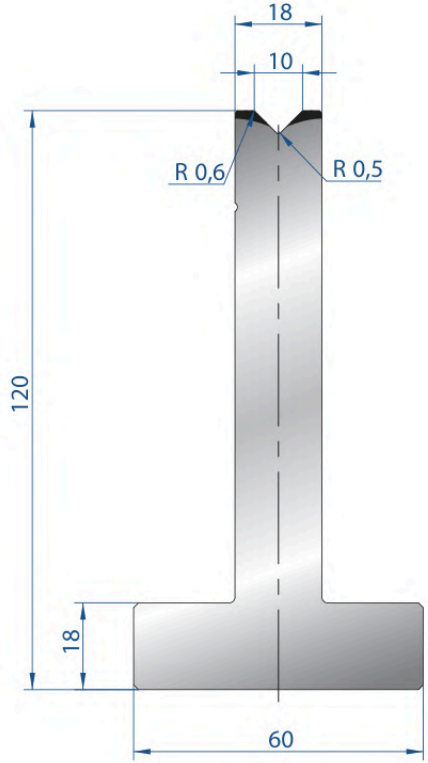
835 mm	17,0 kg
415 mm	8,0 kg
805 mm FRAZ. / SECT.	17,0 kg



3051

Mat = C45
Max T/m = 100
α = 90°

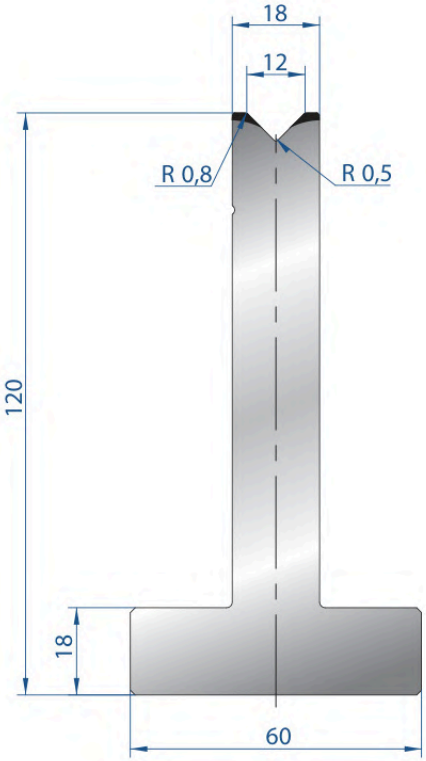
835 mm	17,0 kg
415 mm	8,0 kg
805 mm FRAZ. / SECT.	17,0 kg



3052

Mat = C45
Max T/m = 100
α = 90°

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

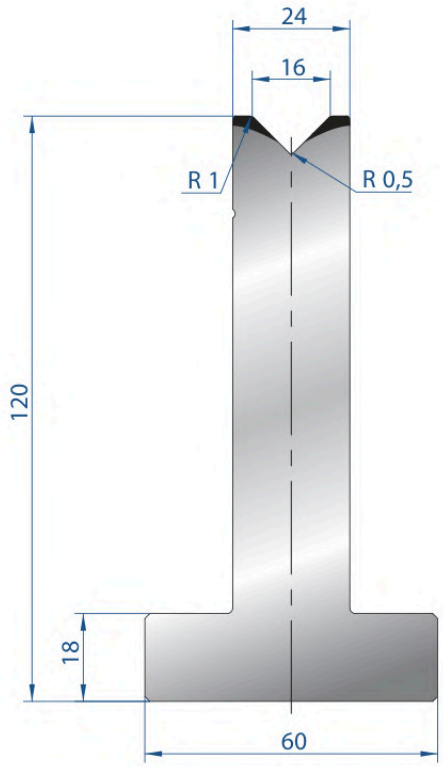


3053

Mat = C45
Max T/m = 100
α = 90°

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

MATRICES T H120 - 90° / T DIES H120 - 90°



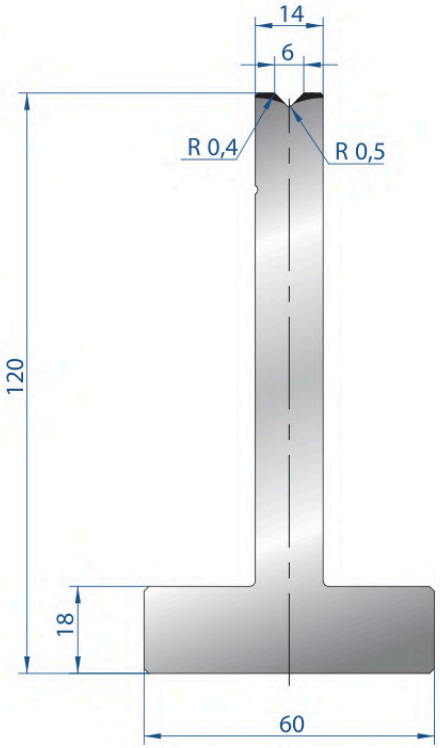
3054

Mat = C45
Max T/m = 100
α = 90°

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



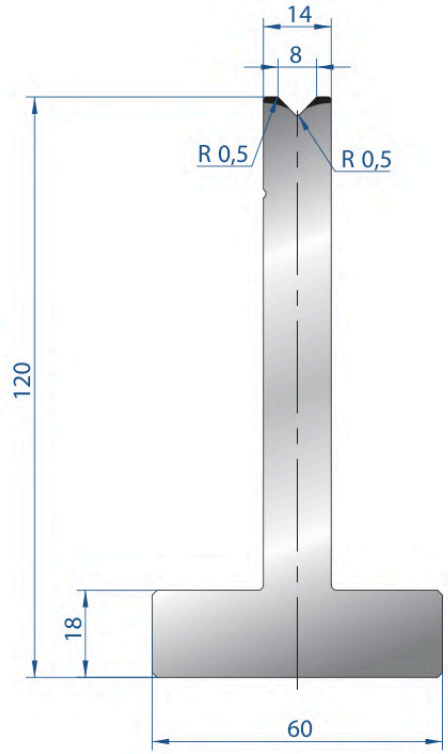
MATRICES T H120 - 88° / T DIES H120 - 88°



3083

Mat = C45
Max T/m = 100
α = 88°

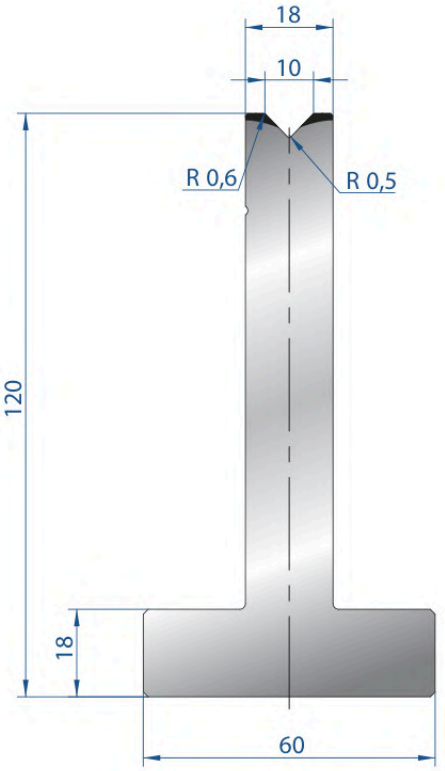
835 mm	17,0 kg
415 mm	8,0 kg
805 mm FRAZ. / SECT.	17,0 kg



3084

Mat = C45
Max T/m = 100
α = 88°

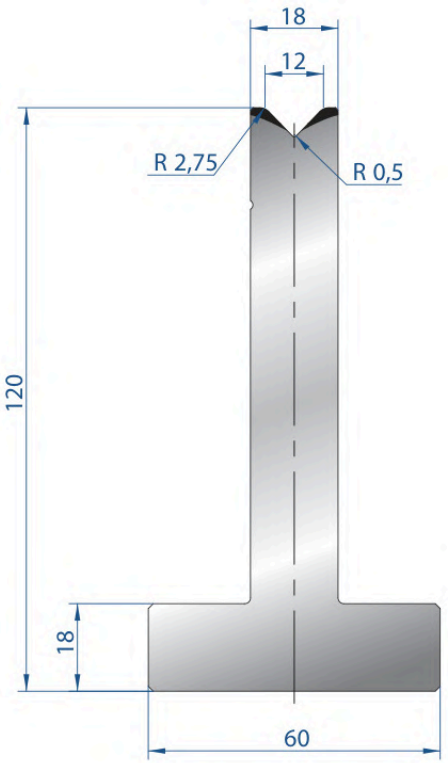
835 mm	17,0 kg
415 mm	8,0 kg
805 mm FRAZ. / SECT.	17,0 kg



3085

Mat = C45
Max T/m = 100
α = 88°

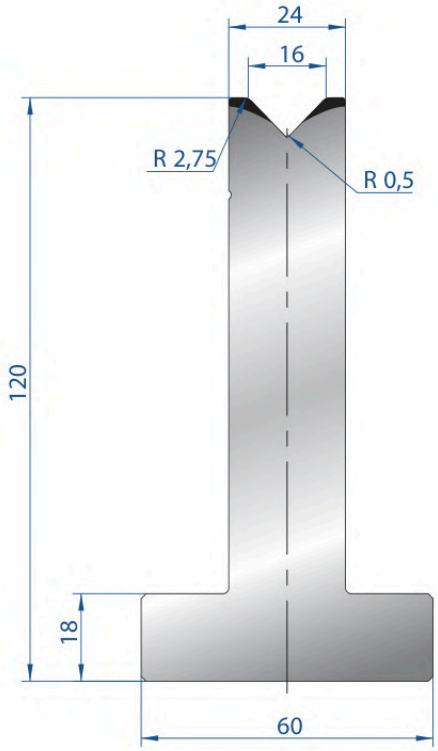
835 mm	18,0 kg
415 mm	9,0 kg
805 mm FRAZ. / SECT.	18,0 kg



3055

Mat = C45
Max T/m = 100
α = 88°

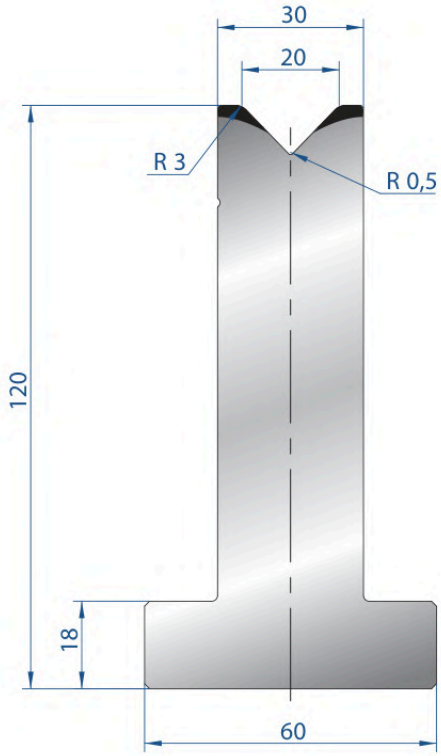
835 mm	18,0 kg
415 mm	9,0 kg
805 mm FRAZ. / SECT.	18,0 kg



3056

Mat = C45
Max T/m = 100
α = 88°

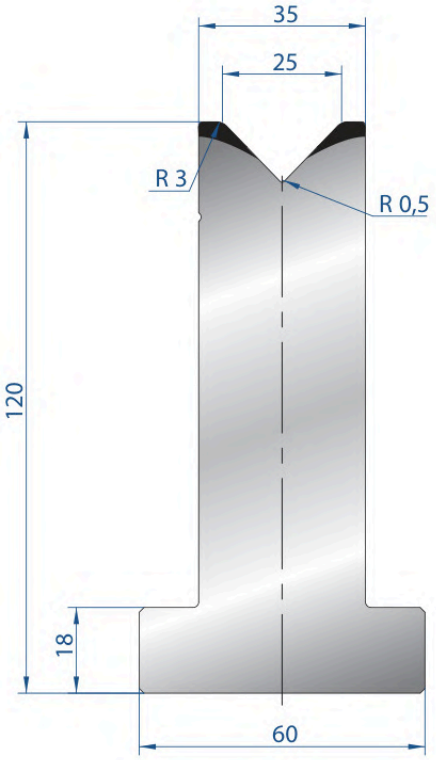
835 mm	22,0 kg
415 mm	11,0 kg
805 mm FRAZ. / SECT.	22,0 kg



3057

Mat = C45
Max T/m = 100
α = 88°

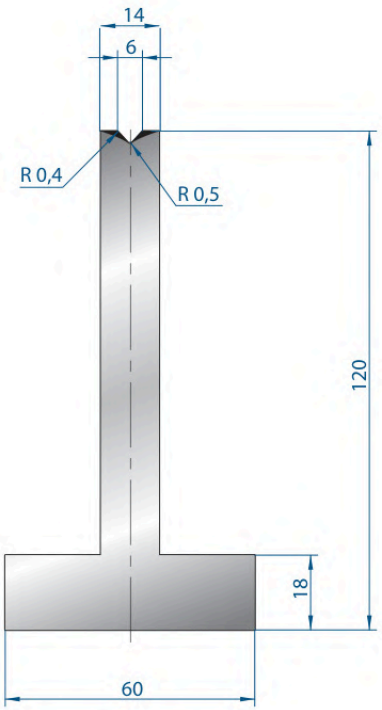
835 mm	27,0 kg
415 mm	13,0 kg
805 mm FRAZ. / SECT.	27,0 kg



3058

Mat = C45
Max T/m = 100
α = 88°

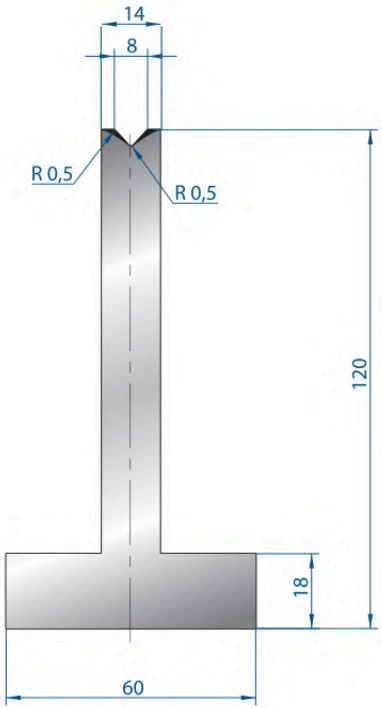
835 mm	30,0 kg
415 mm	15,0 kg
805 mm FRAZ. / SECT.	30,0 kg



3093

Mat = C45
Max T/m = 100
α = 85°

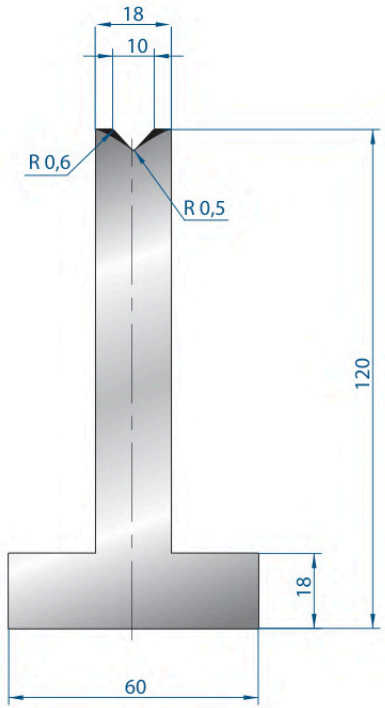
835 mm	17,0 kg
415 mm	8,0 kg
805 mm FRAZ. / SECT.	17,0 kg



3094

Mat = C45
Max T/m = 100
α = 85°

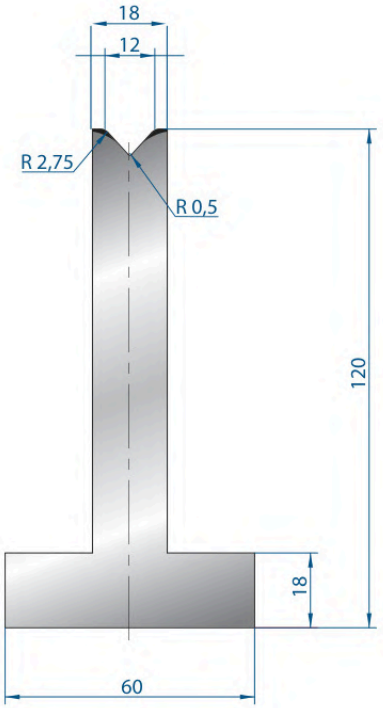
835 mm	17,0 kg
415 mm	8,0 kg
805 mm FRAZ. / SECT.	17,0 kg



3095

Mat = C45
Max T/m = 100
α = 85°

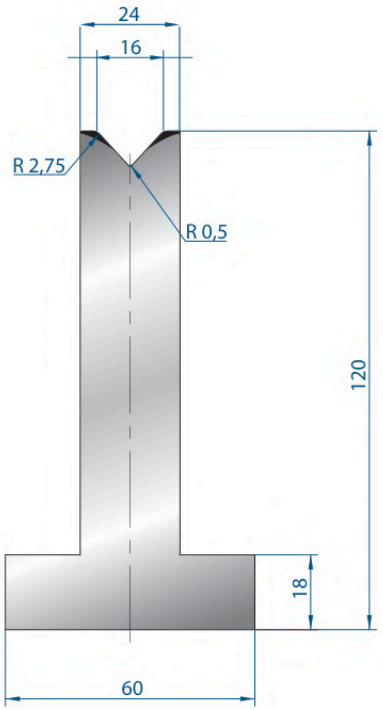
835 mm	18,0 kg
415 mm	9,0 kg
805 mm FRAZ. / SECT.	18,0 kg



3096

Mat = C45
Max T/m = 100
α = 85°

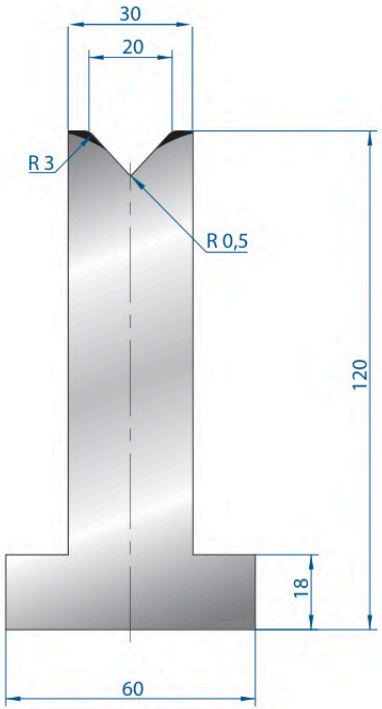
835 mm	18,0 kg
415 mm	9,0 kg
805 mm FRAZ. / SECT.	18,0 kg



3097

Mat = C45
Max T/m = 100
α = 85°

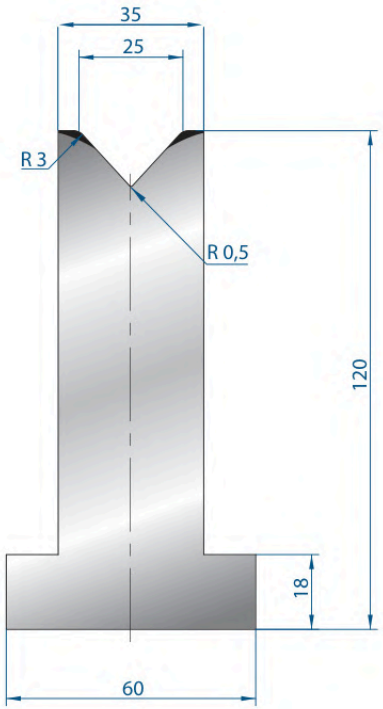
835 mm	22,0 kg
415 mm	11,0 kg
805 mm FRAZ. / SECT.	22,0 kg



3098

Mat = C45
Max T/m = 100
α = 85°

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

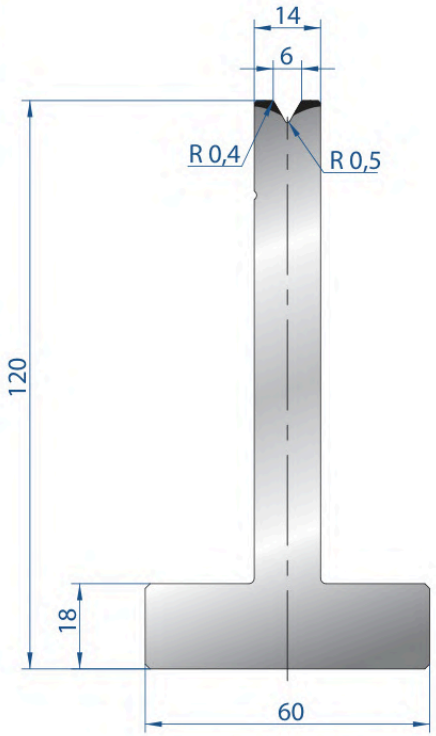


3099

Mat = C45
Max T/m = 100
α = 85°

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

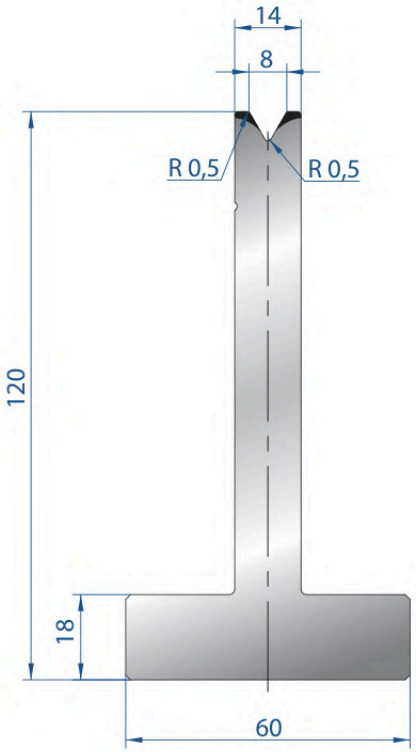
MATRICES T H120 - 60° / T DIES H120 - 60°



3059

Mat = C45
Max T/m = 60
α = 60°

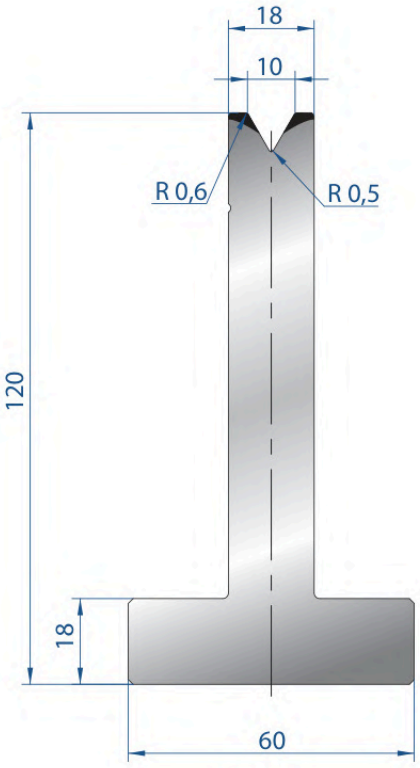
835 mm	17,0 kg
415 mm	8,0 kg
805 mm FRAZ. / SECT.	17,0 kg



3060

Mat = C45
Max T/m = 60
α = 60°

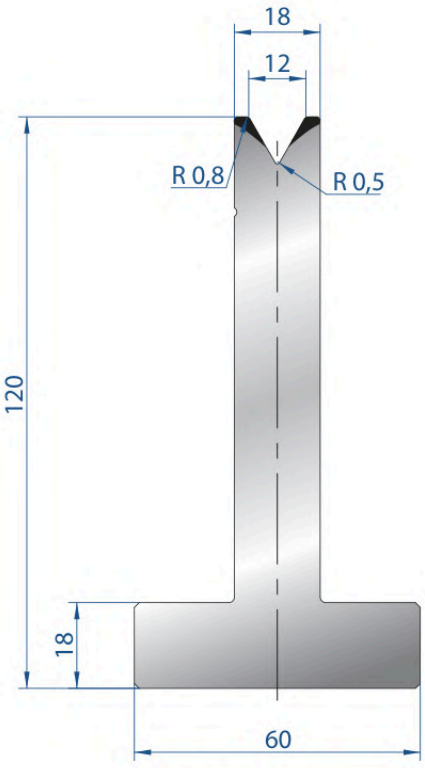
835 mm	17,0 kg
415 mm	8,0 kg
805 mm FRAZ. / SECT.	17,0 kg



3061

Mat = C45
Max T/m = 60
α = 60°

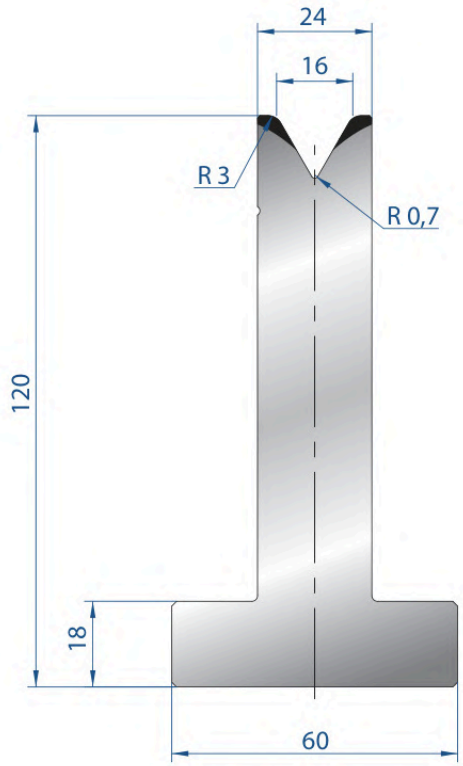
835 mm	18,0 kg
415 mm	9,0 kg
805 mm FRAZ. / SECT.	18,0 kg



3062

Mat = C45
Max T/m = 75
α = 60°

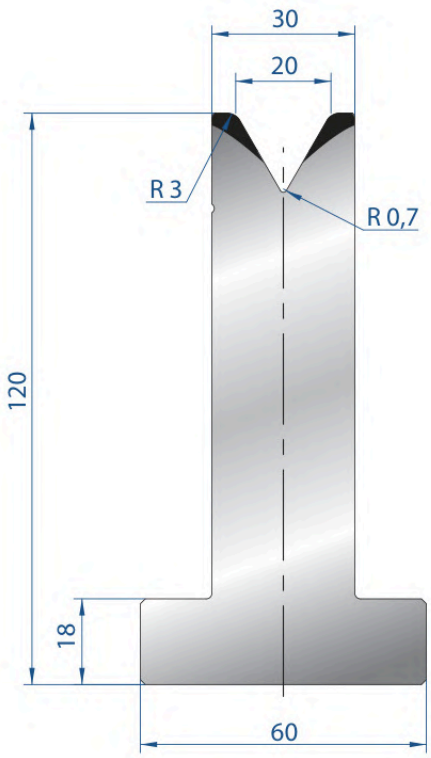
835 mm	18,0 kg
415 mm	9,0 kg
805 mm FRAZ. / SECT.	18,0 kg



3063

Mat = C45
Max T/m = 70
α = 60°

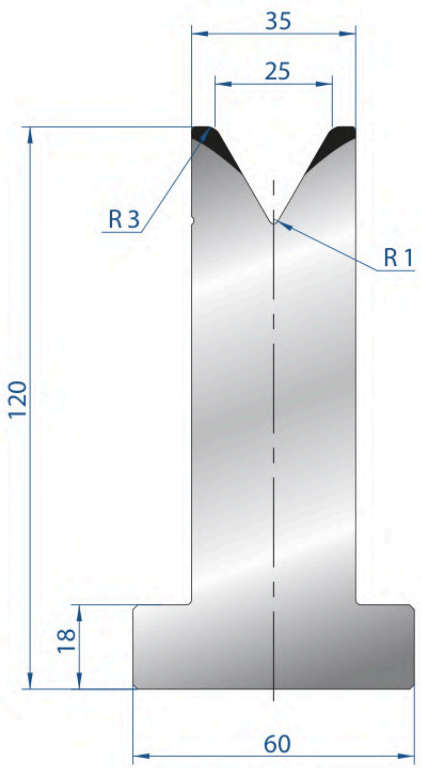
835 mm	22,0 kg
415 mm	11,0 kg
805 mm FRAZ. / SECT.	22,0 kg



3064

Mat = C45
Max T/m = 65
α = 60°

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

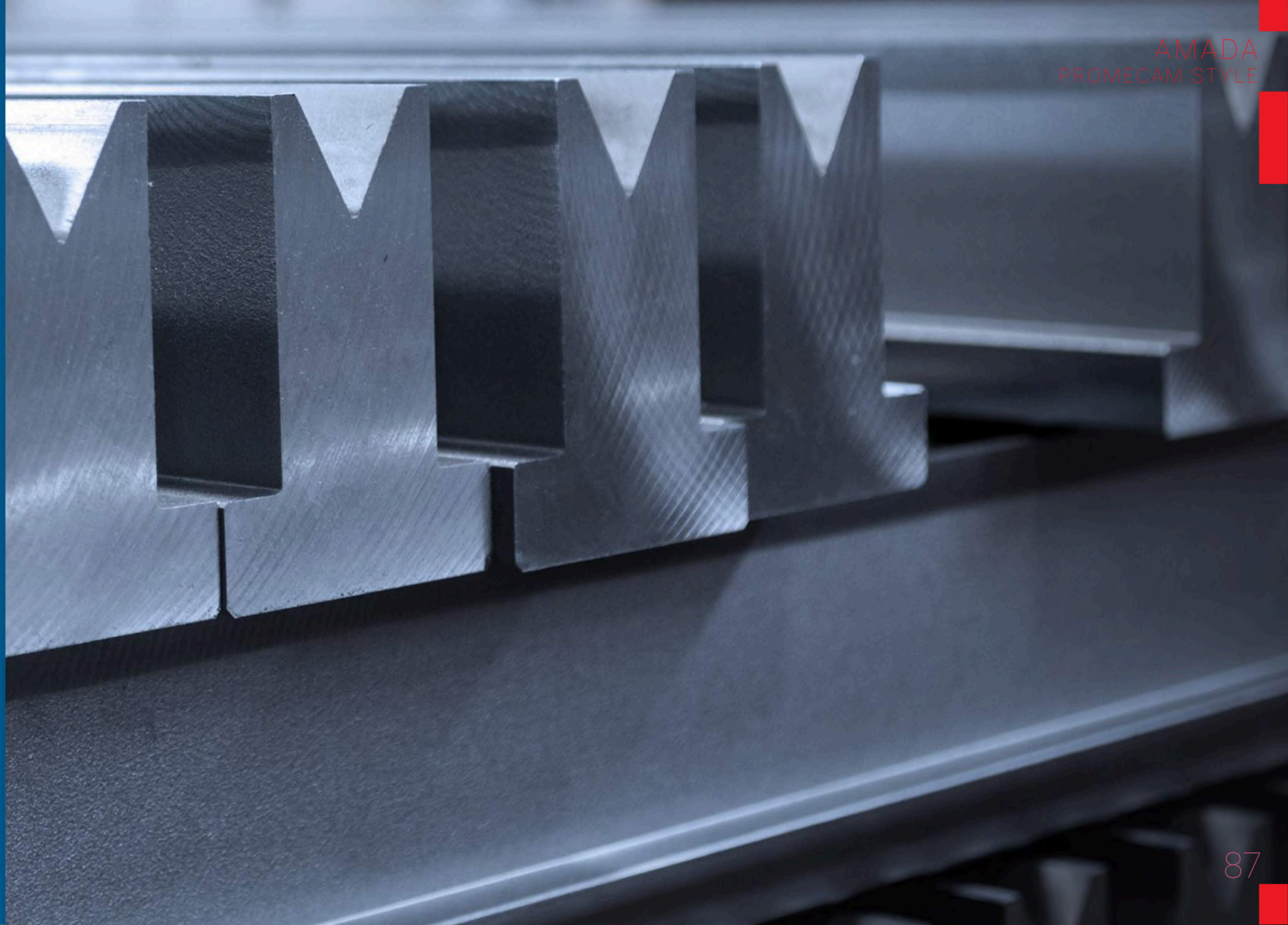


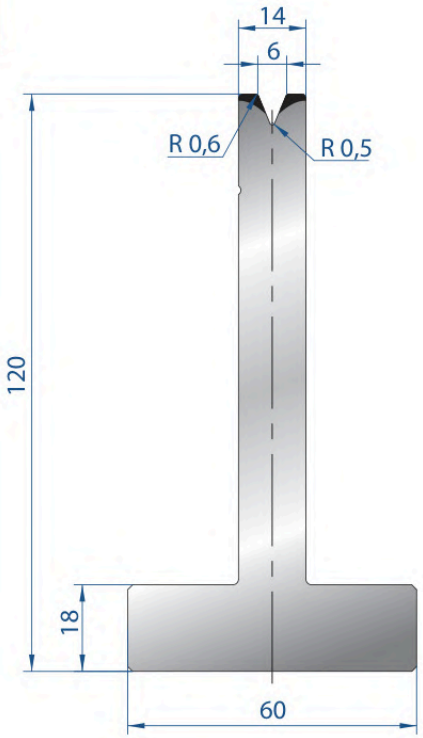
3065

Mat = C45
Max T/m = 60
α = 60°

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



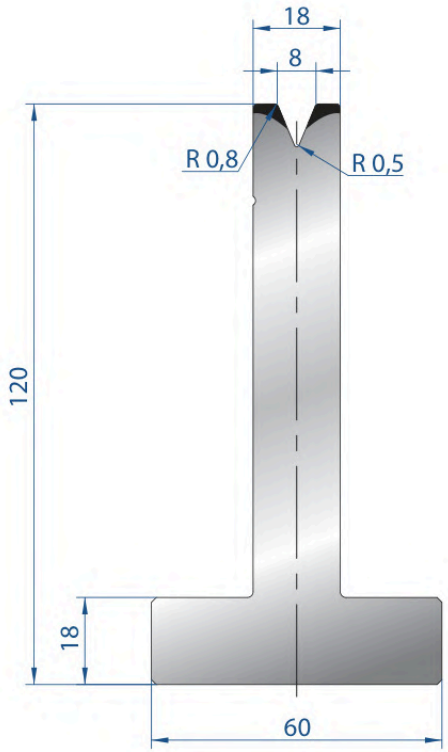




3066

Mat = C45
Max T/m = 50
α = 45°

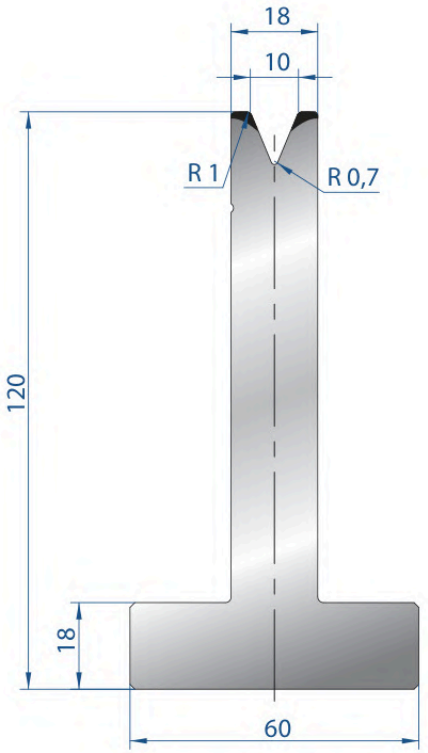
835 mm	17,0 kg
415 mm	8,0 kg
805 mm FRAZ. / SECT.	17,0 kg



3067

Mat = C45
Max T/m = 50
α = 45°

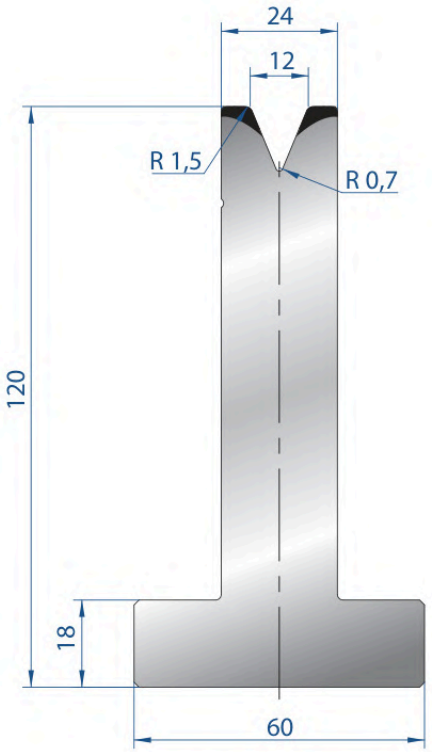
835 mm	17,0 kg
415 mm	8,0 kg
805 mm FRAZ. / SECT.	17,0 kg



3068

Mat = C45
Max T/m = 50
α = 45°

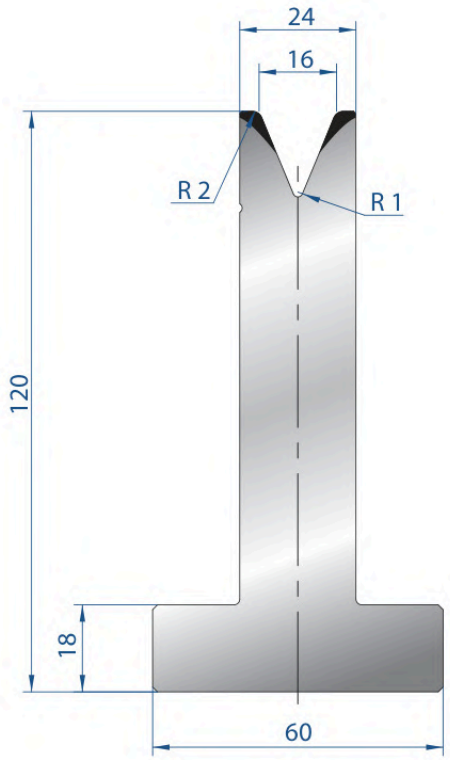
835 mm	18,0 kg
415 mm	8,0 kg
805 mm FRAZ. / SECT.	17,0 kg



3069

Mat = C45
Max T/m = 50
α = 45°

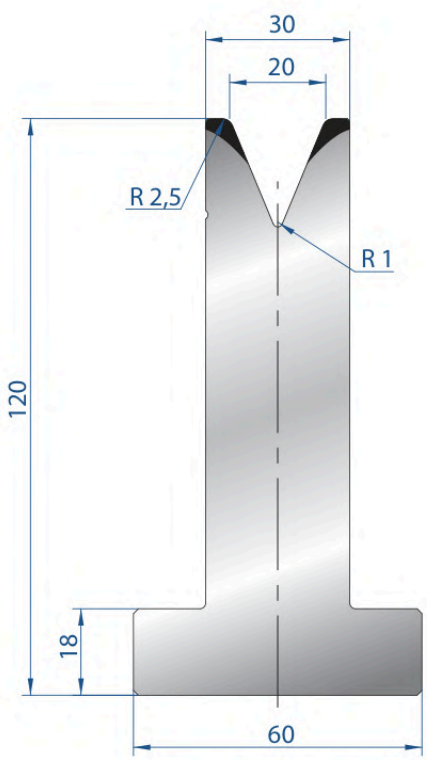
835 mm	22,0 kg
415 mm	11,0 kg
805 mm FRAZ. / SECT.	22,0 kg



3070

Mat = C45
Max T/m = 50
α = 45°

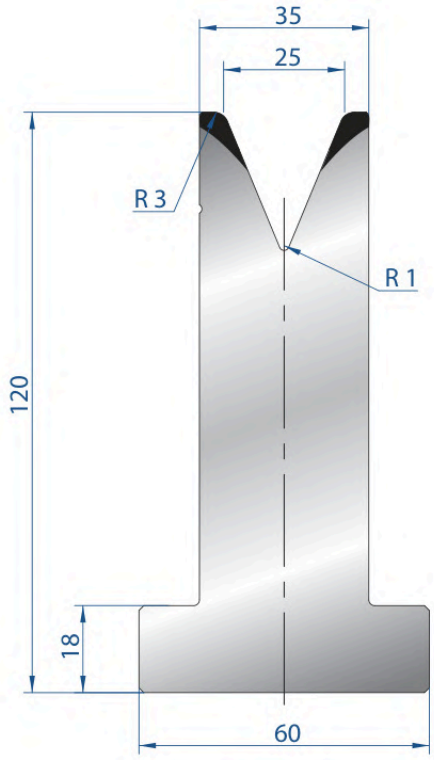
835 mm	22,0 kg
415 mm	11,0 kg
805 mm FRAZ. / SECT.	22,0 kg



3071

Mat = C45
Max T/m = 50
α = 45°

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

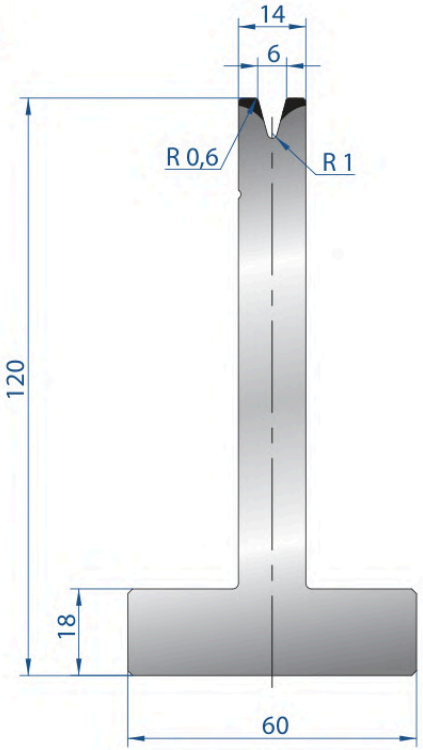


3072

Mat = C45
Max T/m = 50
α = 45°

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

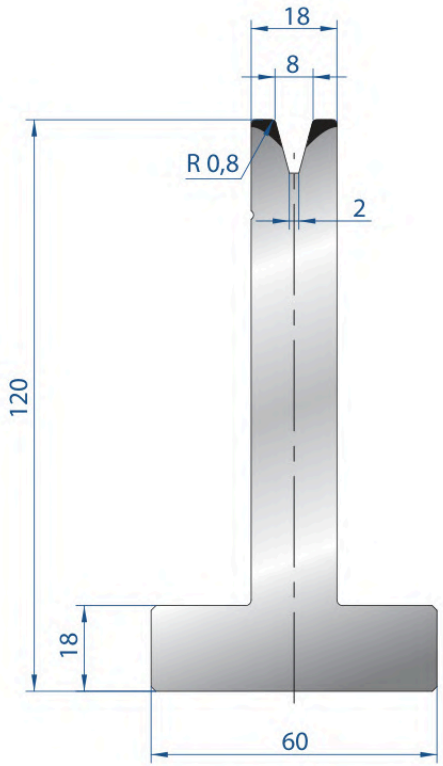
MATRICES T H120 - 30° / T DIES H120 - 30°



3073

Mat = C45
Max T/m = 35
α = 30°

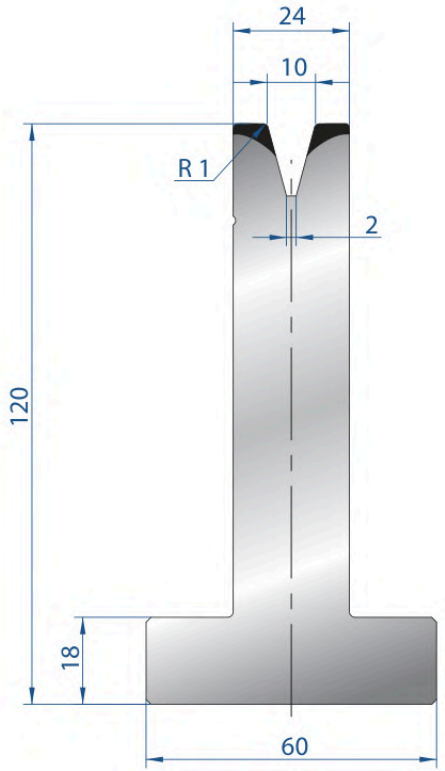
835 mm	17,0 kg
415 mm	8,0 kg
805 mm FRAZ. / SECT.	17,0 kg



3074

Mat = C45
Max T/m = 40
α = 30°

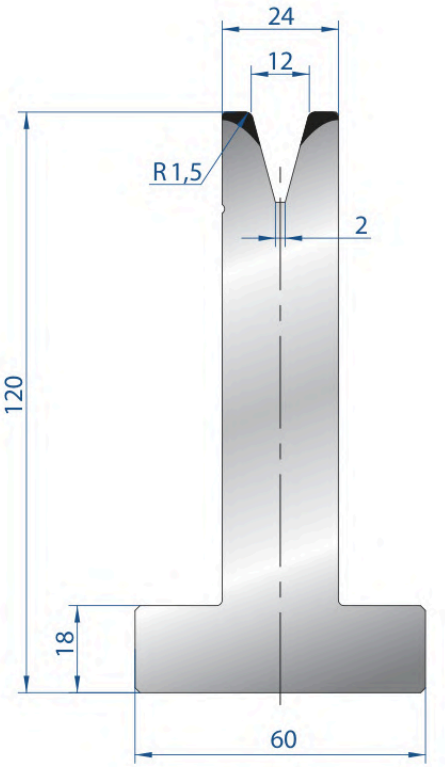
835 mm	18,0 kg
415 mm	9,0 kg
805 mm FRAZ. / SECT.	18,0 kg



3075

Mat = C45
Max T/m = 50
α = 30°

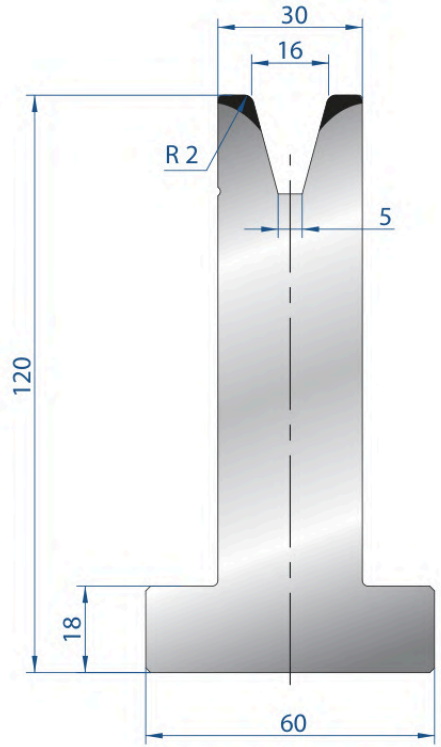
835 mm	22,0 kg
415 mm	11,0 kg
805 mm FRAZ. / SECT.	22,0 kg



3076

Mat = C45
Max T/m = 50
α = 30°

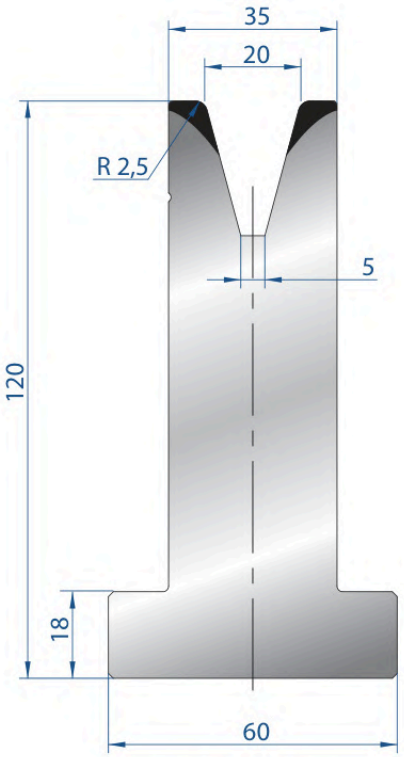
835 mm	22,0 kg
415 mm	11,0 kg
805 mm FRAZ. / SECT.	22,0 kg



3077

Mat = C45
Max T/m = 50
α = 30°

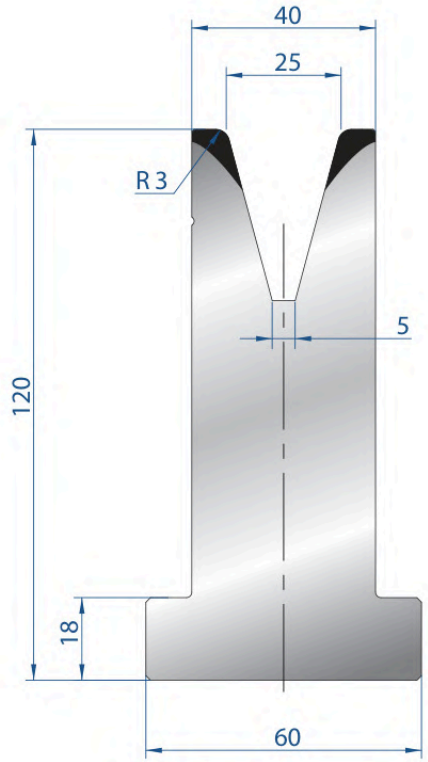
835 mm	27,0 kg
415 mm	13,0 kg
805 mm FRAZ. / SECT.	27,0 kg



3078

Mat = C45
Max T/m = 55
α = 30°

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



3079

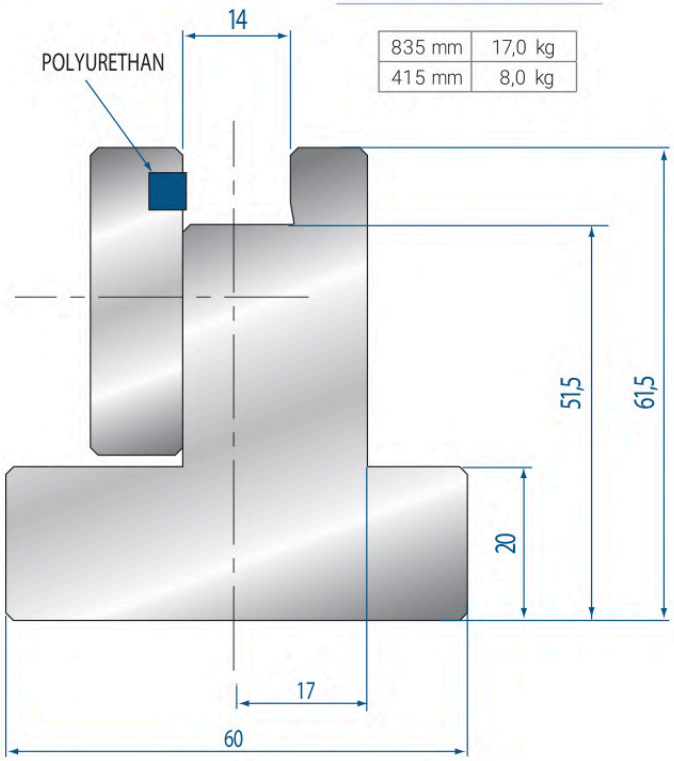
Mat = C45
Max T/m = 50
α = 30°

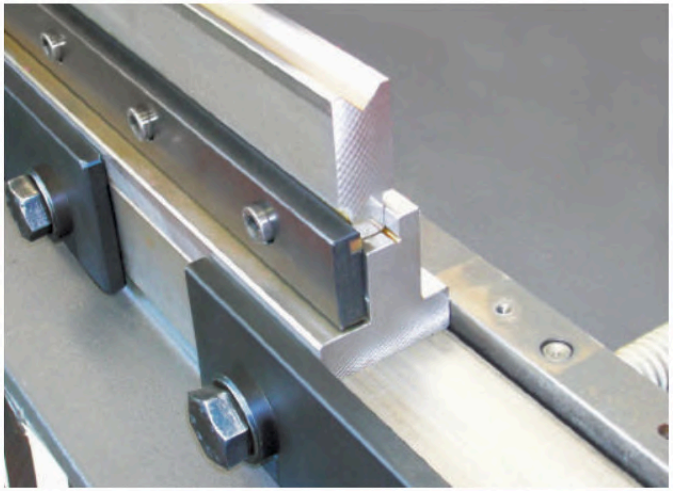
835 mm	33,0 kg
415 mm	16,0 kg
805 mm FRAZ. / SECT.	33,0 kg

SUPPORT POUR INSERTS DE MATRICE / DIE INSERTS HOLDER

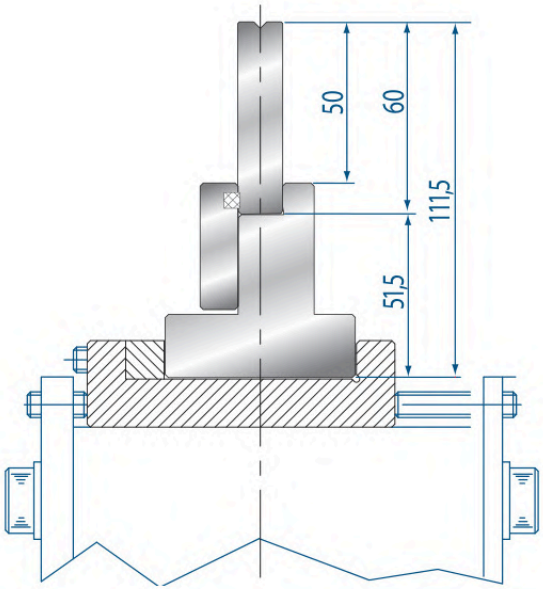
3173

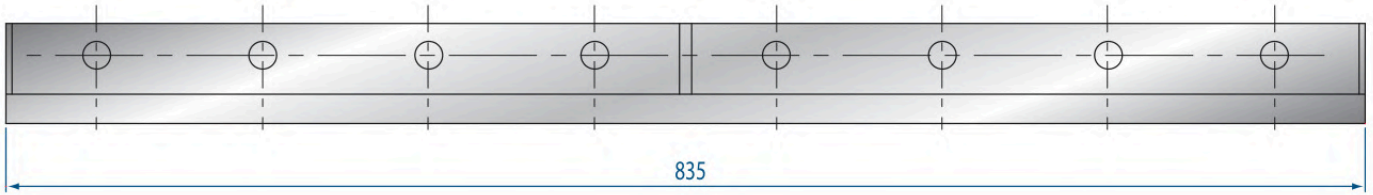
835 mm	17,0 kg
415 mm	8,0 kg



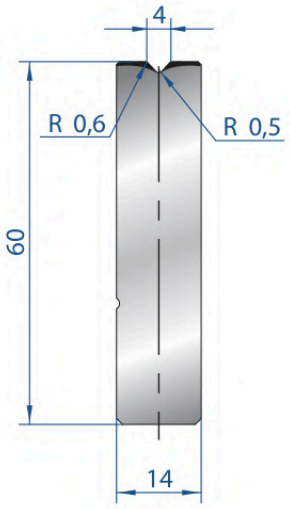


EXEMPLE DE MONTAGE
ASSEMBLY EXAMPLE





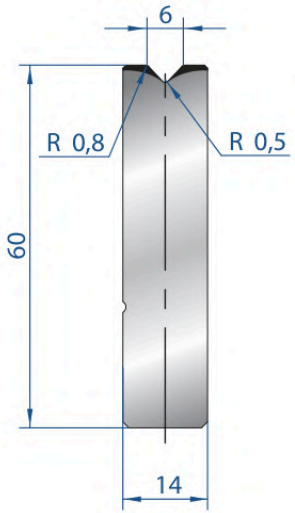




3158

Mat = C45
Max T/m = 100
α = 88°

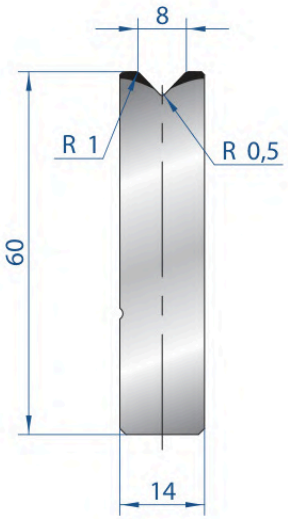
835 mm	5,0 kg
415 mm	2,0 kg
805 mm FRAZ. / SECT.	5,0 kg



3159

Mat = C45
Max T/m = 100
α = 88°

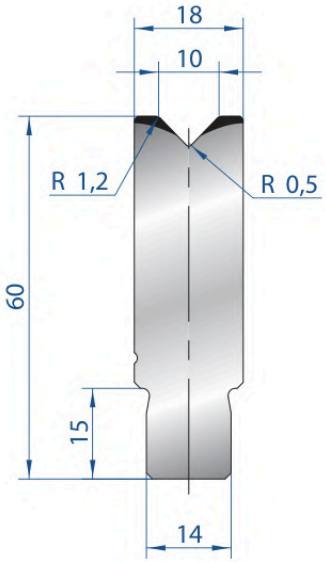
835 mm	5,0 kg
415 mm	2,0 kg
805 mm FRAZ. / SECT.	5,0 kg



3160

Mat = C45
Max T/m = 100
α = 88°

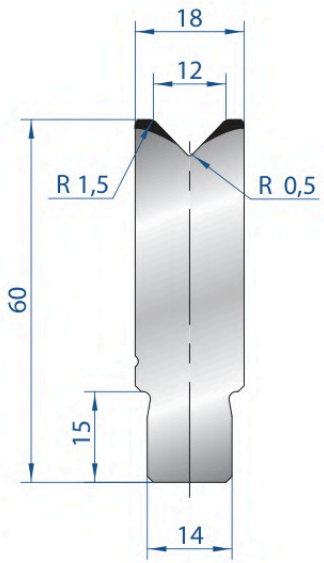
835 mm	5,0 kg
415 mm	2,0 kg
805 mm FRAZ. / SECT.	5,0 kg



3161

Mat = C45
Max T/m = 100
α = 88°

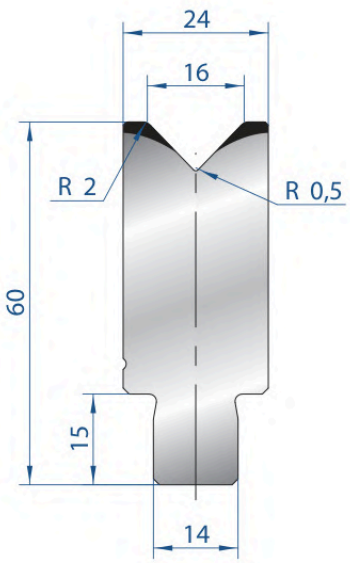
835 mm	6,0 kg
415 mm	3,0 kg
805 mm FRAZ. / SECT.	6,0 kg



3162

Mat = C45
Max T/m = 100
α = 88°

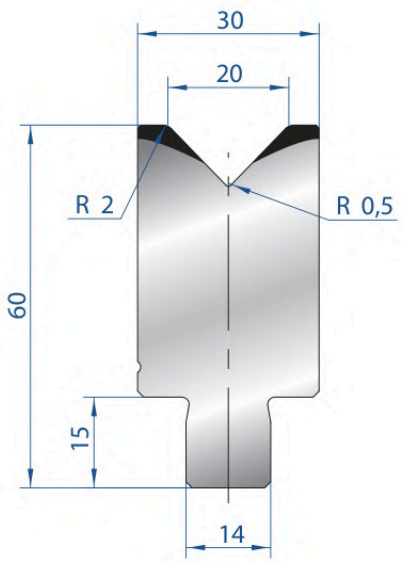
835 mm	6,0 kg
415 mm	3,0 kg
805 mm FRAZ. / SECT.	6,0 kg



3163

Mat = C45
Max T/m = 100
α = 88°

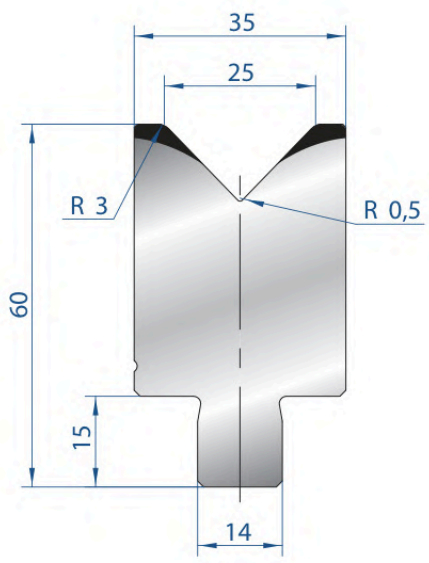
835 mm	8,0 kg
415 mm	4,0 kg
805 mm FRAZ. / SECT.	8,0 kg



3164

Mat = C45
Max T/m = 100
α = 88°

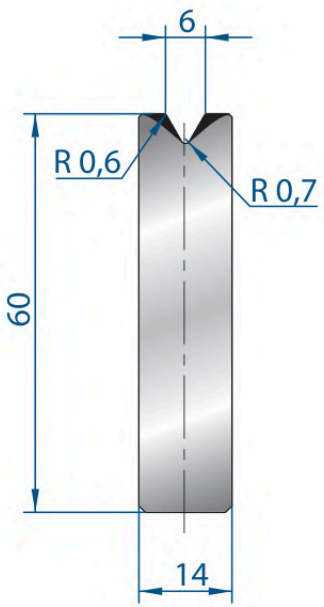
835 mm	9,0 kg
415 mm	4,0 kg
805 mm FRAZ. / SECT.	9,0 kg



3165

Mat = C45
Max T/m = 100
α = 88°

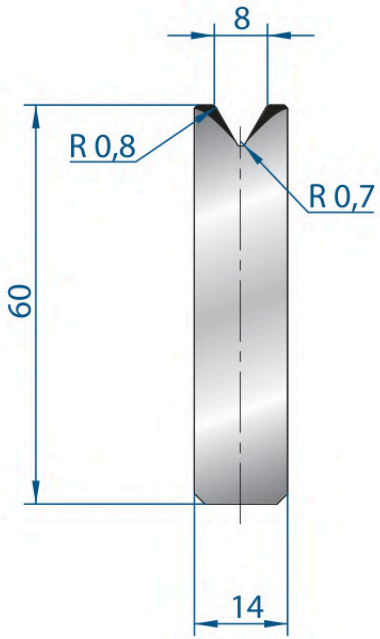
835 mm	10,0 kg
415 mm	5,0 kg
805 mm FRAZ. / SECT.	10,0 kg



3193

Mat = C45
Max T/m = 100
α = 60°

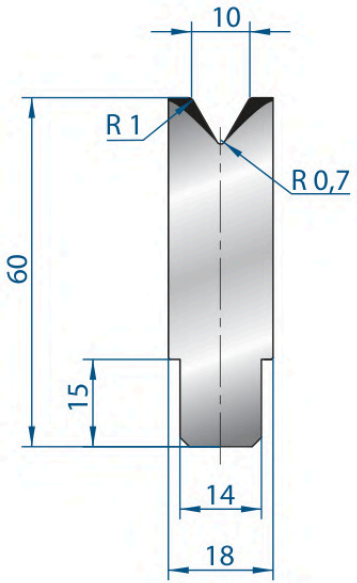
835 mm	5,4 kg
415 mm	2,7 kg
805 mm FRAZ. / SECT.	5,4 kg



3194

Mat = C45
Max T/m = 100
α = 60°

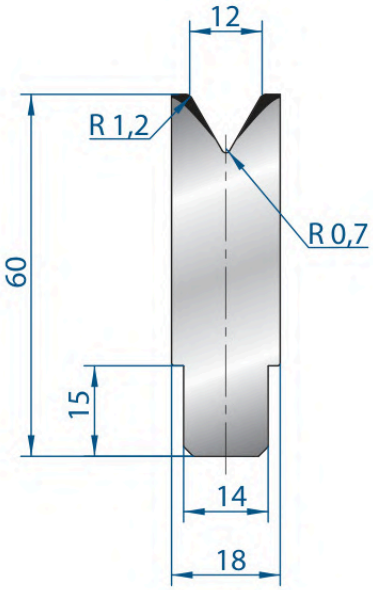
835 mm	5,4 kg
415 mm	2,7 kg
805 mm FRAZ. / SECT.	5,4 kg



3195

Mat = C45
Max T/m = 100
α = 60°

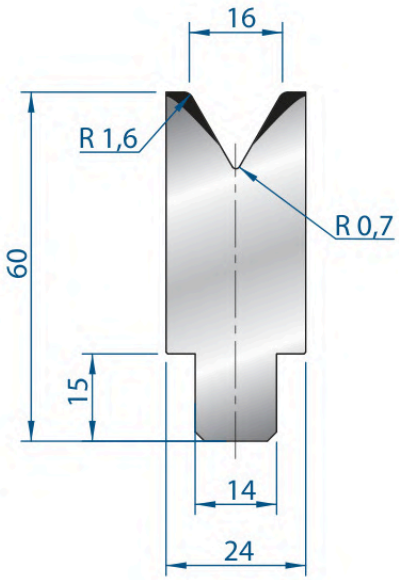
835 mm	6,4 kg
415 mm	3,2 kg
805 mm FRAZ. / SECT.	6,4 kg



3196

Mat = C45
Max T/m = 100
α = 60°

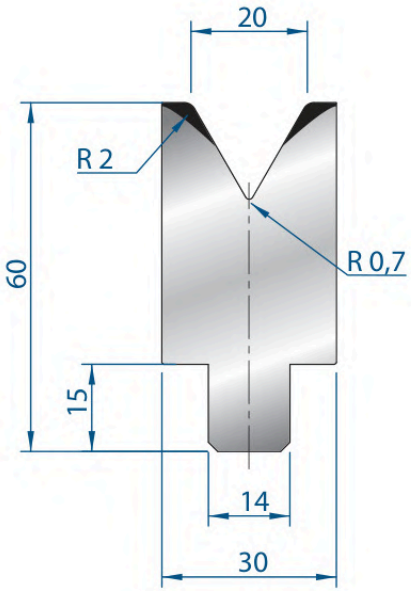
835 mm	6,2 kg
415 mm	3,1 kg
805 mm FRAZ. / SECT.	6,2 kg



3197

Mat = C45
Max T/m = 100
α = 60°

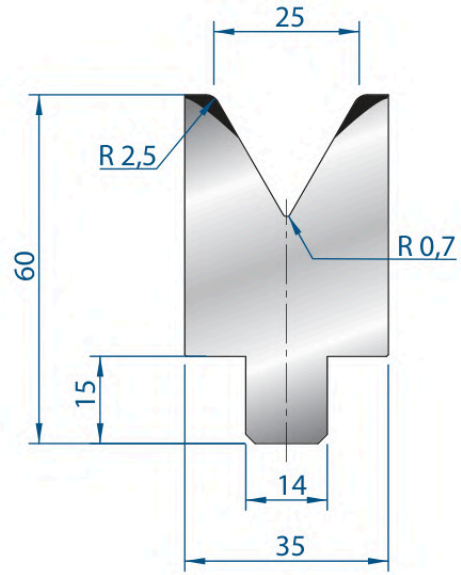
835 mm	7,7 kg
415 mm	3,9 kg
805 mm FRAZ. / SECT.	7,7 kg



3198

Mat = C45
Max T/m = 100
α = 60°

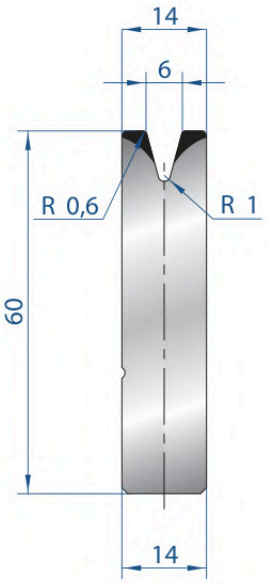
835 mm	9,0 kg
415 mm	4,5 kg
805 mm FRAZ. / SECT.	9,0 kg



3199

Mat = C45
Max T/m = 100
α = 60°

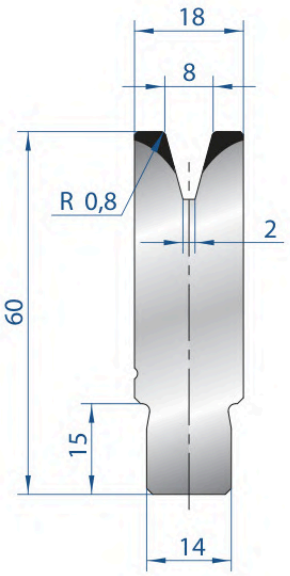
835 mm	10,0 kg
415 mm	5,0 kg
805 mm FRAZ. / SECT.	10,0 kg



3166

Mat = C45
Max T/m = 35
α = 30°

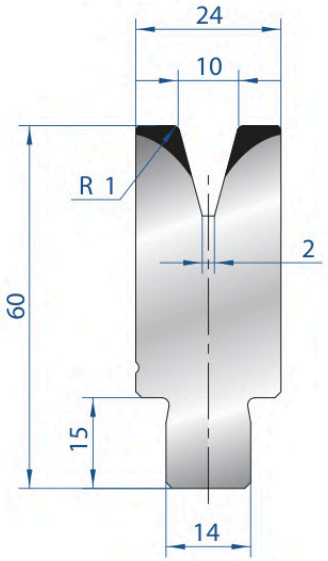
835 mm	5,0 kg
415 mm	2,0 kg
805 mm FRAZ. / SECT.	5,0 kg



3167

Mat = C45
Max T/m = 40
α = 30°

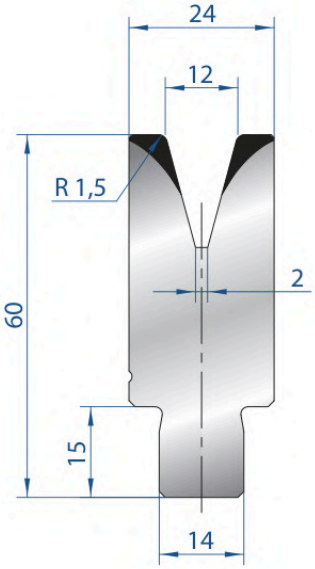
835 mm	6,0 kg
415 mm	3,0 kg
805 mm FRAZ. / SECT.	6,0 kg



3168

Mat = C45
Max T/m = 50
α = 30°

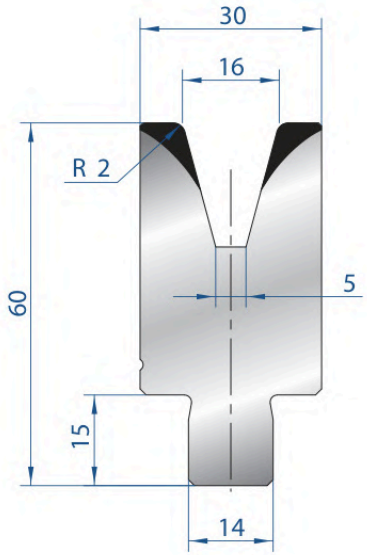
835 mm	8,0 kg
415 mm	4,0 kg
805 mm FRAZ. / SECT.	8,0 kg



3169

Mat = C45
Max T/m = 50
α = 30°

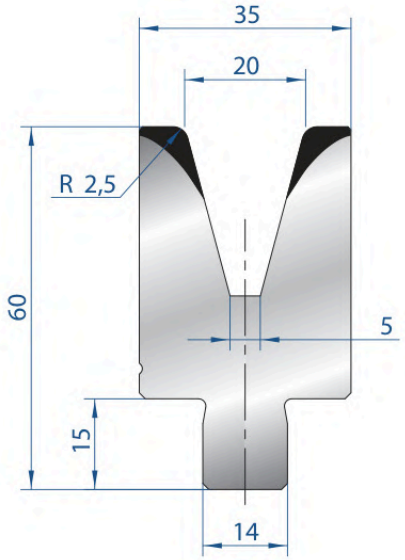
835 mm	7,0 kg
415 mm	3,0 kg
805 mm FRAZ. / SECT.	7,0 kg



3170

Mat = C45
Max T/m = 50
α = 30°

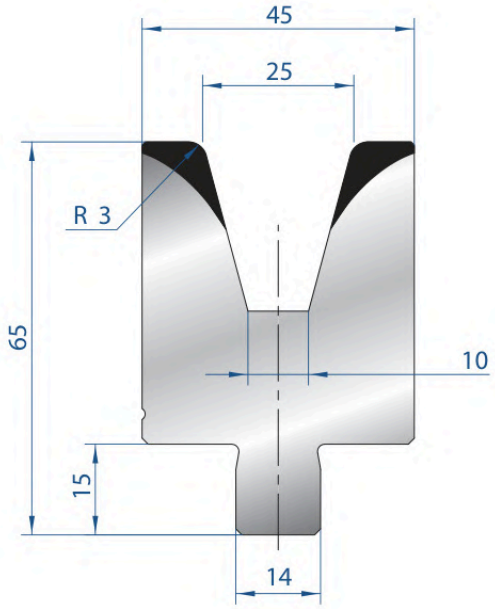
835 mm	9,0 kg
415 mm	4,0 kg
805 mm FRAZ. / SECT.	9,0 kg



3171

Mat = C45
Max T/m = 55
α = 30°

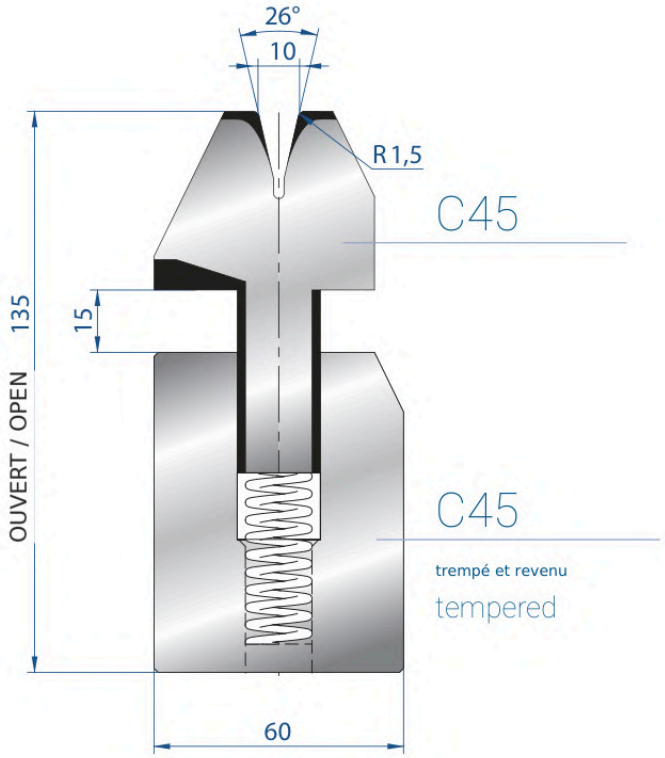
835 mm	9,0 kg
415 mm	4,0 kg
805 mm FRAZ. / SECT.	9,0 kg



3172

Mat = C45
Max T/m = 55
α = 30°

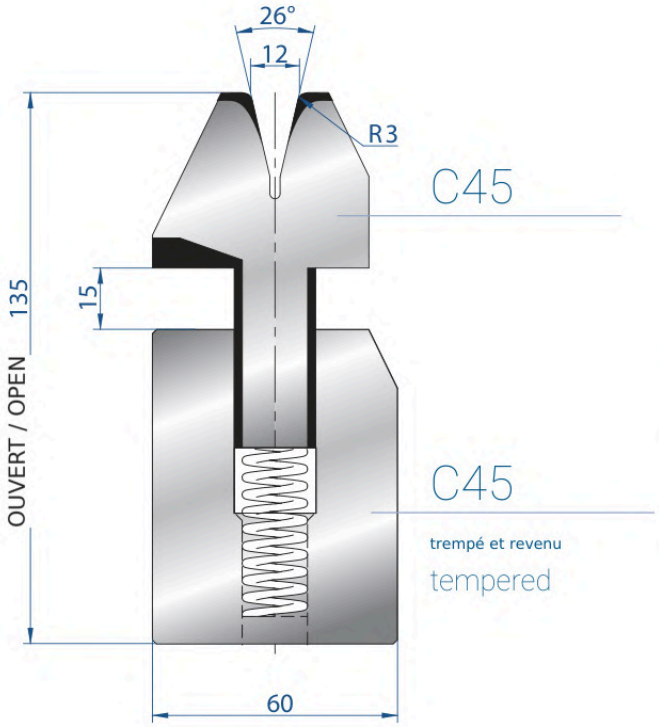
835 mm	13,0 kg
415 mm	6,0 kg
805 mm FRAZ. / SECT.	13,0 kg



3038

Épaisseur :
de 1,5 mm à 2,5 mm
Sheet metal thickness:
from 1,5 to 2,5 mm
Max T/m = 100

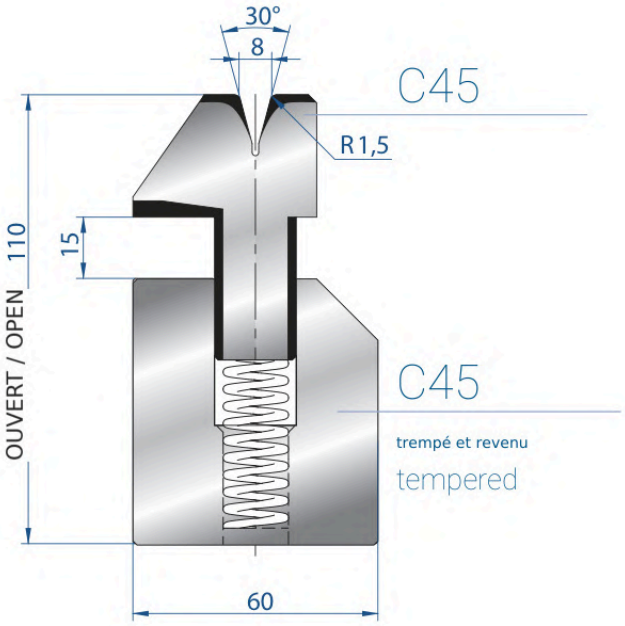
835 mm	42,0 kg
415 mm	21,0 kg



3040

Épaisseur :
de 1,5 mm à 3,0 mm
Sheet metal thickness:
from 1,5 to 3,0 mm
Max T/m = 100

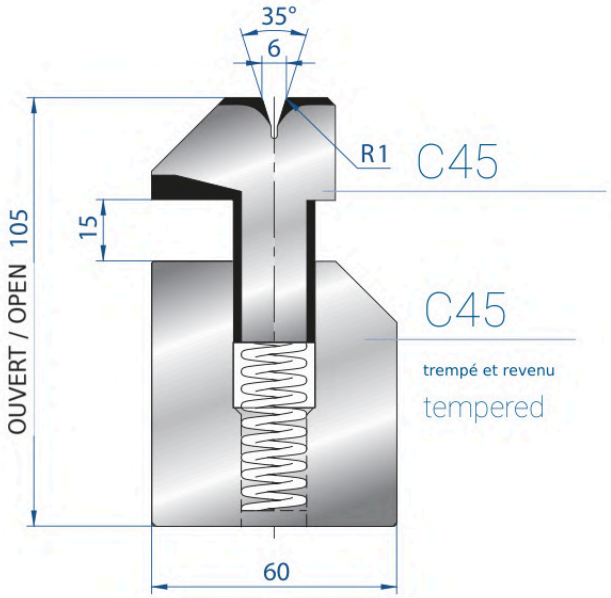
835 mm	42,0 kg
415 mm	21,0 kg



3041

Épaisseur :
max 1,5 mm
Sheet metal thickness:
max 1,5 mm
Max T/m = 80

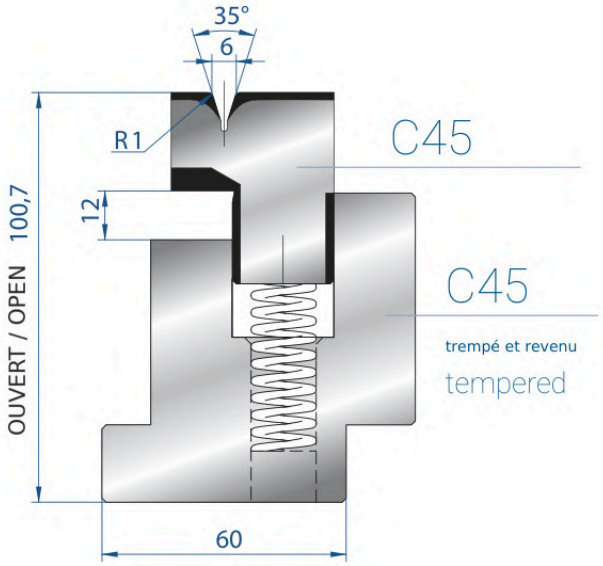
835 mm	34,0 kg
415 mm	17,0 kg



3039

Épaisseur :
max 1,0 mm
Sheet metal thickness:
max 1,0 mm
Max T/m = 80

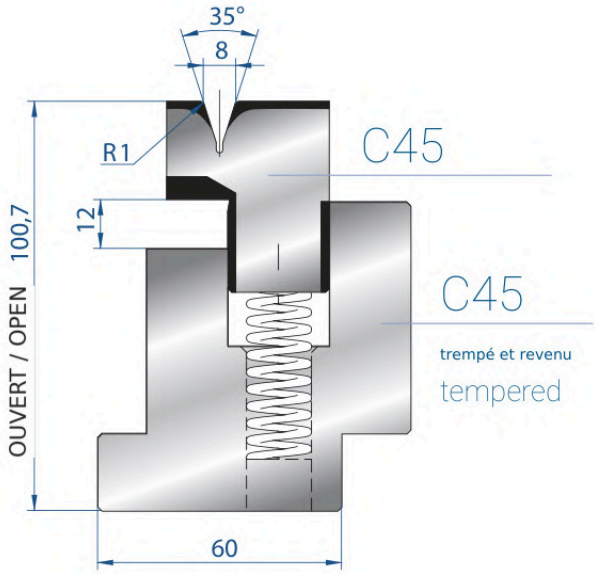
835 mm	32,0 kg
415 mm	16,0 kg



3037 / 6

Épaisseur :
max 1,0 mm
Sheet metal thickness:
max 1,0 mm
Max T/m = 60

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



3037 / 8

Épaisseur :
max 1,2 mm
Sheet metal thickness:
max 1,2 mm
Max T/m = 60

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



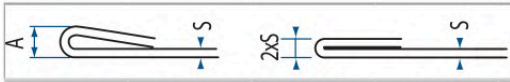
FORCES D'ÉCRASEMENT
HEMMING POWER

Acier doux R.45 Kg/mmq / Mild Steel R.45 Kg/mmq



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

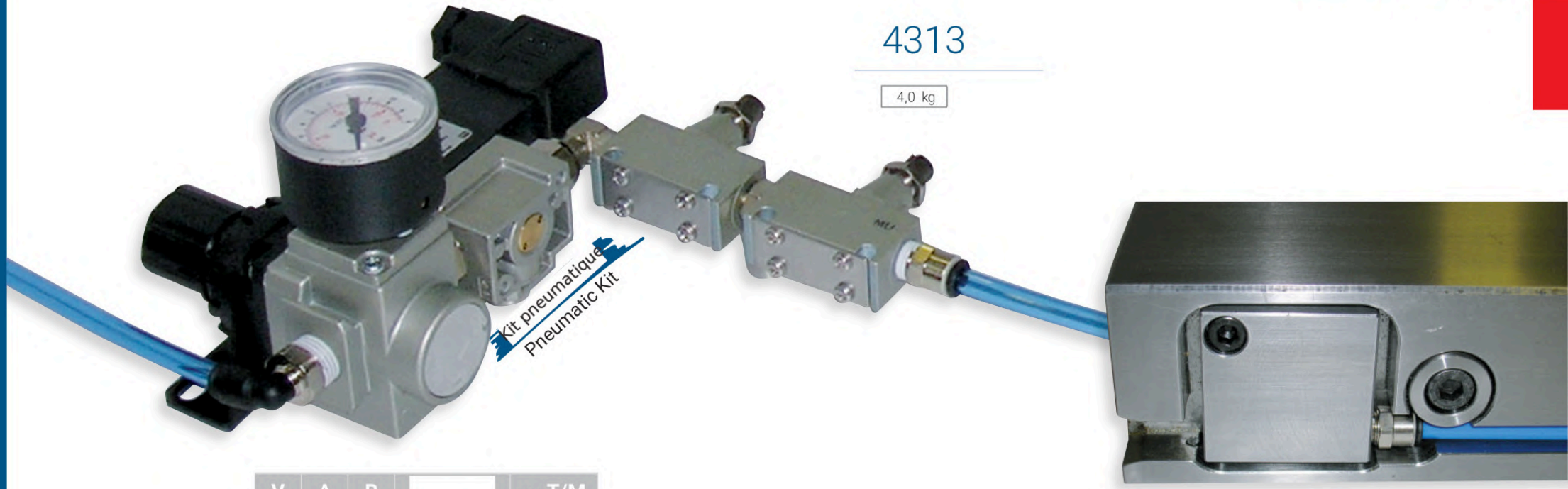
Inox R.70 Kg/mmq / Stainless Steel R.70 Kg/mmq



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

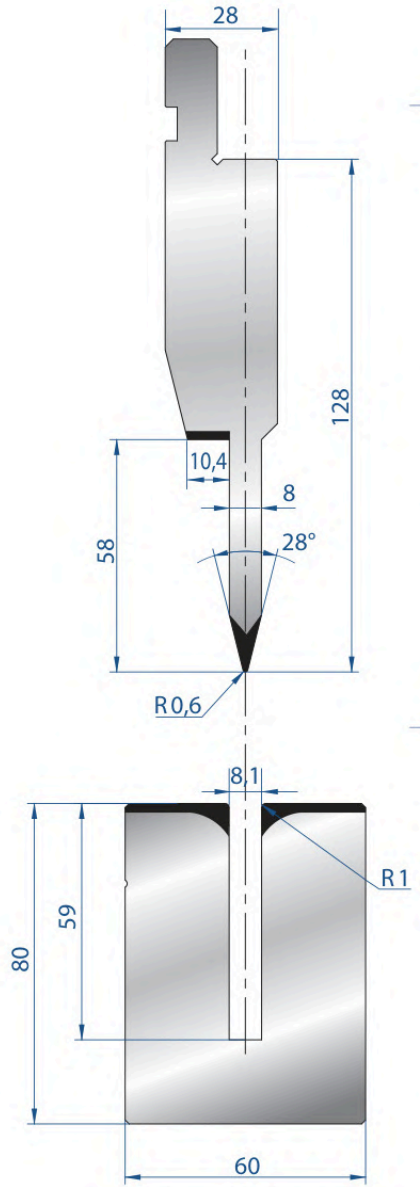
4313

4,0 kg



	V	A	R		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				





1195

Mat = C45
trempé et revenu / tempered
Max T/m = 80

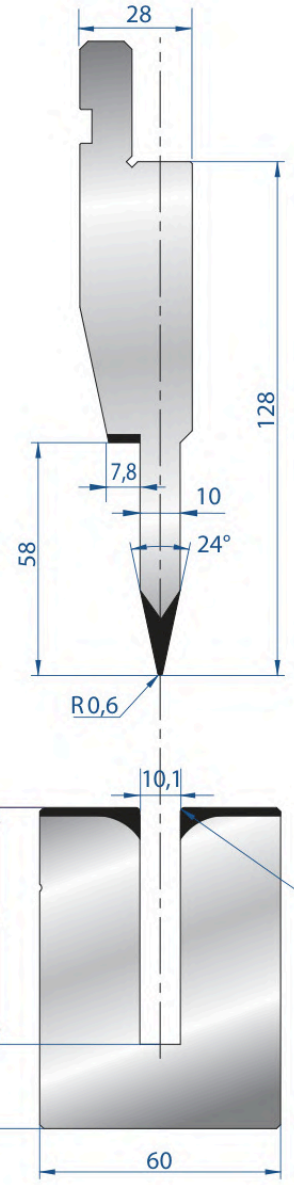
835 mm	17,0 kg
415 mm	8,0 kg
805 mm FRAZ. / SECT.	17,0 kg

Épaisseur :
Max 1,2 mm Acier doux
Thickness:
Max 1,2 mm Mild steel

3176

Mat = C45
trempé et revenu / tempered
Max T/m = 50

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



1196

Mat = C45
trempé et revenu / tempered
Max T/m = 80

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

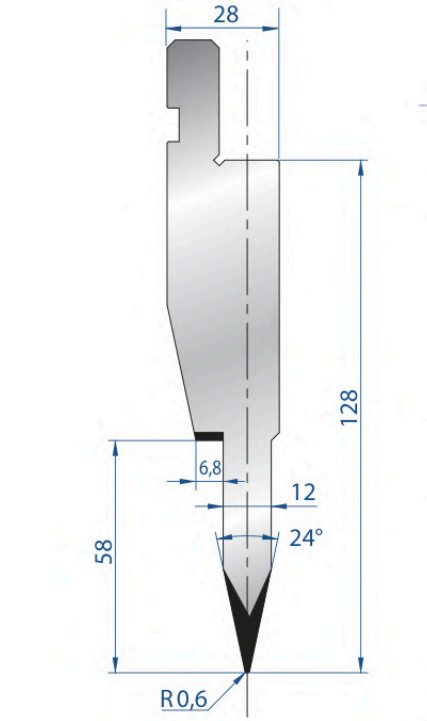
Épaisseur :
Max 1,5 mm Acier doux
Thickness:
Max 1,5 mm Mild steel

3177

Mat = C45
trempé et revenu / tempered
Max T/m = 50

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

835 mm -415mm - Fractionné / Segmented

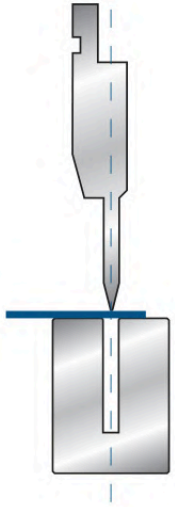


1197

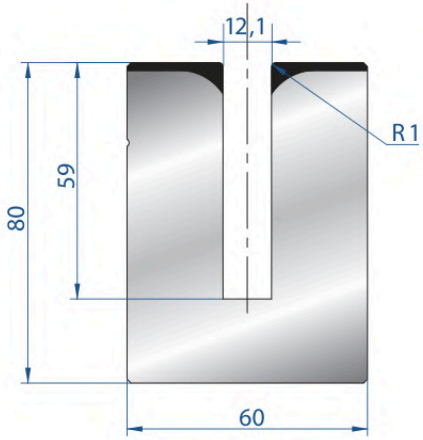
Mat = C45
trempé et revenu / tempered
Max T/m = 80

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

Épaisseur :
Max 1,5 mm Acier doux
Thickness:
Max 1,5 mm Mild steel



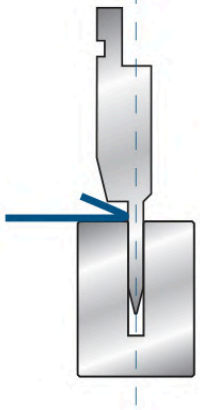


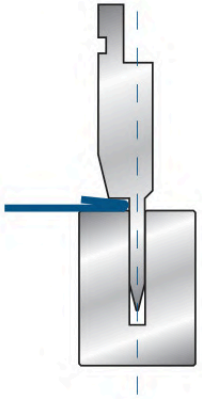


3178

Mat = C45
trempé et revenu / tempered
Max T/m = 50

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








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