



ESTILO TRUMPF

**Las herramientas superior e inferior enumeradas
en esta sección se pueden instalar
en las siguientes plegadoras:**

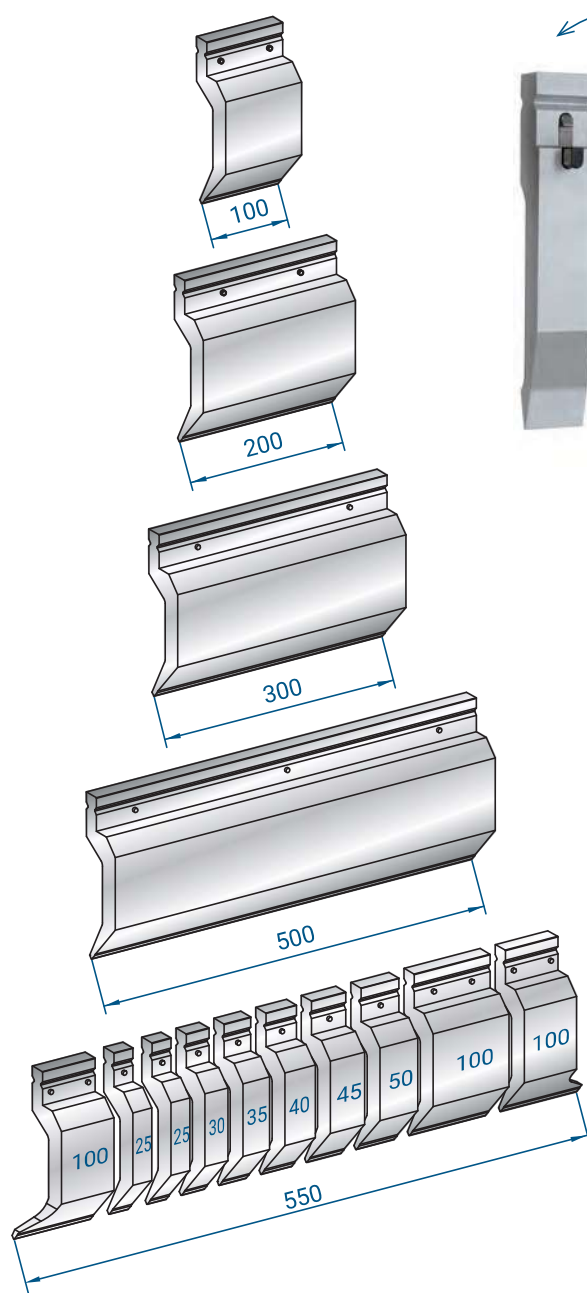
Trumpf, Darley, Safan, y en otras plegadoras
equipadas con Sistema de amarre de estilo Wila.

Estas herramientas también se pueden instalar en
otras prensas plegadoras utilizando los adaptadores
superior e inferior adecuados.

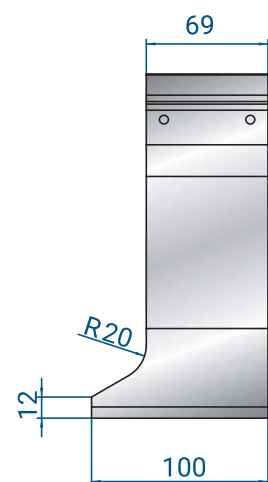
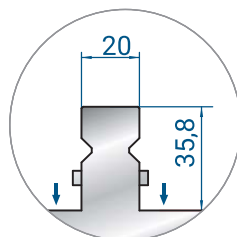
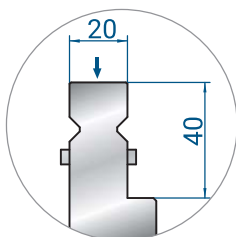




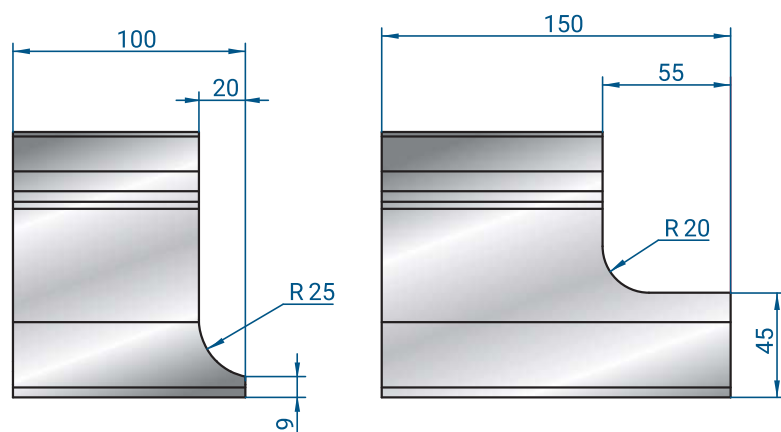
LONGITUDES ESTÁNDAR



BOTÓN DE SEGURIDAD
BAJO DEMANDA
CUANDO EL PESO DE
LA HERRAMIENTA ES
INFERIOR A 13,5 KG.



BIGORNIA FRESADA

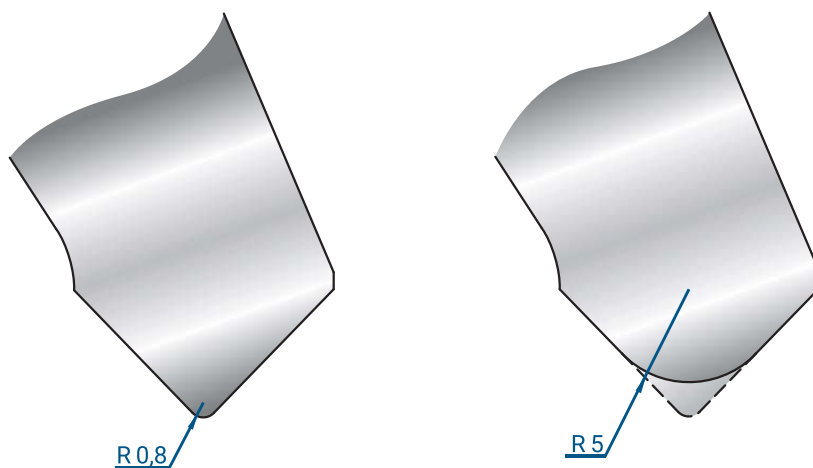


MODIFICACIONES BAJO PEDIDO



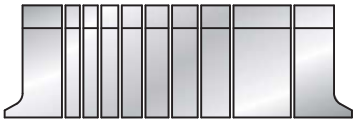
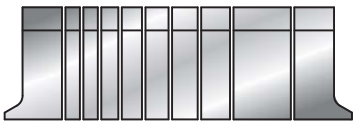
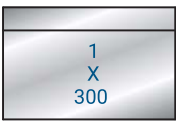
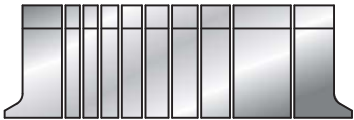
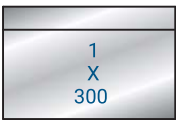
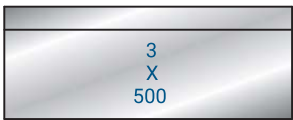
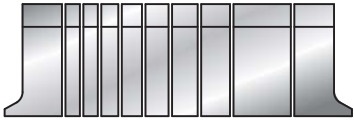
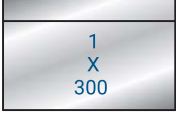
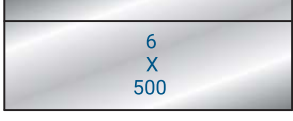
SEGMENTACIÓN ESPECIAL

MODIFICACIÓN DE RADIO



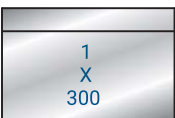
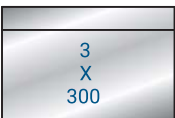
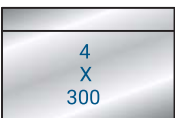
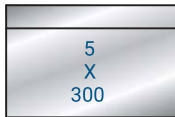
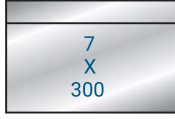
SEGMENTACIÓN PARA PUNZONES

1233 - 1234 - 1235 - 1236
1237 - 1238 - 1295
1302 - 1308 - 1313 - 1314
1316 - 1317 - 1318

550				
1050				
1250				
2050				
2550				
3050				
4050				

SEGMENTACIÓN PARA PUNZONES

1294 - 1303 - 1319 - 1320

550			
1050			
1250			
2050			
2550			
3050			
4050			

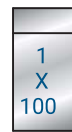
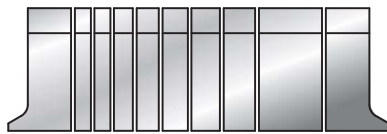
SEGMENTACIÓN PARA PUNZONES

1315

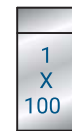
550



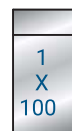
1050



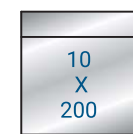
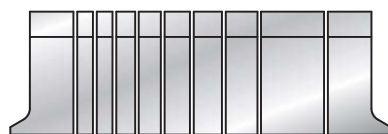
1250



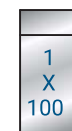
2050



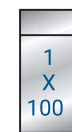
2550

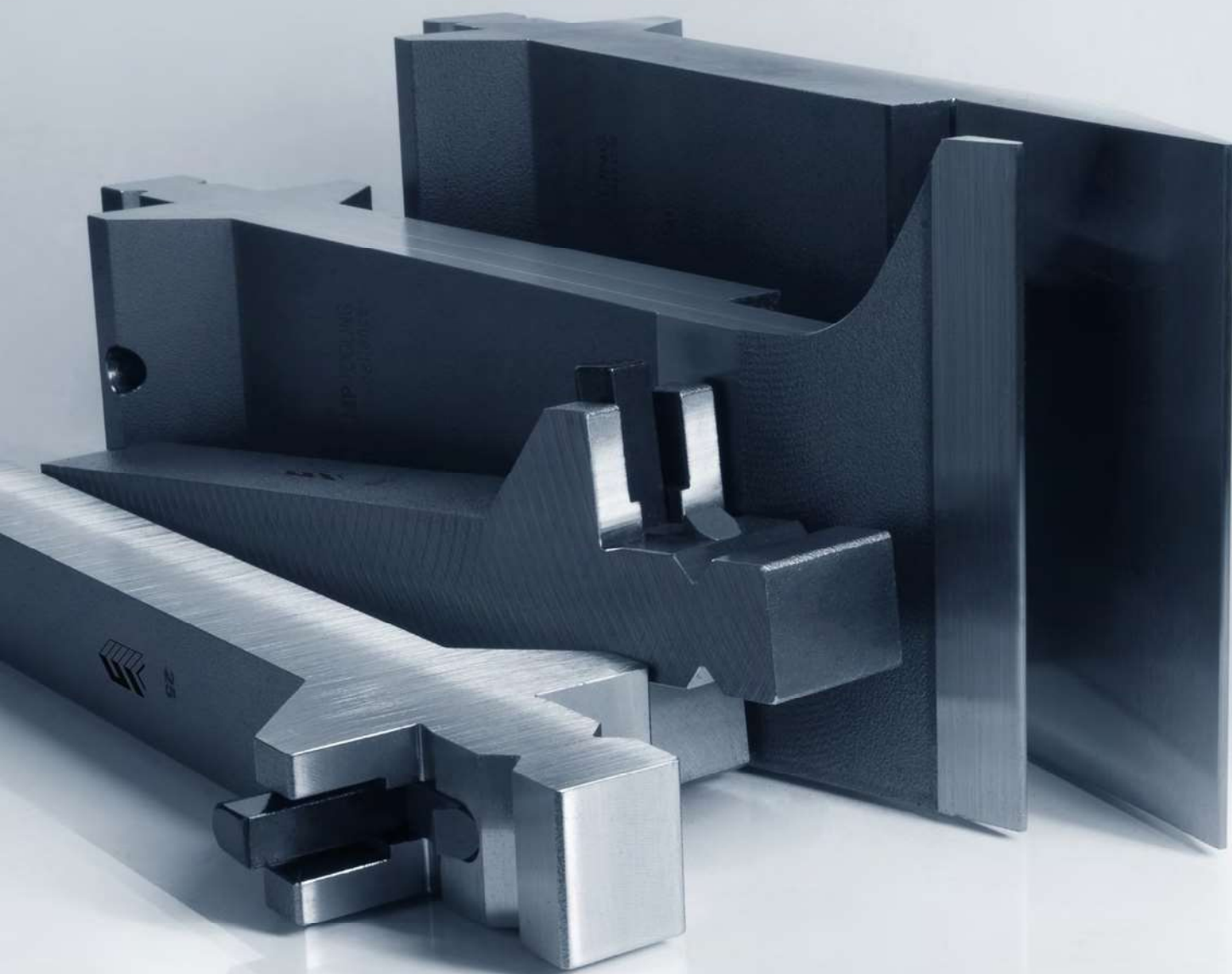


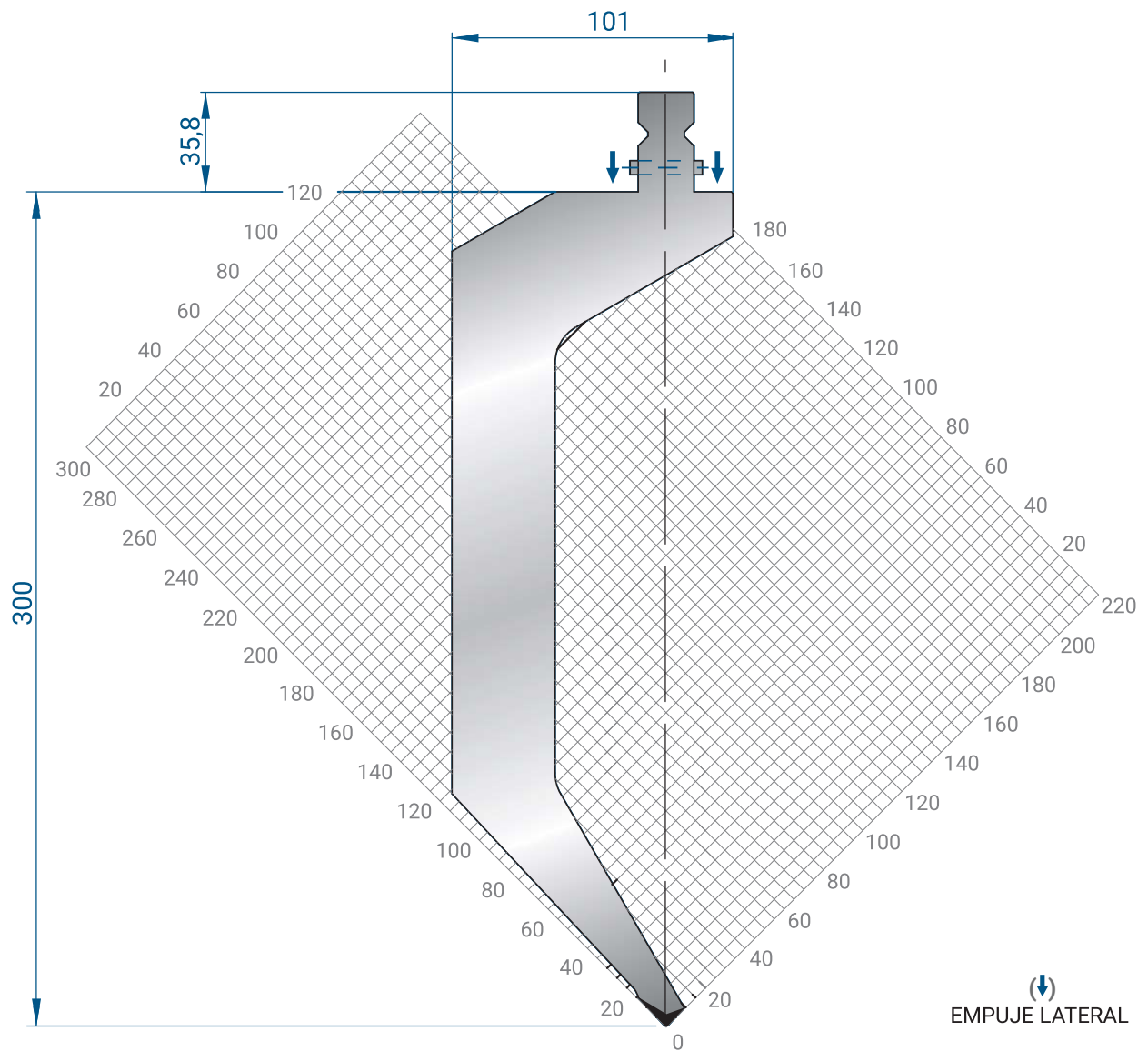
3050



4050







1315

25-30 mm	3,9 kg
35-40	
45-50	
100 mm BIGORNIA	9,0 kg
100 mm	9,0 kg
200 mm	19,6 kg
550 mm FRACC.	49,6 kg
1050 mm FRAZ. B/SECT.	102,9 kg
1250 mm FRACC.	122,5 kg
2050 mm FRACC.	200,9 kg
2550 mm FRACC.	249,9 kg
3050 mm FRACC.	298,9 kg
4050 mm FRACC.	396,9 kg

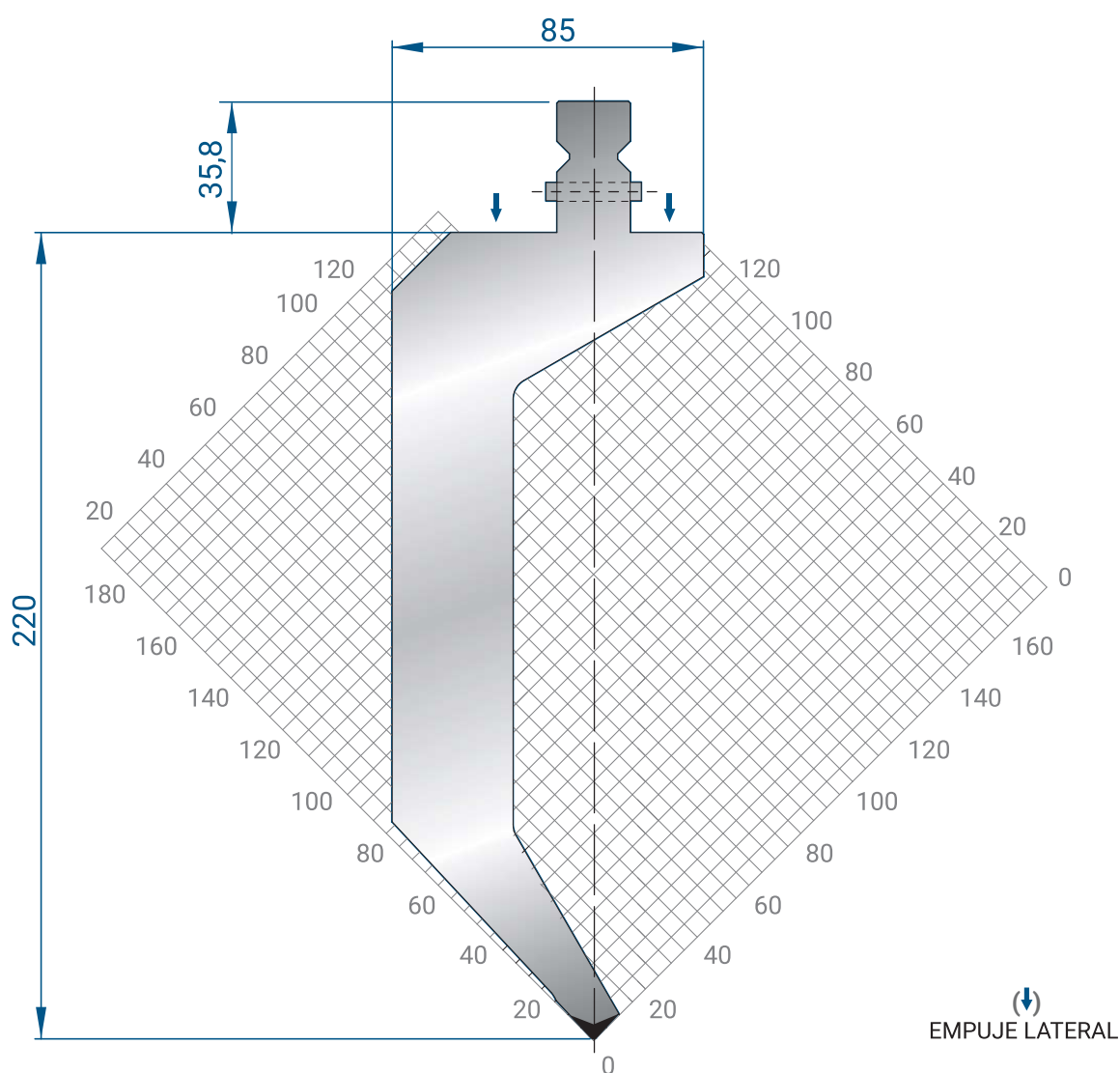
Mat = 42CrMo4 templado

H = 300.00

Max T/m = 80

α = 86°

R = 1



1294

25-30 mm	2,5 kg
35-40	
45-50	
100 mm BIGORNIA	6,0 kg
100 mm	6,4 kg
200 mm	12,8 kg
300 mm	19,2 kg
500 mm	32,0 kg
550 mm FRACC.	35,2 kg
1050 mm FRACC. B	67,2 kg
1250 mm FRACC. B	80,0 kg
2050 mm FRACC. B	131,0 kg
2550 mm FRACC. B	163,2 kg
3050 mm FRACC. B	195,2 kg
4050 mm FRACC. B	259,2 kg

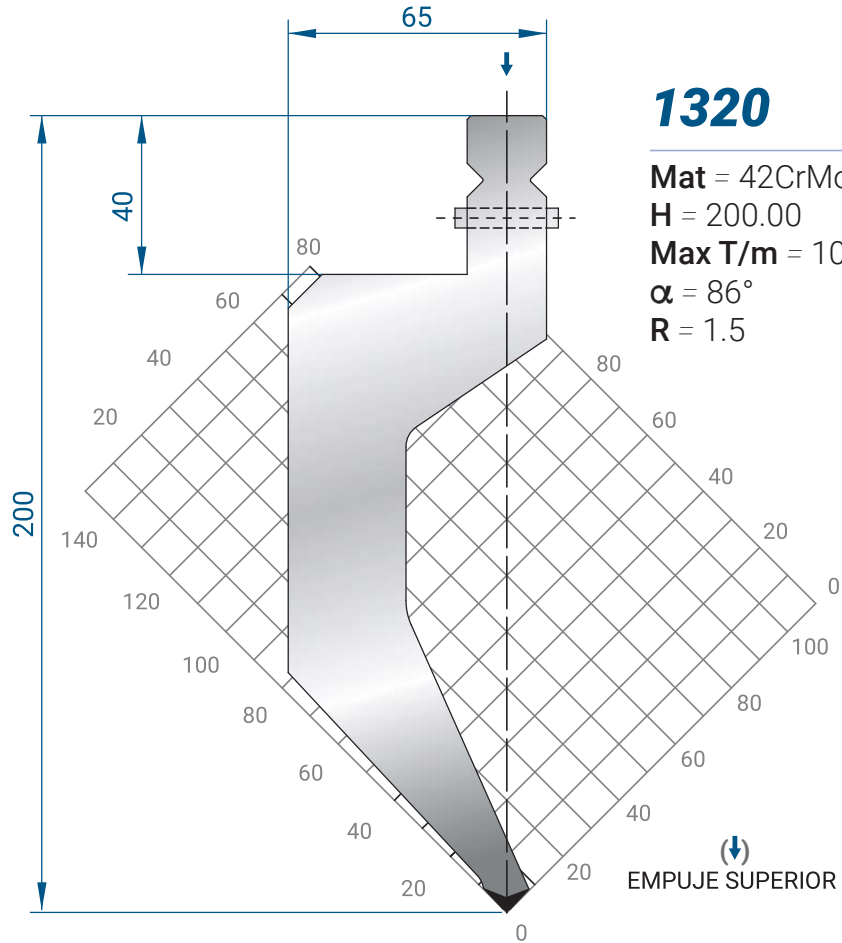
Mat = 42CrMo4 templado

H = 220.00

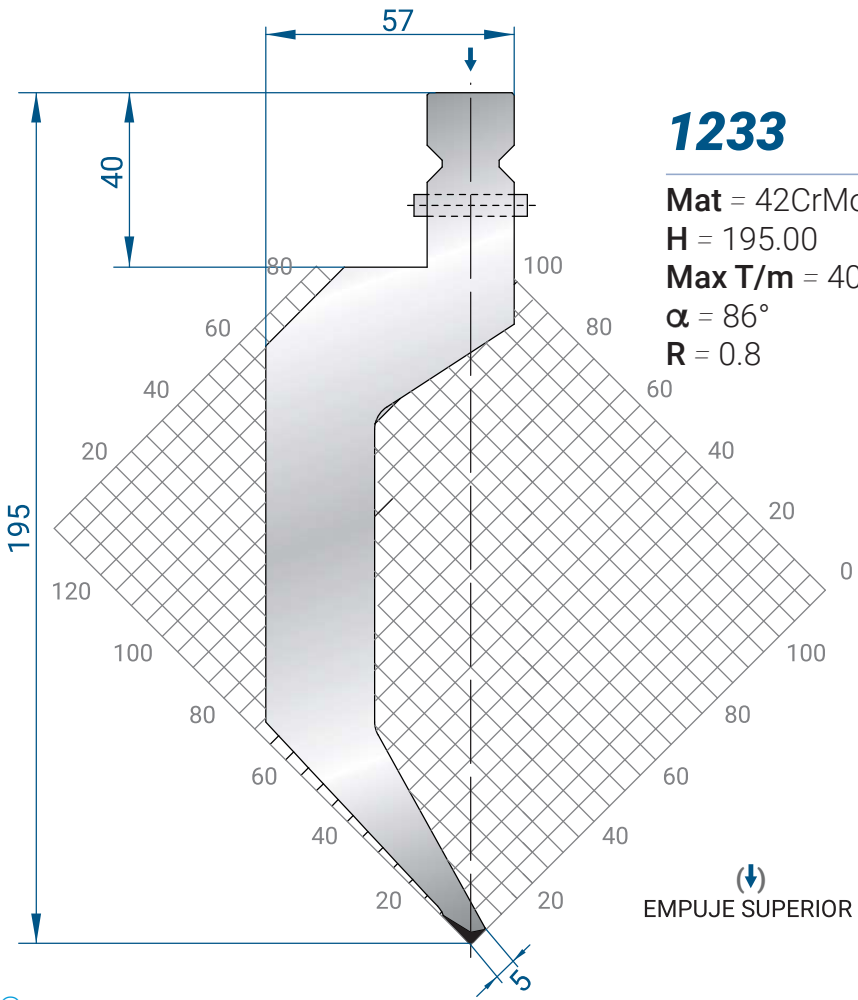
Max T/m = 85

α = 86°

R = 1



25-30 mm	1,2 kg
35-40	
45-50	
100 mm BIGORNIA	2,8 kg
100 mm	3,1 kg
200 mm	6,2 kg
300 mm	9,3 kg
500 mm	15,4 kg
550 mm FRACC.	17,0 kg
1050 mm FRACC. B	32,5 kg
1250 mm FRACC. B	38,7 kg
2050 mm FRACC. B	63,5 kg
2550 mm FRACC. B	79,0 kg
3050 mm FRACC. B	94,5 kg
4050 mm FRACC. B	125,5 kg



25-30 mm	1,5 kg
35-40	
45-50	
100 mm BIGORNIA	3,5 kg
100 mm	3,8 kg
200 mm	7,6 kg
300 mm	11,4 kg
500 mm	19,0 kg
550 mm FRACC.	20,9 kg
1050 mm FRACC.	39,9 kg
1250 mm FRACC.	47,5 kg
2050 mm FRACC.	77,9 kg
2550 mm FRACC.	96,9 kg
3050 mm FRACC.	115,9 kg
4050 mm FRACC.	153,9 kg

1235

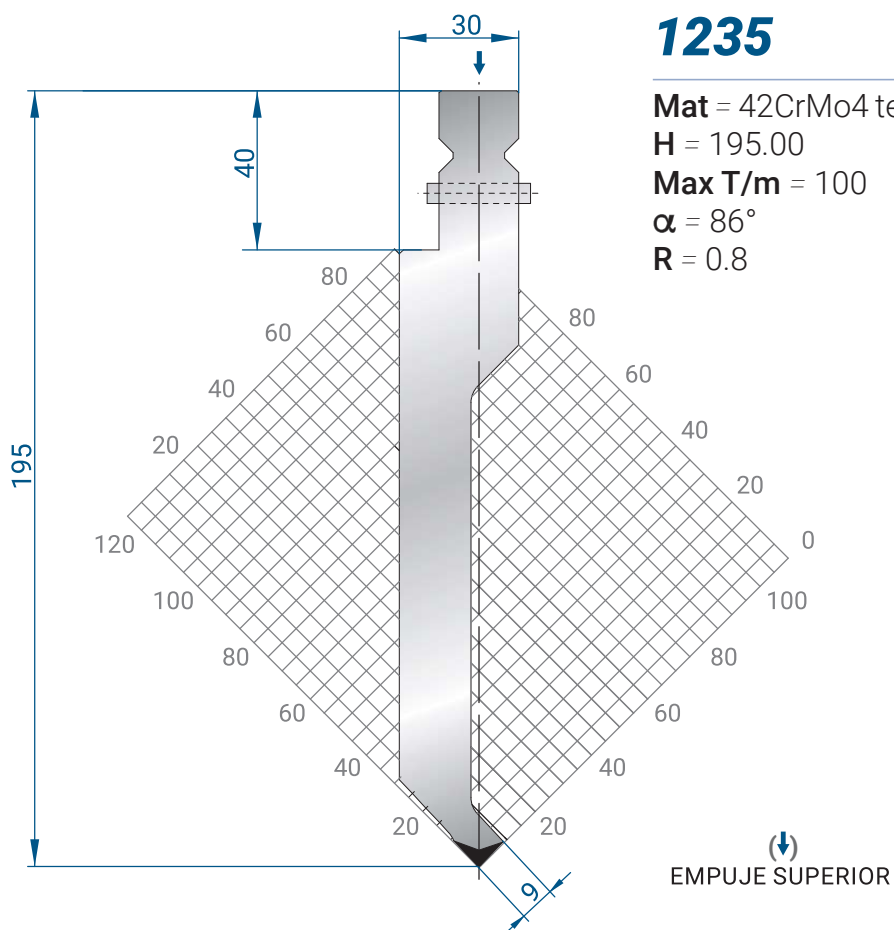
Mat = 42CrMo4 templado

H = 195.00

Max T/m = 100

α = 86°

R = 0.8



25-30 mm	1,2 kg
35-40	
45-50	
100 mm BIGORNIA	2,7 kg
100 mm	3,0 kg
200 mm	6,0 kg
300 mm	9,0 kg
500 mm	15,0 kg
550 mm FRACC.	16,5 kg
1050 mm FRACC. B	31,5 kg
1250 mm FRACC. B	37,5 kg
2050 mm FRACC. B	61,5 kg
2550 mm FRACC. B	76,5 kg
3050 mm FRACC. B	91,5 kg
4050 mm FRACC. B	121,5 kg

1234

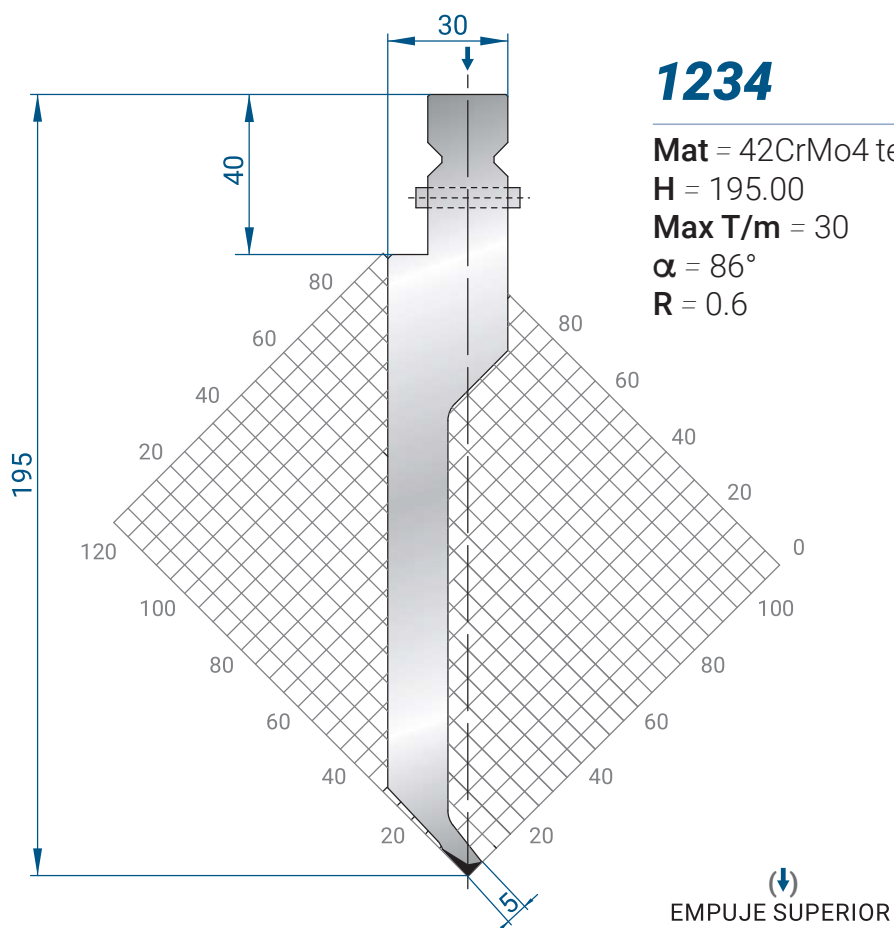
Mat = 42CrMo4 templado

H = 195.00

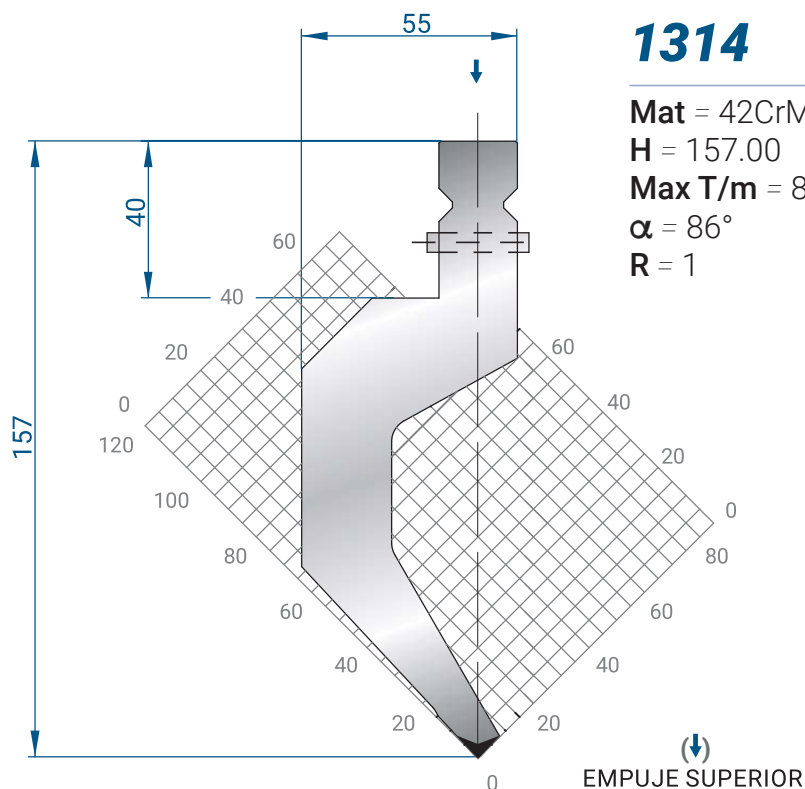
Max T/m = 30

α = 86°

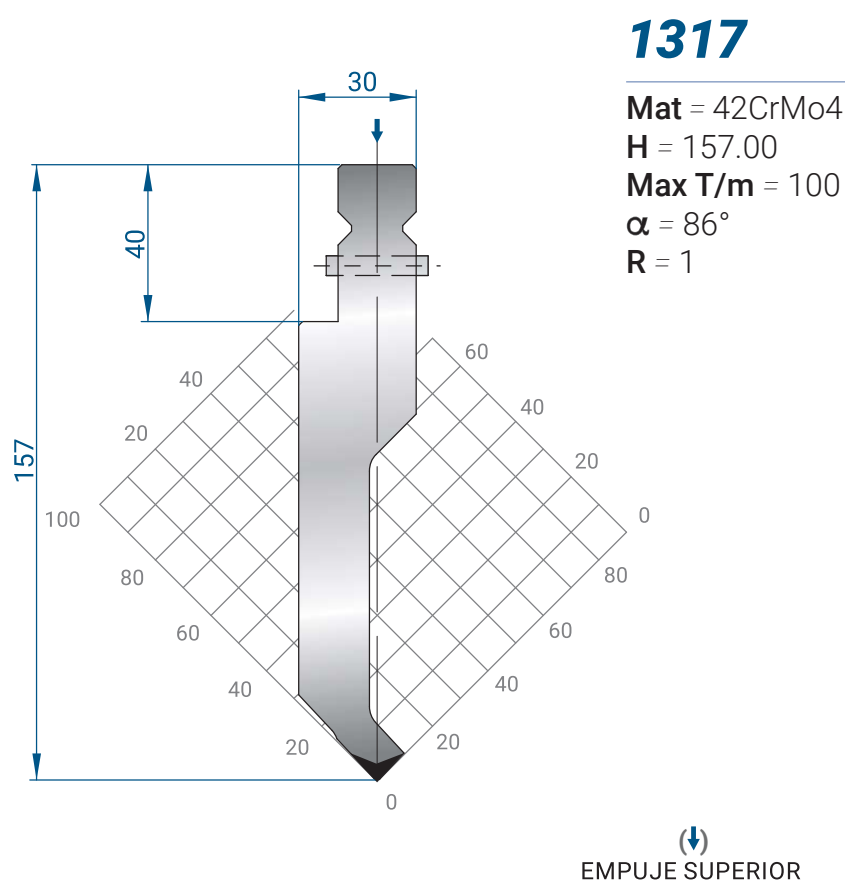
R = 0.6



25-30 mm	1,1 kg
35-40	
45-50	
100 mm BIGORNIA	2,7 kg
100 mm	2,9 kg
200 mm	5,8 kg
300 mm	8,7 kg
500 mm	14,5 kg
550 mm FRACC.	15,9 kg
1050 mm FRACC. B	30,4 kg
1250 mm FRACC.	36,2 kg
2050 mm FRACC. B	59,4 kg
2550 mm FRACC. B	73,9 kg
3050 mm FRACC.	88,4 kg
4050 mm FRACC.	117,4 kg



25-30mm	1,2 kg
35-40	
45-50	
100 mm BIGORNIA	2,5 kg
100 mm	3,0 kg
200 mm	6,0 kg
300 mm	9,0 kg
500 mm	15,0 kg
550 mm FRACC..	16,5 kg
1050 mm FRACC. B	31,5 kg
1250 mm FRAZ.B/SECT.B	37,5 kg
2550 mm FRACC. B	76,5 kg
3050 mm FRACC. B	91,5 kg
4050 mm FRACC. B	121,5 kg



25-30 mm	1,2 kg
35-40	
45-50	
100 mm BIGORNIA	2,8 kg
100 mm	3,1 kg
200 mm	6,2 kg
300 mm	9,3 kg
500 mm	15,4 kg
550 mm FRACC.	17,0 kg
1050 mm FRACC. B	32,5 kg
1250 mm FRACC. B	38,7 kg
2050 mm FRACC. B	63,5 kg
2550 mm FRACC. B	79,0 kg
3050 mm FRACC. B	94,5 kg
4050 mm FRACC. B	125,5 kg

1319

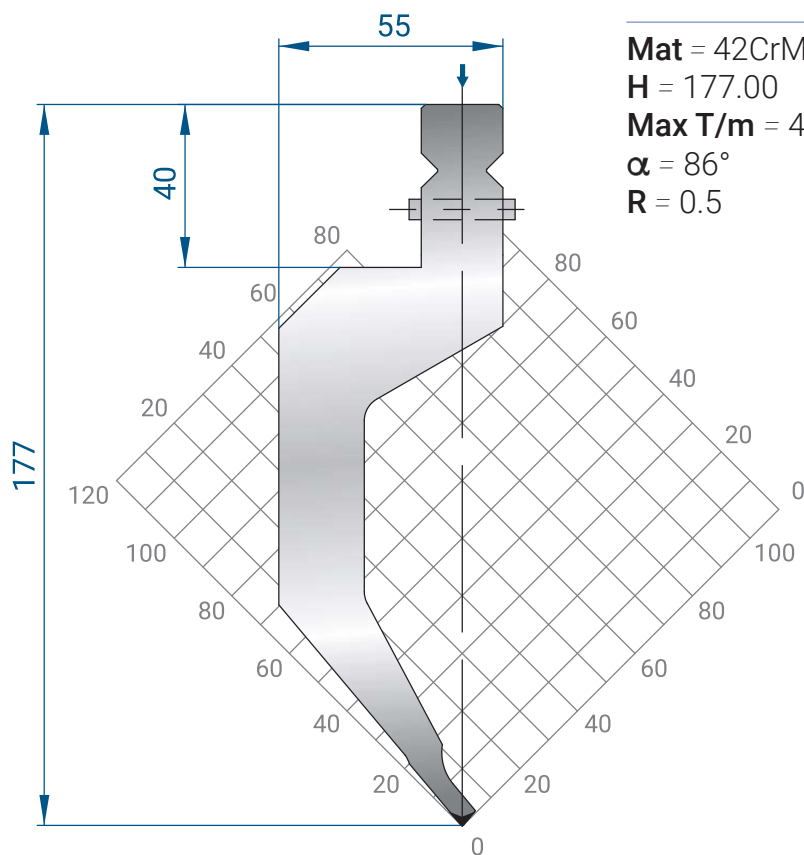
Mat = 42CrMo4 templado

H = 177.00

Max T/m = 40

α = 86°

R = 0.5



25-30 mm	1,2 kg
35-40	
45-50	
100 mm	2,9 kg
BIGORNIA	
100 mm	3,1 kg
200 mm	6,2 kg
300 mm	9,3 kg
500 mm	15,4 kg
550 mm	17,0 kg
FRACC.	
1050 mm	32,5 kg
FRACC.	
1250 mm	38,7 kg
FRACC.	
2050 mm	63,5 kg
FRACC.	
2550 mm	79,0 kg
FRACC.	
3050 mm	94,5 kg
FRACC.	
4050 mm	125,5 kg
FRACC.	

↓
EMPUJE SUPERIOR





1303

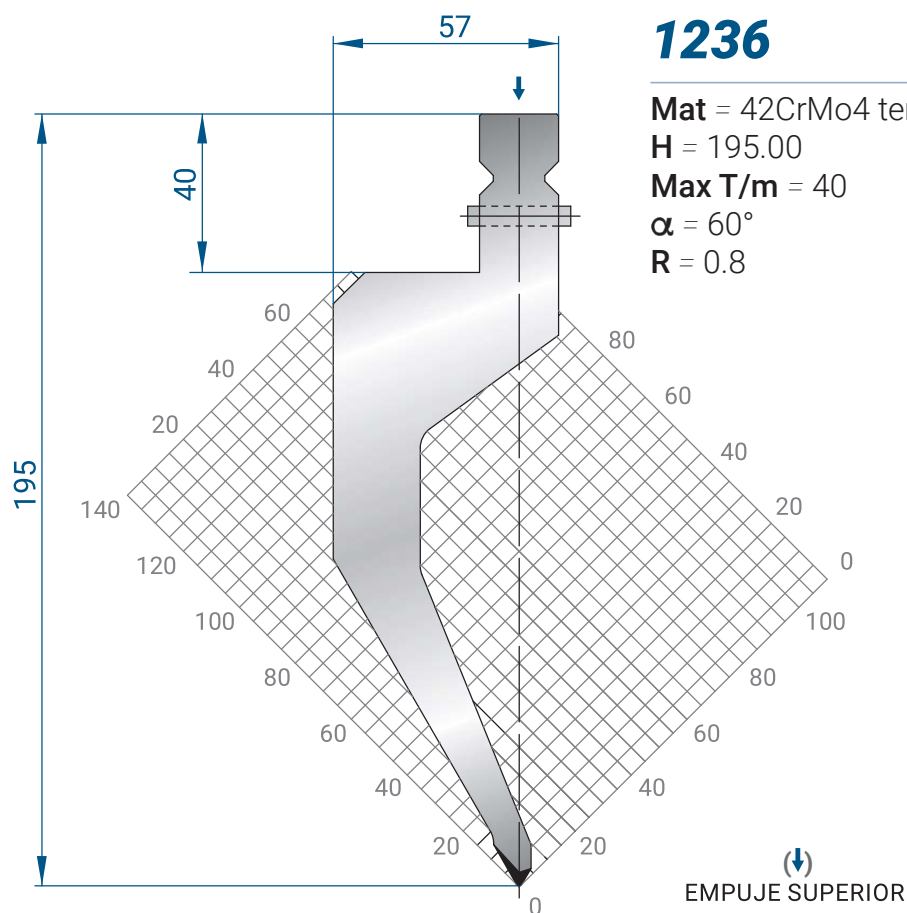
25-30 mm	2,0 kg
35-40	
45-50	
100 mm	4,6 kg
100 mm	5,2 kg
200 mm	10,4 kg
300 mm	15,6 kg
500 mm	26,0 kg
550 mm	28,6 kg
FRACC.	
1050 mm	54,5 kg
FRACC. B	
1250 mm	65,0 kg
FRACC. B	
2050 mm	106,6 kg
FRACC. B	
2550 mm	132,6 kg
FRACC. B	
3050 mm	158,6 kg
FRACC. B	
4050 mm	210,6 kg
FRACC. B	

Mat = 42CrMo4 templado

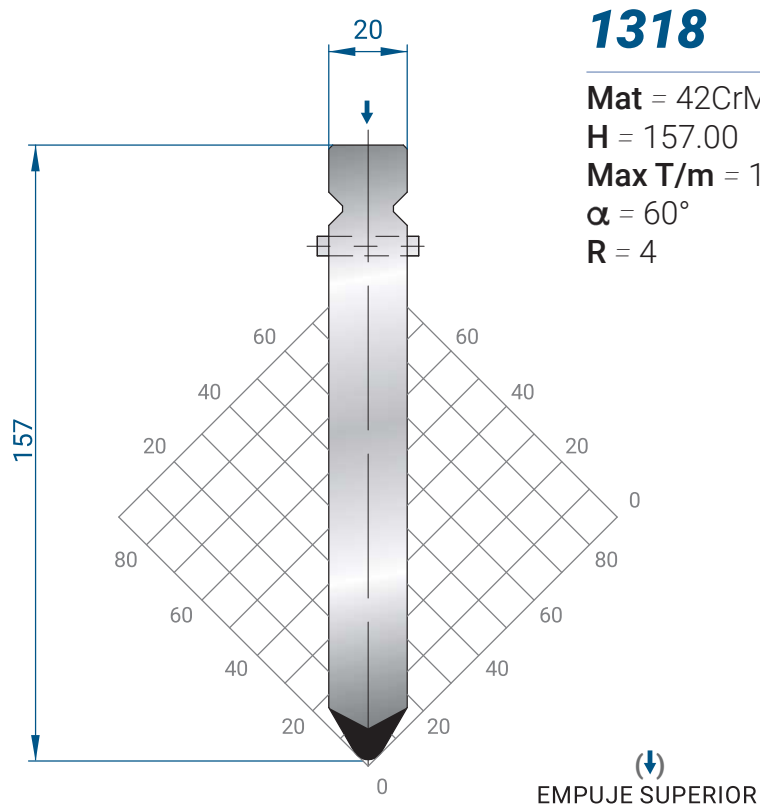
H = 220.00

Max T/m = 250

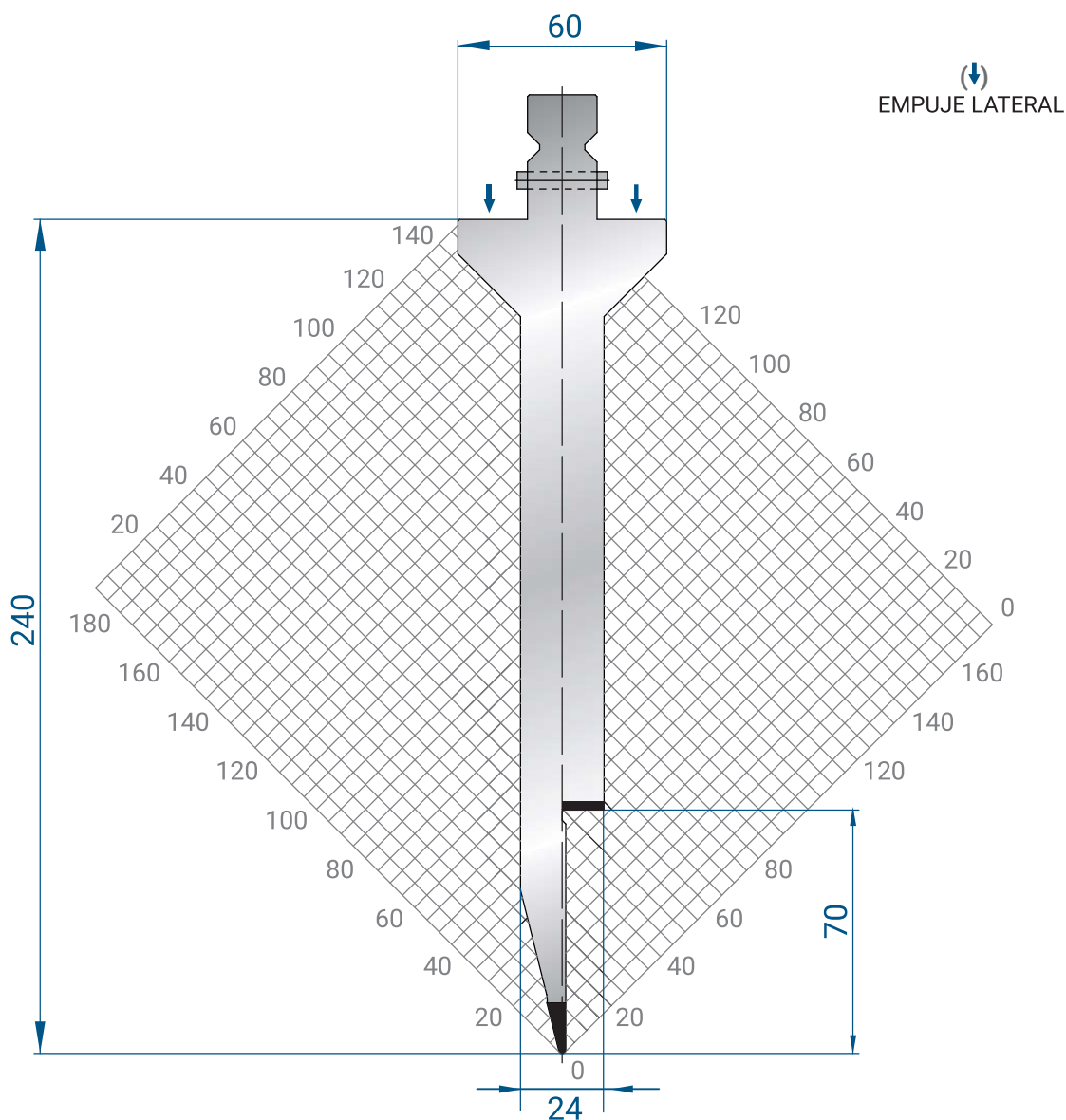
$$\alpha = 60^\circ$$
$$R = 4$$



25-35 mm	1,4 kg
35-40	
45-50	
100 mm	3,0 kg
BIGORNIA	
100 mm	3,5 kg
200 mm	7,0 kg
300 mm	10,5 kg
500 mm	17,5 kg
550 mm	19,2 kg
FRACC.	
1050 mm	36,7 kg
FRACC. B	
1250 mm	43,7 kg
FRACC. B	
2050 mm	71,7 kg
FRACC. B	
2550 mm	89,2 kg
FRACC. B	
3050 mm	106,7 kg
FRACC. B	
4050 mm	104,7 kg
FRACC. B	



25-30 mm	1,0 kg
35-40	
45-50	
100 mm	2,5 kg
BIGORNIA	
100 mm	2,7 kg
200 mm	5,4 kg
300 mm	8,1 kg
500 mm	13,5 kg
550 mm	14,9 kg
FRACC.	
1050 mm	28,3 kg
FRACC. B	
1250 mm	33,7 kg
FRACC. B	
2050 mm	55,3 kg
FRACC. B	
2550 mm	68,8 kg
FRACC. B	
3050 mm	82,3 kg
FRACC. B	
4050 mm	109,3 kg
FRACC. B	



1295

25-30 mm	1,9 kg
35-40	
45-50	
100 mm	4,0 kg
100 mm	4,8 kg
200 mm	9,5 kg
300 mm	14,3 kg
500 mm	23,8 kg
550 mm	23,8 kg
FRACC.	
1050 mm	50,4 kg
FRACC. B	
1250 mm	60,0 kg
FRACC. B	
2050 mm	98,4 kg
FRACC. B	
2550 mm	122,4 kg
FRACC. B	
3050 mm	146,4 kg
FRACC. B	
4050 mm	194,4 kg
FRACC. B	

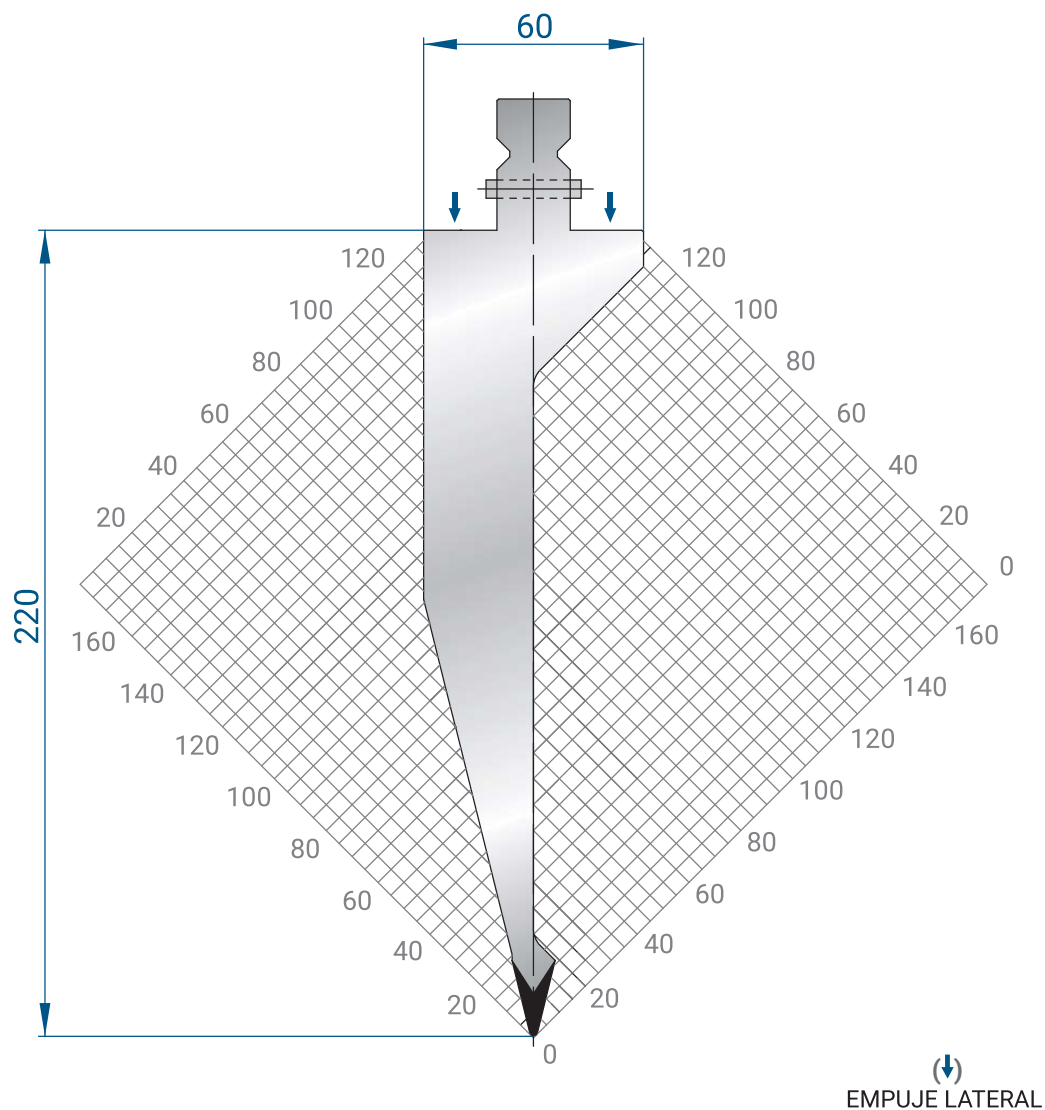
Mat = 42CrMo4 templado

H = 240.00

Max T/m = 40

α = 28°

R = 1



1302

25-30 mm	2,0 kg
35-40	
45-50	
100 mm BIGORNIA	4,5 kg
100 mm	5,0 kg
200 mm	10,0 kg
300 mm	15,0 kg
500 mm	25,0 kg
550 mm FRACC.	27,5 kg
1050 mm FRACC. B	52,5 kg
1250 mm FRACC. B	62,5 kg
2050 mm FRACC. B	102,5 kg
2550 mm FRACC. B	127,5 kg
3050 mm FRACC. B	152,5 kg
4050 mm FRACC. B	202,5 kg

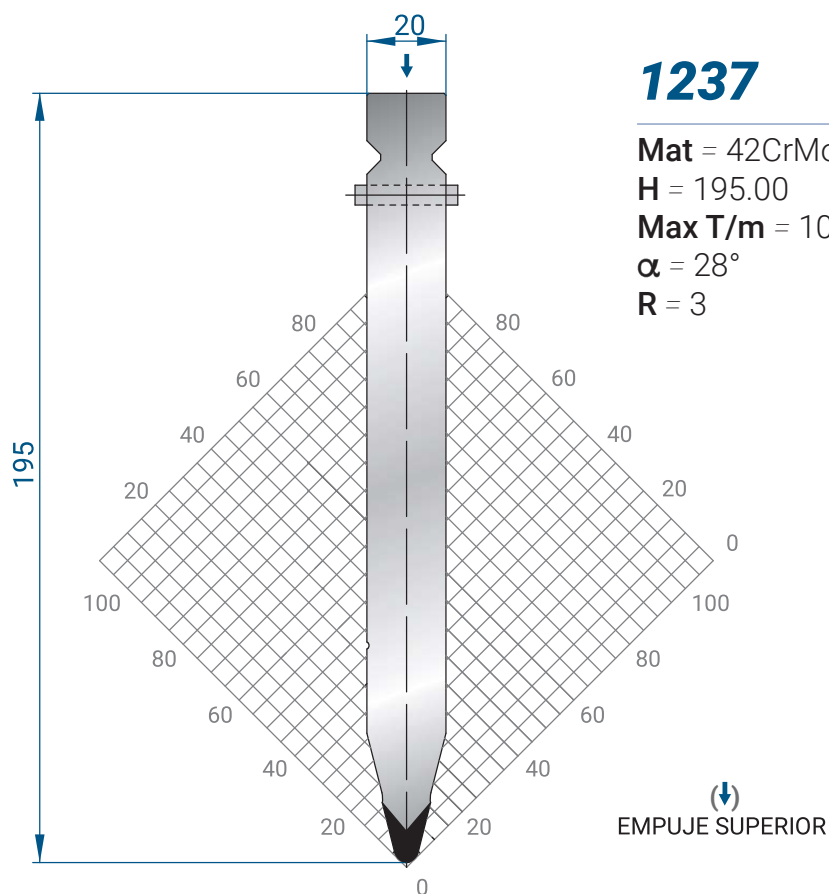
Mat = 42CrMo4 templado

H = 220.00

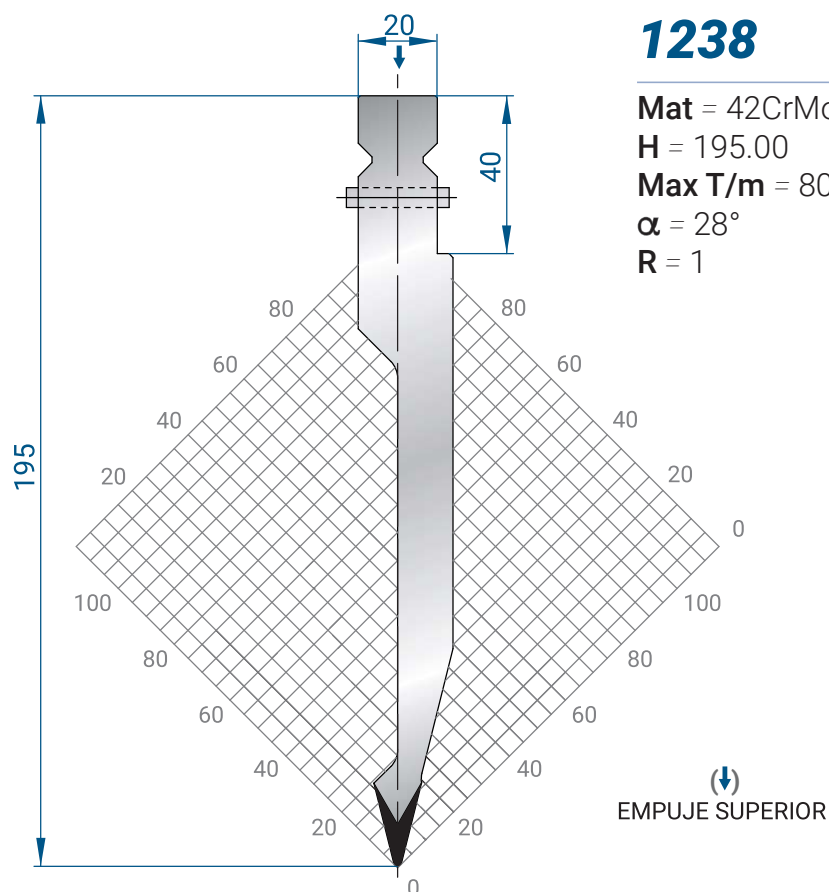
Max T/m = 80

α = 28°

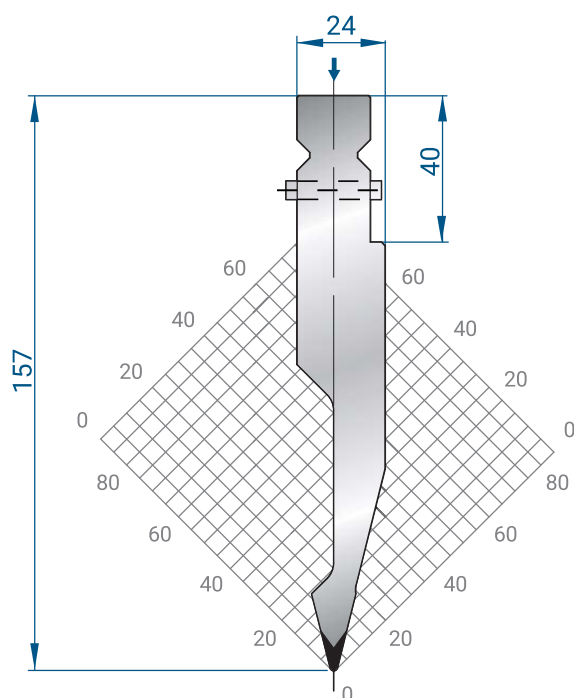
R = 1



25-30 mm	1,4 kg
35-40	
45-50	
100 mm BIGORNIA	2,0 kg
100 mm	2,8 kg
200 mm	5,7 kg
300 mm	8,5 kg
500 mm	14,1 kg
550 mm FRACC.	13,9 kg
1050 mm FRACC.	28,1 kg
1250 mm FRACC.	33,8 kg
2050 mm FRACC.	56,3 kg
2550 mm FRACC.	70,4 kg
3050 mm FRACC.	84,5 kg
4050 mm FRACC.	112,7 kg



25-30 mm	0,9 kg
35-40	
45-50	
100 mm BIGORNIA	1,9 kg
100 mm	2,3 kg
200 mm	4,6 kg
300 mm	6,9 kg
500 mm	11,5 kg
550 mm FRACC.	12,6 kg
1050 mm FRACC.	24,1 kg
1250 mm FRACC.	28,7 kg
2050 mm FRACC.	47,1 kg
2550 mm FRACC.	58,6 kg
3050 mm FRACC.	70,0 kg
4050 mm FRACC.	93,0 kg



1313

Mat = 42CrMo4 templado

H = 157.00

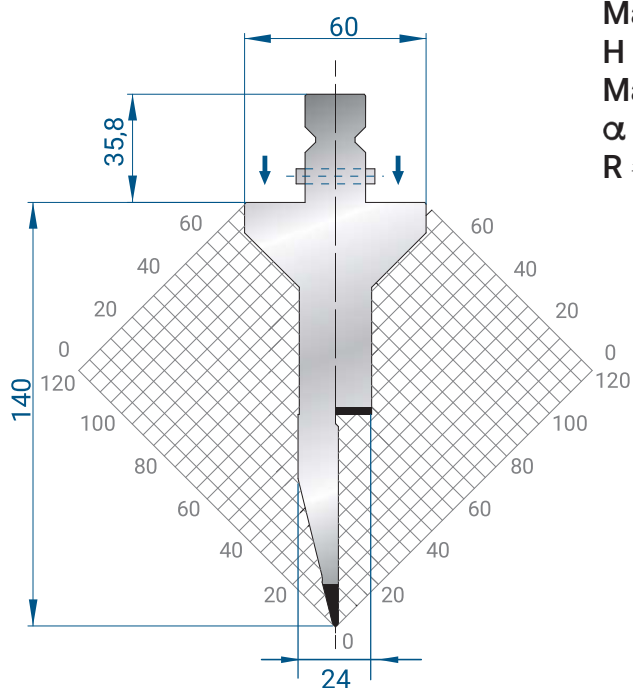
Max T/m = 80

α = 28°

R = 1

(↓)
EMPUJE SUPERIOR

25-30 mm	0,8 kg
35-40	
45-50	
100 mm BIGORNIA	1,8 kg
100 mm	2,0 kg
200 mm	4,0 kg
300 mm	6,0 kg
500 mm	10,0 kg
550 mm FRACC.	11,0 kg
1050 mm FRACC.	21,0 kg
1250 mm FRACC.	25,0 kg
2050 mm FRACC.	41,0 kg
2550 mm FRACC.	51,0 kg
3050 mm FRACC.	61,0 kg
4050 mm FRACC.	81,0 kg



1308

Mat = 42CrMo4 templado

H = 140.00

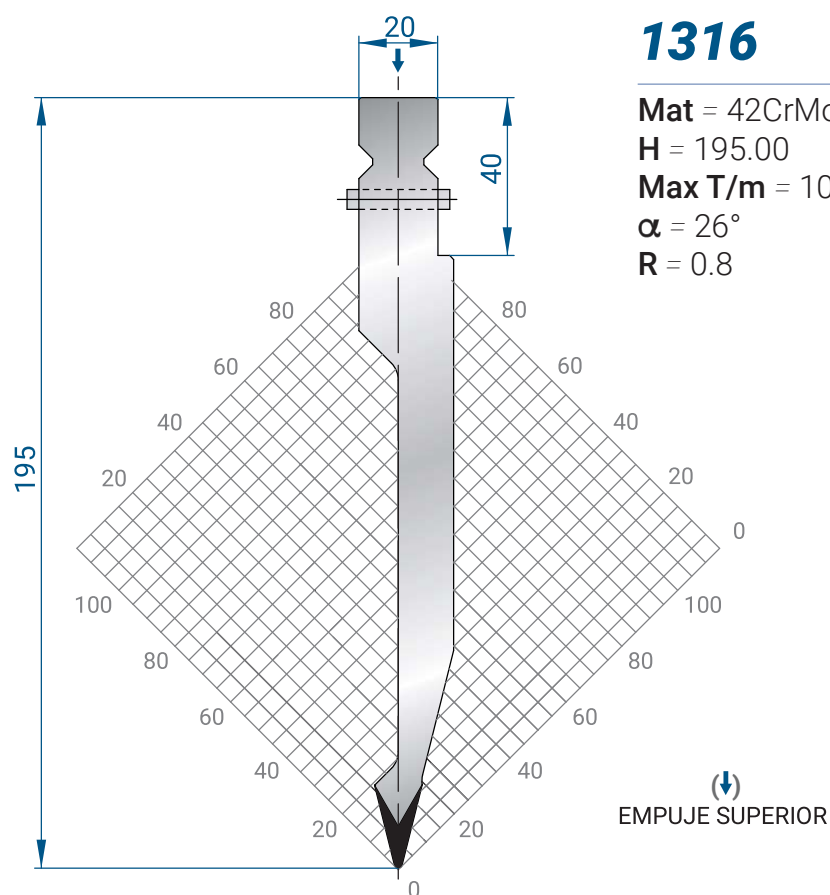
Max T/m = 40

α = 28°

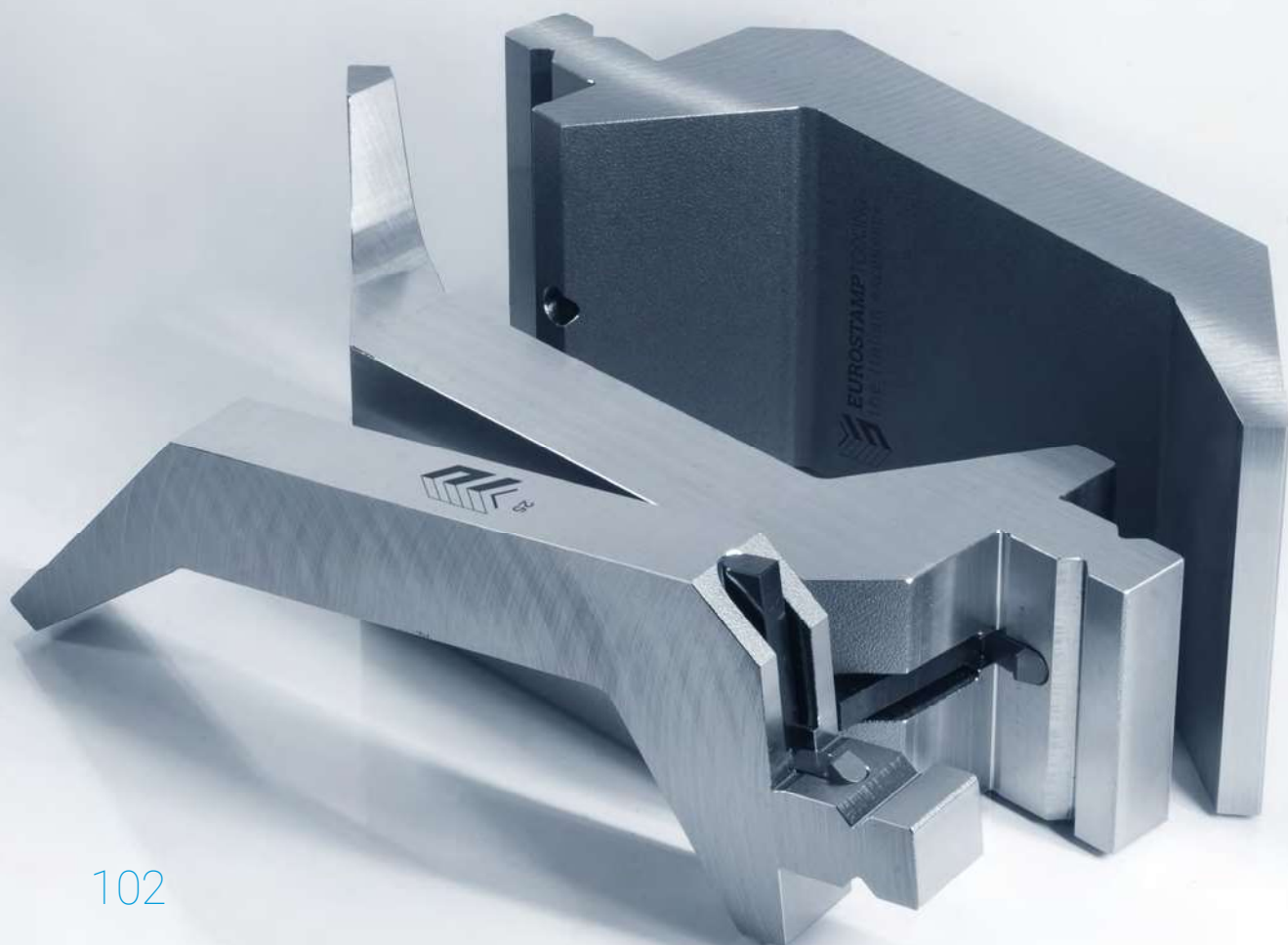
R = 1

(↓)
EMPUJE SUPERIOR

25-30 mm	1,1 kg
35-40	
45-50	
100 mm BIGORNIA	2,7 kg
100 mm	2,9 kg
200 mm	5,8 kg
300 mm	8,7 kg
500 mm	14,5 kg
550 mm FRACC.	15,9 kg
1050 mm FRACC.	30,4 kg
1250 mm FRACC.	36,2 kg
2050 mm FRACC.	59,4 kg
2550 mm FRACC.	73,4 kg
3050 mm FRACC.	88,4 kg
4050 mm FRACC.	117,4 kg

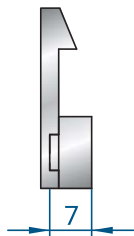


25-30 mm	1,0 kg
35-40	
45-50	
100 mm BIGORNIA	2,5 kg
100 mm	2,7 kg
200 mm	5,4 kg
300 mm	8,1 kg
500 mm	13,5 kg
550 mm FRACC.	14,9 kg
1050 mm FRACC.	28,3 kg
1250 mm FRACC.	33,7 kg
2050 mm FRACC.	55,3 kg
2550 mm FRACC.	68,8 kg
3050 mm FRACC.	82,3 kg
4050 mm FRACC.	109,3 kg



8210

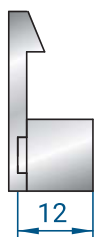
FRESADO PARA EL BOTÓN
DE SEGURIDAD



8211

CÓDIGOS

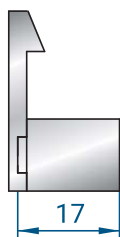
1237-1240-
1316-1318



8218

CÓDIGOS

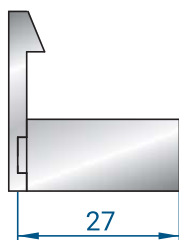
1238-1249-
1250-1251-
1313



8212

CÓDIGOS

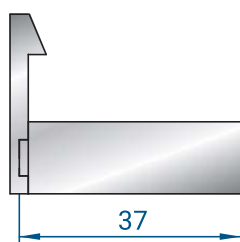
1234-1235-
1317-4191



8213

CÓDIGOS

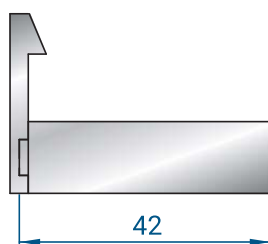
1295-1302-
1303-1308-
4361



8214

CÓDIGOS

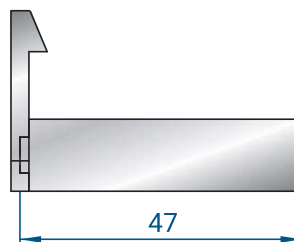
1233-1314-1319



8215

CÓDIGOS

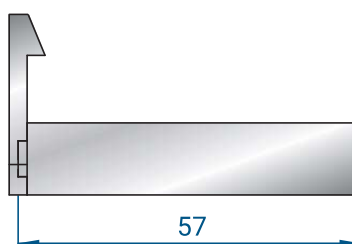
1236



8216

CÓDIGOS

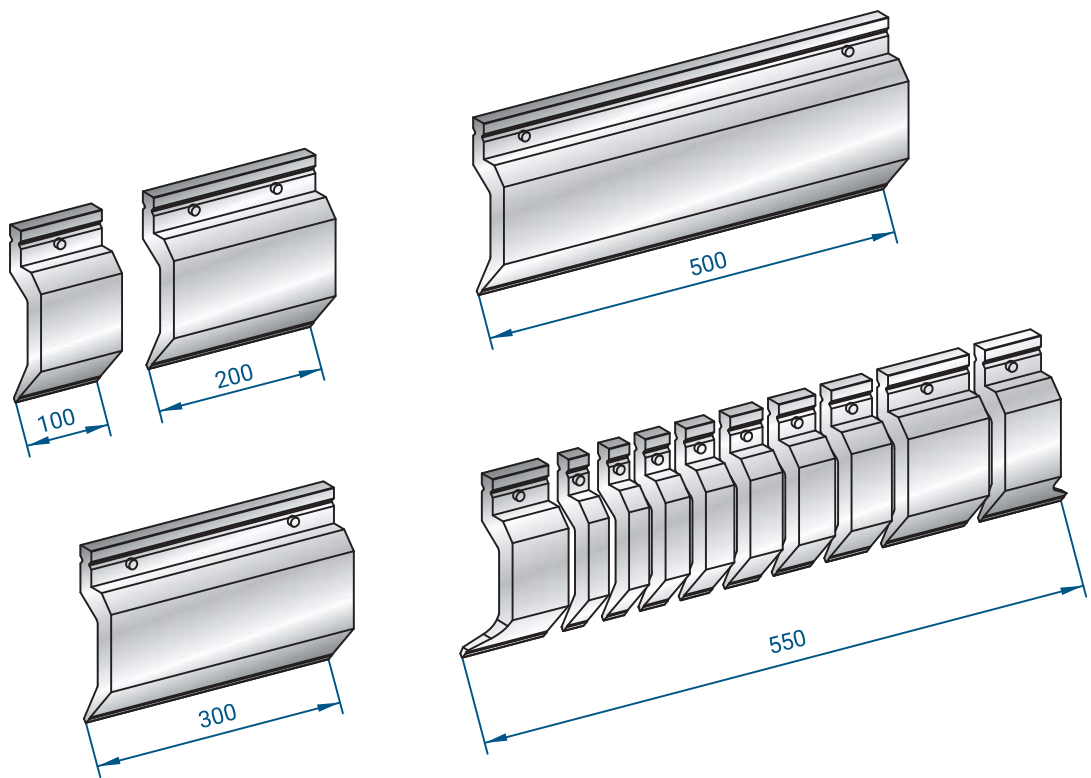
1294-1320



8219

CÓDIGOS

1315





EUROSTAMP TOOLING
the Italian excellence

3244

A 84°
R 1.6
H 100

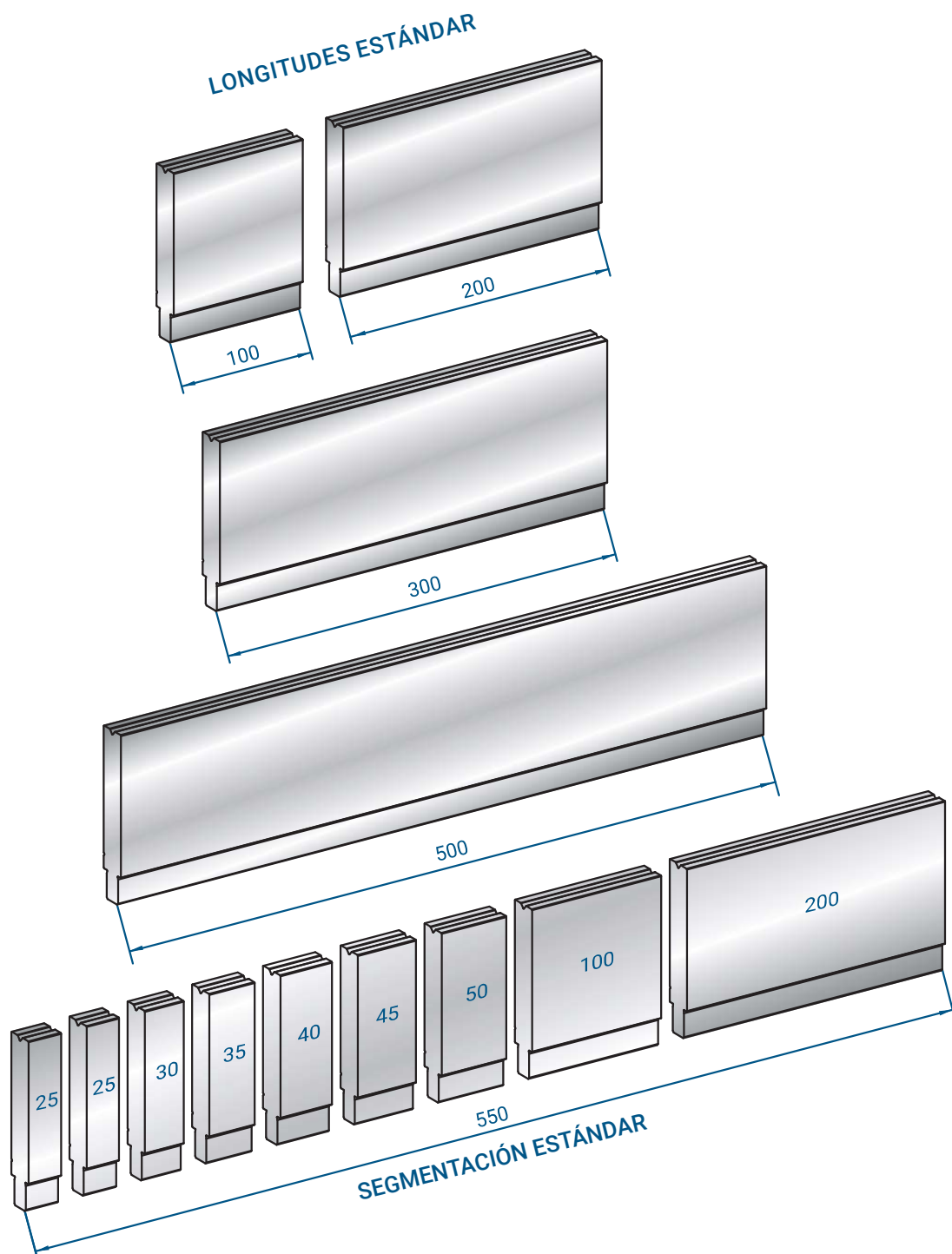
V 14
L 200
90 T/m

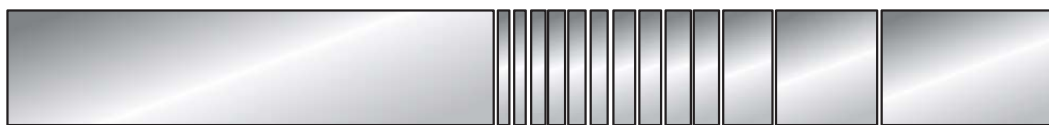
25



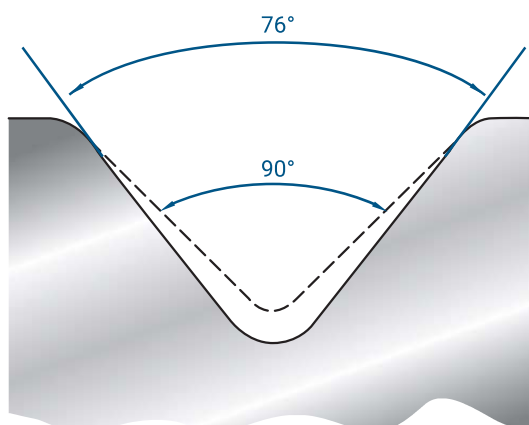
40



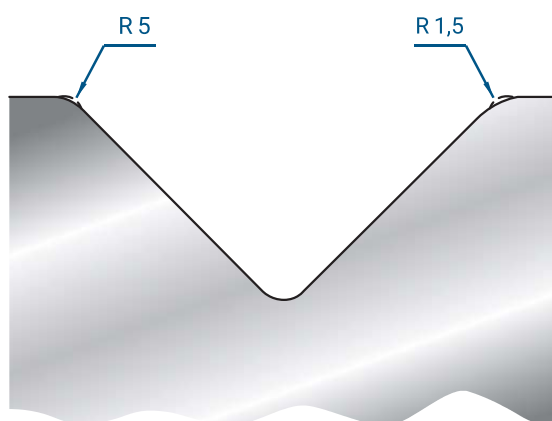




SEGMENTACIÓN ESPECIAL



MODIFICACIÓN DEL ÁNGULO



MODIFICACIÓN DEL RADIO

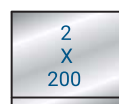
SEGMENTACIÓN PARA
MODELOS DE MATRIZ

3135 - 3222
3223 - 3224

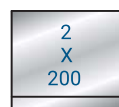
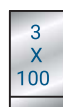
550



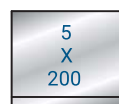
1050



1250



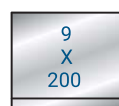
2050



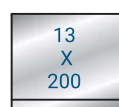
2550



3050

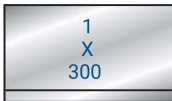
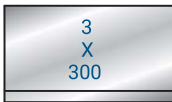
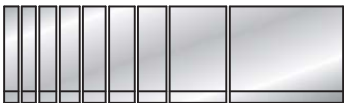
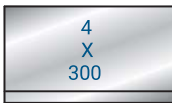
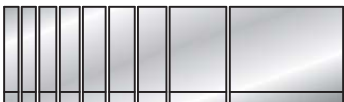
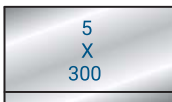
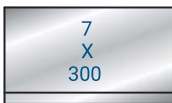


4050

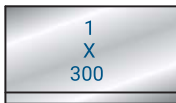
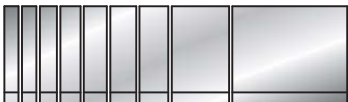
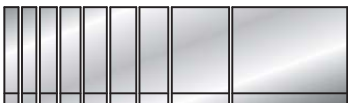
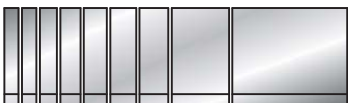
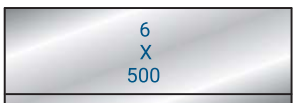


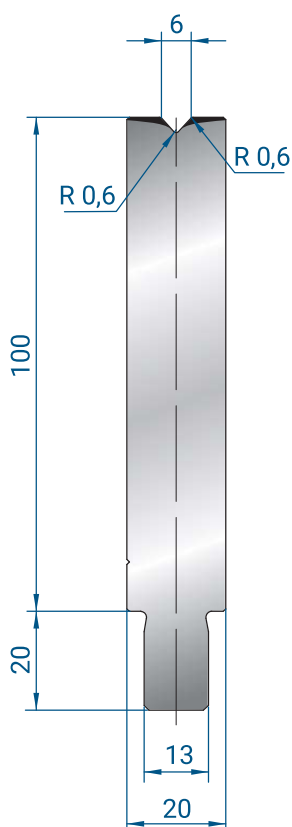
SEGMENTACIÓN PARA
MODELOS DE MATRIZ

**3218 - 3219 - 3220 -
3221 - 3132 - 3133 - 3134**

550				
1050				
1250				
2050				
2550				
3050				
4050				

SEGMENTACIÓN PARA OTROS
MODELOS DE MATRIZ

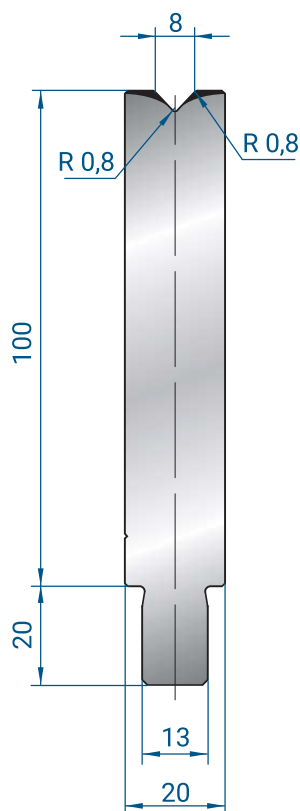
550				
1050				
1250				
2050				
2550				
3050				
4050				



3200

Mat = 42CrMo4
templado
Max T/m = 100
α = 86°

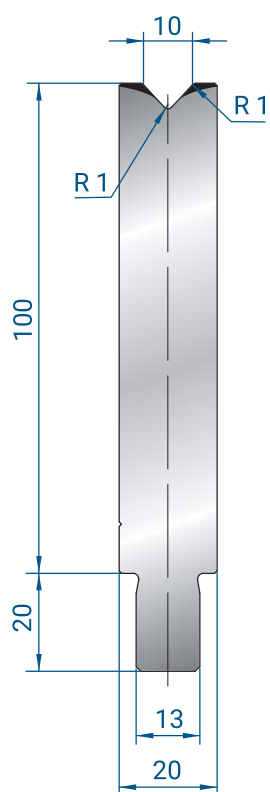
25-30 mm	0,6 kg
35-40	
45-50	
100 mm	1,8 kg
200 mm	3,6 kg
300 mm	5,4 kg
500 mm	8,7 kg
550 mm	9,6 kg
FRACC.	
1050 mm	18,9 kg
FRACC.	
1250 mm	22,5 kg
FRACC.	
2050 mm	36,9 kg
FRACC.	
2550 mm	45,9 kg
FRACC.	
3050 mm	54,9 kg
FRACC.	
4050 mm	72,9 kg
FRACC.	



3201

Mat = 42CrMo4
templado
Max T/m = 100
α = 86°

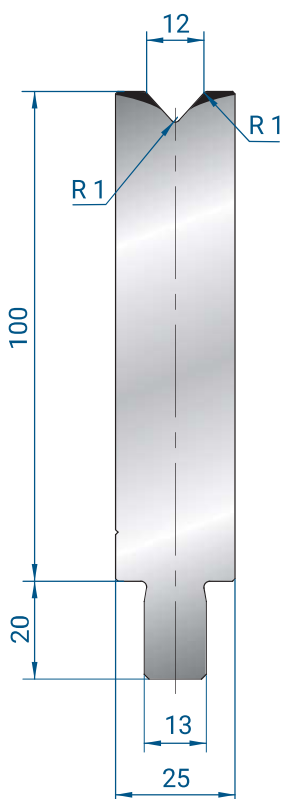
25-30 mm	0,6 kg
35-40	
45-50	
100 mm	1,8 kg
200 mm	3,6 kg
300 mm	5,4 kg
500 mm	8,7 kg
550 mm	9,6 kg
FRACC.	
1050 mm	18,9 kg
FRACC.	
1250 mm	22,5 kg
FRACC.	
2050 mm	36,9 kg
FRACC.	
2550 mm	45,9 kg
FRACC.	
3050 mm	54,9 kg
FRACC.	
4050 mm	72,9 kg
FRACC.	



3202

Mat = 42CrMo4
templado
Max T/m = 100
α = 86°

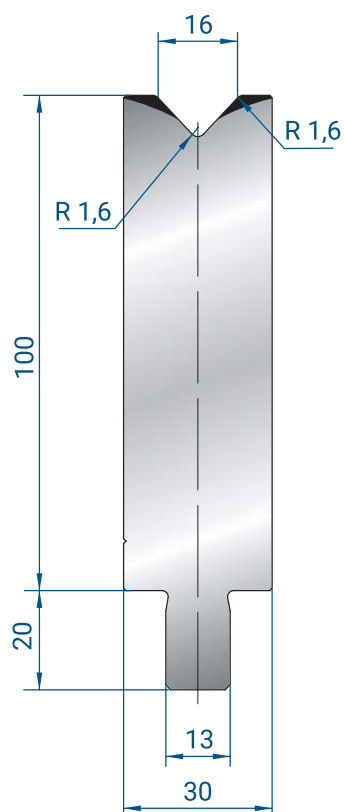
25-30 mm	0,6 kg
35-40	
45-50	
100 mm	1,8 kg
200 mm	3,6 kg
300 mm	5,4 kg
500 mm	8,7 kg
550 mm	9,6 kg
FRACC.	
1050 mm	18,9 kg
FRACC.	
1250 mm	22,5 kg
FRACC.	
2050 mm	36,9 kg
FRACC.	
2550 mm	45,9 kg
FRACC.	
3050 mm	54,9 kg
FRACC.	
4050 mm	72,9 kg
FRACC.	



3203

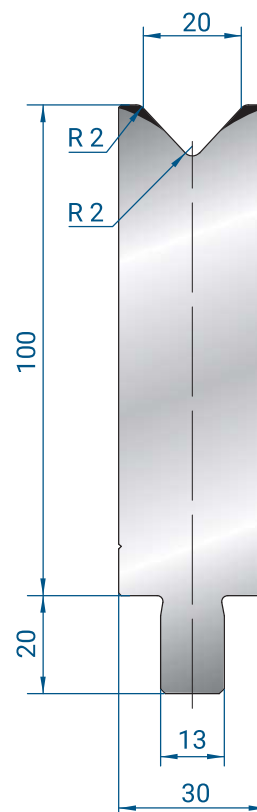
Mat = 42CrMo4
templado
Max T/m = 100
α = 86°

25-30 mm	0,8 kg
35-40	
45-50	
100 mm	2,0 kg
200 mm	4,1 kg
300 mm	6,2 kg
500 mm	10,2 kg
550 mm	11,3kg
FRACC.	
1050 mm	21,0 kg
FRACC.	
1250 mm	25,0 kg
FRACC.	
2050 mm	41,0 kg
FRACC.	
2550 mm	51,0 kg
FRACC.	
3050 mm	61,0 kg
FRACC.	
4050 mm	81,0 kg
FRACC.	

**3204**

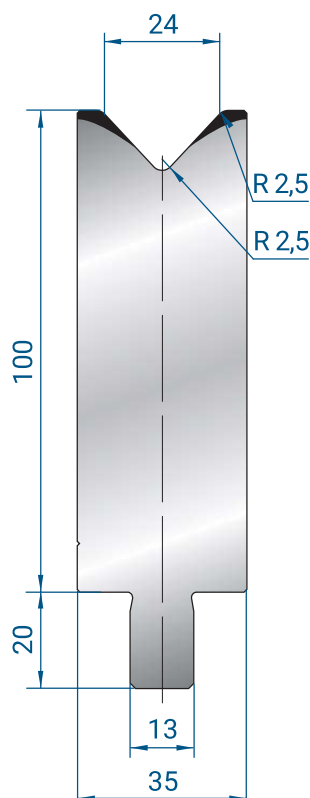
Mat = 42CrMo4
templado
Max T/m = 100
 $\alpha = 86^\circ$

25-30 mm	1,0 kg
35-40	
45-50	
100 mm	2,5 kg
200 mm	5,0 kg
300 mm	7,5 kg
500 mm	12,5 kg
550 mm FRACC.	13,8 kg
1050 mm FRACC.	26,2 kg
1250 mm FRACC.	31,2 kg
2050 mm FRACC.	51,2 kg
2550 mm FRACC.	63,7 kg
3050 mm FRACC.	76,2 kg
4050 mm FRACC.	101,2 kg

**3205**

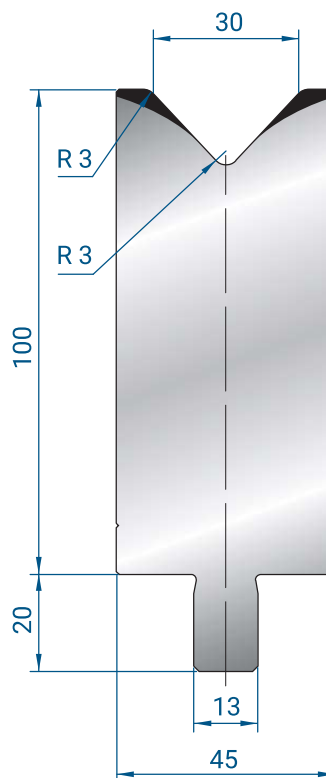
Mat = 42CrMo4
templado
Max T/m = 100
 $\alpha = 86^\circ$

25-30 mm	1,0 kg
35-40	
45-50	
100 mm	2,5 kg
200 mm	5,0 kg
300 mm	7,5 kg
500 mm	12,5 kg
550 mm FRACC.	13,8 kg
1050 mm FRACC.	26,2 kg
1250 mm FRACC.	31,2 kg
2050 mm FRACC.	51,2 kg
2550 mm FRACC.	63,7 kg
3050 mm FRACC.	76,2 kg
4050 mm FRACC.	101,2kg

**3215**

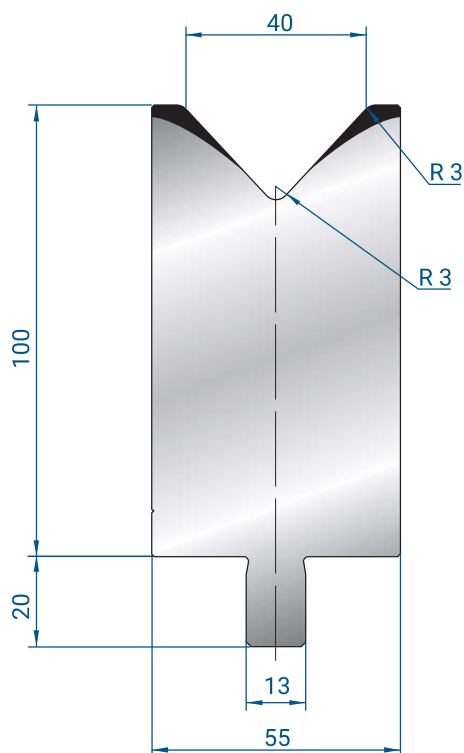
Mat = 42CrMo4
templado
Max T/m = 100
 $\alpha = 86^\circ$

25-30 mm	1,1 kg
35-40	
45-50	
100 mm	2,8 kg
200 mm	5,6 kg
300 mm	8,4 kg
500 mm	14,0 kg
550 mm FRACC.	15,4 kg
1050 mm FRACC.	29,4 kg
1250 mm FRACC.	35,0 kg
2050 mm FRACC.	57,4 kg
2550 mm FRACC.	71,4 kg
3050 mm FRACC.	85,4 kg
4050 mm FRACC.	113,4 kg

**3216**

Mat = 42CrMo4
templado
Max T/m = 100
 $\alpha = 86^\circ$

25-30 mm	1,4 kg
35-40	
45-50	
100 mm	3,5 kg
200 mm	7,0 kg
300 mm	10,5 kg
500 mm	17,5 kg
550 mm FRACC.	19,3 kg
1050 mm FRACC.	36,7 kg
1250 mm FRACC.	43,7 kg
2050 mm FRACC.	71,7 kg
2550 mm FRACC.	89,2 kg
3050 mm FRACC.	106,7 kg
4050 mm FRACC.	141,7 kg

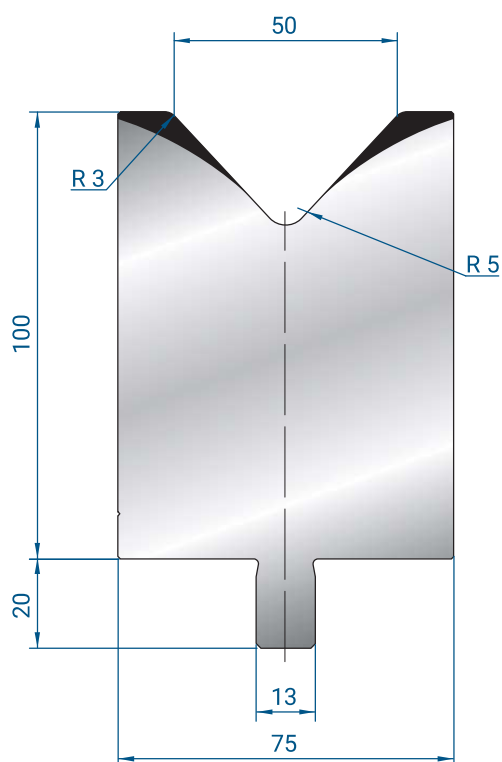
**3217**

Mat = 42CrMo4
templado

Max T/m = 120

α = 86°

25-30 mm	1,6 kg
35-40	
45-50	
100 mm	4,0 kg
200 mm	8,0 kg
300 mm	12,0 kg
500 mm	20,0 kg
550 mm FRACC.	22,0 kg
1050 mm FRACC.	42,0 kg
1250 mm FRACC.	50,0 kg
2050 mm FRACC.	82,0 kg
2550 mm FRACC.	102,0 kg
3050 mm FRACC.	122,0 kg
4050 mm FRACC.	162,0 kg

**3218**

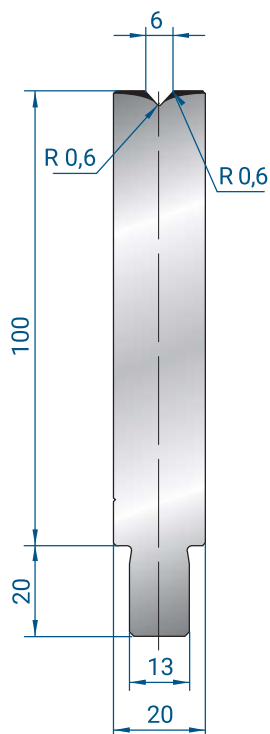
Mat = 42CrMo4
templado

Max T/m = 150

α = 86°

25-30 mm	2,2 kg
35-40	
45-50	
100 mm	5,5 kg
200 mm	11,0 kg
300 mm	16,5 kg
500 mm	27,5 kg
550 mm FRACC.	30,3 kg
1050 mm FRACC.	57,7 kg
1250 mm FRACC.	68,7 kg
2050 mm FRACC.	112,7 kg
2550 mm FRACC.	140,2 kg
3050 mm FRACC.	167,7 kg
4050 mm FRACC.	222,7 kg

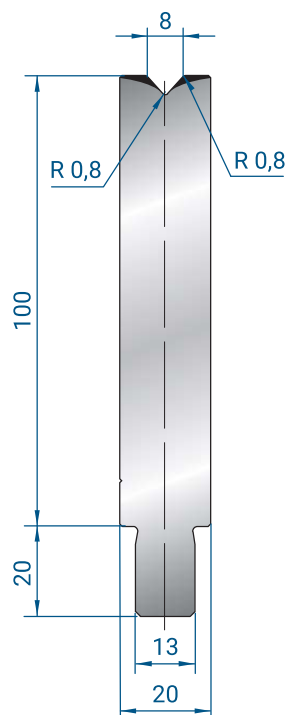
3225



Mat = 42CrMo4
templado
Max T/m = 100
 $\alpha = 84^\circ$

25-30 mm	0,6 kg
35-40	
45-50	
100 mm	1,8 kg
200 mm	3,6 kg
300 mm	5,4 kg
500 mm	8,7 kg
550 mm	9,6 kg
FRACC.	
1050 mm	18,9 kg
FRACC.	
1250 mm	22,5 kg
FRACC.	
2050 mm	36,9 kg
FRACC.	
2550 mm	45,9 kg
FRACC.	
3050 mm	54,9 kg
FRACC.	
4050 mm	72,9 kg
FRACC.	

3226

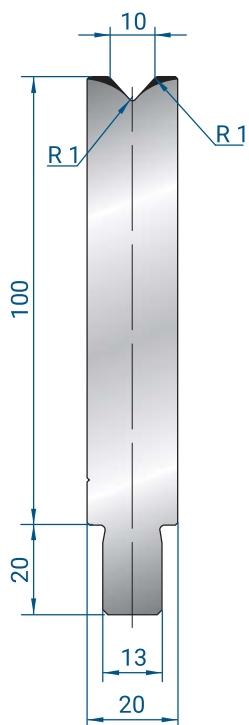


Mat = 42CrMo4
templado
Max T/m = 100
 $\alpha = 84^\circ$

25-30 mm	0,6 kg
35-40	
45-50	
100 mm	1,8 kg
200 mm	3,6 kg
300 mm	5,4 kg
500 mm	8,7 kg
550 mm	9,6 kg
FRACC.	
1050 mm	18,9 kg
FRACC.	
1250 mm	22,5 kg
FRACC.	
2050 mm	36,9 kg
FRACC.	
2550 mm	45,9 kg
FRACC.	
3050 mm	54,9 kg
FRACC.	
4050 mm	72,9 kg
FRACC.	



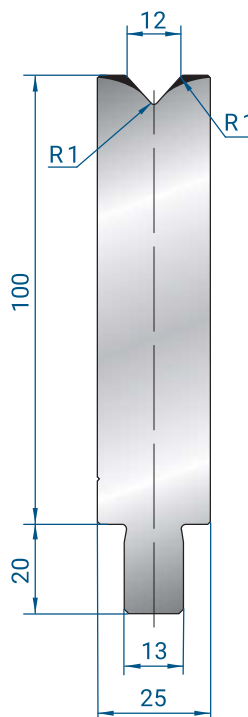
3227



Mat = 42CrMo4
templado
Max T/m = 100
 $\alpha = 84^\circ$

25-30 mm	0,6 kg
35-40	
45-50	
100 mm	1,8 kg
200 mm	3,6 kg
300 mm	5,4 kg
500 mm	8,7 kg
550 mm FRACC.	9,6 kg
1050 mm FRACC.	18,9 kg
1250 mm FRACC.	22,5 kg
2050 mm FRACC.	36,9 kg
2550 mm FRACC.	45,9 kg
3050 mm FRACC.	54,9 kg
4050 mm FRACC.	72,9 kg

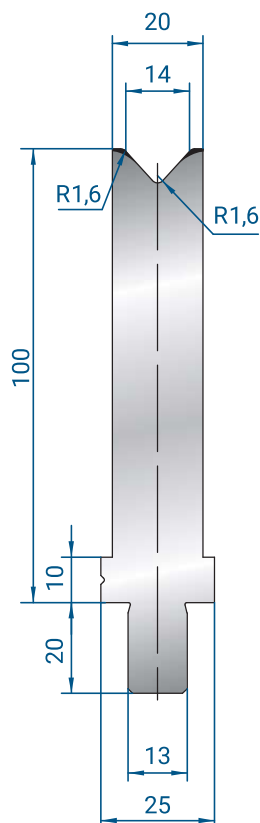
3228



Mat = 42CrMo4
templado
Max T/m = 100
 $\alpha = 84^\circ$

25-30 mm	0,8 kg
35-40	
45-50	
100 mm	2,0 kg
200 mm	4,1 kg
300 mm	6,2 kg
500 mm	10,2 kg
550 mm FRACC.	11,3kg
1050 mm FRACC.	21,0 kg
1250 mm FRACC.	25,0 kg
2050 mm FRACC.	41,0 kg
2550 mm FRACC.	51,0 kg
3050 mm FRACC.	61,0 kg
4050 mm FRACC.	81,0 kg

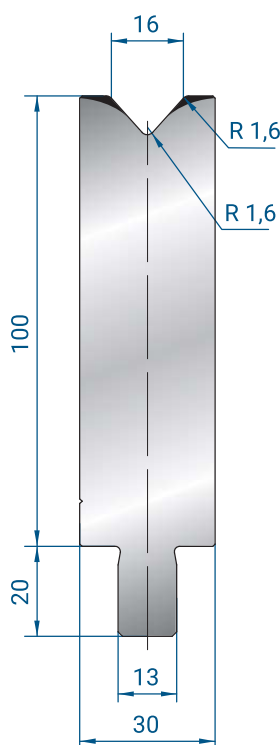
3244



Mat = 42CrMo4
templado
Max T/m = 90
 $\alpha = 84^\circ$

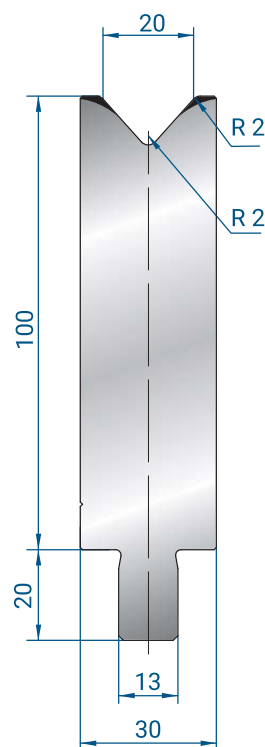
25-30 mm	0,6 kg
35-40	
45-50	
100 mm	1,8 kg
200 mm	3,5 kg
300 mm	5,3 kg
500 mm	8,8 kg
550 mm FRACC.	9,7 kg
1050 mm FRACC.	17,6 kg
1250 mm FRACC.	21,1 kg
2050 mm FRACC.	35,2 kg
2550 mm FRACC.	35,2 kg
3050 mm FRACC.	52,8 kg
4050 mm FRACC.	70,4 kg

3229



Mat = 42CrMo4
templado
Max T/m = 100
 $\alpha = 84^\circ$

25-30 mm	1,0 kg
35-40	
45-50	
100 mm	2,5 kg
200 mm	5,0 kg
300 mm	7,5 kg
500 mm	12,5 kg
550 mm FRACC.	13,8 kg
1050 mm FRACC.	26,2 kg
1250 mm FRACC.	31,2 kg
2050 mm FRACC.	51,2 kg
2550 mm FRACC.	63,7 kg
3050 mm FRACC.	76,2 kg
4050 mm FRACC.	101,2 kg

**3230**

Mat = 42CrMo4
templado

Max T/m = 100

α = 84°

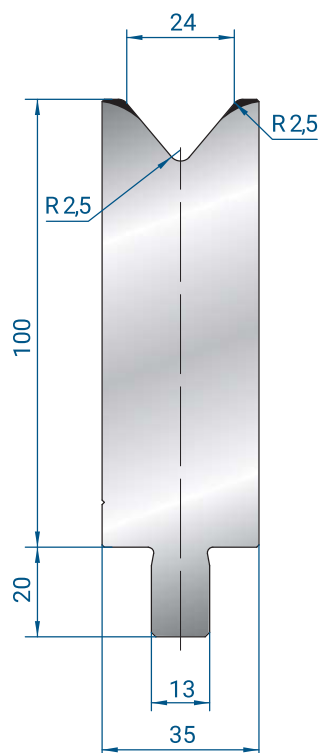
25-30 mm	1,0 kg
35-40	
45-50	
100 mm	2,5 kg
200 mm	5,0 kg
300 mm	7,5 kg
500 mm	12,5 kg
550 mm FRACC.	13,8 kg
1050 mm FRACC.	26,2 kg
1250 mm FRACC.	31,2 kg
2050 mm FRACC.	51,2 kg
2550 mm FRACC.	63,7 kg
3050 mm FRACC.	76,2 kg
4050 mm FRACC.	101,2 kg

3231

Mat = 42CrMo4
templado

Max T/m = 100

α = 80°



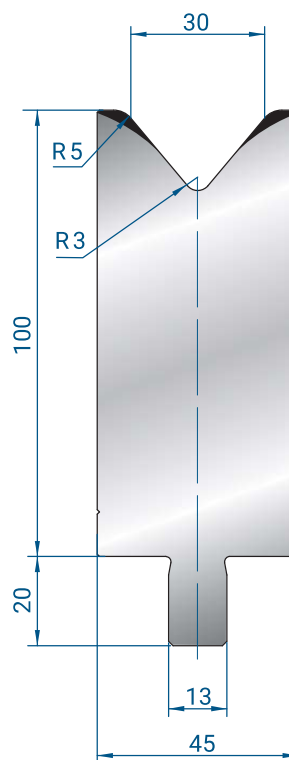
25-30 mm	1,1 kg
35-40	
45-50	
100 mm	2,8 kg
200 mm	5,6 kg
300 mm	8,4 kg
500 mm	14,0 kg
550 mm FRACC.	15,4 kg
1050 mm FRACC.	29,4 kg
1250 mm FRACC.	35,0 kg
2050 mm FRACC.	57,4 kg
2550 mm FRACC.	71,4 kg
3050 mm FRACC.	85,4 kg
4050 mm FRACC.	113,4 kg

3232

Mat = 42CrMo4
templado

Max T/m = 120

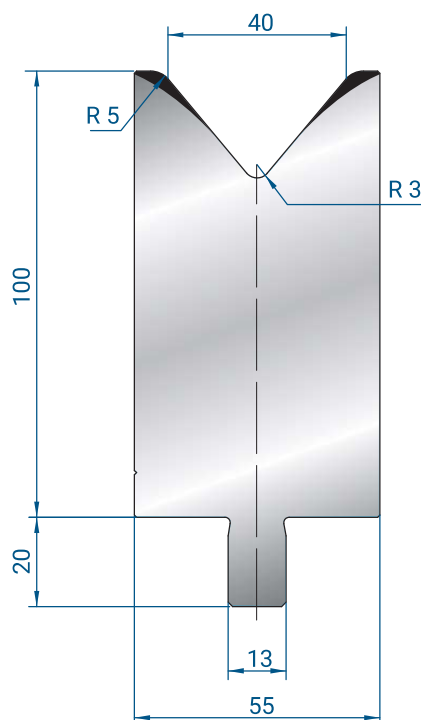
α = 80°



25-30 mm	1,4 kg
35-40	
45-50	
100 mm	3,5 kg
200 mm	7,0 kg
300 mm	10,5 kg
500 mm	17,5 kg
550 mm FRACC.	19,3 kg
1050 mm FRACC.	36,7 kg
1250 mm FRACC.	43,7 kg
2050 mm FRACC.	71,7 kg
2550 mm FRACC.	89,2 kg
3050 mm FRACC.	106,7 kg
4050 mm FRACC.	141,7 kg

3233

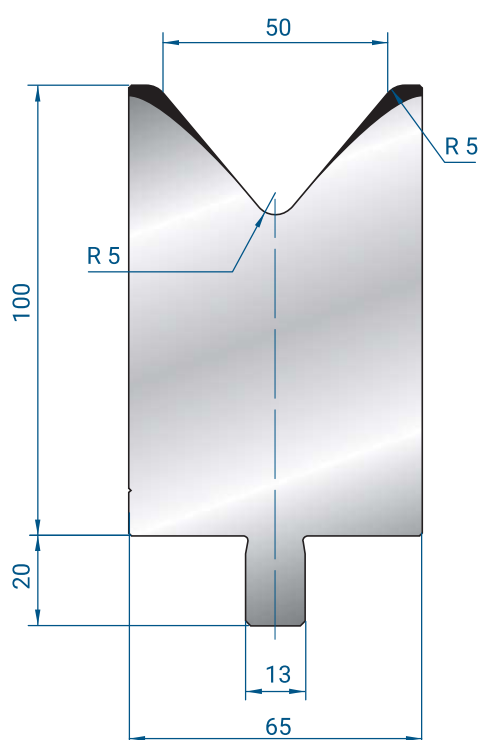
Mat = 42CrMo4
templado
Max T/m = 150
 α = 80°



25-30 mm	1,6 kg
35-40	
45-50	
100 mm	4,1 kg
200 mm	8,2 kg
300 mm	12,3 kg
500 mm	20,6 kg
550 mm FRACC.	22,7 kg
1050 mm FRACC.	43,0 kg
1250 mm FRACC.	51,2 kg
2050 mm FRACC.	84,0 kg
2550 mm FRACC.	104,5 kg
3050 mm FRACC.	125,0 kg
4050 mm FRACC.	166,0 kg

3234

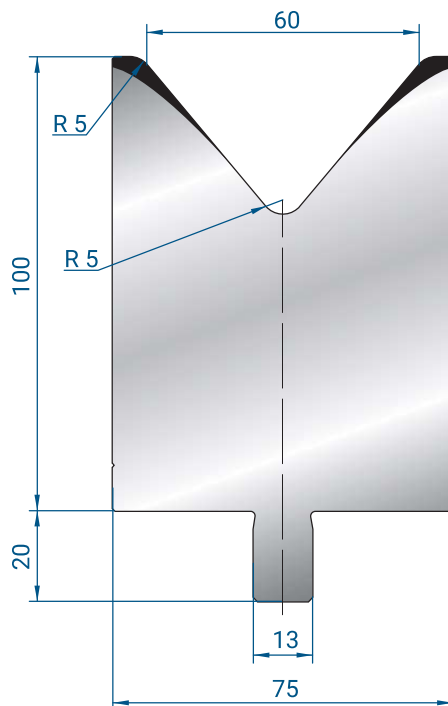
Mat = 42CrMo4
templado
Max T/m = 150
 α = 80°



25-30 mm	1,8 kg
35-40	
45-50	
100 mm	4,6 kg
200 mm	9,2 kg
300 mm	13,8 kg
500 mm	23,0 kg
550 mm FRACC.	25,3 kg
1050 mm FRACC.	48,3 kg
1250 mm FRACC.	57,5 kg
2050 mm FRACC.	94,3 kg
2550 mm FRACC.	117,3 kg
3050 mm FRACC.	140,3 kg
4050 mm FRACC.	186,3 kg

3219

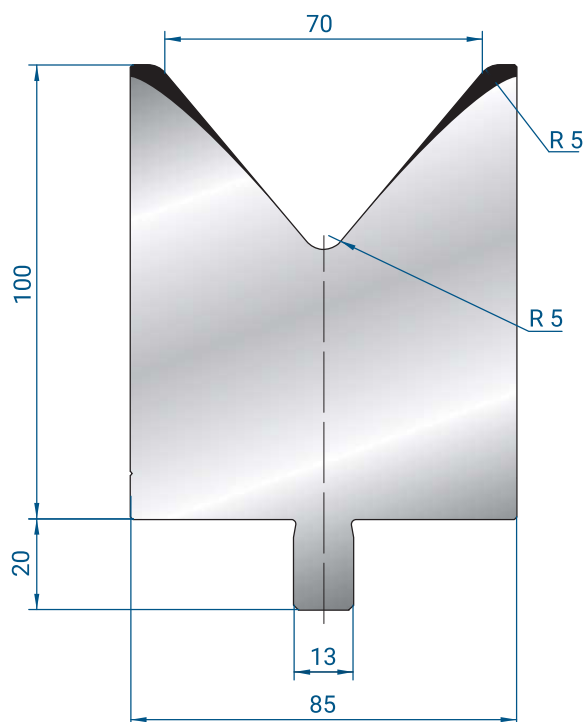
Mat = 42CrMo4
templado
Max T/m = 150
 α = 80°



25-30 mm	2,0 kg
35-40	
45-50	
100 mm	5,2 kg
200 mm	10,4 kg
300 mm	15,6 kg
500 mm	26,0 kg
550 mm	28,6 kg
FRACC.	
1050 mm	54,6 kg
FRACC.	
1250 mm	65,0kg
FRACC.	
2050 mm	106,6 kg
FRACC.	
2550 mm	132,6 kg
FRACC.	
3050 mm	158,6 kg
FRACC.	
4050 mm	210,6 kg
FRACC.	

3220

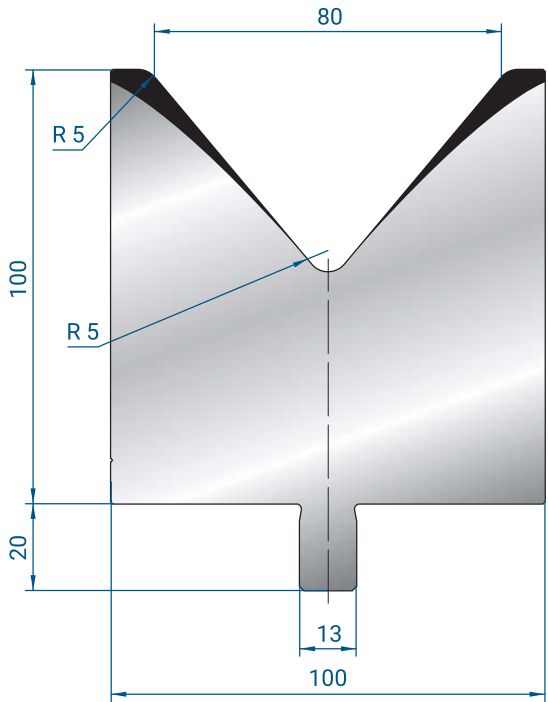
Mat = 42CrMo4
templado
Max T/m = 150
 α = 80°



25-30 mm	2,2 kg
35-40	
45-50	
100 mm	5,6 kg
200 mm	11,2 kg
300 mm	16,8 kg
550 mm	28,0 kg
FRACC.	
1050 mm	58,8 kg
FRACC.	
1250 mm	70,0 kg
FRACC.	
2050 mm	114,8 kg
FRACC.	
2550 mm	142,8 kg
FRACC.	
3050 mm	170,8 kg
FRACC.	
4050 mm	226,8 kg
FRACC.	

3221

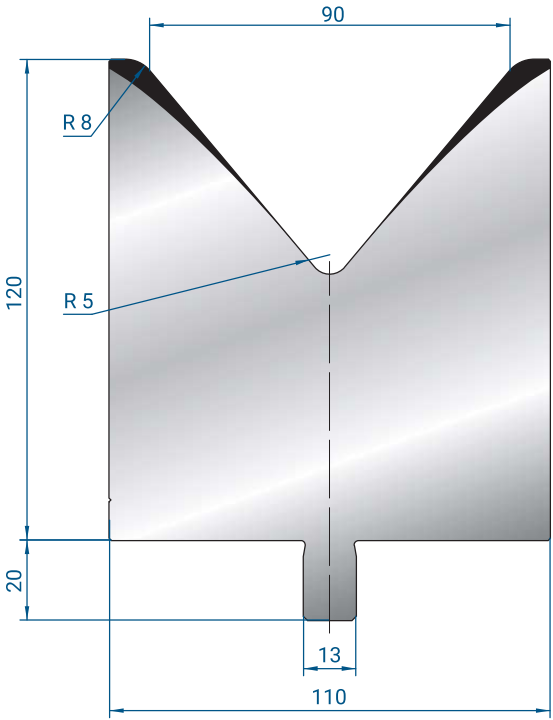
Mat = 42CrMo4
templado
Max T/m = 150
α = 80°



25-30 mm	2,5 kg
35-40	
45-50	
100 mm	6,4 kg
200 mm	12,8 kg
300 mm	19,2 kg
550 mm	35,2 kg
FRACC.	
1050 mm	67,2 kg
1250 mm	80,0kg
FRACC.	
2050 mm	131,2 kg
FRACC.	
2550 mm	163,2 kg
FRACC.	
3050 mm	195,2 kg
FRACC.	
4050 mm	259,2 kg
FRACC.	

3222

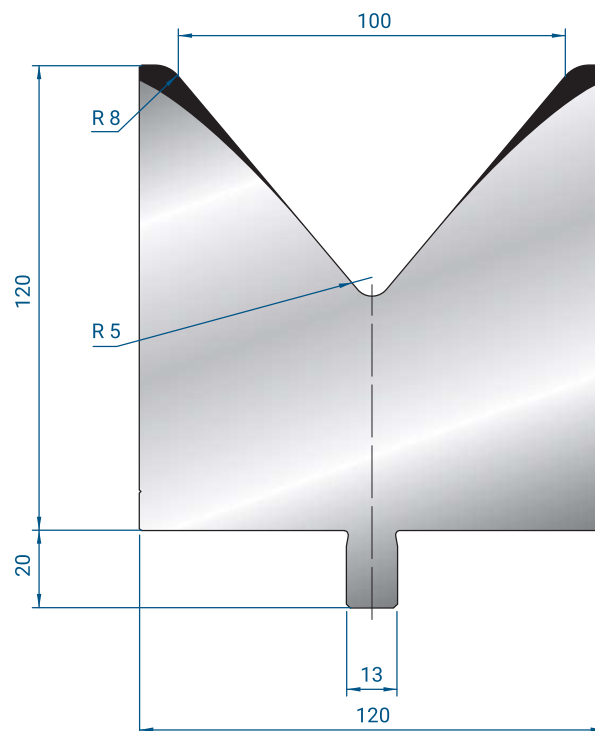
Mat = 42CrMo4
templado
Max T/m = 150
α = 80°



25-30 mm	3,4 kg
35-40	
45-50	
100 mm	8,5 kg
200 mm	17,0 kg
550 mm	46,7 kg
FRACC.	
1050mm	89,2 kg
1250mm	106,2 kg
FRACC.	
2050 mm	174,2 kg
FRACC.	
2550 mm	216,7 kg
FRACC.	
3050 mm	259,2 kg
FRACC.	
4050 mm	344,2 kg
FRACC.	

3223**Mat** = 42CrMo4

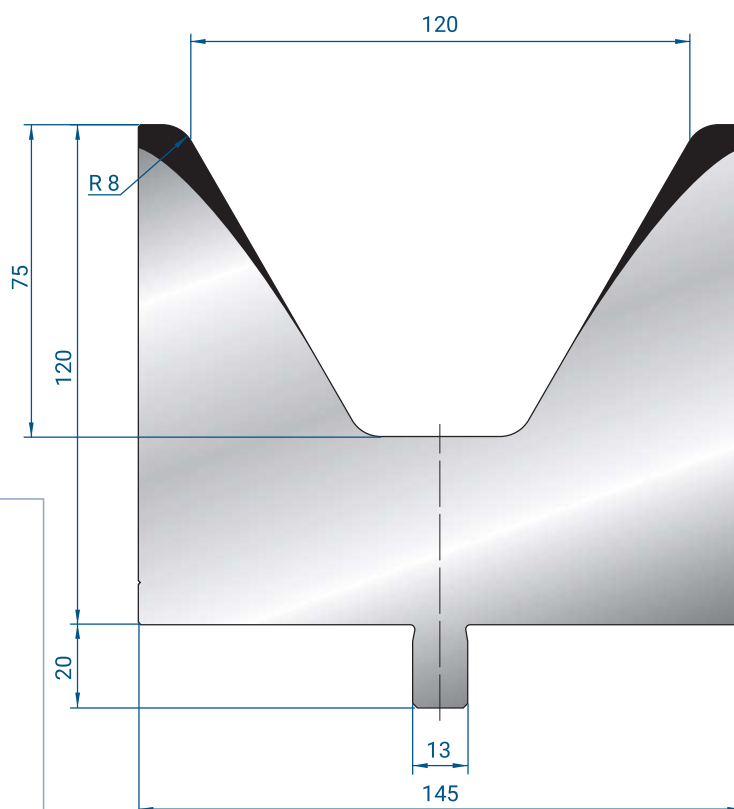
templado

Max T/m = 150 $\alpha = 80^\circ$ 

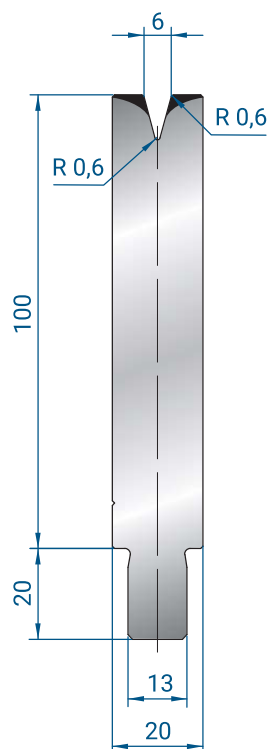
25-30 mm	1,6 kg
35-40	
45-50	
100 mm	4,1 kg
200 mm	8,2 kg
300 mm	12,3 kg
500 mm	20,6 kg
550 mm FRACC.	22,7 kg
1050 mm FRACC.	43,0 kg
1250 mm FRACC.	51,2 kg
2050 mm FRACC.	84,0 kg
2550 mm FRACC.	104,5 kg
3050 mm FRACC.	125,0 kg
4050 mm FRACC.	166,0 kg

3224**Mat** = 42CrMo4

templado

Max T/m = 160 $\alpha = 60^\circ$ 

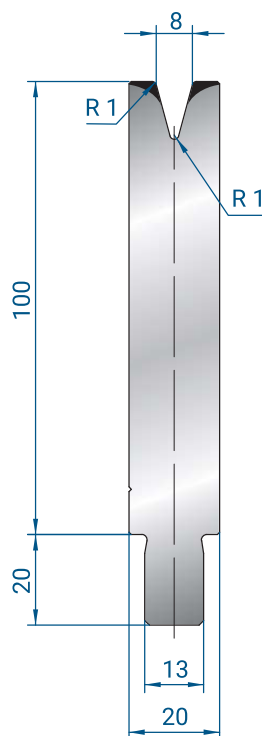
25-30 mm	1,8 kg
35-40	
45-50	
100 mm	4,6 kg
200 mm	9,2 kg
300 mm	13,8 kg
500 mm	23,0 kg
550 mm FRACC.	25,3 kg
1050 mm FRACC.	48,3 kg
1250 mm FRACC.	57,5 kg
2050 mm FRACC.	94,3 kg
2550 mm FRACC.	117,3 kg
3050 mm FRACC.	140,3 kg
4050 mm FRACC.	186,3 kg

**3206****Mat** = 42CrMo4

templado

Max T/m = 60 $\alpha = 30^\circ$

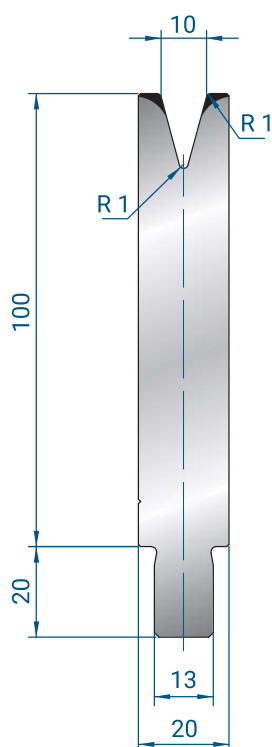
25-30 mm	0,6 kg
35-40	
45-50	
100 mm	1,8 kg
200 mm	3,6 kg
300 mm	5,4 kg
500 mm	8,7 kg
550 mm	9,6 kg
FRACC.	
1050 mm	18,9 kg
FRACC. B	
1250 mm	22,5 kg
FRACC. B	
2050 mm	36,9 kg
FRACC. B	
2550 mm	45,9 kg
FRACC. B	
3050 mm	54,9 kg
FRACC. B	
4050 mm	72,9 kg
FRACC. B	

**3207****Mat** = 42CrMo4

templado

Max T/m = 50 $\alpha = 30^\circ$

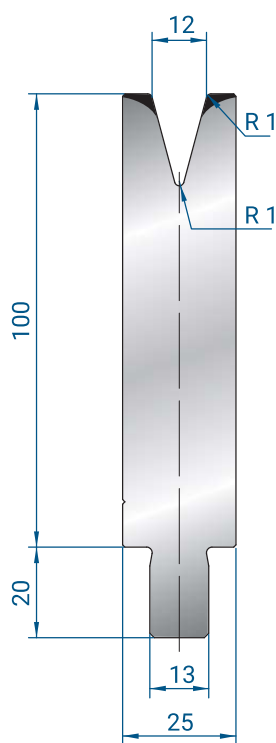
25-30 mm	0,6 kg
35-40	
45-50	
100 mm	1,7 kg
200 mm	3,4 kg
300 mm	5,1 kg
500 mm	8,6 kg
550 mm	9,5 kg
FRACC.	
1050 mm	17,8 kg
FRACC. B	
1250 mm	21,2 kg
FRACC. B	
2050 mm	34,8 kg
FRACC. B	
2550 mm	43,3 kg
FRACC. B	
3050 mm	51,8 kg
FRACC. B	
4050 mm	68,8 kg
FRACC. B	

**3208****Mat** = 42CrMo4

templado

Max T/m = 50 $\alpha = 30^\circ$

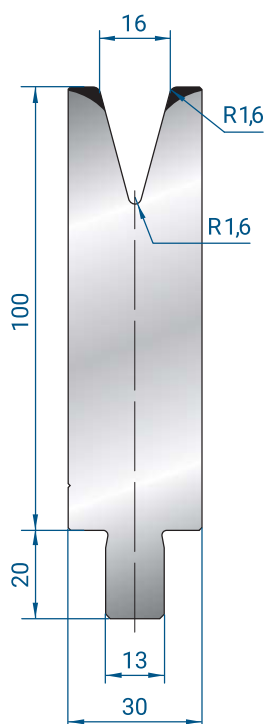
25-30 mm	0,6 kg
35-40	
45-50	
100 mm	1,7 kg
200 mm	3,4 kg
300 mm	5,1 kg
500 mm	8,6 kg
550 mm	9,5 kg
FRACC.	
1050 mm	17,8 kg
FRACC. B	
1250 mm	21,2 kg
FRACC. B	
2050 mm	34,8 kg
FRACC. B	
2550 mm	43,3 kg
FRACC. B	
3050 mm	51,8 kg
FRACC. B	
4050 mm	68,8 kg
FRACC. B	

**3209****Mat** = 42CrMo4

templado

Max T/m = 56 $\alpha = 30^\circ$

25-30 mm	0,8 kg
35-40	
45-50	
100 mm	2,0 kg
200 mm	4,1 kg
300 mm	6,2 kg
500 mm	10,2 kg
550 mm	11,3 kg
FRACC.	
1050 mm	21,0 kg
FRACC. B	
1250 mm	25,0 kg
FRACC. B	
2050 mm	41,0 kg
FRACC. B	
2550 mm	51,0 kg
FRACC. B	
3050 mm	61,0 kg
FRACC. B	
4050 mm	81,0 kg
FRACC. B	

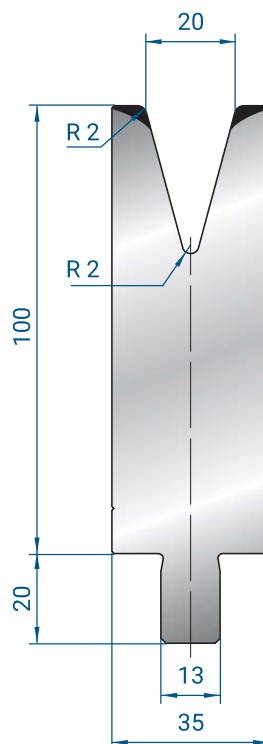
**3210**

Mat = 42CrMo4
templado

Max T/m = 68

α = 30°

25-30 mm	0,9 kg
35-40	
45-50	
100 mm	2,4 kg
200 mm	4,8 kg
300 mm	7,2 kg
500 mm	11,8 kg
550 mm FRACC. B	13,0 kg
1050 mm FRACC. B	25,2 kg
1250 mm FRACC. B	30,0 kg
2050 mm FRACC. B	49,2 kg
2550 mm FRACC. B	63,7 kg
3050 mm FRACC. B	73,2 kg
4050 mm FRACC. B	97,2 kg

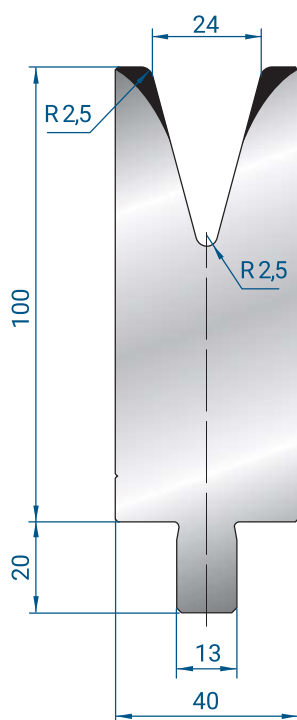
**3211**

Mat = 42CrMo4
templado

Max T/m = 50

α = 30°

25-30 mm	1,0 kg
35-40	
45-50	
100 mm	2,6 kg
200 mm	5,2 kg
300 mm	7,8 kg
500 mm	13,0 kg
550 mm FRACC. B	13,0 kg
1050 mm FRACC. B	27,3 kg
1250 mm FRACC. B	32,5 kg
2050 mm FRACC. B	53,3 kg
2550 mm FRACC. B	66,3 kg
3050 mm FRACC. B	79,3 kg
4050 mm FRACC. B	105,3 kg

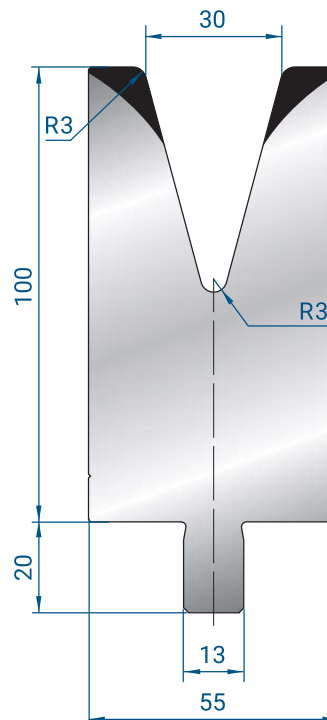
**3212**

Mat = 42CrMo4
templado

Max T/m = 55

α = 30°

25-30 mm	1,1 kg
35-40	
45-50	
100 mm	2,9 kg
200 mm	5,8 kg
300 mm	8,7 kg
500 mm	14,5 kg
550 mm FRACC. B	16,0 kg
1050 mm FRACC. B	30,4 kg
1250 mm FRACC. B	36,2kg
2050 mm FRACC. B	59,4 kg
2550 mm FRACC. B	73,9 kg
3050 mm FRACC. B	88,4 kg
4050 mm FRACC. B	117,4 kg

**3213**

Mat = 42CrMo4
templado

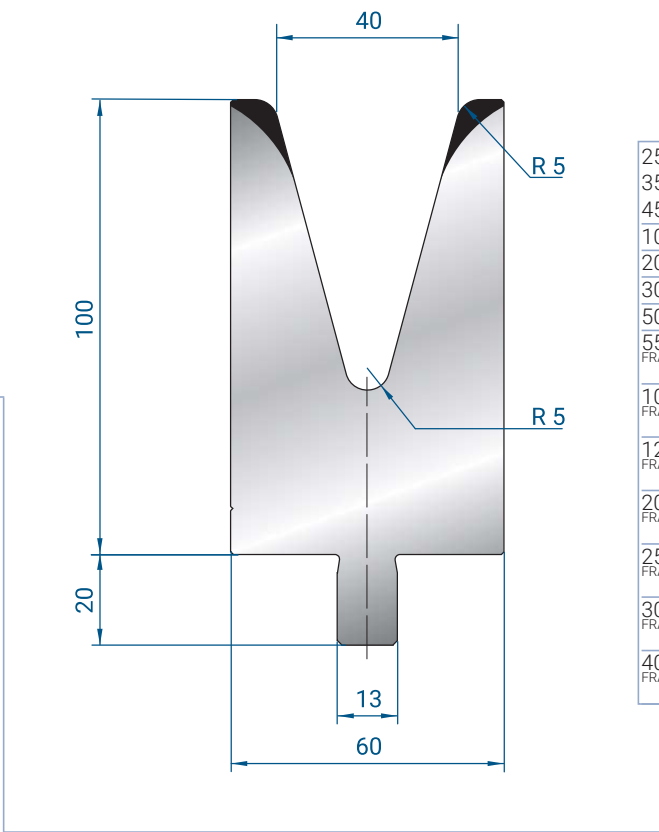
Max T/m = 85

α = 30°

25-30 mm	1,5 kg
35-40	
45-50	
100 mm	3,8 kg
200 mm	7,6 kg
300 mm	11,4 kg
500 mm	19,0 kg
550 mm FRACC. B	20,9 kg
1050 mm FRACC. B	39,9 kg
1250 mm FRACC. B	47,5 kg
2050 mm FRACC. B	77,9 kg
2550 mm FRACC. B	96,9 kg
3050 mm FRACC. B	115,9kg
4050 mm FRACC. B	153,9 kg

3214

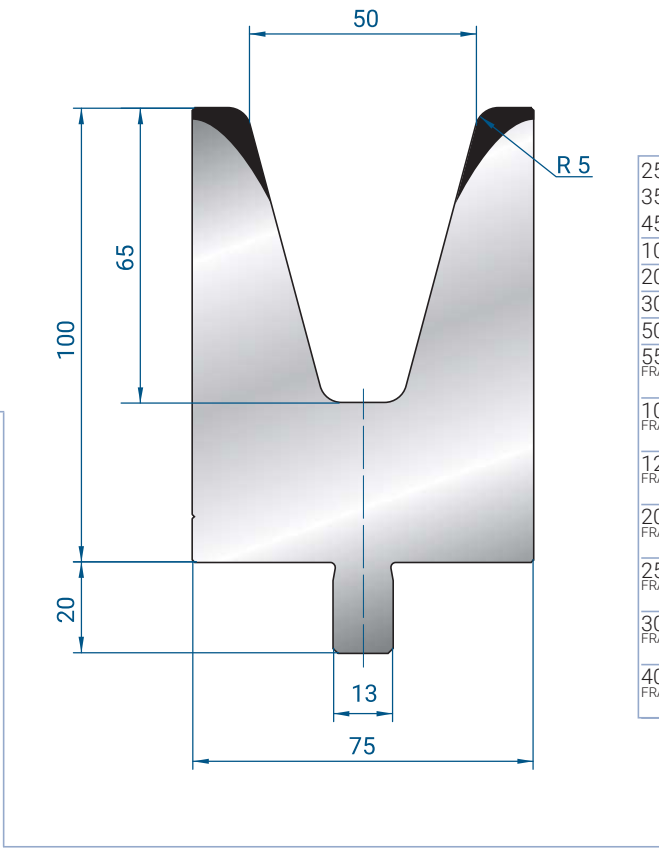
Mat = 42CrMo4
templado
Max T/m = 73
 $\alpha = 30^\circ$



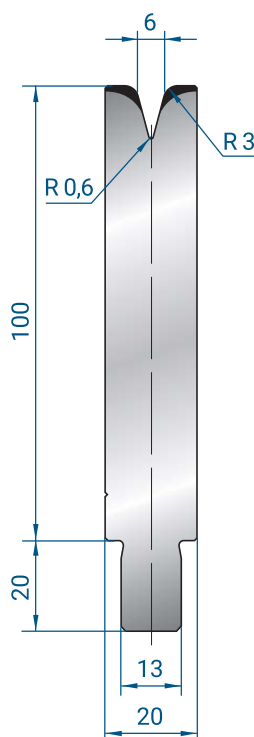
25-30 mm	1,5 kg
35-40	
45-50	
100 mm	3,7 kg
200 mm	7,4 kg
300 mm	11,1 kg
500 mm	18,5 kg
550 mm FRACC. B	20,4 kg
1050 mm FRACC. B	38,8 kg
1250 mm FRACC. B	46,2 kg
2050 mm FRACC. B	75,8 kg
2550 mm FRACC. B	94,3 kg
3050 mm FRACC. B	112,8 kg
4050mm FRACC. B	149,8 kg

3235

Mat = 42CrMo4
templado
Max T/m = 100
 $\alpha = 30^\circ$

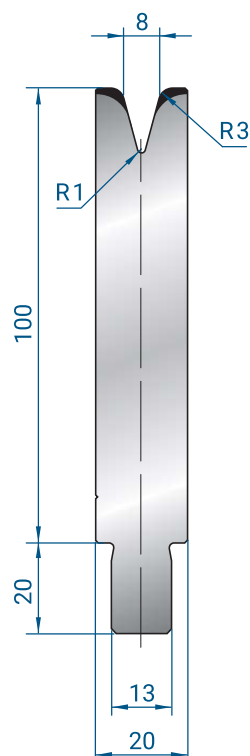


25-30 mm	1,8 kg
35-40	
45-50	
100 mm	4,6 kg
200 mm	9,2 kg
300 mm	13,8 kg
500 mm	23,0 kg
550 mm FRACC. B	25,3 kg
1050 mm FRACC. B	48,3 kg
1250 mm FRACC. B	57,5 kg
2050 mm FRACC. B	94,3 kg
2550 mm FRACC. B	117,3 kg
3050 mm FRACC. B	140,3 kg
4050mm FRACC. B	186,3 kg

**3236**

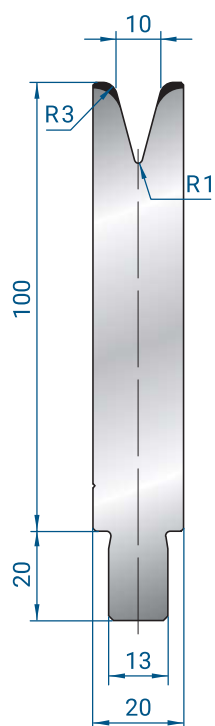
Mat = 42CrMo4
templado
Max T/m = 45
α = 30°

25-30 mm	0,6 kg
35-40	
45-50	
100 mm	1,8 kg
200 mm	3,6 kg
300 mm	5,4 kg
500 mm	8,7 kg
550 mm FRACC.	9,6 kg
1050 mm FRACC. B	18,9 kg
1250 mm FRACC. B	22,5 kg
2050 mm FRACC. B	36,9 kg
2550 mm FRACC. B	45,9 kg
3050 mm FRACC. B	54,9 kg
4050 mm FRACC. B	72,9 kg

**3237**

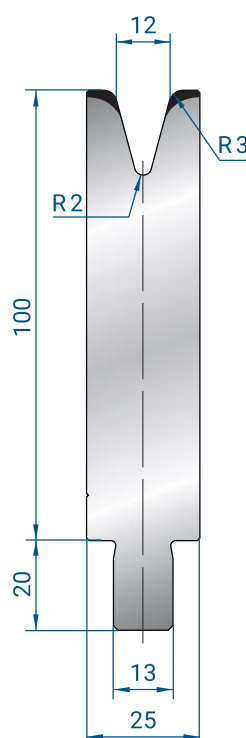
Mat = 42CrMo4
templado
Max T/m = 40
α = 30°

25-30 mm	0,6 kg
35-40	
45-50	
100 mm	1,7 kg
200 mm	3,4 kg
300 mm	5,1 kg
500 mm	8,6 kg
550 mm FRACC.	9,5 kg
1050 mm FRACC. B	17,8 kg
1250 mm FRACC. B	21,2 kg
2050 mm FRACC. B	34,8 kg
2550 mm FRACC. B	43,3 kg
3050 mm FRACC. B	51,8 kg
4050 mm FRACC. B	68,8 kg

**3238**

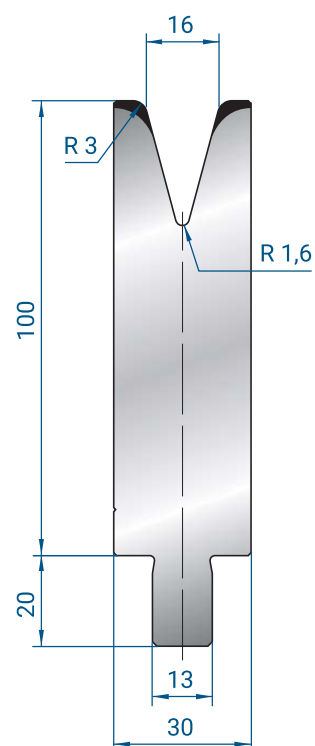
Mat = 42CrMo4
templado
Max T/m = 30
α = 30°

25-30 mm	0,6 kg
35-40	
45-50	
100 mm	1,7 kg
200 mm	3,4 kg
300 mm	5,1 kg
500 mm	8,6 kg
550 mm FRACC.	9,5 kg
1050 mm FRACC. B	17,8 kg
1250 mm FRACC. B	21,2 kg
2050 mm FRACC. B	34,8 kg
2550 mm FRACC. B	43,3 kg
3050 mm FRACC. B	51,8 kg
4050 mm FRACC. B	68,8 kg

**3239**

Mat = 42CrMo4
templado
Max T/m = 40
α = 30°

25-30 mm	0,8 kg
35-40	
45-50	
100 mm	2,0 kg
200 mm	4,1 kg
300 mm	6,2 kg
500 mm	10,2 kg
550 mm FRACC.	11,3 kg
1050 mm FRACC. B	21,0 kg
1250 mm FRACC. B	25,0 kg
2050 mm FRACC. B	41,0 kg
2550 mm FRACC. B	51,0 kg
3050 mm FRACC. B	61,0 kg
4050 mm FRACC. B	81,0 kg



25-30 mm	0,9 kg
35-40	
45-50	
100 mm	2,4 kg
200 mm	4,8 kg
300 mm	7,2 kg
500 mm	11,8 kg
550 mm FRACC.	13,0 kg
1050 mm FRACC. B	25,2 kg
1250 mm FRACC. B	30,0 kg
2050 mm FRACC. B	49,2 kg
2550 mm FRACC. B	63,7 kg
3050 mm FRACC. B	73,2 kg
4050 mm FRACC. B	97,2 kg

3240

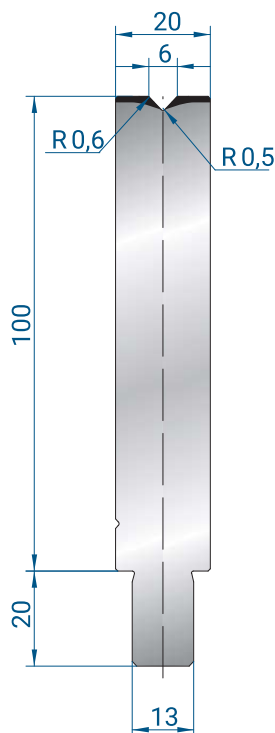
Mat = 42CrMo4

templado

Max T/m = 40

α = 30°

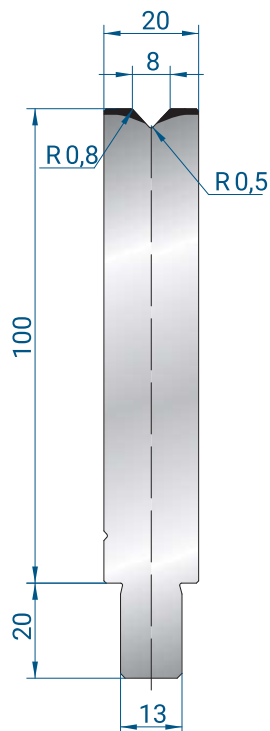
3123



Mat = C45
Max T/m = 100
 $\alpha = 86^\circ$

5-30 mm	0,6 kg
35-40	
45-50	
100 mm	1,8 kg
200 mm	3,6 kg
300 mm	5,4 kg
500 mm	8,7 kg
550 mm FRACC.	9,6 kg
1050 mm FRACC. B	18,9 kg
1250 mm FRACC. B	22,5 kg
2050 mm FRACC. B	36,9 kg
2550 mm FRACC. B	45,9 kg
3050 mm FRACC. B	54,9 kg
4050 mm FRACC. B	72,9 kg

3124



Mat = C45
Max T/m = 100
 $\alpha = 86^\circ$

25-30 mm	0,6 kg
35-40	
45-50	
100 mm	1,8 kg
200 mm	3,6 kg
300 mm	5,4 kg
500 mm	8,7 kg
550 mm FRACC.	9,6 kg
1050 mm FRACC. B	18,9 kg
1250 mm FRACC. B	22,5 kg
2050 mm FRACC. B	36,9 kg
2550 mm FRACC. B	45,9 kg
3050 mm FRACC. B	54,9 kg
4050 mm FRACC. B	72,9 kg

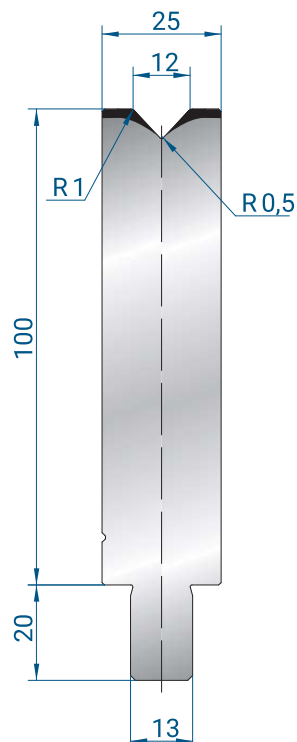
3125



Mat = C45
Max T/m = 100
 $\alpha = 86^\circ$

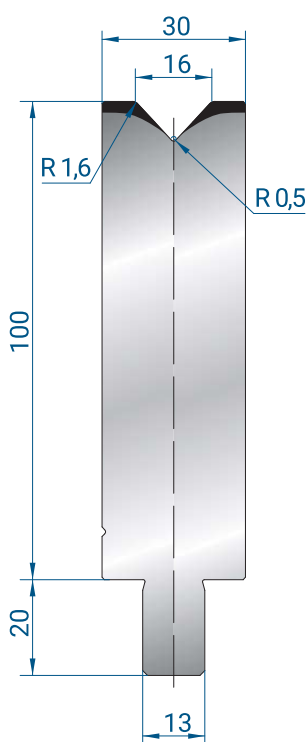
25-30 mm	0,6 kg
35-40	
45-50	
100 mm	1,8 kg
200 mm	3,6 kg
300 mm	5,4 kg
500 mm	8,7 kg
550 mm FRACC.	9,6 kg
1050 mm FRACC. B	18,9 kg
1250 mm FRACC. B	22,5 kg
2050 mm FRACC. B	36,9 kg
2550 mm FRACC. B	45,9 kg
3050 mm FRACC. B	54,9 kg
4050 mm FRACC. B	72,9 kg

3126



Mat = C45
Max T/m = 100
 $\alpha = 86^\circ$

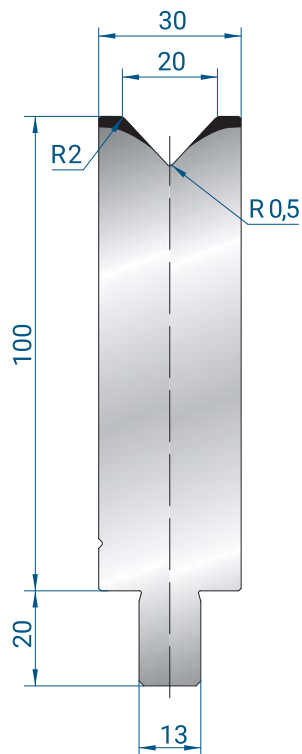
25-30 mm	0,8 kg
35-40	
45-50	
100 mm	2,0 kg
200 mm	4,1 kg
300 mm	6,2 kg
500 mm	10,2 kg
550 mm FRACC.	11,3 kg
1050 mm FRACC. B	21,0 kg
1250 mm FRACC. B	25,0 kg
2050 mm FRACC. B	41,0 kg
2550 mm FRACC. B	51,0 kg
3050 mm FRACC. B	61,0 kg
4050 mm FRACC. B	81,0 kg



3127

Mat = C45
Max T/m = 100
 $\alpha = 86^\circ$

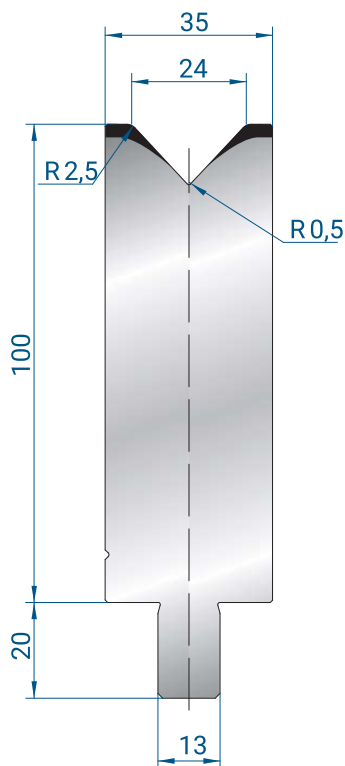
25-30 mm	0,9 kg
35-40	
45-50	
100 mm	2,4 kg
200 mm	4,8 kg
300 mm	7,2 kg
500 mm	11,8 kg
550 mm FRACC. B	13,0 kg
1050 mm FRACC. B	25,2 kg
1250 mm FRACC. B	30,0 kg
2050 mm FRACC. B	49,2 kg
2550 mm FRACC. B	63,7 kg
3050 mm FRACC. B	73,2 kg
4050 mm FRACC. B	97,2 kg



3128

Mat = C45
Max T/m = 100
 $\alpha = 86^\circ$

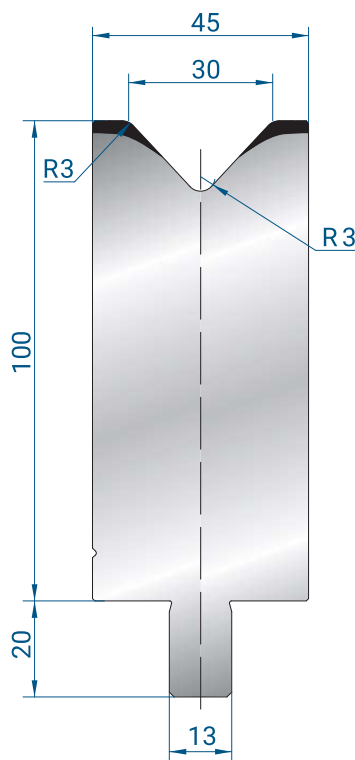
25-30 mm	0,9 kg
35-40	
45-50	
100 mm	2,4 kg
200 mm	4,8 kg
300 mm	7,2 kg
500 mm	11,8 kg
550 mm FRACC. B	13,0 kg
1050 mm FRACC. B	25,2 kg
1250 mm FRACC. B	30,0 kg
2050 mm FRACC. B	49,2 kg
2550 mm FRACC. B	63,7 kg
3050 mm FRACC. B	73,2 kg
4050 mm FRACC. B	97,2 kg



3129

Mat = C45
Max T/m = 100
 $\alpha = 86^\circ$

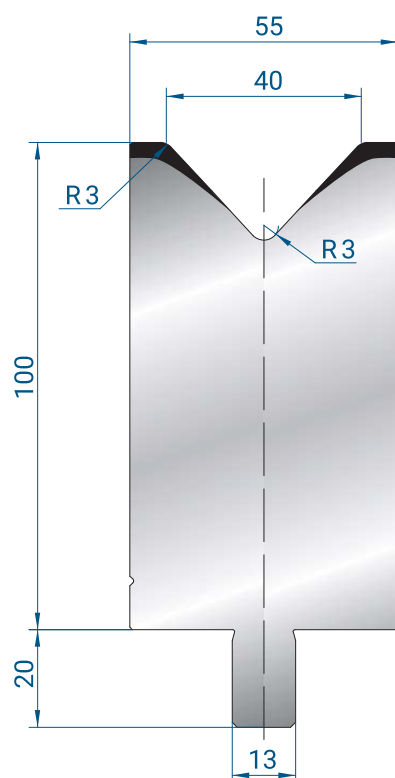
25-30 mm	1,1 kg
35-40	
45-50	
100 mm	2,8 kg
200 mm	5,6 kg
300 mm	8,4 kg
500 mm	14,0 kg
550 mm FRACC. B	15,4 kg
1050 mm FRACC. B	29,4 kg
1250 mm FRACC. B	35,0 kg
2050 mm FRACC. B	57,4 kg
2550 mm FRACC. B	71,4 kg
3050 mm FRACC. B	85,4 kg
4050 mm FRACC. B	113,4 kg



3130

Mat = C45
Max T/m = 100
 $\alpha = 86^\circ$

25-30 mm	1,4 kg
35-40	
45-50	
100 mm	3,6 kg
200 mm	7,2 kg
300 mm	10,8 kg
500 mm	18,0 kg
550 mm FRACC. B	18,0 kg
1050 mm FRACC. B	37,8 kg
1250 mm FRACC. B	44,2 kg
2050 mm FRACC. B	72,5 kg
2550 mm FRACC. B	91,8 kg
3050 mm FRACC. B	109,8 kg
4050 mm FRACC. B	145,8 kg



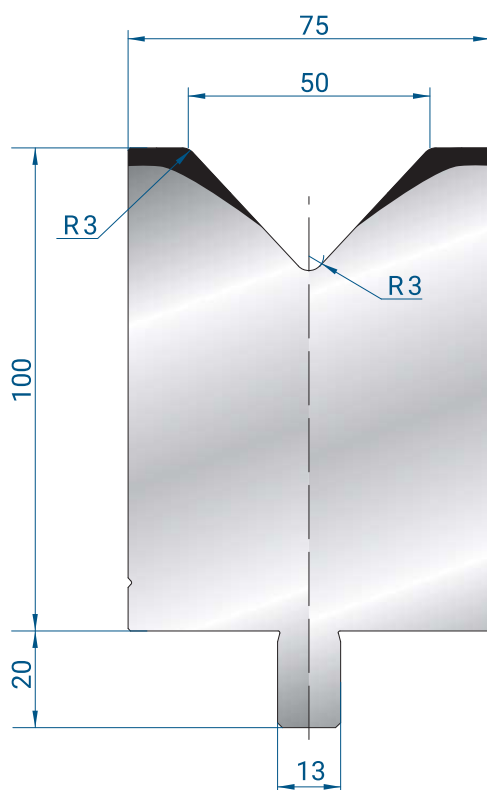
3131

Mat = C45

Max T/m = 100

$\alpha = 86^\circ$

5-30 mm	1,7 kg
35-40	
45-50	
100 mm	4,2 kg
200 mm	8,4 kg
300 mm	12,6 kg
500 mm	21,0 kg
550 mm	21,0 kg
FRACC.	
1050 mm	44,1 kg
FRACC. B	
1250 mm	52,5 kg
FRACC. B	
2050 mm	84,0 kg
FRACC. B	
2550 mm	104,5 kg
FRACC. B	
3050 mm	125,0 kg
FRACC. B	
4050 mm	166,0 kg
FRACC. B	



3132

Mat = C45

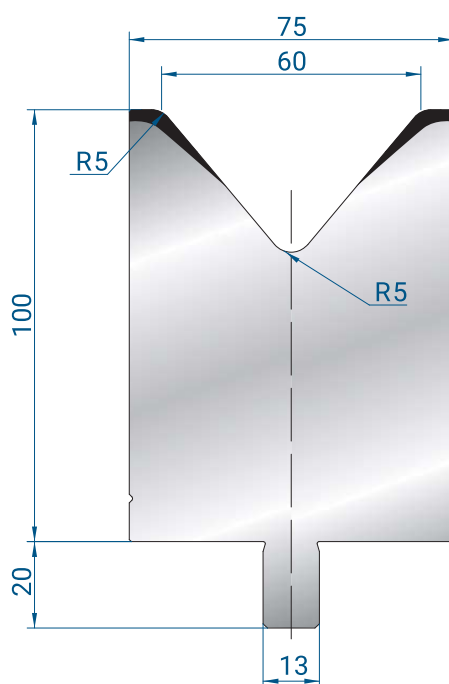
Max T/m = 100

$\alpha = 86^\circ$

25-30 mm	2,2 kg
35-40	
45-50	
100 mm	5,6 kg
200 mm	11,2 kg
300 mm	16,8 kg
500 mm	28,0 kg
550 mm	28,0 kg
FRACC.	
1050 mm	58,8 kg
FRACC. B	
1250 mm	70,0 kg
FRACC. B	
205 mm	114,8 kg
FRACC. B	
2550 mm	142,8 kg
FRACC. B	
3050 mm	170,8 kg
FRACC. B	
4050 mm	226,8 kg
FRACC. B	

3133

Mat = C45
Max T/m = 100
 $\alpha = 80^\circ$

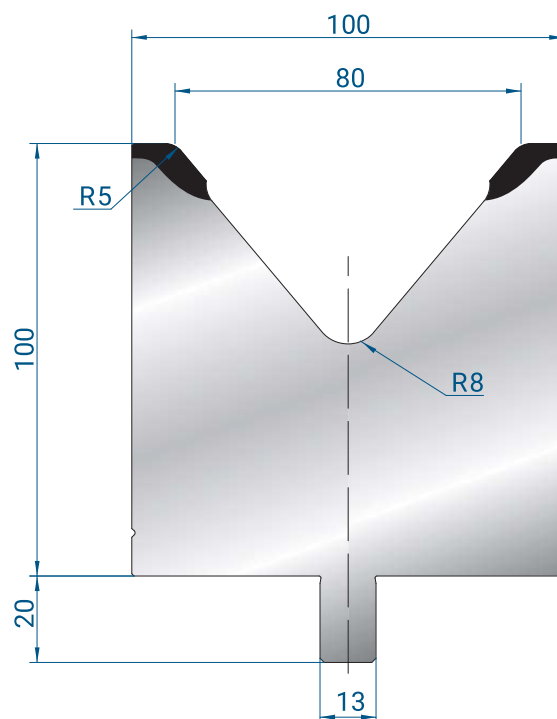


25-30 mm	2,0 kg
35-40	
45-50	
100 mm	5,2 kg
200 mm	10,4 kg
300 mm	15,6 kg
500 mm	26,0 kg
550 mm FRACC. B	28,6 kg
1050 mm FRACC. B	54,6 kg
1250 mm FRACC. B	65,0 kg
2050 mm FRACC. B	106,6 kg
2550 mm FRACC. B	132,6 kg
3050 mm FRACC. B	158,6 kg
4050 mm FRACC. B	210,6 kg



3134

Mat = C45
Max T/m = 100
 $\alpha = 80^\circ$

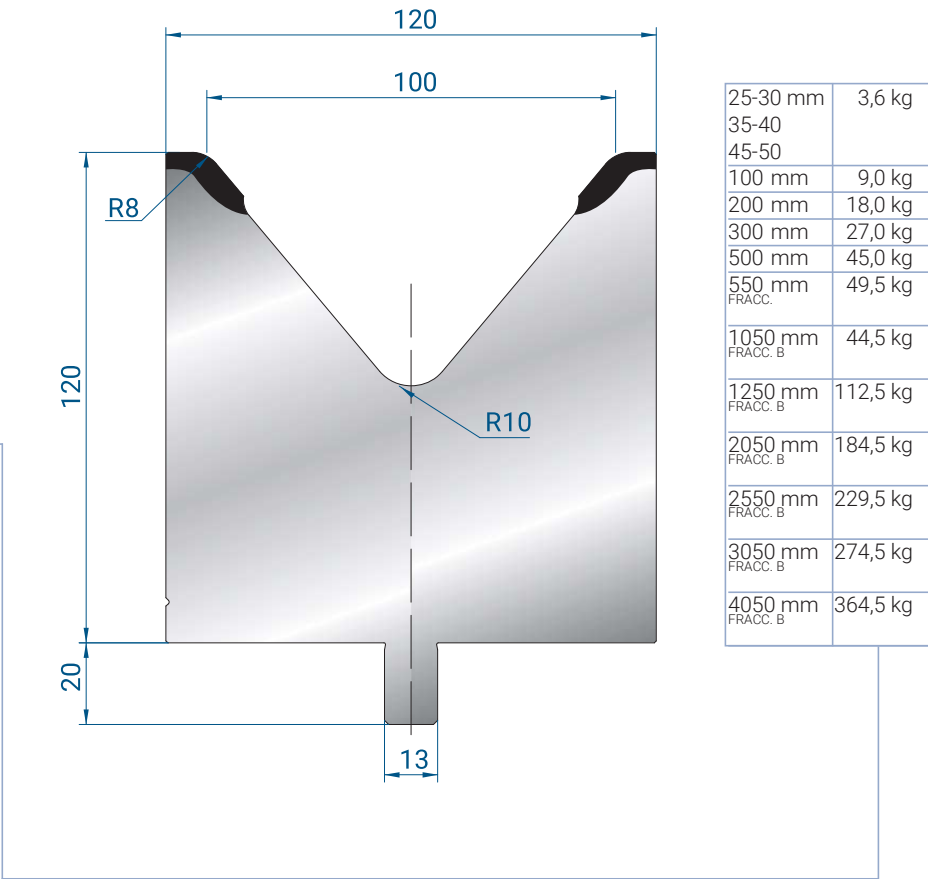


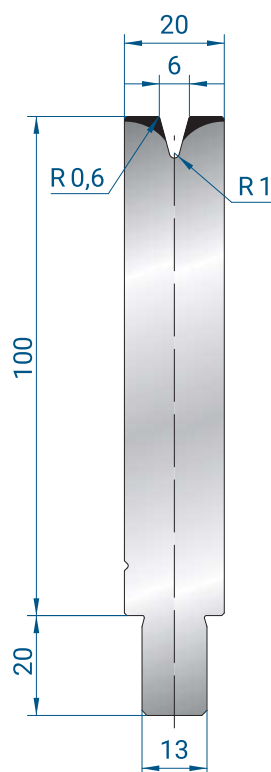
25-30 mm	2,5 kg
35-40	
45-50	
100 mm	6,4 kg
200 mm	12,8 kg
300 mm	19,2 kg
500 mm	32,0 kg
550 mm FRACC. B	35,2 kg
1050 mm FRACC. B	67,2 kg
1250 mm FRACC. B	80,0 kg
2050 mm FRACC. B	131,2 kg
2550 mm FRACC. B	163,2 kg
3050 mm FRACC. B	195,2 kg
4050 mm FRACC. B	259,2 kg



3135

Mat = C45
Max T/m = 100
 $\alpha = 80^\circ$

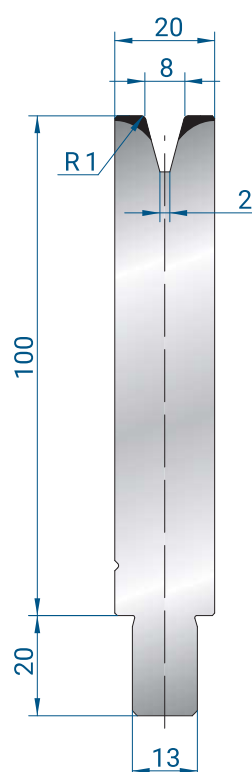




3136

Mat = C45
Max T/m = 50
 $\alpha = 30^\circ$

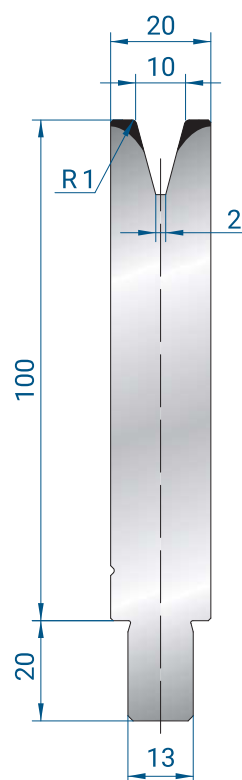
25-30 mm	0,6 kg
35-40	
45-50	
100 mm	1,8 kg
200 mm	3,6 kg
300 mm	5,4 kg
500 mm	8,7 kg
550 mm	9,6 kg
FRACC.	
1050 mm	18,9 kg
FRACC. B	
1250 mm	22,5 kg
FRACC. B	
2050 mm	36,9 kg
FRACC. B	
2550 mm	45,9 kg
FRACC. B	
3050 mm	54,9 kg
FRACC. B	
4050 mm	72,9 kg
FRACC. B	



3137

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

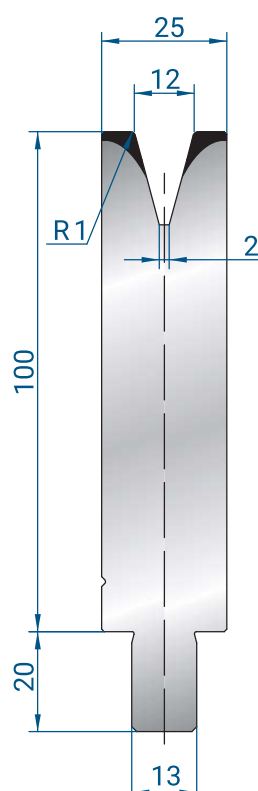
25-30 mm	0,6 kg
35-40	
45-50	
100 mm	1,8 kg
200 mm	3,6 kg
300 mm	5,4 kg
500 mm	8,7 kg
550 mm	9,6 kg
FRACC.	
1050 mm	18,9 kg
FRACC. B	
1250 mm	22,5 kg
FRACC. B	
2050 mm	36,9 kg
FRACC. B	
2550 mm	45,9 kg
FRACC. B	
3050 mm	54,9 kg
FRACC. B	
4050 mm	72,9 kg
FRACC. B	



3138

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

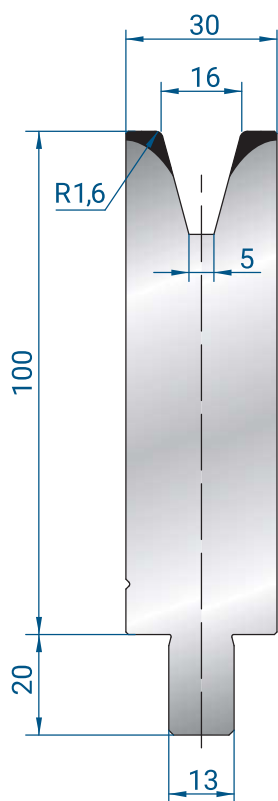
25-30 mm	0,6 kg
35-40	
45-50	
100 mm	1,8 kg
200 mm	3,6 kg
300 mm	5,4 kg
500 mm	8,7 kg
550 mm	9,6 kg
FRACC.	
1050 mm	18,9 kg
FRACC. B	
1250 mm	22,5 kg
FRACC. B	
2050 mm	36,9 kg
FRACC. B	
2550 mm	45,9 kg
FRACC. B	
3050 mm	54,9 kg
FRACC. B	
4050 mm	72,9 kg
FRACC. B	



3139

Mat = C45
Max T/m = 50
 $\alpha = 30^\circ$

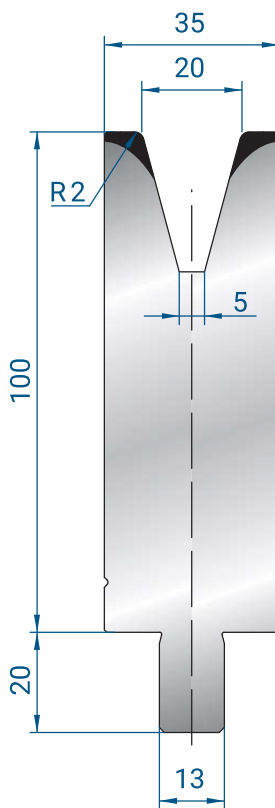
25-30 mm	0,8 kg
35-40	
45-50	
100 mm	2,0 kg
200 mm	4,1 kg
300 mm	6,2 kg
500 mm	10,2 kg
550 mm	11,3kg
FRACC.	
1050 mm	21,0 kg
FRACC. B	
1250 mm	25,0 kg
FRACC. B	
2050 mm	41,0 kg
FRACC. B	
2550 mm	51,0 kg
FRACC. B	
3050 mm	61,0 kg
FRACC. B	
4050 mm	81,0 kg
FRACC. B	



3140

Mat = C45
Max T/m = 45
 $\alpha = 30^\circ$

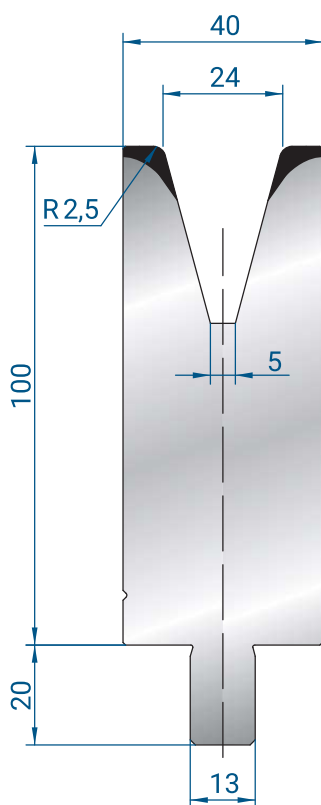
25-30 mm	0,9 kg
35-40	
45-50	
100 mm	2,4 kg
200 mm	4,8 kg
300 mm	7,2 kg
500 mm	11,8 kg
550 mm FRACC. B	13,0 kg
1050 mm FRACC. B	25,2 kg
1250 mm FRACC. B	30,0 kg
2050 mm FRACC. B	49,2 kg
2550 mm FRACC. B	63,7 kg
3050 mm FRACC. B	73,2 kg
4050 mm FRACC. B	97,2 kg



3141

Mat = C45
Max T/m = 50
 $\alpha = 30^\circ$

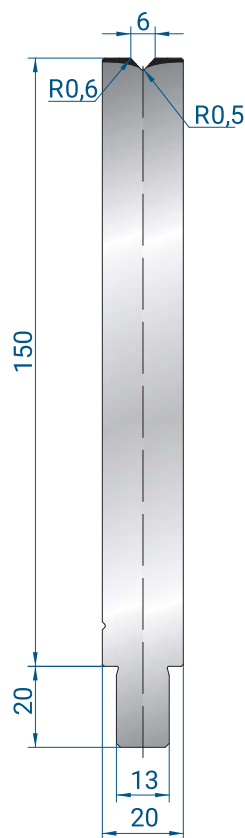
25-30 mm	1,0 kg
35-40	
45-50	
100 mm	2,6 kg
200 mm	5,2 kg
300 mm	7,8 kg
500 mm	13,0 kg
550 mm FRACC. B	13,0 kg
1050 mm FRACC. B	27,3 kg
1250 mm FRACC. B	32,5 kg
2050 mm FRACC. B	53,3 kg
2550 mm FRACC. B	66,3 kg
3050 mm FRACC. B	79,3 kg
4050 mm FRACC. B	105,3 kg



3142

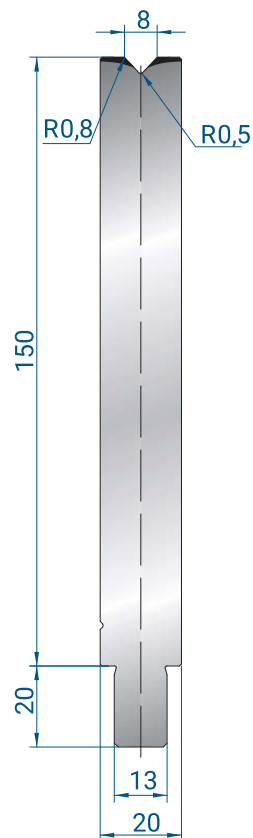
Mat = C45
Max T/m = 50
 $\alpha = 30^\circ$

25-30 mm	1,2 kg
35-40	
45-50	
100 mm	3,0 kg
200 mm	6,0 kg
300 mm	9,0 kg
500 mm	15,0 kg
550 mm FRACC. B	15,0 kg
1050 mm FRACC. B	31,5 kg
1250 mm FRACC. B	37,5 kg
2050 mm FRACC. B	62,5 kg
2550 mm FRACC. B	76,5 kg
3050 mm FRACC. B	91,5 kg
4050 mm FRACC. B	121,5 kg

**3143**

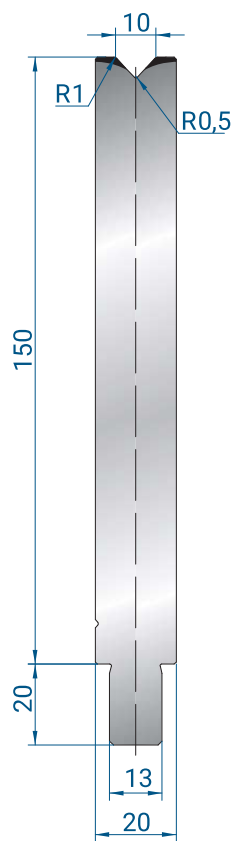
Mat = C45
 Max T/m = 100
 $\alpha = 86^\circ$

25-30 mm	1,0 kg
35-40	
45-50	
100 mm	2,6 kg
200 mm	5,2 kg
300 mm	7,8 kg
500 mm	13,0 kg
550 mm	13,0kg
FRACC. B	
1050 mm	27,3 kg
FRACC. B	
1250 mm	32,5 kg
FRACC. B	
2050 mm	53,3 kg
FRACC. B	
2550 mm	66,3 kg
FRACC. B	
3050 mm	79,3 kg
FRACC. B	
4050 mm	105,3 kg
FRACC. B	

**3144**

Mat = C45
 Max T/m = 100
 $\alpha = 86^\circ$

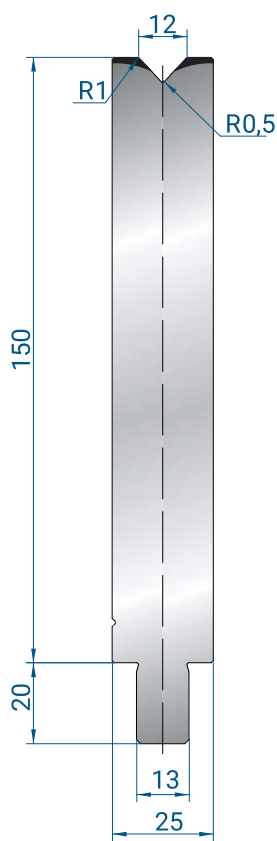
25-30 mm	1,0 kg
35-40	
45-50	
100 mm	2,6 kg
200 mm	5,2 kg
300 mm	7,8 kg
500 mm	13,0 kg
550 mm	13,0 kg
FRACC. B	
1050 mm	27,3 kg
FRACC. B	
1250 mm	32,5 kg
FRACC. B	
2050 mm	53,3 kg
FRACC. B	
2550 mm	66,3 kg
FRACC. B	
3050 mm	79,3 kg
FRACC. B	
4050 mm	105,3 kg
FRACC. B	



3145

Mat = C45
Max T/m = 100
 $\alpha = 86^\circ$

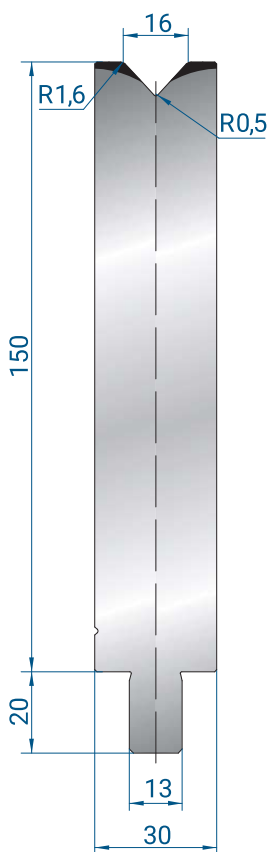
25-30 mm	1,0 kg
35-40	
45-50	
100 mm	2,6 kg
200 mm	5,2 kg
300 mm	7,8 kg
500 mm	13,0 kg
550 mm	13,0 kg
FRACC.	
1050 mm	27,3 kg
FRACC. B	
1250 mm	32,5 kg
FRACC. B	
2050 mm	53,3 kg
FRACC. B	
2550 mm	66,3 kg
FRACC. B	
3050 mm	79,3 kg
FRACC. B	
4050 mm	105,3 kg
FRACC. B	



3146

Mat = C45
Max T/m = 100
 $\alpha = 86^\circ$

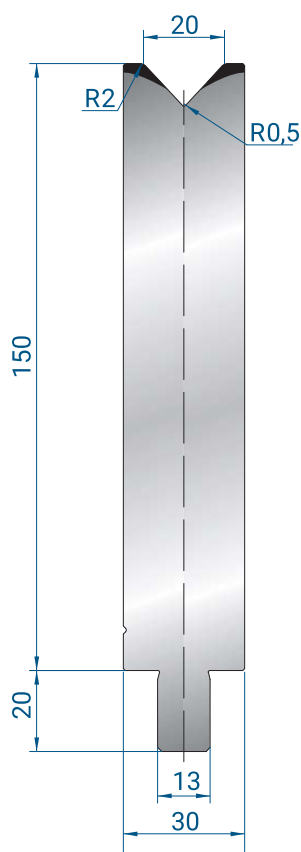
25-30 mm	1,3 kg
35-40	
45-50	
100 mm	3,2 kg
200 mm	6,4 kg
300 mm	9,6 kg
500 mm	16,0 kg
550 mm	16,0 kg
FRACC.	
1050 mm	33,6 kg
FRACC. B	
1250 mm	40,0kg
FRACC. B	
2050 mm	65,6 kg
FRACC. B	
2550 mm	81,6 kg
FRACC. B	
3050 mm	97,6 kg
FRACC. B	
4050 mm	129,6 kg
FRACC. B	



3147

Mat = C45
Max T/m = 100
 $\alpha = 86^\circ$

25-30 mm	1,4 kg
35-40	
45-50	
100 mm	3,6 kg
200 mm	7,2 kg
300 mm	10,8 kg
500 mm	18,0 kg
550 mm	18,0 kg
FRACC.	
1050 mm	37,8 kg
FRACC. B	
1250 mm	45,0kg
FRACC. B	
2050 mm	73,8 kg
FRACC. B	
2550 mm	91,8 kg
FRACC. B	
3050 mm	109,8 kg
FRACC. B	
4050 mm	145,8 kg
FRACC. B	

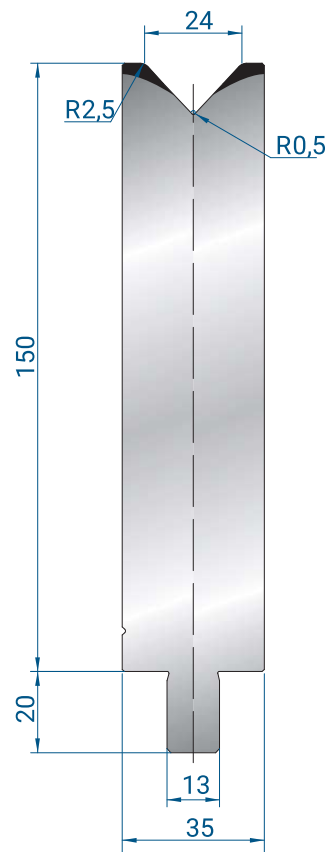


3148

Mat = C45
Max T/m = 100
 $\alpha = 86^\circ$

25-30 mm	1,4 kg
35-40	
45-50	
100 mm	3,6 kg
200 mm	7,2 kg
300 mm	10,8 kg
500 mm	18,0 kg
550 mm	18,0 kg
FRACC.	
1050 mm	37,8 kg
FRACC. B	
1250 mm	45,0kg
FRACC. B	
2050 mm	73,8 kg
FRACC. B	
2550 mm	91,8 kg
FRACC. B	
3050 mm	109,8 kg
FRACC. B	
4050 mm	145,8 kg
FRACC. B	

MATRICES MONO V H150 - 86° C45

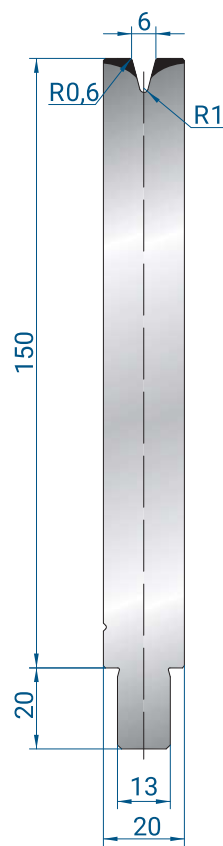


3149

Mat = C45
Max T/m = 100
 $\alpha = 86^\circ$

25-30 mm	1,4 kg
35-40	
45-50	
100 mm	3,6 kg
200 mm	7,2 kg
300 mm	10,8 kg
500 mm	18,0 kg
550 mm	18,0 kg
FRACC.	
1050 mm	37,8 kg
FRACC. B	
1250 mm	45,0kg
FRACC. B	
2050 mm	73,8 kg
FRACC. B	
2550 mm	91,8 kg
FRACC. B	
3050 mm	109,8 kg
FRACC. B	
4050 mm	145,8 kg
FRACC. B	

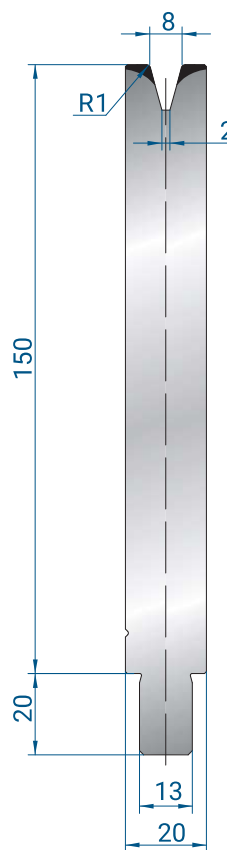
MATRICES MONO V H150 - 30° C45



3150

Mat = C45
Max T/m = 50
 $\alpha = 30^\circ$

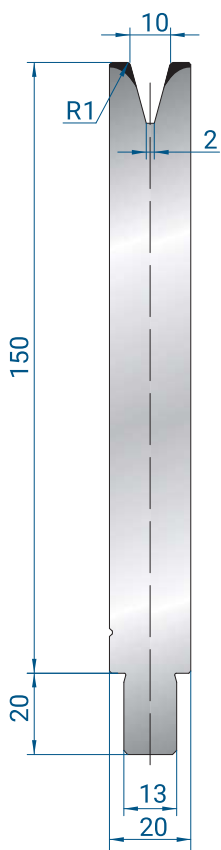
25-30 mm	1,0 kg
35-40	
45-50	
100 mm	2,6 kg
200 mm	5,2 kg
300 mm	7,8 kg
500 mm	13,0 kg
550 mm	13,0 kg
FRACC.	
1050 mm	27,3 kg
FRACC. B	
1250 mm	32,5 kg
FRACC. B	
2050 mm	53,3 kg
FRACC. B	
2550 mm	66,3 kg
FRACC. B	
3050 mm	79,3 kg
FRACC. B	
4050 mm	105,3 kg
FRACC. B	



3151

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

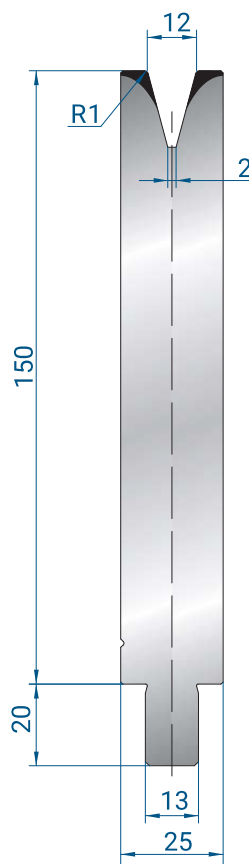
25-30 mm	1,0 kg
35-40	
45-50	
100 mm	2,6 kg
200 mm	5,2 kg
300 mm	7,8 kg
500 mm	13,0 kg
550 mm	13,0 kg
FRACC.	
1050 mm	27,3 kg
FRACC. B	
1250 mm	32,5 kg
FRACC. B	
2050 mm	53,3 kg
FRACC. B	
2550 mm	66,3 kg
FRACC. B	
3050 mm	79,3 kg
FRACC. B	
4050 mm	105,3 kg
FRACC. B	



3152

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

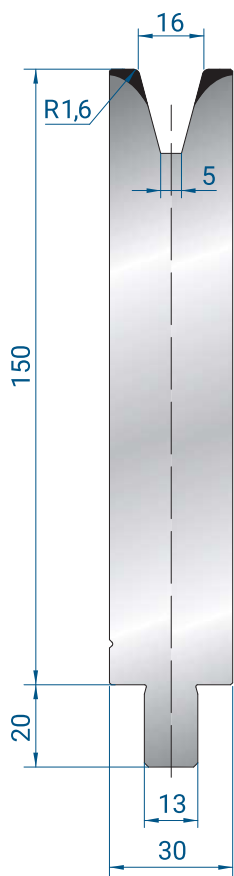
25-30 mm	1,0 kg
35-40	
45-50	
100 mm	2,6 kg
200 mm	5,2 kg
300 mm	7,8 kg
500 mm	13,0 kg
550 mm FRACC.	13,0 kg
1050 mm FRACC. B	27,3 kg
1250 mm FRACC. B	32,5 kg
2050 mm FRACC. B	53,3 kg
2550 mm FRACC. B	55,3 kg
3050 mm FRACC. B	79,3 kg
4050 mm FRACC. B	105,3 kg



3153

Mat = C45
Max T/m = 50
 $\alpha = 30^\circ$

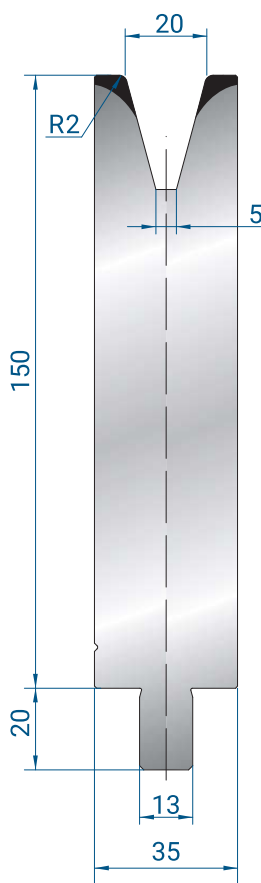
25-30 mm	1,2 kg
35-40	
45-50	
100 mm	3,0 kg
200 mm	6,0 kg
300 mm	9,0 kg
500 mm	15,0 kg
550 mm FRACC.	15,0 kg
1050 mm FRACC. B	31,5 kg
1250 mm FRACC. B	37,5 kg
2050 mm FRACC. B	61,5 kg
2550 mm FRACC. B	76,5 kg
3050 mm FRACC. B	91,5 kg
4050 mm FRACC. B	121,5 kg



3154

Mat = C45
Max T/m = 45
 $\alpha = 30^\circ$

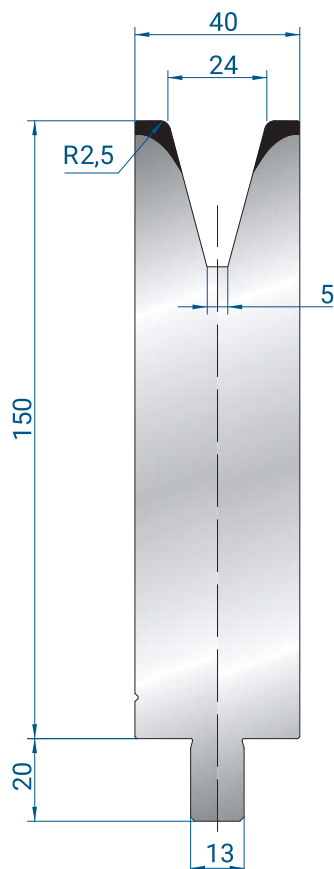
25-30 mm	1,4 kg
35-40	
45-50	
100 mm	3,6 kg
200 mm	7,2 kg
300 mm	10,8 kg
500 mm	18,0 kg
550 mm FRACC.	18,0 kg
1050 mm FRACC. B	37,8 kg
1250 mm FRACC. B	45,0 kg
2050 mm FRACC. B	73,8 kg
2550 mm FRACC. B	91,8 kg
3050 mm FRACC. B	109,8 kg
4050 mm FRACC. B	145,8 kg



3155

Mat = C45
Max T/m = 50
 $\alpha = 30^\circ$

25-30 mm	1,6 kg
35-40	
45-50	
100 mm	4,0 kg
200 mm	8,0 kg
300 mm	12,0 kg
500 mm	20,0 kg
550 mm FRACC.	22,0 kg
1050 mm FRACC. B	42,0 kg
1250 mm FRACC. B	50,0 kg
2050 mm FRACC. B	82,0 kg
2550 mm FRACC. B	102,0 kg
3050 mm FRACC. B	122,0 kg
4050 mm FRACC. B	162,0 kg



3156

Mat = C45

Max T/m = 50

$\alpha = 30^\circ$

25-30 mm	1,7 kg
35-40	
45-50	
100 mm	4,4 kg
200 mm	8,8 kg
300 mm	13,2 kg
500 mm	22,0 kg
550 mm	22,0 kg
FRACC.	
1050 mm	46,2 kg
FRACC. B	
1250 mm	55,0kg
FRACC. B	
2050 mm	90,2 kg
FRACC. B	
2550 mm	112,2 kg
FRACC. B	
3050 mm	134,2 kg
FRACC. B	
4050 mm	178,2 kg
FRACC. B	





4330

Mat = C45

Max T/m = 40

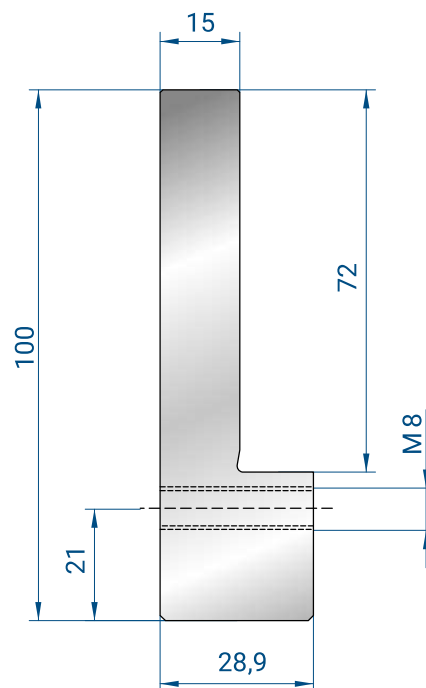
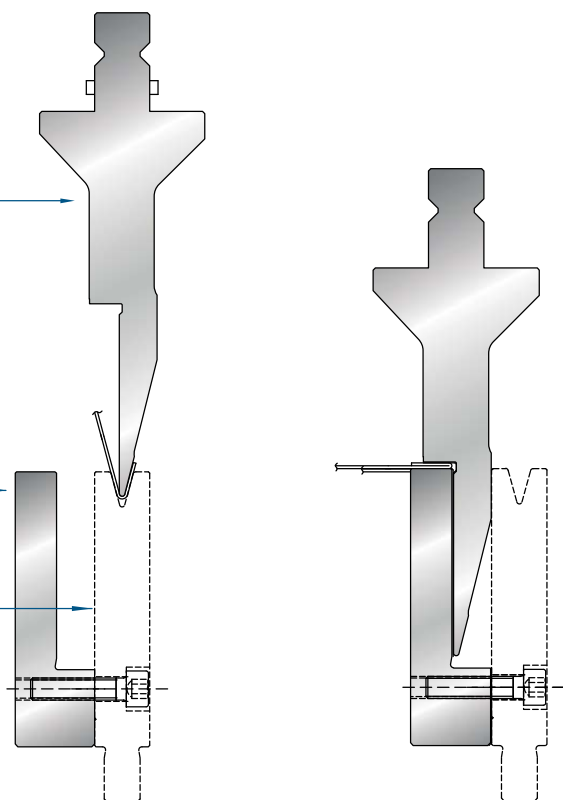
$\alpha = 30^\circ$

25-30 mm	1,0 kg
35-40	
45-50	
100 mm	2,6 kg
200 mm	5,2 kg
300 mm	7,8 kg
500 mm	13,0 kg
550 mm FRACC.	13,0 kg
1050 mm FRACC. B	27,3 kg
1250 mm FRACC. B	32,5 kg
2050 mm FRACC. B	53,3 kg
2550 mm FRACC. B	55,3 kg
3050 mm FRACC. B	79,3 kg
4050 mm FRACC. B	105,3 kg

PUNZÓN DE APLASTADO

ACCESORIO PARA MATRICES TRUMPF

MATRIZ TRUMPF 30° H100

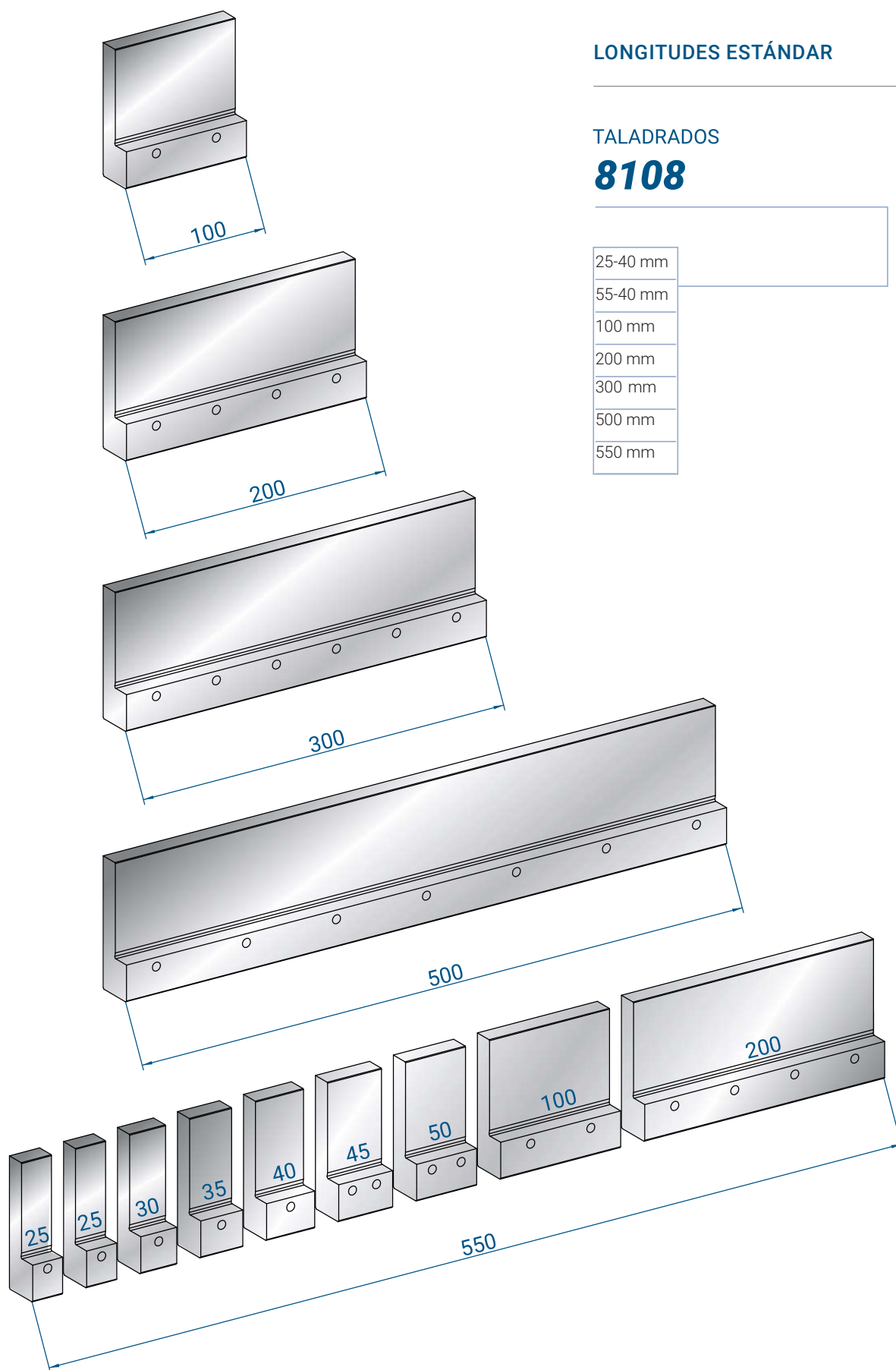


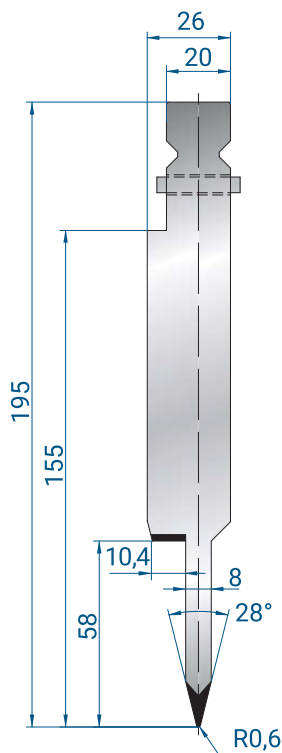
LONGITUDES ESTÁNDAR

TALADRADOS

8108

25-40 mm
55-40 mm
100 mm
200 mm
300 mm
500 mm
550 mm



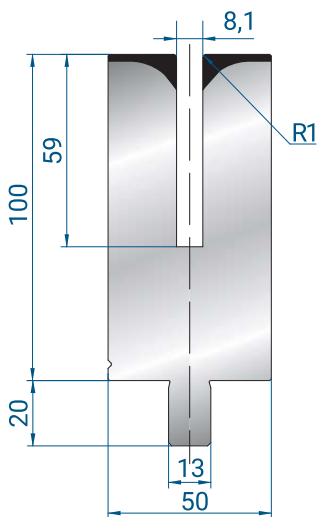


1249

Mat = C45 templado
Max T/m = 80

500mm	14,0 kg
550 mm FRACC.	14,0 kg

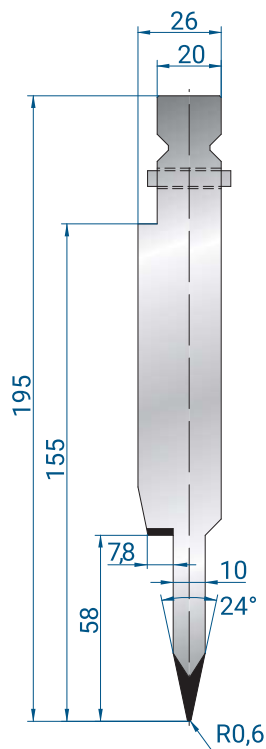
Espesor =
Max. 1,2mm acero dulce



3157

Mat = C45 templado
Max T/m = 50

500mm	21,0 kg
550 mm FRACC.	21,0 kg



1250

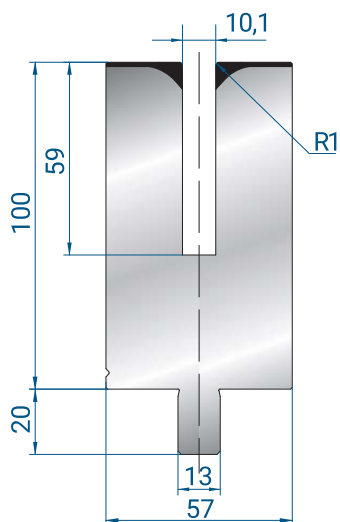
Mat = C45 templado

Max T/m = 50

500mm	14,0 kg
550 mm FRACC.	14,0 kg

Espesor =

Max. 1,5mm acero dulce

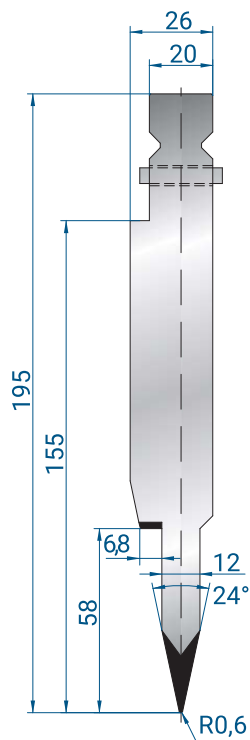


3174

Mat = C45 templado

Max T/m = 50

500mm	20,0 kg
550 mm FRACC.	20,0 kg



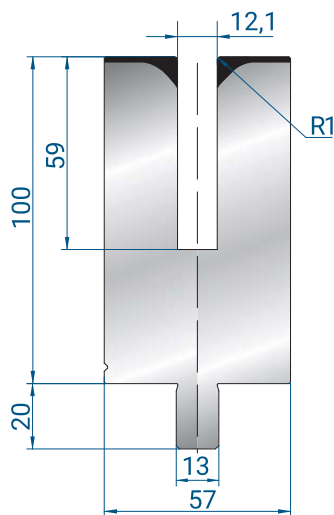
1251

Mat = C45 templado

Max T/m = 50

500mm	15,0 kg
550 mm FRACC.	15,0 kg

Espesor =
Max. 1,5mm acero dulce



3175

Mat = C45 templado

Max T/m = 50

500mm	20,0 kg
550 mm FRACC.	20,0 kg