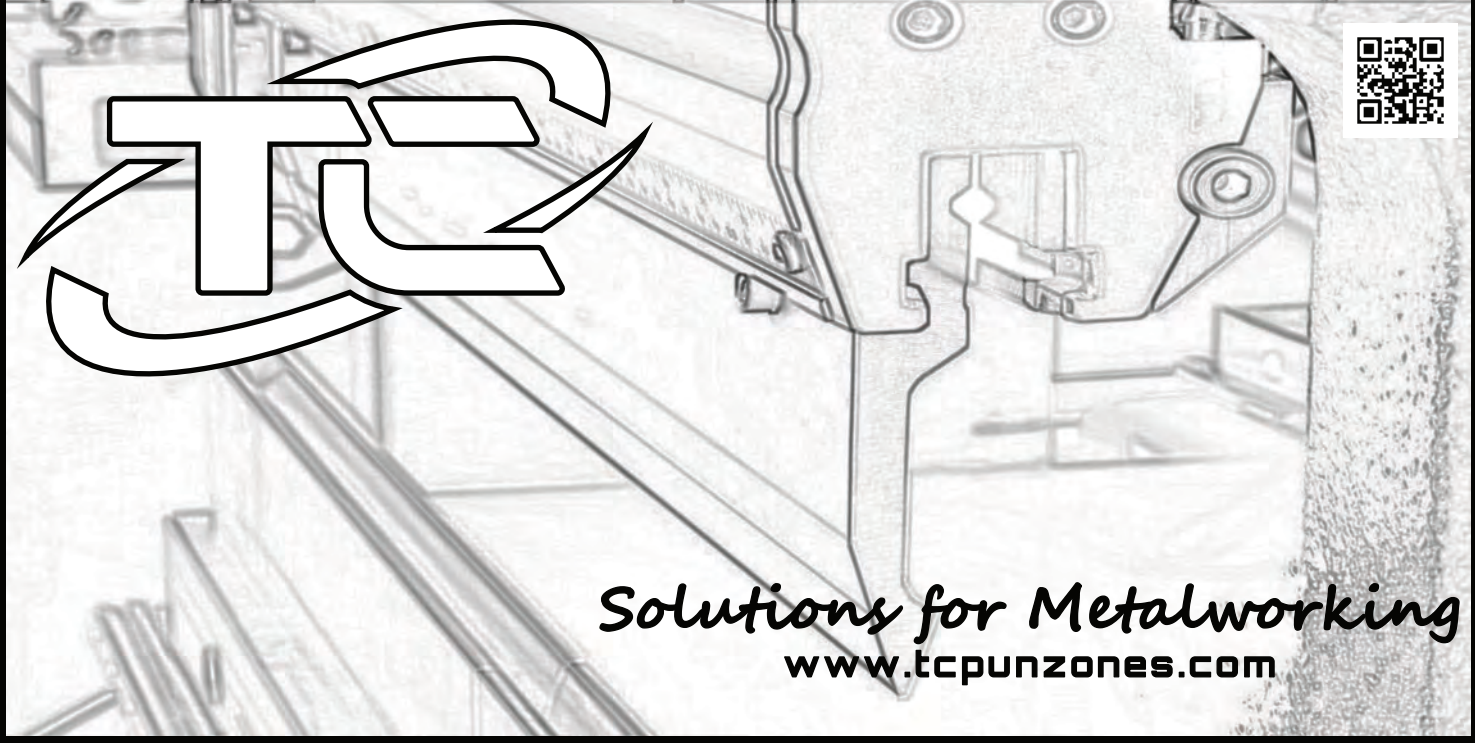
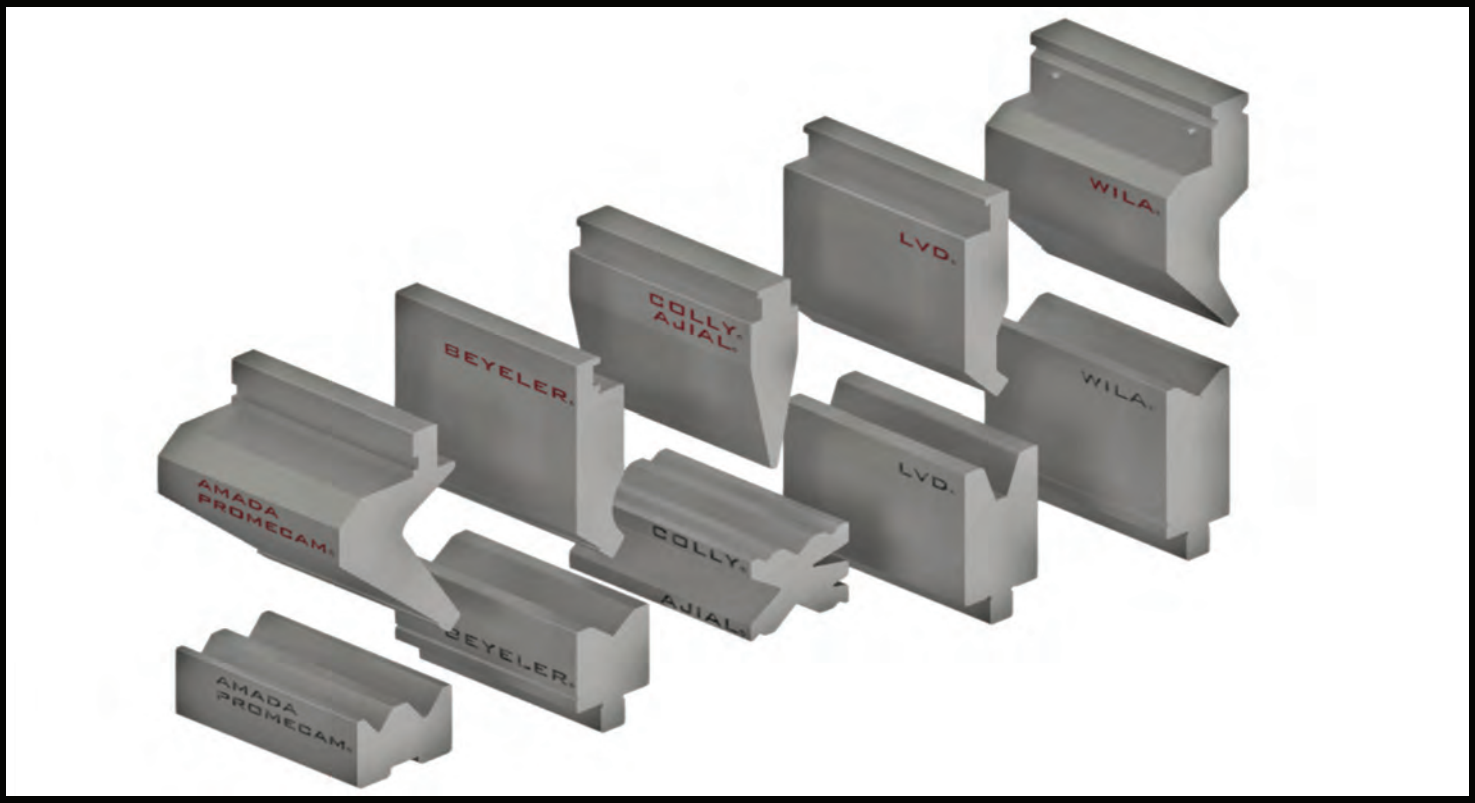




AMADA PROMECAM® system
WILA TRUMPF® system
BEYELER® system
LVD WILA® system
COLLY®AJIAL®AXIAL® system
ACCESORIOS

ÚTILES para PLEGADORA y CIZALLA

PRESS BRAKE TOOLS & SHEAR BLADES

INDICE / INDEX

INDICE INDEX

AMADA PROMECAM

WILA TRUMPF

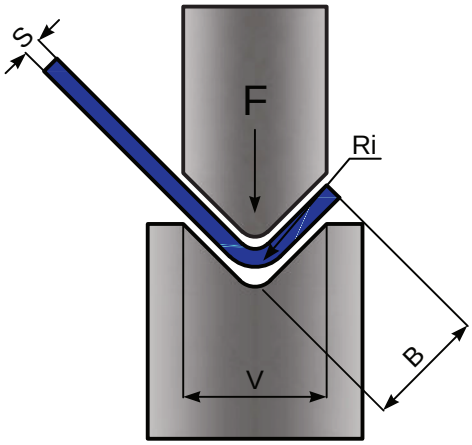
BEYELER

LVD WILA

COLLY AJIAL / AXIAL

ACCESORIOS ACCESSOIRES

CÁLCULO DE FUERZA PARA PLEGADO AL AIRE
FORCE CALCULATION FOR AIR BENDING



S	Espesor de chapa - mm Sheet thickness - mm
V	Obertura de la V V opening
F	Fuerza en T/m Force T/m
V	Obertura mínima Shortest edge
Ri	Radio interno Inside radius
R	Aluminio 20 - 25 Kg/mm² Alluminium 20 - 25 Kg/mm²
R	Hierro 40 - 45 Kg/mm² Mild steel 20 - 25 Kg/mm²
R	Ac. inox 60 - 70 Kg/mm² Stainless steel 60 - 70 Kg/mm²

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

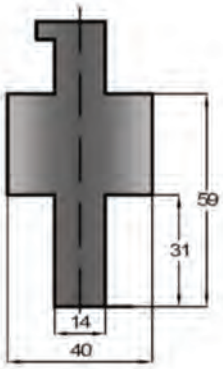
TABLA DE PLEGADO AL AIRE - para plegado 90º con chapa R= 45 Kg/mm²
Air bending chart - for 90º bending, resistance sheet R= 45 Kg/mm²

S	6	8	10	12	16	20	25	32	40	50	63	80	100	125	160	200	250	V
	4	5.5	7	8.5	11	14	17.5	22	28	35	45	55	71	89	113	140	175	B
	1	1.3	1.6	2	2.6	3.3	4	5	6.5	8	10	13	16	20	26	33	41	Ri
mm																		
0.5	3																	
0.6	4	4																
0.8	7	5	4															
1	11	8	7	6														
1.2	16	12	10	8	6													
1.5		17	15	13	9	8												
2			27	22	17	13	11											
2.5				35	26	21	11	13										
3					38	30	24	19	15									
4						54	42	34	27	21								
5							67	52	42	33	26							
6								75	60	48	38	30						
8									107	85	68	53	43					
10										134	105	85	67	53				
12											153	120	95	78	60			
15												188	150	120	95	75		F
20													270	215	170	135	108	

T/m

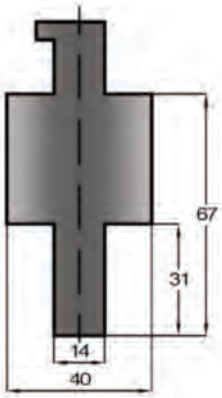
COD 40.000

100 T/m



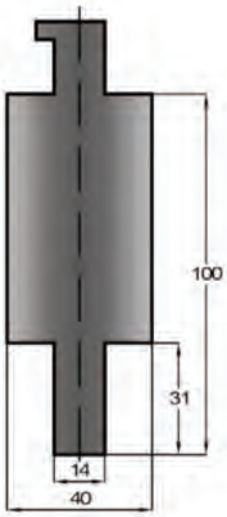
COD 40.010

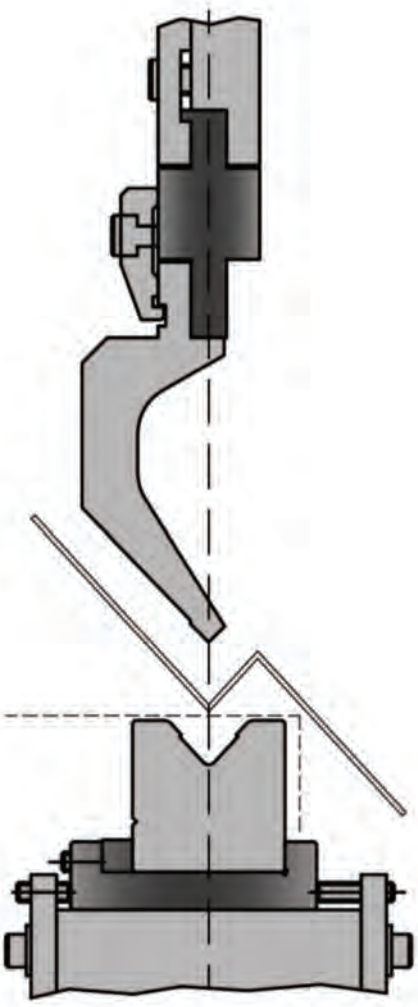
100 T/m



COD 40.020

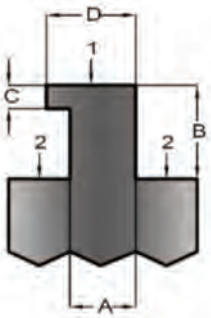
100 T/m





INDICAR MEDIDAS DE CABEZA Y PUNTOS DE PRESIÓN
DIMENSIONS OF HEAD AND PRESSURE POINTS

A		
B		
C		
D		



COD 90.100

L=2100

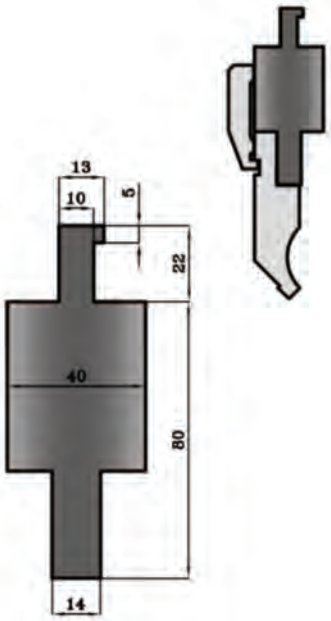
COD 90.099

L=1050/SECCIONADO

LVD

COD 41.430

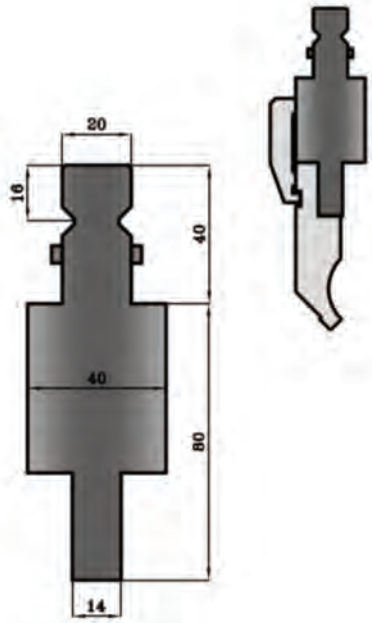
L =150mm



WILA/TRUMPF

COD 41.910

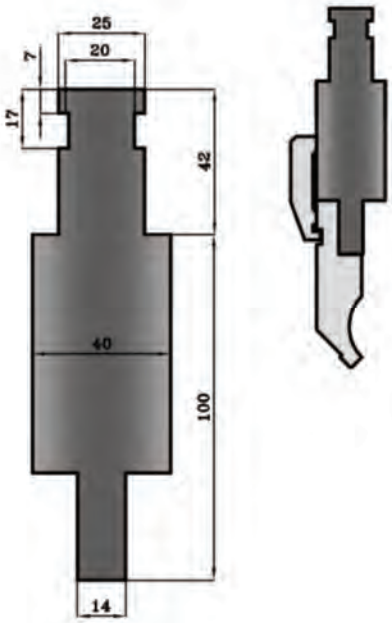
L =150mm



WEINBRENNER

COD 42.150

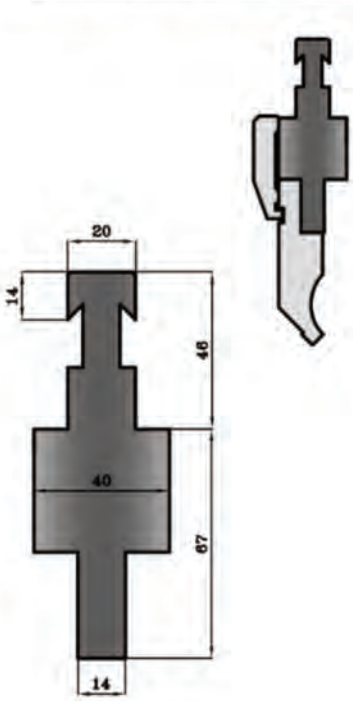
L =150mm



BEYELER-R

COD 41.920

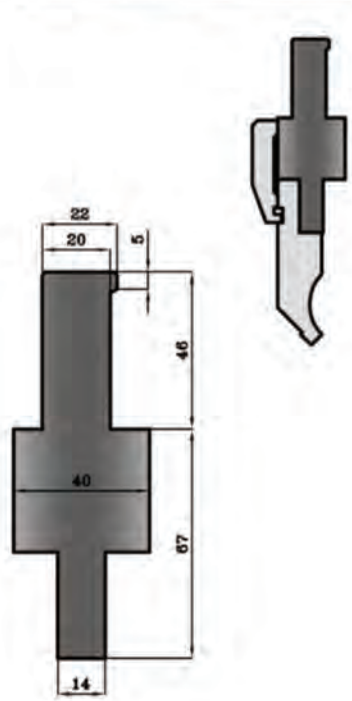
L =150mm



BEYELER-S

COD 41.930

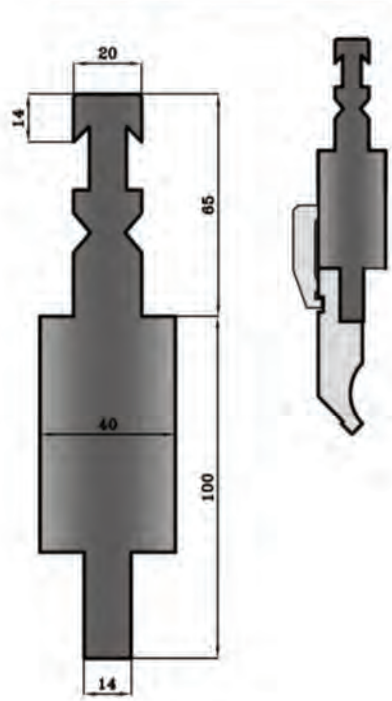
L =150mm



BEYELER-RFA

COD 41.140

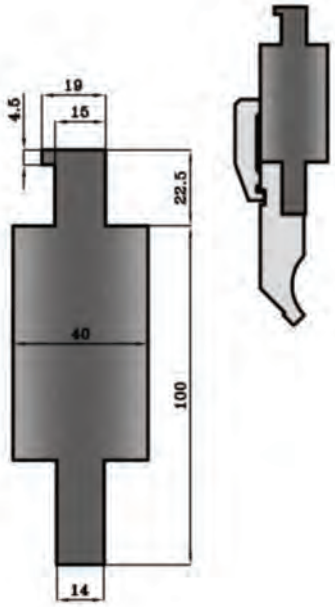
L =150mm



CBC

COD 42.160

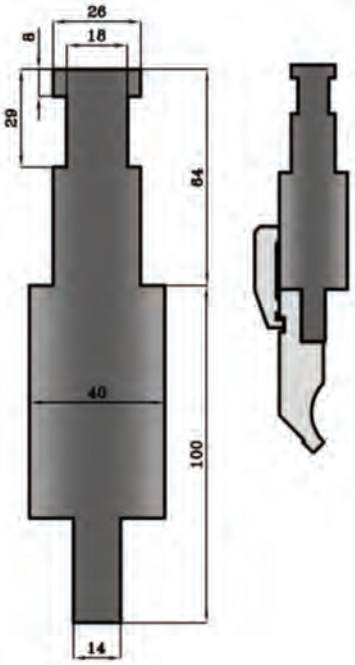
L = 150mm



EHT

COD 42.170

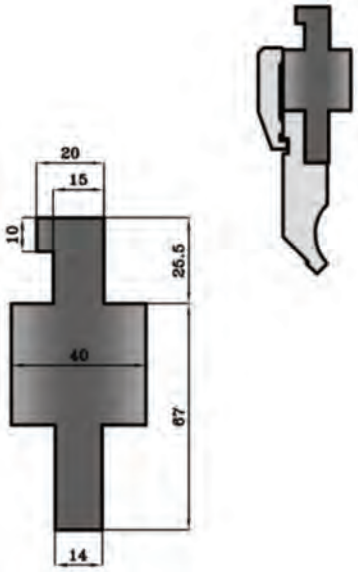
L = 150mm



DURMAZLAR

COD 42.180

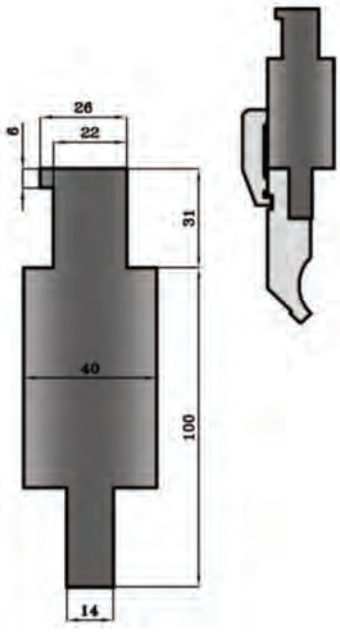
L = 150mm



DARLEY

COD 42.290

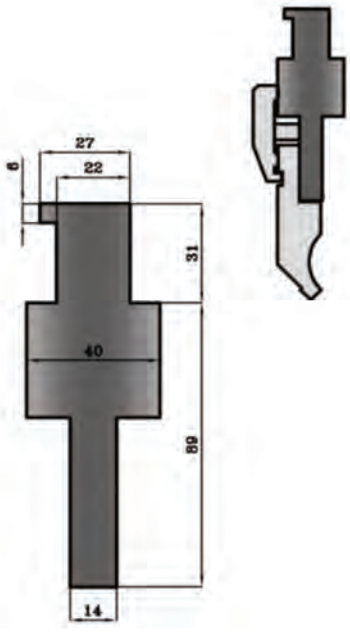
L = 150mm



BAYKAL

COD 42.720

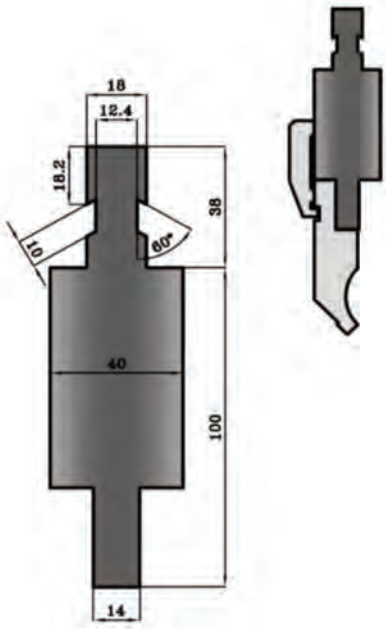
L = 150mm



COLGAR

COD 42.730

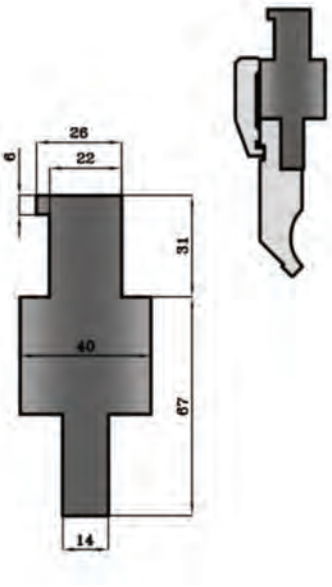
L = 150mm



DARLEY

COD 42.731

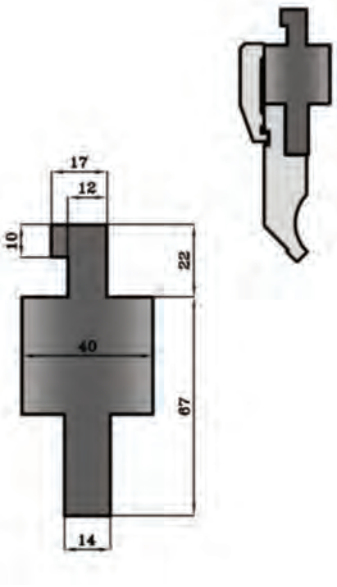
L =150mm



HACO

COD 42.732

L =150mm

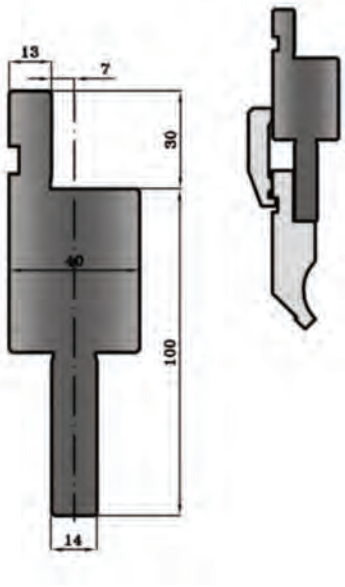


INETERMEDIO NO AJUSTABLE

NOT ADJUSTABLE INTERMEDIATE

COD 42.733

L =150mm

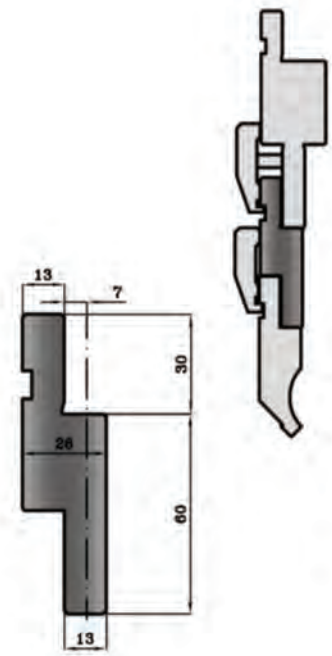


PROLONGACIONES

EXTENSION

COD 42.734

L =150mm

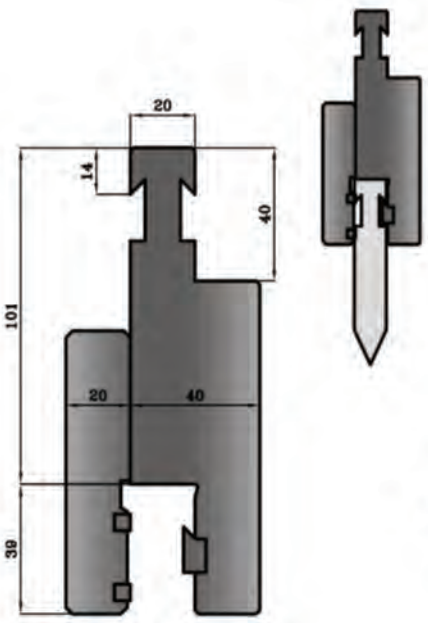


PROLONGACIONES BEYELER-R

BEYELER-R EXTENSION

COD 42.735

L =150mm

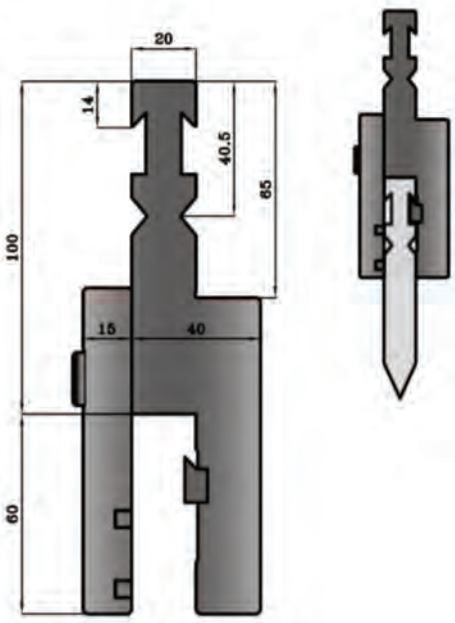


PROLONGACIONES BEYELER-RFA

BEYELER-RFA EXTENSION

COD 42.736

L =150mm

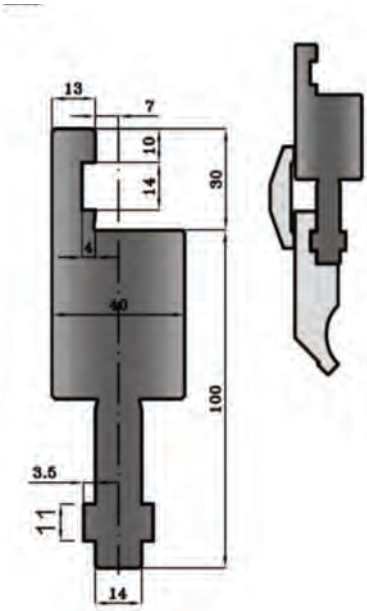


PROLONGACIONES BEYELER-R

BEYELER-R EXTENSION

COD 42.737

L =150mm

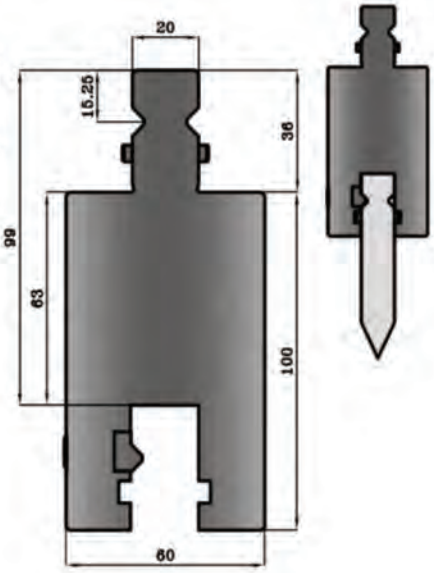


PROLONGACIONES WILA/TRUMPF

WILA/TRUMPF EXTENSION

COD 42.738

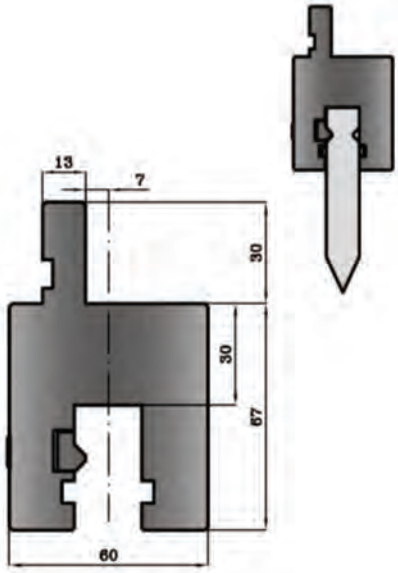
L =150mm



AMADA/WILA-TRUMPF

COD 42.739

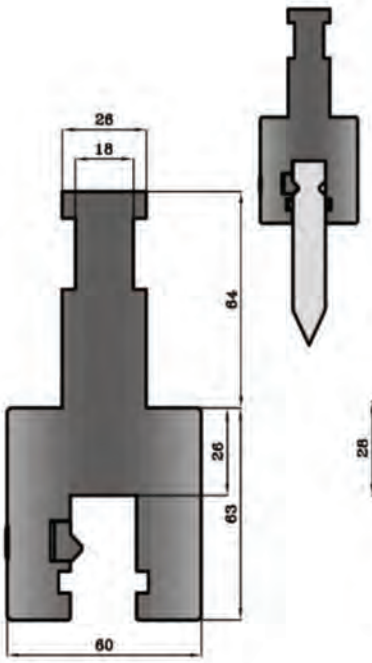
L =150mm



EHT/WILA-TRUMPF

COD 42.721

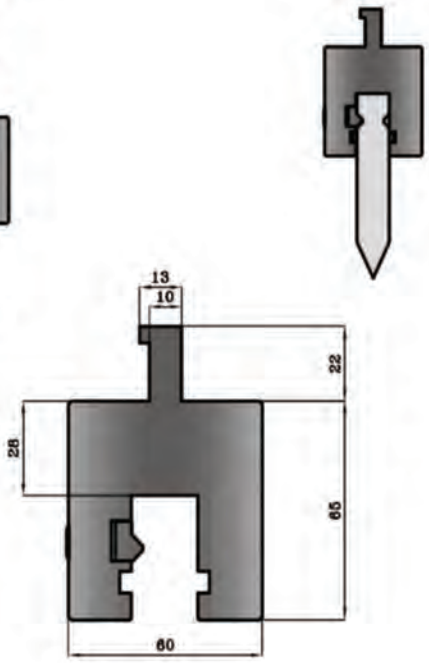
L =150mm



LVD/WILA-TRUMPF

COD 42.722

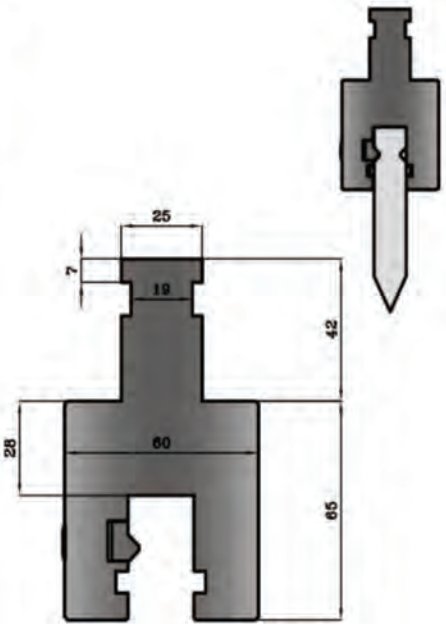
L =150mm



WEINBRENNER/WILA-TRUMPF

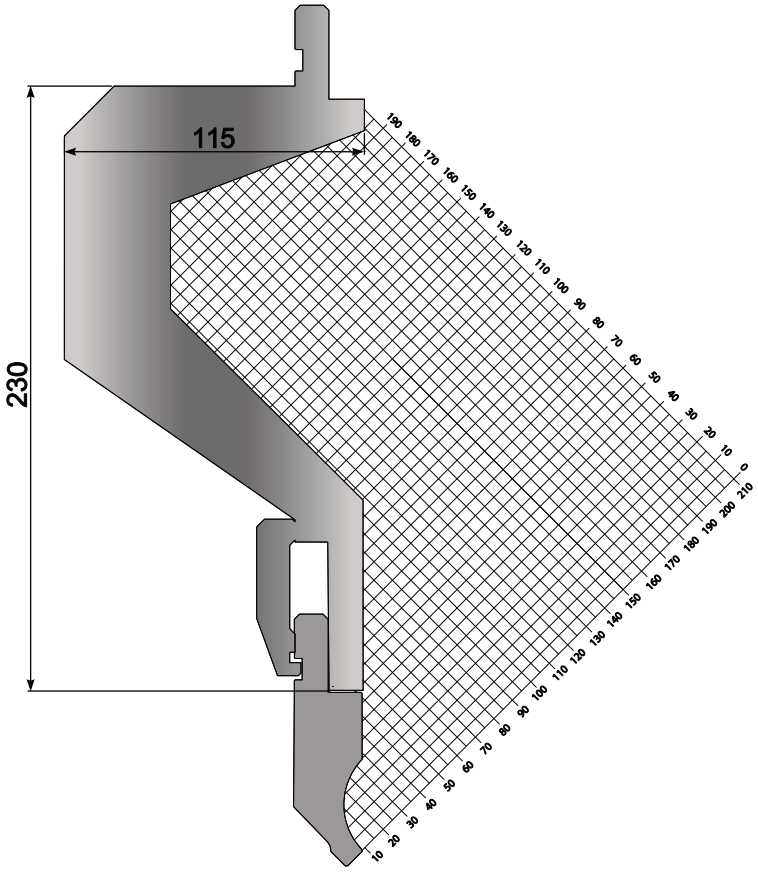
COD 42.723

L =150mm



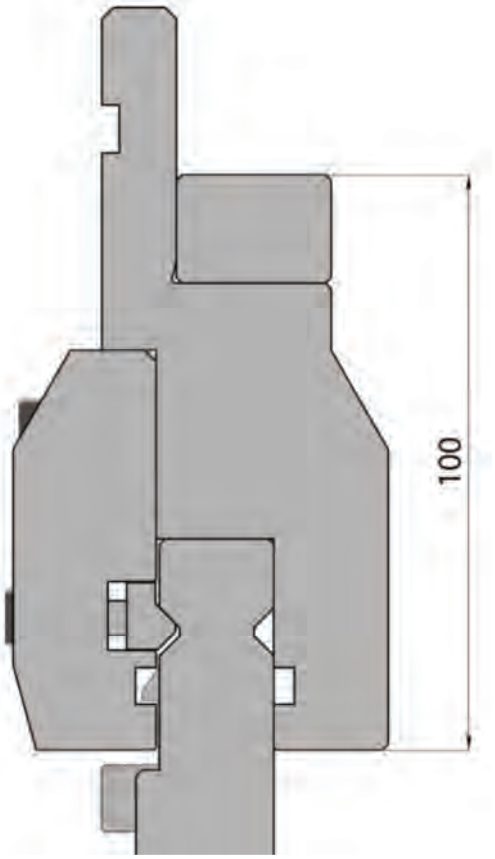
COD 42.270

L =150mm



COD 42.741

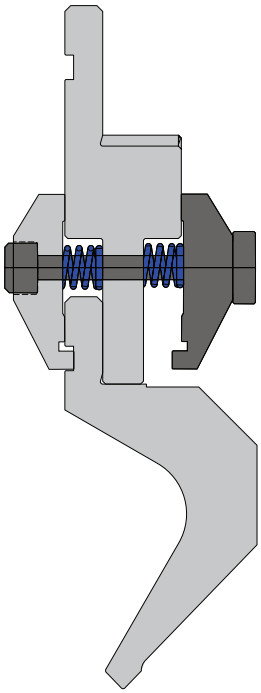
L =160mm
H =100mm

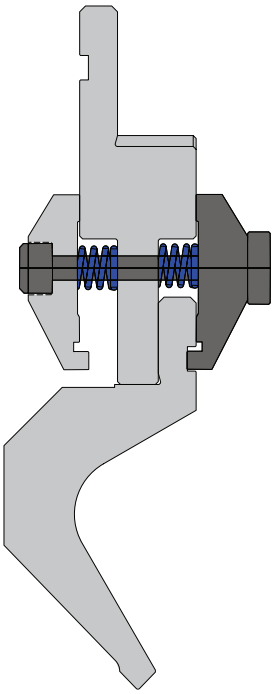


KIT DOBLE ANCLAJE
DOUBLE CLAMPING KIT

COD 50.150

L =150mm





INTERMEDIOS AJUSTABLES
ADJUSTABLE INTERMEDIATES

COD 42.210

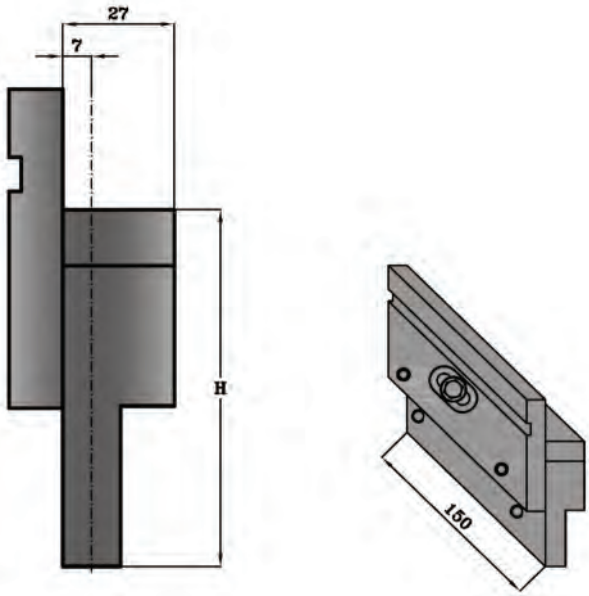
H=100mm / 3.8Kg

COD 42.220

H=120mm / 4.8Kg

COD 42.230

H=150mm / 5.8Kg

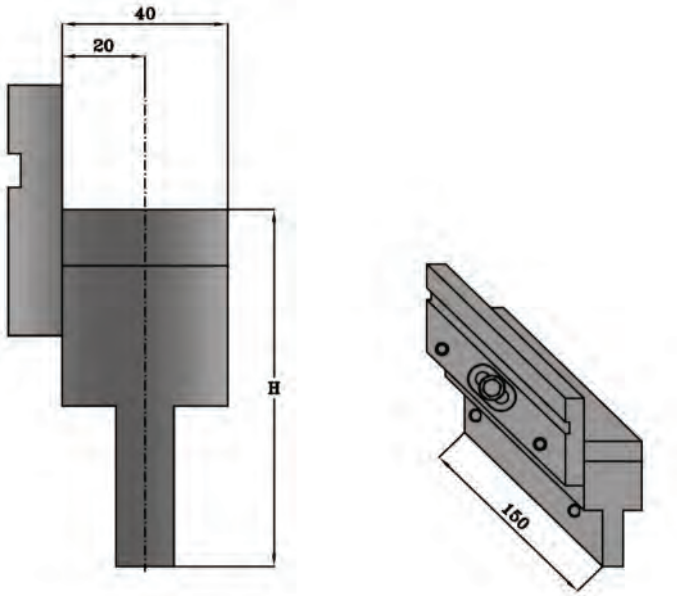


COD 42.240

H=100mm / 3.5Kg

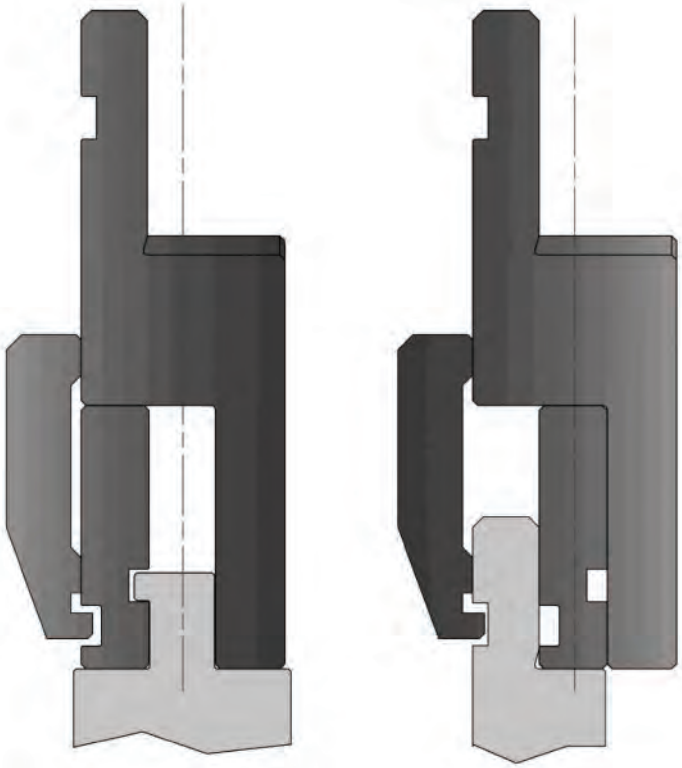
COD 42.250

H=120mm / 4.5Kg



COD 42.260

H=100mm / 4.5Kg



INTERMEDIO AMERICANO AJUSTABLE

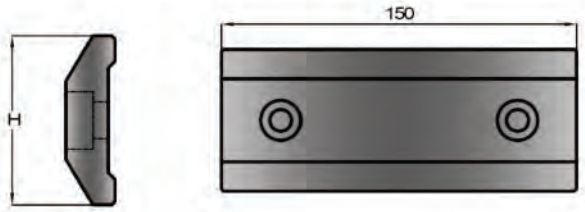
AMERICAN ADJUSTABLE INTERMEDIATES

COD 40.160

H=50mm/0.4Kg

COD 50.130

H=43mm/0.4Kg



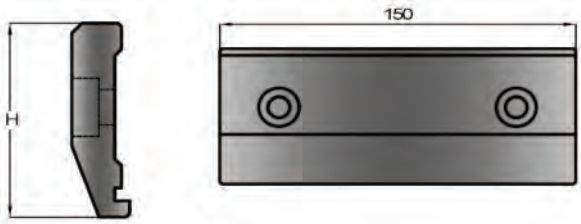
COD 40.200

H=60mm/0.8Kg

COD 50.120

H=52mm/0.8Kg

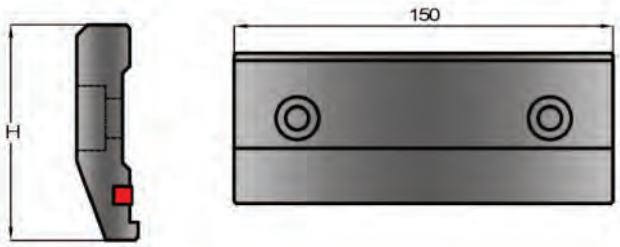
MORDAZA DE SEGURIDAD
SAFETY CLAMP



COD 41.990

H=60mm/0.8Kg

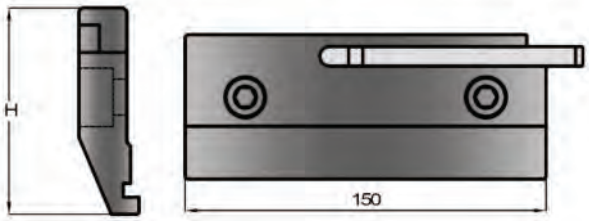
MORDAZA DE SEGURIDAD CON INSERTO DE POLIURETANO
SAFETY CLAMP WITH POLIURETHANE



COD 40.090

H=60mm/0.8Kg

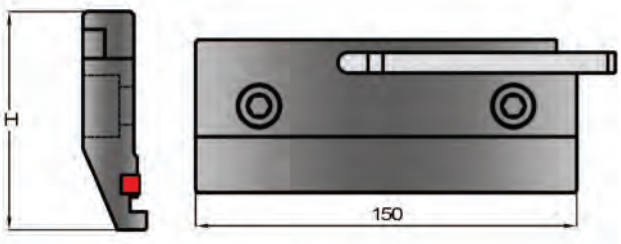
MORDAZA DE ANCLAJE RÁPIDO
QUICK CLAMP



COD 42.200

H=60mm/0.8Kg

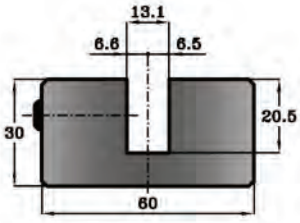
MORDAZA DE ANCLAJE RÁPIDO CON POLIURETANO
QUICK CLAMP WITH POLIURETHANE

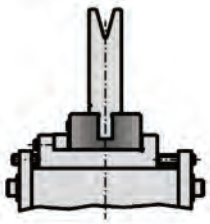


AMADA-BEYELER/TRUMPF

COD 43.010

L =1000mm/L=500mm

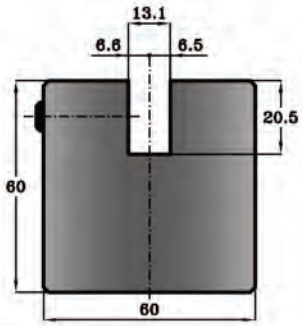


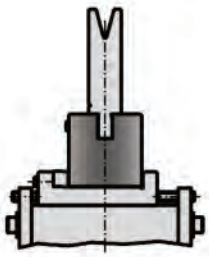


AMADA-BEYELER/TRUMPF

COD 43.020

L =1000mm/L=500mm

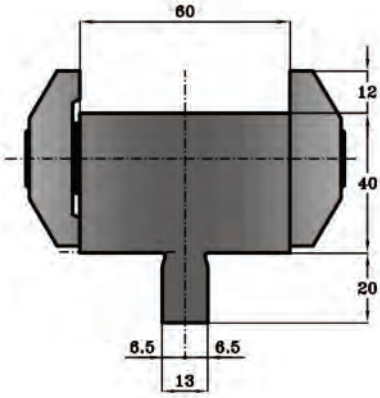


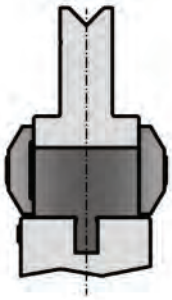


AMADA-BEYELER/TRUMPF

COD 43.030

L =835mm/L=415mm

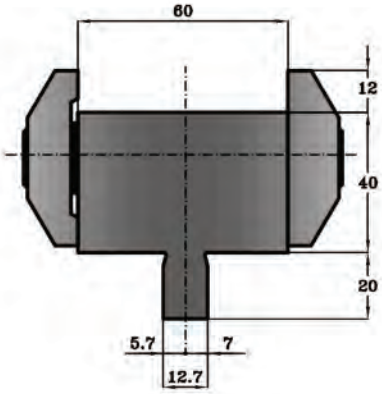


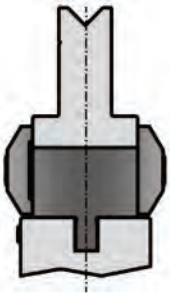


LVD-AMADA

COD 43.040

L =835mm/L=415mm

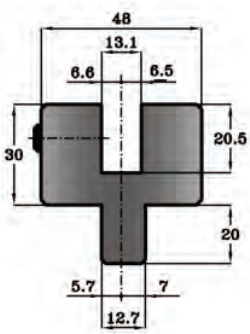


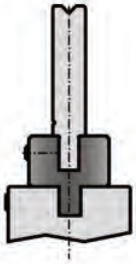


AMADA-BEYELER/TRUMPF

COD 43.050

L =1000mm/L=500mm



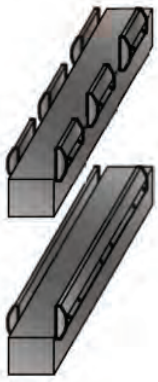


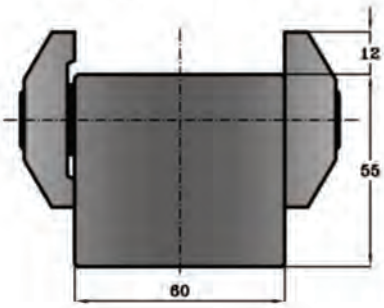
AMADA

COD 43.050

L =835mm/22Kg

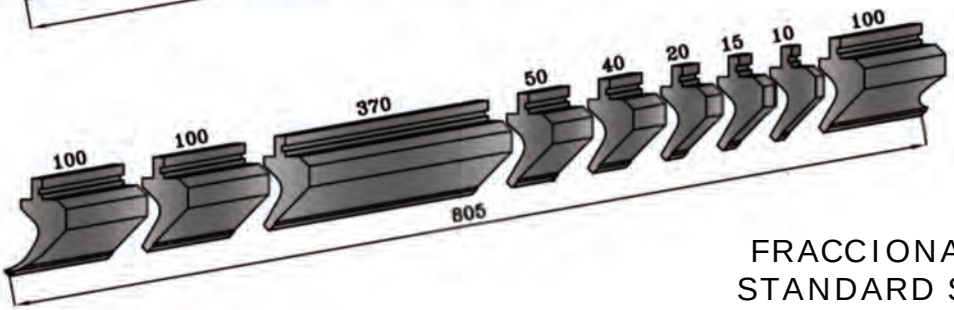
COD 40.500

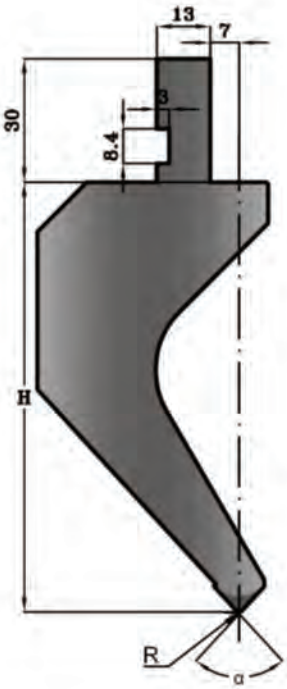




LOS PUNZONES ESTÁNDAR ESTAN DISPONIBLES EN LARGOS 415mm, 835mm Y FRACCIONADO DE 805mm
STANDARD PUNCHES ARE AVAILABLE LEGHTS IN 415mm, 835mm AND 805mm SEGMENTATION

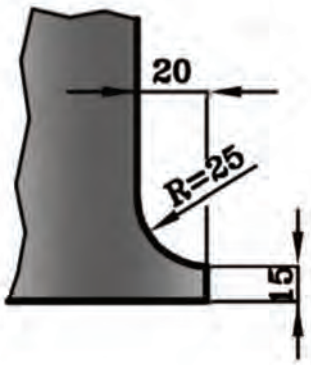
LEYENDA / DESCRIPTION
H = ALTURA PUNZÓN / PUNCH HEIGHT
α = ÁNGULO PUNZÓN / PUNCH DEGREE
R = RADIO PUNZÓN / PUNCH RADIUS

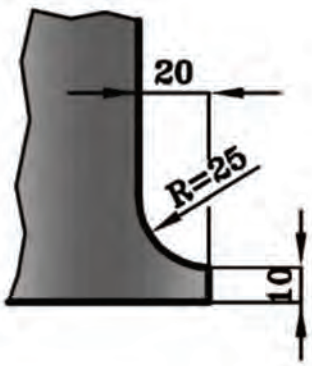




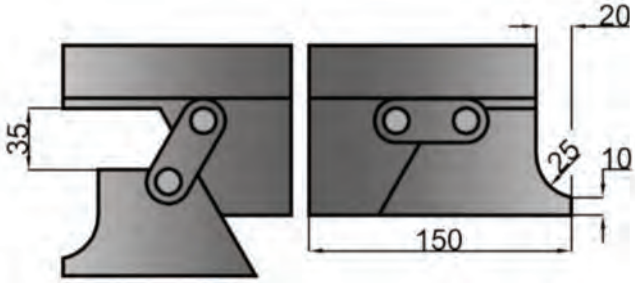
FRACCIONADO ESTÁNDAR
STANDARD SEGMENTATION

BIGORNIA FRACCIONADO ESTÁNDAR
STANDARD HORN

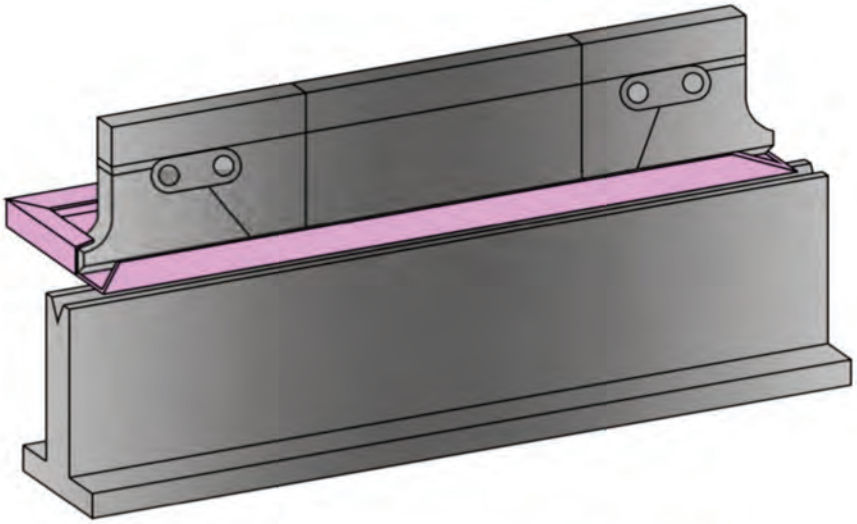


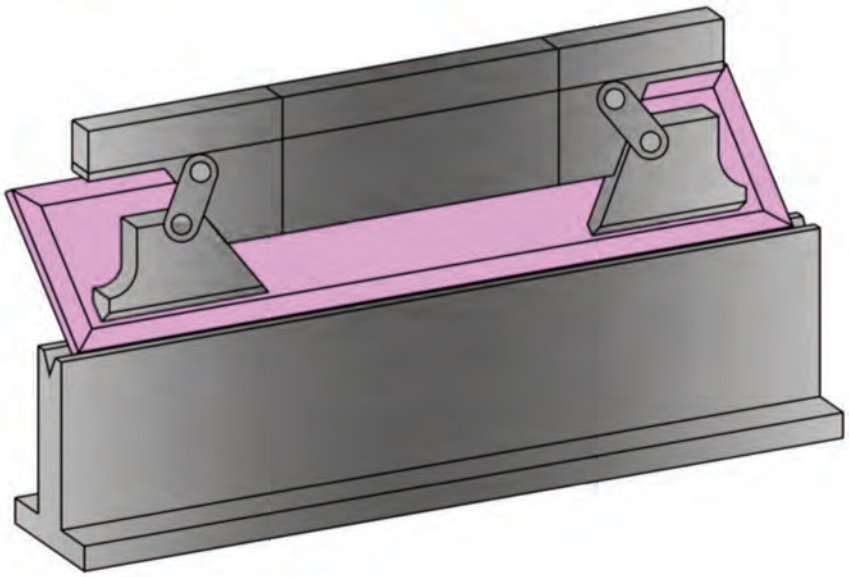


BIGORNIA MÓVIL COMBINADO CON LOS MODELOS LISTADOS
MOVIL HORNS COMBINATED WITH LISTED MODELS



CÓDIGO BIGORNIA MÓVIL MOVIL HORN CODE	CÓDIGO PUNZÓN PUNCH CODE
10.100 S	10.100
10.110 S	10.110
10.640 S	10.640
10.650 S	10.650

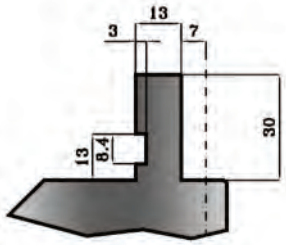




RANURADO DE SEGURIDAD
SAFETY GROOVE

COD 80.120

RANURADO ESTÁNDAR
STANDARD GROVEE

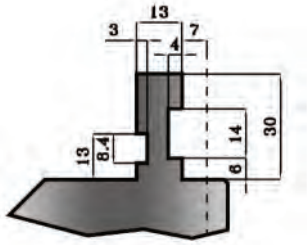


COD 80.201

RANURADO ESTÁNDAR
STANDARD GROVEE

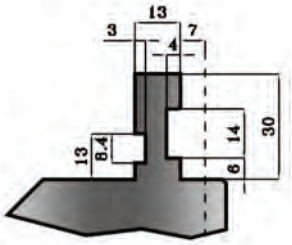
COD 80.201

RANURADO A PETICIÓN
GROVEE ON REQUEST



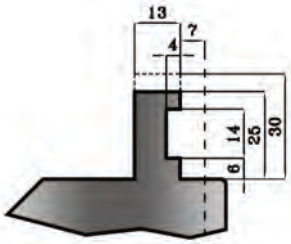
COD 80.170

RANURADO A PETICIÓN
GROVEE ON REQUEST



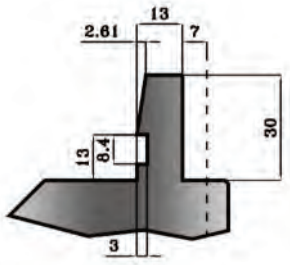
COD 80.160

RANURADO A PETICIÓN
GROVEE ON REQUEST



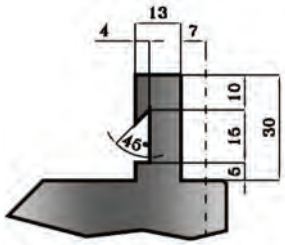
COD 80.200

RANURADO A PETICIÓN
GROVEE ON REQUEST



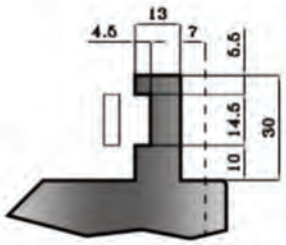
COD 80.130

RANURADO A PETICIÓN
GROVEE ON REQUEST



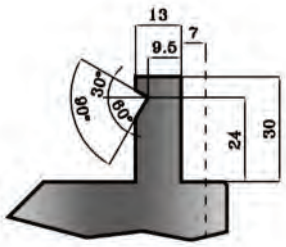
COD 80.100

RANURADO A PETICIÓN
GROVEE ON REQUEST



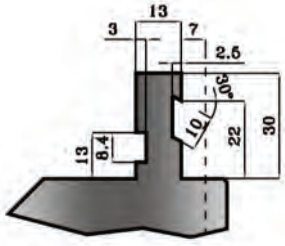
COD 80.110

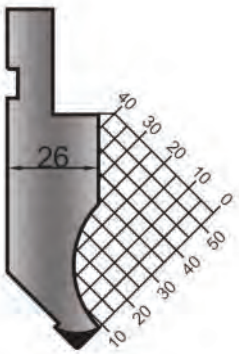
RANURADO A PETICIÓN
GROVEE ON REQUEST



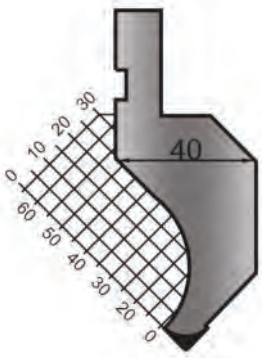
COD 80.140

RANURADO A PETICIÓN
GROVEE ON REQUEST

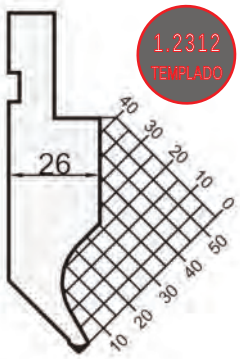




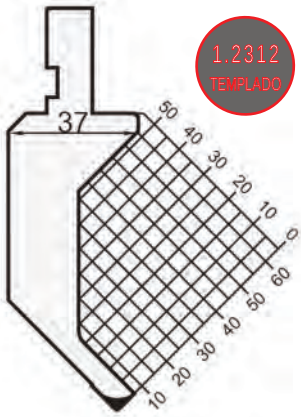
COD	α	R	H	MAX Tn/mt
10.100	90°	0.80	66.65	100
10.110	88°	0.80	66.65	100
10.120	88°	3.00	65.50	100
10.640	90°	0.25	66.60	100
10.650	88°	0.25	66.60	100
11.770	85°	3.00	65.50	100
12.600	85°	0.80	66.60	100
10.101	85°	0.25	66.50	100



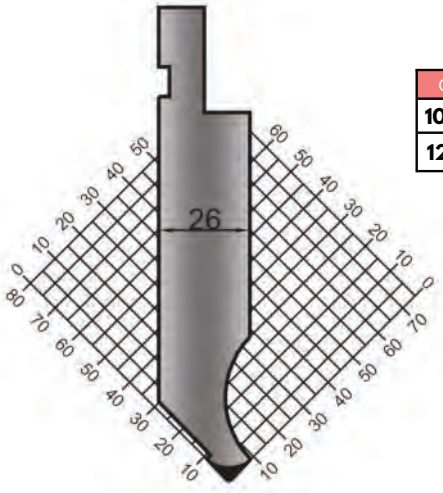
COD	α	R	H	MAX Tn/mt
10.800	90°	0.80	66.65	60
10.810	88°	0.80	66.65	60



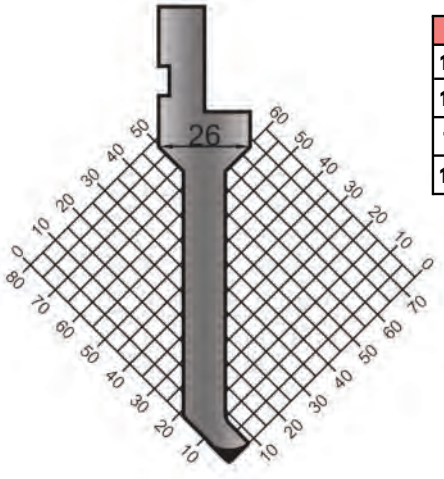
COD	α	R	H	MAX Tn/mt
10.480	90°	0.60	66.40	35
10.490	88°	0.60	66.40	35
12.630	90°	0.25	66.35	35
12.640	88°	0.25	66.35	35



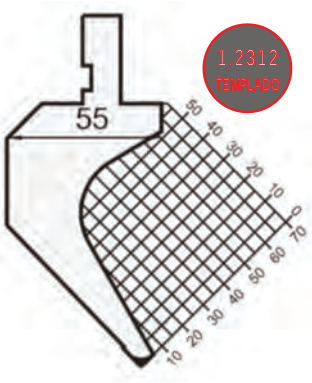
COD	α	R	H	MAX Tn/mt
10.190	90°	0.60	84.16	20
10.200	88°	0.60	84.15	20



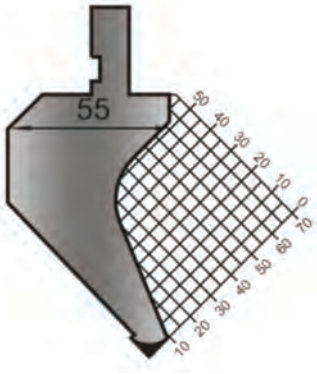
COD	α	R	H	MAX Tn/mt
10.630	88°	0.80	104.65	100
12.810	85°	0.80	104.65	100



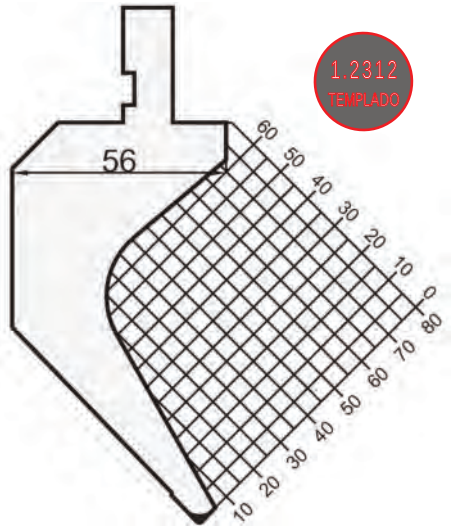
COD	α	R	H	MAX Tn/mt
10.280	90°	0.60	99.40	50
10.290	88°	0.60	99.40	50
12.610	90°	0.25	99.35	50
12.620	88°	0.25	99.35	50



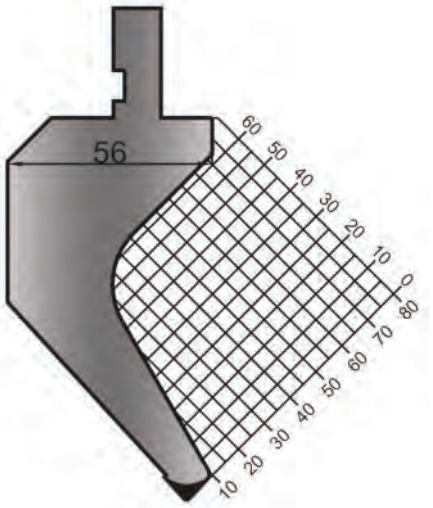
COD	α	R	H	MAX Tn/mt
11.760	90°	0.25	89.88	50
11.750	88°	0.80	89.65	50



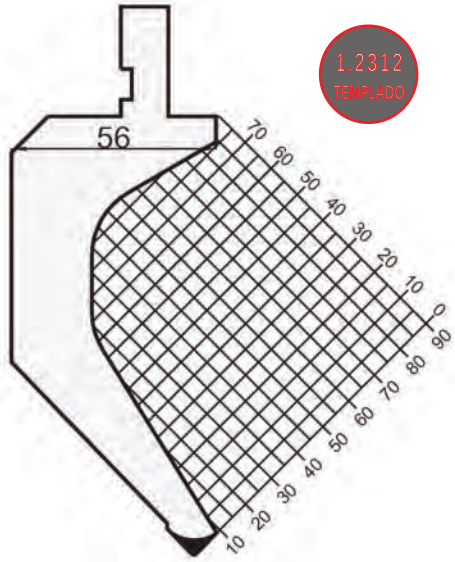
COD	α	R	H	MAX Tn/mt
10.130	90°	0.80	89.65	60
10.140	88°	0.80	89.65	60
10.150	88°	3.00	88.50	60
12.650	90°	0.25	89.60	60
12.660	88°	0.25	89.60	60



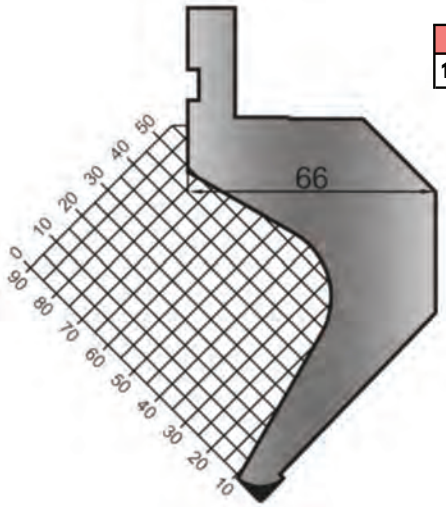
COD	α	R	H	MAX Tn/mt
11.740	90°	0.25	104.88	50
11.730	88°	0.80	104.65	50



COD	α	R	H	MAX Tn/mt
10.160	90°	0.80	104.40	50
10.170	88°	0.80	104.65	50
10.180	88°	3.00	103.50	50
11.720	85°	0.80	104.60	50
12.670	90°	0.25	104.60	50
12.680	88°	0.25	104.60	50

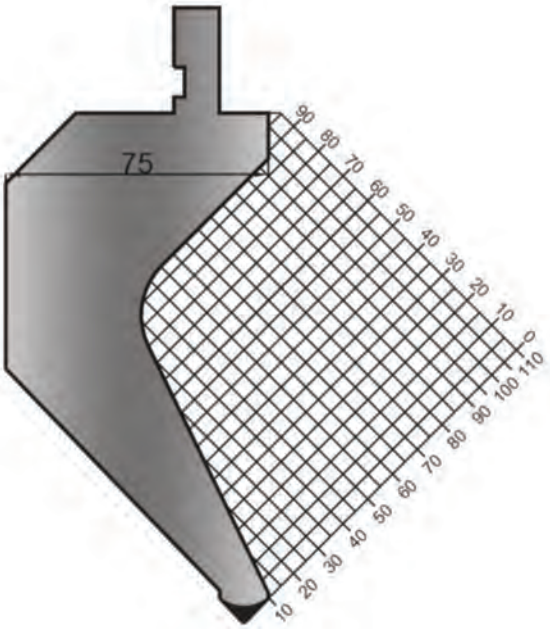


COD	α	R	H	MAX Tn/mt
10.600	90°	0.80	120.00	50
10.610	88°	0.80	120.00	50
10.620	88°	3.00	119.00	50

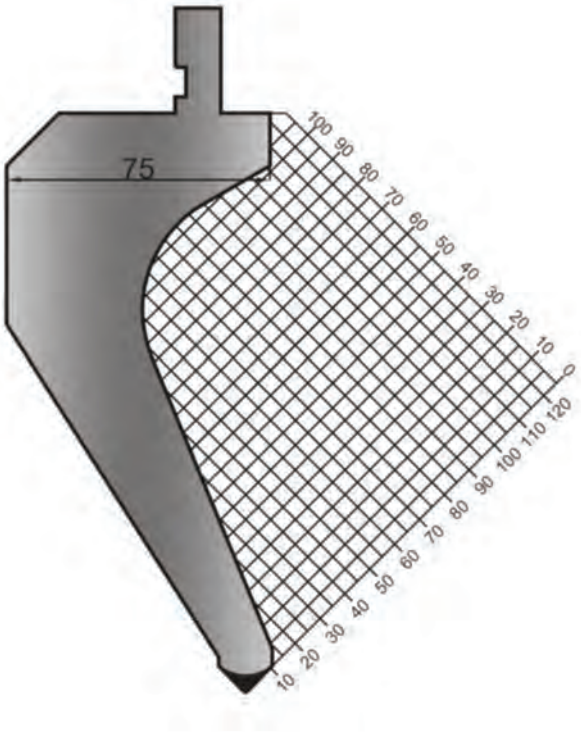


COD	α	R	H	MAX Tn/mt
10.820	88°	0.80	104.65	45

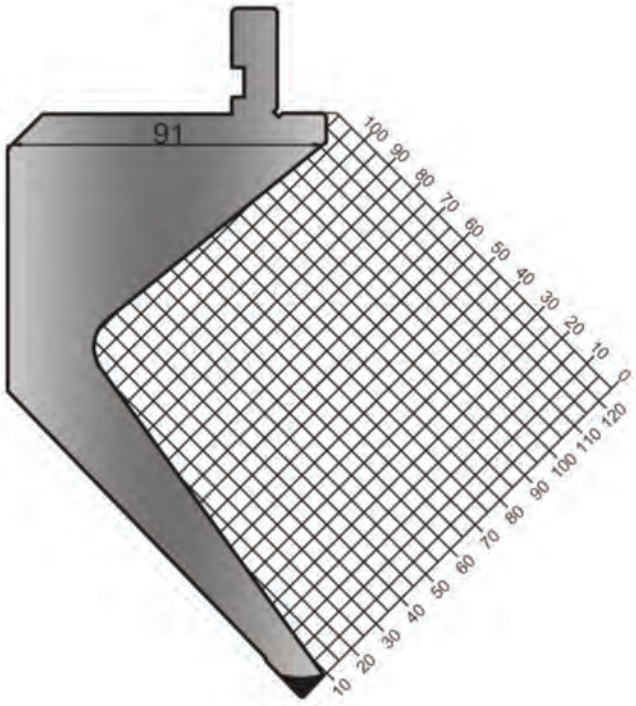
AMADA PROMECAM®



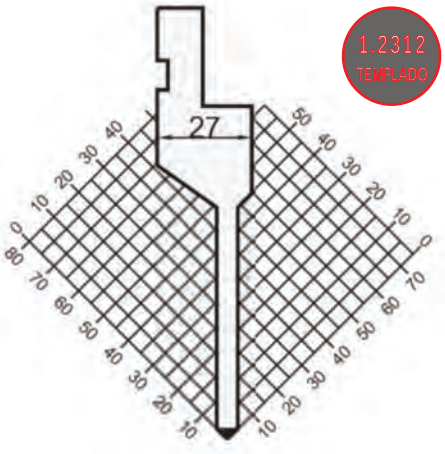
COD	α	R	H	MAX Tn/mt
10.300	88°	0.80	145.00	80



COD	α	R	H	MAX Tn/mt
10.310	88°	0.80	165.00	60

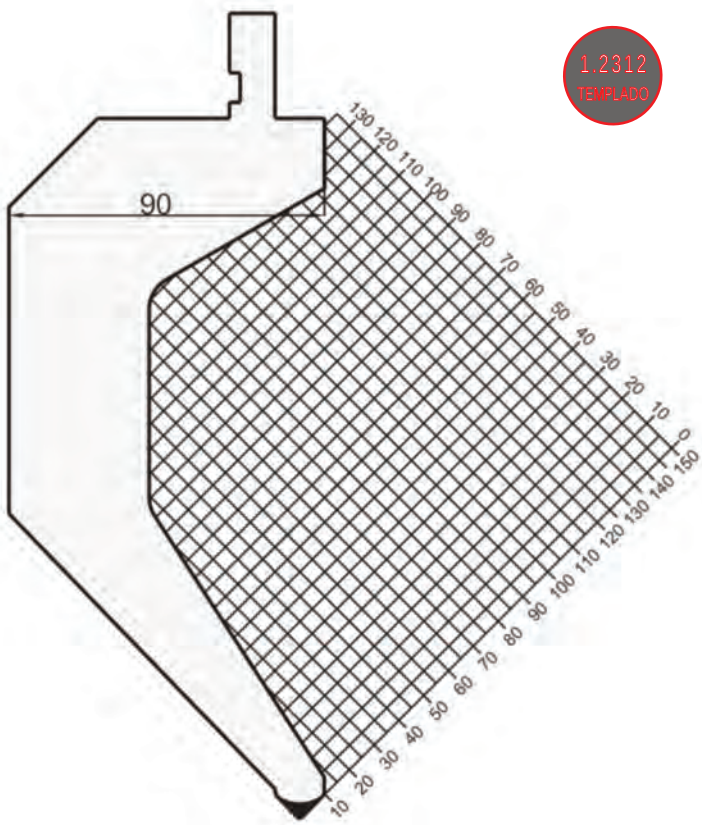


COD	α	R	H	MAX Tn/mt
10.301	88°	0.60	167.00	30
10.302	85°	0.80	167.00	30

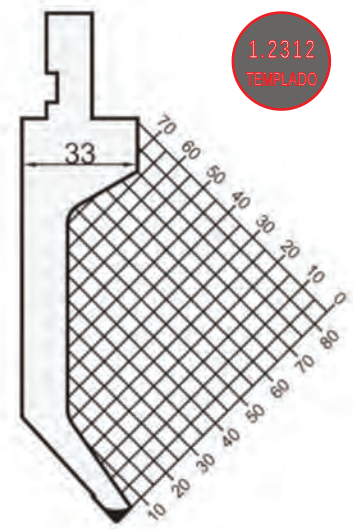


COD	α	R	H	MAX Tn/mt
10.830	90°	0.60	94.40	50
12.690	90°	0.25	94.35	50
10.840	88°	0.60	94.40	50
12.700	88°	0.25	94.35	50

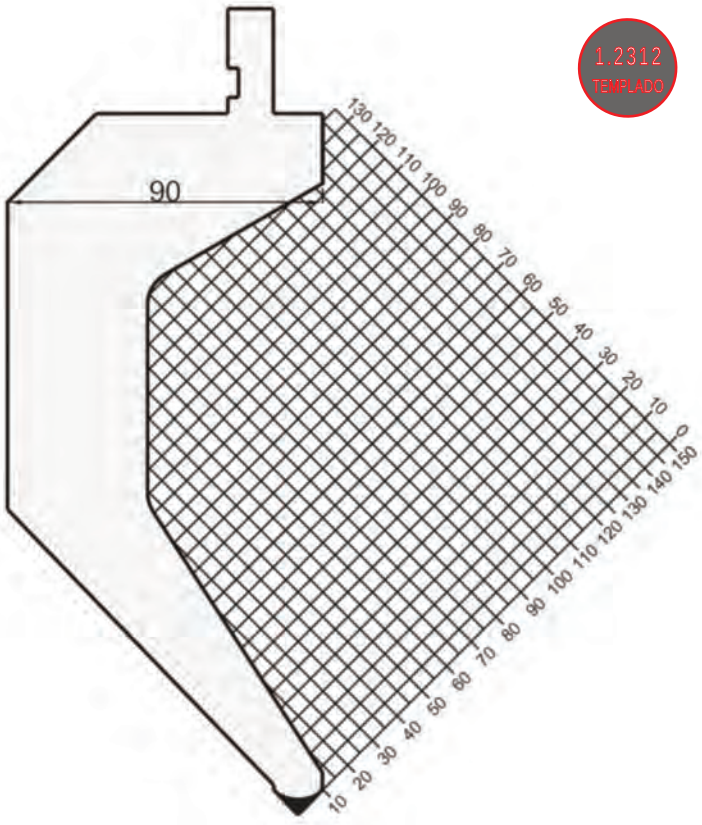
FRACCIONABLE
SEGMENTABLE



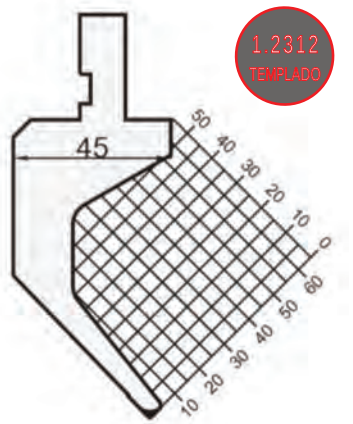
COD	α	R	H	MAX Tn/mt
12.910	88°	0.80	200.00	85



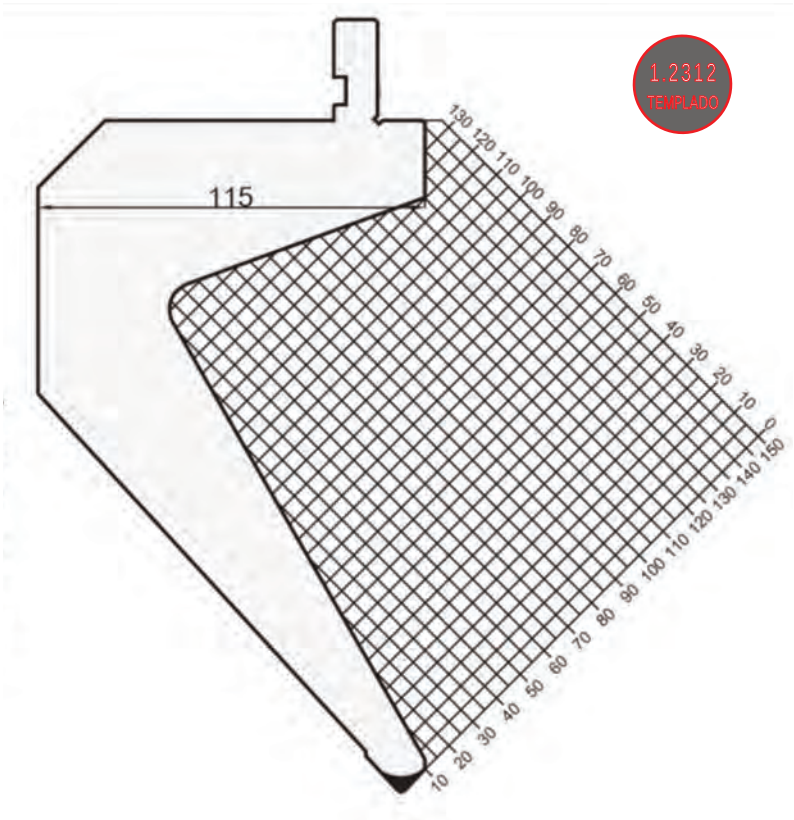
COD	α	R	H	MAX Tn/mt
10.303	85°	0.60	115.00	20



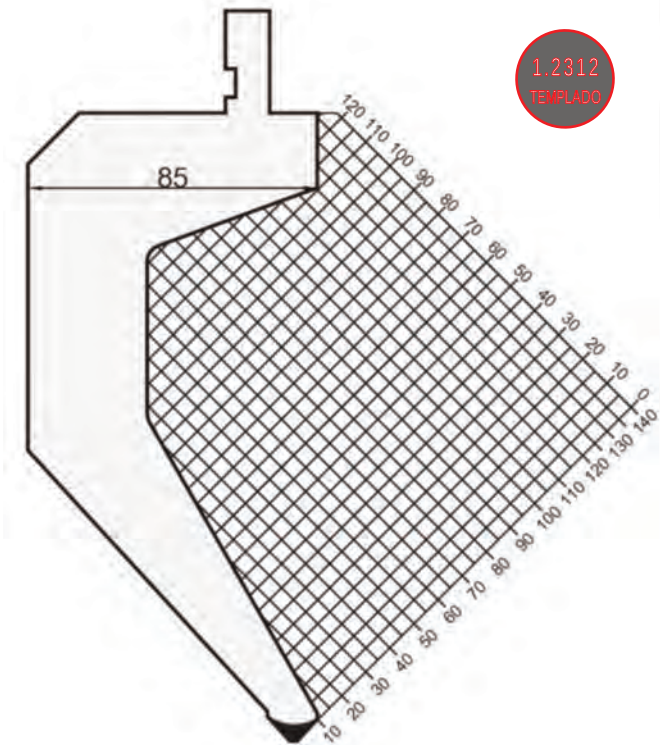
COD	α	R	H	MAX Tn/mt
13.010	88°	3.00	199.00	85



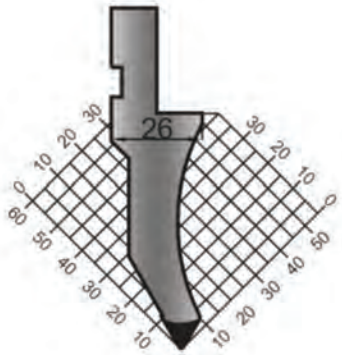
COD	α	R	H	MAX Tn/mt
10.304	88°	0.60	85.00	15



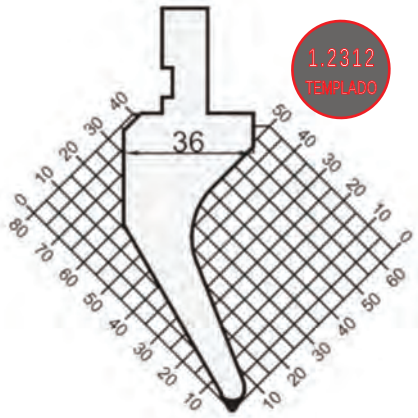
COD	α	R	H	MAX Tn/mt
10.306	85°	1.00	200.00	70



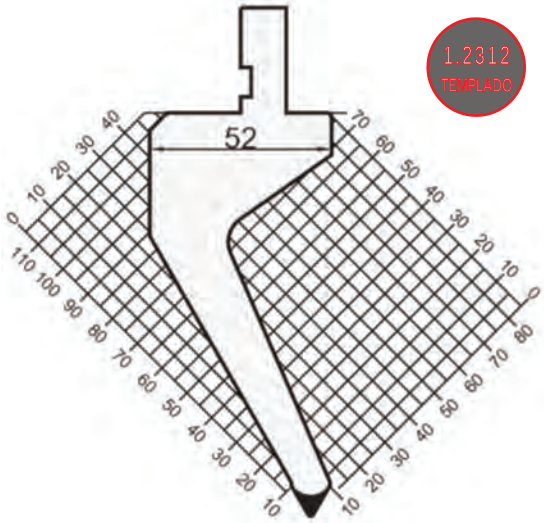
COD	α	R	H	MAX Tn/mt
10.305	85°	1.00	185.00	60



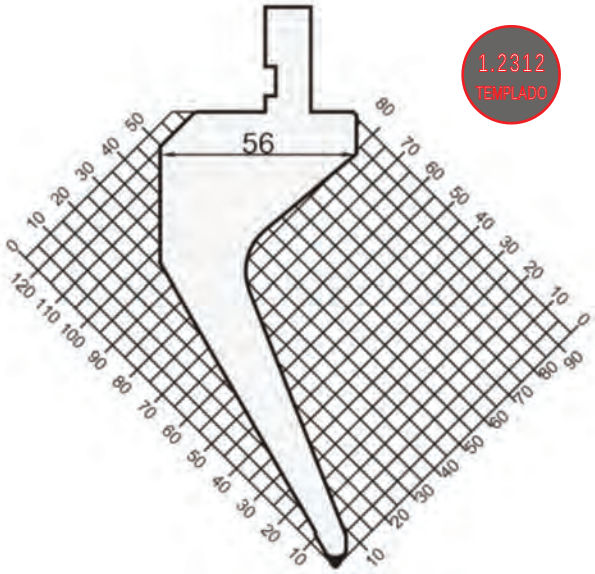
COD	α	R	H	MAX Tn/mt
10.260	60°	0.80	67.00	80
10.270	60°	2.00	67.00	80



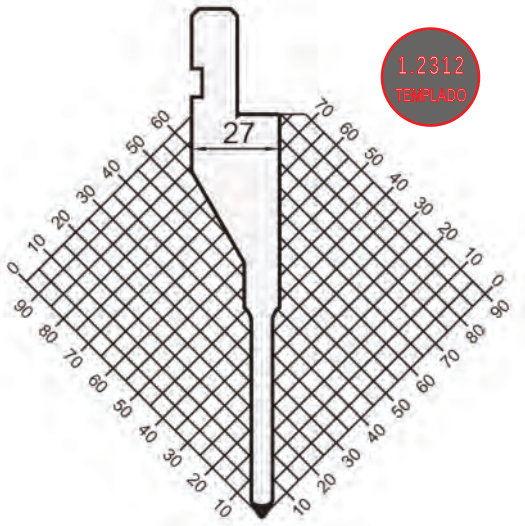
COD	α	R	H	MAX Tn/mt
11.620	60°	0.80	85.00	40



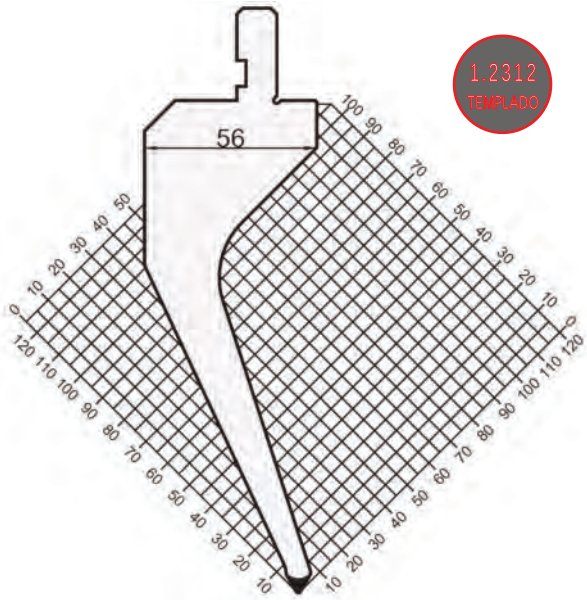
COD	α	R	H	MAX Tn/mt
12.720	60°	0.80	115.00	40



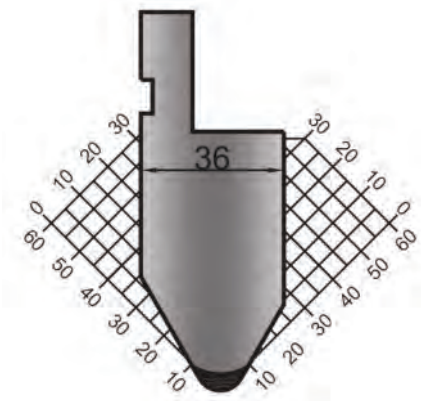
COD	α	R	H	MAX Tn/mt
11.630	60°	0.80	130.00	40



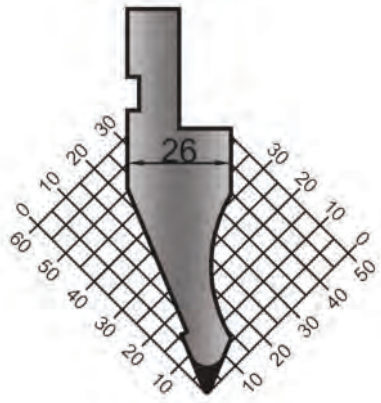
COD	α	R	H	MAX Tn/mt
12.710	60°	0.80	115.00	50



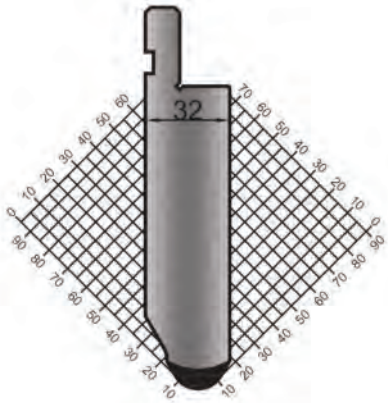
COD	α	R	H	MAX Tn/mt
11.900	60°	0.80	160.00	40



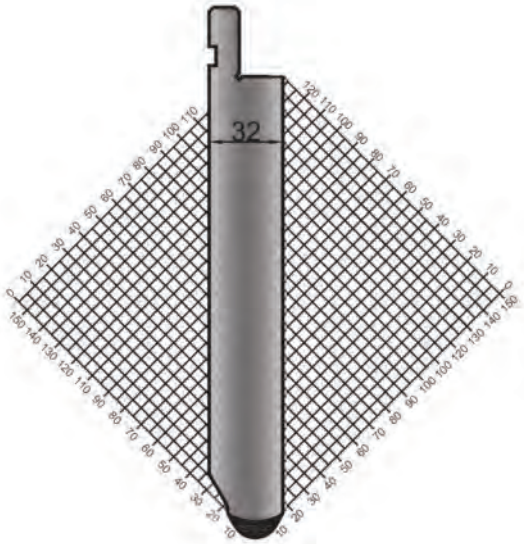
COD	α	R	H	MAX Tn/mt
10.320	60°	6.00	65.00	100



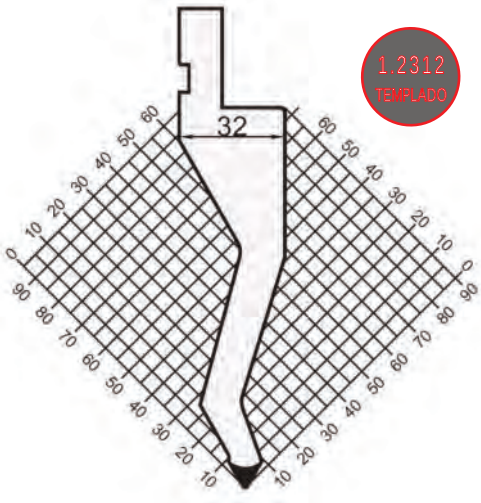
COD	α	R	H	MAX Tn/mt
10.240	45°	0.50	66.40	80
10.250	45°	1.50	65.20	80



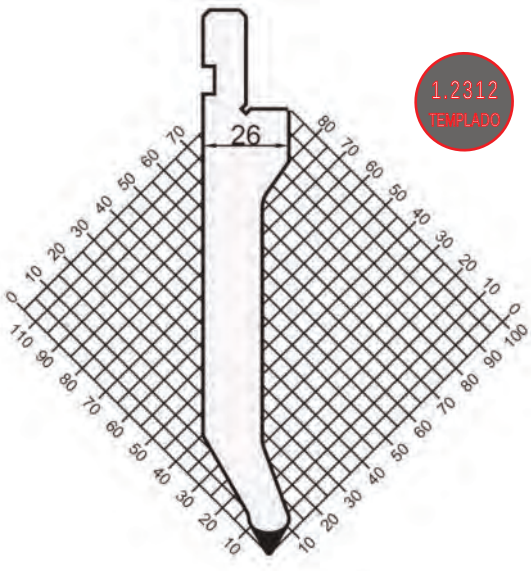
COD	α	R	H	MAX Tn/mt
12.830	60°	10.0	115.00	100



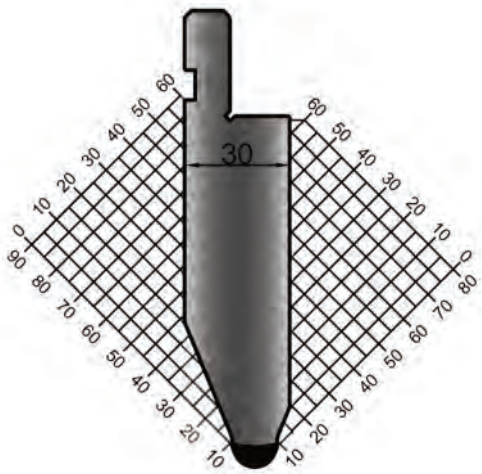
COD	α	R	H	MAX Tn/mt
12.930	60°	8.00	200.00	100



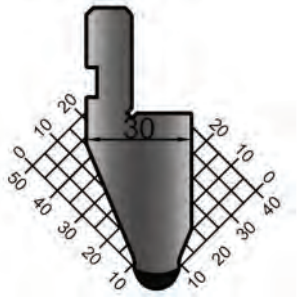
COD	α	R	H	MAX Tn/mt
11.910	60°	0.80	115.00	60



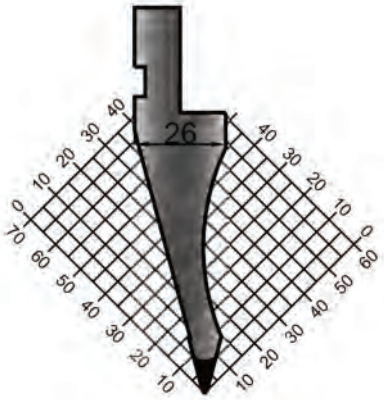
COD	α	R	H	MAX Tn/mt
12.840	60°	0.80	135.00	70



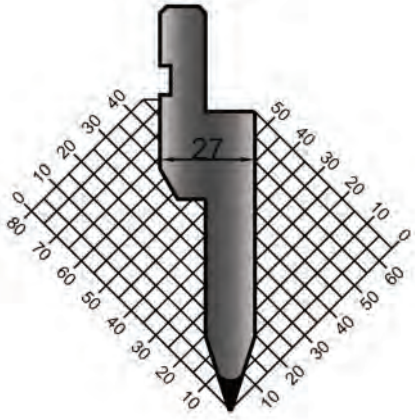
COD	α	R	H	MAX Tn/mt
10.530	45°	6.00	100.00	100



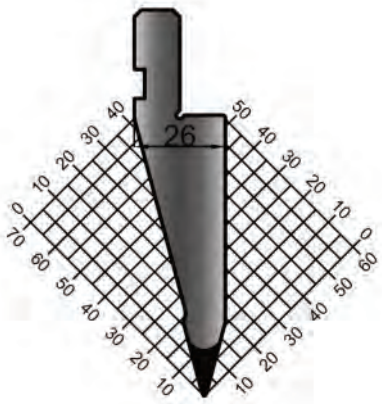
COD	α	R	H	MAX Tn/mt
10.540	45°	6.00	50.00	100



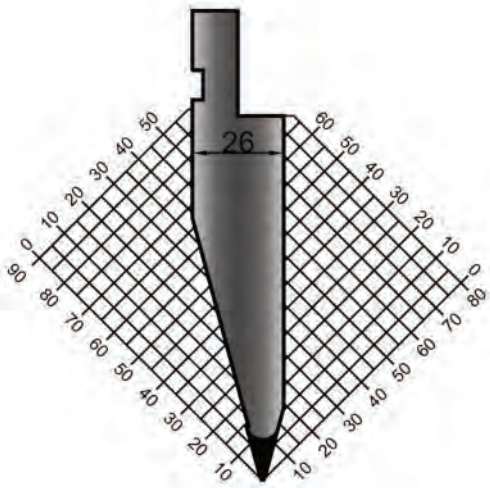
COD	α	R	H	MAX Tn/mt
10.350	35°	0.50	80.00	70
10.470	35°	0.80	90.00	70
12.820	35°	1.50	90.00	70



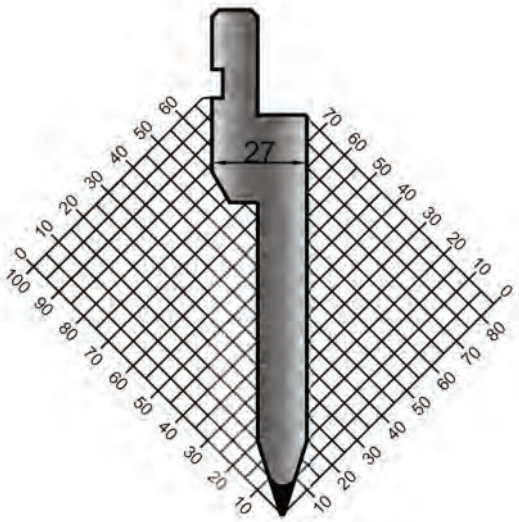
COD	α	R	H	MAX Tn/mt
10.340	35°	0.80	85.00	100



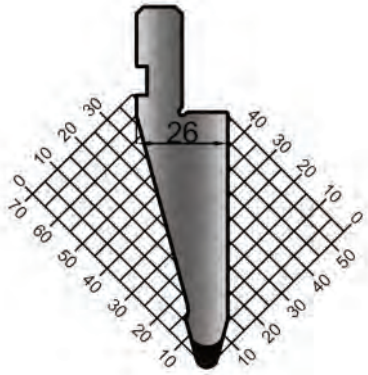
COD	α	R	H	MAX Tn/mt
10.560	30°	0.50	80.00	100



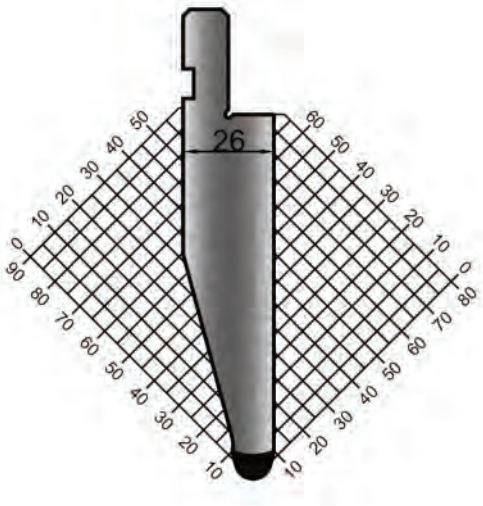
COD	α	R	H	MAX Tn/mt
11.930	30°	0.60	104.00	100



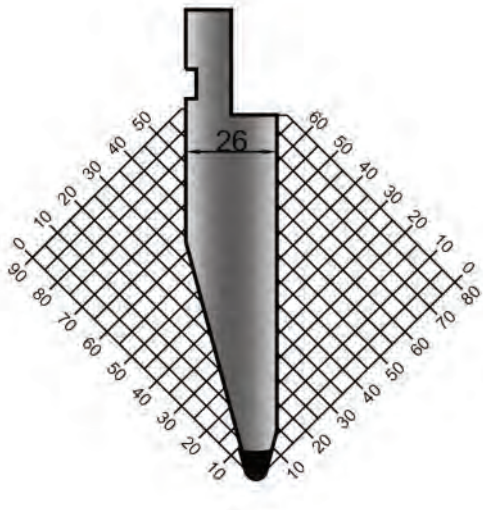
COD	α	R	H	MAX Tn/mt
10.330	26°	0.80	117.00	100



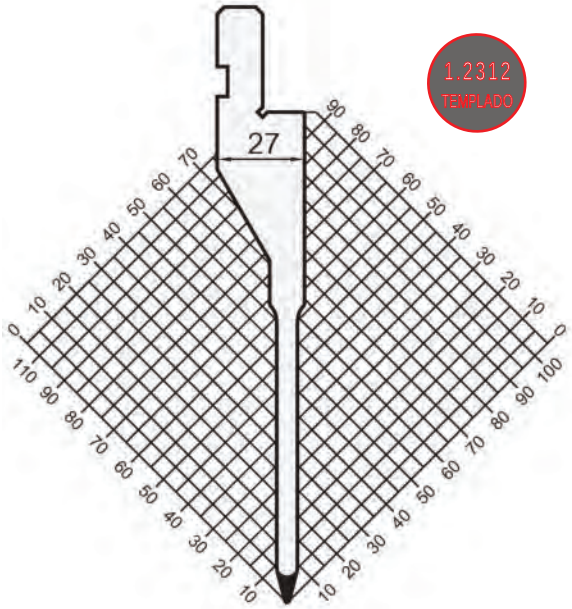
COD	α	R	H	MAX Tn/mt
10.570	30°	3.00	80.00	100



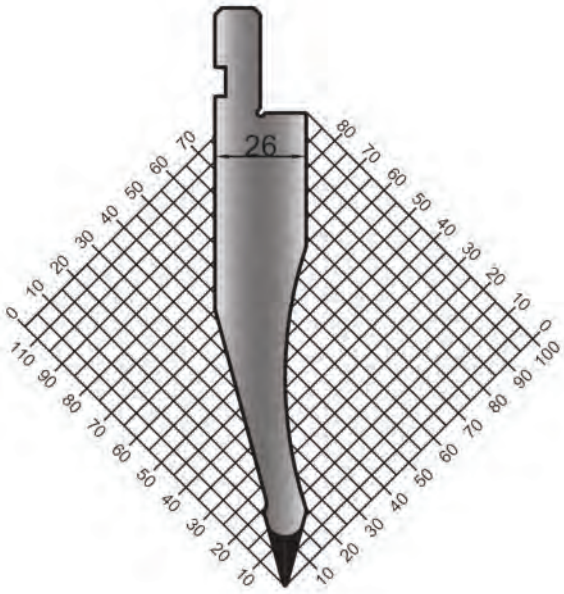
COD	α	R	H	MAX Tn/mt
11.940	30°	5.00	104.00	100



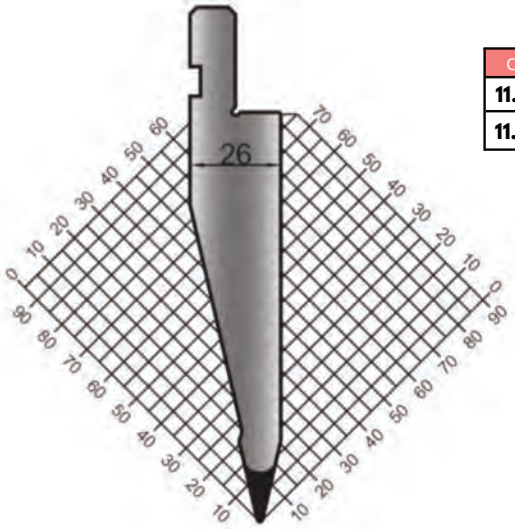
COD	α	R	H	MAX Tn/mt
12.890	30°	3.00	104.00	100



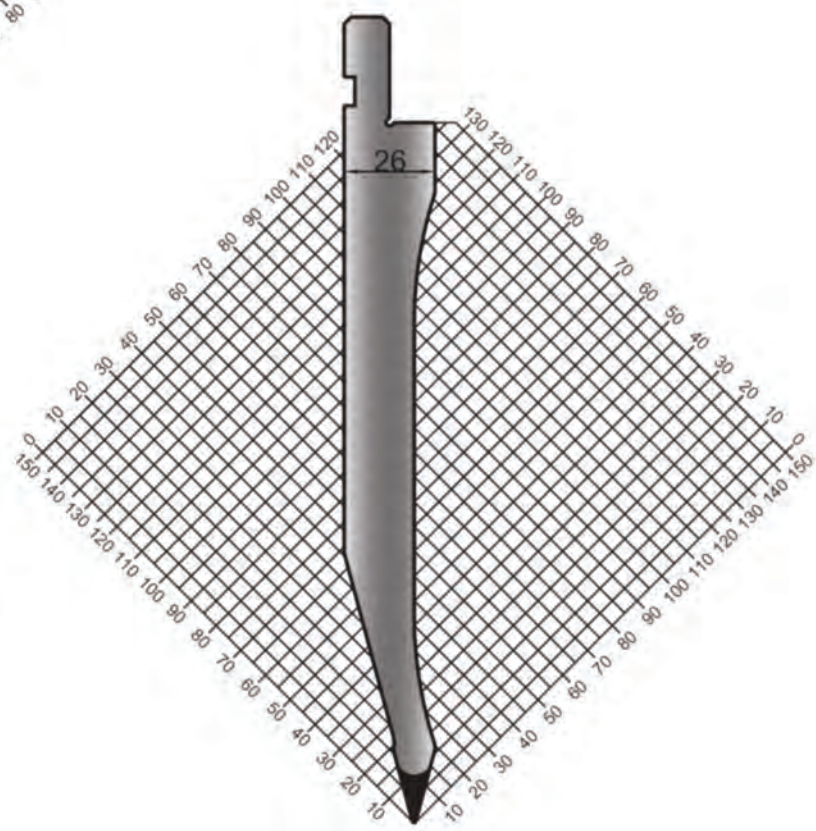
COD	α	R	H	MAX Tn/mt
10.860	30°	0.60	140.00	40



COD	α	R	H	MAX Tn/mt
10.520	30°	0.50	135.00	50
10.550	30°	0.50	105.00	50



COD	α	R	H	MAX Tn/mt
11.780	26°	0.80	117.00	100
11.920	26°	3.00	117.00	100

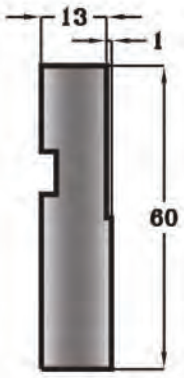


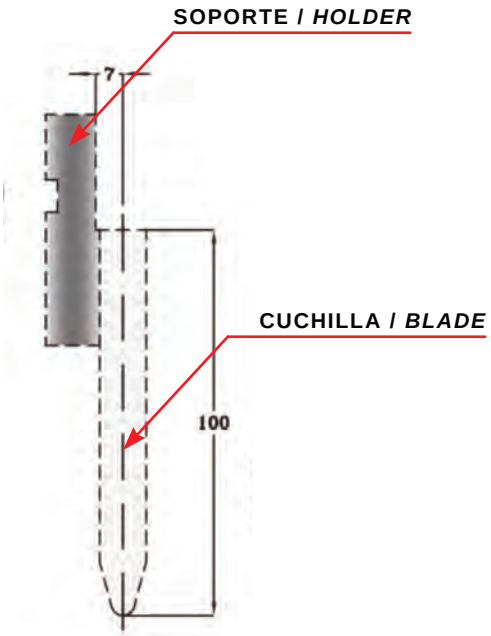
COD	α	R	H	MAX Tn/mt
12.920	30°	0.50	200.00	50

AMADA-PROMECAM

COD 10.440

L=500mm





COD 13.500
α28°|R 0.50|H 100.00|Max. Tn/mt 100

COD 13.501
α28°|R 1.00|H 100.00|Max. Tn/mt 100

COD 13.502
α28°|R 2.00|H 100.00|Max. Tn/mt 100

COD 13.503
α28°|R 3.00|H 100.00|Max. Tn/mt 100

COD 13.504
α28°|R 4.00|H 100.00|Max. Tn/mt 100

COD 13.505
α28°|R 5.00|H 100.00|Max. Tn/mt 100

COD 13.506
α28°|R 6.00|H 100.00|Max. Tn/mt 100

COD 13.520
α84°|R 1.00|H 100.00|Max. Tn/mt 100

COD 13.530
α86°|R 1.00|H 100.00|Max. Tn/mt 100

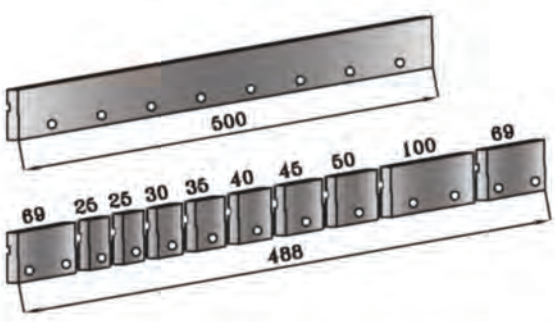
COD 13.550
α90°|R 0.50|H 100.00|Max. Tn/mt 100

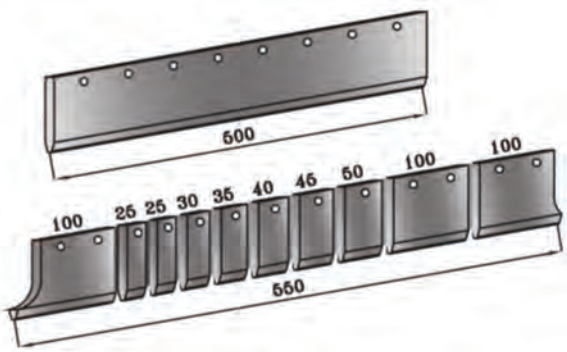
COD 13.551
α90°|R 1.00|H 100.00|Max. Tn/mt 100

COD 13.552
α90°|R 1.50|H 100.00|Max. Tn/mt 100

COD 13.553
α90°|R 2.00|H 100.00|Max. Tn/mt 100

FRACCIONADO ESTÁNDAR
STANDARD SEGMENTATION

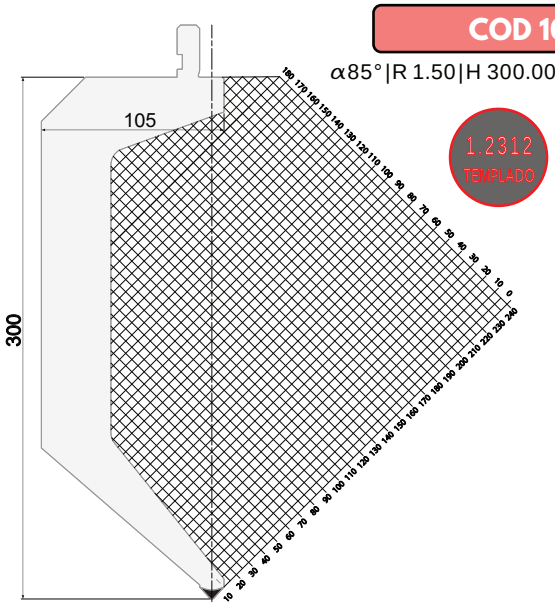




AMADA-PROMECAM

COD 10.307

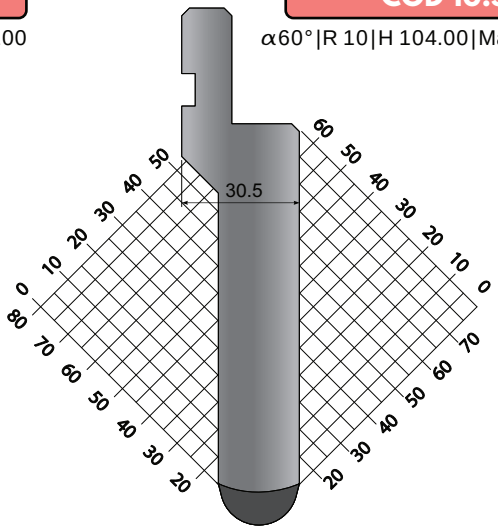
α85°|R 1.50|H 300.00|Max. Tn/mt 100



AMADA-PROMECAM

COD 10.580

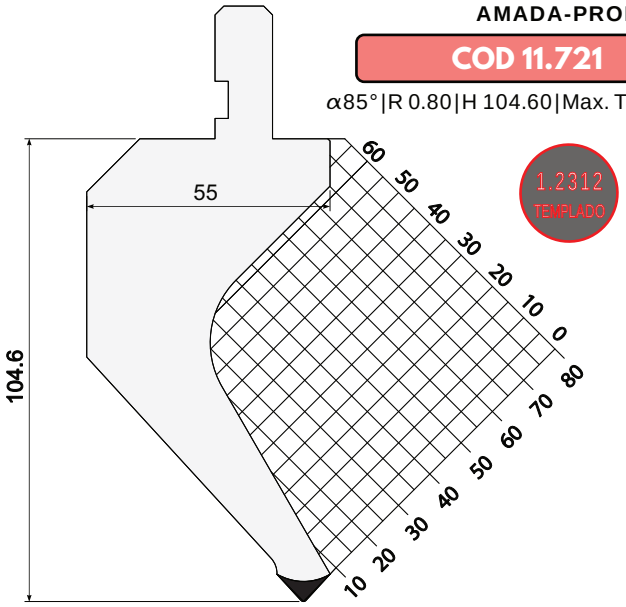
α60°|R 10|H 104.00|Max. Tn/mt 100



AMADA-PROMECAM

COD 11.721

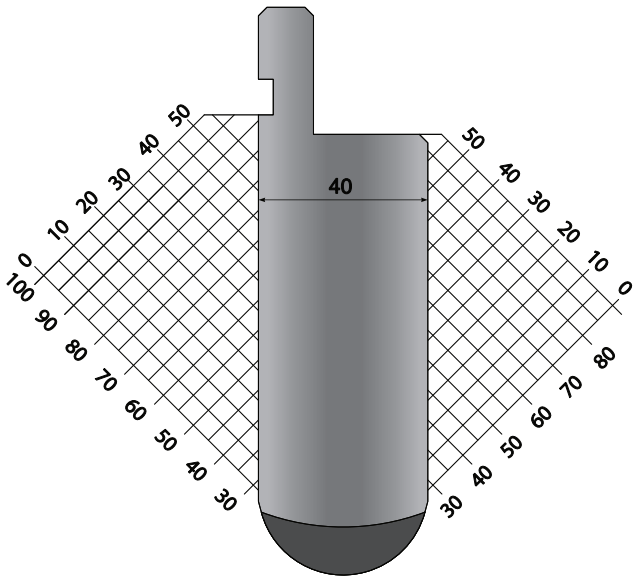
α85°|R 0.80|H 104.60|Max. Tn/mt 80



AMADA-PROMECAM

COD 10.595

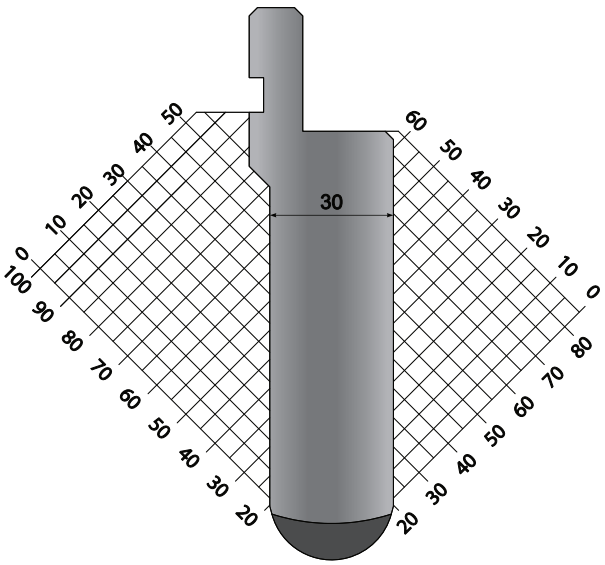
α60°|R 20|H 104.00|Max. Tn/mt 100



AMADA-PROMECAM

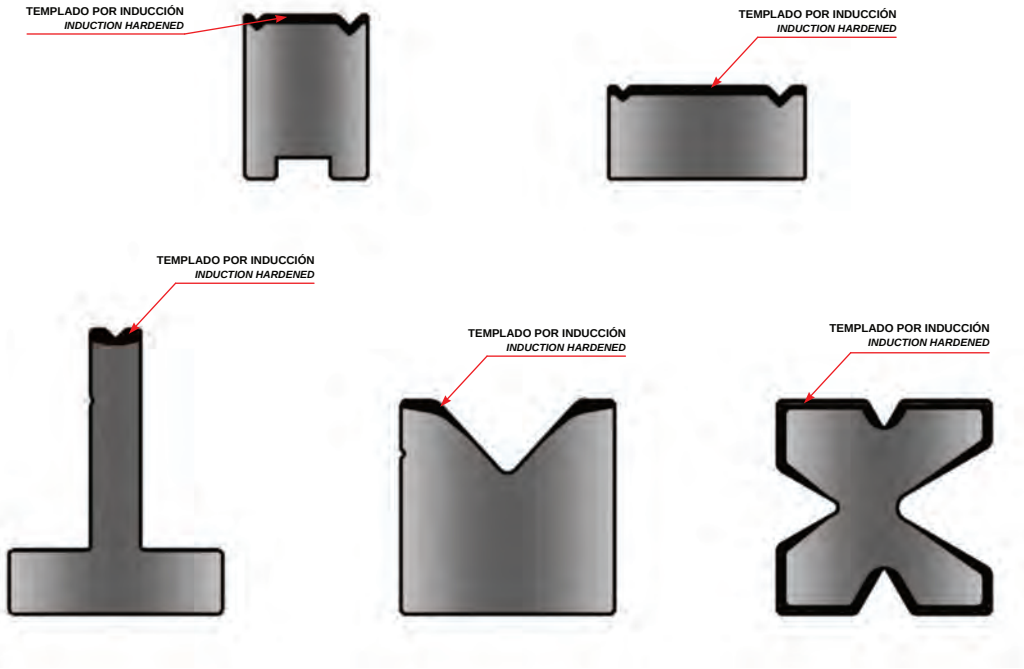
COD 10.590

α60°|R 15|H 104.00|Max. Tn/mt 100

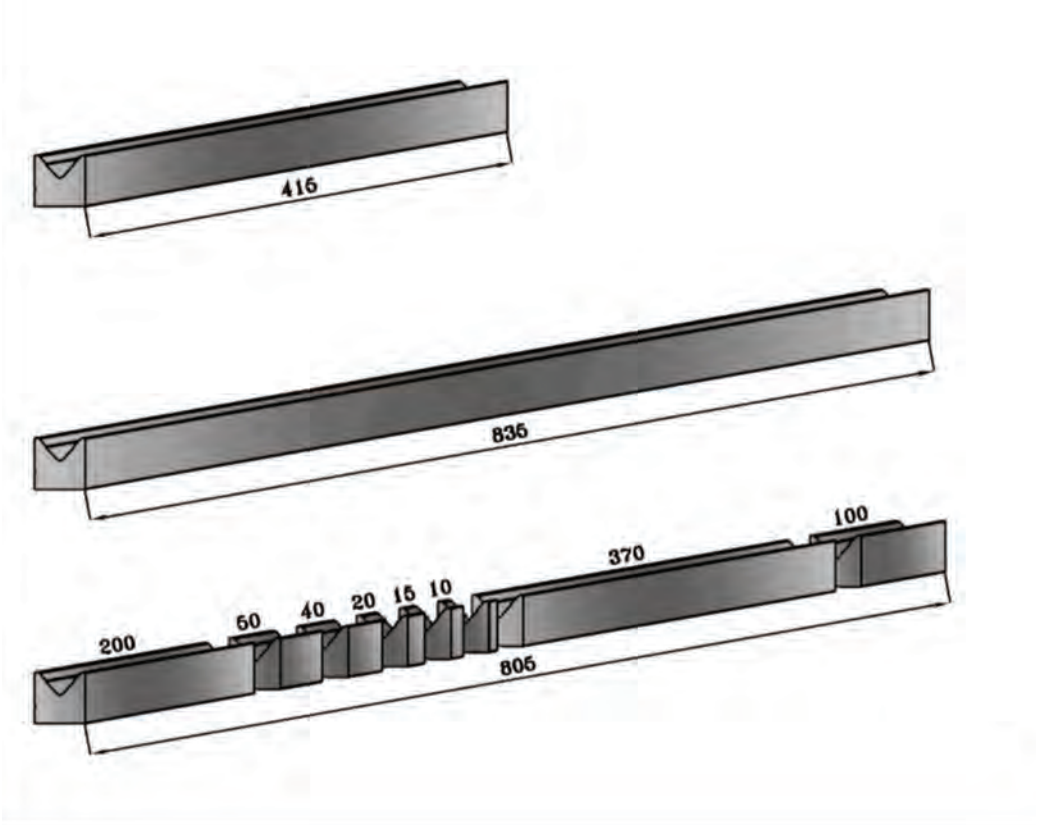


AMADA PROMECAM®

LAS MATRICES ESTÁNDAR ESTÁN DISPONIBLES EN LARGO: 415mm, 835mm Y FRACCIONADO DE 805mm
STANDARD DIES ARE AVAILABLE IN LENGTHS: 415mm, 835mm AND 805mm SEGMENTED



FRACCIONADO ESTÁNDAR
STANDARD SEGMENTATION

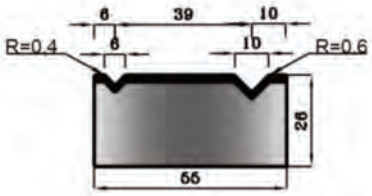


COD 20.100

α90° | Max. Tn / mt 100

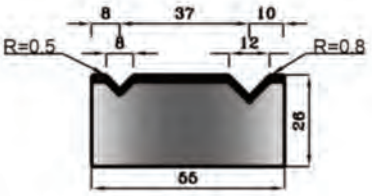
COD 20.110

α90° | Max. Tn / mt 100



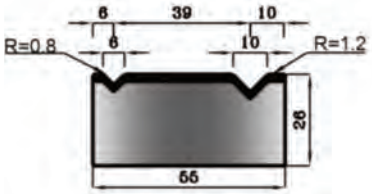
COD 20.120

α90° | Max. Tn / mt 100



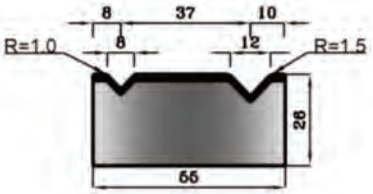
COD 20.460

α88° | Max. Tn / mt 100



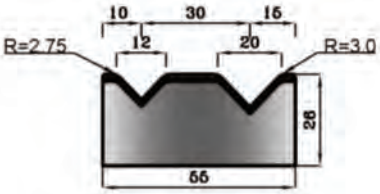
COD 20.410

α88° | Max. Tn / mt 100



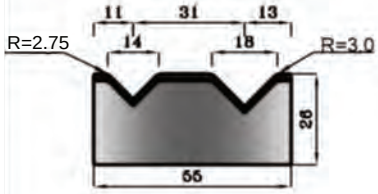
COD 20.130

α88° | Max. Tn / mt 100



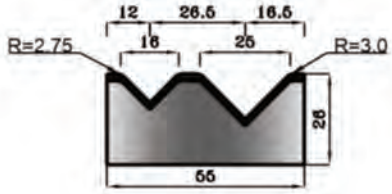
COD 20.320

α88° | Max. Tn / mt 100



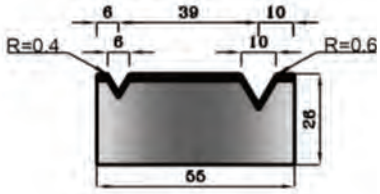
COD 20.140

α88° | Max. Tn / mt 100



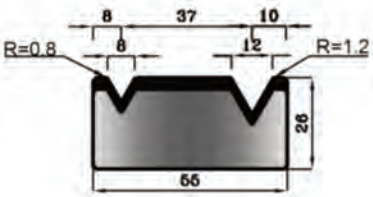
COD 20.150

α60° | Max. Tn / mt 100



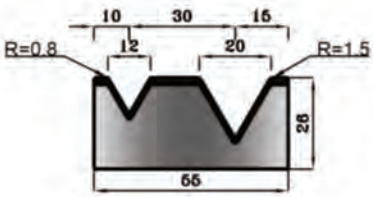
COD 20.160

α60° | Max. Tn / mt 60



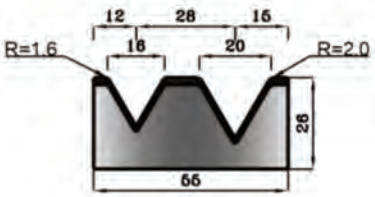
COD 20.330

α60° | Max. Tn / mt 60



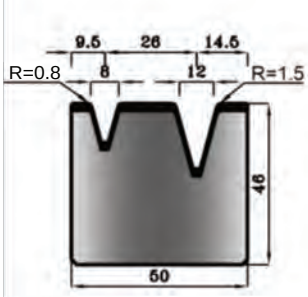
COD 20.170

α60° | Max. Tn / mt 60

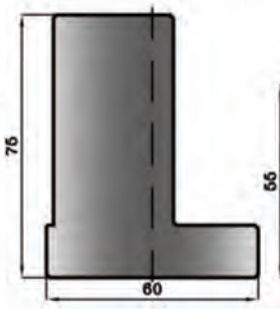


COD 20.470

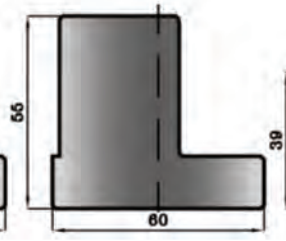
α30° | Max. Tn / mt 40



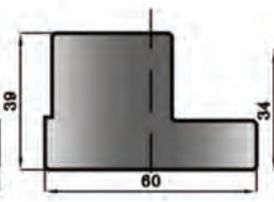
COD 20.350



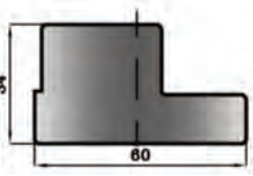
COD 20.190



COD 20.390



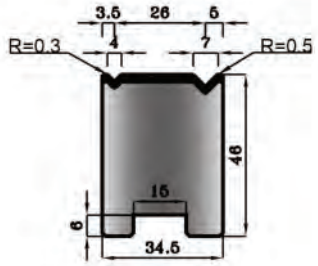
COD 20.180



AMADA PROMECAM®

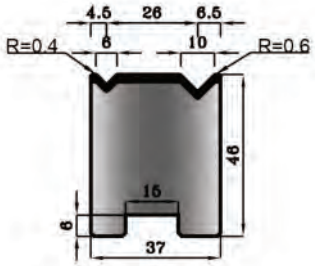
COD 20.480

α90°|Max. Tn/mt 80



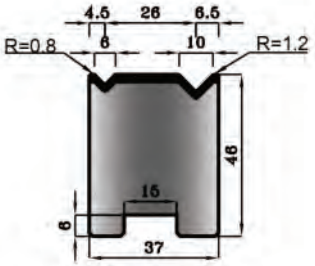
COD 20.490

α90°|Max. Tn/mt 80



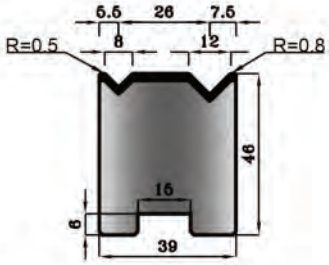
COD 20.500

α88°|Max. Tn/mt 80



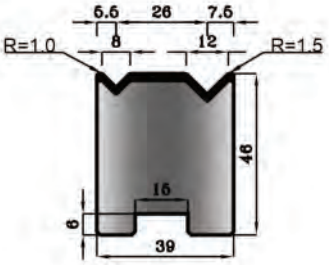
COD 20.510

α90°|Max. Tn/mt 80



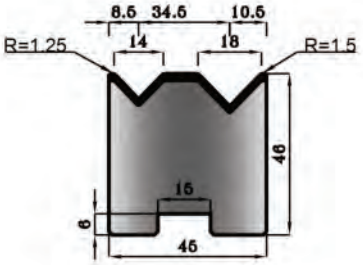
COD 20.520

α88°|Max. Tn/mt 80



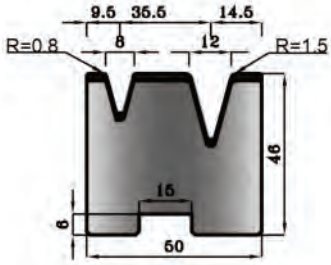
COD 20.530

α88°|Max. Tn/mt 80



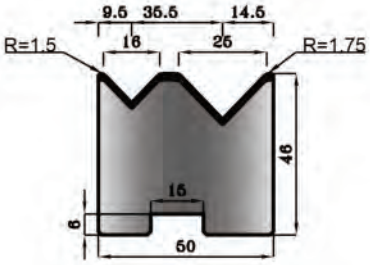
COD 20.560

α30°|Max. Tn/mt 40



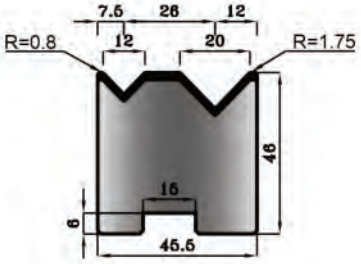
COD 20.550

α88°|Max. Tn/mt 80



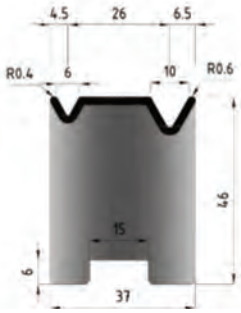
COD 20.540

α88°|Max. Tn/mt 80

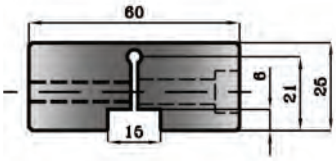


COD 20.610

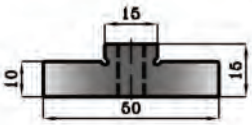
α60°|Max. Tn/mt 50



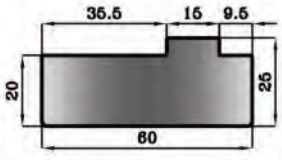
COD 20.600



COD 20.580

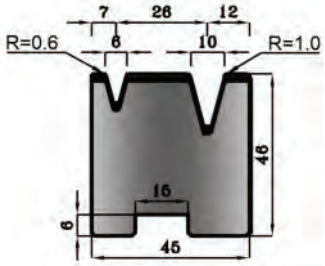


COD 20.590



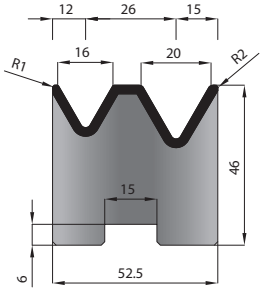
COD 20.570

α30°|Max. Tn/mt 80



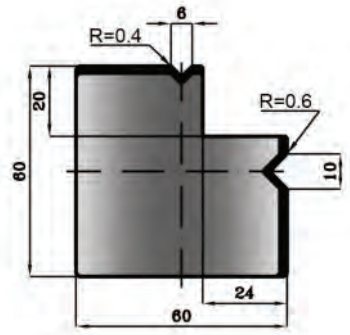
COD 20.620

α60°|Max. Tn/mt 60



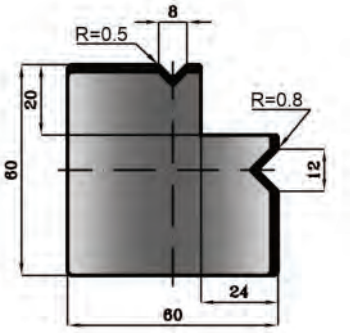
COD 20.280

α90°|Max. Tn/mt 80



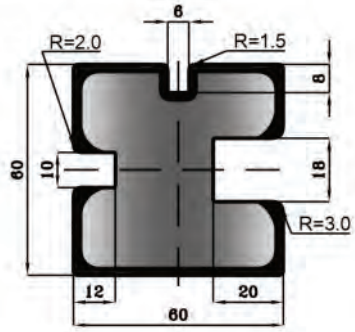
COD 20.290

α90°|Max. Tn/mt 80



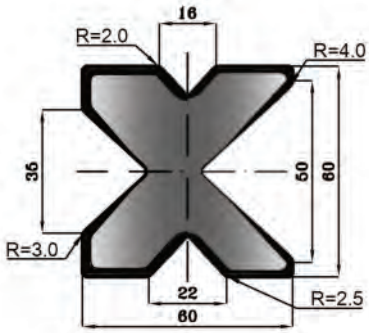
COD 20.310

Max. Tn/mt 100



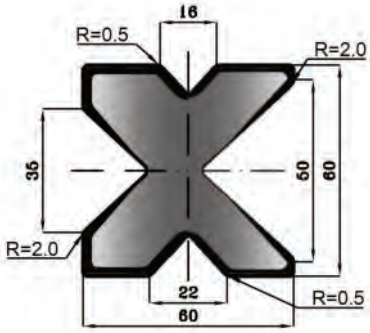
COD 20.670

α85°|Max. Tn/mt 80



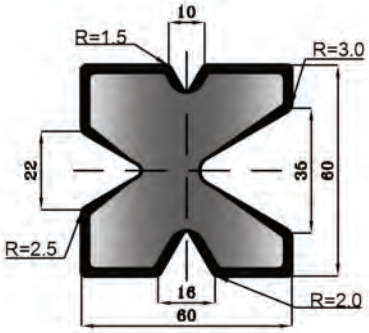
COD 20.300

α85°/88°|Max. Tn/mt 80



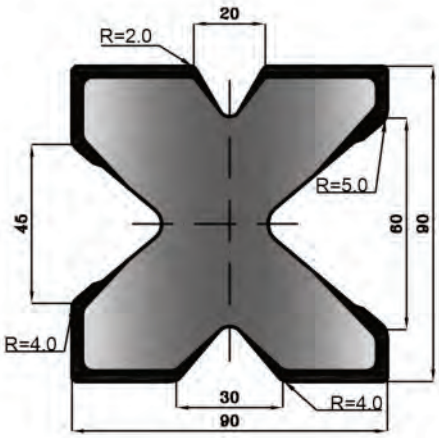
COD 20.340

α60°|Max. Tn/mt 60



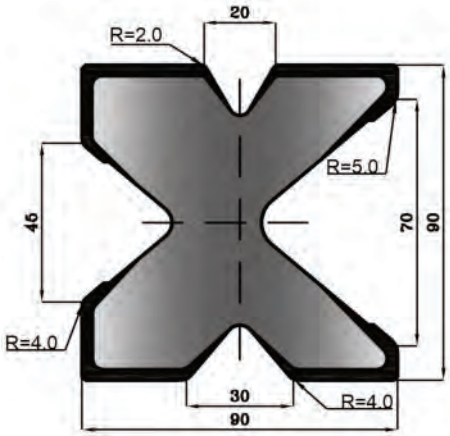
COD 20.671

α80°/60°|Max. Tn/mt 100



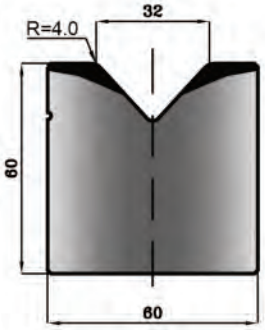
COD 20.672

α80°/60°|Max. Tn/mt 100



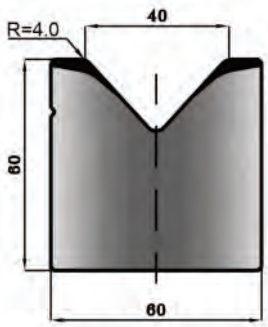
COD 20.200

α85°|Max. Tn/mt 100



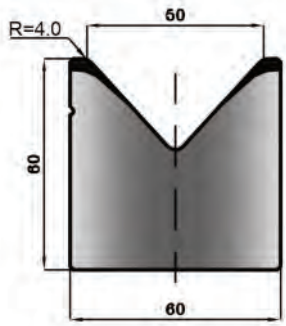
COD 20.210

α80°/60°|Max. Tn/mt 100



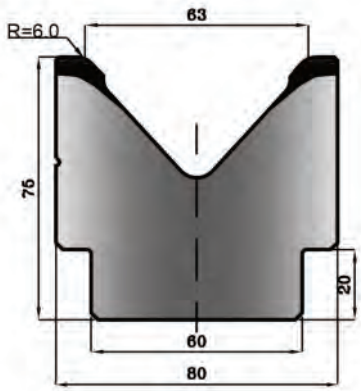
COD 20.220

α80°/60°|Max. Tn/mt 100



COD 20.230

α85°|Max. Tn/mt 100



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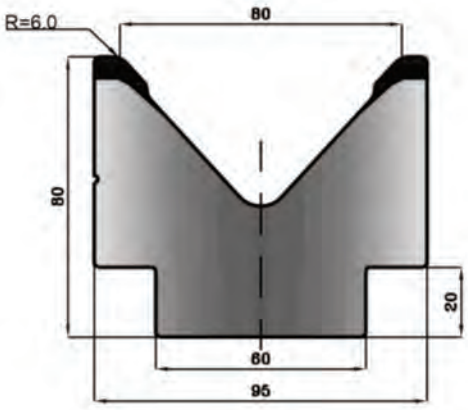
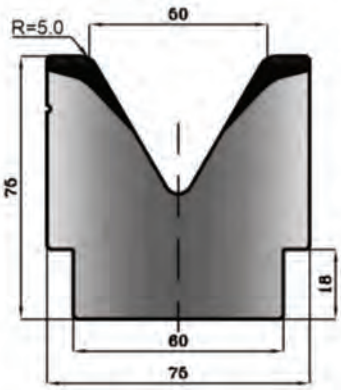
COD 20.240

α85°|Max. Tn/mt 100



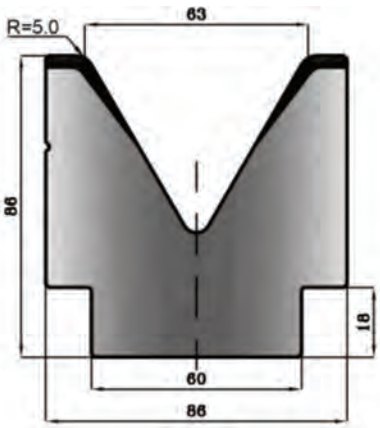
COD 20.820

α60°|Max. Tn/mt 100



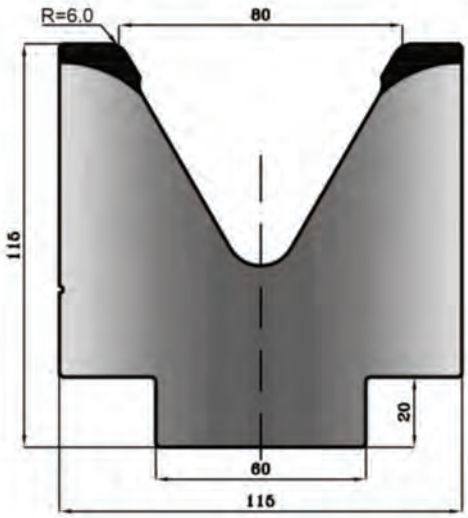
COD 20.830

α60°|Max. Tn/mt 100



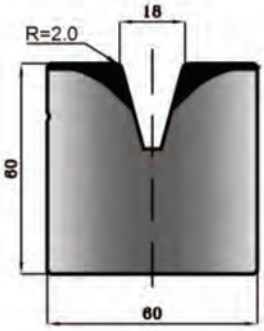
COD 20.890

α60°|Max. Tn/mt 100



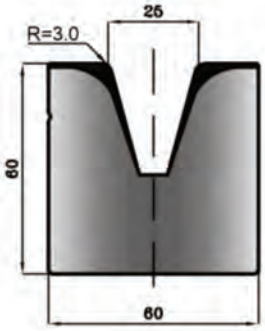
COD 20.860

α30°|Max. Tn/mt 100



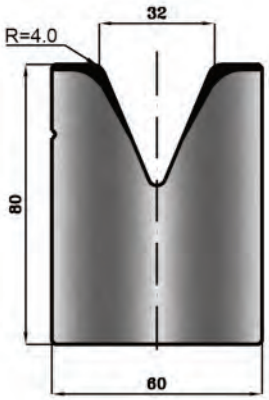
COD 20.870

α30°|Max. Tn/mt 100



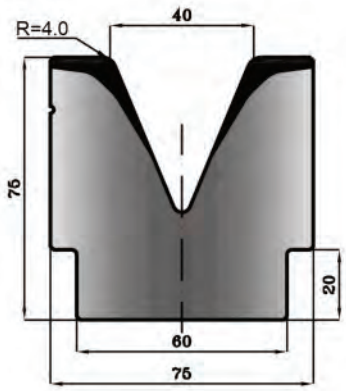
COD 20.880

α45°|Max. Tn/mt 100



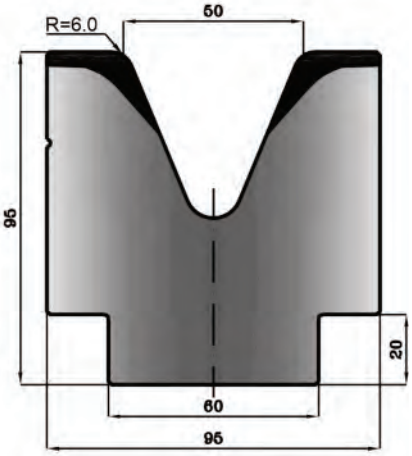
COD 20.810

α45°|Max. Tn/mt 100



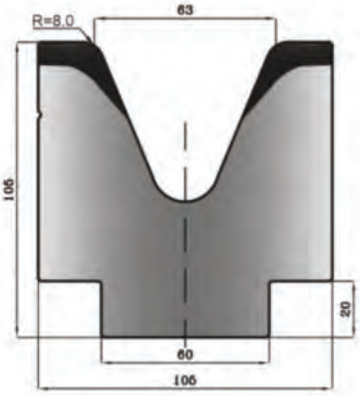
COD 21.180

α45°|Max. Tn/mt 100



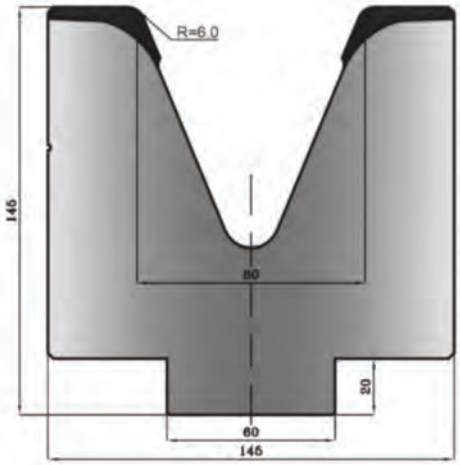
COD 21.170

α45°|Max. Tn/mt 100



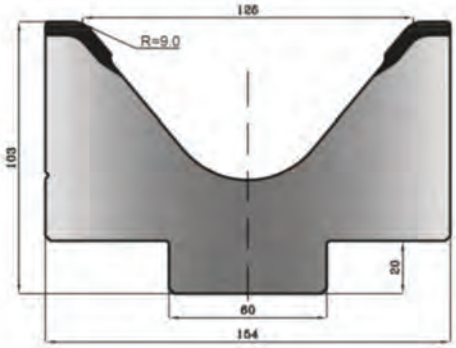
COD 20.840

α45°|Max. Tn/mt 100



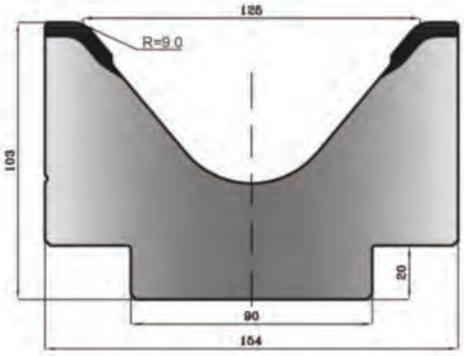
COD 20.261

α80°|Max. Tn/mt 100



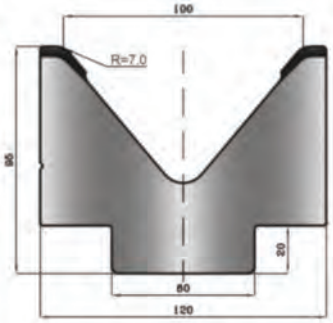
COD 20.260

α80°|Max. Tn/mt 100



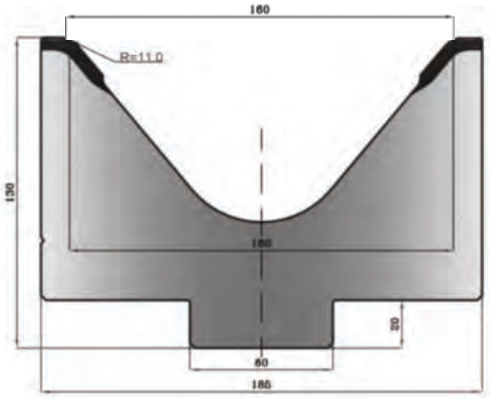
COD 20.250

α80°|Max. Tn/mt 100



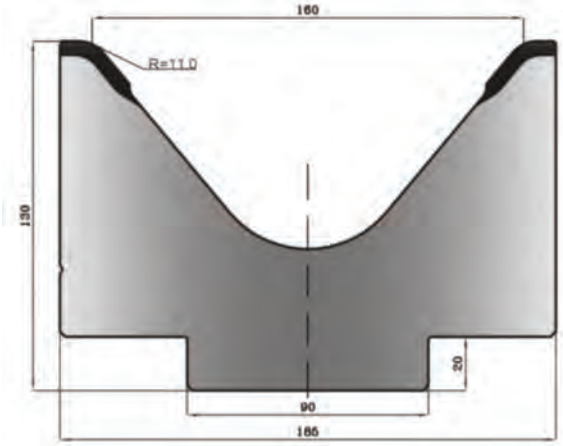
COD 20.271

α80°|Max. Tn/mt 100



COD 20.270

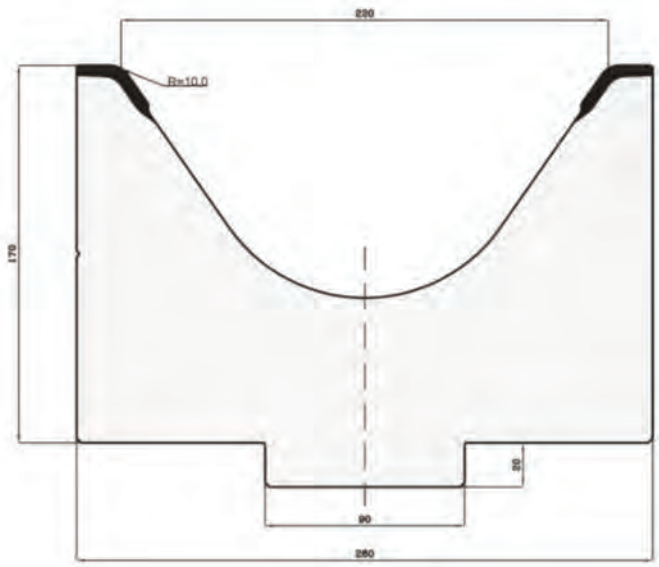
α80°|Max. Tn/mt 100



COD 72.900

α70°|Max. Tn/mt 200

1.2312 TEMPLADO



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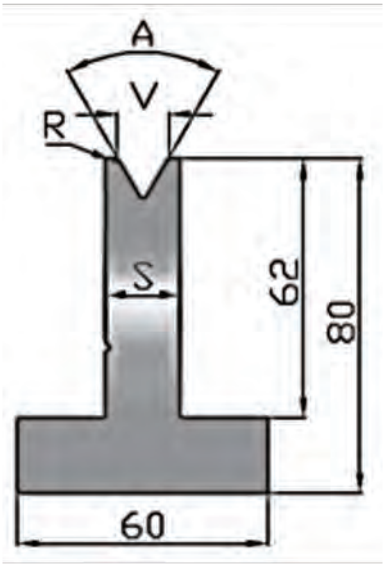


A 85°

COD	V (mm)	R(mm)	Tn/mt	S (mm)
30.801	6	1.5	100	14
30.802	8	2.0	100	14
30.803	10	2.5	100	18
30.804	12	3.0	100	18
30.805	16	3.5	100	24
30.806	20	4.0	100	30
30.807	25	5.0	100	35

A 45°

COD	V (mm)	R(mm)	Tn/mt	S (mm)
30.260	6	0.6	50	14
30.270	8	0.8	50	18
30.280	10	1.0	50	18
30.290	12	1.5	50	24
30.300	16	2.0	50	24
30.310	20	2.5	50	30
30.320	25	3.0	50	35

A 30°

COD	V (mm)	R(mm)	Tn/mt	S (mm)
30.420	6	0.6	35	14
30.430	8	0.8	35	18
30.440	10	1.0	50	24
30.450	12	1.5	40	24
30.460	16	2.0	45	30
30.470	20	2.5	50	35
30.480	25	3.0	50	40

A 90°

COD	V (mm)	R(mm)	Tn/mt	S (mm)
30.100	6	0.4	100	14
30.110	8	0.5	100	14
30.120	10	0.6	100	18
30.130	12	0.8	100	18
30.140	16	1.0	100	24

A 88°

COD	V (mm)	R(mm)	Tn/mt	S (mm)
30.800	6	0.4	100	14
30.810	8	0.5	100	14
30.820	10	0.6	100	18
30.150	12	2.75	100	18
30.160	16	2.75	100	24
30.170	20	3.0	100	30
30.180	25	3.0	100	35

A 60°

COD	V (mm)	R(mm)	Tn/mt	S (mm)
30.190	6	0.4	60	14
30.200	8	0.5	60	14
30.210	10	0.6	60	18
30.220	12	0.8	60	18
30.230	16	3.0	60	24
30.240	20	3.0	60	30
30.250	25	3.0	60	35

A 35°

COD	V (mm)	R(mm)	Tn/mt	S (mm)
30.421	6	1.5	40	14
30.422	8	2.0	40	18
30.423	10	2.5	55	24
30.424	12	3.0	45	24
30.425	16	3.5	50	30
30.426	20	4.0	60	35
30.427	25	5.0	60	40

A 90°

COD	V (mm)	R(mm)	Tn/mt	S (mm)
30.500	6	0.4	100	14
30.510	8	0.5	100	14
30.520	10	0.6	100	18
30.530	12	0.8	100	18
30.540	16	1.0	100	24

A 88°

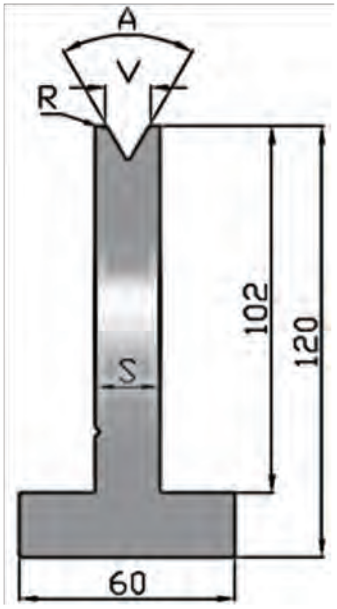
COD	V (mm)	R(mm)	Tn/mt	S (mm)
30.830	6	0.4	100	14
30.840	8	0.5	100	14
30.850	10	0.6	100	18
30.550	12	2.75	100	18
30.560	16	2.75	100	24
30.570	20	3.0	100	30
30.580	25	3.0	100	35

A 60°

COD	V (mm)	R(mm)	Tn/mt	S (mm)
30.590	6	0.4	60	14
30.600	8	0.5	60	14
30.610	10	0.6	60	18
30.620	12	0.8	60	18
30.630	16	3.0	60	24
30.640	20	3.0	60	30
30.650	25	3.0	60	35

A 35°

COD	V (mm)	R(mm)	Tn/mt	S (mm)
30.731	6	1.5	40	14
30.732	8	2.0	40	18
30.733	10	2.5	55	24
30.734	12	3.0	45	24
30.735	16	3.5	50	30
30.736	20	4.0	60	35
30.737	25	5.0	60	40



A 85°

COD	V (mm)	R(mm)	Tn/mt	S (mm)
30.831	6	1.5	100	14
30.832	8	2.0	100	14
30.833	10	2.5	100	18
30.834	12	3.0	100	18
30.835	16	3.5	100	24
30.836	20	4.0	100	30
30.837	25	5.0	100	35

A 45°

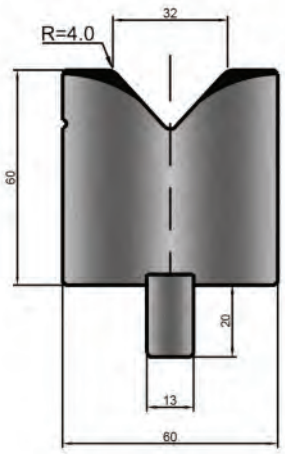
COD	V (mm)	R(mm)	Tn/mt	S (mm)
30.660	6	0.6	50	14
30.670	8	0.8	50	18
30.680	10	1.0	50	18
30.690	12	1.5	50	24
30.700	16	2.0	50	24
30.710	20	2.5	50	30
30.720	25	3.0	50	35

A 30°

COD	V (mm)	R(mm)	Tn/mt	S (mm)
30.730	6	0.6	35	14
30.740	8	0.8	35	18
30.750	10	1.0	50	24
30.760	12	1.5	40	24
30.770	16	2.0	45	30
30.780	20	2.5	50	35
30.790	25	3.0	50	40

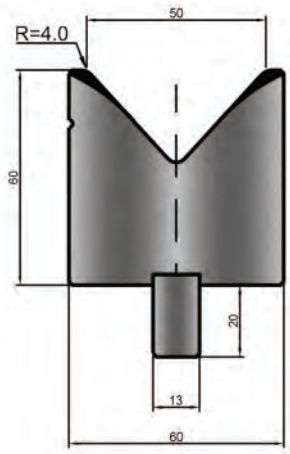
COD 20.200-B

Tn/mt 100



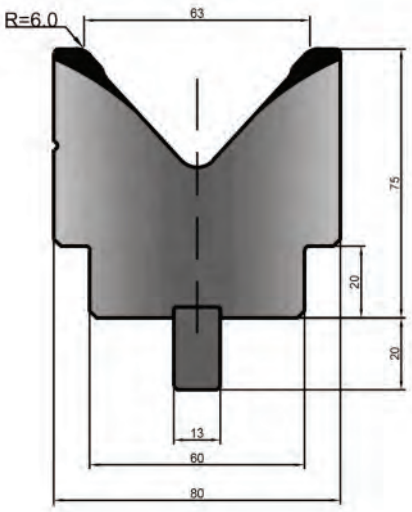
COD 20.220-B

Tn/mt 100



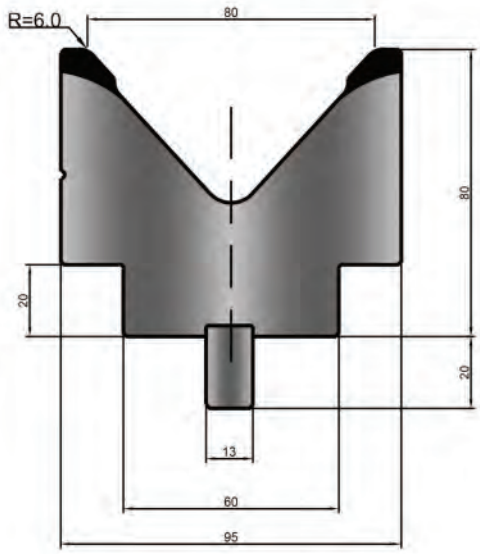
COD 20.230-B

Tn/mt 100



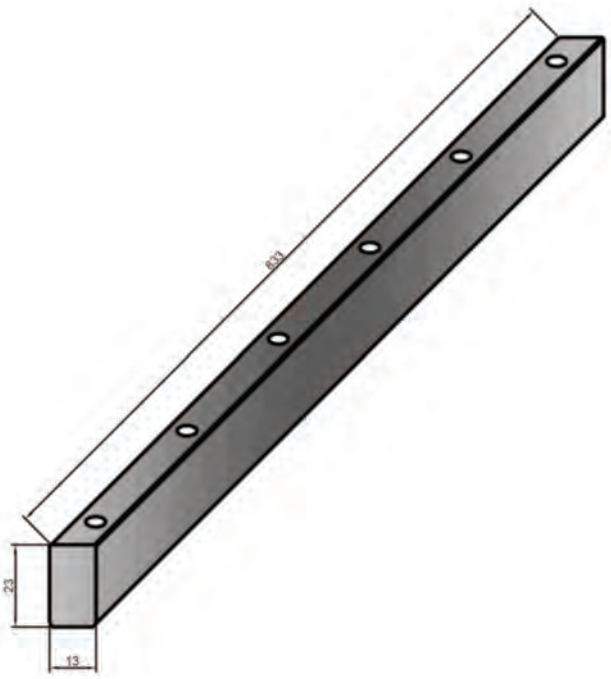
COD 20.240-B

Tn/mt 100



COD 10.431

Tn/mt 100



COD 31.730

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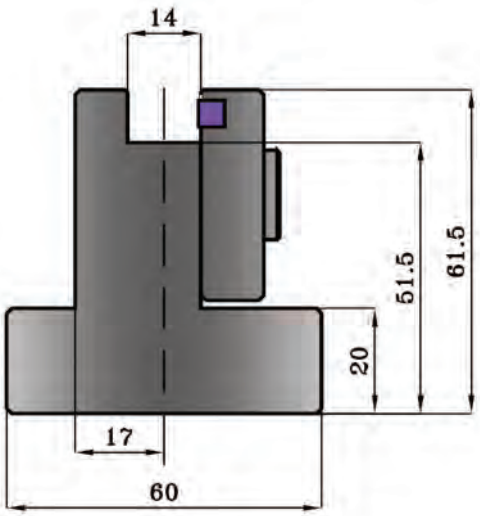
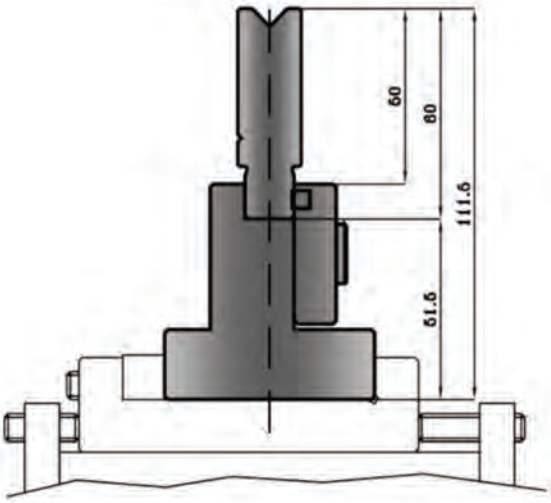
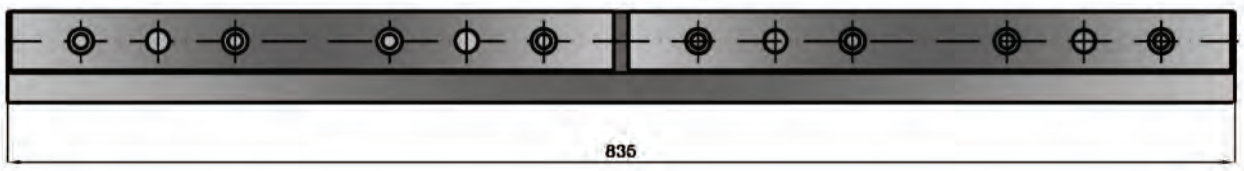
L=415mm



SOPORTES PARA INSERTOS DE MATRIZ
INSERT DIE HOLDERS





AMADA PROMECAM®

COD AM.804

α88°|Max. Tn/mt 100

COD AM.806

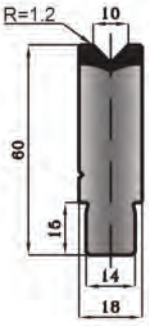
α88°|Max. Tn/mt 100

COD AM.808

α88°|Max. Tn/mt 100

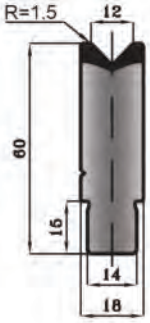
COD AM.810

α88°|Max. Tn/mt 100



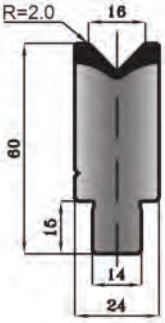
COD AM.812

α88°|Max. Tn/mt 100



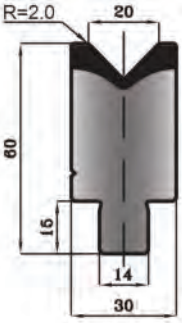
COD AM.816

α88°|Max. Tn/mt 100



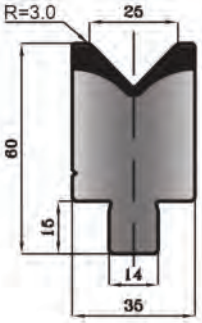
COD AM.820

α88°|Max. Tn/mt 100



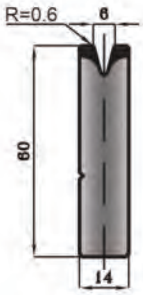
COD AM.825

α88°|Max. Tn/mt 100



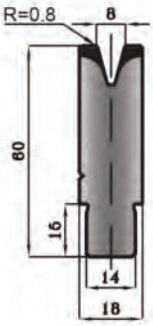
COD AM.306

α30°|Max. Tn/mt 35



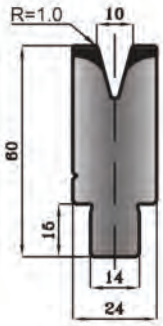
COD AM.308

α30°|Max. Tn/mt 35



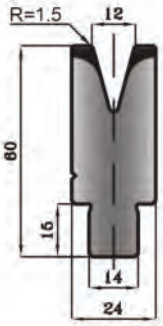
COD AM.310

α30°|Max. Tn/mt 50



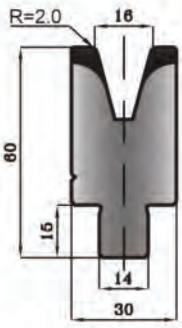
COD AM.312

α30°|Max. Tn/mt 40



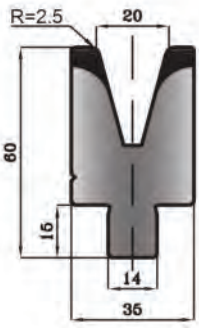
COD AM.316

α30°|Max. Tn/mt 45



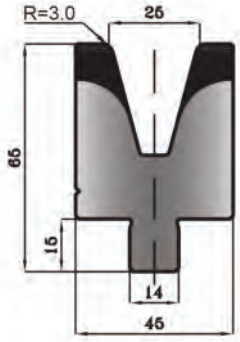
COD AM.320

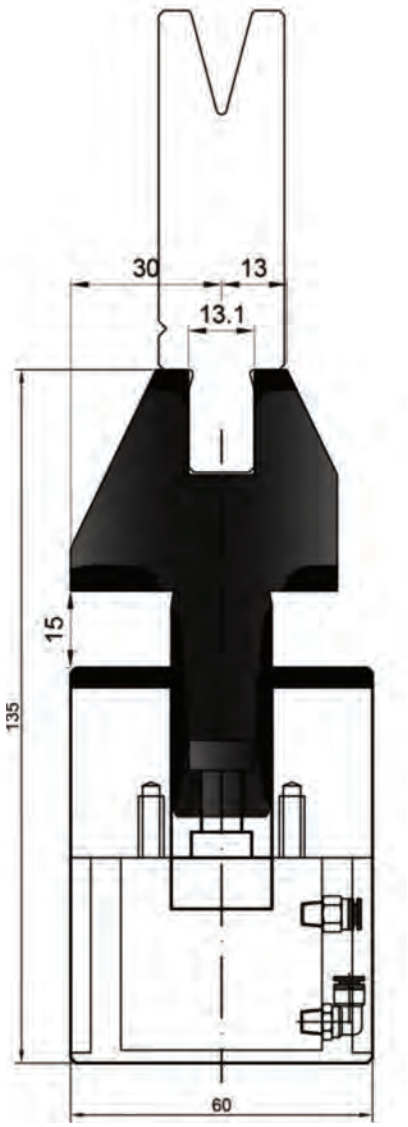
α30°|Max. Tn/mt 50



COD AM.325

α30°|Max. Tn/mt 50





AMADA-PROMECAM

COD 30.390

α35°|Max. Tn/mt 80

AMADA-PROMECAM

COD 30.410

Max. Tn/mt 80

AMADA-PROMECAM/ WILA-TRUMPF

COD 30.415/PN

Max. Tn/mt 100

Material ~ 40Kg/mm²

S (mm)	Tn/mt	A(mm)	Tn/mt	2S (mm)
0.6	9	3	23	1.2
0.8	12	3	32	1.6
1.0	15	3.5	40	2.0
1.25	17	3.5	50	2.5
1.5	22	4.6	63	3.0
2.0	30	5.5	80	4.0
2.5	55	6.5	90	5.0
3.0	70	8.0	100	6.0

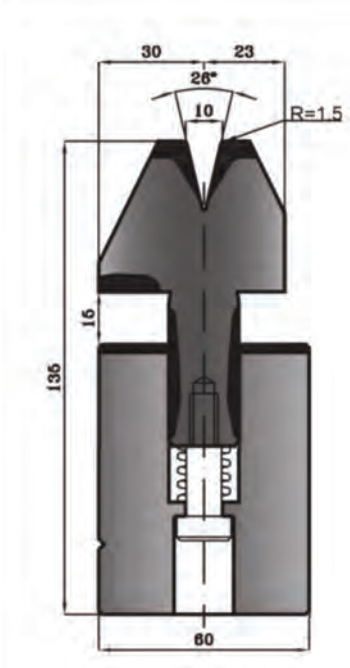
Material ~ 70Kg/mm²

S (mm)	Tn/mt	A(mm)	Tn/mt	2S (mm)
0.6	15	3	35	1.2
0.8	20	3	50	1.6
1.0	25	3.5	60	2.0
1.25	26	3.5	80	2.5
1.5	38	4.6	95	3.0
2.0	50	5.5	130	4.0

AMADA-PROMECAM

COD 30.380

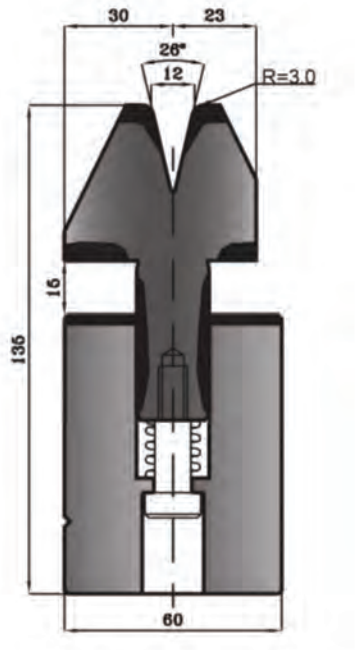
α26°|Max. Tn/mt 100



AMADA-PROMECAM

COD 30.400

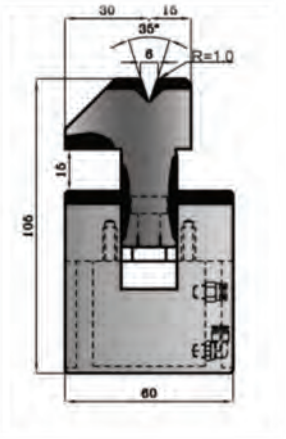
α26°|Max. Tn/mt 100



AMADA-PROMECAM

COD 30.390/PN

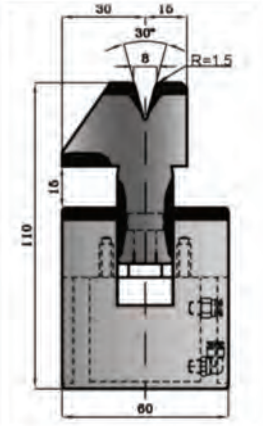
α35°|Max. Tn/mt 60



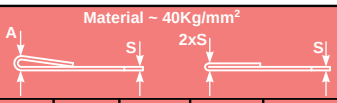
AMADA-PROMECAM

COD 30.410/PN

α30°|Max. Tn/mt 80



Material ~ 40Kg/mm²

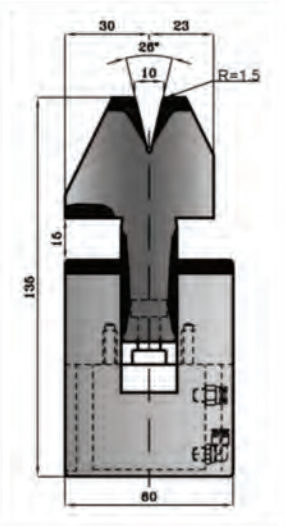


S (mm)	Tn/mt	A(mm)	Tn/mt	2S (mm)
0.6	9	3	23	1.2
0.8	12	3	32	1.6
1.0	15	3.5	40	2.0
1.25	17	3.5	50	2.5
1.5	22	4.6	63	3.0
2.0	30	5.5	80	4.0
2.5	55	6.5	90	5.0
3.0	70	8.0	100	6.0

AMADA-PROMECAM

COD 30.380/PN

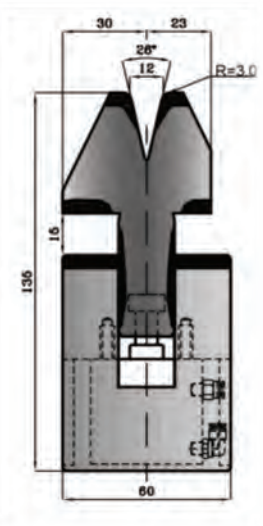
α26°|Max. Tn/mt 100



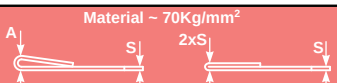
AMADA-PROMECAM

COD 30.400/PN

α26°|Max. Tn/mt 100



Material ~ 70Kg/mm²



S (mm)	Tn/mt	A(mm)	Tn/mt	2S (mm)
0.6	15	3	35	1.2
0.8	20	3	50	1.6
1.0	25	3.5	60	2.0
1.25	26	3.5	80	2.5
1.5	38	4.6	95	3.0
2.0	50	5.5	130	4.0

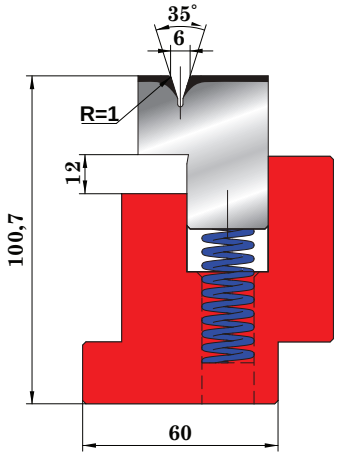
AMADA-PROMECAM

COD 43.130

AMADA-PROMECAM

COD 30.370/6

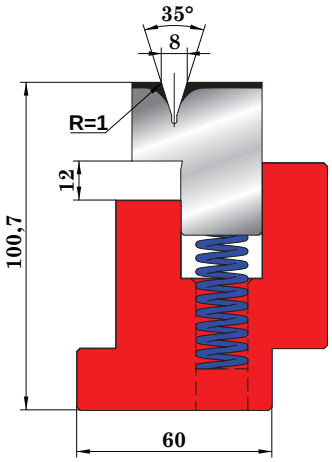
α35°|Max. Tn/mt 60



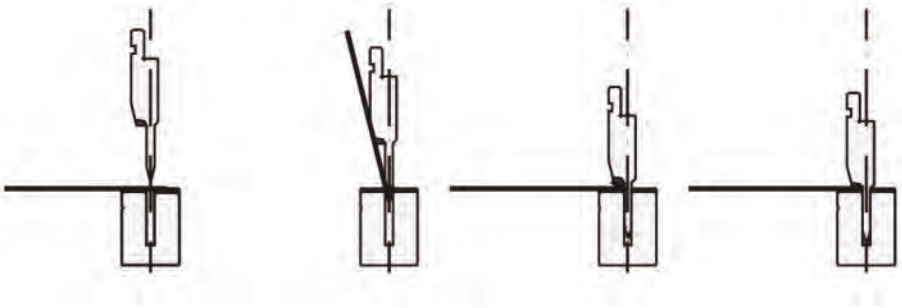
AMADA-PROMECAM

COD 30.370/8

α35°|Max. Tn/mt 60



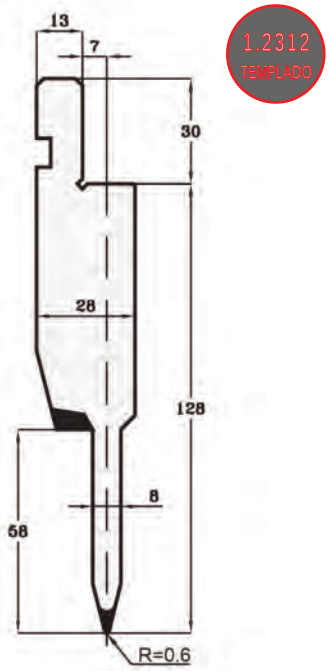
L=835
L=415
L=805 S



AMADA-PROMECAM

COD 11.950

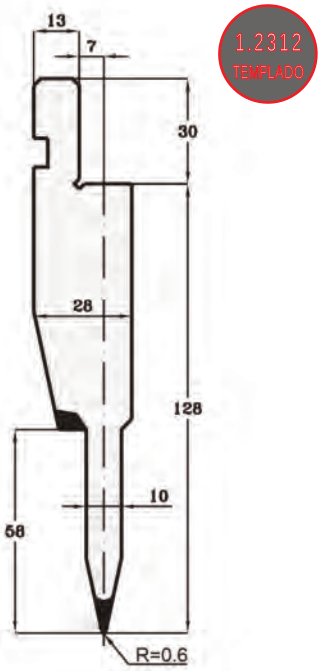
α28°|Max. Tn/mt 80



AMADA-PROMECAM

COD 11.960

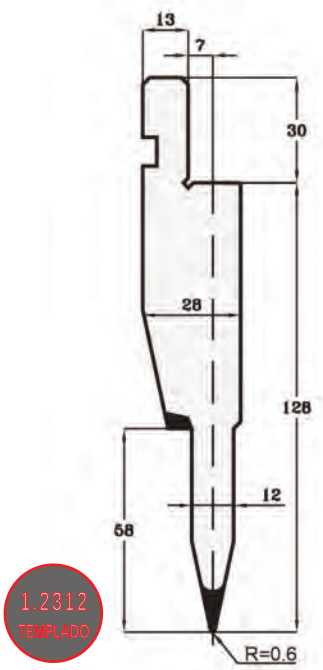
α24°|Max. Tn/mt 80



AMADA-PROMECAM

COD 11.970

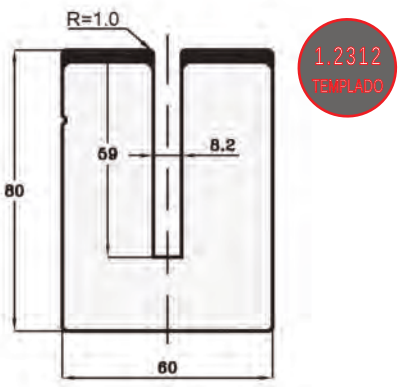
α24°|Max. Tn/mt 80



AMADA-PROMECAM

COD 31.760

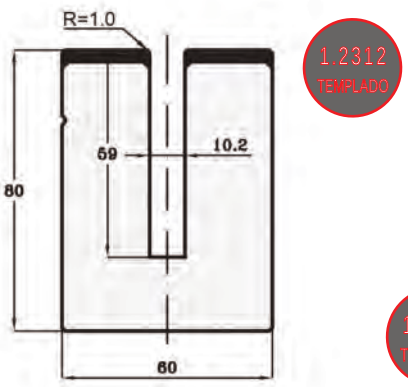
Max. Tn/mt 50



AMADA-PROMECAM

COD 31.770

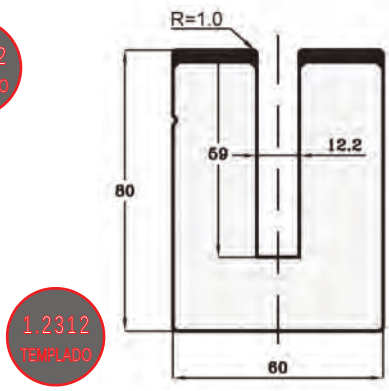
Max. Tn/mt 50



AMADA-PROMECAM

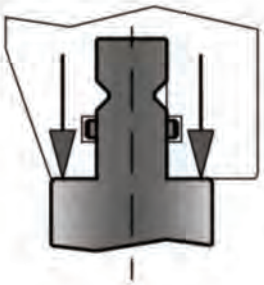
COD 31.780

Max. Tn/mt 50

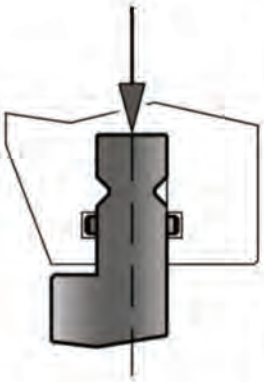


AMADA PROMECAM®

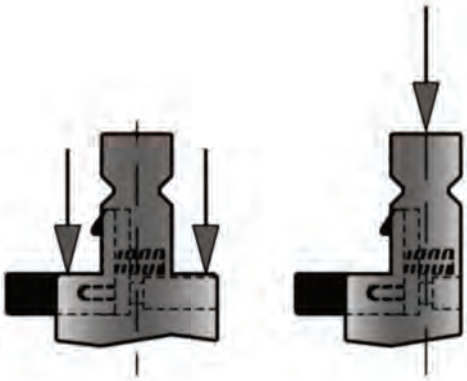
PRESIÓN SOBRE HOMBROS
PRESURE ON THE SHOULDERS

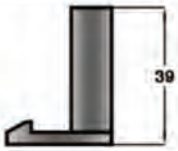
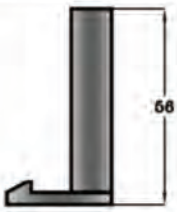


PRESIÓN SOBRE CABEZA
PRESURE ON THE HEAD



CON SAFETY CLICK
WITH SAFETY CLICK

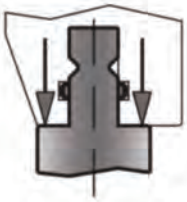


PULSADOR CAMBIO RÁPIDO FAST CHANGE BOTTOM		
12.333 12.370		80.202
12.332 12.380		80.203
12.331 12.340 12.350		80.204
12.941 13.020 13.030 12.335 12.950 10.444		80.205
12.334 12.330 12.360		80.206
12.940 12.943		80.207
		80.208

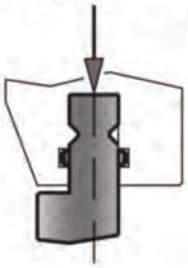
12.942 - 12.943, LARGO 500mm NO ESTÁ DISPONIBLE
12.942 - 12.943, LENGTH 500mm IS NOT AVAILABLE

LOS PUNZONES ESTÁNDAR ESTAN DISPONIBLES EN LARGOS 500mm Y FRACCIONADO DE 550mm
STANDARD PUNCHES ARE AVAILABLE LEGHTS IN 500mm AND 550mm SEGMENTATION

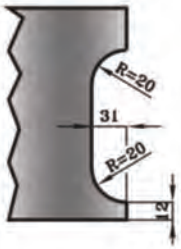
PRESIÓN SOBRE HOMBROS
PRESURE ON THE SHOULDERS



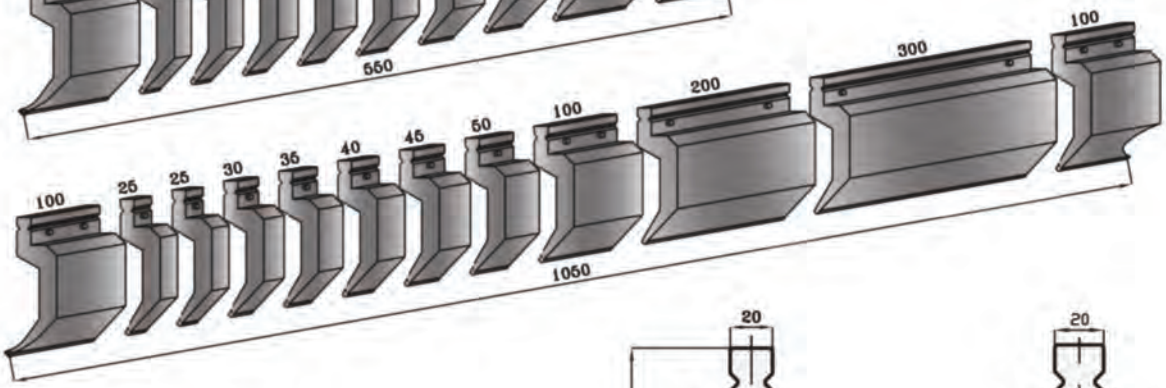
PRESIÓN SOBRE CABEZA
PRESURE ON THE HEAD

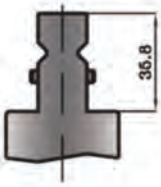


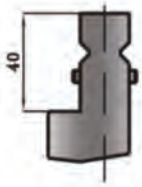
BIGORNIA FRACCIONADO ESTÁNDAR
STANDARD HORN



FRACCIONADO ESTÁNDAR
STANDARD SEGMENTATION

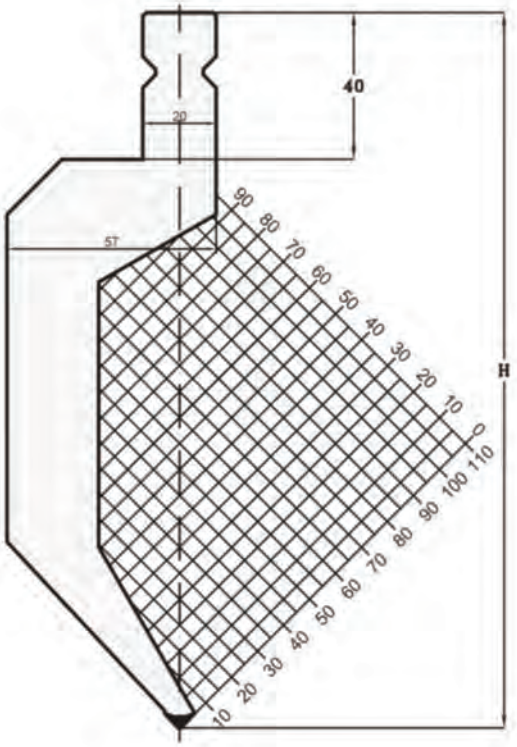




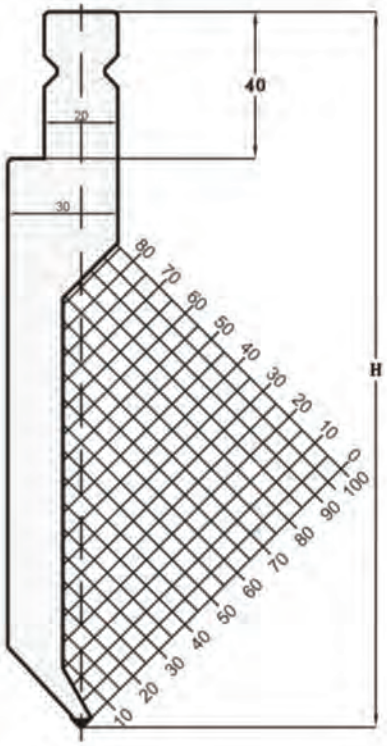


LEYENDA / DESCRIPTION	
H	= ALTURA PUNZÓN / PUNCH HEIGHT
α	= ÁNGULO PUNZÓN / PUNCH DEGREE
R	= RADIO PUNZÓN / PUNCH RADIUS

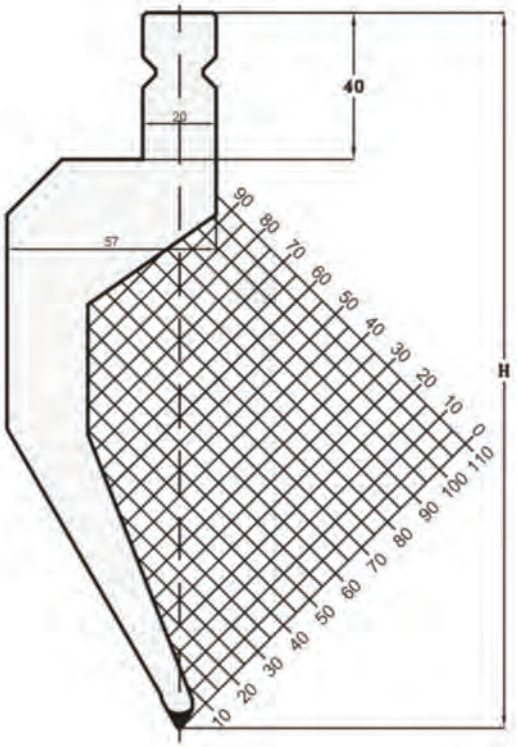
COD	α	R	H	MAX Tn/mt
12.330	86°	0.80	195.00	40



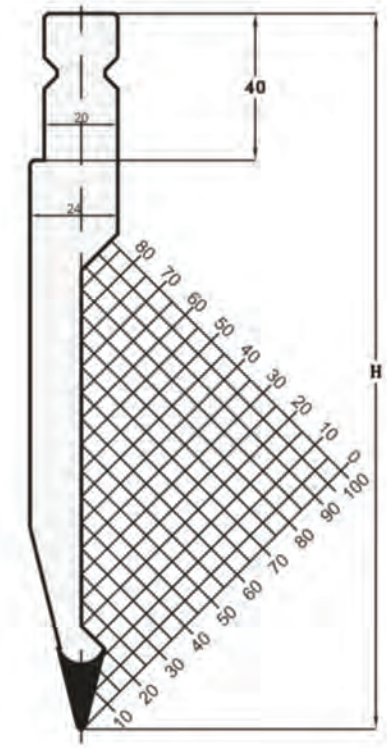
COD	α	R	H	MAX Tn/mt
12.340	86°	0.60	195.00	30



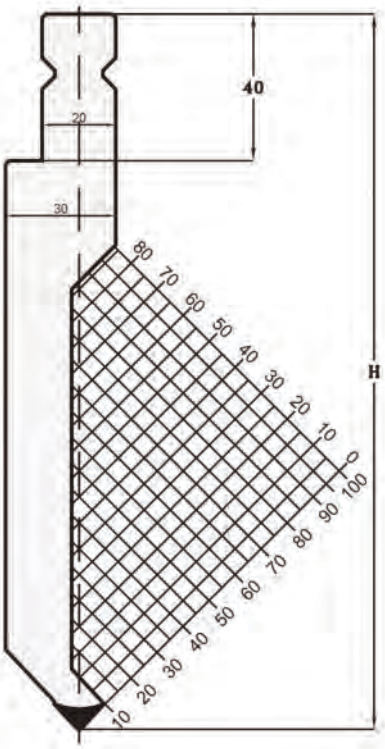
COD	α	R	H	MAX Tn/mt
12.360	60°	0.80	195.00	40



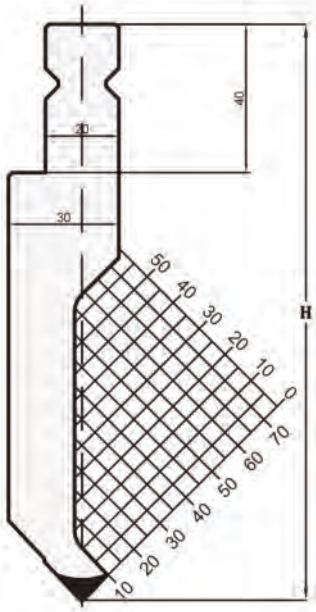
COD	α	R	H	MAX Tn/mt
12.380	28°	1.00	195.00	80



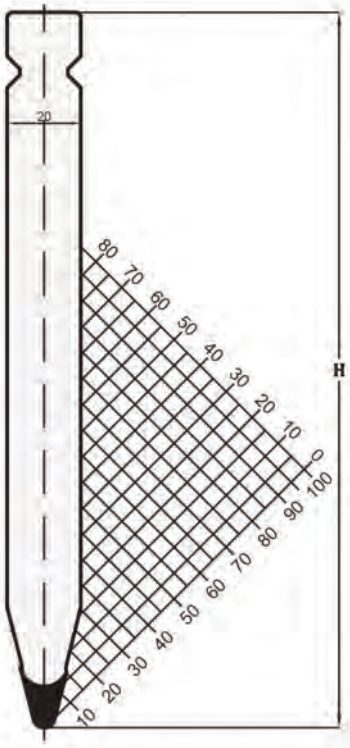
COD	α	R	H	MAX Tn/mt
12.350	86°	0.80	195.00	80



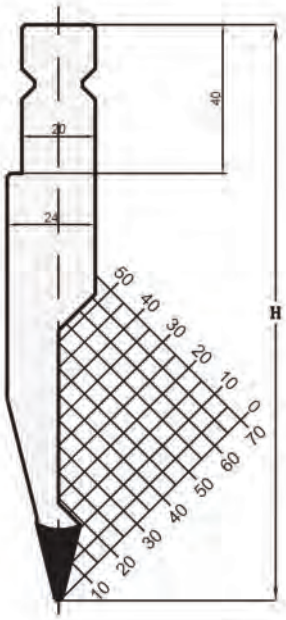
COD	α	R	H	MAX Tn/mt
12.331	86°	1.00	157.00	80



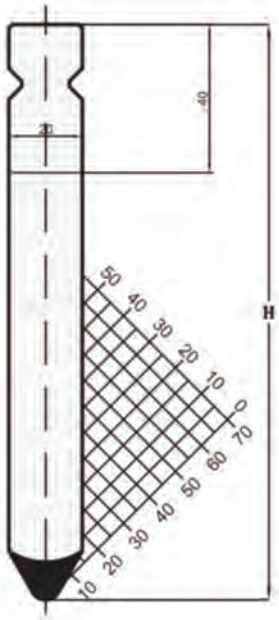
COD	α	R	H	MAX Tn/mt
12.370	28°	3.00	195.00	100



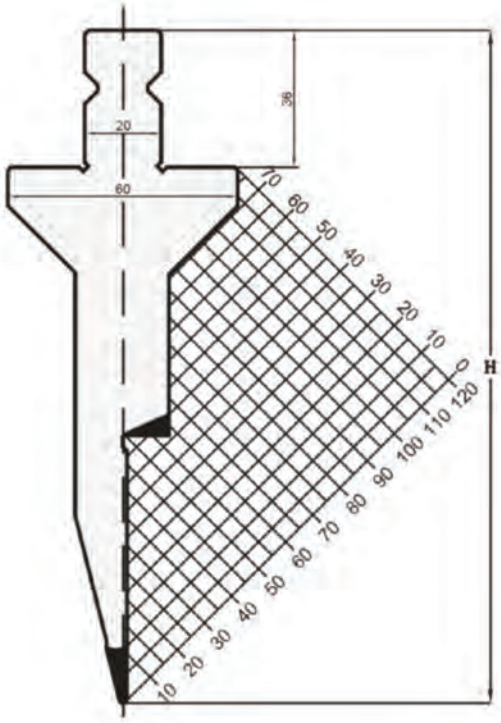
COD	α	R	H	MAX Tn/mt
12.332	28°	1.00	157.00	80



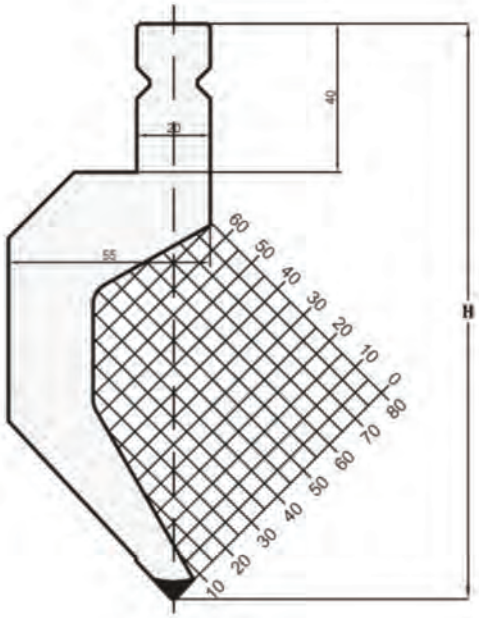
COD	α	R	H	MAX Tn/mt
12.333	60°	4.00	157.00	130



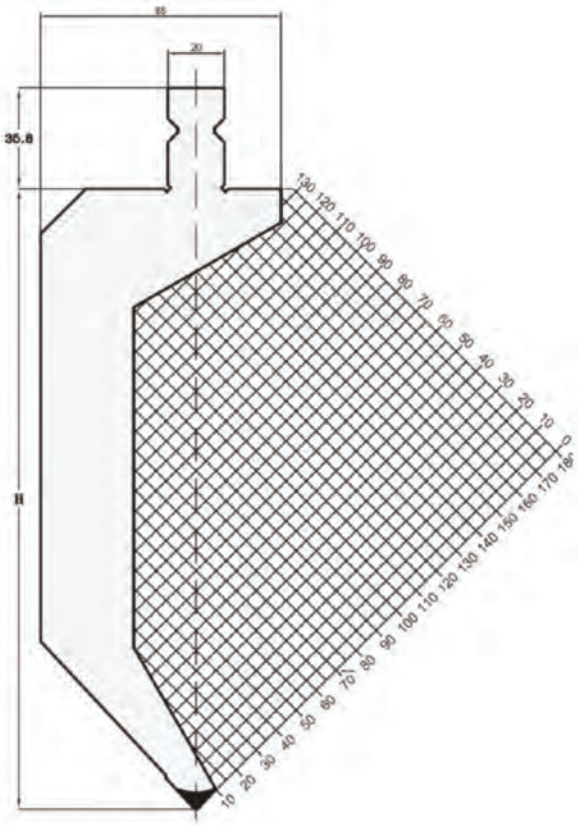
COD	α	R	H	MAX Tn/mt
12.335	28°	1.00	176.00	40



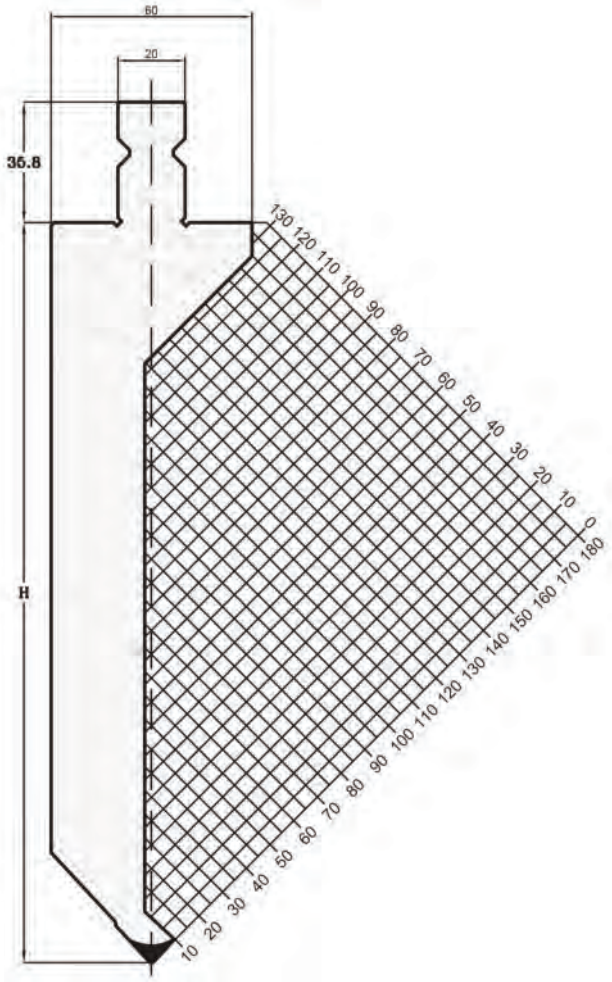
COD	α	R	H	MAX Tn/mt
12.334	86°	1.00	157.00	80



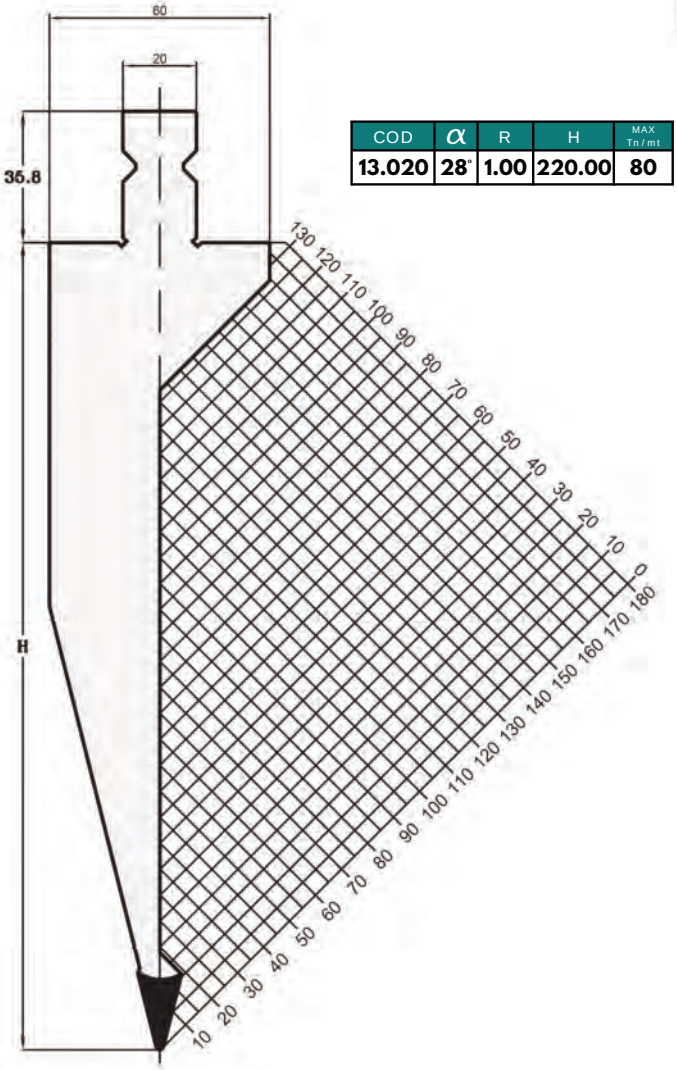
COD	α	R	H	MAX Tn/mt
12.940	86°	1.00	220.00	60



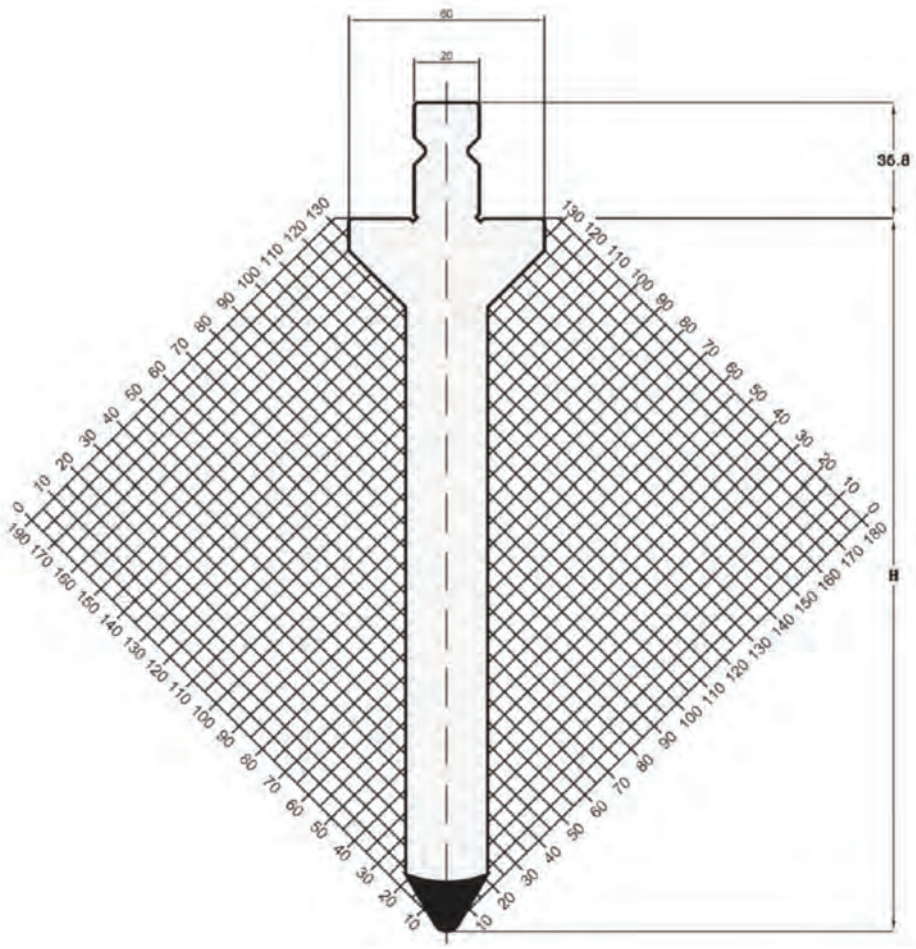
COD	α	R	H	MAX Tn/mt
12.941	86°	1.00	220.00	80



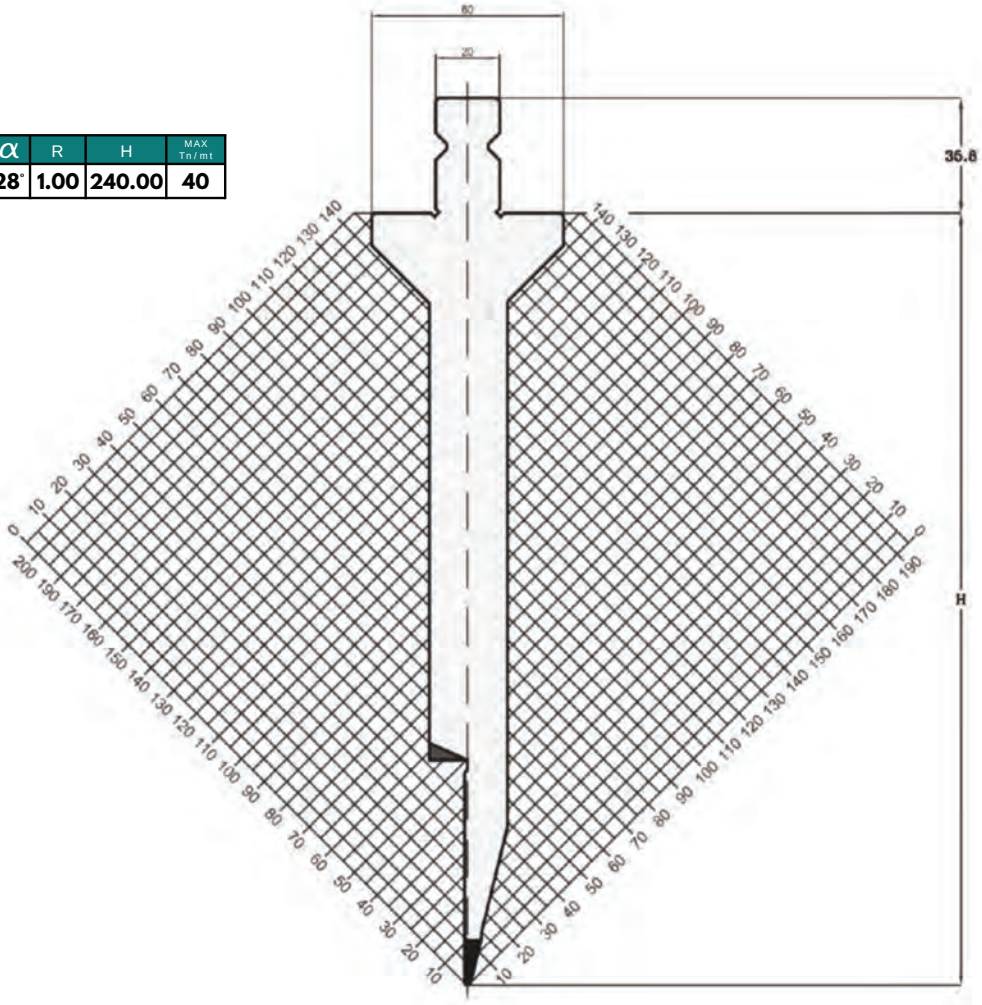
COD	α	R	H	MAX Tn/mt
13.020	28°	1.00	220.00	80

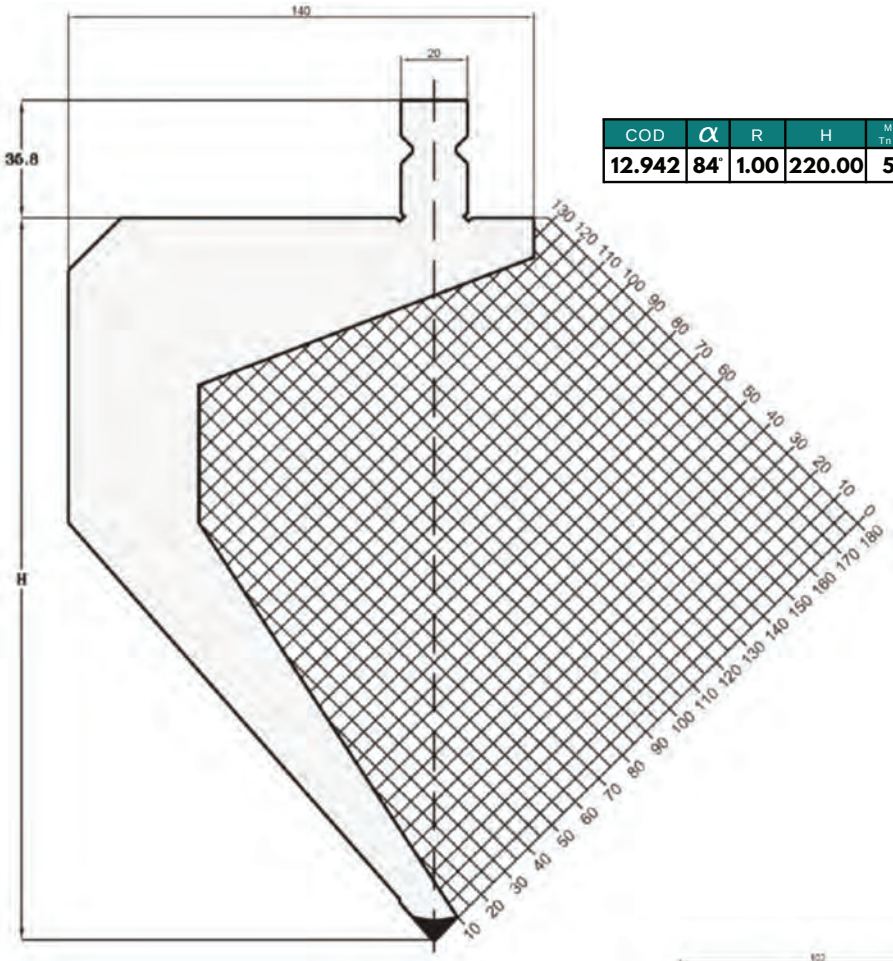


COD	α	R	H	MAX Tn/mt
13.030	60°	4.00	220.00	100

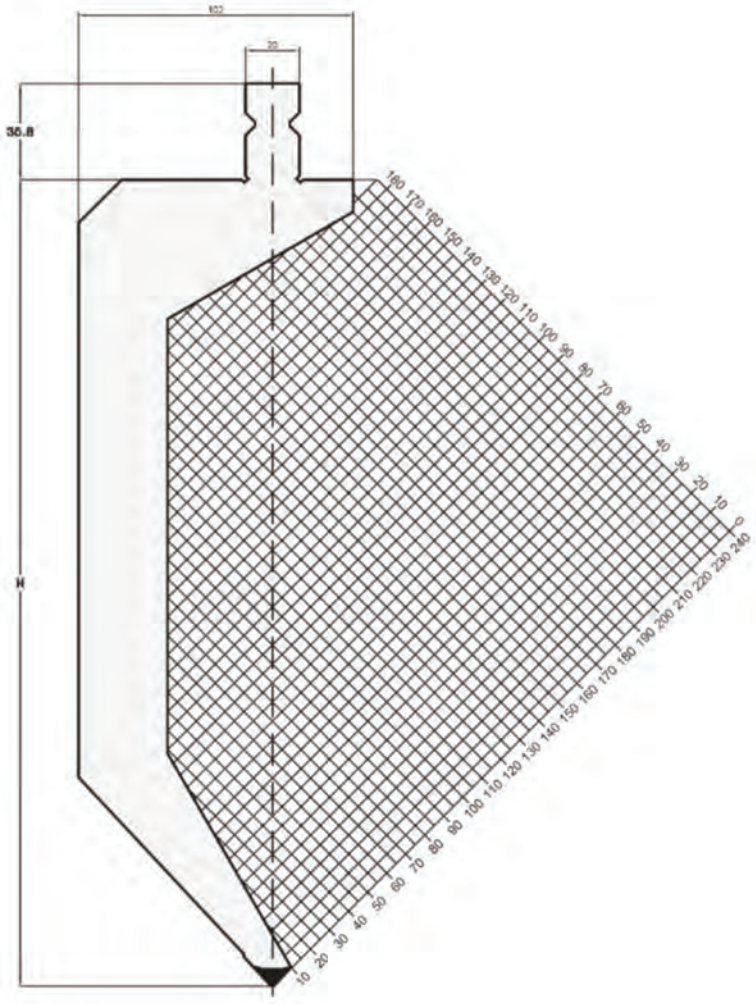


COD	α	R	H	MAX Tn/mt
12.950	28°	1.00	240.00	40



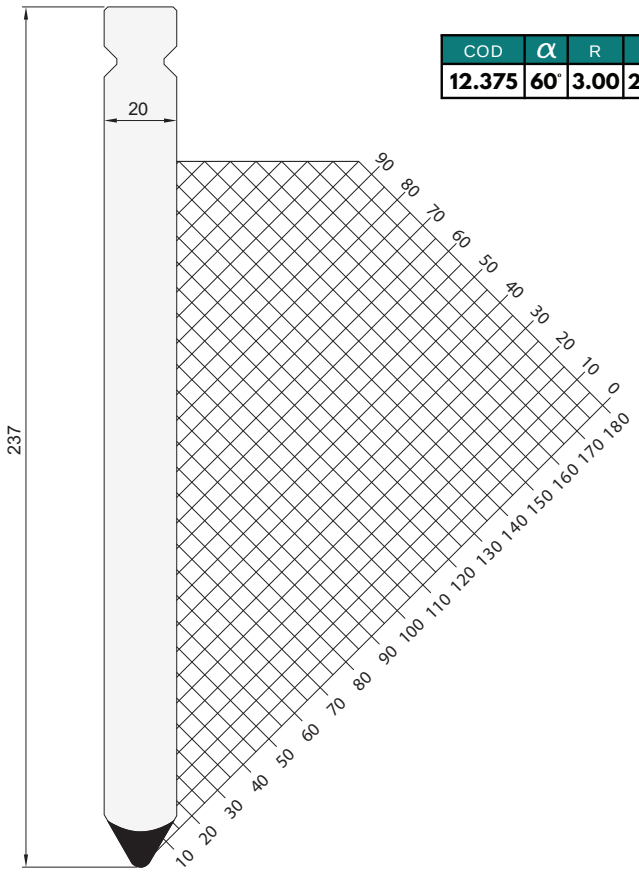


COD	α	R	H	MAX Tn/mt
12.942	84°	1.00	220.00	50

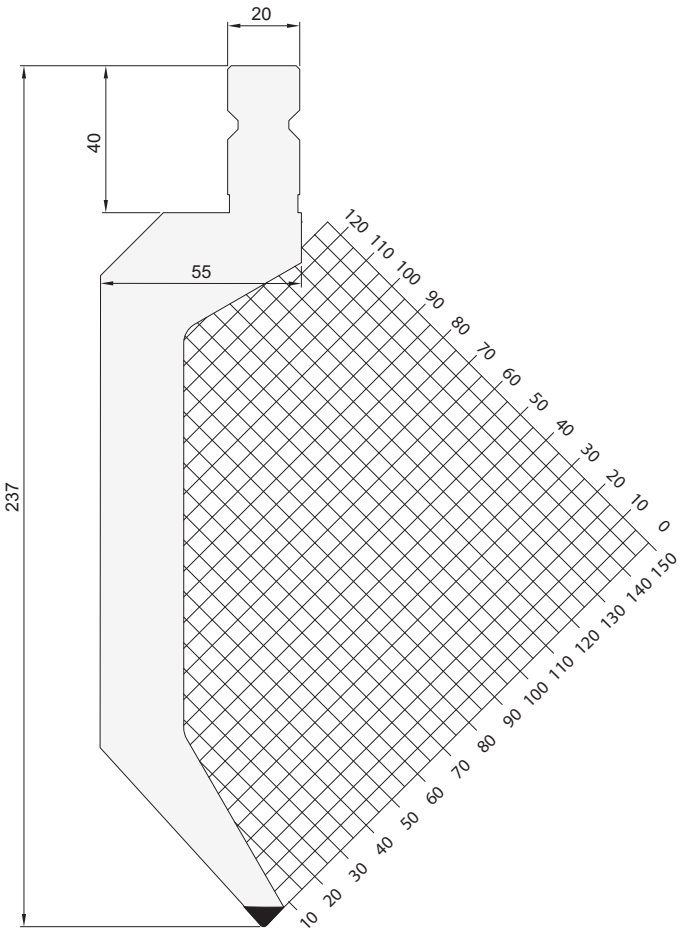


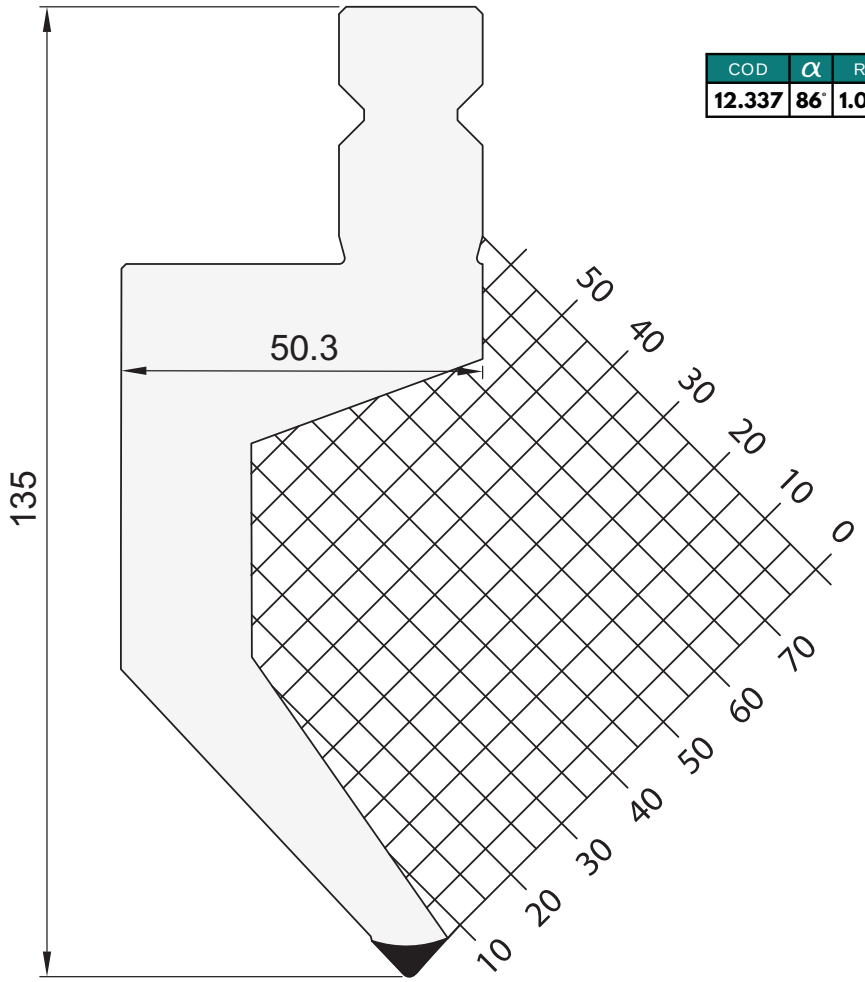
COD	α	R	H	MAX Tn/mt
12.943	86°	1.00	300.00	40

COD	α	R	H	MAX Tn/mt
12.375	60°	3.00	237.00	100



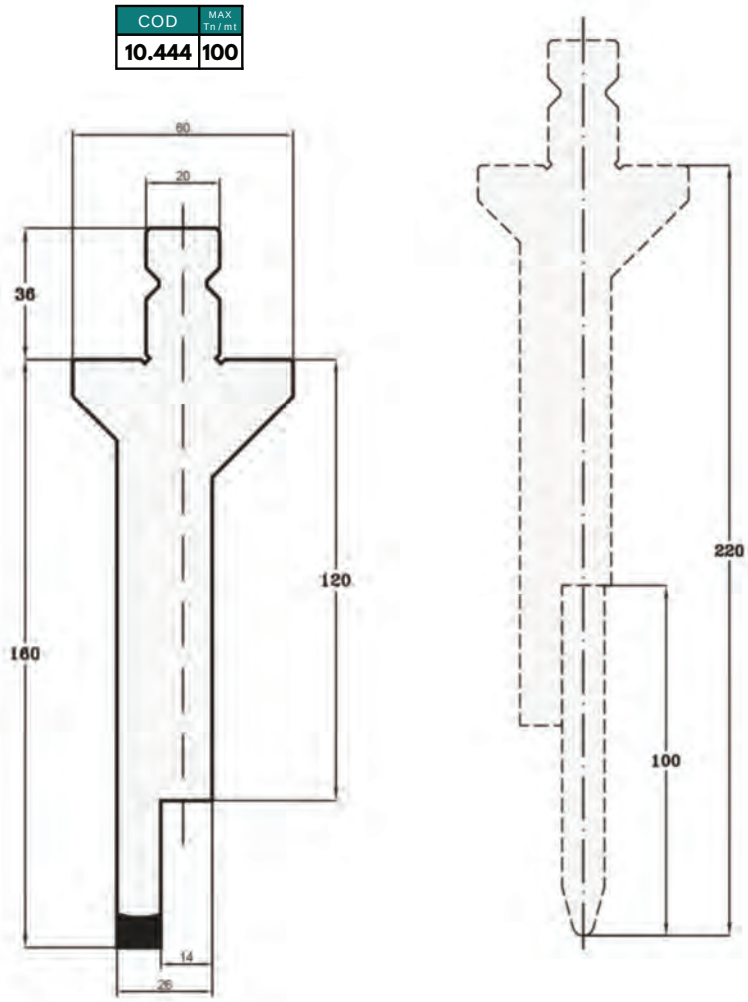
COD	α	R	H	MAX Tn/mt
12.336	86°	1.00	237.00	50



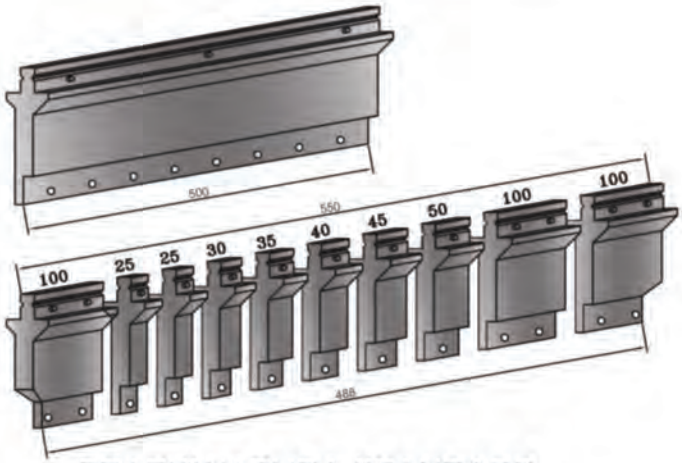


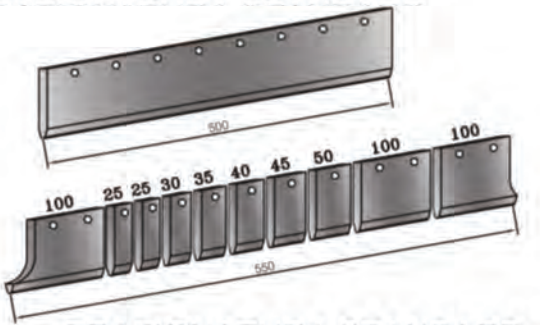
COD	α	R	H	MAX Tn/mt
12.337	86°	1.00	135.00	45

COD	MAX Tn / mt
10.444	100



FRACCIONADO ESTÁNDAR
STANDARD SEGMENTATION





COD 13.500
α28°|R 0.50|H 100.00|Max. Tn / mt 100

COD 13.501
α28°|R 1.00|H 100.00|Max. Tn / mt 100

COD 13.502
α28°|R 2.00|H 100.00|Max. Tn / mt 100

COD 13.503
α28°|R 3.00|H 100.00|Max. Tn / mt 100

COD 13.504
α28°|R 4.00|H 100.00|Max. Tn / mt 100

COD 13.505
α28°|R 5.00|H 100.00|Max. Tn / mt 100

COD 13.506
α28°|R 6.00|H 100.00|Max. Tn / mt 100

COD 13.520
α84°|R 1.00|H 100.00|Max. Tn / mt 100

COD 13.530
α86°|R 1.00|H 100.00|Max. Tn / mt 100

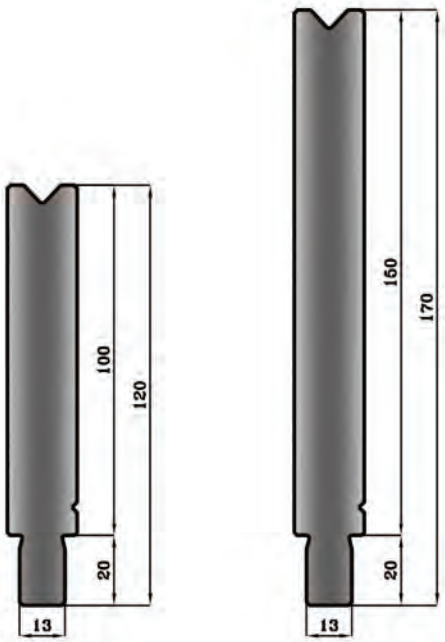
COD 13.550
α90°|R 0.50|H 100.00|Max. Tn / mt 100

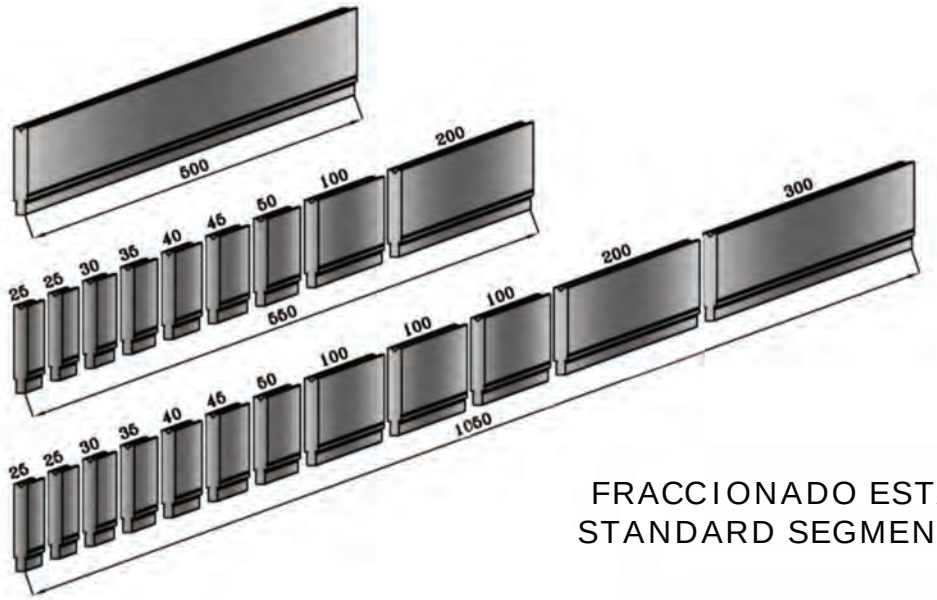
COD 13.551
α90°|R 1.00|H 100.00|Max. Tn / mt 100

COD 13.552
α90°|R 1.50|H 100.00|Max. Tn / mt 100

COD 13.553
α90°|R 2.00|H 100.00|Max. Tn / mt 100

LAS MATRICES ESTÁNDAR ESTÁN DISPONIBLES EN LARGO: 500mm Y FRACCIONADO DE 550mm
STANDARD DIES ARE AVAILABLE IN LENGTHS: 500mm AND 550mm SEGMENTED



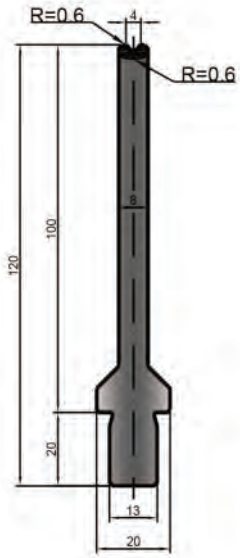


FRACCIONADO ESTÁNDAR
STANDARD SEGMENTATION

WILA TRUMPF ®

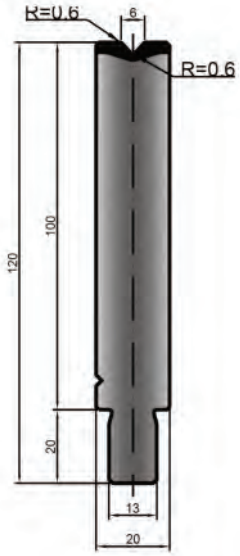
COD 40.300

α86°|Max. Tn/mt 100



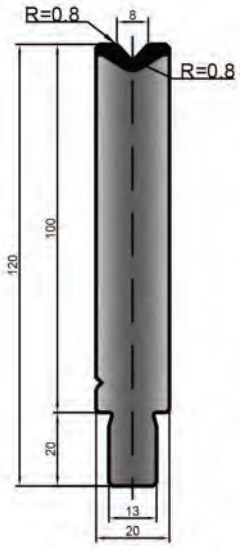
COD 40.301

α86°|Max. Tn/mt 100



COD 40.302

α86°|Max. Tn/mt 100

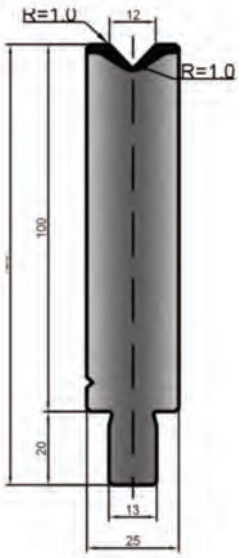


COD 40.303

α86°|Max. Tn/mt 100

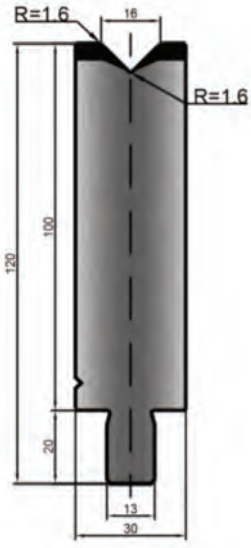
COD 40.304

α86°|Max. Tn/mt 100



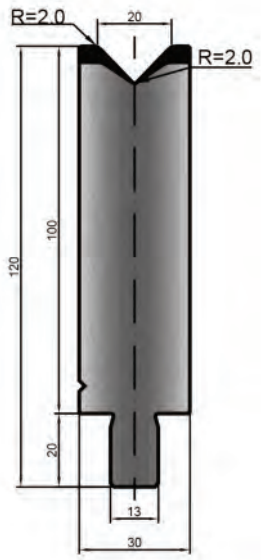
COD 40.309

α86°|Max. Tn/mt 100



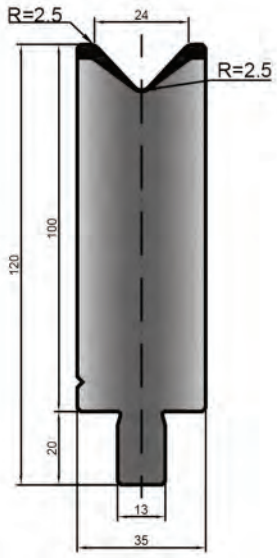
COD 40.310

α86°|Max. Tn/mt 100



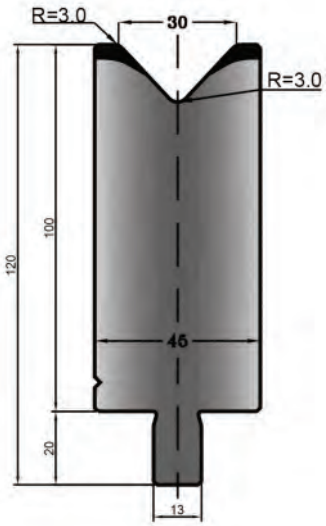
COD 40.311

α86°|Max. Tn/mt 100



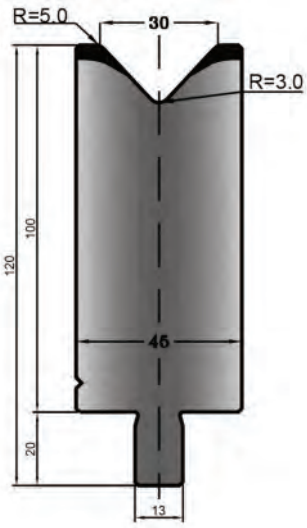
COD 40.315

α86°|Max. Tn/mt 100



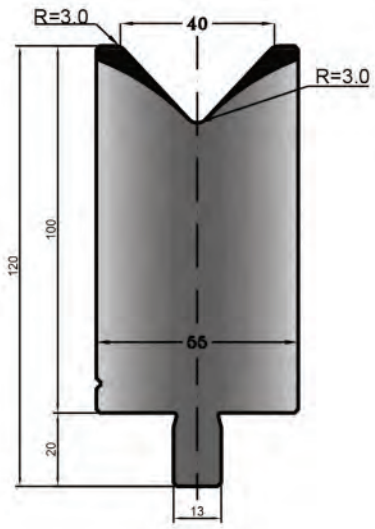
COD 40.316

α80°|Max. Tn/mt 100



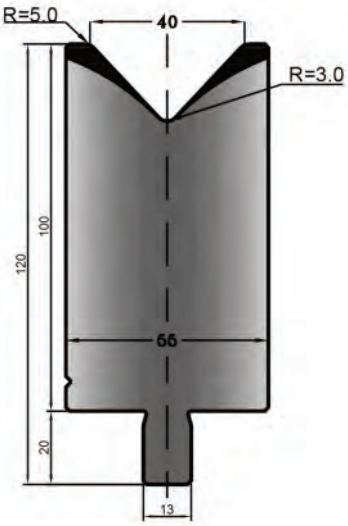
COD 40.317

α80°|Max. Tn/mt 100



COD 40.318

α80°|Max. Tn/mt 100

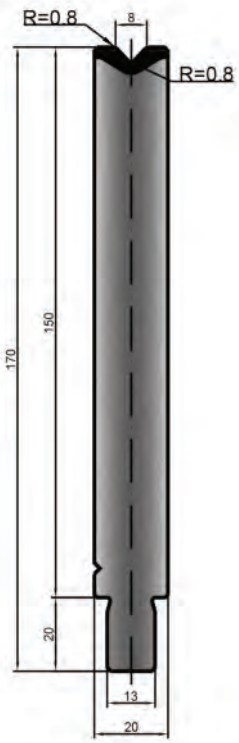


COD 40.305

α86°|Max. Tn/mt 100

COD 40.306

α86°|Max. Tn/mt 100

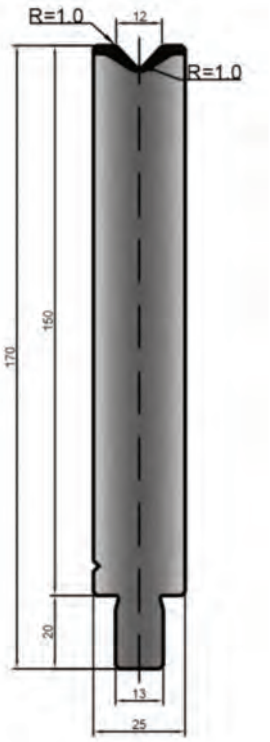


COD 40.307

α86°|Max. Tn/mt 100

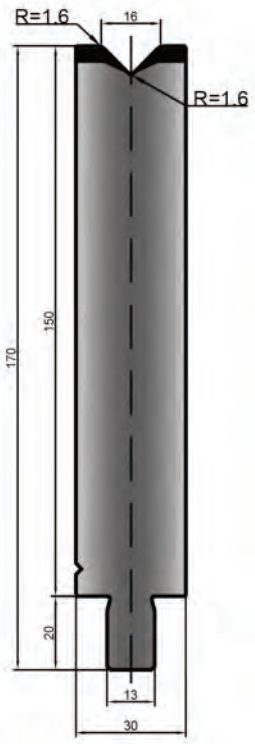
COD 40.308

α86°|Max. Tn/mt 100



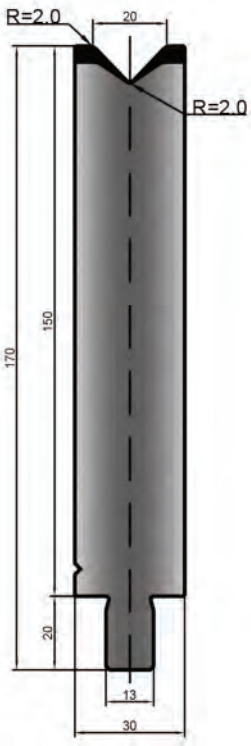
COD 40.312

α86°|Max. Tn/mt 100



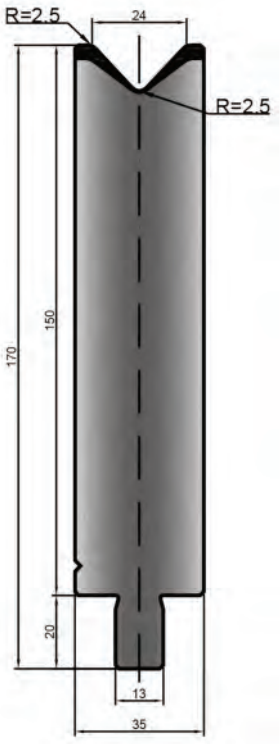
COD 40.313

α86°|Max. Tn/mt 100



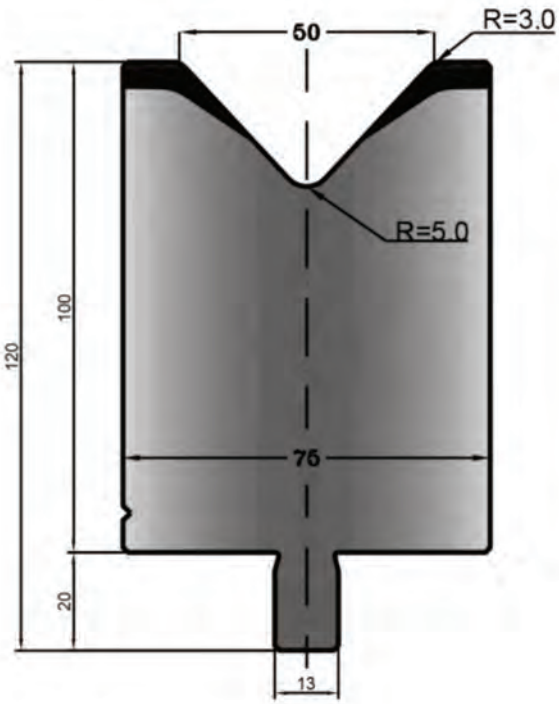
COD 40.314

α86°|Max. Tn/mt 100



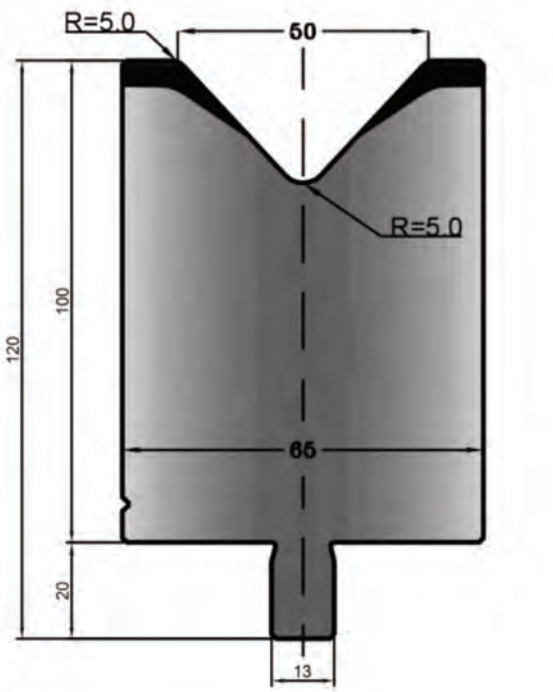
COD 40.319

α86°|Max. Tn/mt 100



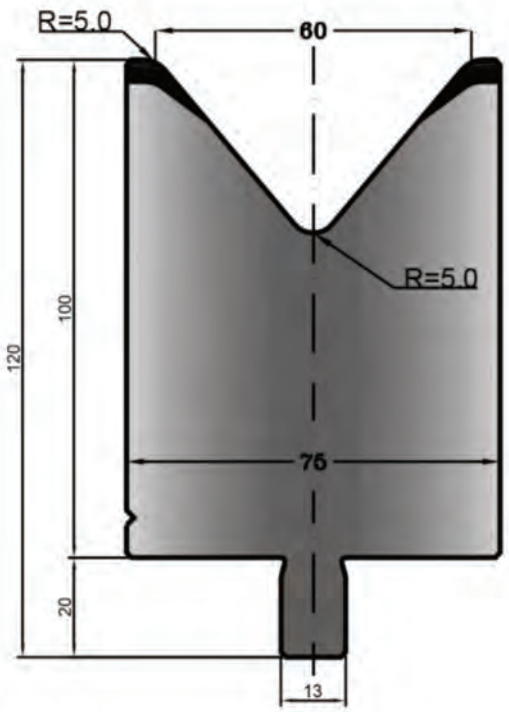
COD 40.320

α80°|Max. Tn/mt 100



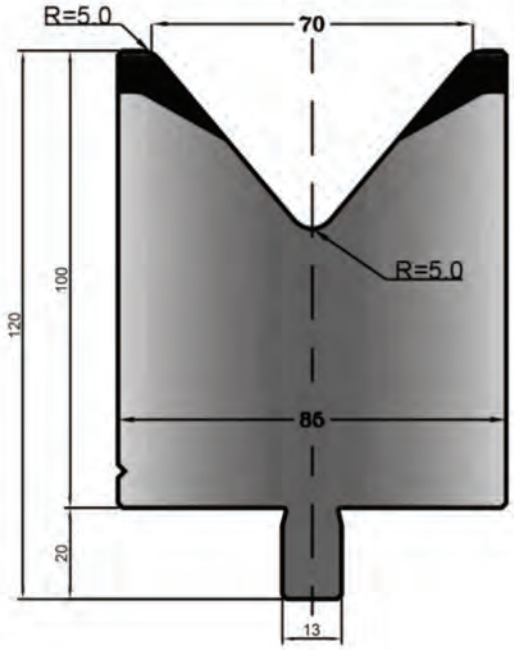
COD 40.321

α80°|Max. Tn/mt 100



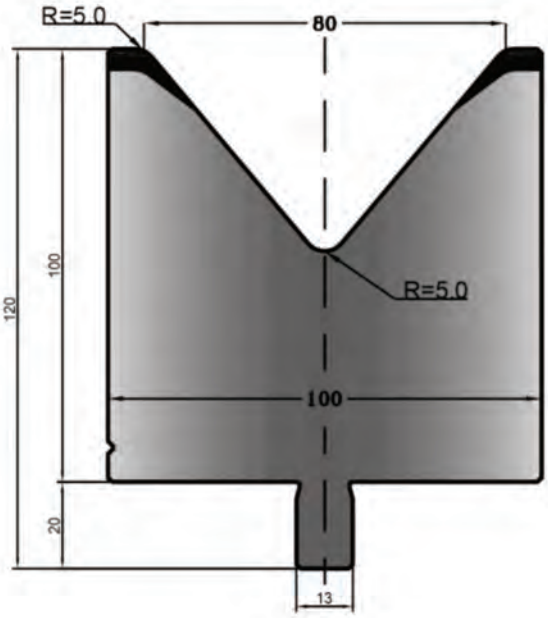
COD 40.322

α80°|Max. Tn/mt 100



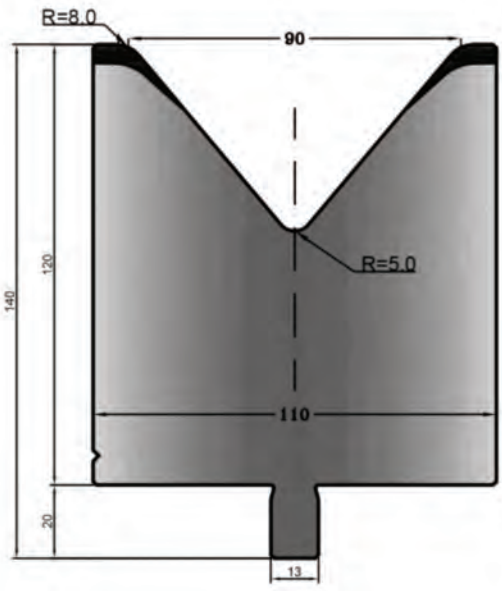
COD 40.323

α80°|Max. Tn/mt 100



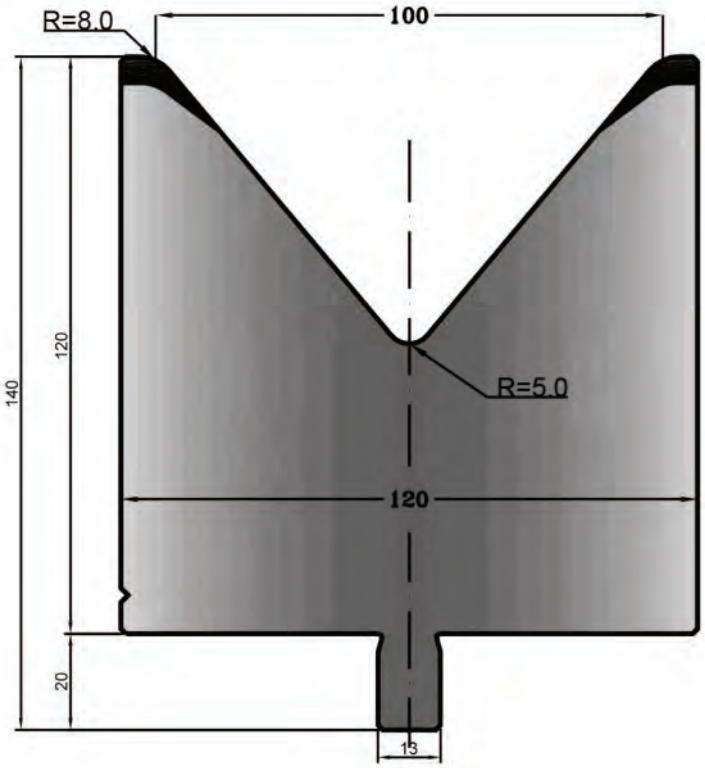
COD 40.324

α80°|Max. Tn/mt 100



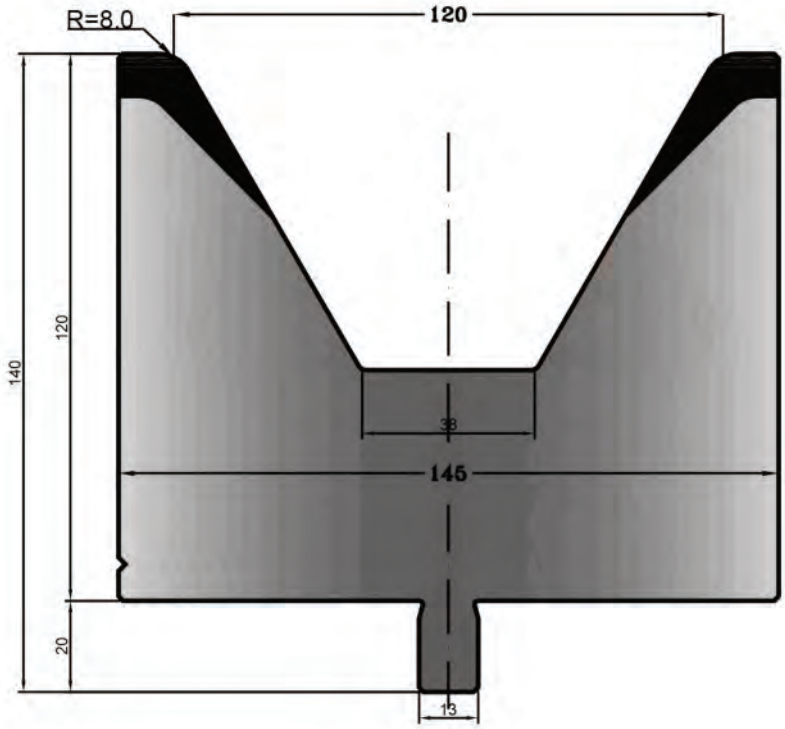
COD 40.325

α80° | Max. Tn / mt 100



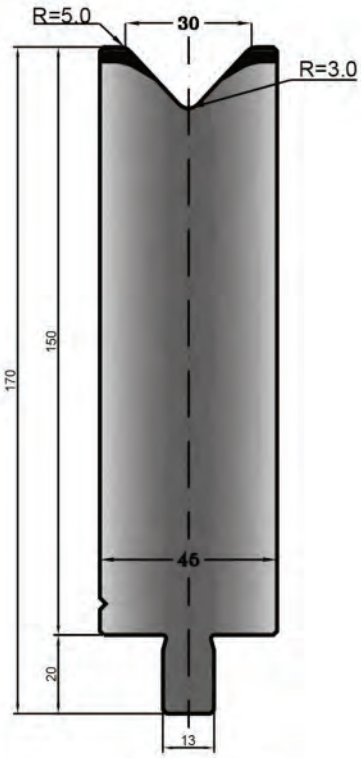
COD 40.326

α60° | Max. Tn / mt 100



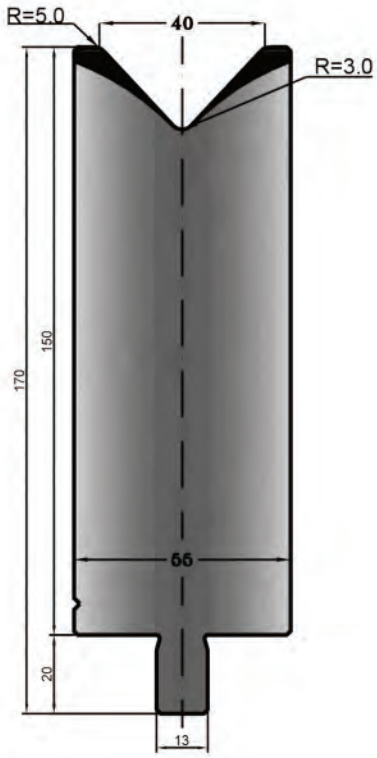
COD 40.327

α80°|Max. Tn/mt 100



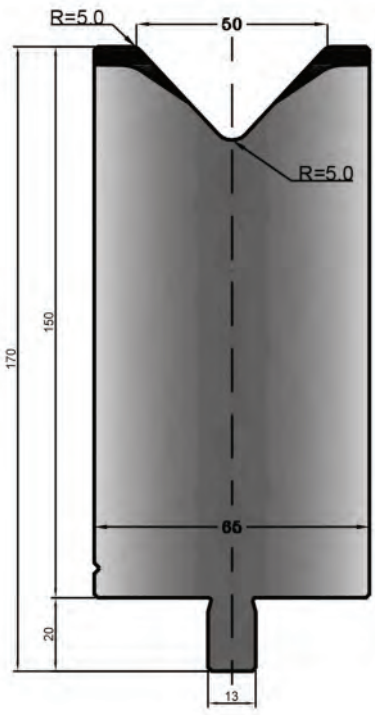
COD 40.328

α80°|Max. Tn/mt 100



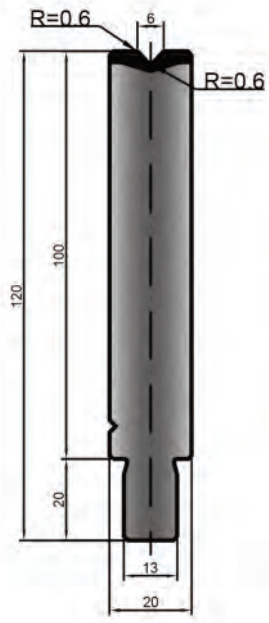
COD 40.329

α80°|Max. Tn/mt 100



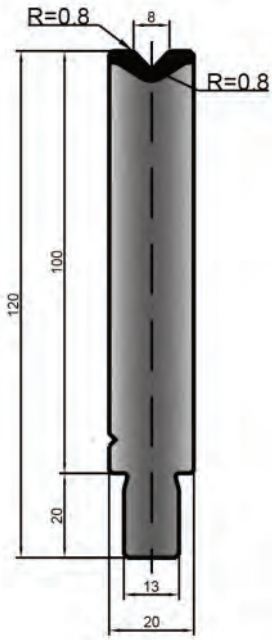
COD 40.368

α84°|Max. Tn/mt 100



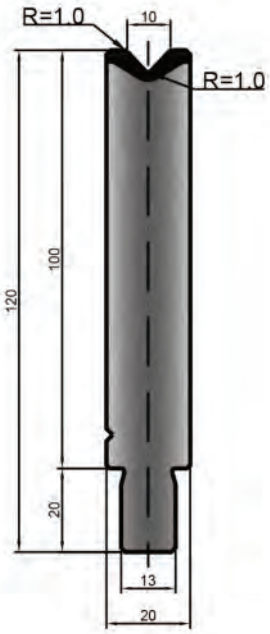
COD 40.331

α84°|Max. Tn/mt 100



COD 40.332

α84°|Max. Tn/mt 100



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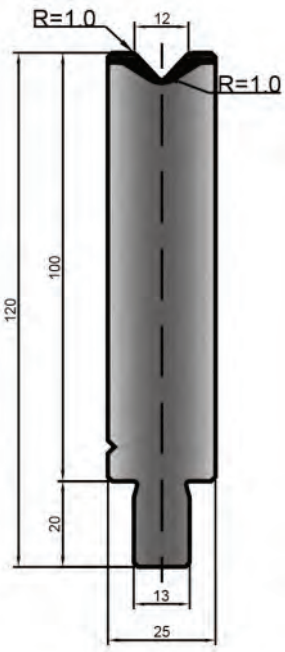
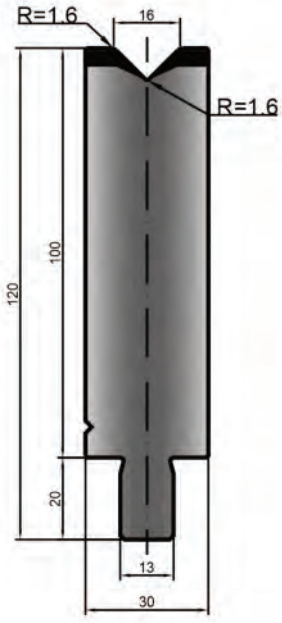
α84°|Max. Tn/mt 100



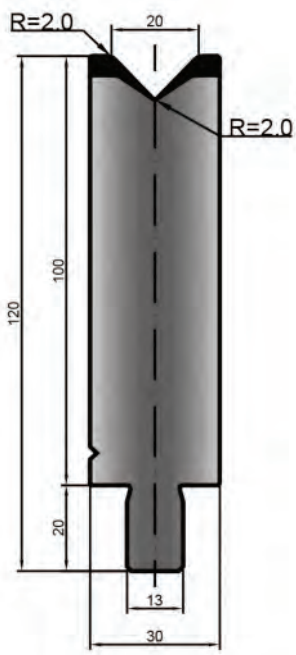
COD 40.338

α84°|Max. Tn/mt 100



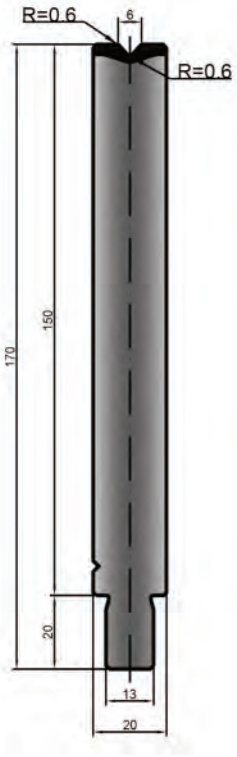
COD 40.339

α84°|Max. Tn/mt 100



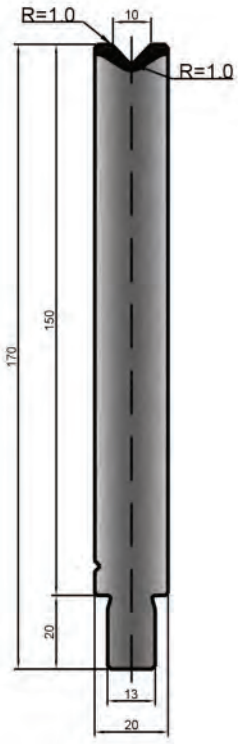
COD 40.334

α84°|Max. Tn/mt 100



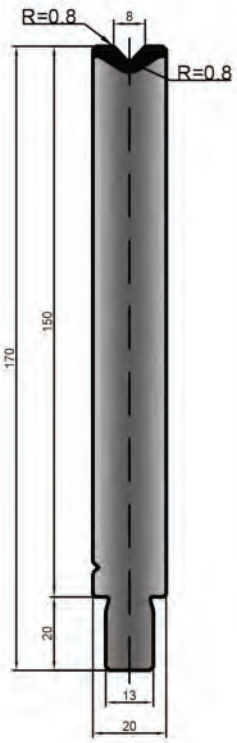
COD 40.336

α84°|Max. Tn/mt 100



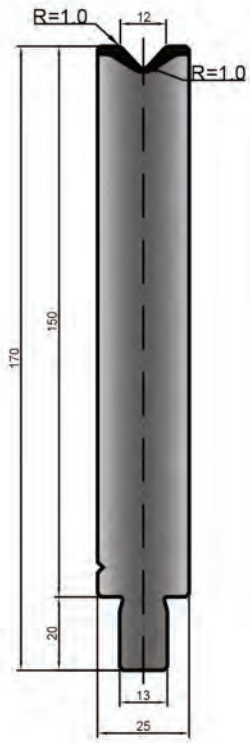
COD 40.335

α84°|Max. Tn/mt 100



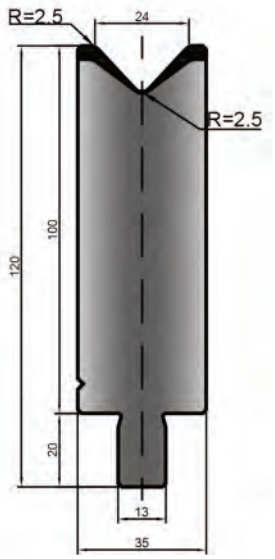
COD 40.337

α84°|Max. Tn/mt 100



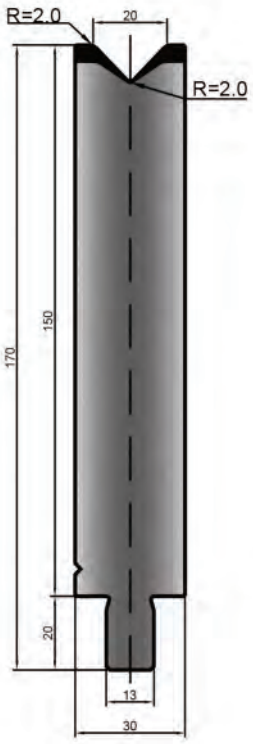
COD 40.340

α80°|Max. Tn/mt 100



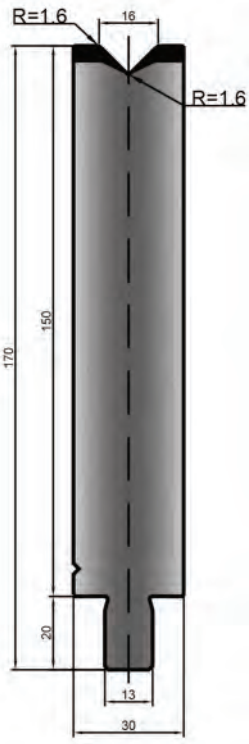
COD 40.342

α84°|Max. Tn/mt 100



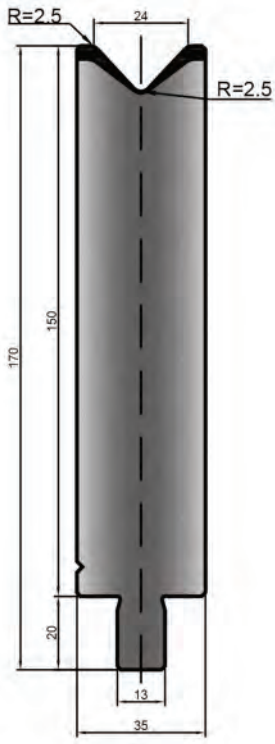
COD 40.341

α84°|Max. Tn/mt 100



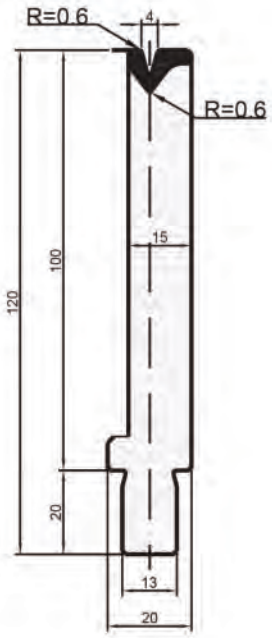
COD 40.343

α80°|Max. Tn/mt 100



COD 40.344

α30°|Max. Tn/mt 40

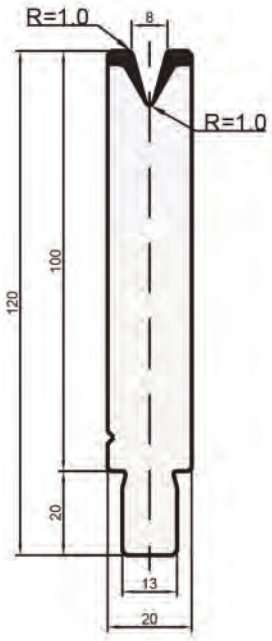


COD 40.345

α30°|Max. Tn/mt 40

COD 40.346

α30°|Max. Tn/mt 50

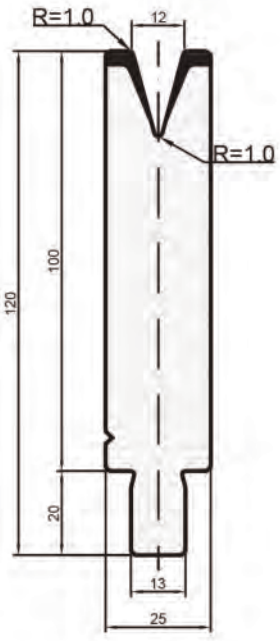


COD 40.347

α30°|Max. Tn/mt 40

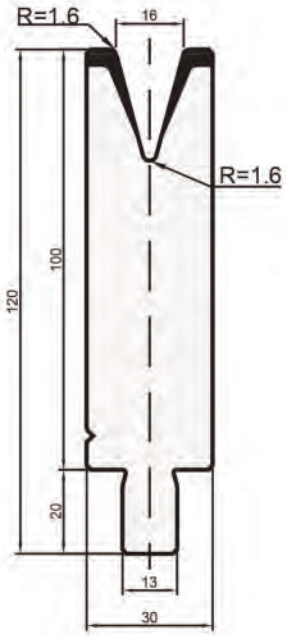
COD 40.348

α30°|Max. Tn/mt 40



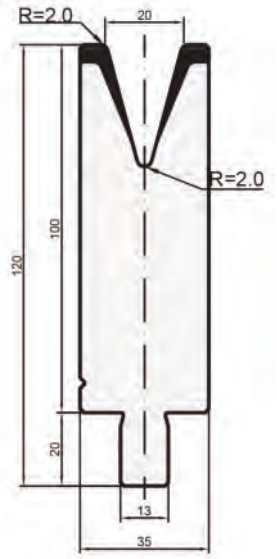
COD 40.353

α30°|Max. Tn/mt 45



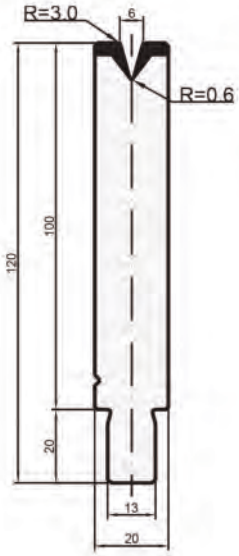
COD 40.354

α30°|Max. Tn/mt 50



COD 40.360

α30°|Max. Tn/mt 40



COD 40.361

α30°|Max. Tn/mt 50

COD 40.362

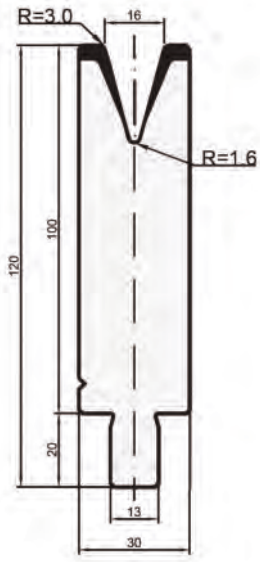
α30°|Max. Tn/mt 40

COD 40.363

α30°|Max. Tn/mt 40

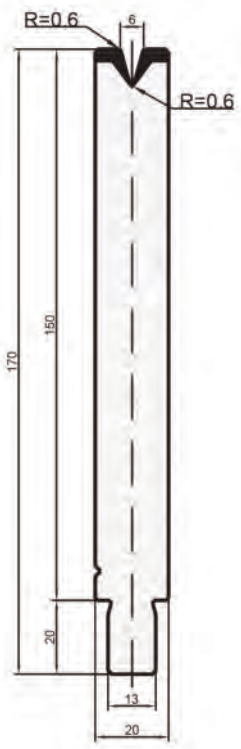
COD 40.364

α30°|Max. Tn/mt 45



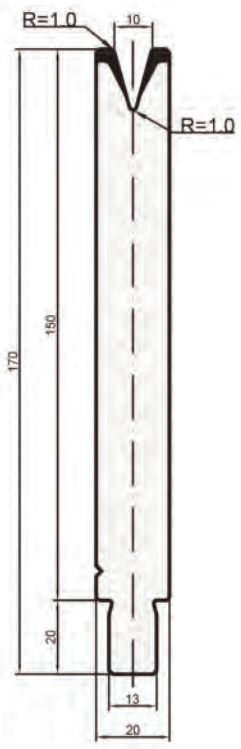
COD 40.349

α30°|Max. Tn/mt 50



COD 40.351

α30°|Max. Tn/mt 40

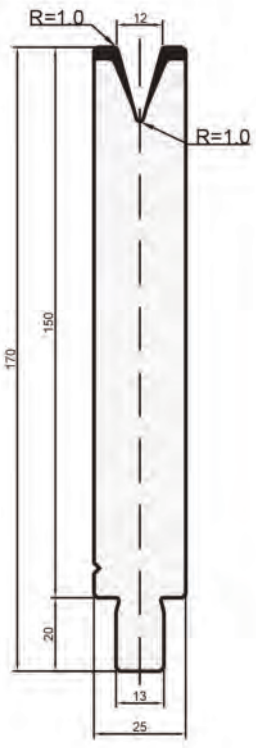


COD 40.350

α30°|Max. Tn/mt 40

COD 40.352

α30°|Max. Tn/mt 40

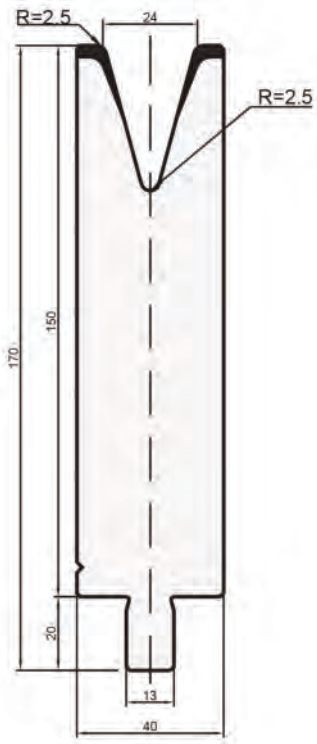


COD 40.357

α30°|Max. Tn/mt 45

COD 40.359

α30°|Max. Tn/mt 50

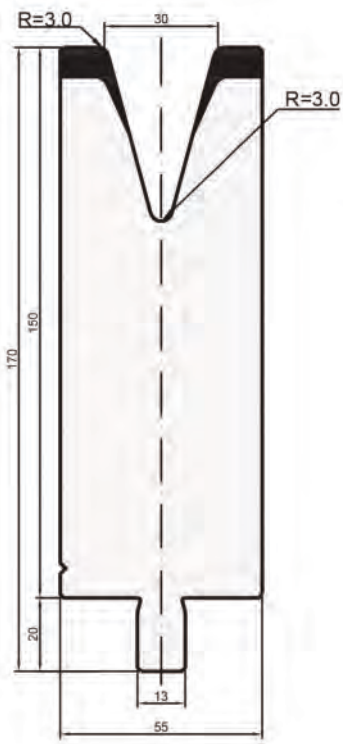


COD 40.358

α30°|Max. Tn/mt 50

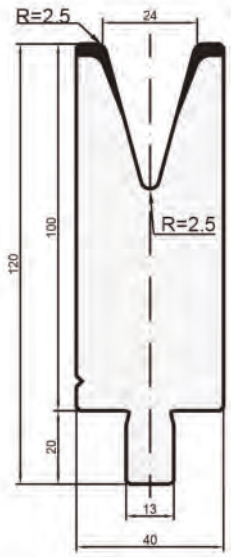
COD 40.365

α30°|Max. Tn/mt 45



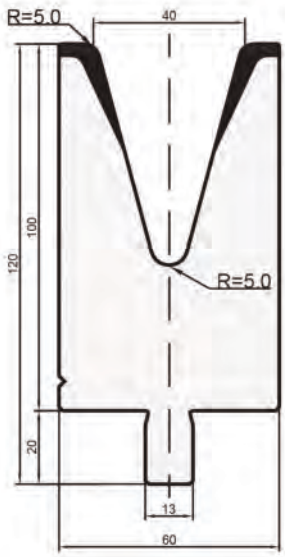
COD 40.355

α30°|Max. Tn/mt 50



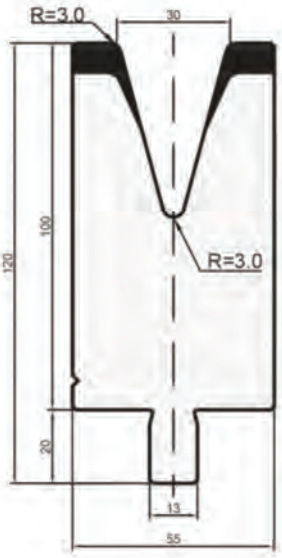
COD 40.366

α30°|Max. Tn/mt 50



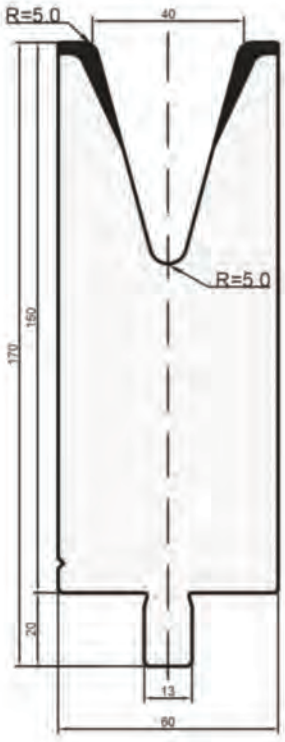
COD 40.356

α30°|Max. Tn/mt 60



COD 40.367

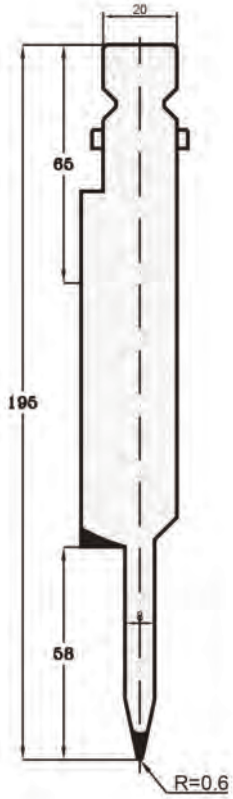
α30°|Max. Tn/mt 50



WILA TRUMPF ®

COD 12.490

α28°|Max. Tn/mt 80



COD 12.500

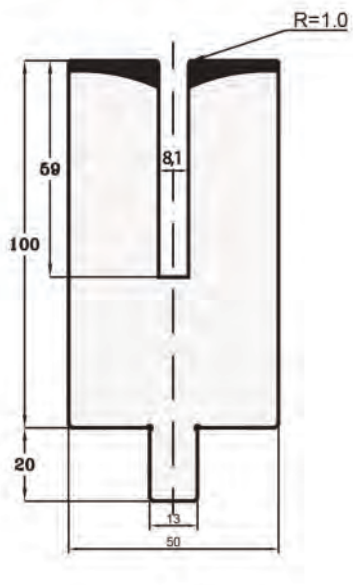
α24°|Max. Tn/mt 80

COD 12.510

α24°|Max. Tn/mt 80

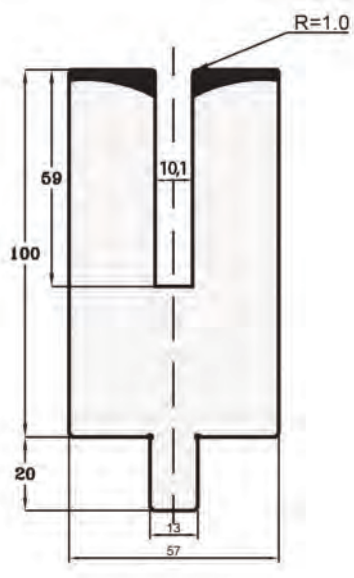
COD 31.570

Max. Tn/mt 50



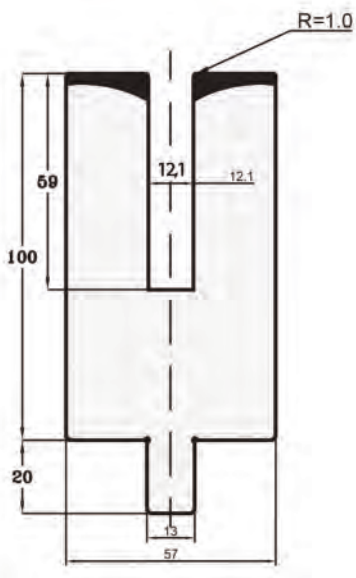
COD 31.740

Max. Tn/mt 50



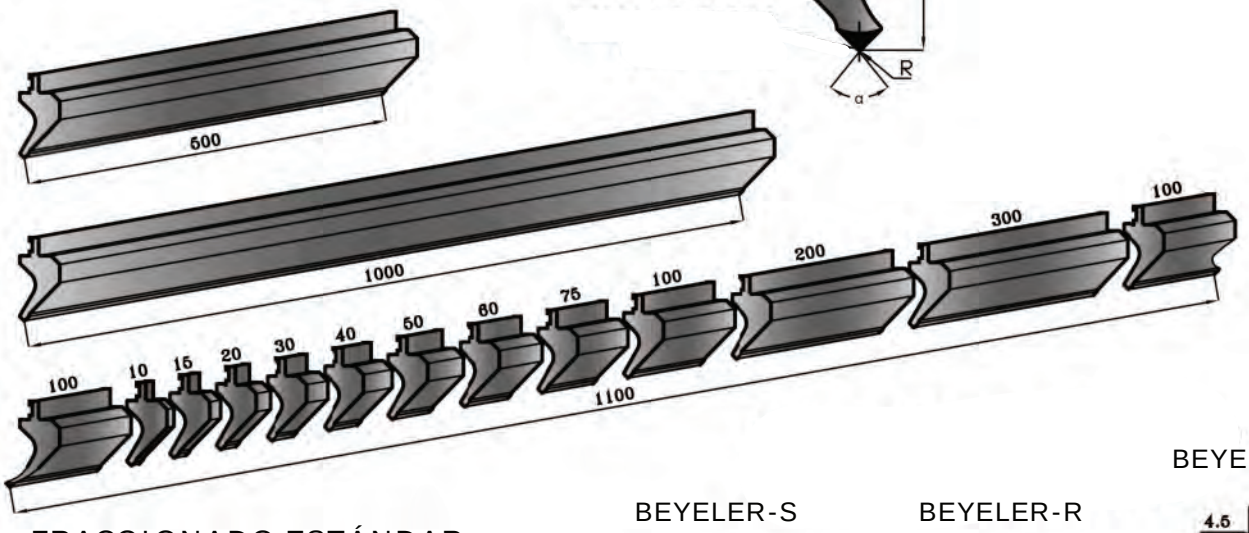
COD 31.750

Max. Tn/mt 50



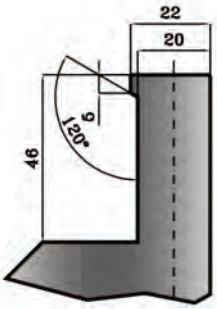
LOS PUNZONES ESTÁNDAR ESTAN DISPONIBLES EN LARGOS 500mm, 1000mm Y FRACCIONADO DE 1100mm
STANDARD PUNCHES ARE AVAILABLE LEGHTS IN 500mm, 1000mm AND 1100mm SEGMENTATION

LEYENDA / DESCRIPTION
H = ALTURA PUNZÓN / PUNCH HEIGHT
α = ÁNGULO PUNZÓN / PUNCH DEGREE
R = RADIO PUNZÓN / PUNCH RADIUS

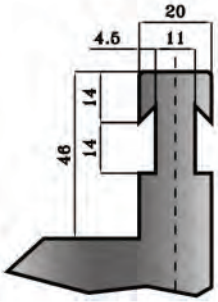


FRACCIONADO ESTÁNDAR
STANDARD SEGMENTATION

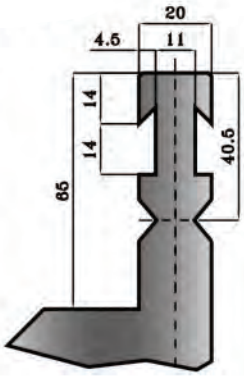
BEYELER-S



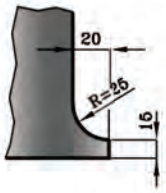
BEYELER-R



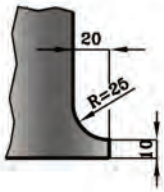
BEYELER-RFA



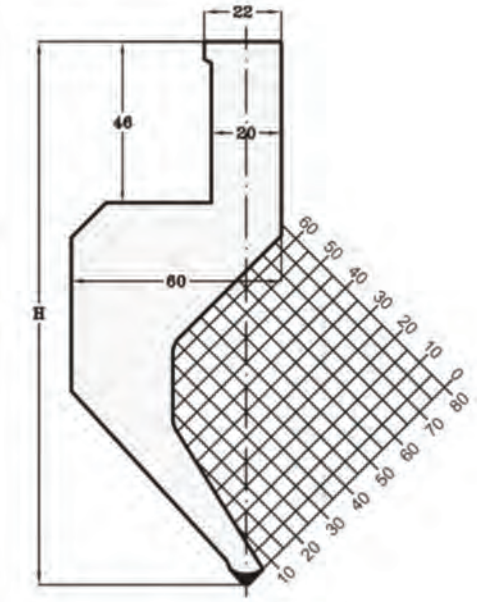
BIGORNIA ESTÁNDAR
STANDARD HORN



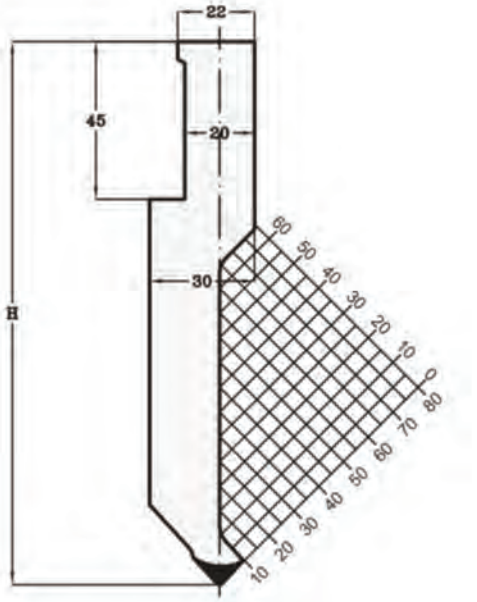
BIGORNIA FRACCIONADO ESTÁNDAR
STANDARD SEGMENTATION HORN



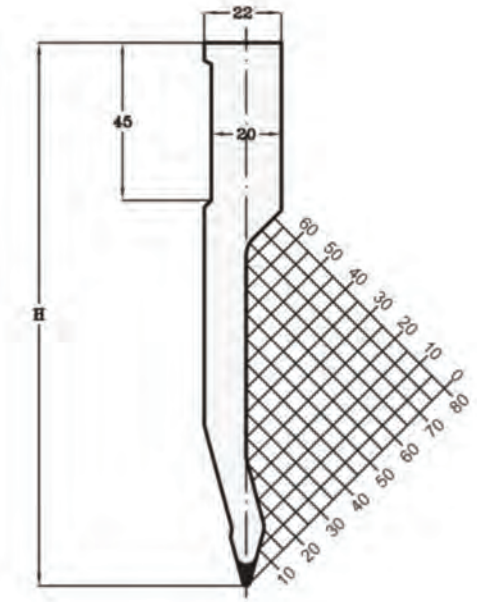
COD	α	R	H	MAX Tn/mt
12.100	85°	1.50	155.00	50
12.110	85°	0.80	155.00	50



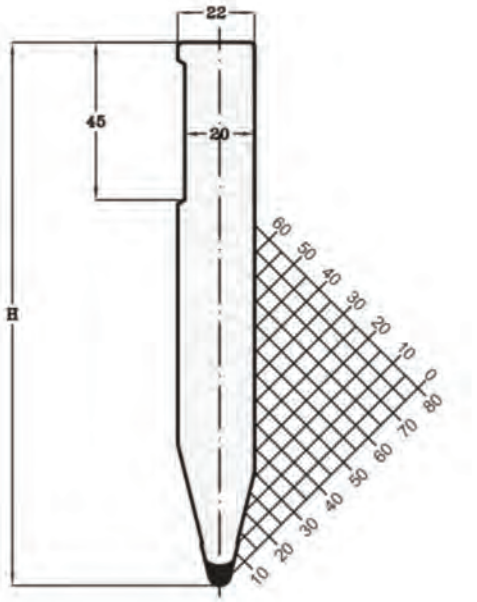
COD	α	R	H	MAX Tn/mt
12.120	85°	1.00	155.00	100



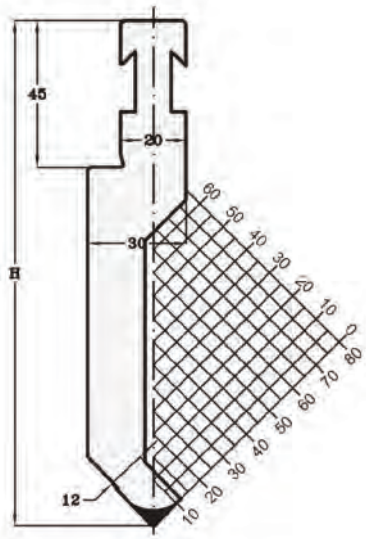
COD	α	R	H	MAX Tn/mt
12.130	30°	1.00	155.00	80
12.140	28°	1.00	155.00	80



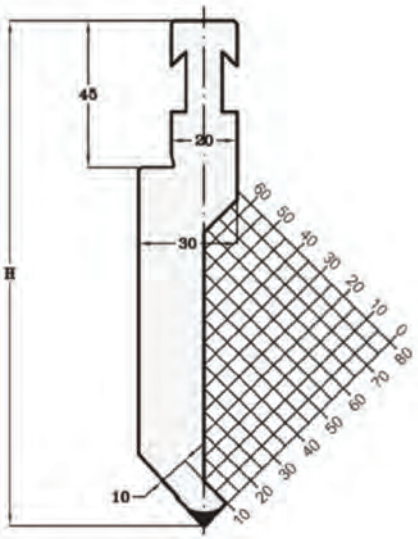
COD	α	R	H	MAX Tn/mt
12.150	28°	3.00	155.00	100



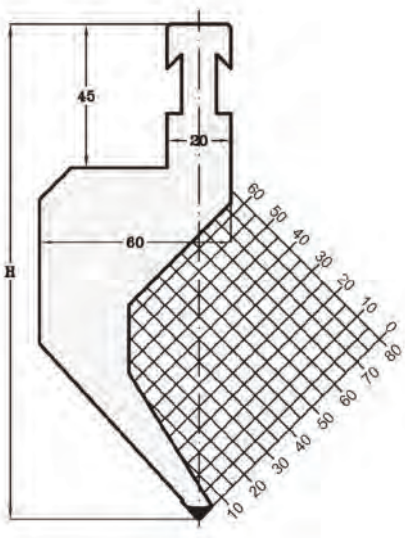
COD	α	R	H	MAX Tn/mt
12.182	88°	1.00	155.00	100



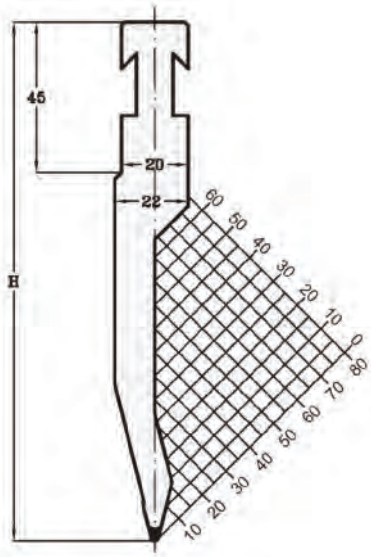
COD	α	R	H	MAX Tn/mt
12.180	88°	1.00	155.00	100
12.181	85°	1.00	155.00	100



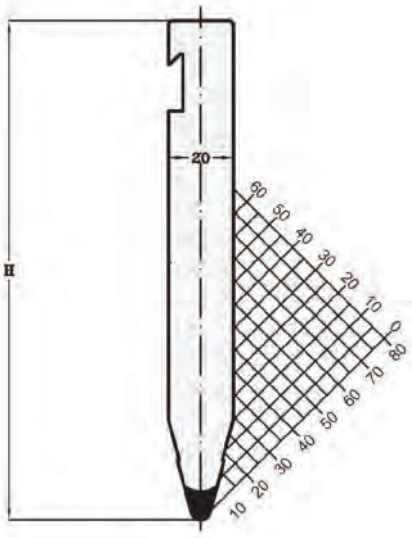
COD	α	R	H	MAX Tn/mt
12.160	85°	1.50	155.00	50
12.170	85°	0.80	155.00	50
12.230	88°	1.50	155.00	50



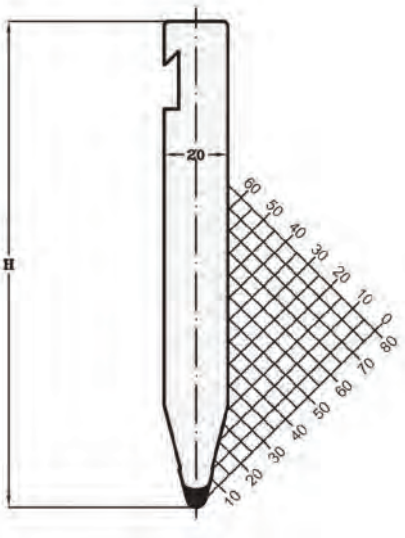
COD	α	R	H	MAX Tn/mt
12.200	30°	1.00	155.00	80
12.210	28°	1.00	155.00	80



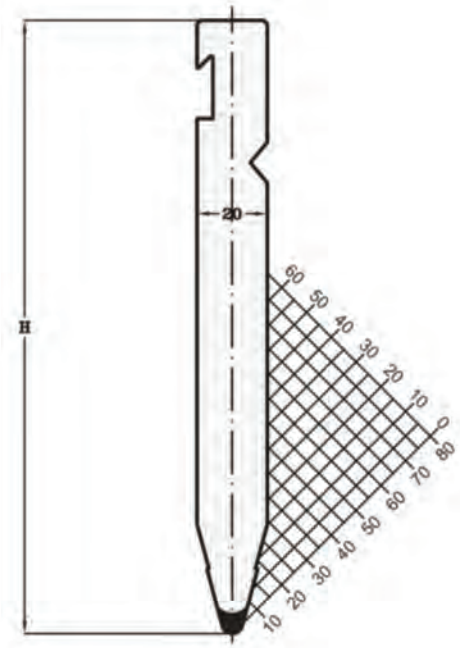
COD	α	R	H	MAX Tn/mt
12.250	30°	3.00	155.00	50
12.260	30°	1.00	155.00	50



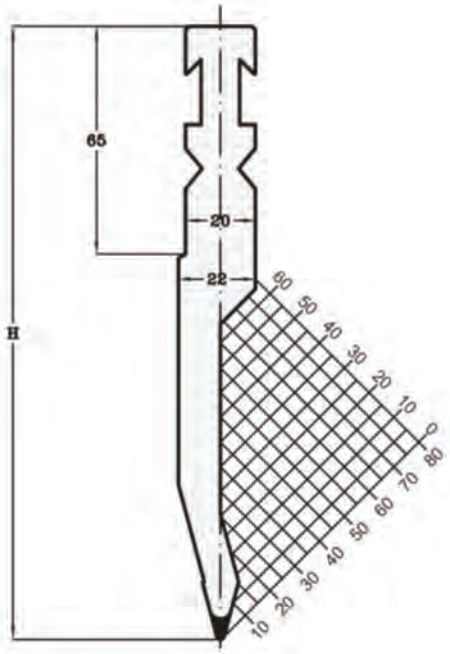
COD	α	R	H	MAX Tn/mt
12.251	28°	3.00	155.00	100
12.252	28°	1.00	155.00	100



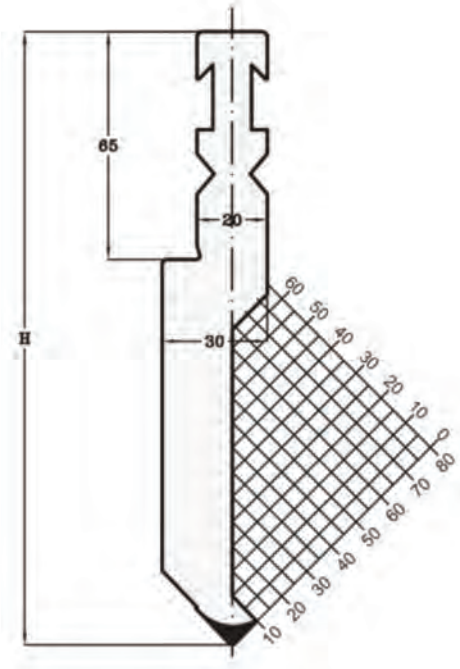
COD	α	R	H	MAX Tn/mt
12.320	30°	1.00	175.00	100
12.310	30°	3.00	175.00	100



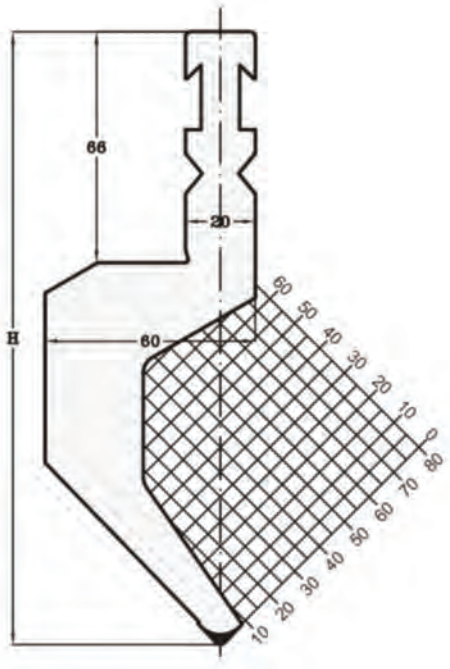
COD	α	R	H	MAX Tn/mt
12.300	30°	1.00	175.00	80



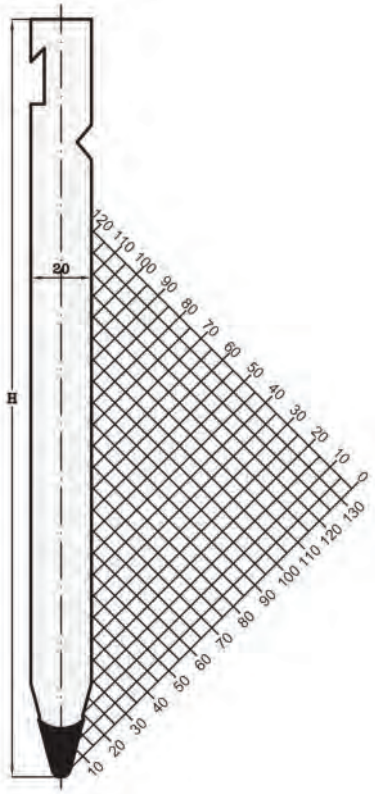
COD	α	R	H	MAX Tn/mt
12.290	88°	1.00	175.00	100
12.291	85°	1.00	175.00	100



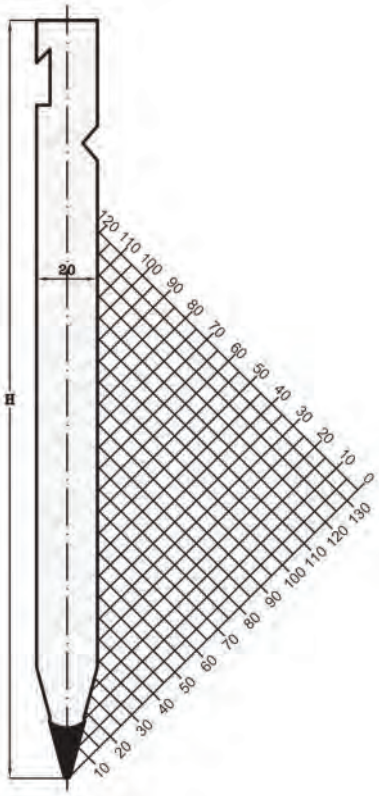
COD	α	R	H	MAX Tn/mt
12.270	88°	1.50	175.00	50
12.271	85°	1.00	175.00	50



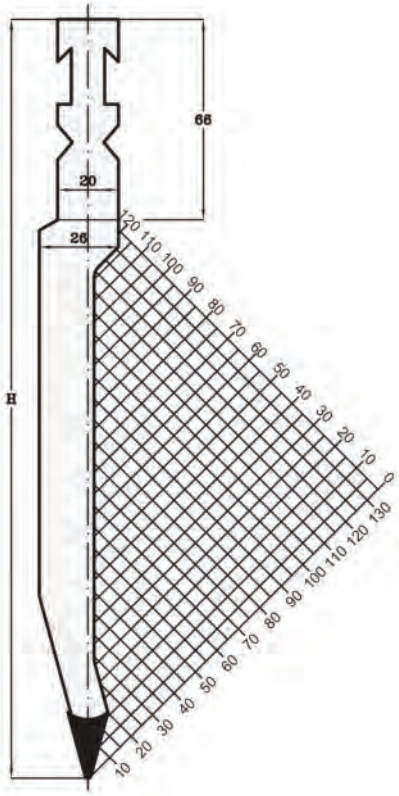
COD	α	R	H	MAX Tn/mt
12.991	30°	3.00	250.00	100



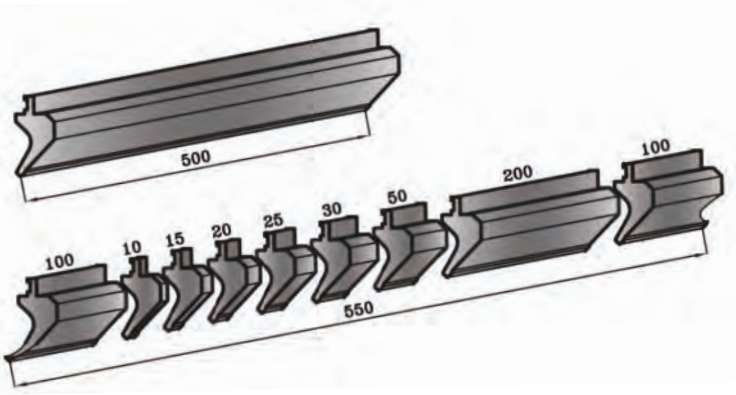
COD	α	R	H	MAX Tn/mt
12.992	30°	1.00	250.00	100

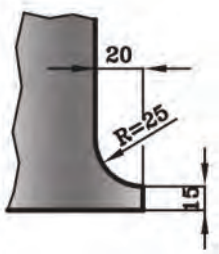


COD	α	R	H	MAX Tn/mt
12.993	30°	1.00	250.00	80
12.994	26°	1.00	250.00	80



FRACCIONADO ESTÁNDAR
STANDARD SEGMENTATION

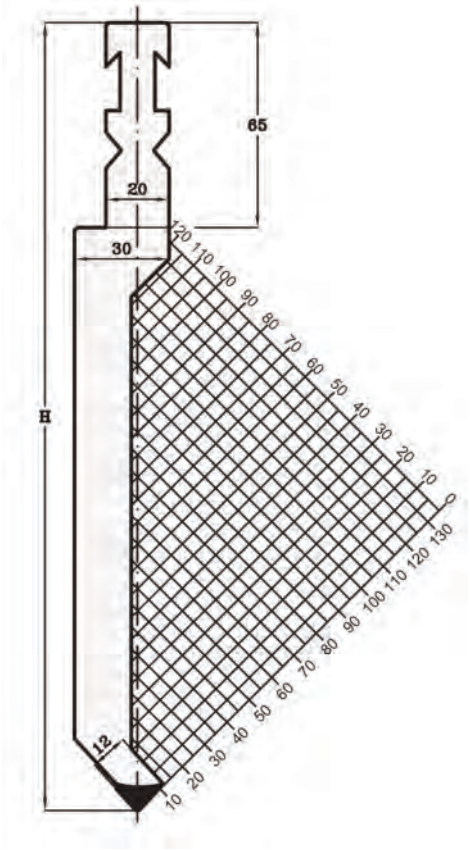




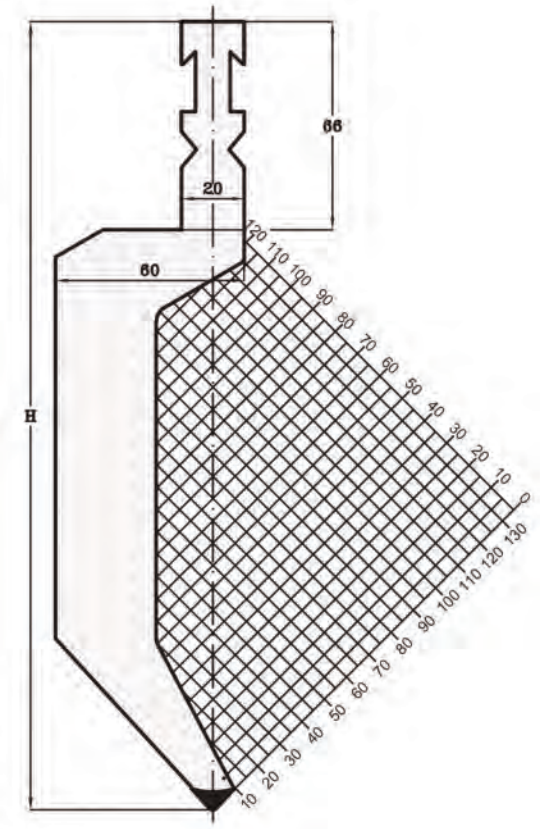
BIGORNIA FRACCIONADO ESTÁNDAR
STANDARD SEGMENTATION HORN

BEYELER-RFA ®

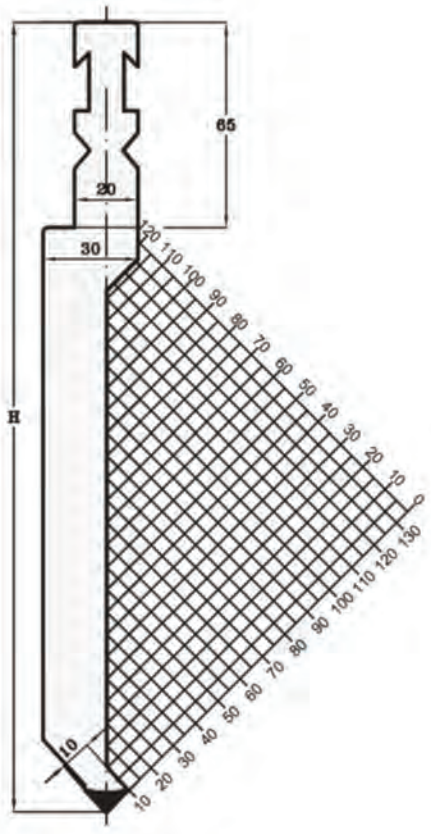
COD	α	R	H	MAX Tn/mt
12.995	85°	1.00	250.00	100



COD	α	R	H	MAX Tn/mt
12.997	85°	1.50	250.00	50



COD	α	R	H	MAX Tn/mt
12.996	85°	1.00	250.00	100

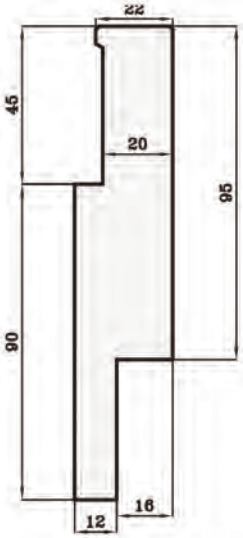


BEYELER-R

COD	MAX Tn/mt
10.441	100

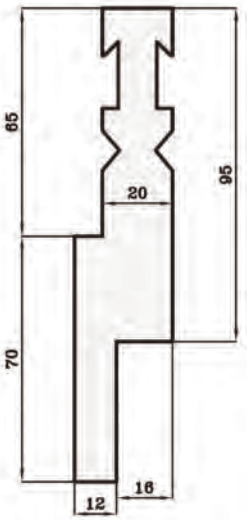
BEYELER-S

COD	MAX Tn/mt
10.442	100



BEYELER-RFA

COD	MAX Tn/mt
10.443	100



COD 13.500
α28°|R 0.50|H 100.00|Max. Tn/mt 100

COD 13.501
α28°|R 1.00|H 100.00|Max. Tn/mt 100

COD 13.502
α28°|R 2.00|H 100.00|Max. Tn/mt 100

COD 13.503
α28°|R 3.00|H 100.00|Max. Tn/mt 100

COD 13.504
α28°|R 4.00|H 100.00|Max. Tn/mt 100

COD 13.505
α28°|R 5.00|H 100.00|Max. Tn/mt 100

COD 13.506
α28°|R 6.00|H 100.00|Max. Tn/mt 100

COD 13.520
α84°|R 1.00|H 100.00|Max. Tn/mt 100

COD 13.530
α86°|R 1.00|H 100.00|Max. Tn/mt 100

COD 13.550
α90°|R 0.50|H 100.00|Max. Tn/mt 100

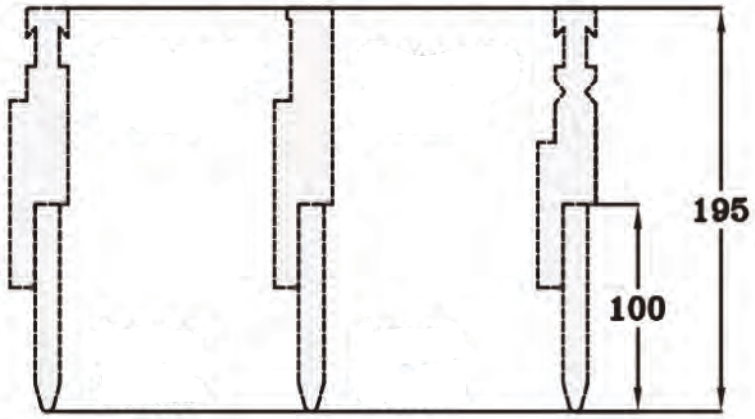
COD 13.551
α90°|R 1.00|H 100.00|Max. Tn/mt 100

COD 13.552
α90°|R 1.50|H 100.00|Max. Tn/mt 100

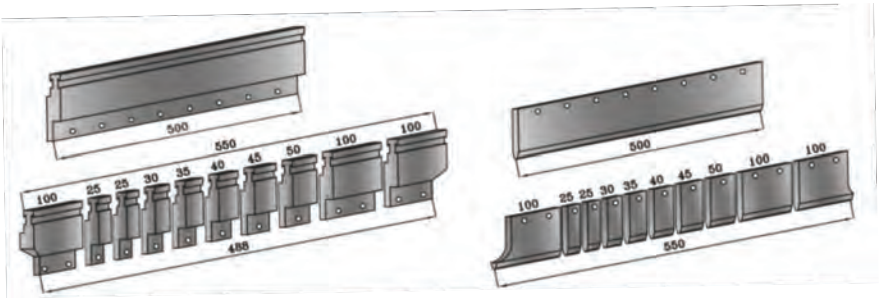
COD 13.553
α90°|R 2.00|H 100.00|Max. Tn/mt 100

SOPORTE
HOLDER

CUCHILLA
BLADE

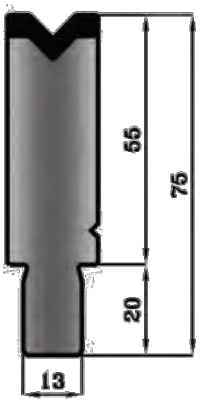


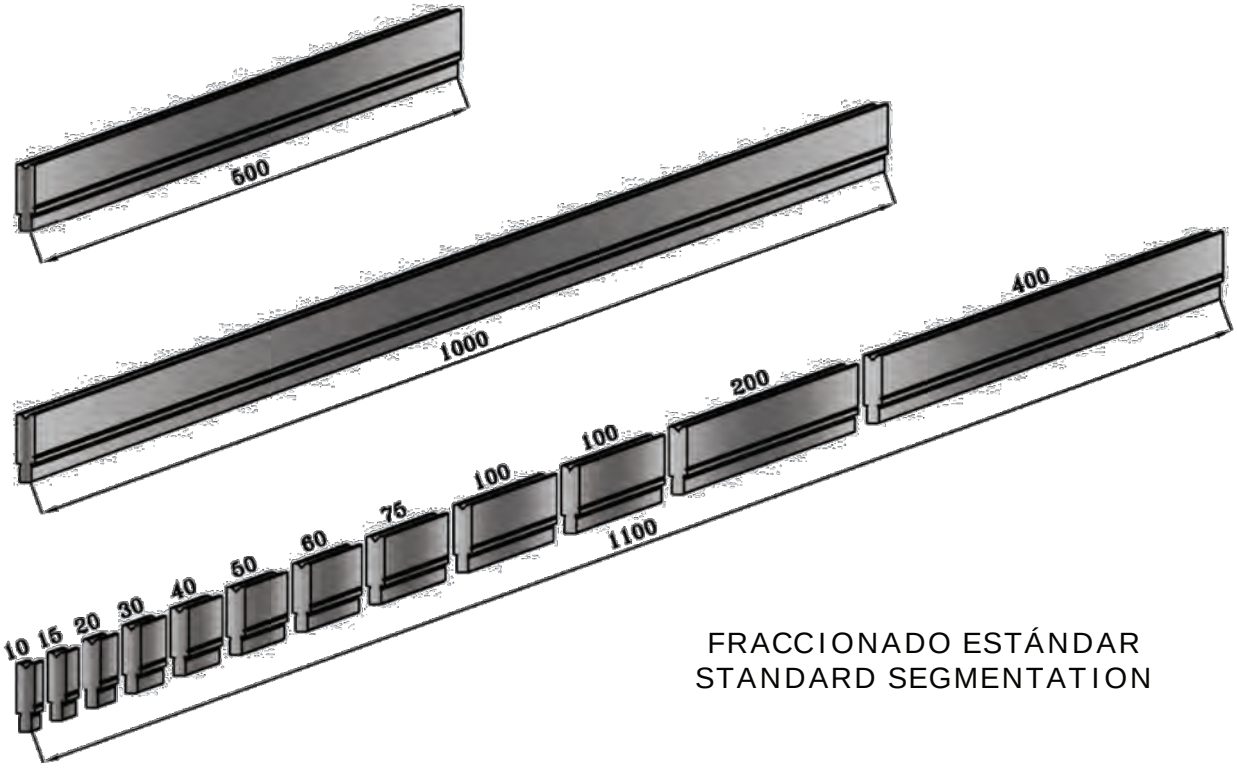
FRACCIONADO ESTÁNDAR
STANDARD SEGMENTATION



BEYELER®

LOS PUNZONES ESTÁNDAR ESTAN DISPONIBLES EN LARGOS 500mm, 1000mm Y FRACCIONADO DE 1100mm
STANDARD PUNCHES ARE AVAILABLE LEGHTS IN 500mm, 1000mm AND 1100mm SEGMENTATION

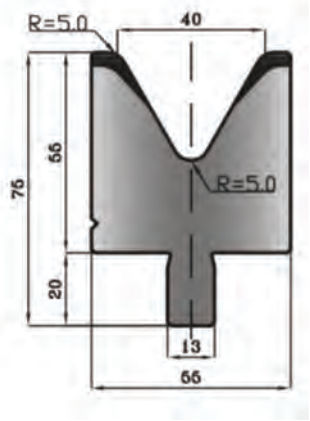




FRACCIONADO ESTÁNDAR
STANDARD SEGMENTATION

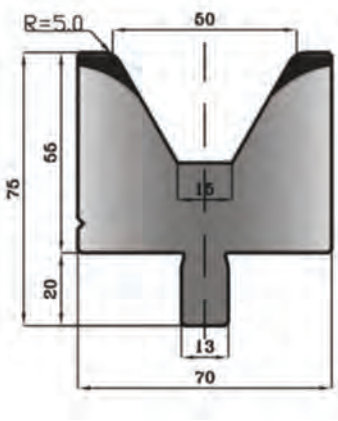
COD 31.130

α60°|Max. Tn/mt 100



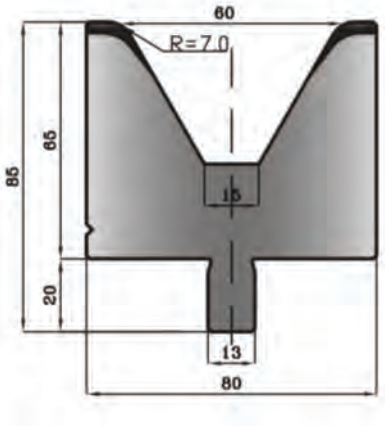
COD 31.790

α60°|Max. Tn/mt 100



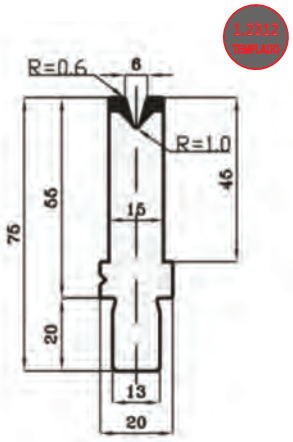
COD 31.140

α60°|Max. Tn/mt 100



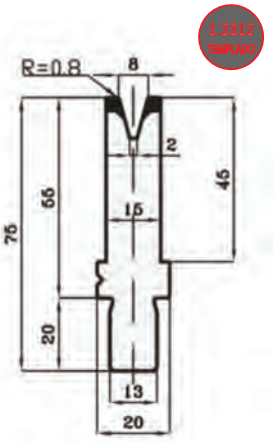
COD 31.150

α30°|Max. Tn/mt 35



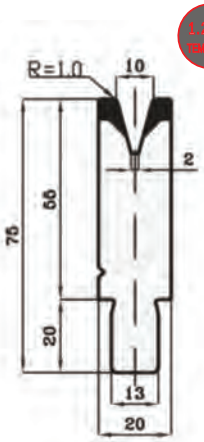
COD 31.160

α30°|Max. Tn/mt 35



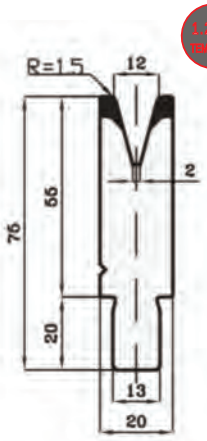
COD 31.170

α30°|Max. Tn/mt 50



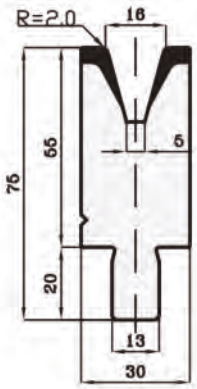
COD 31.180

α30°|Max. Tn/mt 40



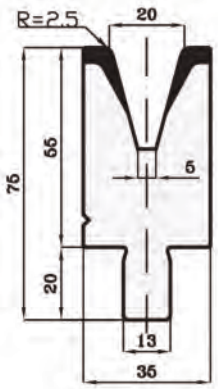
COD 31.190

α30°|Max. Tn/mt 45



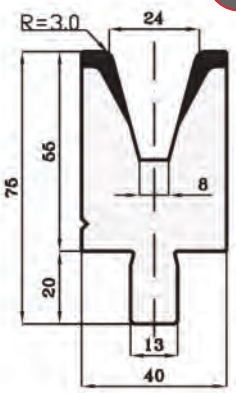
COD 31.200

α30°|Max. Tn/mt 50



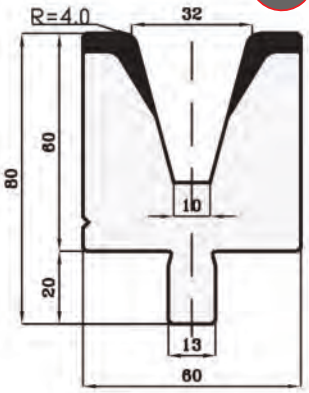
COD 31.210

α30°|Max. Tn/mt 50



COD 31.220

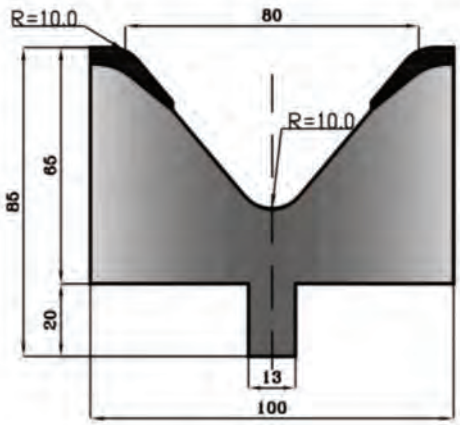
α30°|Max. Tn/mt 50



BEYELER-SAFAN®

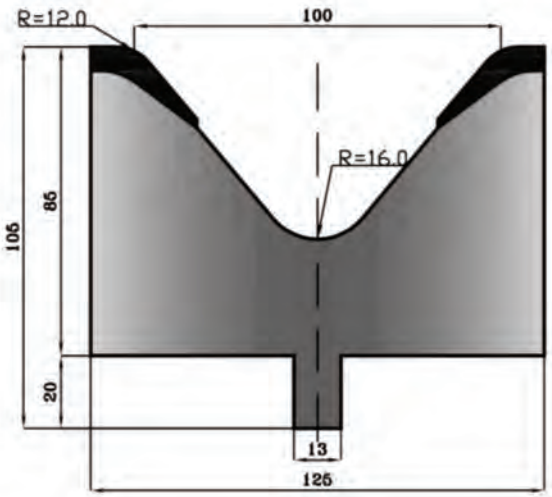
COD 31.101

α80°|Max. Tn/mt 100



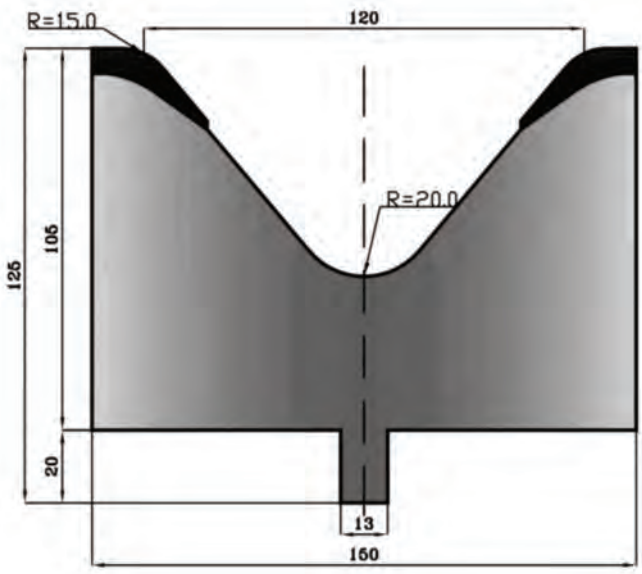
COD 31.102

α80°|Max. Tn/mt 100

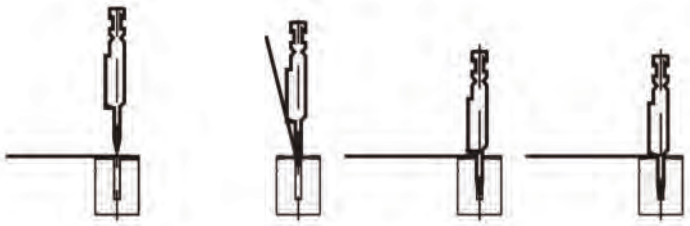


COD 31.103

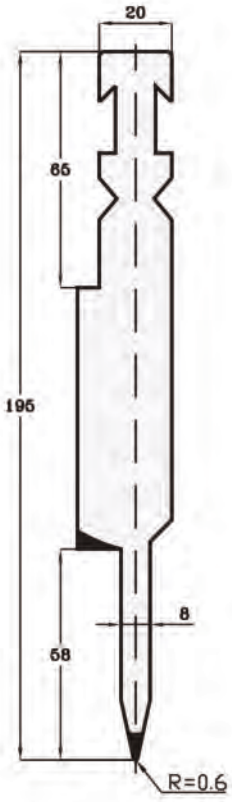
α80°|Max. Tn/mt 100



L=500
L=550 S

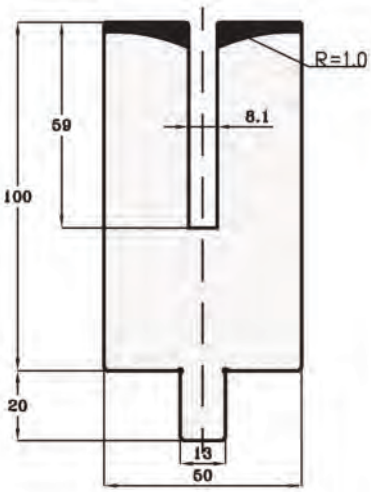


COD	α	R	H	MAX Tn/mt
12.520	24°	0.60	195.00	80

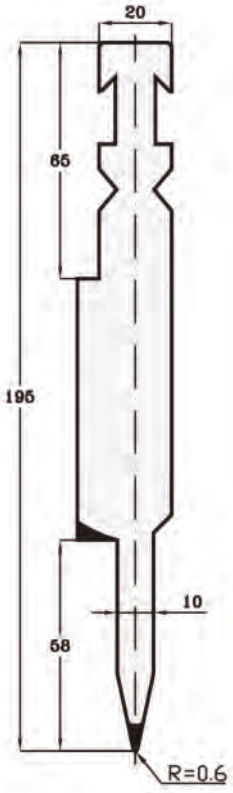


COD 31.570

Max. Tn/mt 50

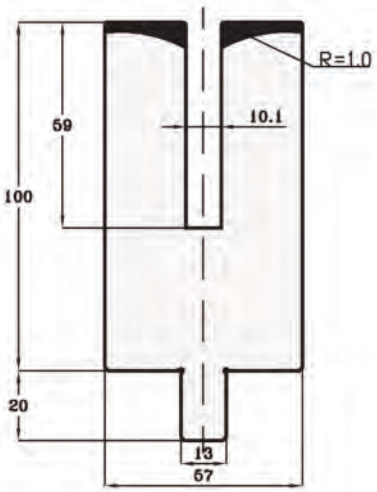


COD	α	R	H	MAX Tn/mt
12.530	24°	0.60	195.00	80

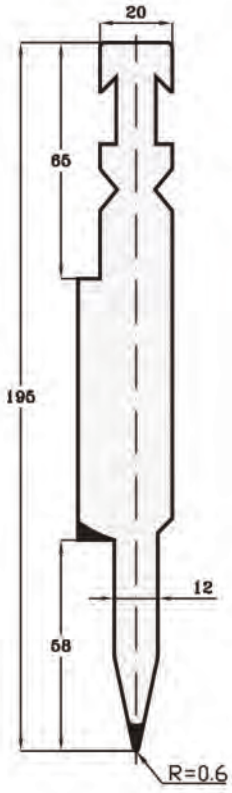


COD 31.740

Max. Tn/mt 50

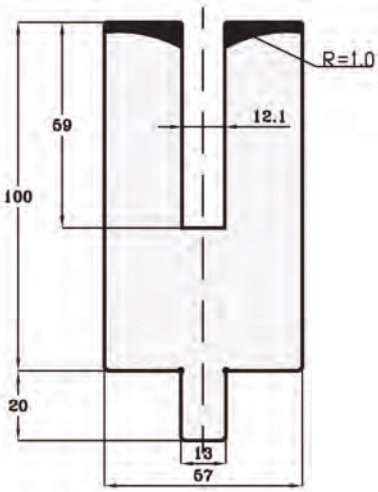


COD	α	R	H	MAX Tn/mt
12.540	24°	0.60	195.00	80



COD 31.750

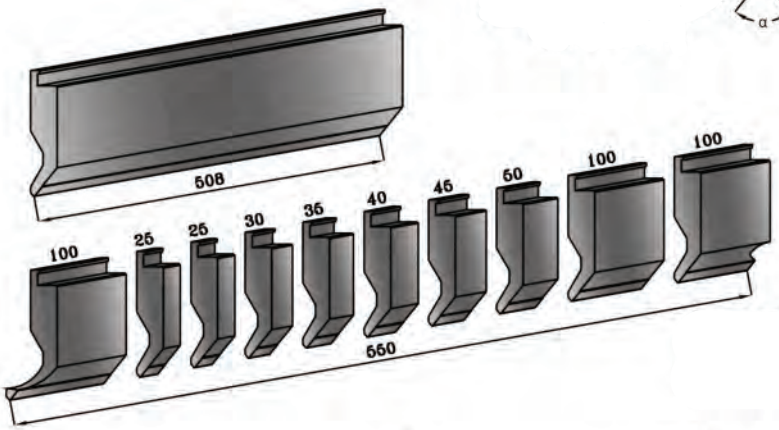
Max. Tn/mt 50



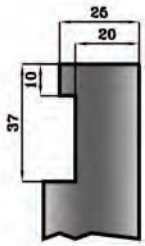
BEYELER-RFA®

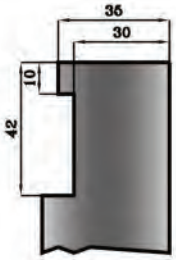
LOS PUNZONES ESTÁNDAR ESTAN DISPONIBLES EN LARGOS 500mm Y FRACCIONADO DE 550mm
STANDARD PUNCHES ARE AVAILABLE LEGHTS IN 500mm AND 550mm SEGMENTATION

LEYENDA / DESCRIPTION
H = ALTURA PUNZÓN / PUNCH HEIGHT
α = ÁNGULO PUNZÓN / PUNCH DEGREE
R = RADIO PUNZÓN / PUNCH RADIUS

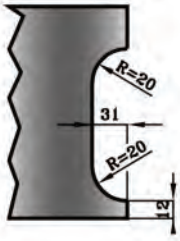


FRACCIONADO ESTÁNDAR
STANDARD SEGMENTATION

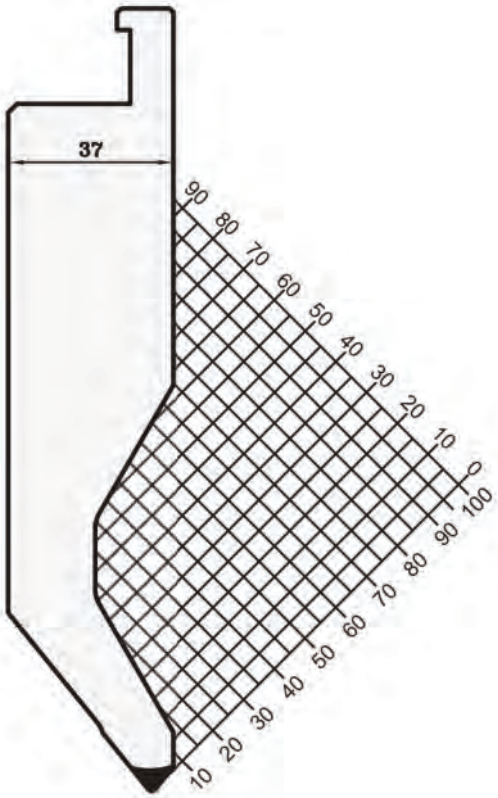




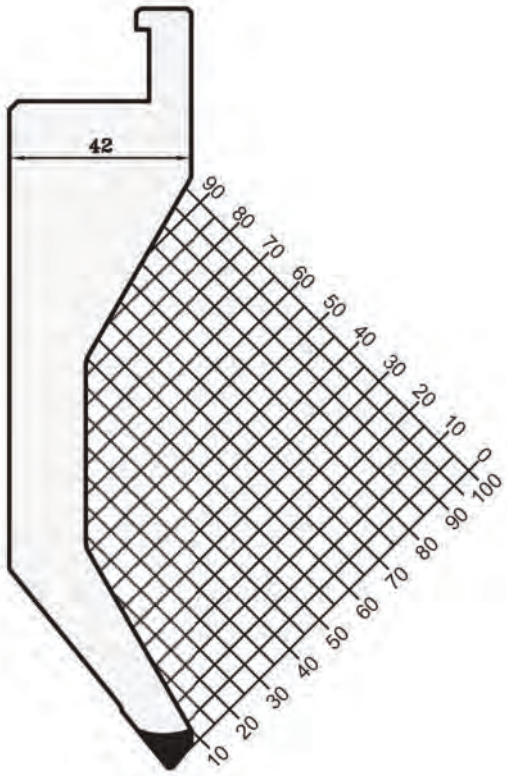
BIGORNIA FRACCIONADO ESTÁNDAR
STANDARD HORN



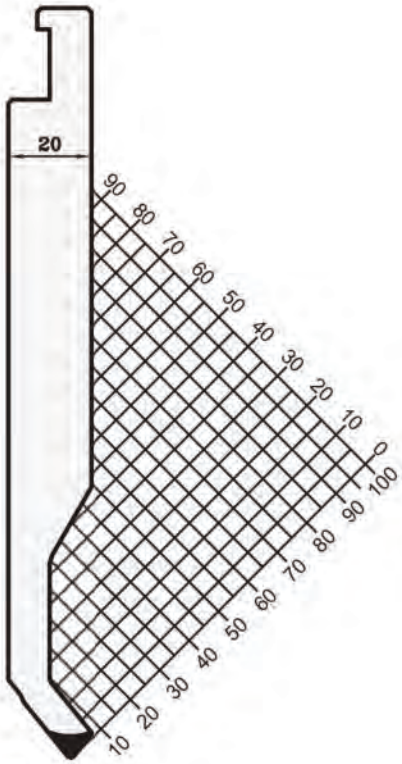
COD	α	R	H	MAX Tn/mt
14.100	78°	1.00	180.00	70



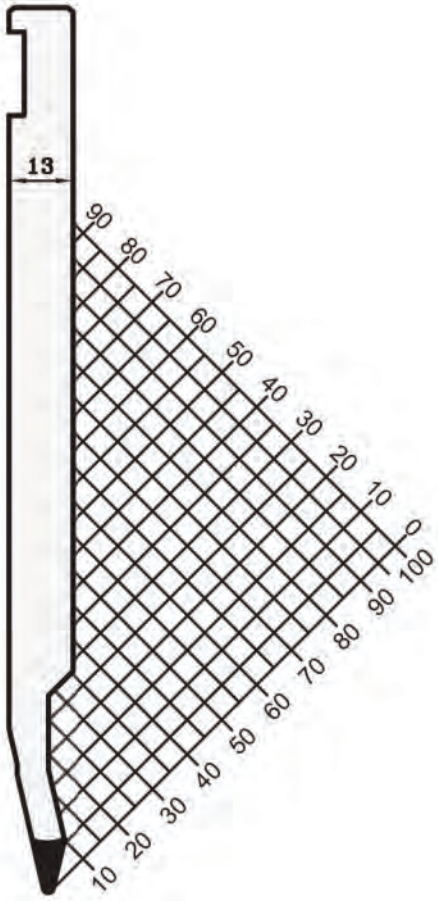
COD	α	R	H	MAX Tn/mt
14.101	78°	1.00	180.00	45



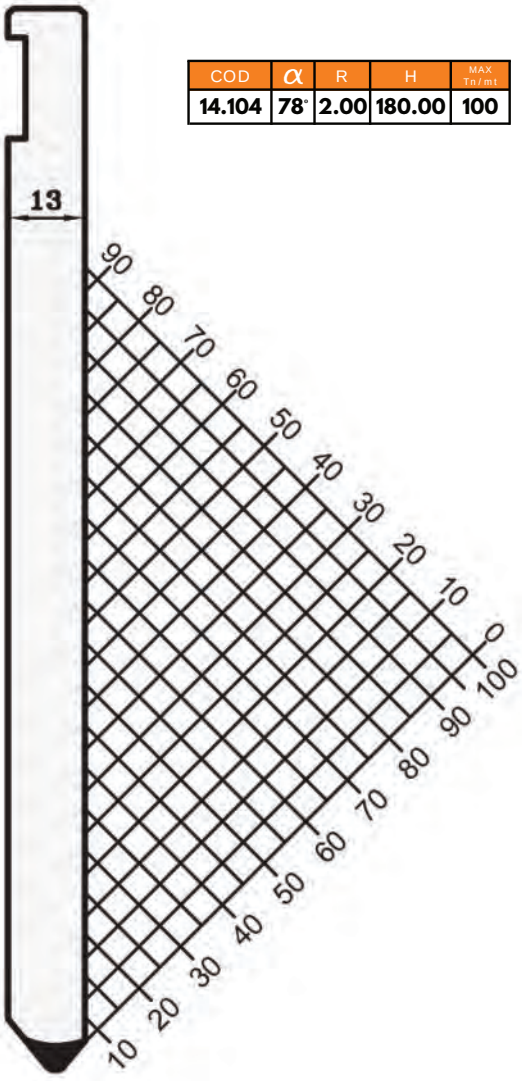
COD	α	R	H	MAX Tn/mt
14.102	78°	1.00	180.00	40



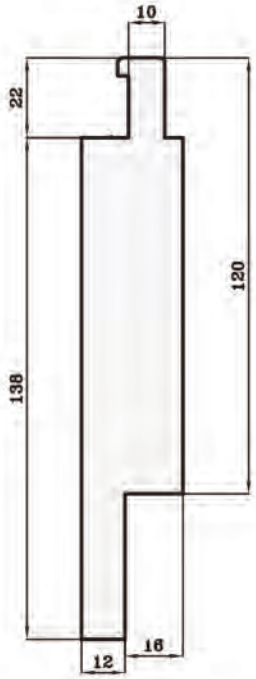
COD	α	R	H	MAX Tn/mt
14.103	26°	1.00	180.00	50

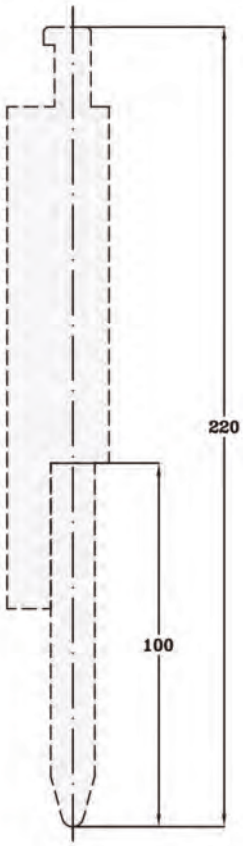


COD	α	R	H	MAX Tn/mt
14.104	78°	2.00	180.00	100



COD	MAX Tn/mt
14.105	100





COD 13.500
α28°|R 0.50|H 100.00|Max. Tn / mt 100

COD 13.501
α28°|R 1.00|H 100.00|Max. Tn / mt 100

COD 13.502
α28°|R 2.00|H 100.00|Max. Tn / mt 100

COD 13.503
α28°|R 3.00|H 100.00|Max. Tn / mt 100

COD 13.504
α28°|R 4.00|H 100.00|Max. Tn / mt 100

COD 13.505
α28°|R 5.00|H 100.00|Max. Tn / mt 100

COD 13.506
α28°|R 6.00|H 100.00|Max. Tn / mt 100

COD 13.520
α84°|R 1.00|H 100.00|Max. Tn / mt 100

COD 13.530
α86°|R 1.00|H 100.00|Max. Tn / mt 100

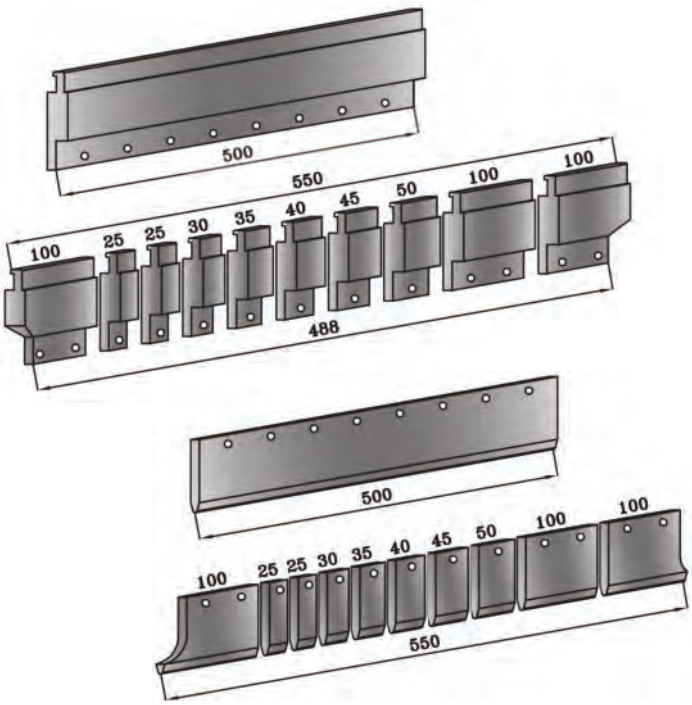
COD 13.550
α90°|R 0.50|H 100.00|Max. Tn / mt 100

COD 13.551
α90°|R 1.00|H 100.00|Max. Tn / mt 100

COD 13.552
α90°|R 1.50|H 100.00|Max. Tn / mt 100

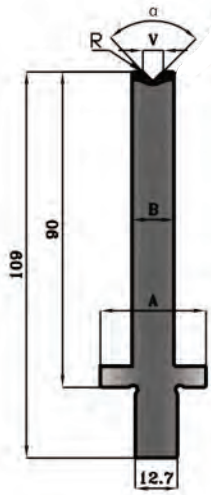
COD 13.553
α90°|R 2.00|H 100.00|Max. Tn / mt 100

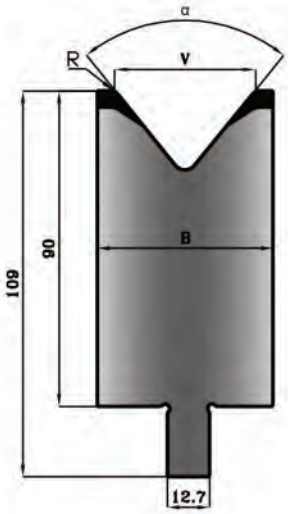
FRACCIONADO ESTÁNDAR
STANDARD SEGMENTATION

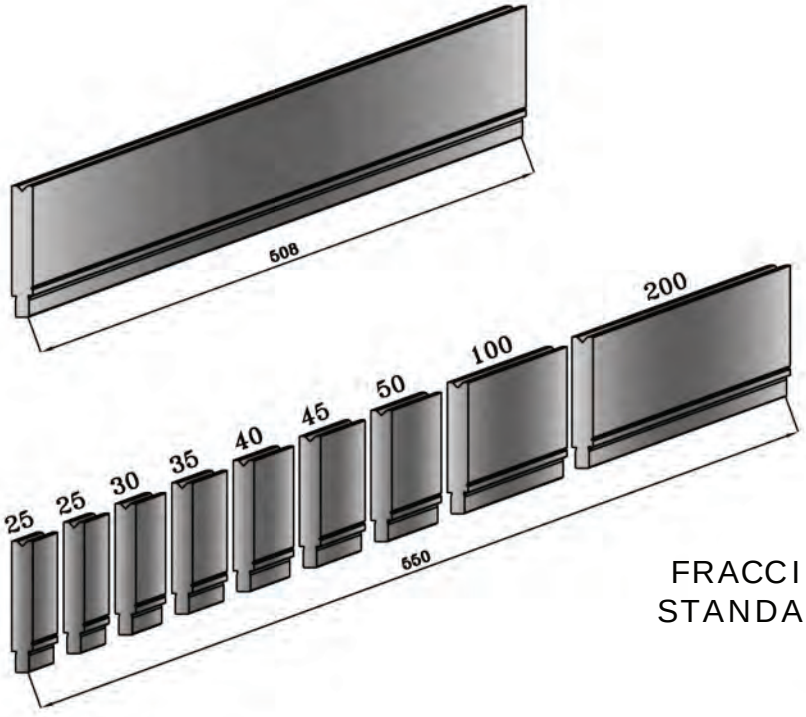


LVD®

LAS MATRICES ESTÁNDAR ESTÁN DISPONIBLES EN LARGO: 508mm Y FRACCIONADO DE 550mm
STANDARD DIES ARE AVAILABLE IN LENGTHS: 508mm AND 550mm SEGMENTED



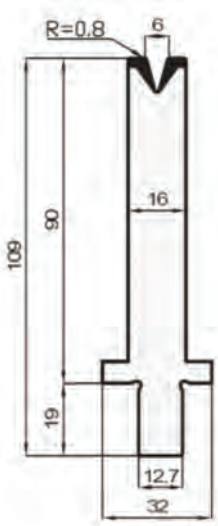




FRACCIONADO ESTÁNDAR
STANDARD SEGMENTATION

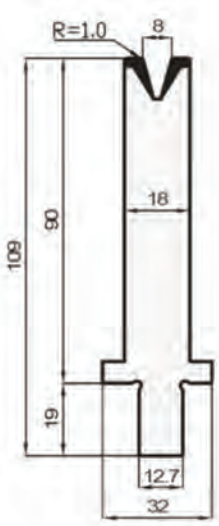
COD 32.100

α30°|Max. Tn/mt 20



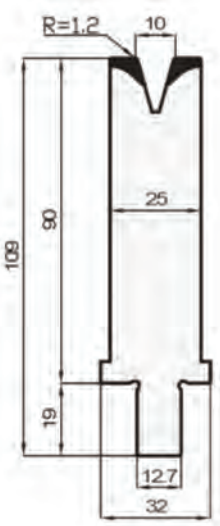
COD 32.101

α30°|Max. Tn/mt 22



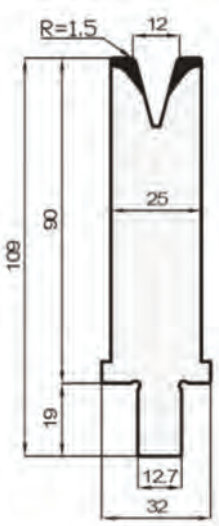
COD 32.102

α30°|Max. Tn/mt 30



COD 32.103

α30°|Max. Tn/mt 38



COD 32.124

α30°|Max. Tn/mt 20

COD 32.125

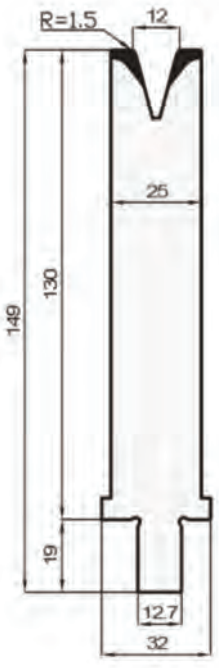
α30°|Max. Tn/mt 22

COD 32.126

α30°|Max. Tn/mt 30

COD 32.127

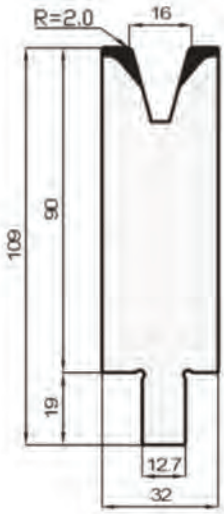
α30°|Max. Tn/mt 38



LVD®

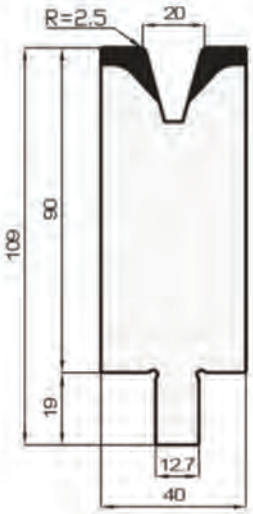
COD 32.108

α30°|Max. Tn/mt 38



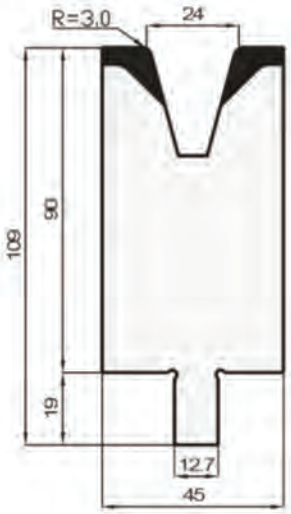
COD 32.109

α30°|Max. Tn/mt 38



COD 32.110

α30°|Max. Tn/mt 55



COD 32.128

α30°|Max. Tn/mt 38

COD 32.129

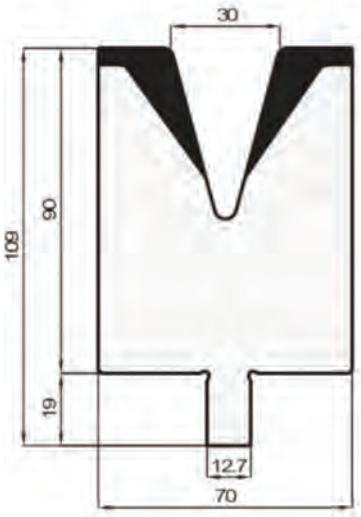
α30°|Max. Tn/mt 38

COD 32.130

α30°|Max. Tn/mt 55

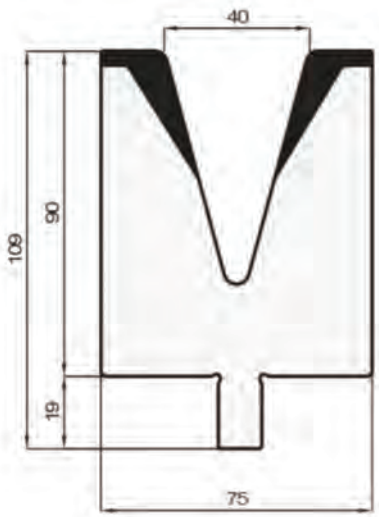
COD 32.131

α30°|Max. Tn/mt 60



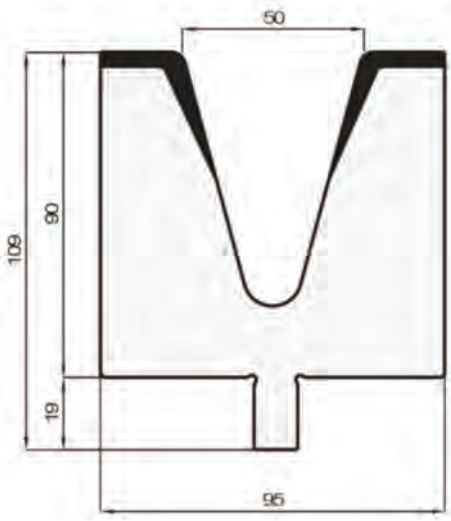
COD 32.132

α30°|Max. Tn/mt 60



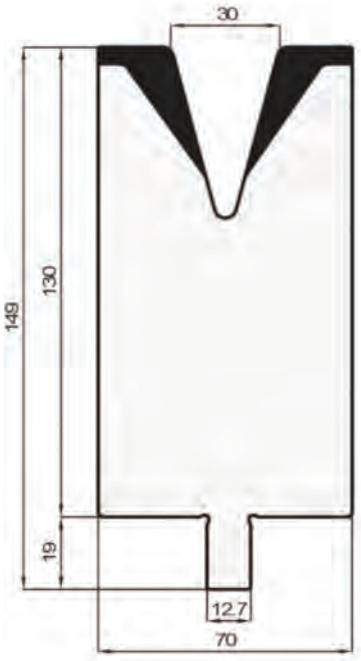
COD 32.133

α30°|Max. Tn/mt 78



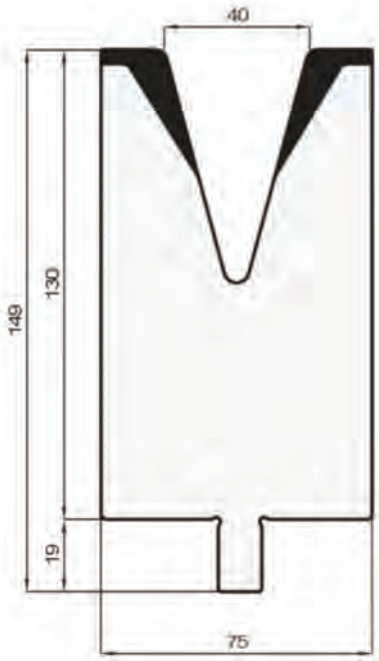
COD 32.134

α30°|Max. Tn/mt 60



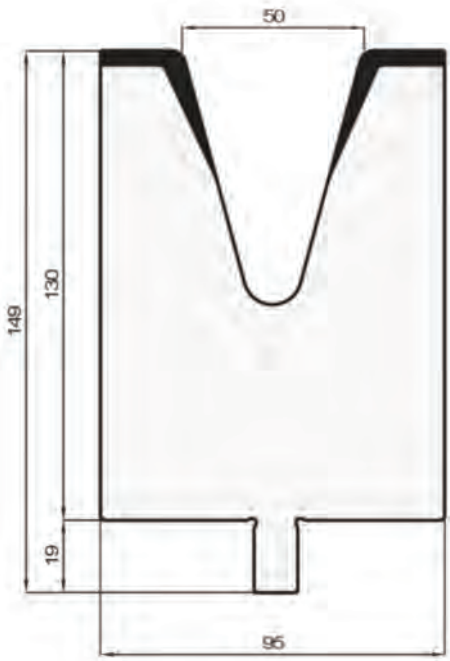
COD 32.135

α30°|Max. Tn/mt 60



COD 32.136

α30°|Max. Tn/mt 78



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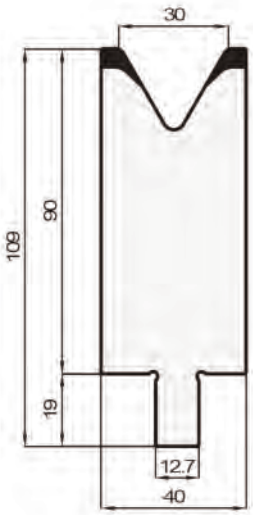
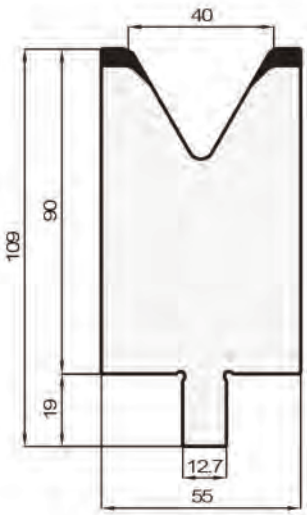
COD 32.137

α60°|Max. Tn/mt 50



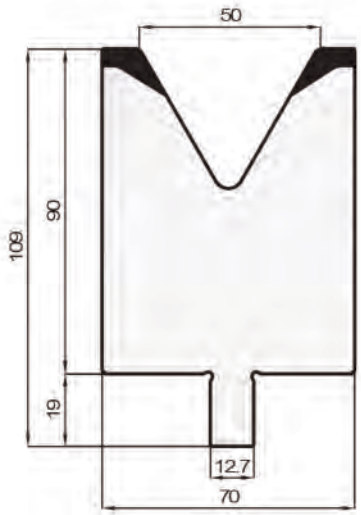
COD 32.138

α60°|Max. Tn/mt 66



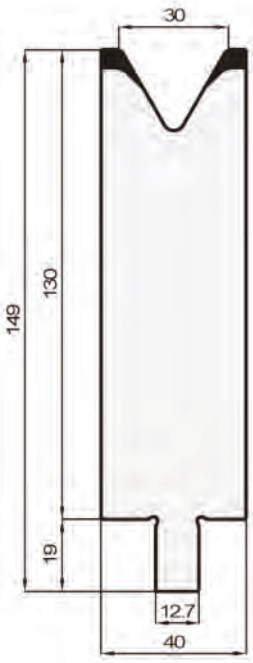
COD 32.139

α60°|Max. Tn/mt 105



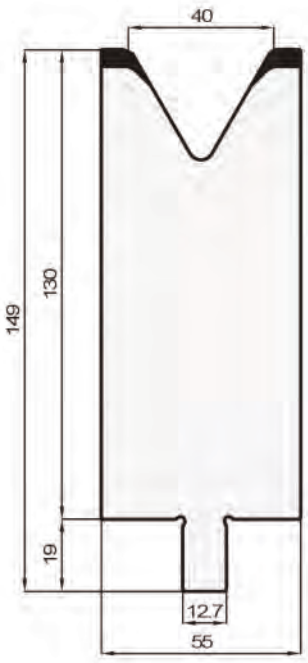
COD 32.140

α60°|Max. Tn/mt 50



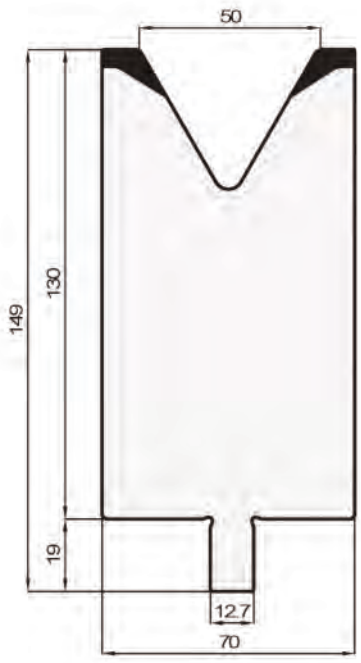
COD 32.141

α60°|Max. Tn/mt 66



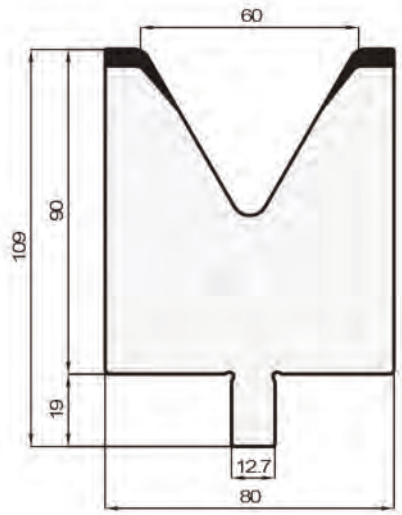
COD 32.142

α60°|Max. Tn/mt 105



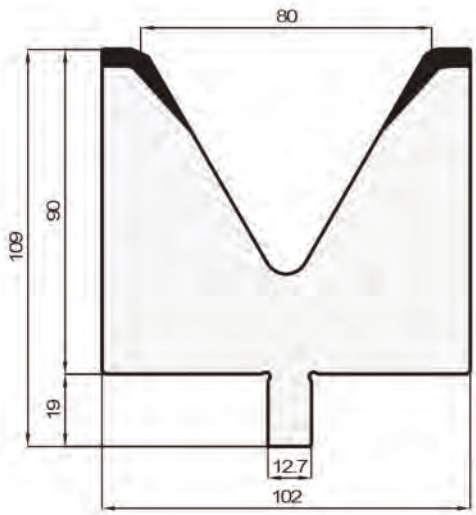
COD 32.143

α60°|Max. Tn/mt 135



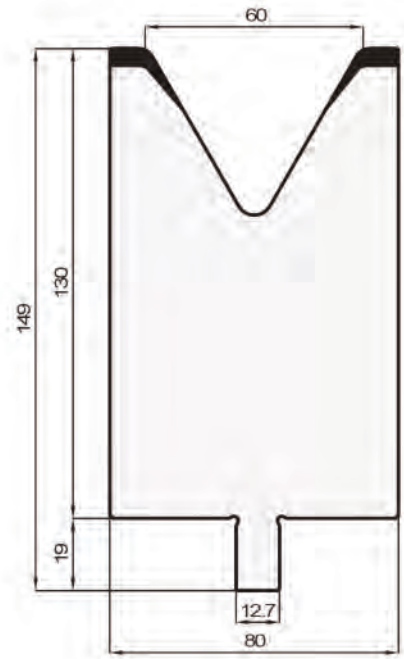
COD 32.144

α60°|Max. Tn/mt 175



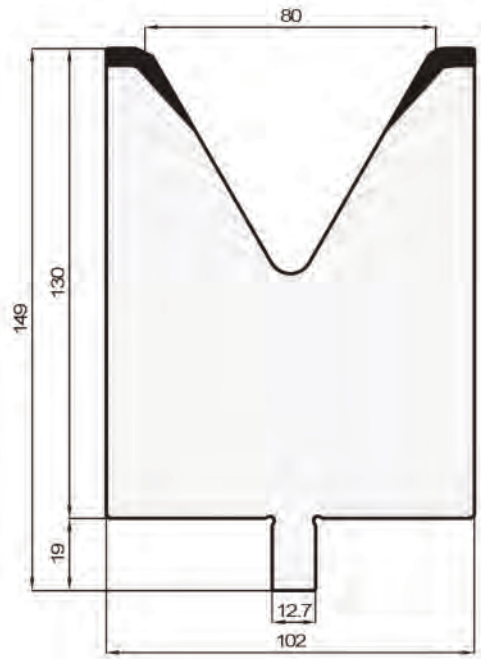
COD 32.145

α60°|Max. Tn/mt 135



COD 32.146

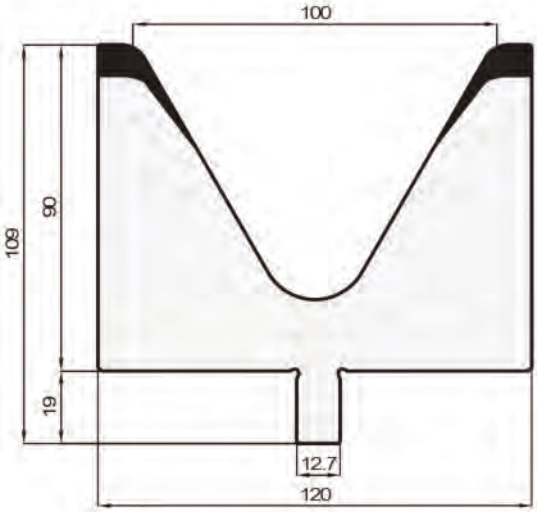
α60°|Max. Tn/mt 175



LVD®

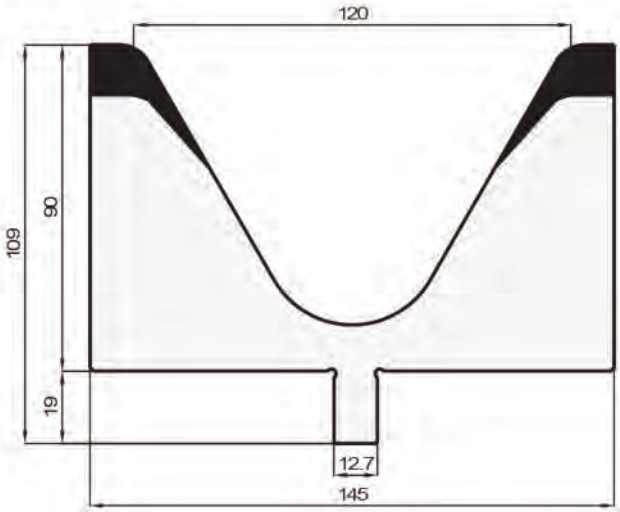
COD 32.147

α60°|Max. Tn/mt 150



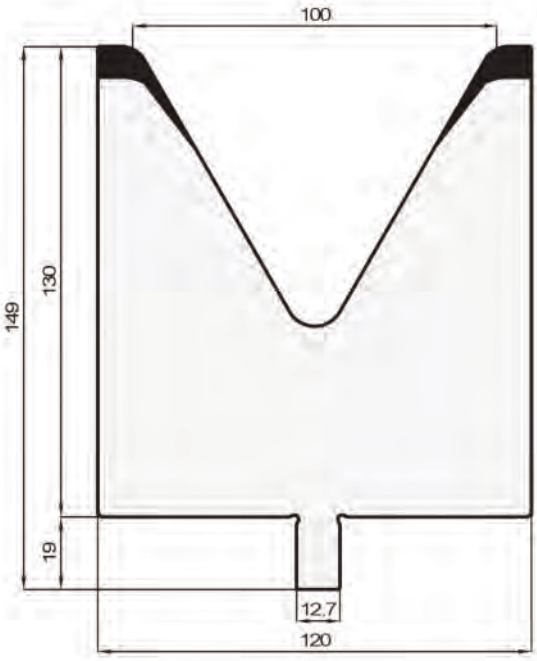
COD 32.148

α60°|Max. Tn/mt 130



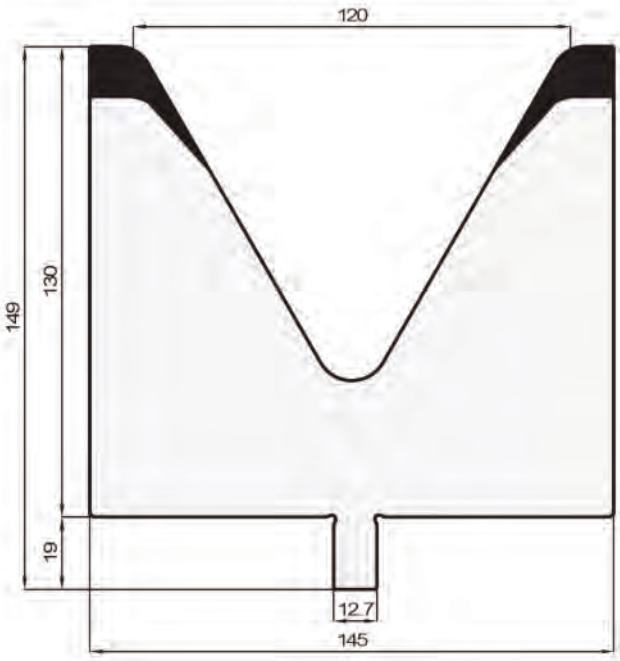
COD 32.149

α60°|Max. Tn/mt 150



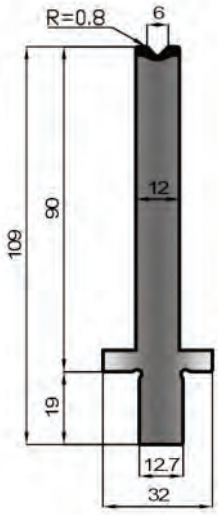
COD 32.150

α60°|Max. Tn/mt 130



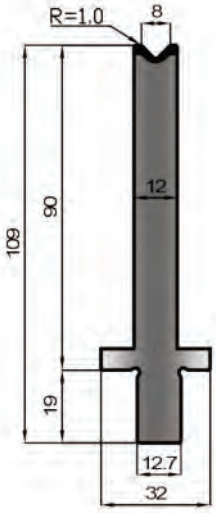
COD 32.104

α78°|Max. Tn/mt 40



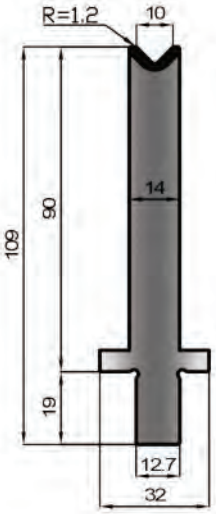
COD 32.105

α78°|Max. Tn/mt 40



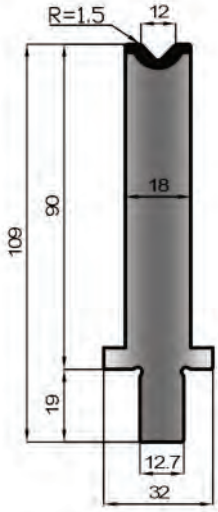
COD 32.106

α78°|Max. Tn/mt 50



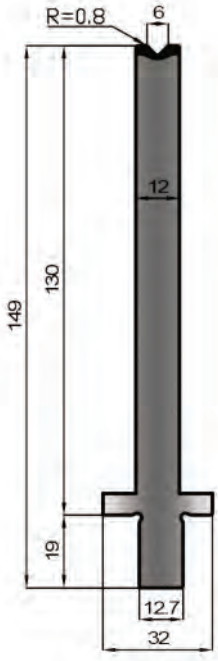
COD 32.107

α78°|Max. Tn/mt 60



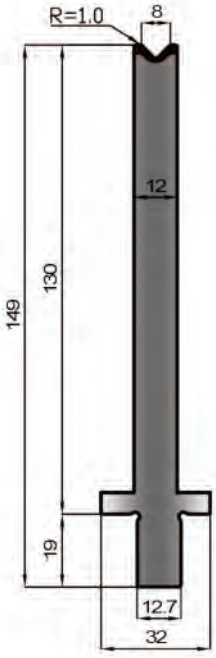
COD 32.151

α78°|Max. Tn/mt 40



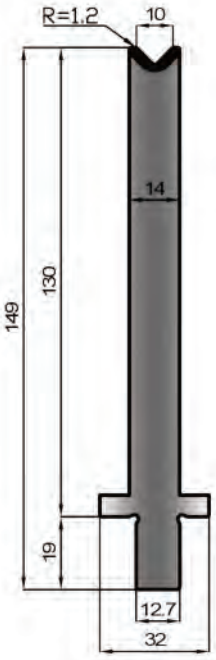
COD 32.152

α78°|Max. Tn/mt 40



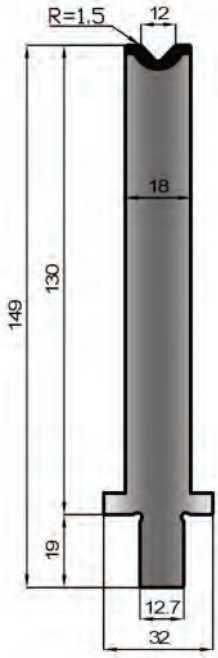
COD 32.153

α78°|Max. Tn/mt 50



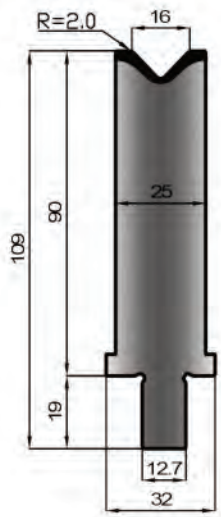
COD 32.154

α78°|Max. Tn/mt 60



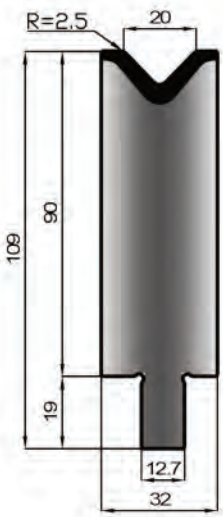
COD 32.111

α78°|Max. Tn/mt 80



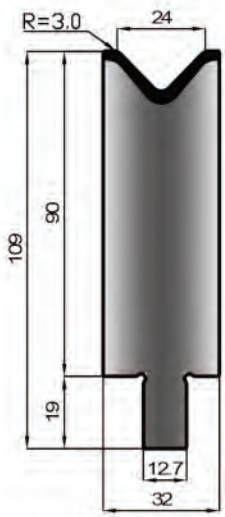
COD 32.112

α78°|Max. Tn/mt 100



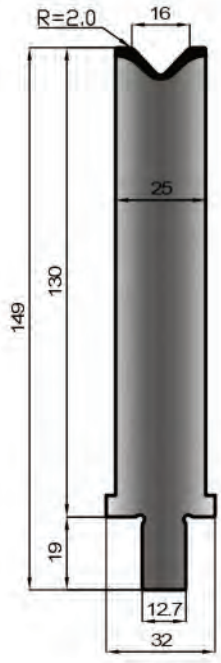
COD 32.113

α78°|Max. Tn/mt 100



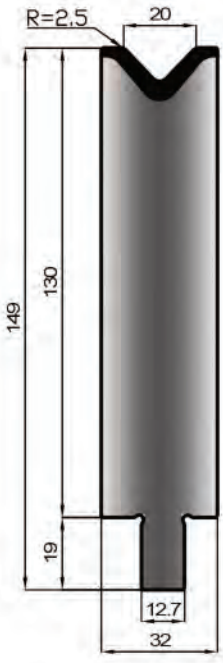
COD 32.155

α78°|Max. Tn/mt 80



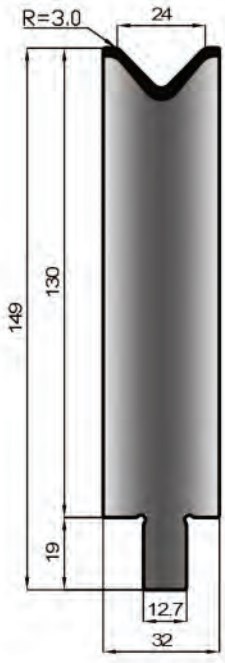
COD 32.156

α78°|Max. Tn/mt 100



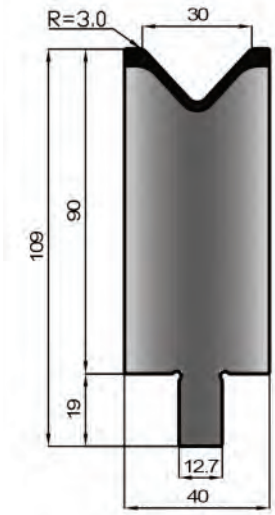
COD 32.157

α78°|Max. Tn/mt 100



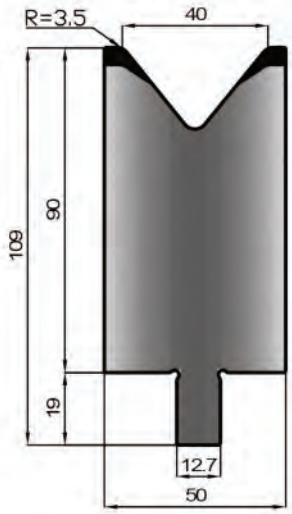
COD 32.114

α78°|Max. Tn/mt 110



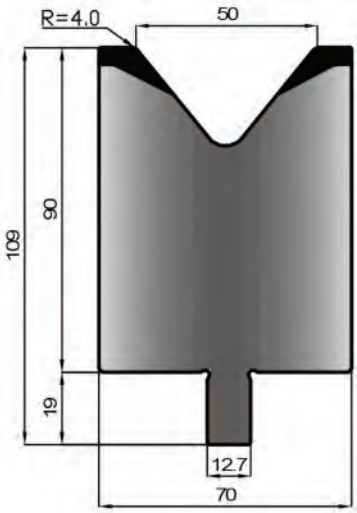
COD 32.115

α78°|Max. Tn/mt 130



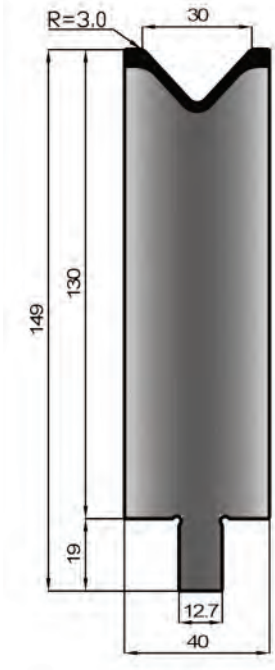
COD 32.116

α78°|Max. Tn/mt 150



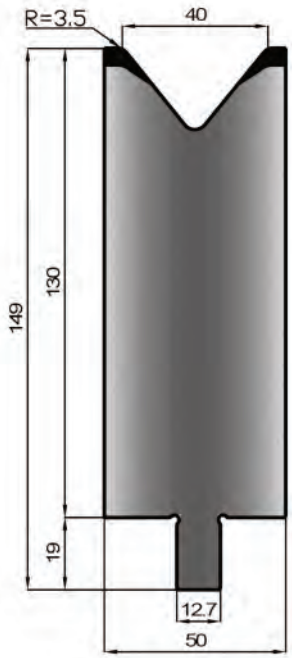
COD 32.158

α78°|Max. Tn/mt 110



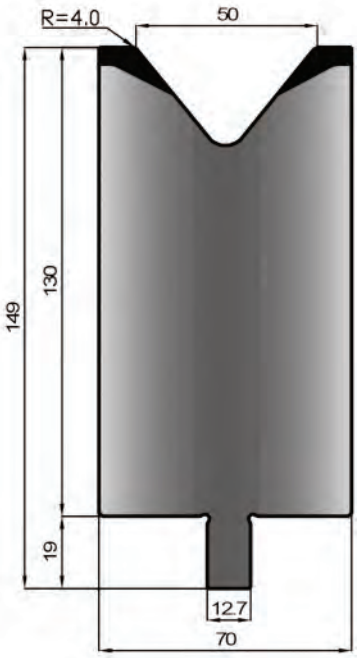
COD 32.159

α78°|Max. Tn/mt 130



COD 32.160

α78°|Max. Tn/mt 150



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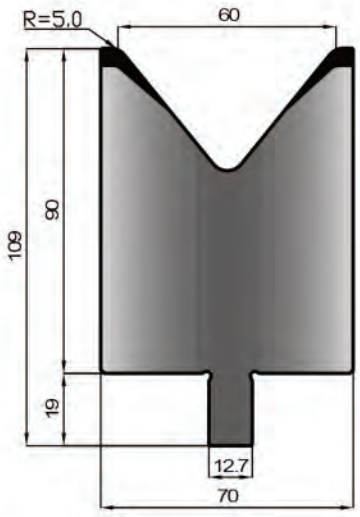
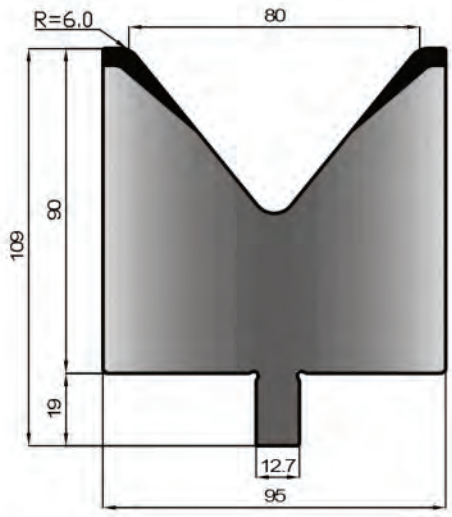
COD 32.117

α78° | Max. Tn / mt 150



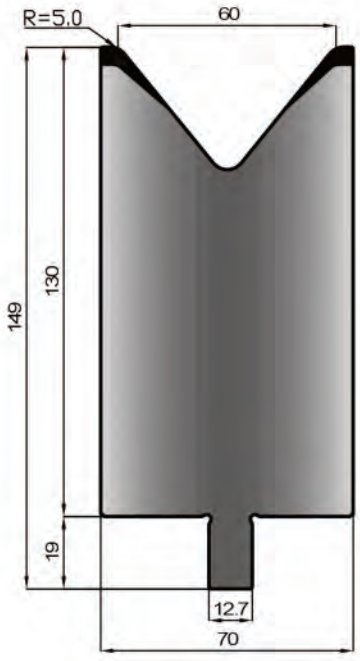
COD 32.118

α78° | Max. Tn / mt 150



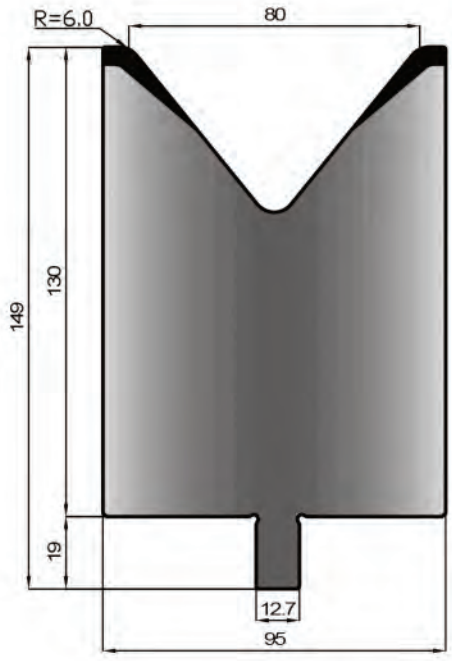
COD 32.161

α78° | Max. Tn / mt 150



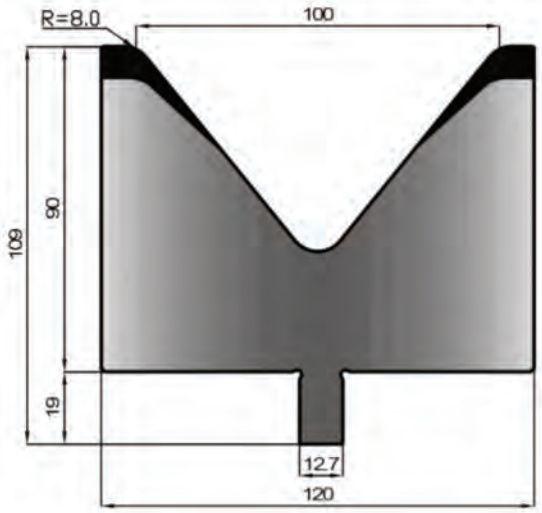
COD 32.162

α78° | Max. Tn / mt 150



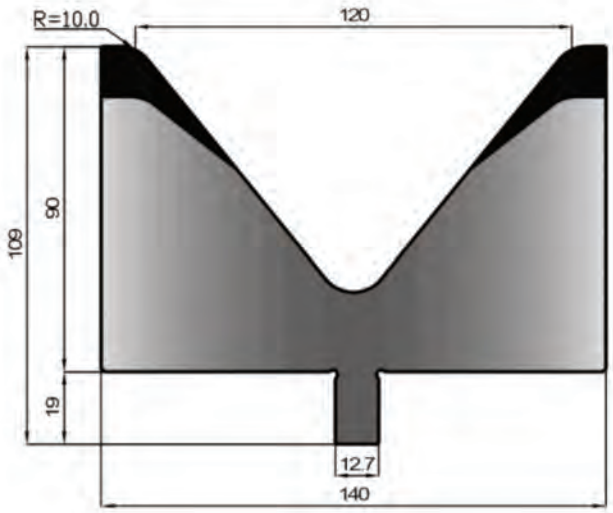
COD 32.119

α78°|Max. Tn/mt 150



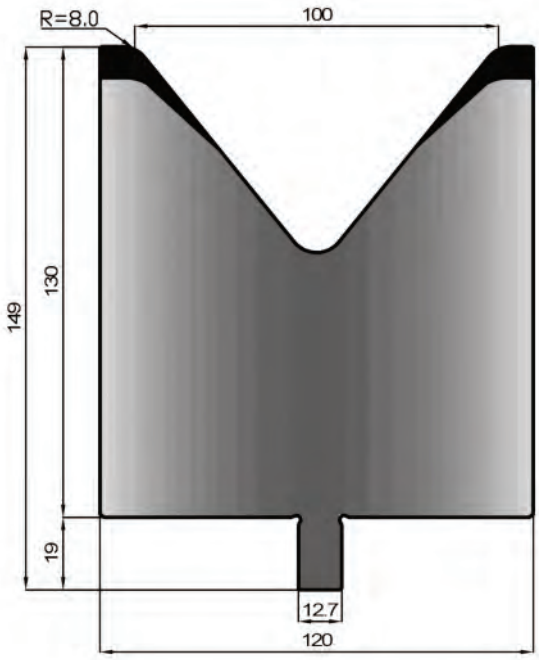
COD 32.163

α78°|Max. Tn/mt 150



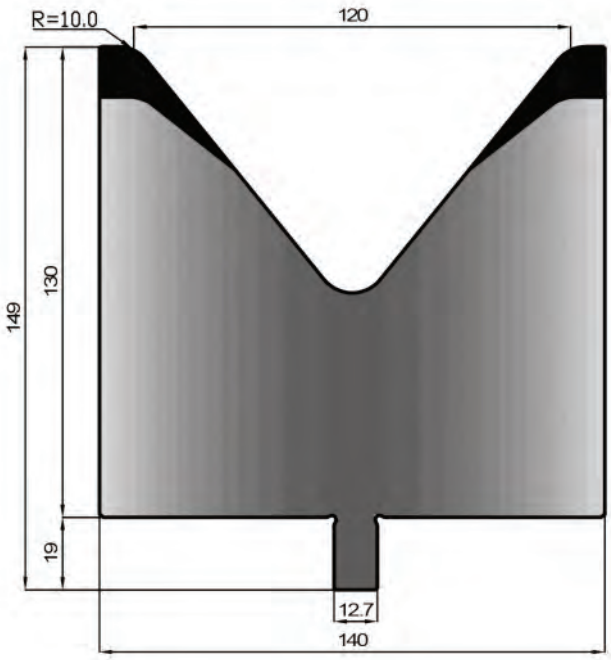
COD 32.164

α78°|Max. Tn/mt 150



COD 32.120

α78°|Max. Tn/mt 150



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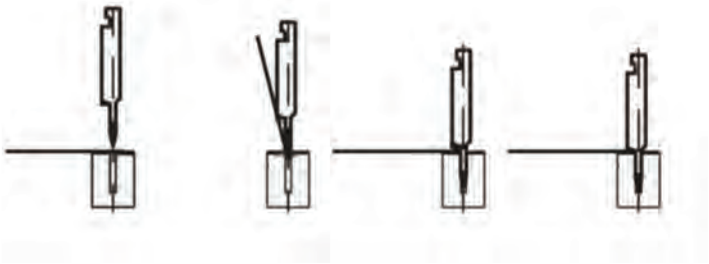
L=508
L=550 S

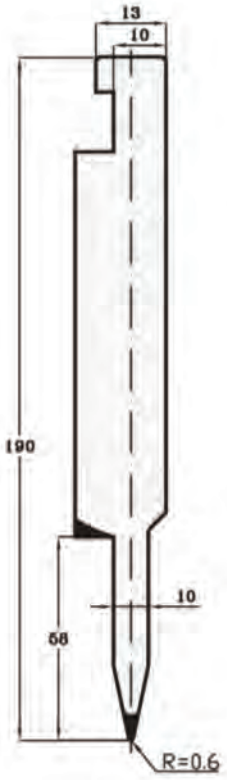


COD 12.491

α20°|Max. Tn/mt 80

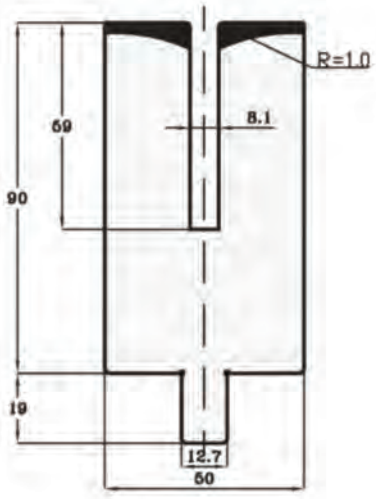
COD 12.492

α20°|Max. Tn/mt 80



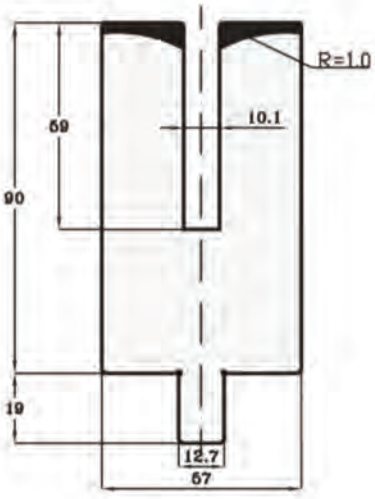
COD 32.121

Max. Tn/mt 50



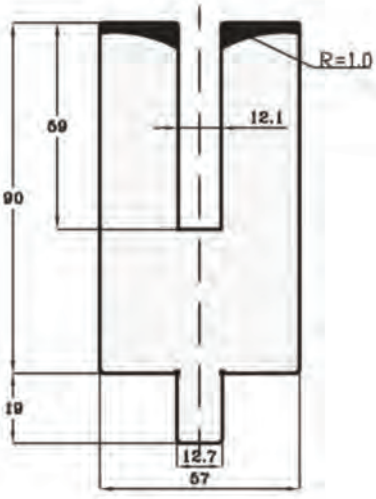
COD 32.122

Max. Tn/mt 50

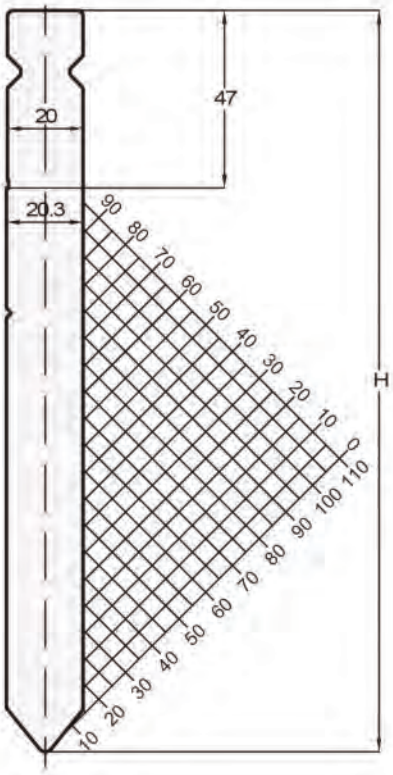


COD 32.123

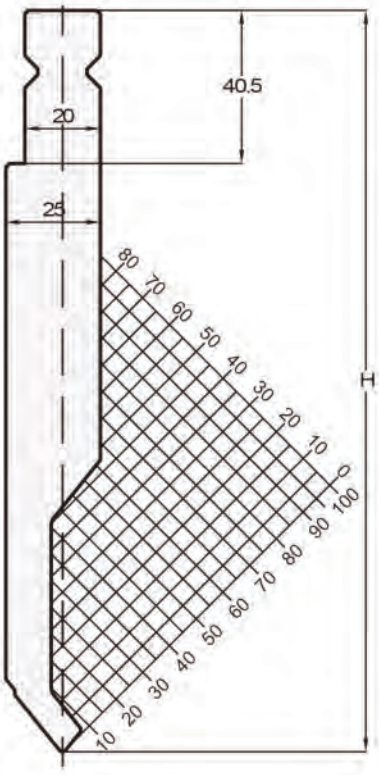
Max. Tn/mt 50



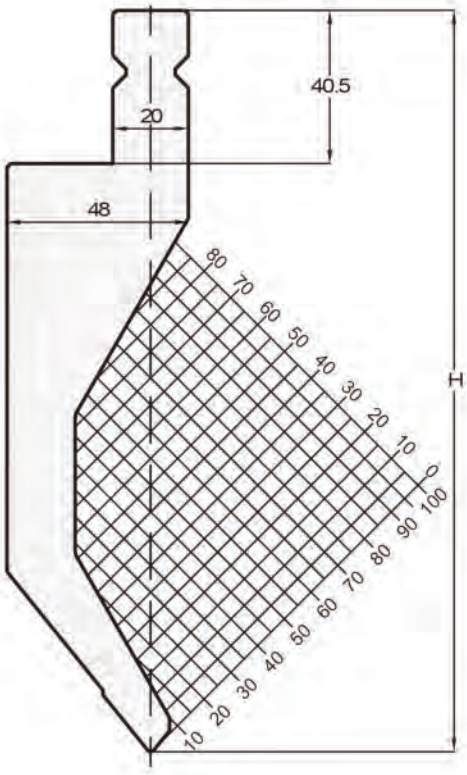
COD	α	R	H	MAX Tn/mt
18.001	78°	2.00	196.00	80



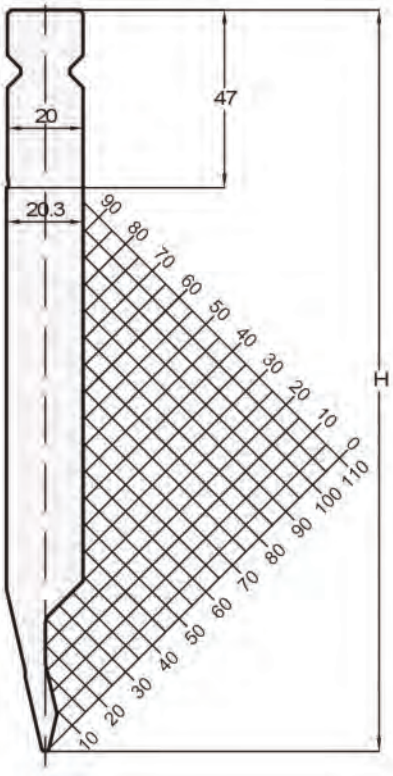
COD	α	R	H	MAX Tn/mt
18.002	78°	1.00	196.00	40



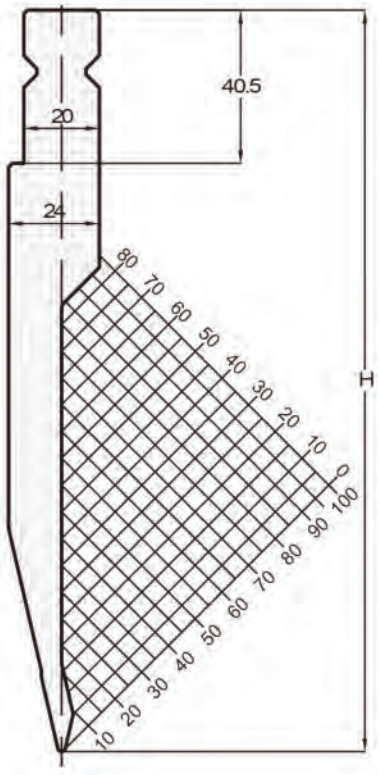
COD	α	R	H	MAX Tn/mt
18.003	78°	1.00	196.00	40



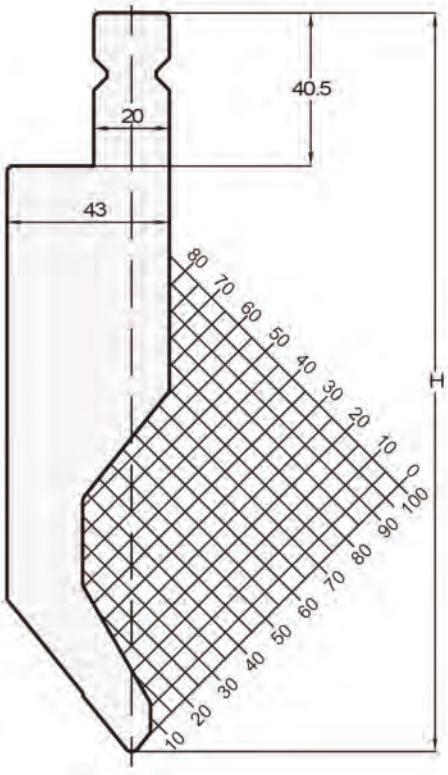
COD	α	R	H	MAX Tn/mt
18.004	26°	1.00	196.00	40



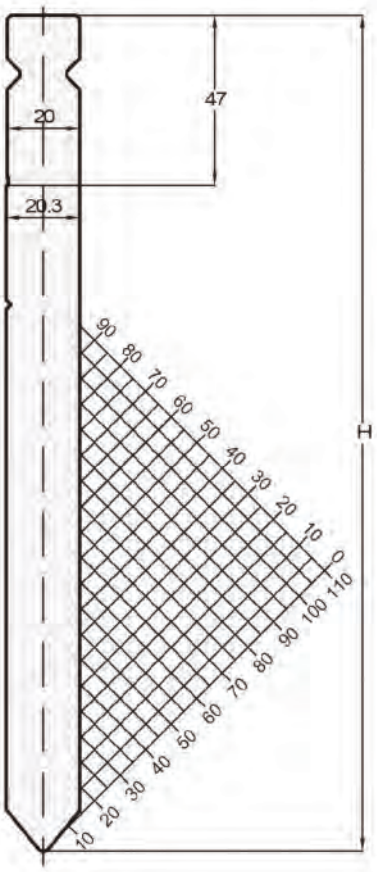
COD	α	R	H	MAX Tn/mt
18.005	26°	1.00	196.00	40



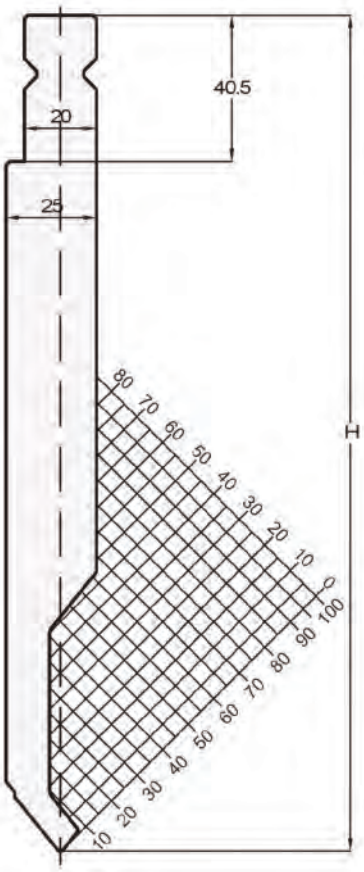
COD	α	R	H	MAX Tn/mt
18.006	78°	2.00	196.00	70



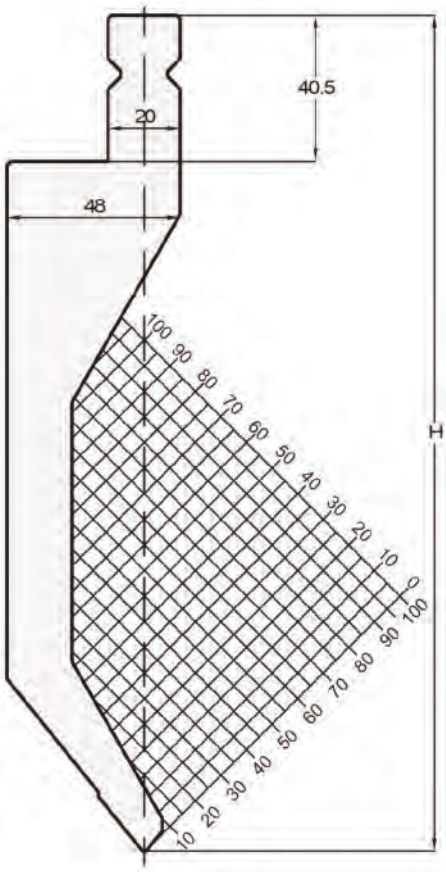
COD	α	R	H	MAX Tn/mt
18.007	78°	3.00	231.00	120



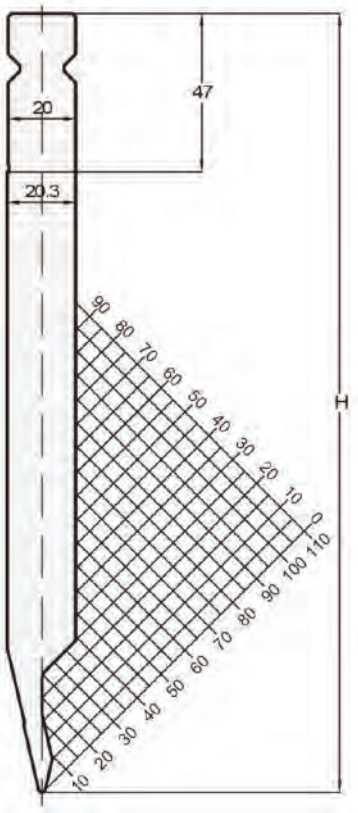
COD	α	R	H	MAX Tn/mt
18.008	78°	2.00	231.00	50



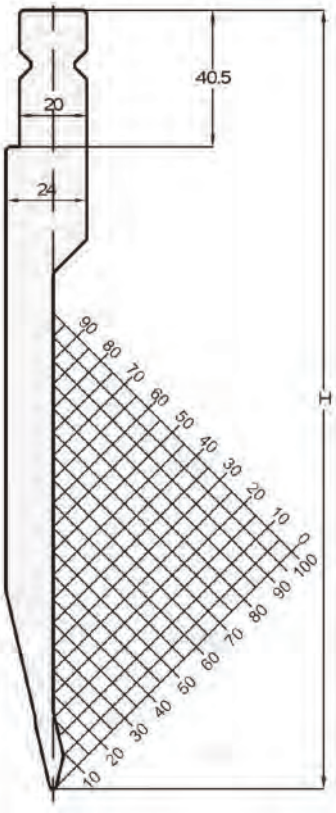
COD	α	R	H	MAX Tn/mt
18.009	78°	2.00	231.00	75



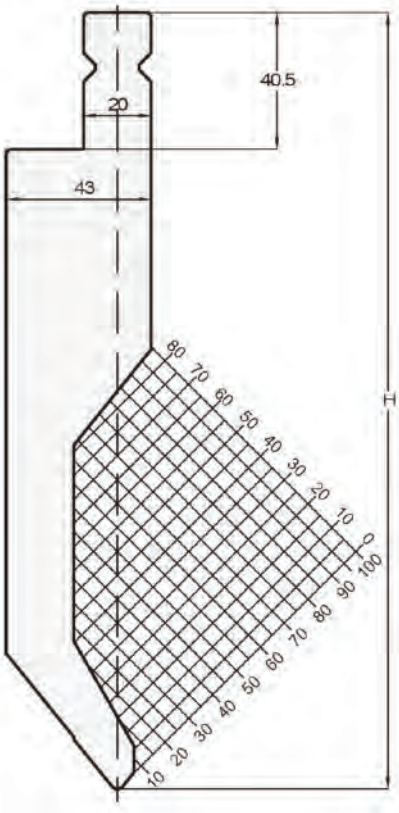
COD	α	R	H	MAX Tn/mt
18.010	26°	2.00	231.00	50

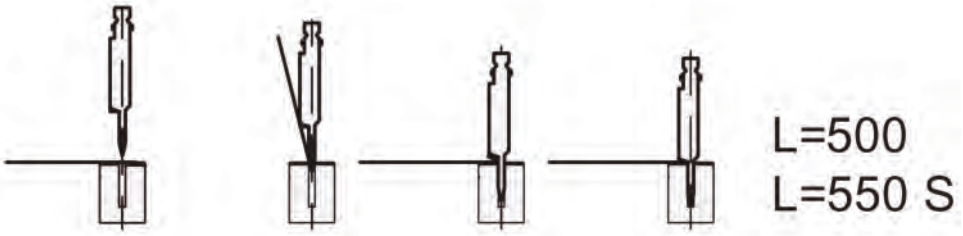


COD	α	R	H	MAX Tn/mt
18.011	26°	2.00	231.00	50

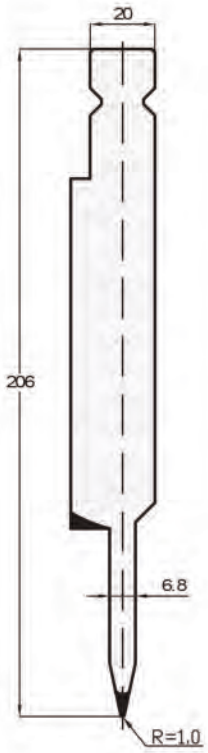


COD	α	R	H	MAX Tn/mt
18.012	78°	2.00	231.00	80





COD 18.013
α20°|Max. Tn/mt 40

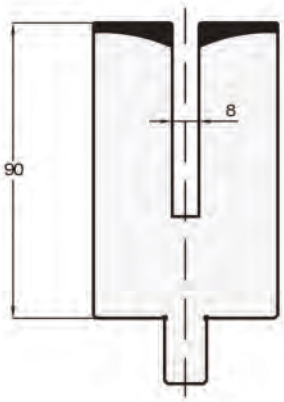


COD 18.014
α20°|Max. Tn/mt 40

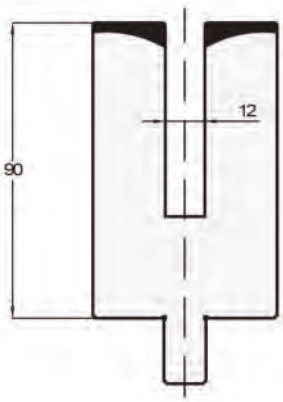
COD 18.015
α20°|Max. Tn/mt 40

COD 18.016
α20°|Max. Tn/mt 60

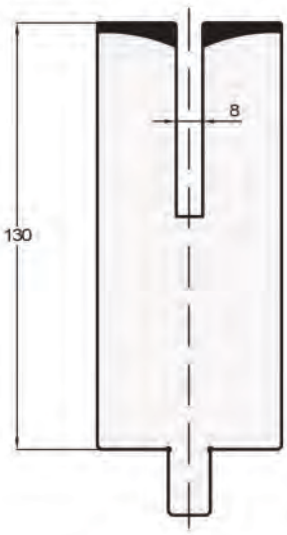
COD 32.165
Max. Tn/mt 50



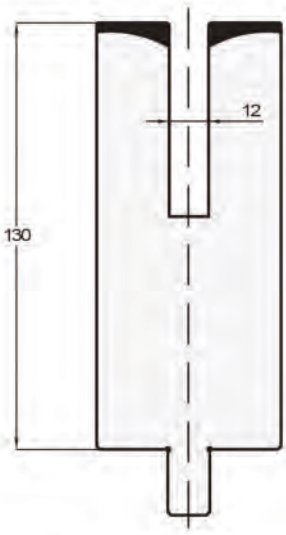
COD 32.166
Max. Tn/mt 50



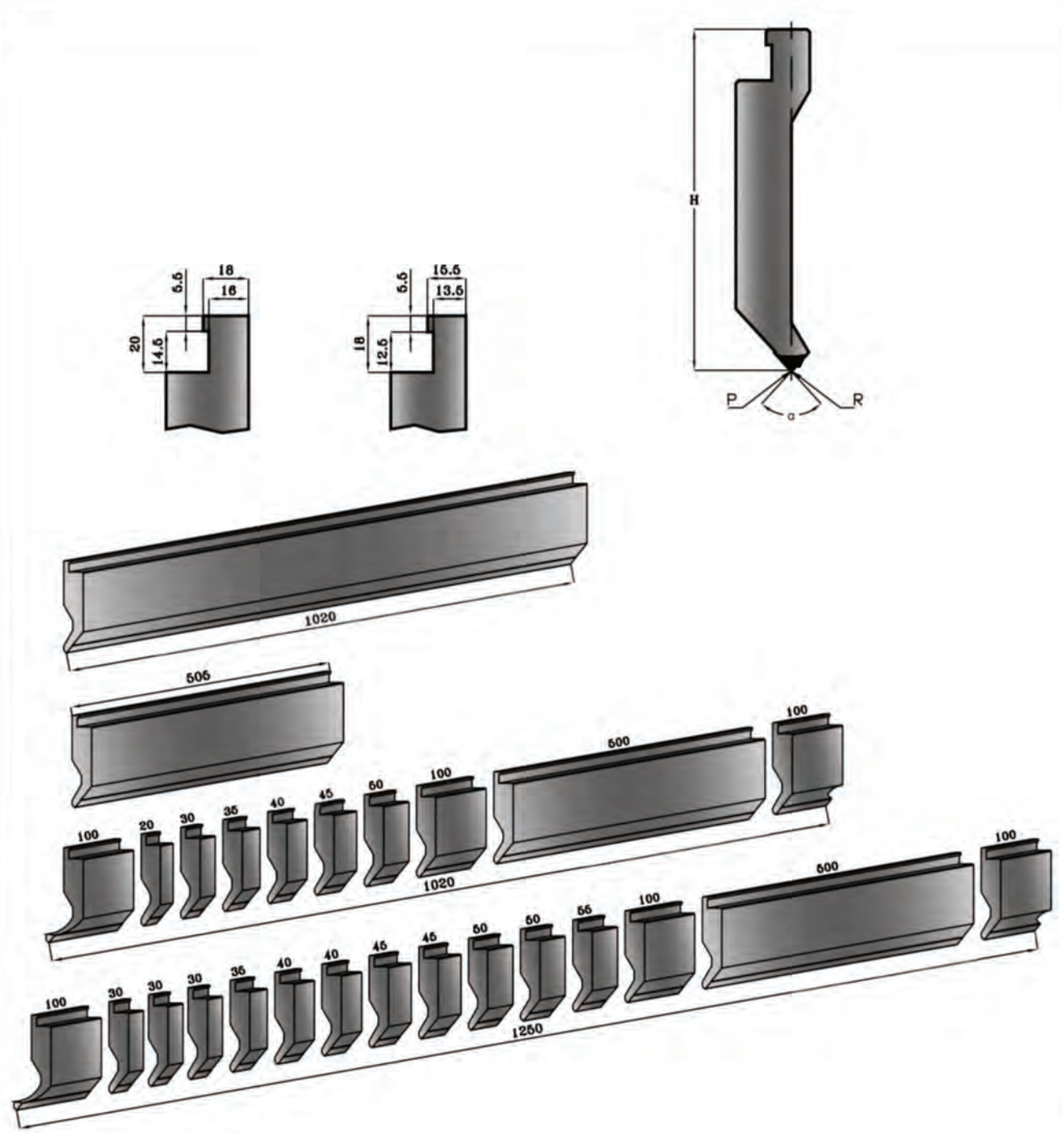
COD 32.167
Max. Tn/mt 50



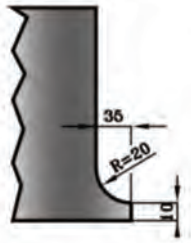
COD 32.168
Max. Tn/mt 50

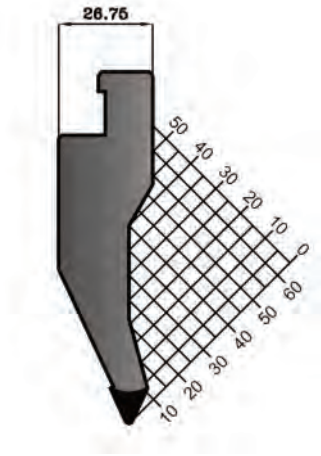


LOS PUNZONES ESTÁNDAR ESTAN DISPONIBLES EN LARGOS 1020mm, 505mm Y FRACCIONADO DE 1020mm, 1250mm
STANDARD PUNCHES ARE AVAILABLE LEGHTS IN 1020mm, 505mm AND 1020mm, 1250mm SEGMENTATION

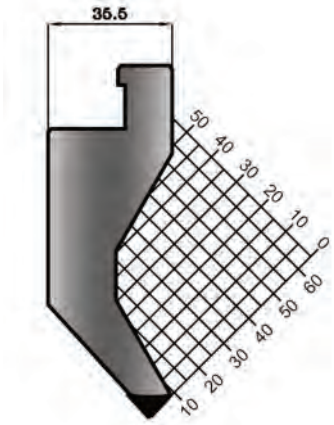


BIGORNIA FRACCIONADO ESTÁNDAR
STANDARD HORN

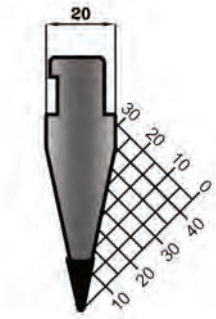




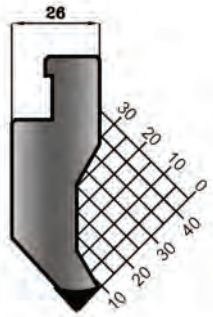
COD	EQV.	α	R	H	MAX Tn/mt
15.100		50°	1.00	100.00	100



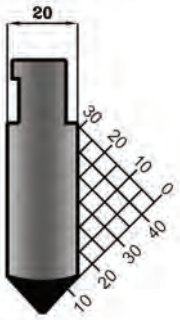
COD	EQV.	α	P	H	MAX Tn/mt
15.101	U-14401	90°	0.80	100.00	100
15.102		88°	0.80	100.00	100
15.103		85°	0.70	100.00	100



COD	EQV.	α	R	H	MAX Tn/mt
10.104	U-14418	24°	0.60	72.00	80

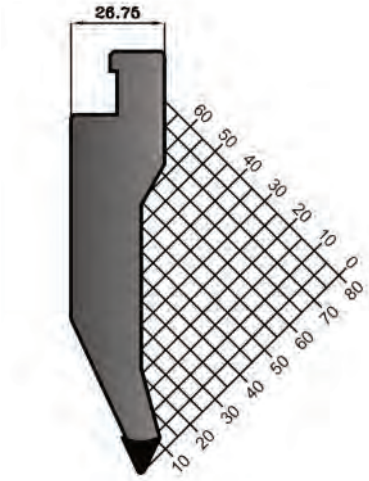


COD	EQV.	α	P	H	MAX Tn/mt
15.105	U-14411	90°	0.80	72.00	80
15.106		88°	0.80	72.00	80
15.107	U-14412	85°	0.70	72.00	80

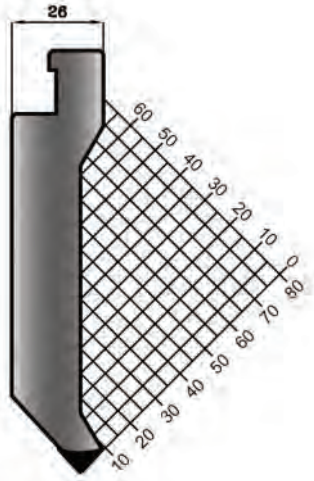


COD	EQV.	α	P	H	MAX Tn/mt
15.108		90°	0.80	72.00	80
15.126		88°	0.80	72.00	80
15.127	U-14420	85°	0.70	72.00	80

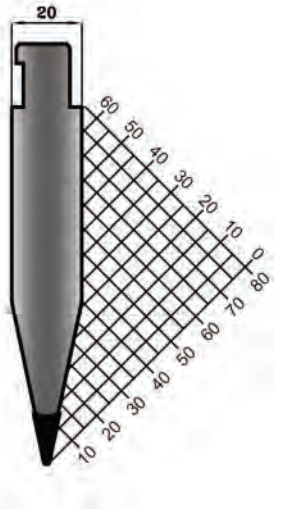
COD	EQV.	α	P	H	MAX Tn/mt
15.109	U-14419	180°	20	82.00	100



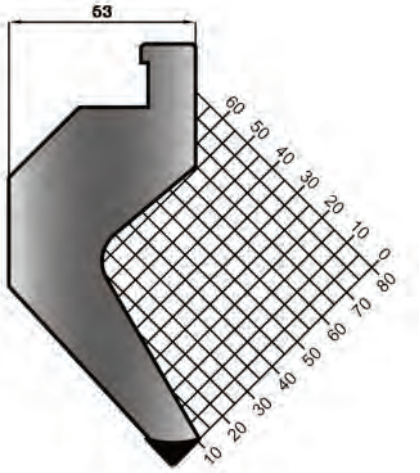
COD	EQV.	α	R	H	MAX Tn/mt
15.110	U-14697	50°	1.00	120.00	100



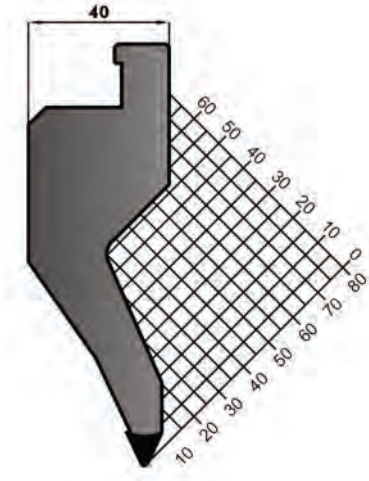
COD	EQV.	α	P	H	MAX Tn/mt
15.111	U-14715	90°	0.80	120.00	80
15.112		88°	0.80	120.00	80
15.113	U-14716	85°	0.70	120.00	80



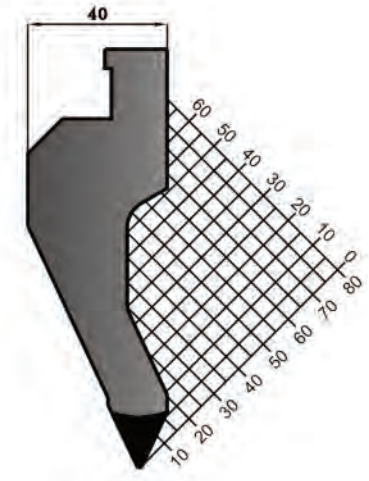
COD	EQV.	α	R	H	MAX Tn/mt
15.114	U-14526	24°	0.60	120.00	100



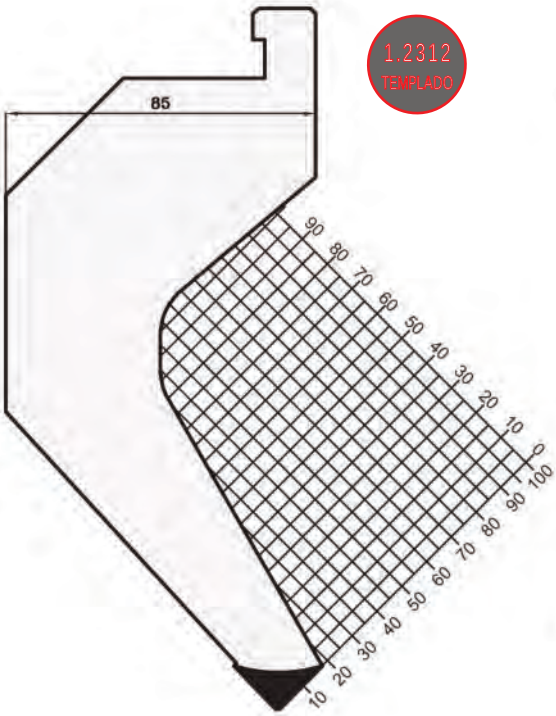
COD	EQV.	α	P	H	MAX Tn/mt
15.115	U-14515	90°	0.80	120.00	80
15.116		88°	0.80	120.00	80
15.117	U-14516	85°	0.70	120.00	80



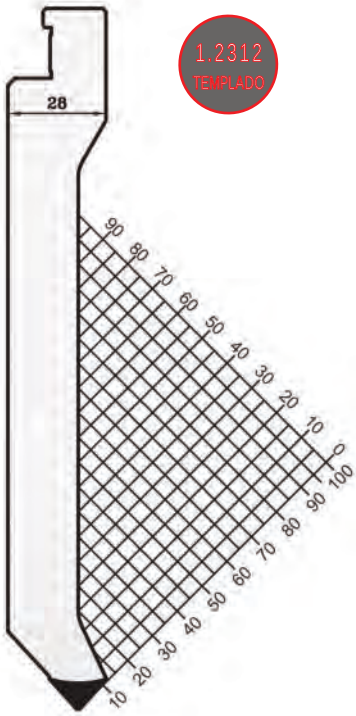
COD	EQV.	α	R	H	MAX Tn/mt
15.118	U-14705	50°	1.00	120.00	80



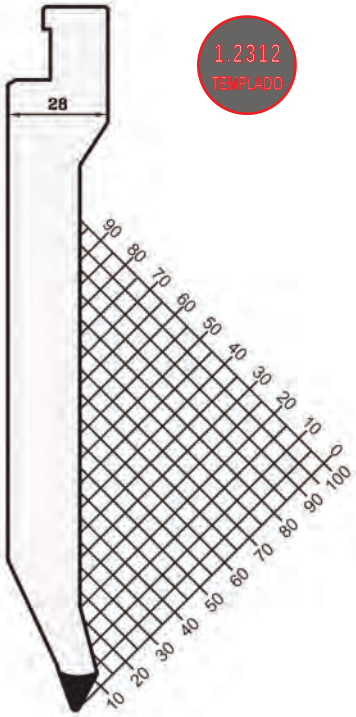
COD	EQV.	α	R	H	MAX Tn/mt
15.119		50°	1.00	120.00	100



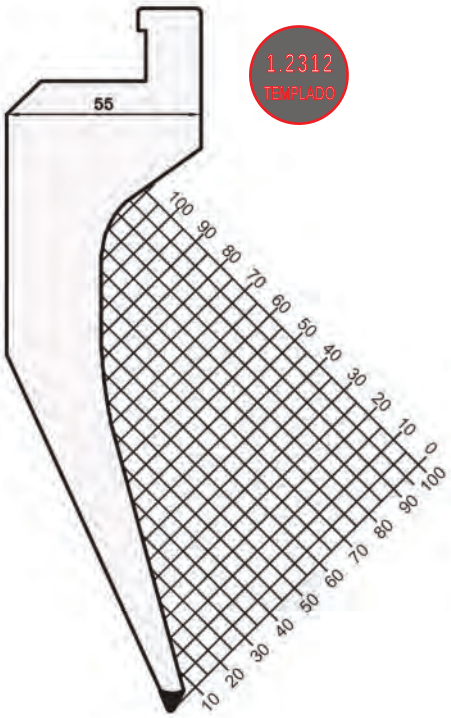
COD	EQV.	α	P	H	MAX Tn/mt
15.120		85°	0.70	200.00	100



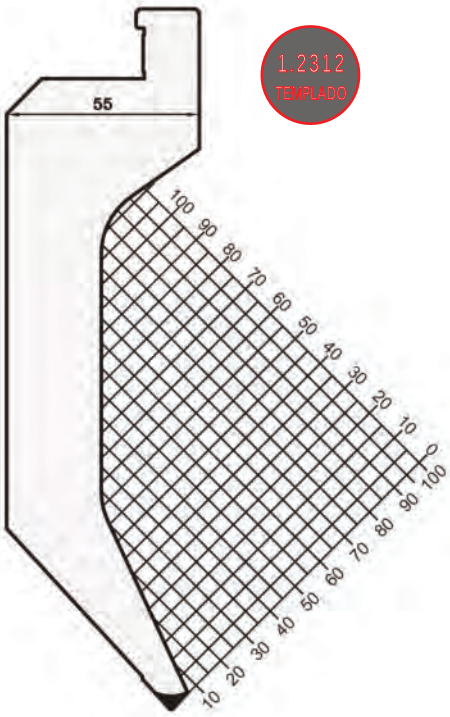
COD	EQV.	α	P	H	MAX Tn/mt
15.121		85°	0.70	200.00	100



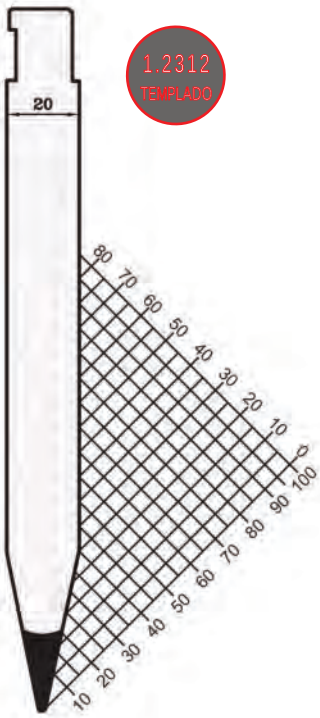
COD	EQV.	α	R	H	MAX Tn/mt
15.122	U-14700	50°	1.00	200.00	100



COD	EQV.	α	R	H	MAX Tn/mt
15.123		50°	1.00	200.00	100

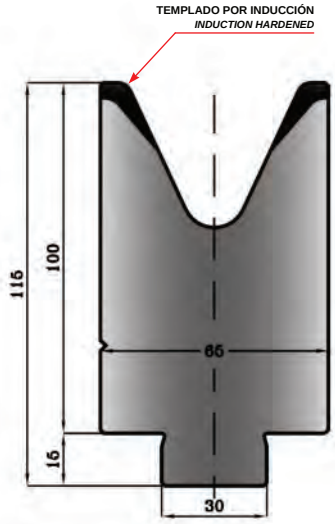


COD	EQV.	α	P	H	MAX Tn/mt
15.124		85°	0.70	200.00	100

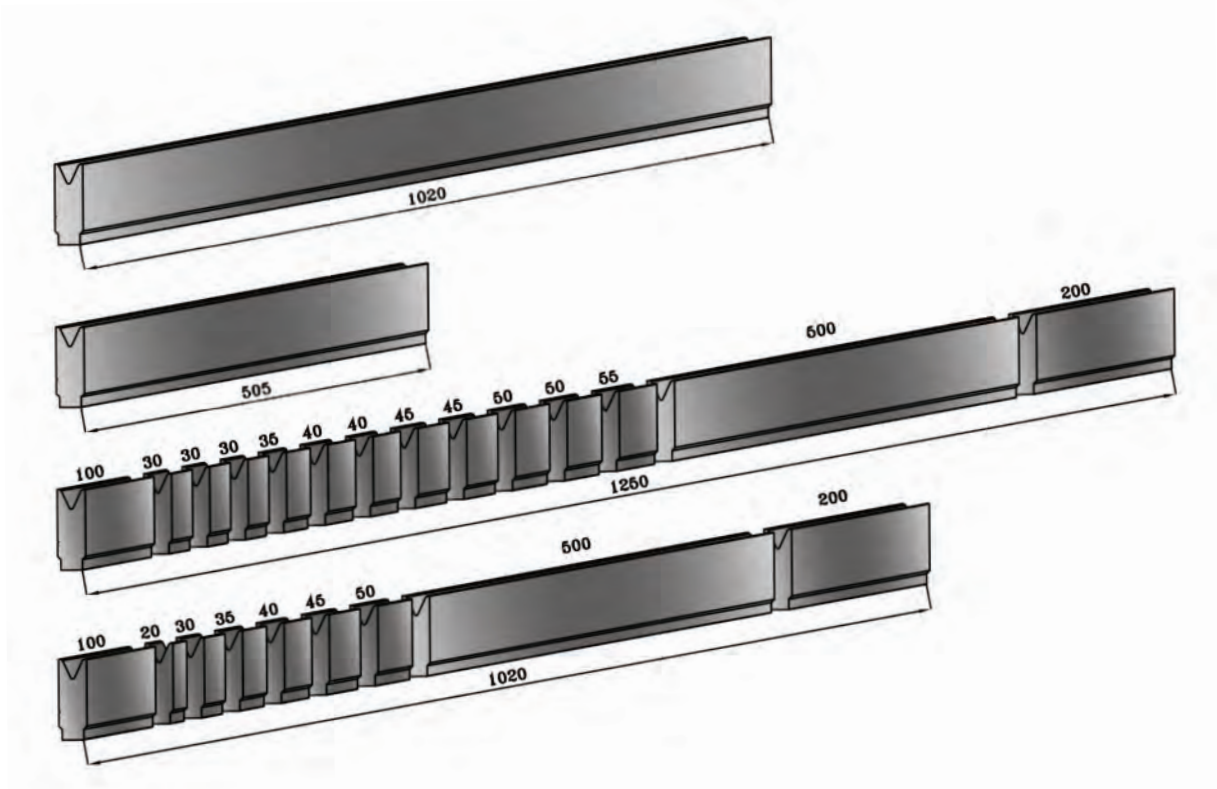


COD	EQV.	α	R	H	MAX Tn/mt
15.125		24°	1.00	200.00	100

LAS MATRICES ESTÁNDAR ESTAN DISPONIBLES EN LARGOS 1020mm, 505mm Y FRACCIONADO DE 1020mm, 1250mm
STANDARD DIES ARE AVAILABLE LEGHTS IN 1020mm, 505mm AND 1020mm, 1250mm SEGMENTATION

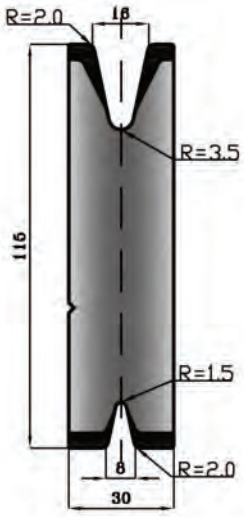


FRACCIONADO ESTÁNDAR
STANDARD SEGMENTATION



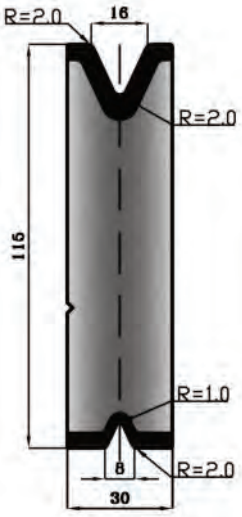
COD 26.100

α24°|Max. Tn/mt 50



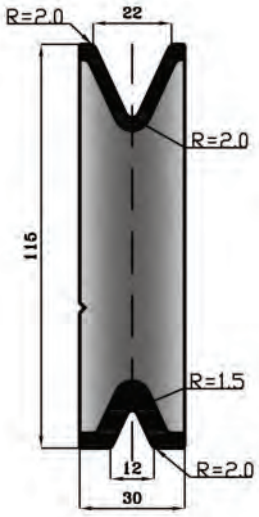
COD 26.101

α50°|Max. Tn/mt 50



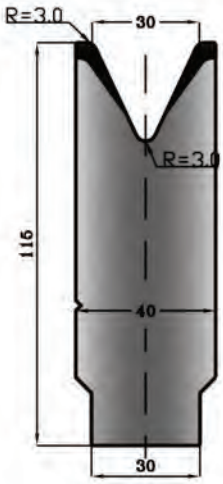
COD 26.102

α50°|Max. Tn/mt 50



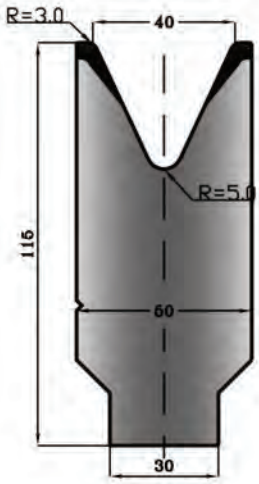
COD 26.103

α50°|Max. Tn/mt 50



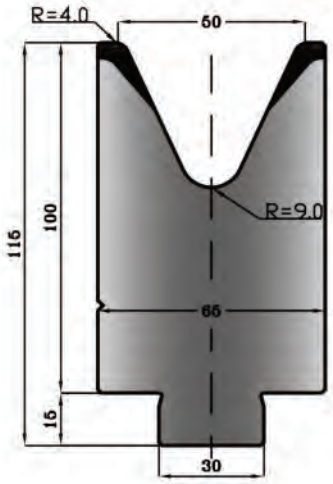
COD 26.104

α50°|Max. Tn/mt 50



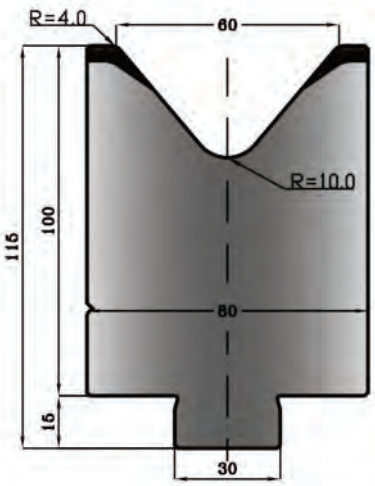
COD 26.105

α50°|Max. Tn/mt 50



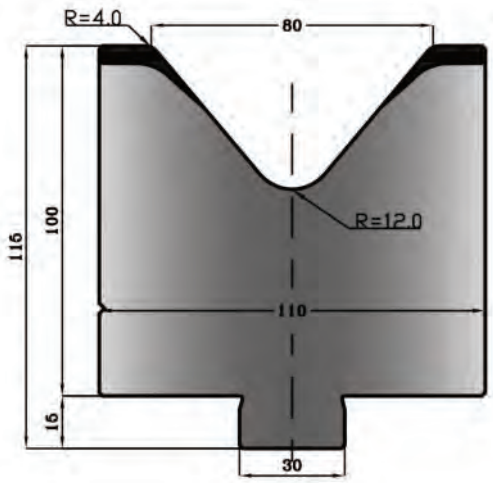
COD 26.106

α80° | Max. Tn / mt 50



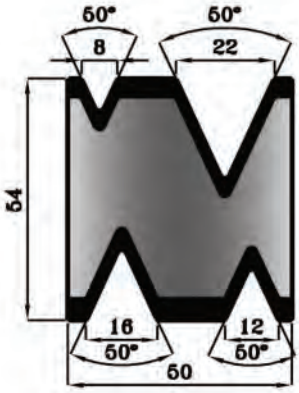
COD 26.107

α80° | Max. Tn / mt 50



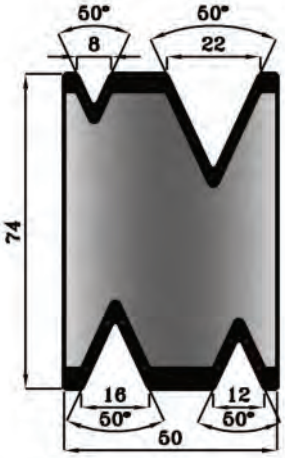
COD 26.109 EQV. U-14767

α50° | Max. Tn / mt 50



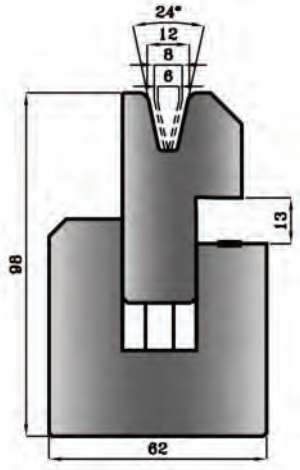
COD 26.110 EQV. U-14768

α50° | Max. Tn / mt 50



COD 26.108

α24° | Max. Tn / mt 50



Material ~ 40Kg/mm²

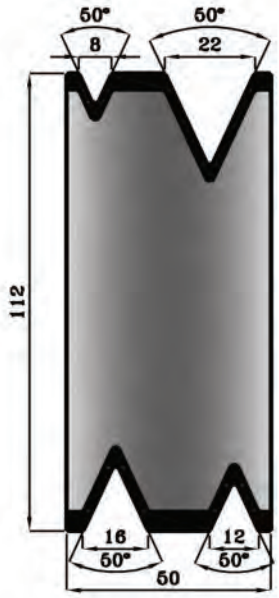
S (mm)	Tn / mt	A (mm)	Tn / mt	2S (mm)
0.6	9	3	23	1.2
0.8	12	3	32	1.6
1.0	15	3.5	40	2.0
1.25	17	3.5	50	2.5
1.5	22	4.6	63	3.0
2.0	30	5.5	80	4.0
2.5	55	6.5	90	5.0
3.0	70	8.0	100	6.0

Material ~ 70Kg/mm²

S (mm)	Tn / mt	A (mm)	Tn / mt	2S (mm)
0.6	15	3	35	1.2
0.8	20	3	50	1.6
1.0	25	3.5	60	2.0
1.25	26	3.5	80	2.5
1.5	38	4.6	95	3.0
2.0	50	5.5	130	4.0

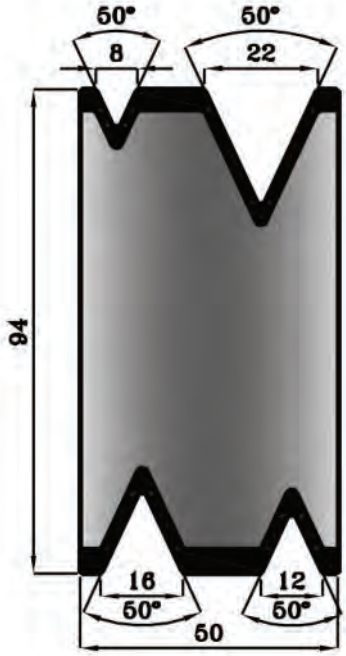
COD 26.112 | EQV. U-14770

α50° | Max. Tn / mt 50



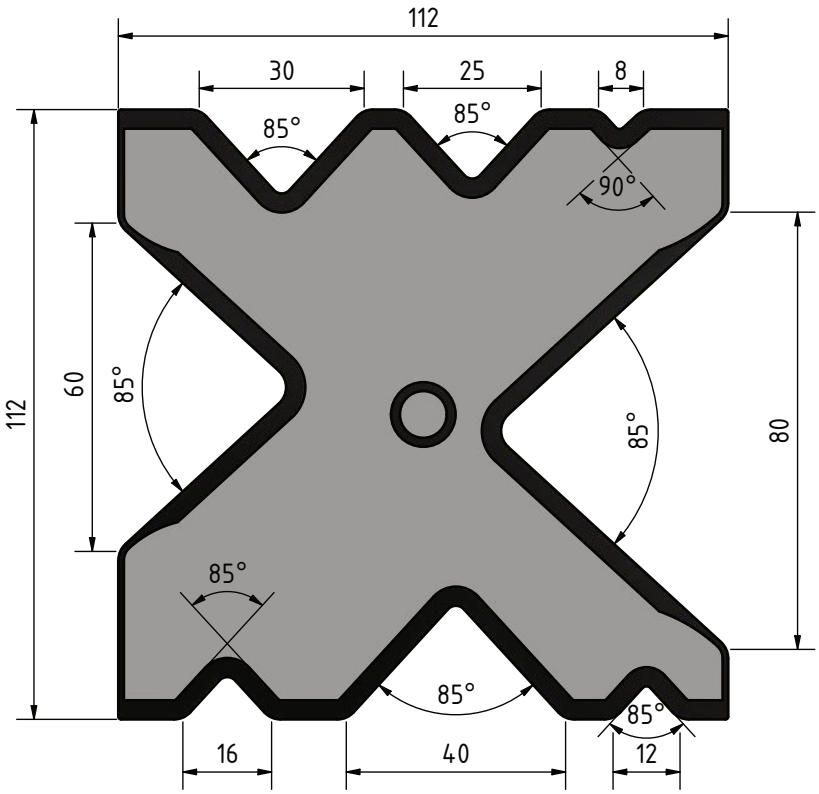
COD 26.111 | EQV. U-14769

α50° | Max. Tn / mt 50



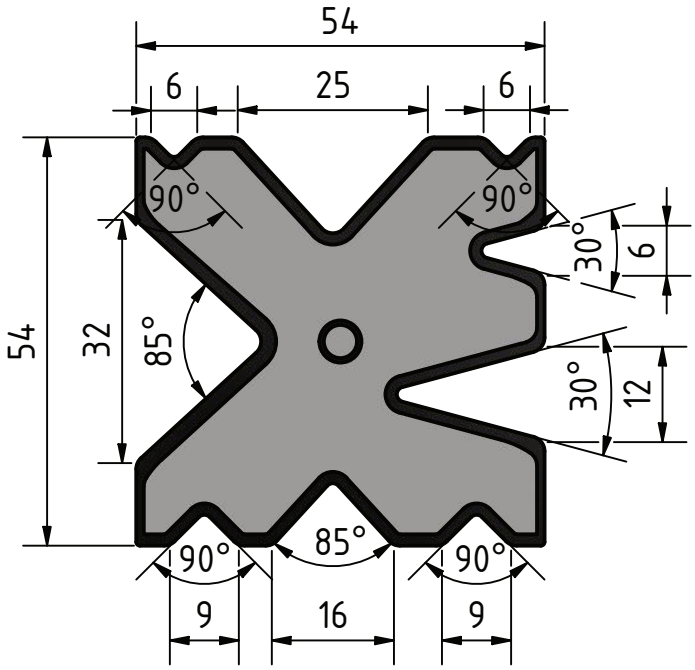
COD 26.115 | EQV. U-14518

α90°α85° | Max. Tn / mt 50



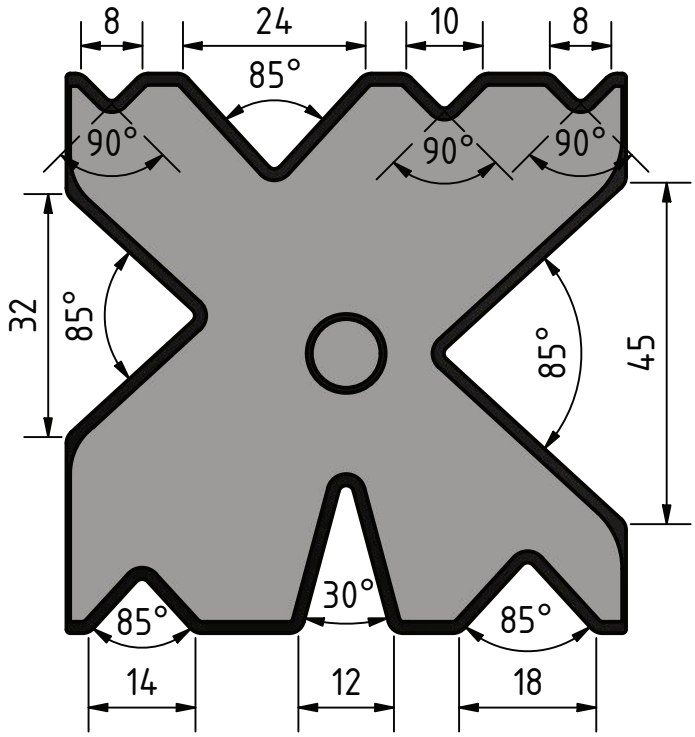
COD 26.113 | EQV. U-14319

α90°α85°α30°|Max. Tn/mt 50



COD 26.114 | EQV. U-14318

α90°α85°α30°|Max. Tn/mt 50



AMADA-PROMECAM

COD 11.500

Max. Tn/mt 100
L=835mm/L=415mm

WILA-TRUMPF

COD 12.420

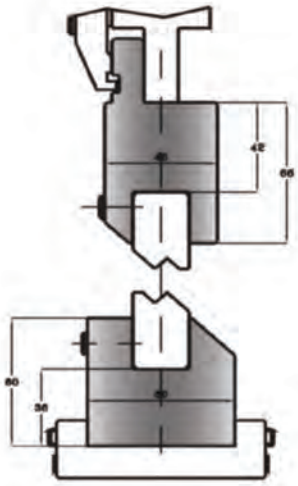
Max. Tn/mt 100
L=835mm/L=415mm

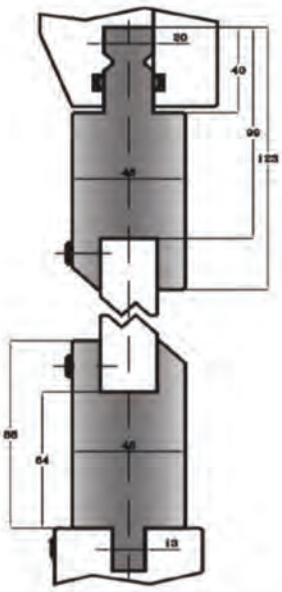
LVD

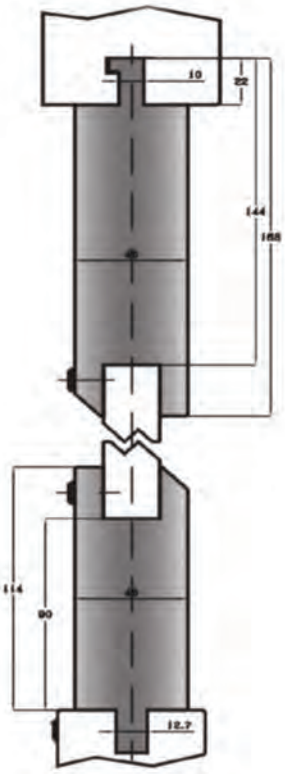
COD 14.106

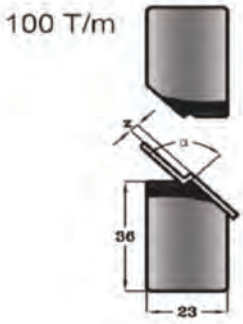
Max. Tn/mt 100

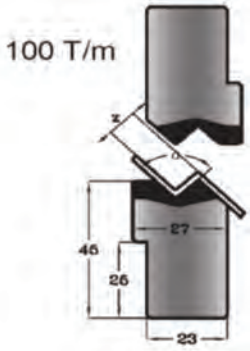
SOPORTES PARA INSERTOS HERRAMIENTAS Z
INSERT Z TOOLS HOLDERS

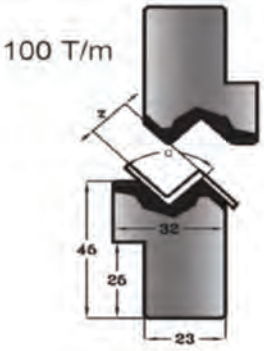












COD 11.300
α160°|Z 1.00

COD 11.310
α160°|Z 1.50

COD 11.320
α150°|Z 2.00

COD 11.330
α140°|Z 2.50

COD 12.760
α90°|Z 1.00

COD 12.770
α90°|Z 1.50

COD 12.740
α90°|Z 2.00

COD 12.750
α90°|Z 2.50

COD 11.340
α90°|Z 3.00

COD 11.350
α90°|Z 3.50

COD 11.360
α90°|Z 4.00

COD 11.370
α90°|Z 4.50

COD 11.380
α90°|Z 5.00

COD 11.390
α90°|Z 5.50

COD 11.400
α90°|Z 6.00

COD 11.410
α90°|Z 6.50

COD 11.420
α90°|Z 7.00

COD 11.430
α90°|Z 7.50

COD 11.440
α90°|Z 8.00

COD 11.450
α90°|Z 9.00

COD 11.460
α90°|Z 10.00

COD 11.470
α90°|Z 11.00

COD 11.480
α90°|Z 12.00

COD 12.780
α90°|Z 13.00

COD 12.790
α90°|Z 14.00

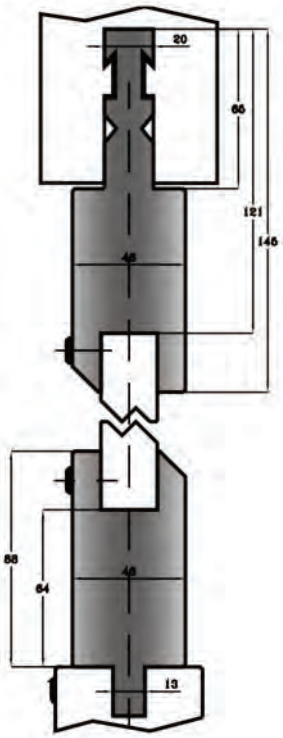
COD 12.800
α90°|Z 15.00

SOPORTES PARA INSERTOS HERRAMIENTAS Z
INSERT Z TOOLS HOLDERS

BEYELER-RFA

COD 12.998

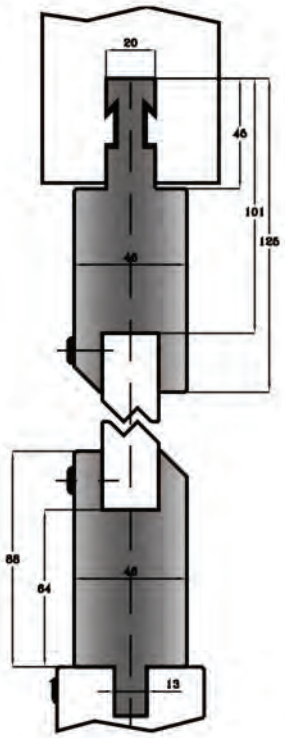
Max. Tn/mt 100
L=835mm/L=415mm



BEYELER-R

COD 11.551

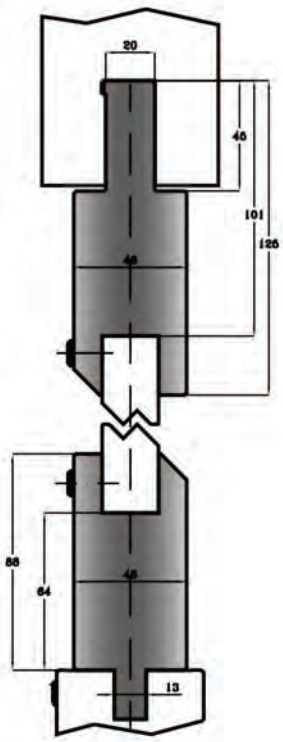
Max. Tn/mt 100
L=835mm/L=415mm



BEYELER-S

COD 11.552

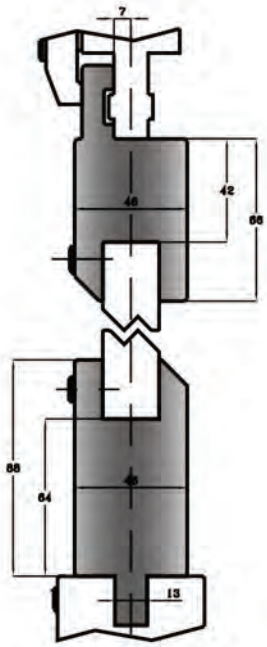
Max. Tn/mt 100
L=835mm/L=415mm



EURO-BEYELER

COD 11.553

Max. Tn/mt 100
L=835mm/L=415mm

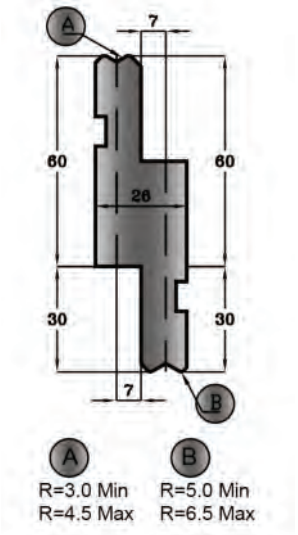


SOPORTES PARA INSERTOS HERRAMIENTAS DE RADIOS
INSERT RADIUS TOOLS HOLDERS

AMADA-PROMECAM

COD 11.550

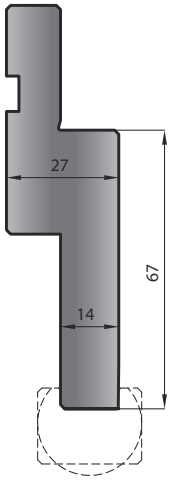
Max. Tn/mt 80
L=830mm/L=410mm



AMADA-PROMECAM

COD 10.360

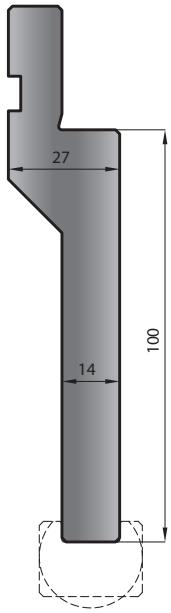
Max. Tn/mt 80
L=830mm/L=410mm



AMADA-PROMECAM

COD 10.960

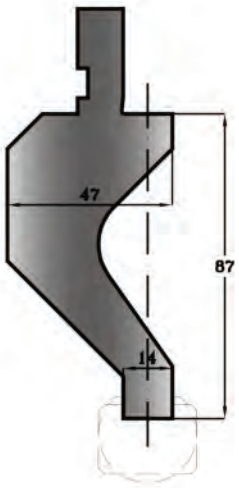
Max. Tn/mt 80
L=830mm/L=410mm



AMADA-PROMECAM

COD 10.910

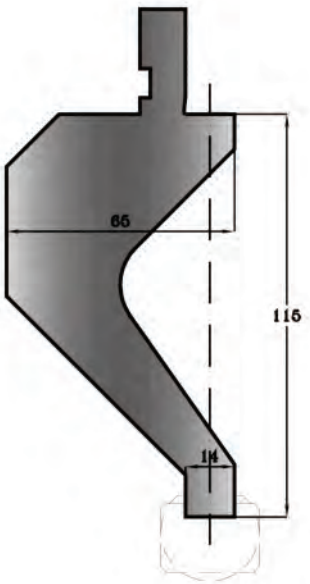
Max. Tn/mt 80
L=830mm/L=410mm



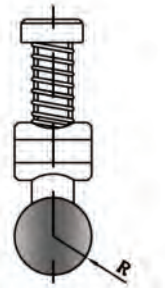
AMADA-PROMECAM

COD 10.900

Max. Tn/mt 80
L=830mm/L=410mm

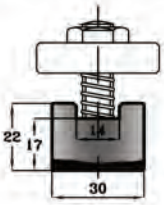


HERRAMIENTAS DE RADIOS
RADIUS TOOLS
L=835mm/L=415mm

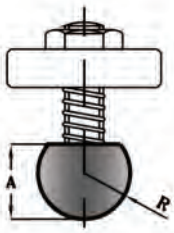


COD 11.800 R 3.0
COD 11.810 R 3.5
COD 11.820 R 4.0
COD 11.830 R 4.5
COD 11.840 R 5.0
COD 11.850 R 5.5
COD 11.860 R 6.0
COD 11.870 R 6.5

COD 42.750
RECAMBIO
SPARE PART

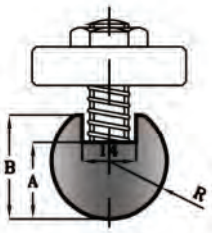


COD 10.430
INSERTO MACHACADO
FLATTENING TOOL



COD 11.000 R 7.0|A 11.5
COD 11.010 R 7.5|A 11.5
COD 11.020 R 8.0|A 13.0
COD 11.030 R 9.0|A 16.0
COD 10.370 R 10.0|A 16.0
COD 11.040 R 11.0|A 16.0
COD 11.050 R 11.5|A 16.0
COD 11.060 R 12.0|A 20.0

COD 42.740
RECAMBIO
SPARE PART



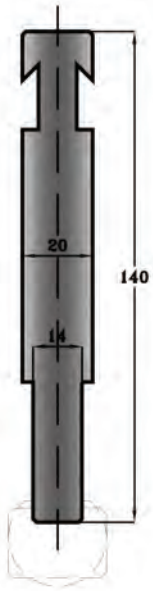
COD 11.070 R 12.5|A 16.0|B 21.0
COD 11.080 R 13|A 17.0|B 23.0
COD 11.090 R 14|A 19.0|B 25.0
COD 10.380 R 15|A 20.0|B 27.0
COD 11.100 R 16|A 21.0|B 28.0
COD 11.110 R 17|A 21.5|B 31.5
COD 10.390 R 17.5|A 22.0|B 32.0
COD 11.120 R 19|A 25.0|B 32.0
COD 11.130 R 22.5|A 25.0|B 33.0
COD 10.410 R 25|A 29.0|B 39.0
COD 11.140 R 27.5|A 34.0|B 44.0
COD 10.420 R 30|A 34.0|B 44.0
COD 11.150 R 35|A 45.0|B 55.0
COD 11.160 R 40|A 45.0|B 55.0
COD 11.170 R 45|A 50.0|B 60.0
COD 11.180 R 50|A 54.0|B 64.0

SOPORTE E INSERTO RADIO/PLANO
RADIUS/PLANE SUPPORT & INSERTS
L=830mm/L=410mm

BEYELER-R

COD 12.390

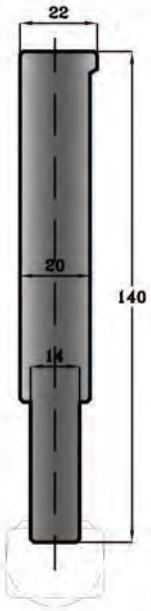
Max. Tn/mt 80



BEYELER-S

COD 12.410

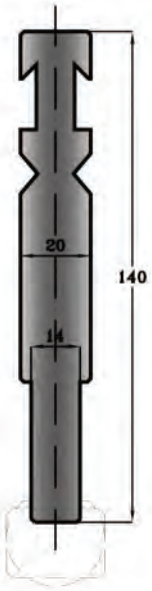
Max. Tn/mt 80



BEYELER-RFA

COD 12.730

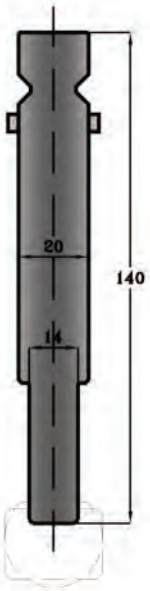
Max. Tn/mt 80



WILA-TRUMPF

COD 12.400

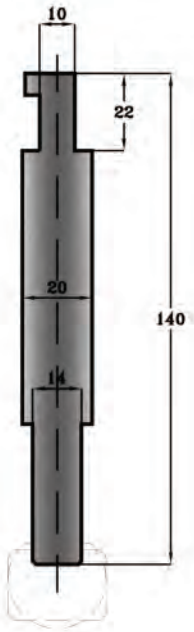
Max. Tn/mt 80



LVD

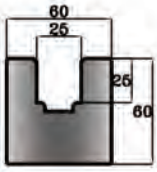
COD 14.105

Max. Tn/mt 80



CONTENEDORES E INSERTOS EN POLIURETANO
POLYURETHANE INSERTS & HOLDERS
L=835mm/L=415mm

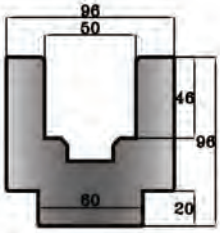
COD 20.360



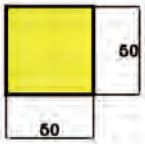
COD 21.010

COD 21.050

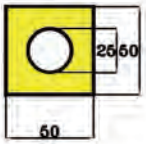
COD 20.370



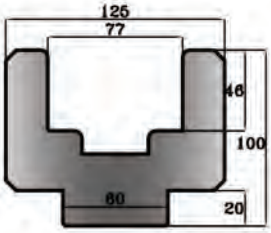
COD 21.020



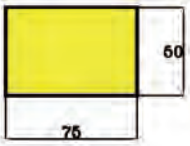
COD 21.060



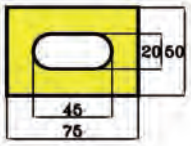
COD 20.380



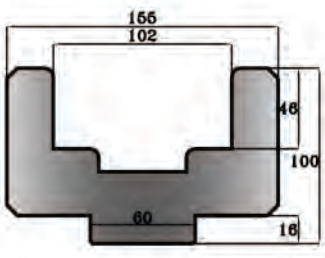
COD 21.030



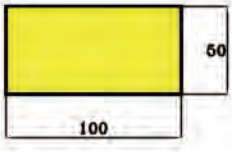
COD 21.070



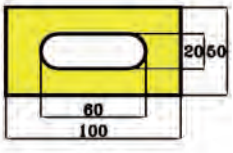
COD 20.400



COD 21.040



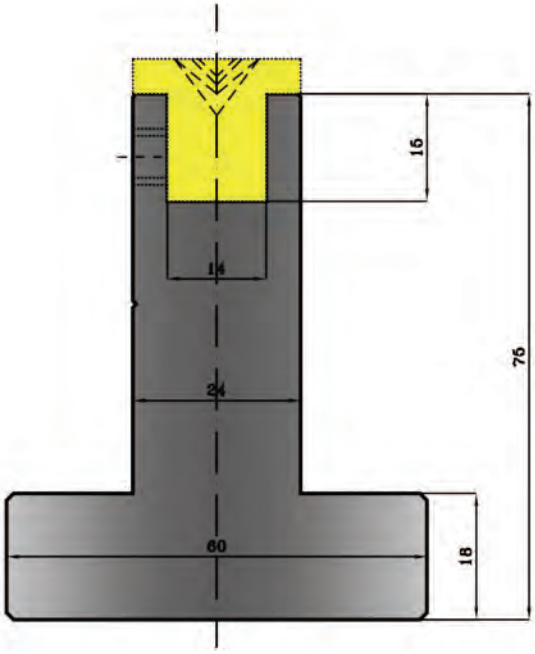
COD 21.080



CONTENEDORES PARA INSERTOS EN NYLON
NYLON HOLDERS
L=835mm/L=415mm

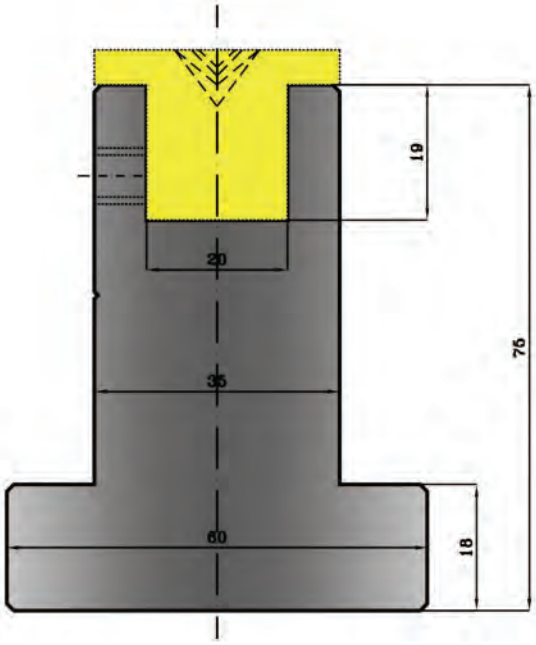
COD 21.090

Max. Tn/mt 100



COD 21.100

Max. Tn/mt 100

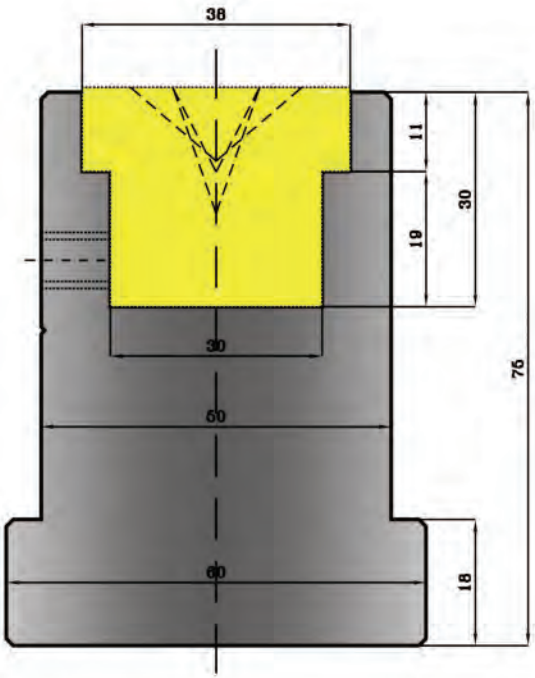


COD 21.150

H 50|Max. Tn/mt 100

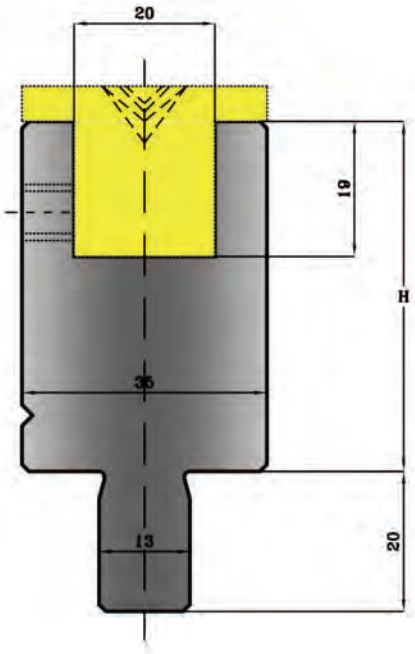
COD 21.110

Max. Tn/mt 100

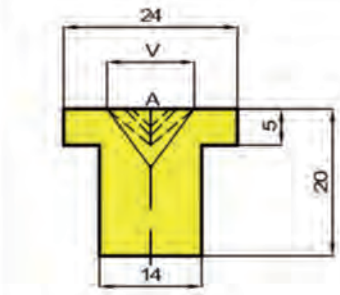


COD 21.160

H 95|Max. Tn/mt 100



INSERTOS INTERCAMBIABLES EN NYLON
NYLON INSERTS



COD 21.120			
A	V		
88°	6	8	10
60°	6	8	10
45°	6	8	10
30°	6	8	

Max. Tn/mt 20

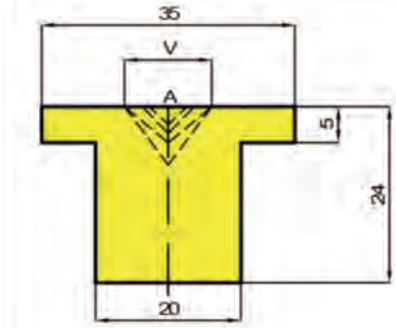
COD 43.080

ESPESOR/THICKNESS 0.5 mm.
ANCHO/WIDTH 100 mm.
LARGO/LEGTH 30 mts.

COD 43.140

ESPESOR/THICKNESS 0.8 mm.
ANCHO/WIDTH 100 mm.
LARGO/LEGTH 30 mts.

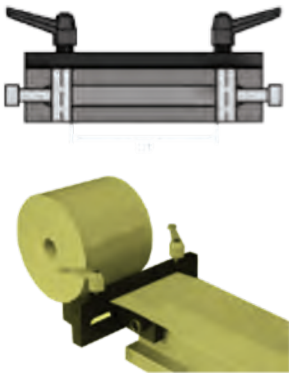
PELÍCULA DE POLIURETANO ANTI ARAÑAZOS/
POLYURETHANE FILM SCRATCH PROTECCION



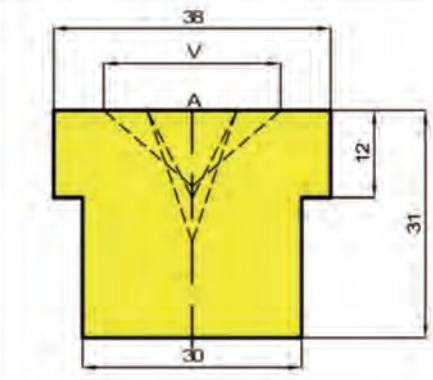
COD 21.130					
A	V				
88°	6	8	10	12	16
60°	6	8	10	12	16
45°	6	8	10	12	
30°	6	8	10		

Max. Tn/mt 20

COD 43.090



TENSOR DE POLIURETANO/
POLYURETHANE TENSIONER



COD 21.140							
A	V						
88°	6	8	10	12	16	20	25
60°	6	8	10	12	16	20	
45°	6	8	10	12	16	20	
30°	6	8	10	12	16		

Max. Tn/mt 20

ARMARIOS DE HERRAMIENTAS BAJO PEDIDO, PARA TODO TIPO DE SISTEMAS

TOOLING CABINET ON DEMAND FOR ALL SYSTEMS

ACCESORIOS DE ARMARIOS

CABINET ACCESSORIES

BLOQUEO RÁPIDO

SISTEMA DE CAMBIO RÁPIDO ÚTILES SUPERIORES
QUICK CHANGE SYSTEM FOR UPPER TOOLS

CARACTERÍSTICAS PRINCIPALES
No es necesaria ninguna modificación de la herramienta estándar
Inserción y extracción frontal de la herramienta
Sujeción y elevación automática de las herramientas
Gran ahorro de tiempo comparado con el bloqueo manual con tornillos
Cumple con todas las normas de seguridad CE

MAIN FEATURES
No modification to the standard tool
Tool frontal insertion/removal
Automatic tool clamping & lifting
Huge time saving compared to screw manual clamping
It meets all CE safety norms

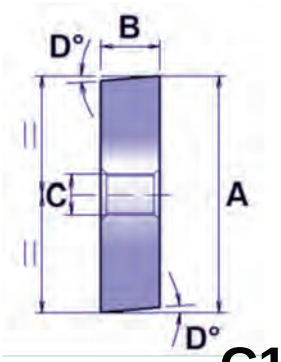
INSERCIÓN FRONTAL
FRONTAL INSERTION

ELEVACIÓN Y ANCLAMIENTO AUTOMÁTICO
AUTOMATIC LIFTING & HOUSING

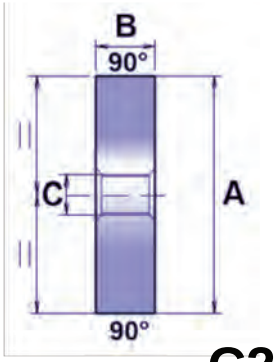
FÁCIL EXTRACCIÓN FRONTAL
EASY FRONTAL EJECTION

CUCHILLAS CIZALLA
SHEAR BLADES

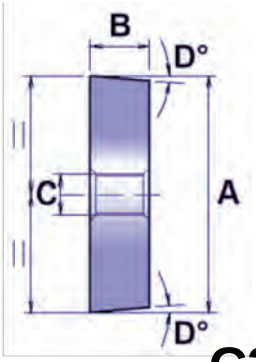
TIPO DE SECCIÓN DE CORTE
SHEAR SECTION TYPE



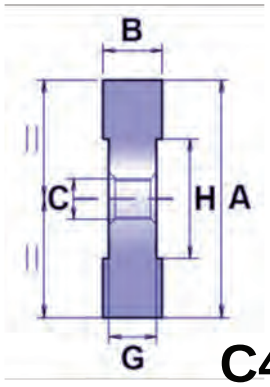
C1



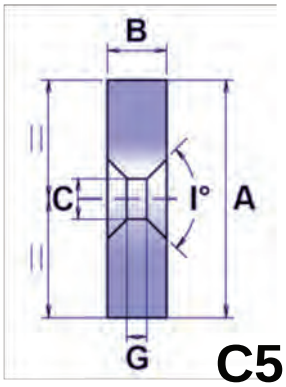
C2



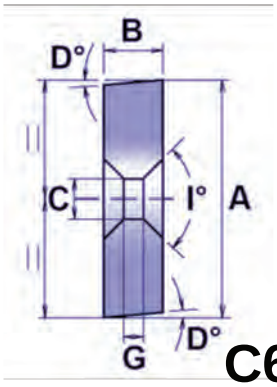
C3



C4

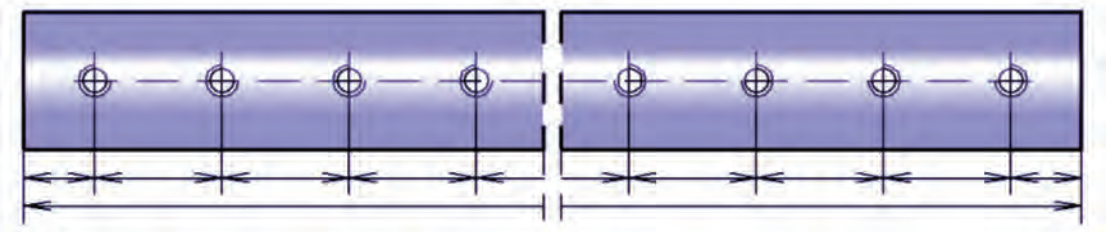


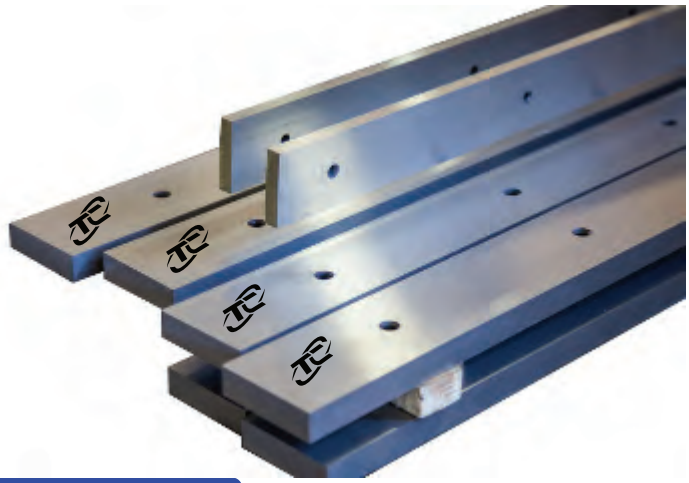
C5



C6

PUNTOS DE ANCLAJE
ANCHOR POINTS





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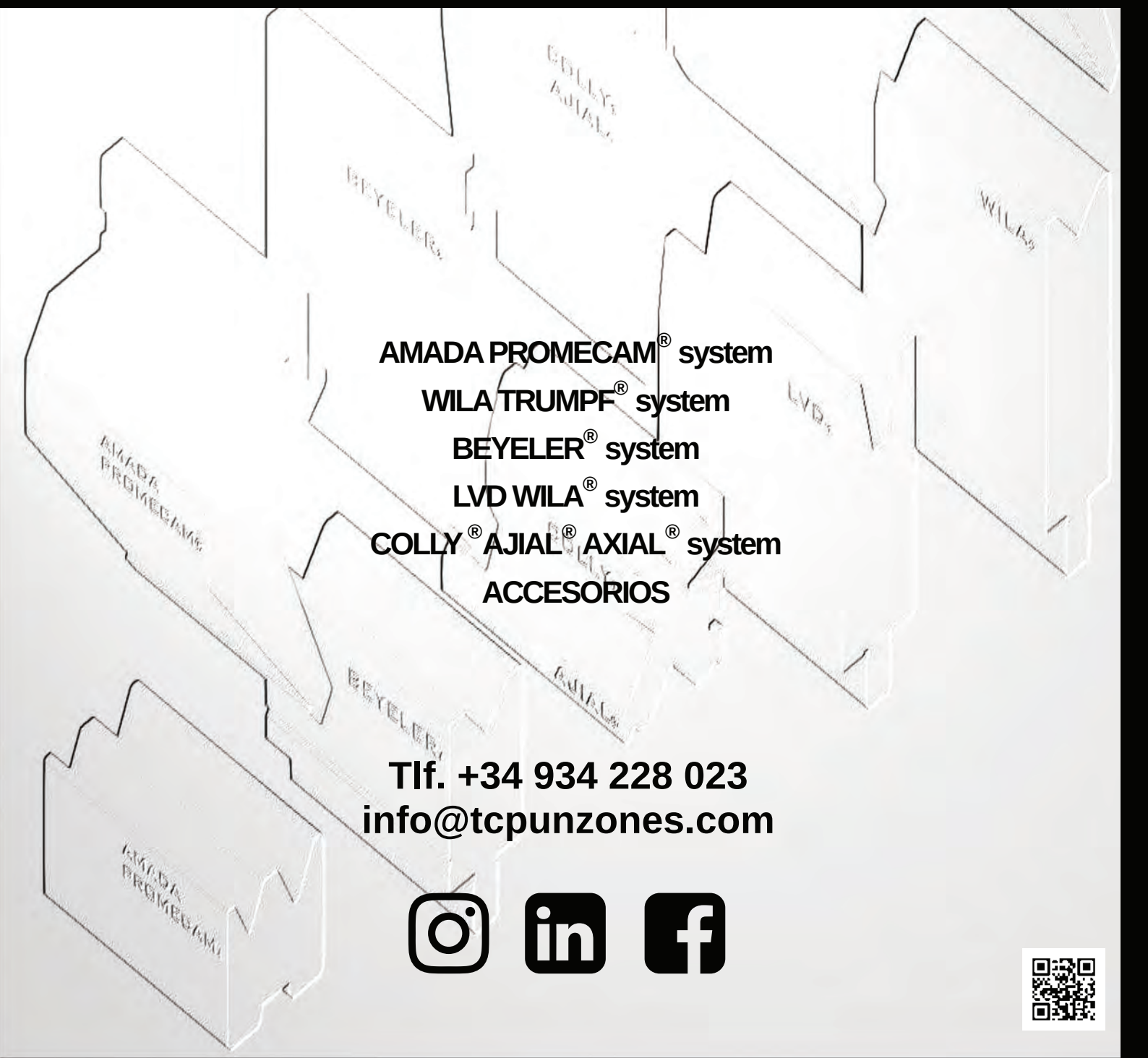

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