

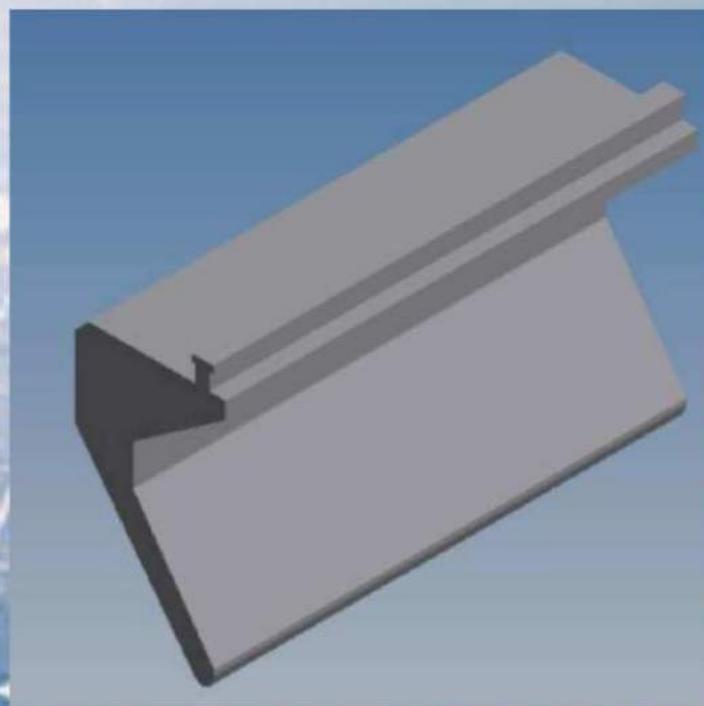


TOOLTECH Piotr Szoltysek Sp. J.
ul. Toszecka 102, lokal nr 605
44-117 Gliwice, Polska
Tel. kom.: +48 732-757-576
Email: biuro@tooltech.pl
www.tooltech.pl

Katalog narzędzi do pras krawędziowych.

Press brake tooling.
Abkantwerkzeuge.
Utensili per presse piegatrici.

2017

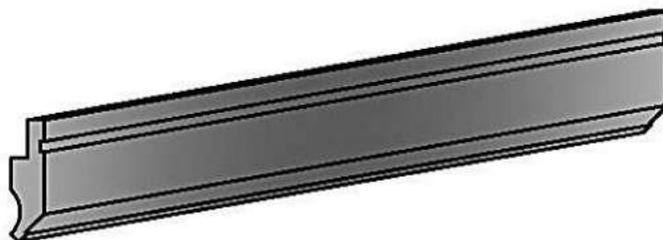


Spis treści / Content

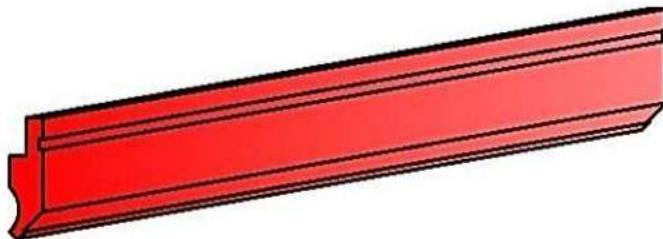
Kategorie / Categories	Strona/Page
<i>Tabela gięć / Bending scheme</i>	4
<i>Adaptory / Adapters</i>	5
<i>Klamry mocujące / Clamps</i>	11
<i>Adaptory matryc / Lower Adapters</i>	12
Amada - Promecam	
<i>Stemple / Punches</i>	13
<i>Matryce / Dies</i>	28
<i>Podstawy matryc / Die holders</i>	29
<i>Matryce "T" / "T" shape dies</i>	35
<i>Matryce wkładkowe i uchwyty / Die inserts and holders</i>	46
<i>Matryce zagniatające / Flattening dies (also pneumatic)</i>	48
<i>Zestaw do zagniatania / Flattening tools</i>	50
Beyeler	
<i>Stemple / Punches</i>	51
<i>Matryce / Dies</i>	60
<i>Zestaw do zagniatania / Flattening-hemming tool</i>	64
Wila / Trumpf	
<i>Stemple / Punches</i>	65
<i>Szybka wymiana / Quick exchange bottom</i>	66
<i>Matryce / Dies</i>	80
<i>Zestaw do zagniatania / Flattening-hemming tool</i>	97
LVD	
<i>Stemple / Punches</i>	100
<i>Matryce / Dies</i>	103
<i>Zestaw do zagniatania / Flattening-hemming tool</i>	115
Wila / LVD	
<i>Stemple / Punches</i>	116
<i>Zestaw do zagniatania / Flattening-hemming tool</i>	119
EHT	
<i>Stemple / Punches</i>	120
<i>Matryce / Dies</i>	123

Zestaw "Z" / "Z" tools	125
Weinbrenner	
Stemple / Punches	126
Matryce / Dies	130
Zestaw "Z" / "Z" tools	132
Colly	
Stemple / Punches	133
Matryce / Dies	137
Aksesoria / Accessories	
Uchwyty i wkłady "Z" / Joggle "Z" tool holders and inserts	140
Stemple promieniowe – uchwyty i wkłady / Radius holders and inserts	142
Uchwyty i wkładki poliuretanowe / Holders and inserts in polyurethane	145
Uchwyty i wkładki plastikowe / Holders and plastic inserts	146
Folia do gięcia bezśladowego / Bending foil	147
Szafy narzędziowe / Tooling cabinets	148
Narzędzia specjalne / Special tools	
Przykłady narzędzi specjalnych / Special tools - samples	149

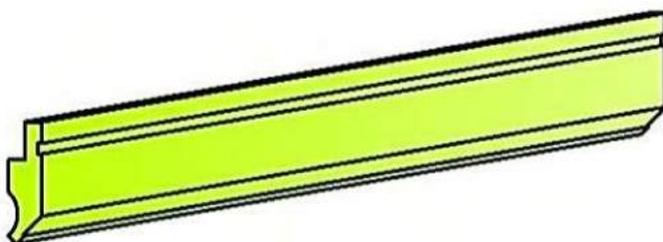
RODZAJE MATERIAŁÓW / TYPE OF MATERIALS



STEEL C45 (UNI 7845-78) INDUCTION TEMPERED 52/55 HRC ON WEAR PARTS



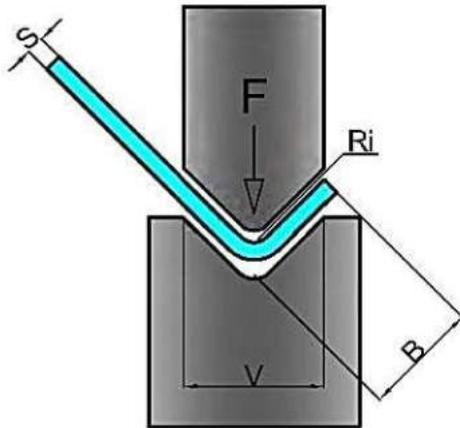
STEEL C45 (UNI 7845-78) HARDENED R=80-85 kg/mm² INDUCTION TEMPERED 52/55 HRC ON WEAR PARTS



STEEL 42CrMo4 (UNI EN 10083-93) HARDENED R=95-105 kg/mm² INDUCTION TEMPERED 52/55 HRC ON WEAR PARTS

TABELA GIĘĆ / BENDING SCHEME

KALKULATOR SIŁY PRZY GIĘCIU W POWIETRZU CALCULATION OF FORCE FOR AIR BENDING



S	Grubość materiału [mm] Sheet thickness [mm]
V	Otwarcie V V opening
F	Siła [T/m] Force [T/m]
B	Najkrótsza zaginana krawędź Shortest edge
Ri	Promień wewnętrzny blachy Inside radius
R	Aluminium 20 - 25 Kg/mm ²
R	Alluminium 20 - 25 Kg/mm ²
R	Blacha czarna 40 - 45 Kg/mm ²
R	Mild Steel 40 - 45 Kg/mm ²
R	Blacha nierdzewna 60 - 70 Kg/mm ²
R	Stainless Steel 60 - 70 Kg/mm ²

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

CHART BY BENDING IN THE AIR - for 90° air bending, sheet resistance R = 45kg/mm²

S	6	8	10	12	16	20	25	32	40	50	63	80	100	125	160	200	250	V	
mm	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	
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	17	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			
20													270	215	170	135	108		

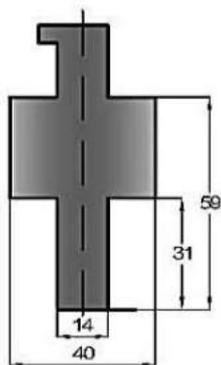
F
t/m

MODYFIKACJE / RETROFITING

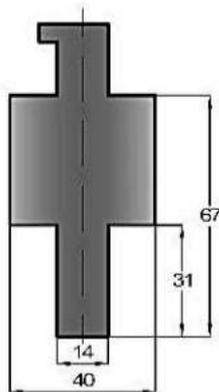
Adaptory do wszystkich typów pras krawędziowych do stosowania narzędzi typu Amada-Promecam

ADAPTORS TO FIT AMADA - PROMECAM TOOLS SUITABLE FOR ANY TYPE OF PRESS BRAKE

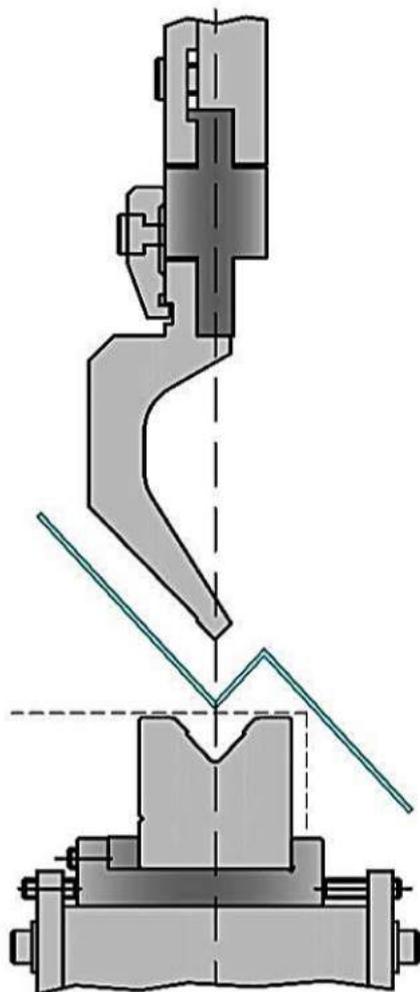
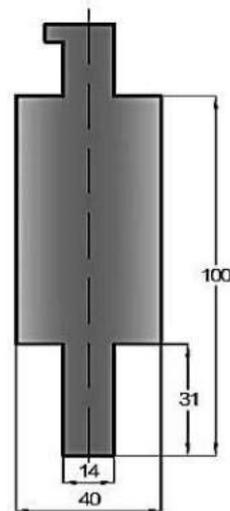
Cod.40.000 100 T/m



Cod.40.010 100 T/m

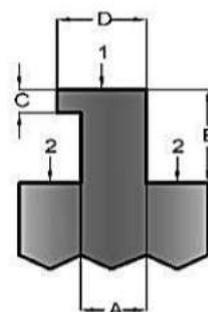


Cod.40.020 100 T/m



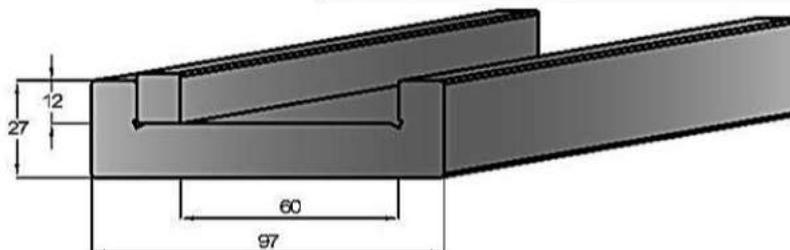
PLEASE SPECIFY DIMENSION OF HEAD AND PRESSURE POINTS

	1	2
A =		
B =		
C =		
D =		



HOLDER

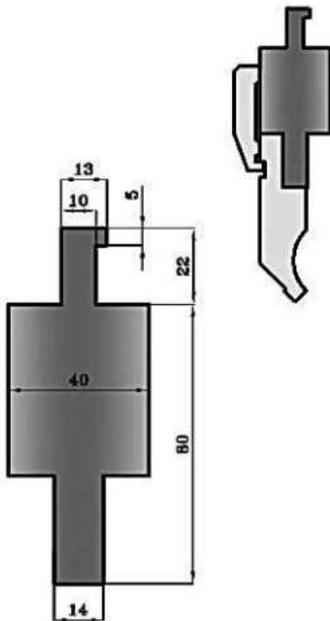
Cod.	L	Max T/m
90.099	1050	100
90.100	2100	100



ADAPTERY / ADAPTERS

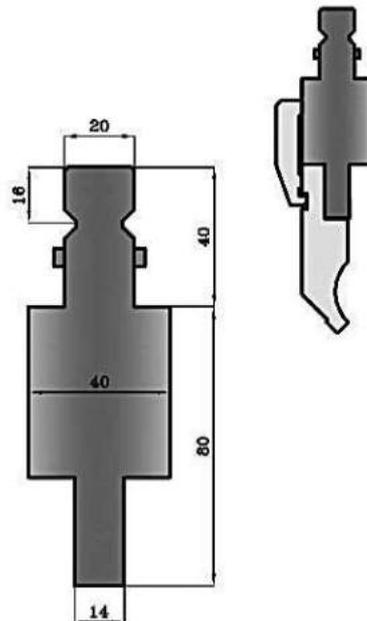
LVD

Cod. 41.430 L = 150 mm



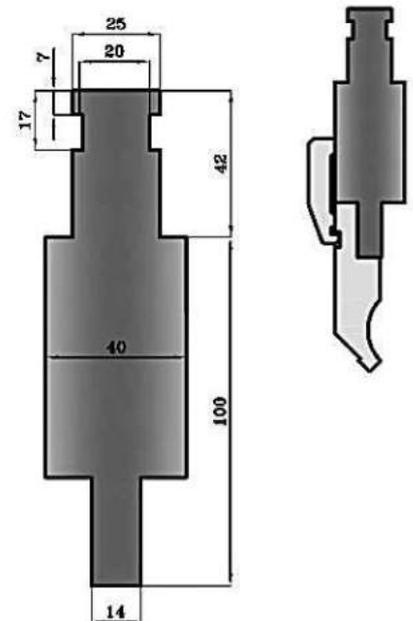
WILA/TRUMPF

Cod. 41.910 L = 150 mm



WEINBRENNER

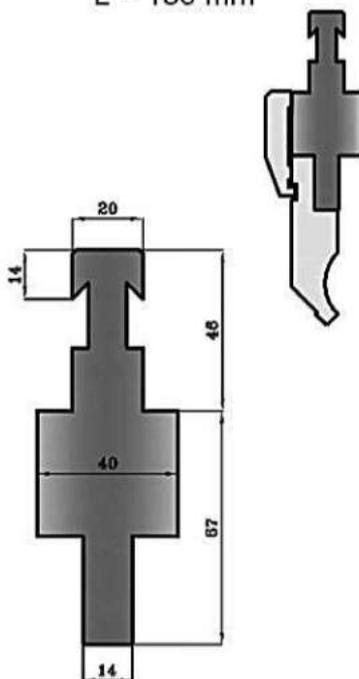
Cod. 42.150 L = 150 mm



BEYELER - R

Cod. 41.920 L = 150 mm

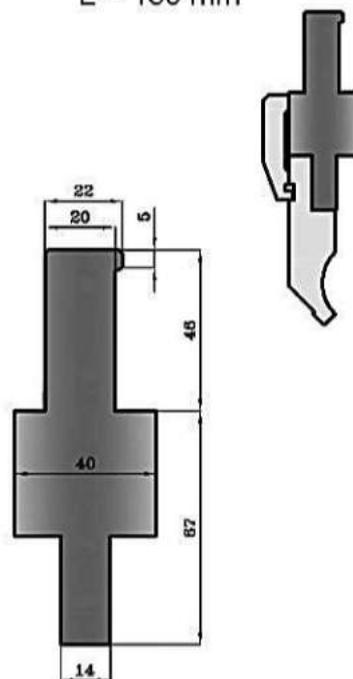
L = 150 mm



BEYELER - S

Cod. 41.930 L = 150 mm

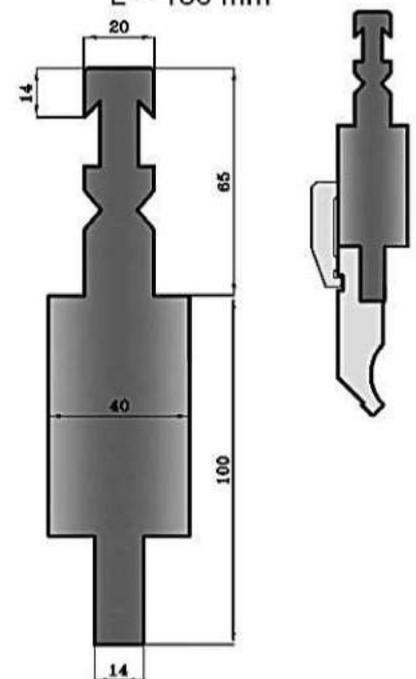
L = 150 mm



BEYELER - RFA

Cod. 42.140 L = 150 mm

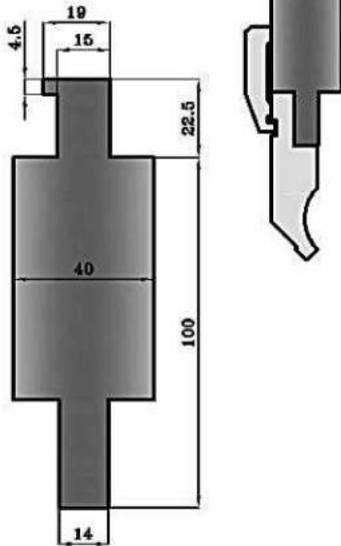
L = 150 mm



ADAPTERY / ADAPTERS

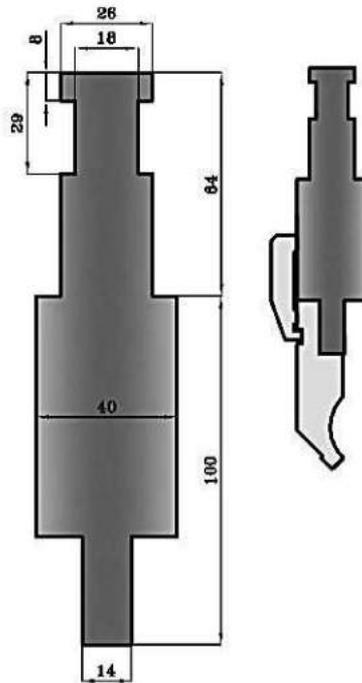
CBC

Cod. 42.160 L = 150 mm



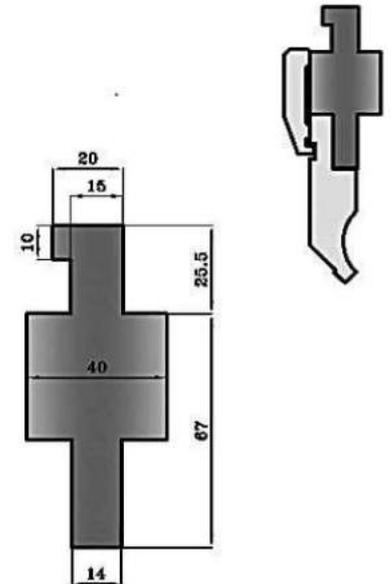
EHT

Cod. 42.170 L = 150 mm



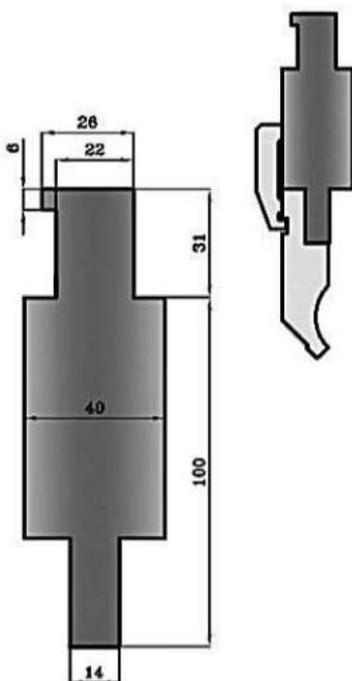
DURMAZLAR

Cod. 42.180 L = 150 mm



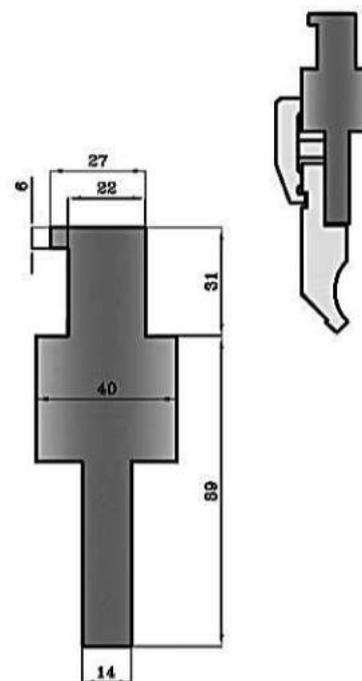
DARLEY

Cod. 42.290 L = 150 mm



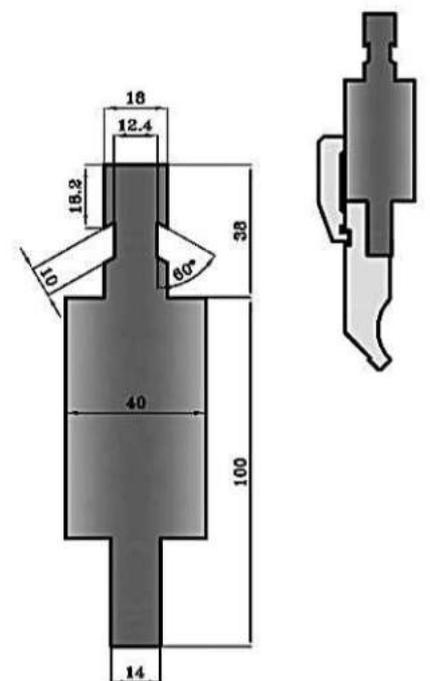
BAYKAL

Cod. 42.720 L = 150 mm



COLGAR

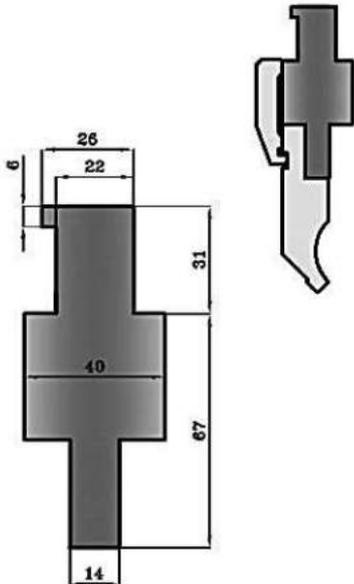
Cod. 42.730 L = 150 mm



ADAPTERY / ADAPTERS

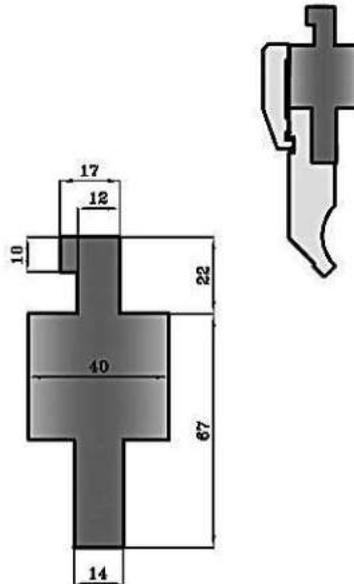
DARLEY

Cod. 42.731 L = 150 mm



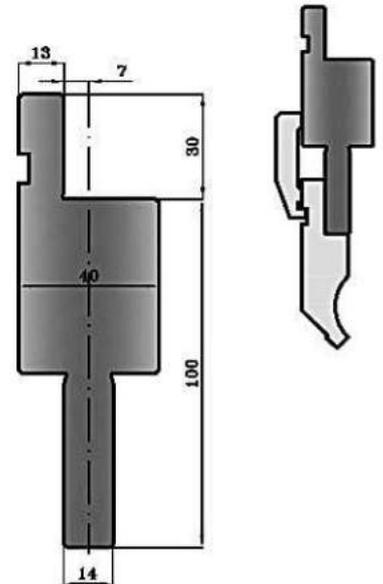
HACO

Cod. 42.732 L = 150 mm



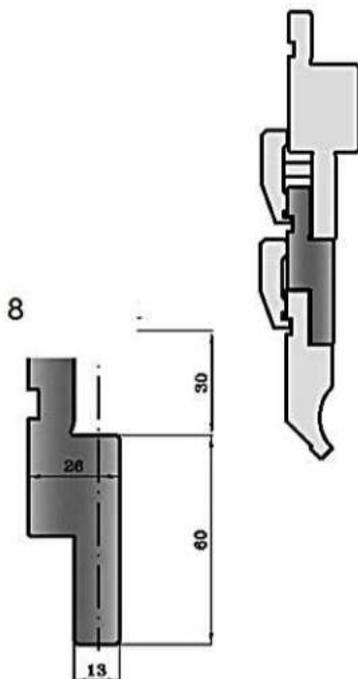
Not adjustable intermediate

Cod. 42.733 L = 150 mm



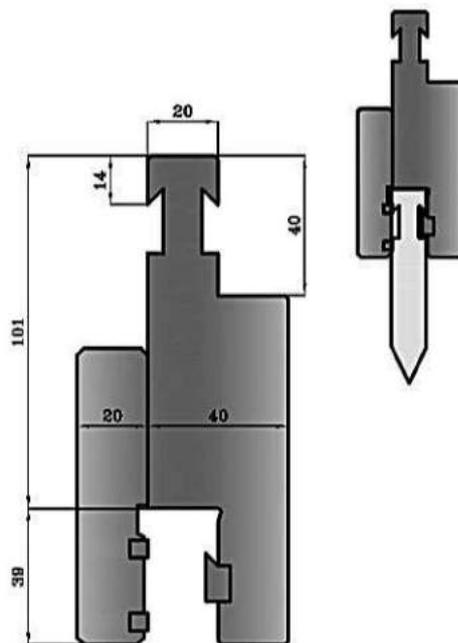
Prolunga / Extension

Cod. 42.734 L = 150 mm



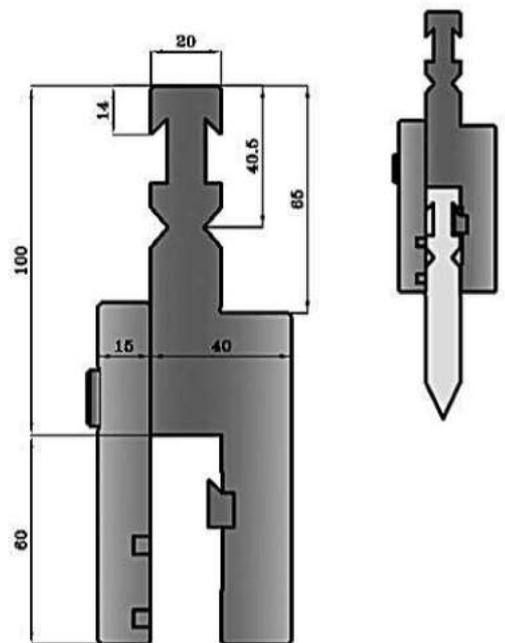
BEYELER-R Extension

Cod. 42.735 L = 150 mm



BEYELER-RFA Extension

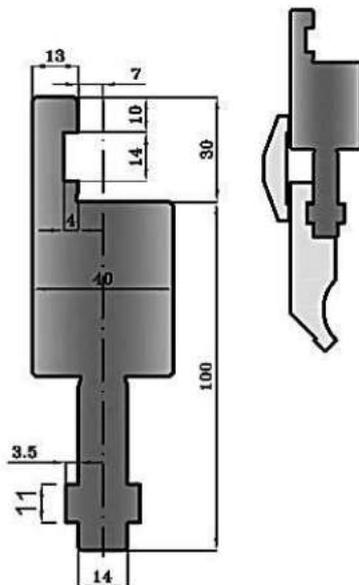
Cod. 42.736 L = 150 mm



ADAPTERY / ADAPTERS

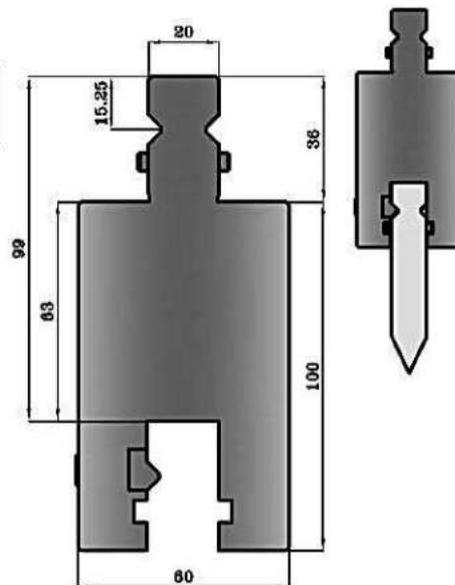
BEYELER Extension

Cod. 42.737 L = 150 mm



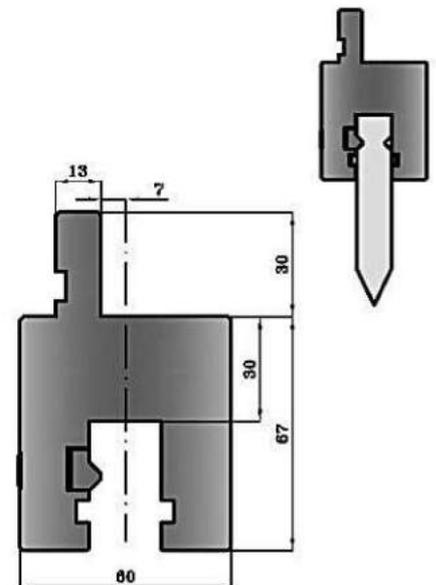
WILA-TRUMPF Extension

Cod. 42.738 L = 150 mm



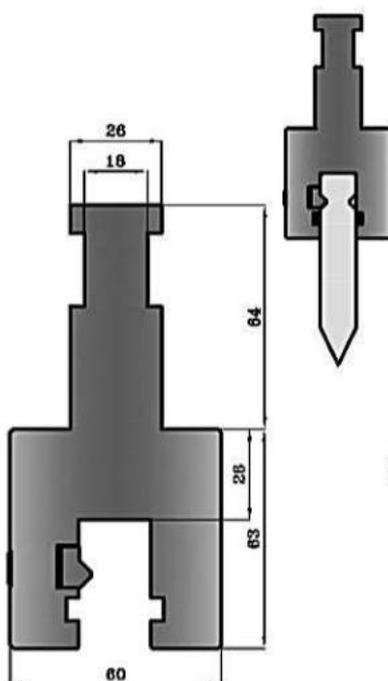
AMADA / WILA-TRUMPF

Cod. 42.739 L = 150 mm



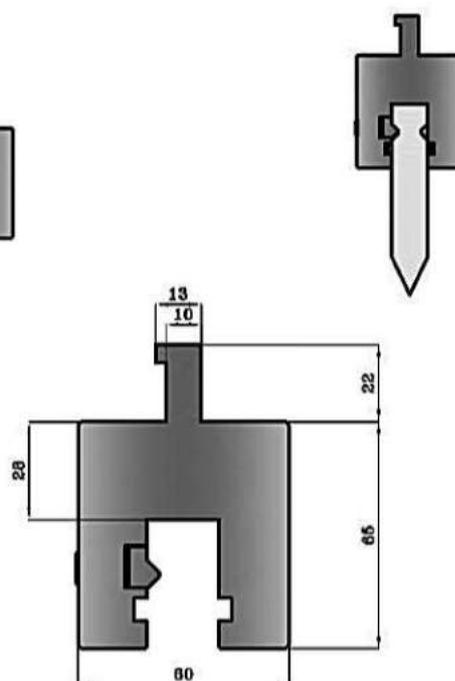
EHT / WILA-TRUMPF

Cod. 42.721 L = 150 mm



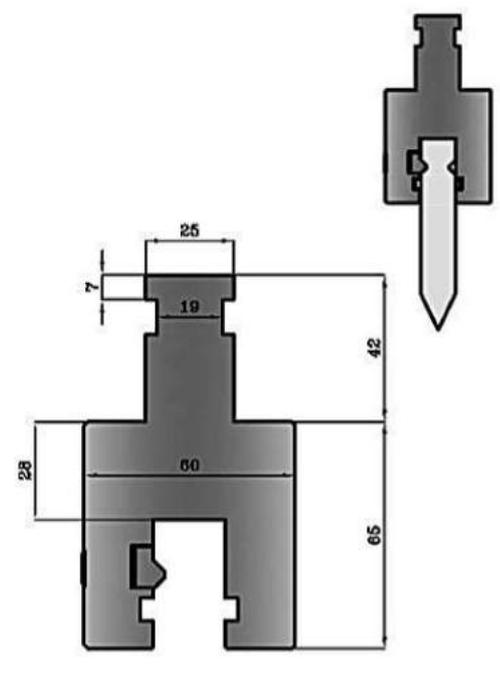
LVD / WILA-TRUMPF

Cod. 42.722 L = 150 mm



WEINBRENNER / WILA-TRUMPF

Cod. 42.723 L = 150 mm

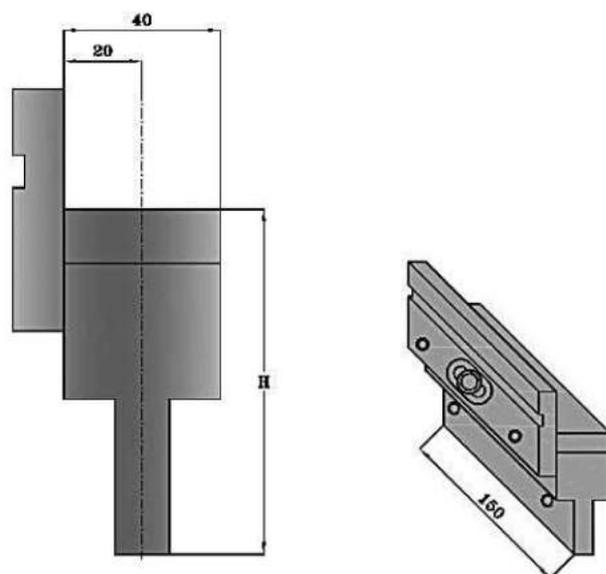
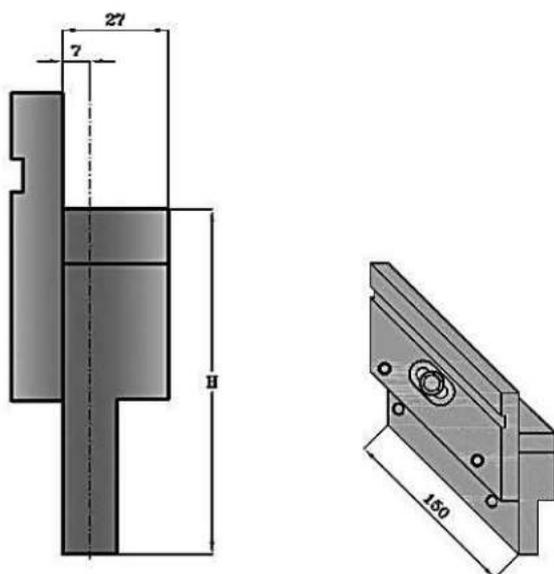


ADAPTERY PRZEDŁUŻAJĄCE / ADAPTERS

Adjustable intermediates

Cod. 42.210	H = 100 mm	3.8kg
Cod. 42.220	H = 120 mm	4.8kg
Cod. 42.230	H = 150 mm	5.8kg

Cod. 42.240	H = 100 mm	3.5kg
Cod. 42.250	H = 120 mm	4.5kg



KLAMRY MOCUJĄCE / CLAMPS

Cod.40.160	H = 50 mm	0.4kg
Cod.50.130	H = 43 mm	0.4kg

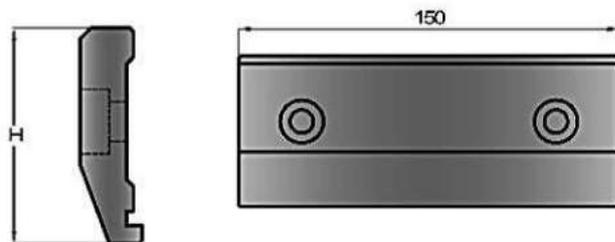
Klamra / Clamp



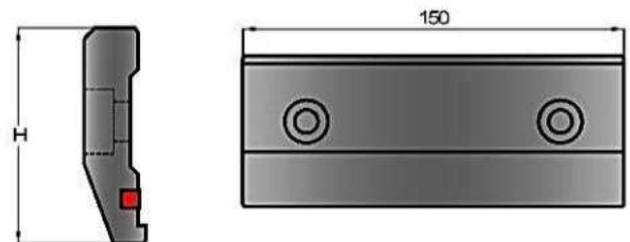
Cod.40.200	H = 60 mm	0.8kg
Cod.50.120	H = 52 mm	0.8kg

Cod.41.990	H = 60 mm	0.8kg
------------	-----------	-------

Klamra / Safety clamp



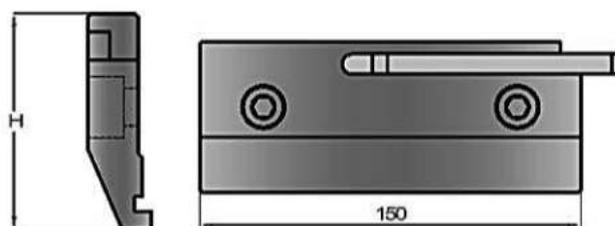
Klamra z wkładką poliuretanową
Safety Clamp with poliurethane



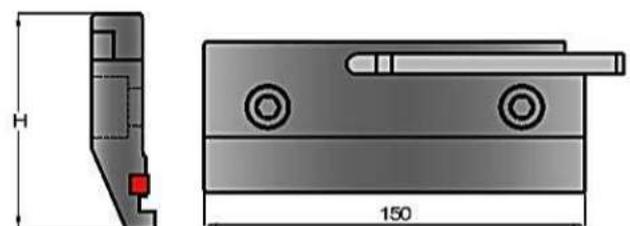
Cod.40.090	H = 60 mm	0.8kg
------------	-----------	-------

Cod.42.200	H = 60 mm	0.8kg
------------	-----------	-------

Klamra z rączką / Quick clamp



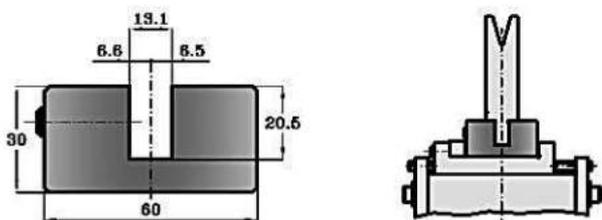
Klamra z rączką z poliuretanową wkładką
Quick clamp with poliurethane



ADAPTERY MATRYC / LOWER ADAPTERS

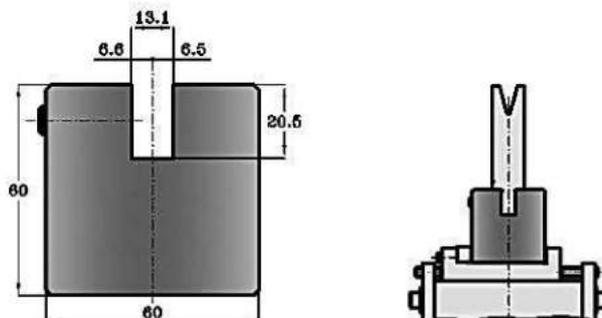
Cod. 43.010 L = 1000 mm
L = 500 mm

AMADA-BEYELER/TRUMPF



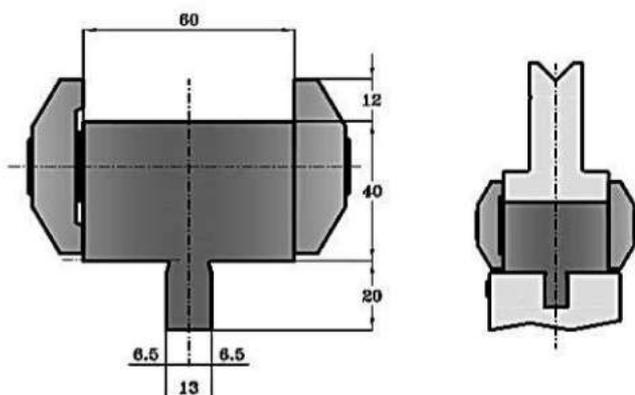
Cod. 43.020 L = 1000 mm
L = 500 mm

AMADA-BEYELER/TRUMPF



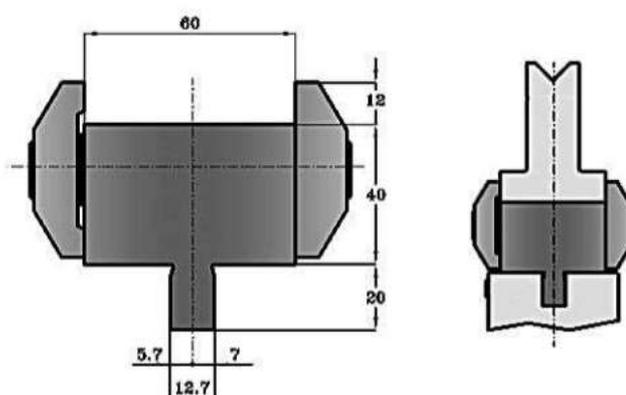
Cod. 43.030 L = 835 mm
L = 415 mm

BEYELER/TRUMPF-AMADA



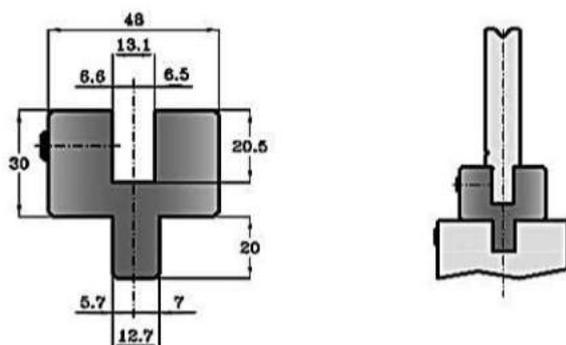
Cod. 43.040 L = 835 mm
L = 415 mm

LVD - AMADA



Cod. 43.050 L = 1000 mm
L = 500 mm

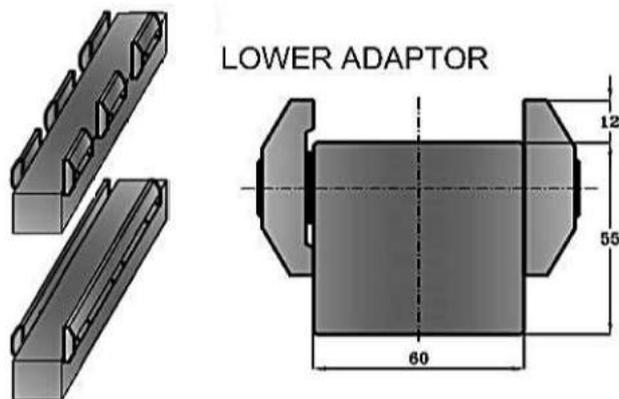
LVD - BEYELER/TRUMPF



Cod. 40.330 L = 835 mm 22kg

Cod. 40.500 L = 835 mm 28kg

LOWER ADAPTOR

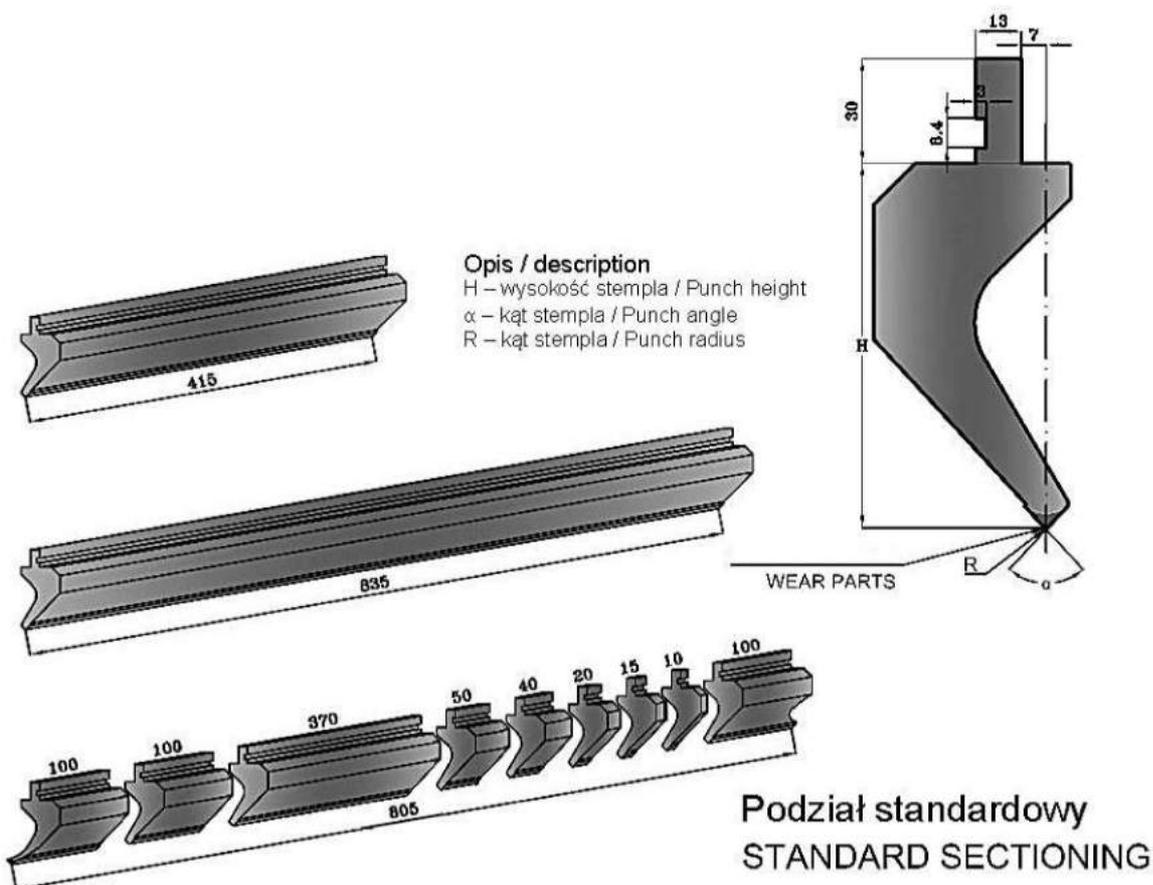


STEMPLE / PUNCHES

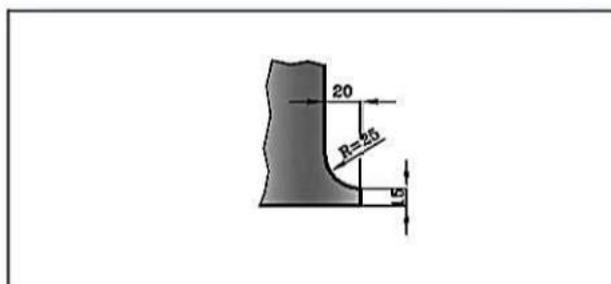
Amada - Promecam

Stemple są dostępne w następujących odcinkach standardowych: 835mm, 415mm i dzielony 805mm;

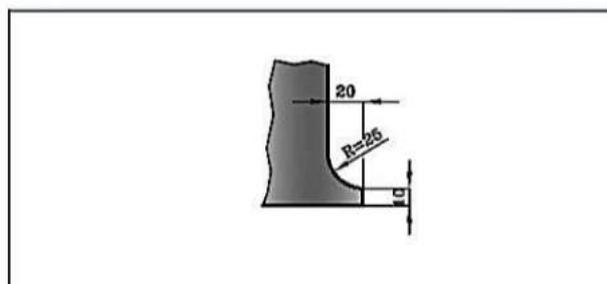
THE PUNCHES ARE AVAILABLE IN THE FOLLOWING STANDARD LENGTHS: 415 mm ; 835 mm AND SECTIONED 805 mm



Standardowy dzielony



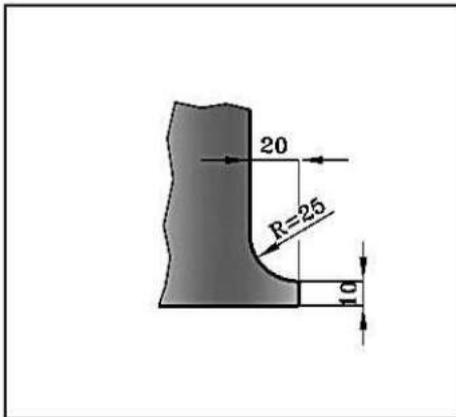
Standardowy



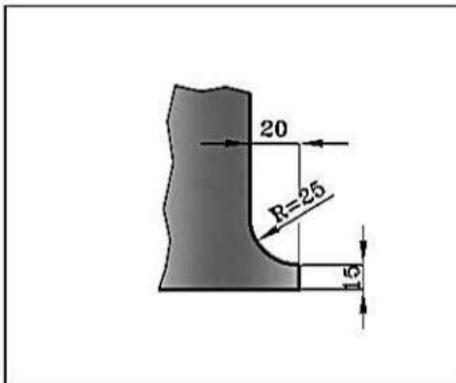
STEMPLE / PUNCHES

Amada - Promecam

HORNS SCHEME STANDARD SECTIONING



10.260	10.160	11.740	10.810
10.270	10.170	11.730	10.830
10.100	10.180	10.600	12.690
10.110	11.720	10.610	10.840
10.120	12.670	10.620	12.700
10.640	12.680	11.630	10.306
10.650	10.480	11.910	10.305
11.770	10.490	11.620	11.750
12.600	12.630	12.710	11.760
10.101	12.640	10.300	11.900
10.130	10.280	10.310	12.910
10.140	10.290	10.630	13.010
10.150	12.610	12.810	10.530
12.650	12.620	10.820	10.540
12.660	12.720	10.800	



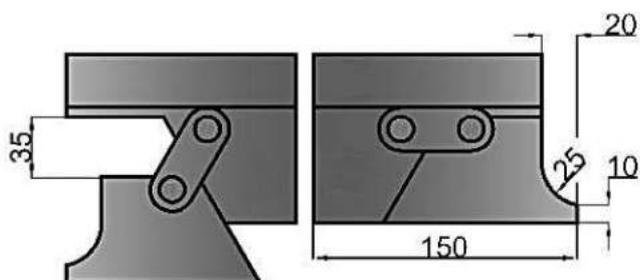
10.320	11.780
10.190	11.920
10.200	12.830
10.570	12.930
10.350	12.840
10.470	12.920
12.820	10.301
10.860	10.302
10.240	10.303
10.250	10.304
10.560	10.330
11.930	10.340
10.520	12.890
10.550	11.940

STEMPLE / PUNCHES

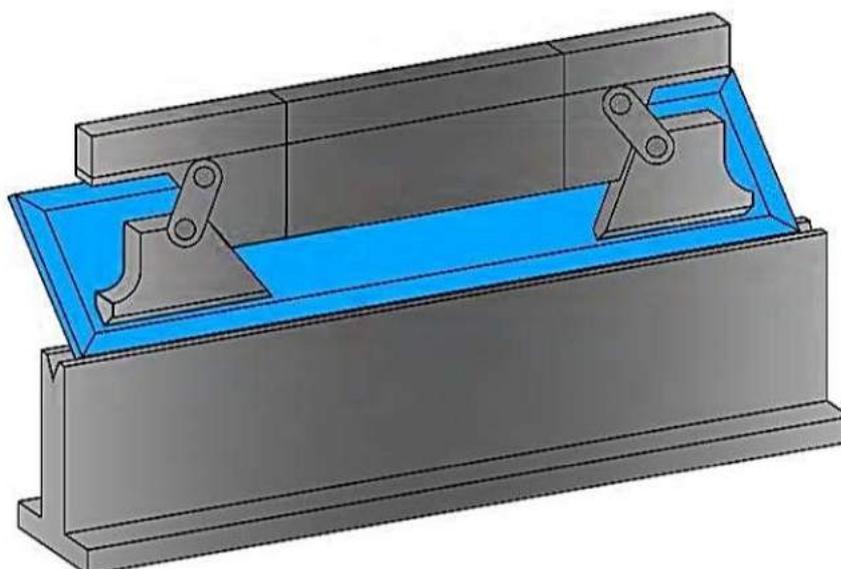
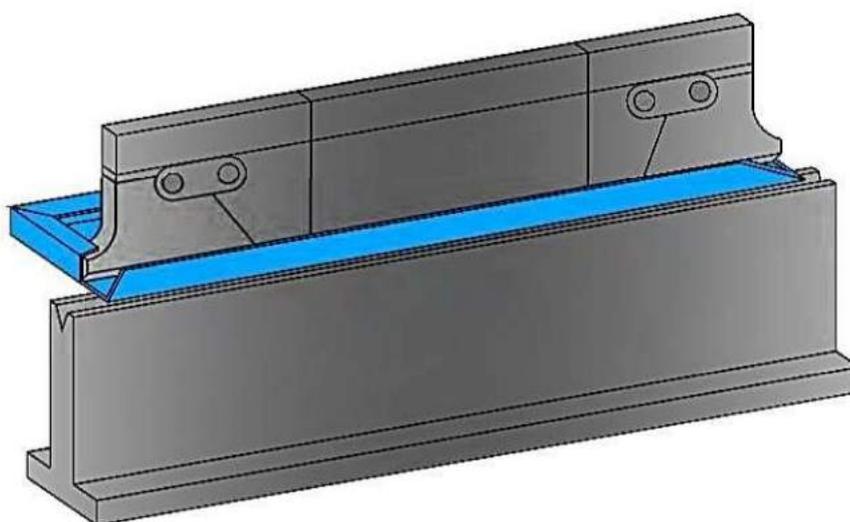
Amada - Promecam

Ruchome naroża w połączeniu z wybranymi modelami

MOVING HORNS FOR COUPLING WITH LISTED MODELS



CODE MOVING HORNS	CODE PUNCH
10.100S	10.100
10.110S	10.110
10.640S	10.640
10.650S	10.650

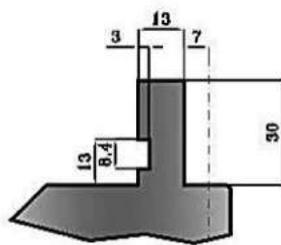


STEMPLE / PUNCHES

Amada - Promecam

Mocowania stempli
SAFETY GROOVES

Mocowania standardowe / standard grooves

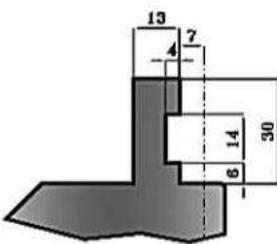


Cod. 80.120

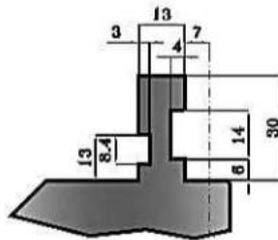


Cod. 80.201

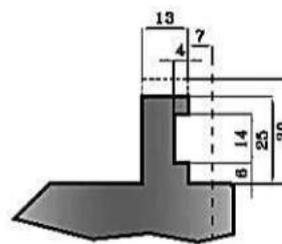
Mocowania niestandardowe / grooves on request



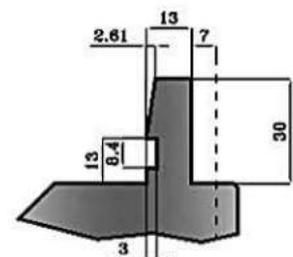
Cod. 80.180



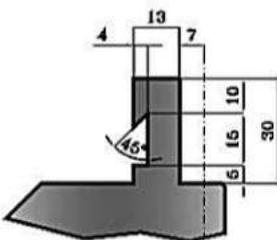
Cod. 80.170



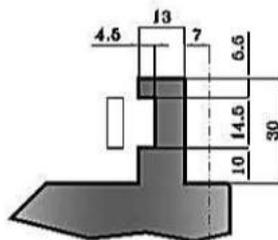
Cod. 80.160



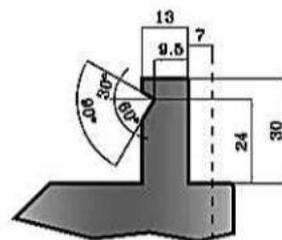
Cod. 80.200



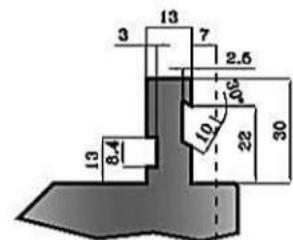
Cod. 80.130



Cod. 80.100



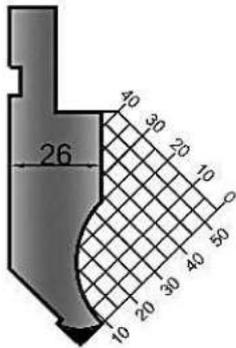
Cod. 80.110



Cod. 80.140

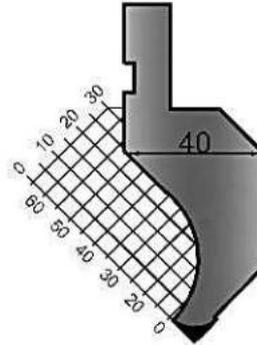
STEMPLE / PUNCHES

Amada - Promecam



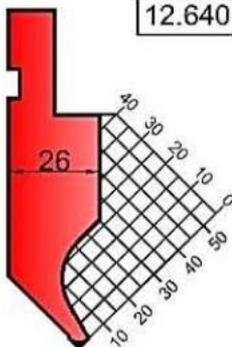
Cod.	α	R	H	Max T/mt
10.100	90°	0.80	66.65	100
10.110	88°	0.80	66.65	100
10.120	88°	3.00	65.50	100
10.640	90°	0.25	66.60	100
10.650	88°	0.25	66.60	100
11.770	85°	3.00	65.50	100
12.600	85°	0.80	66.60	100
10.101	85°	0.25	66.50	100

90° 88° 85°



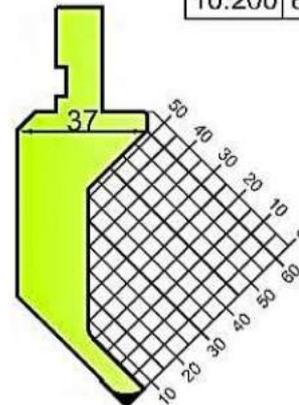
Cod.	α	R	H	Max T/mt
10.800	90°	0.80	66.65	60
10.810	88°	0.80	66.65	60

90° 88°



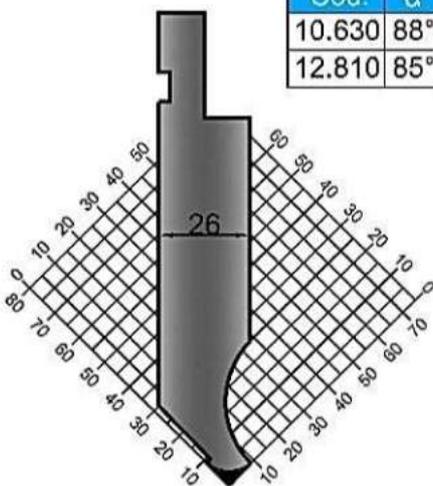
Cod.	α	R	H	Max T/mt
10.480	90°	0.60	66.40	35
10.490	88°	0.60	66.40	35
12.630	90°	0.25	66.35	35
12.640	88°	0.25	66.35	35

90° 88°



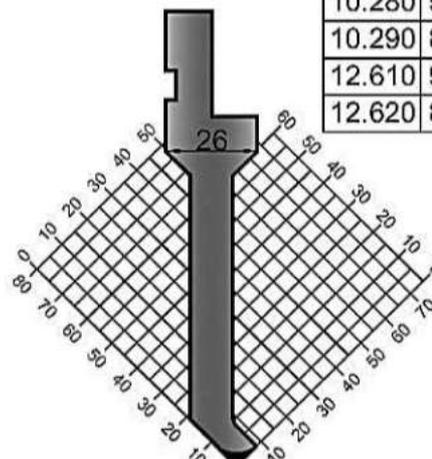
Cod.	α	R	H	Max T/mt
10.190	90°	0.60	84.15	20
10.200	88°	0.60	84.15	20

90° 88°



Cod.	α	R	H	Max T/mt
10.630	88°	0.80	104.65	100
12.810	85°	0.80	104.65	100

88° 85°



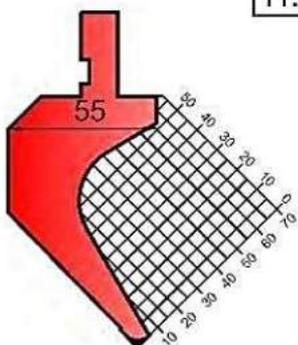
Cod.	α	R	H	Max T/mt
10.280	90°	0.60	99.40	50
10.290	88°	0.60	99.40	50
12.610	90°	0.25	99.35	50
12.620	88°	0.25	99.35	50

90° 88°

STEMPLE / PUNCHES

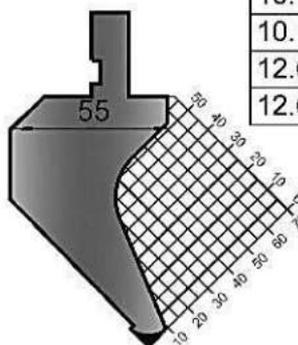
Amada - Promecam

Cod.	α	R	H	Max T/mt
11.760	90°	0.25	89.88	50
11.750	88°	0.80	89.65	50



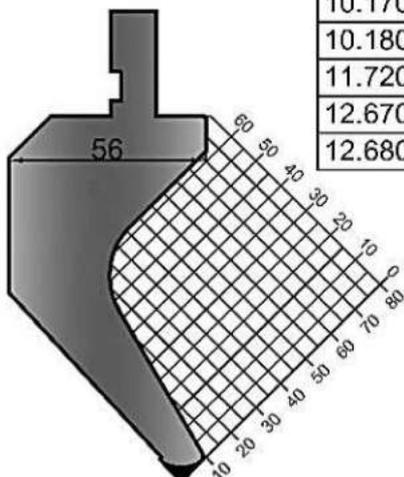
90° 88°

Cod.	α	R	H	Max T/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



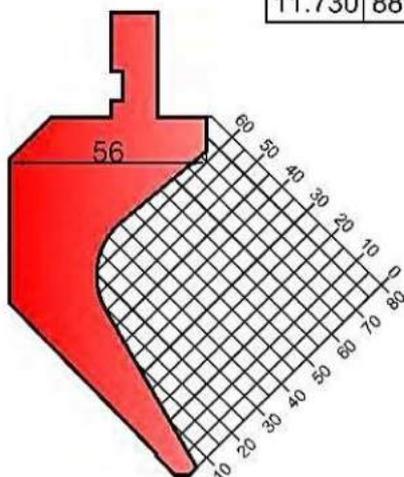
90° 88°

Cod.	α	R	H	Max T/mt
10.160	90°	0.80	104.65	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



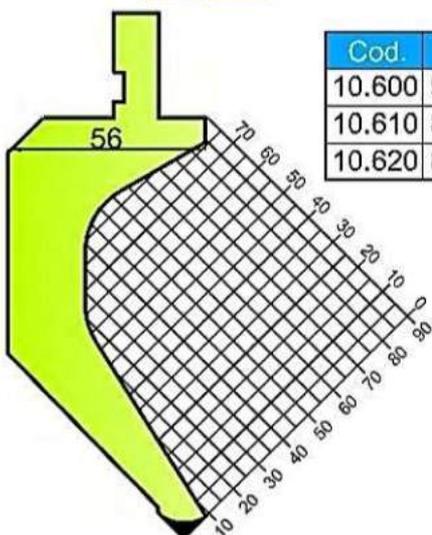
90° 88°

Cod.	α	R	H	Max T/mt
11.740	90°	0.25	104.88	50
11.730	88°	0.80	104.65	50



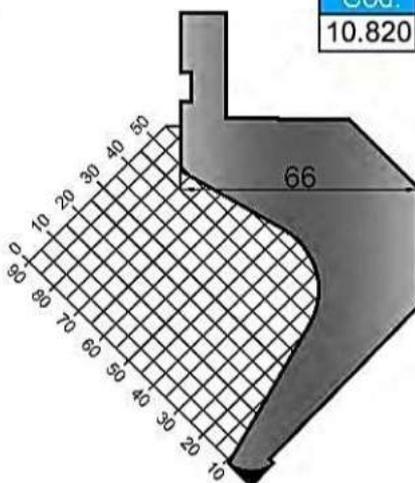
90° 88°

Cod.	α	R	H	Max T/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



90° 88°

Cod.	α	R	H	Max T/mt
10.820	88°	0.80	104.65	45



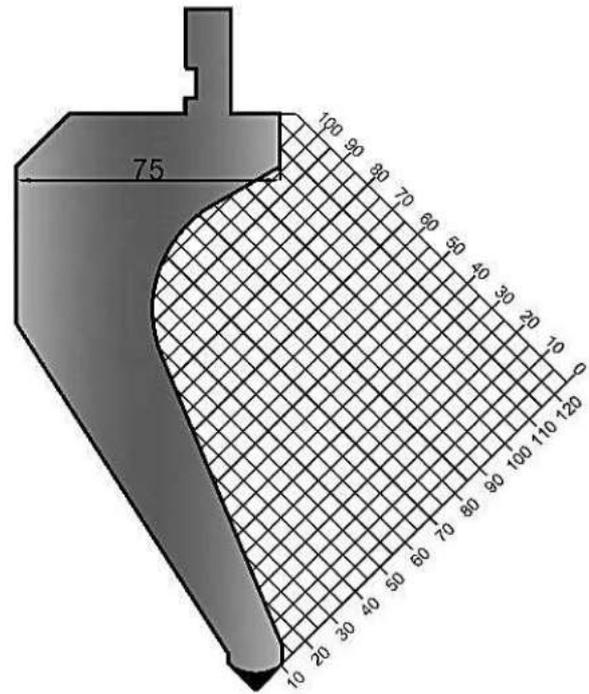
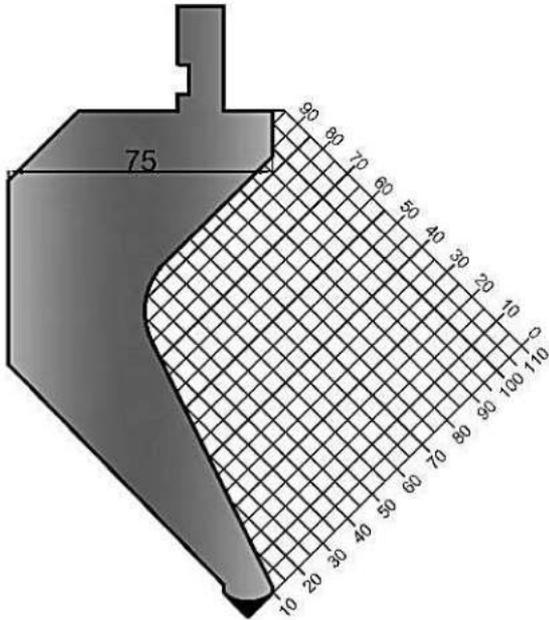
88°

STEMPLE / PUNCHES

Amada - Promecam

Cod.	α	R	H	Max T/mt
10.300	88°	0.80	145.00	80

Cod.	α	R	H	Max T/mt
10.310	88°	0.80	165.00	60



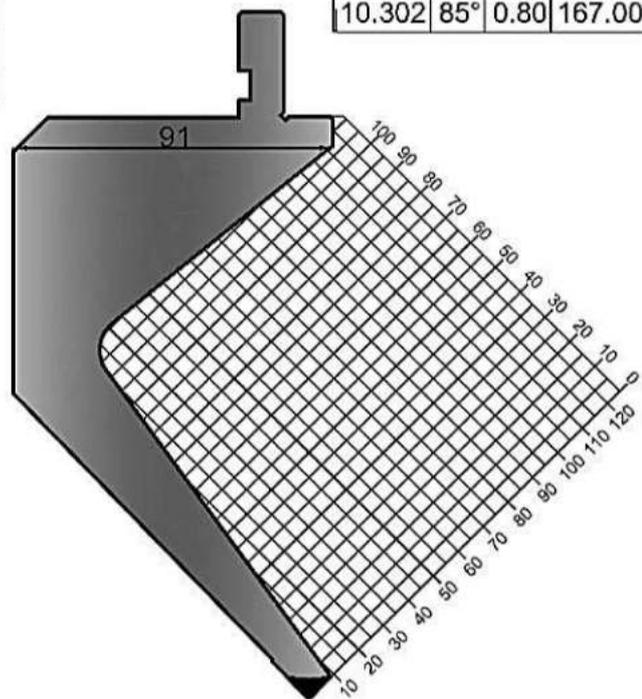
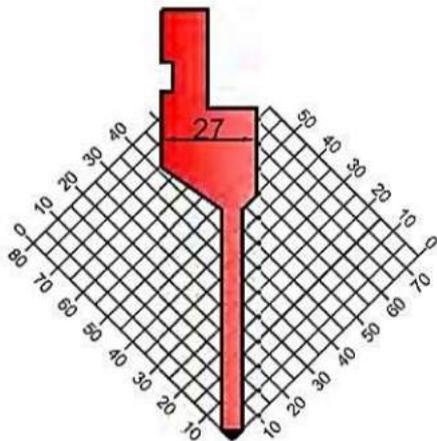
88°

88°

Cod.	α	R	H	Max T/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

Cod.	α	R	H	Max T/mt
10.301	88°	0.60	167.00	30
10.302	85°	0.80	167.00	30

SECTIONABLE



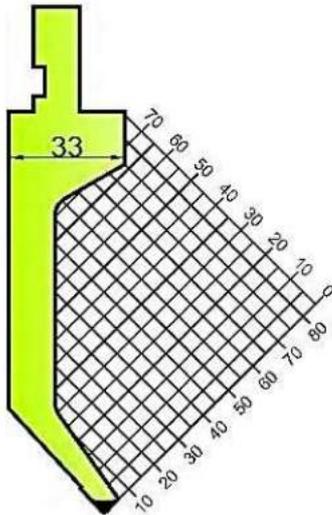
90° 88°

88° 85°

STEMPLE / PUNCHES

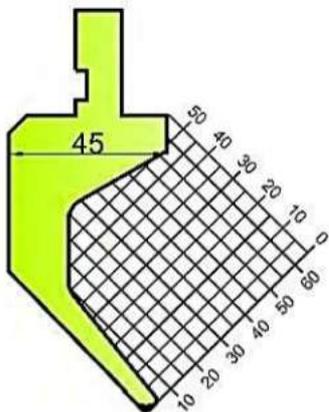
Amada - Promecam

Cod.	α	R	H	Max T/mł
10.303	85°	0.60	115.00	20



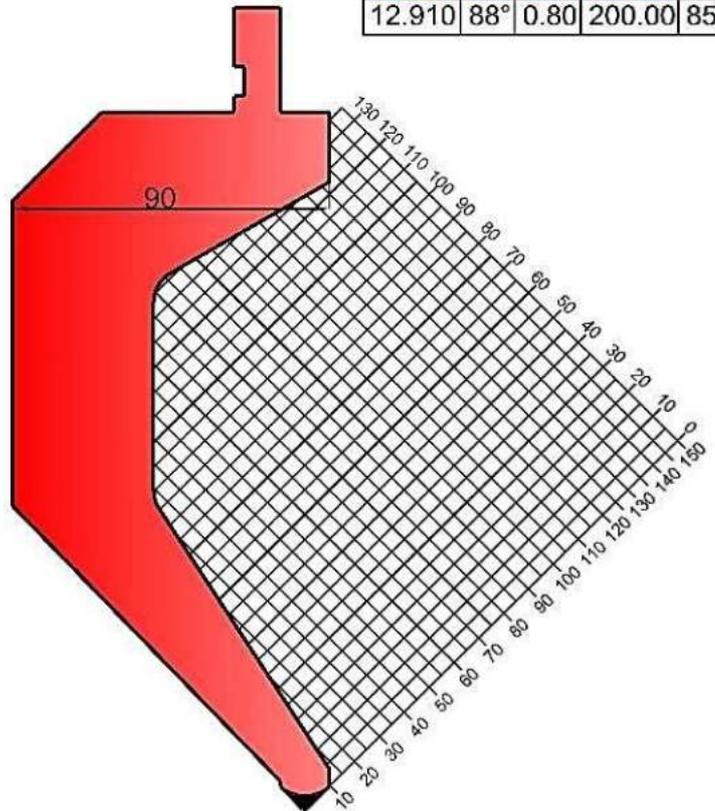
85°

Cod.	α	R	H	Max T/mł
10.304	88°	0.60	85.00	15



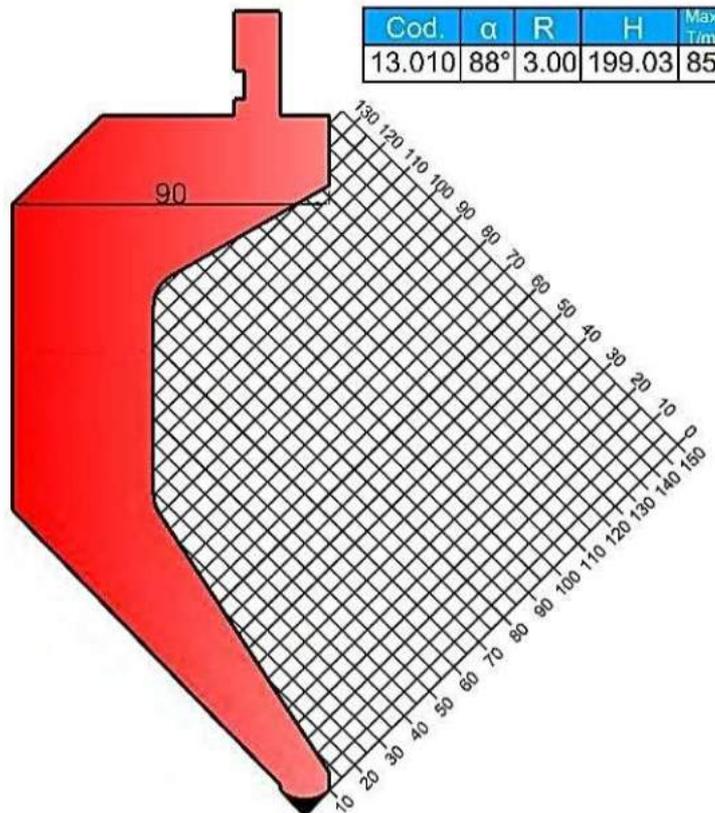
88°

Cod.	α	R	H	Max T/mł
12.910	88°	0.80	200.00	85



88°

Cod.	α	R	H	Max T/mł
13.010	88°	3.00	199.03	85



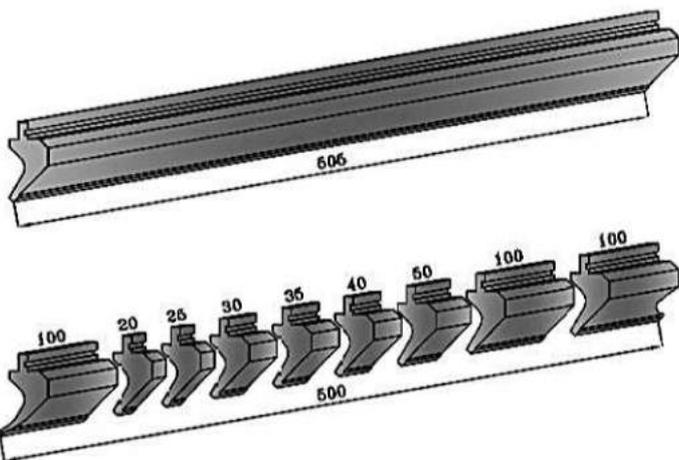
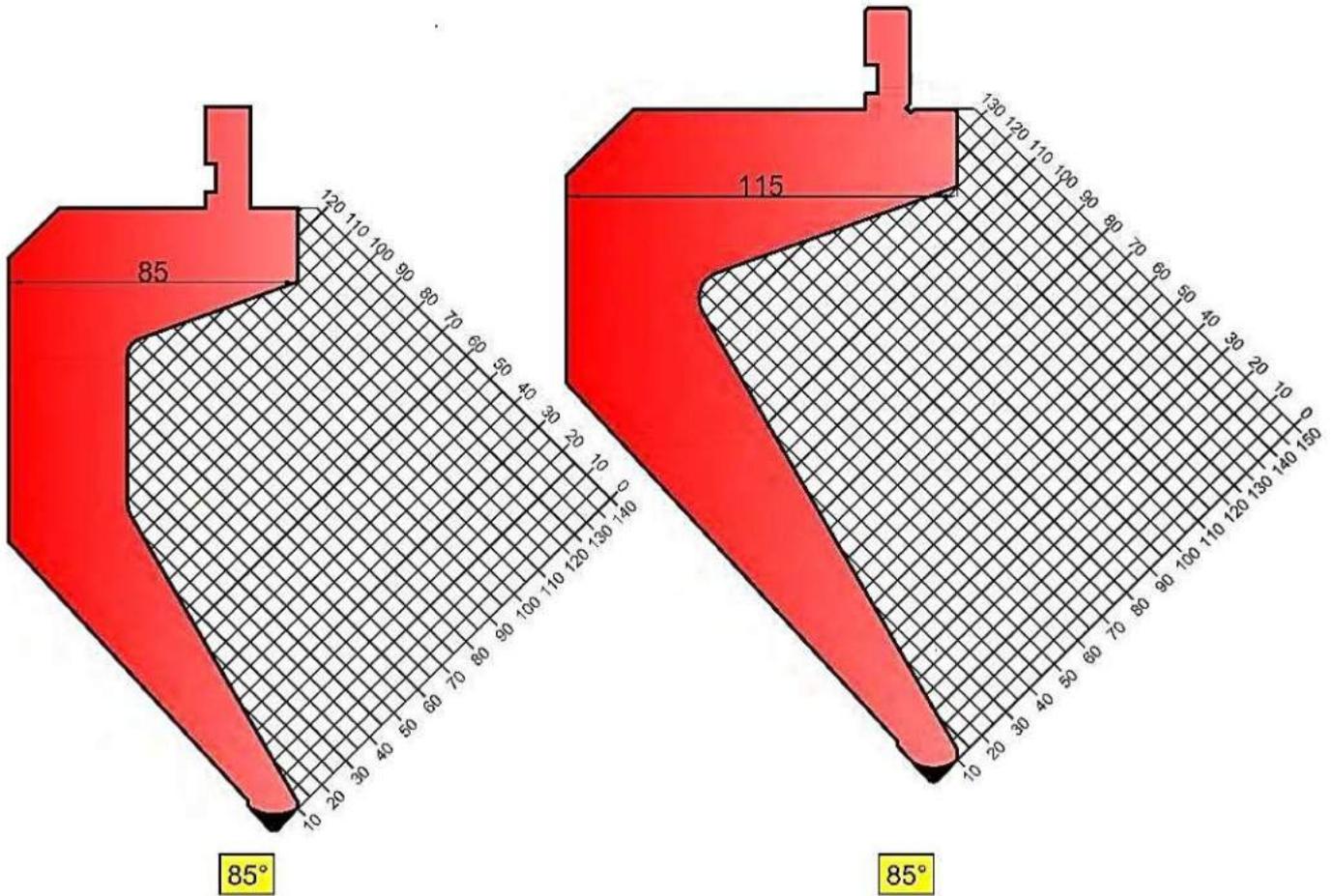
88°

STEMPLE / PUNCHES

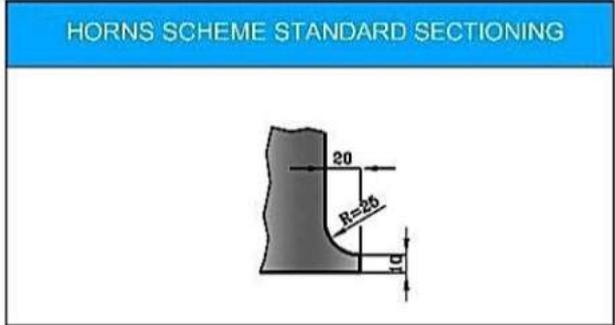
Amada - Promecam

Cod.	α	R	H	Max T/mł
10.305	85°	1.00	185.00	60

Cod.	α	R	H	Max T/mł
10.306	85°	1.00	200.00	70

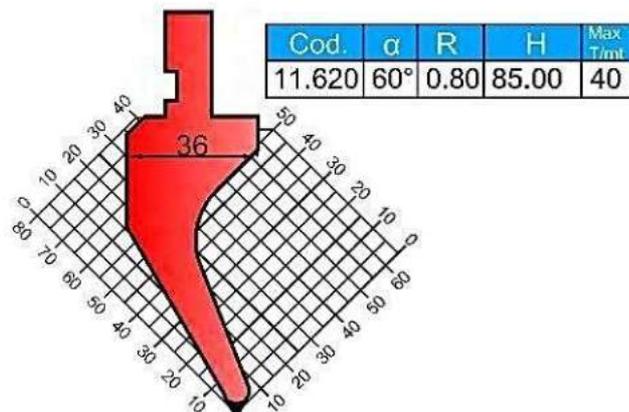
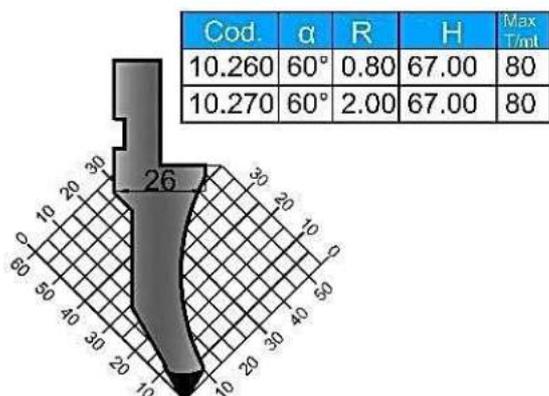


Podział standardowy
STANDARD SECTIONING



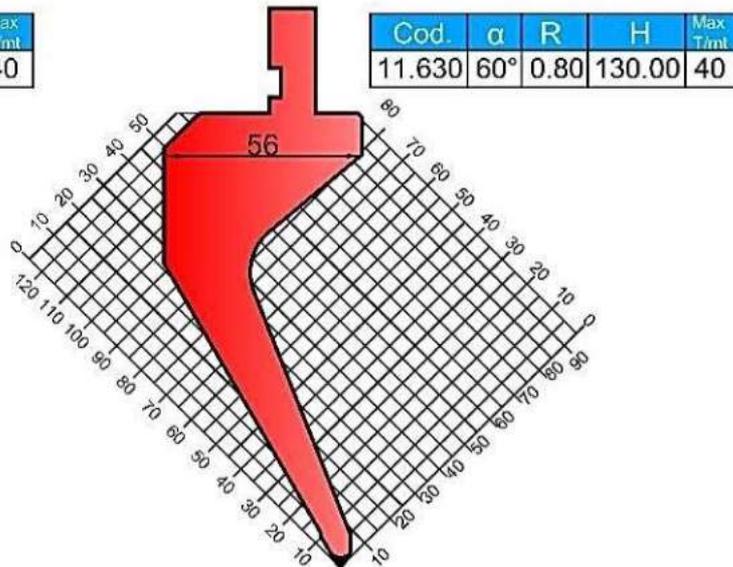
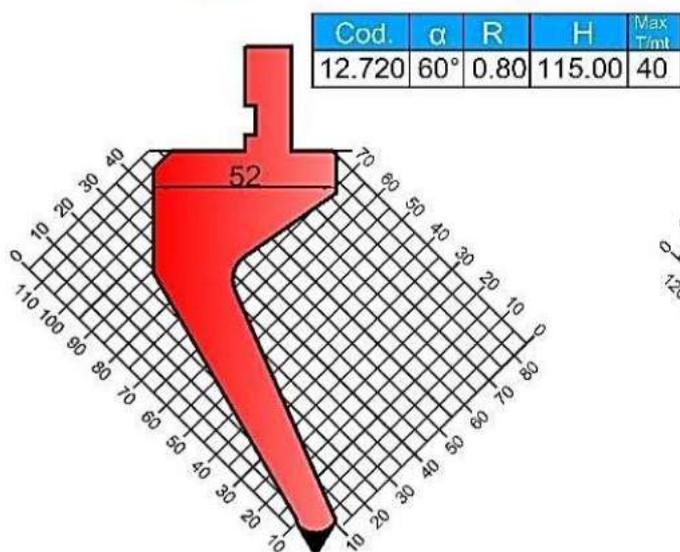
STEMPLE / PUNCHES

Amada - Promecam



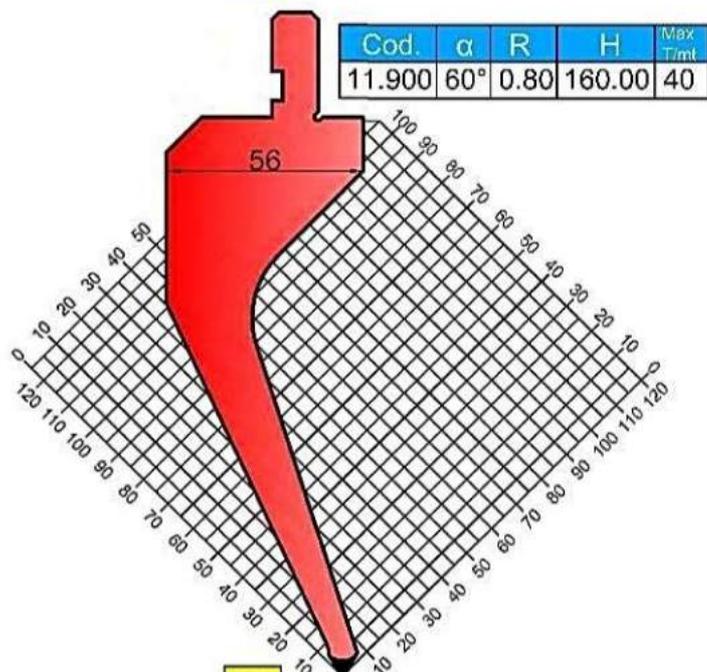
60°

60°



60°

60°



SECTIONABLE

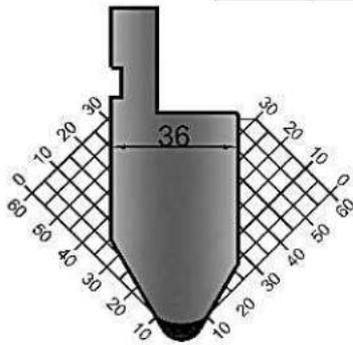
60°

60°

STEMPLE / PUNCHES

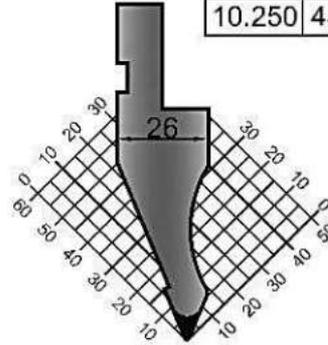
Amada - Promecam

Cod.	α	R	H	Max T/mł
10.320	60°	6.00	65.00	100



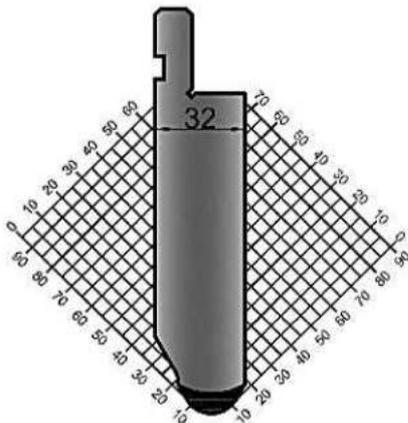
60°

Cod.	α	R	H	Max T/mł
10.240	45°	0.50	66.40	80
10.250	45°	1.50	65.20	80



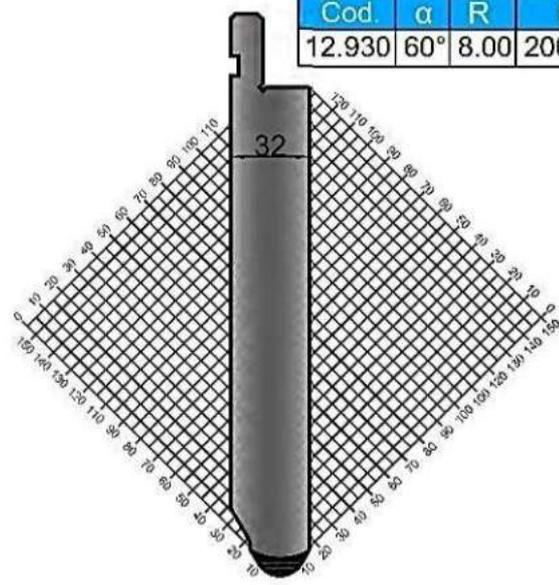
45°

Cod.	α	R	H	Max T/mł
12.830	60°	10.0	115.00	100



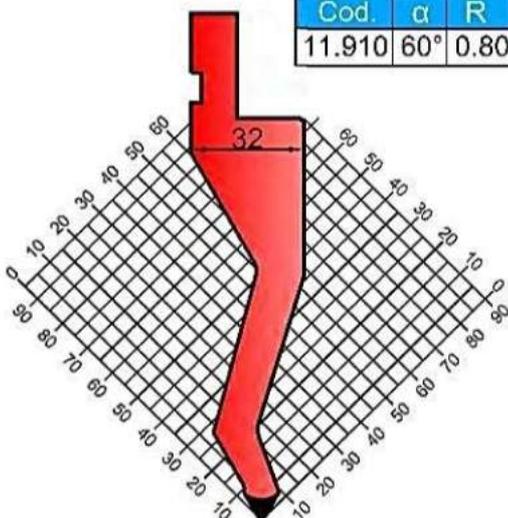
60°

Cod.	α	R	H	Max T/mł
12.930	60°	8.00	200.00	100



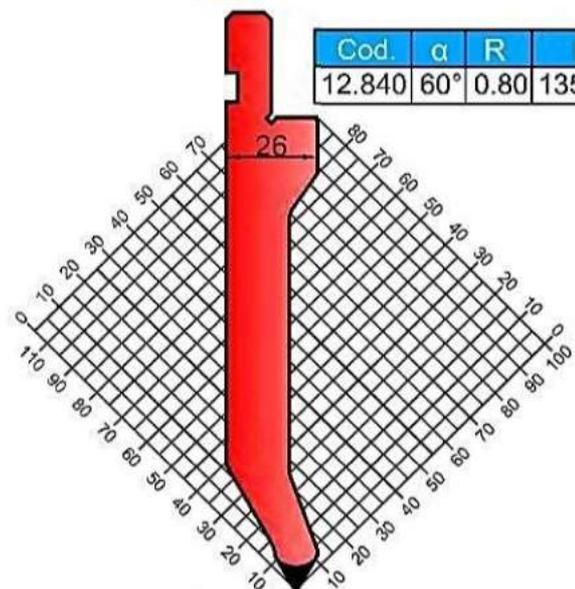
60°

Cod.	α	R	H	Max T/mł
11.910	60°	0.80	115.00	60



60°

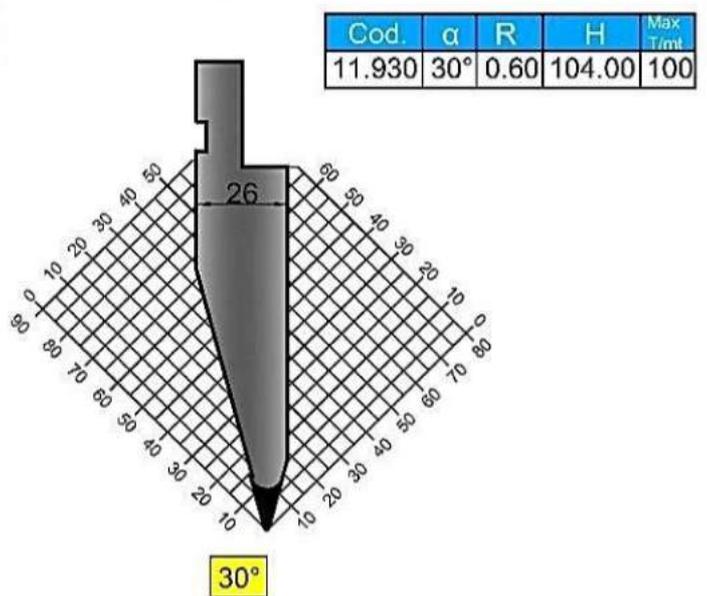
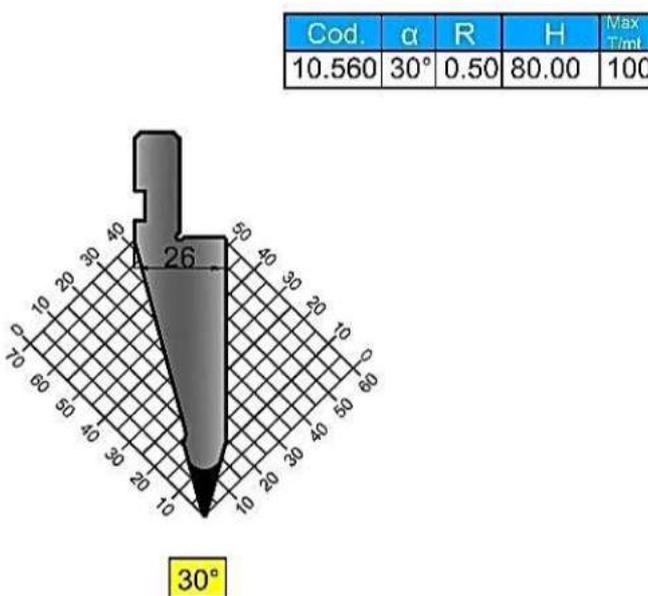
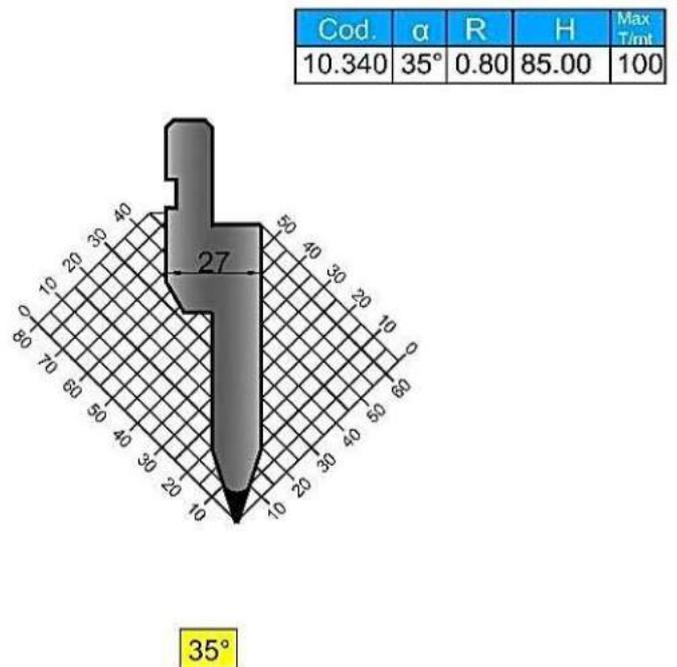
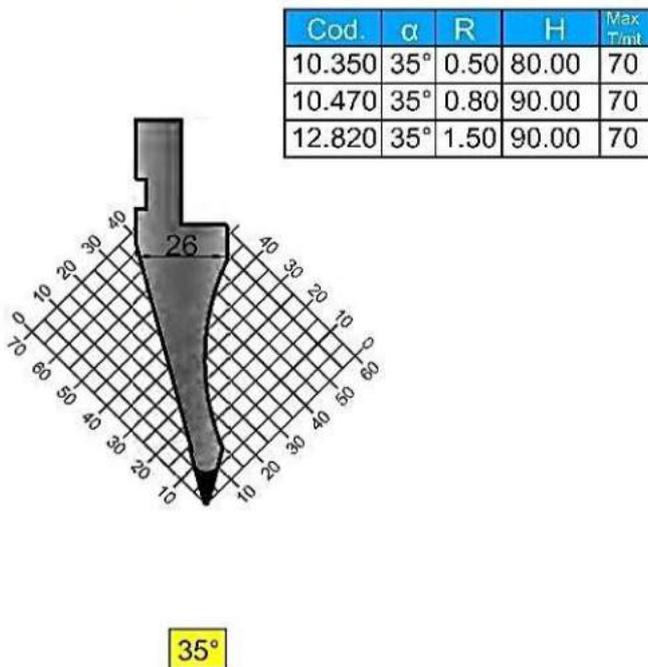
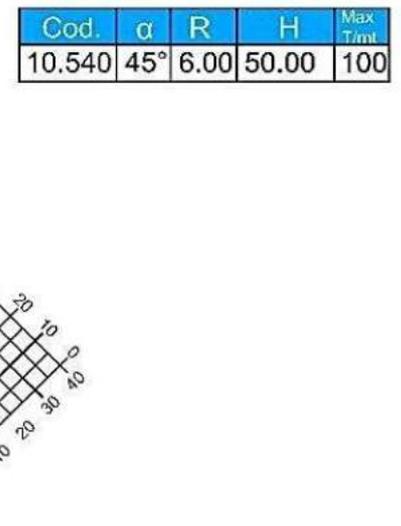
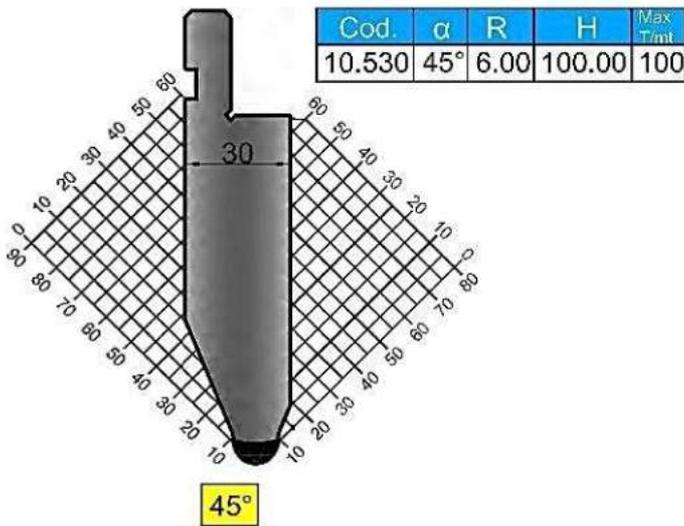
Cod.	α	R	H	Max T/mł
12.840	60°	0.80	135.00	70



60°

STEMPLE / PUNCHES

Amada - Promecam

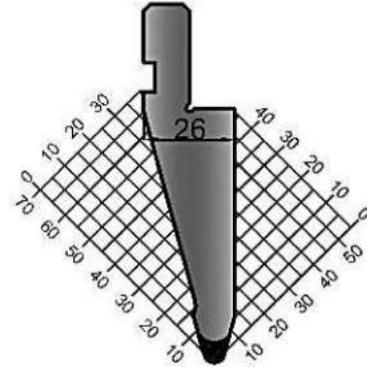
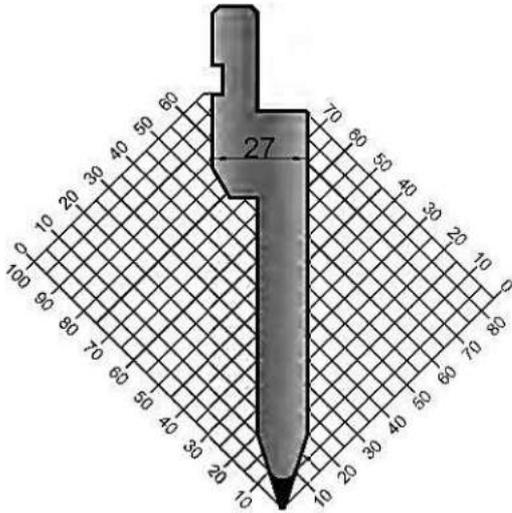


STEMPLE / PUNCHES

Amada - Promecam

Cod.	α	R	H	Max T/mt
10.330	26°	0.80	117.00	100

Cod.	α	R	H	Max T/mt
10.570	30°	3.00	80.00	100

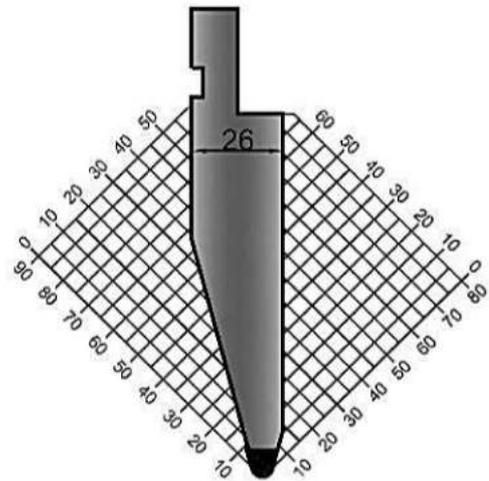
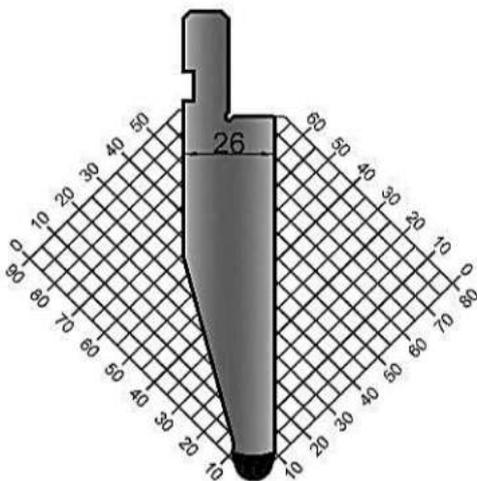


26°

30°

Cod.	α	R	H	Max T/mt
11.940	30°	5.00	104.00	100

Cod.	α	R	H	Max T/mt
12.890	30°	3.00	104.00	100



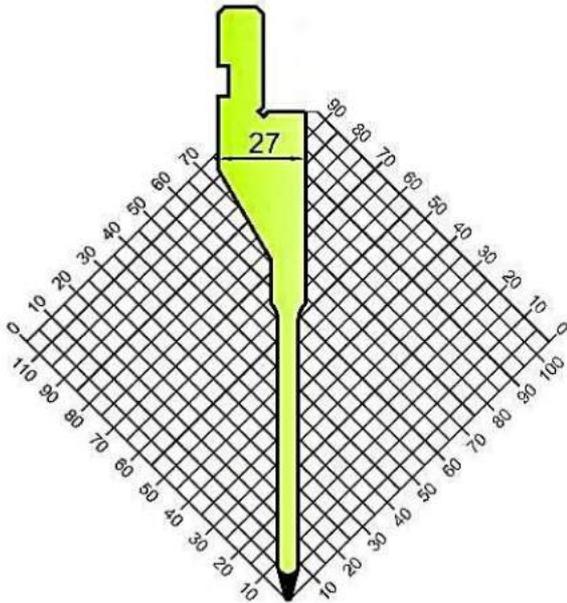
30°

30°

STEMPLE / PUNCHES

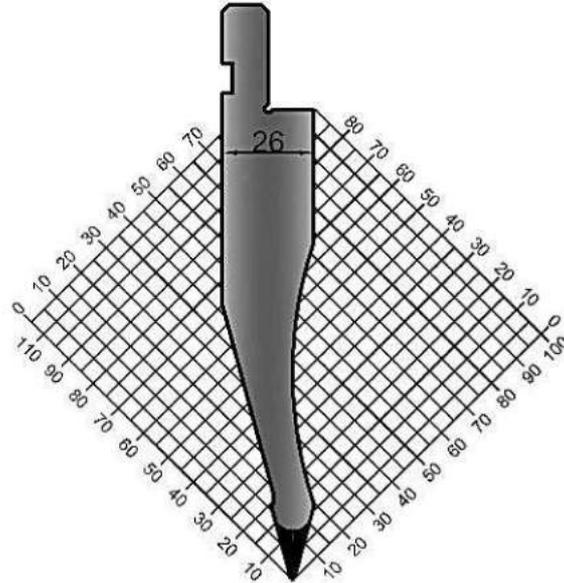
Amada - Promecam

Cod.	α	R	H	Max T/mt
10.860	30°	0.60	140.00	40



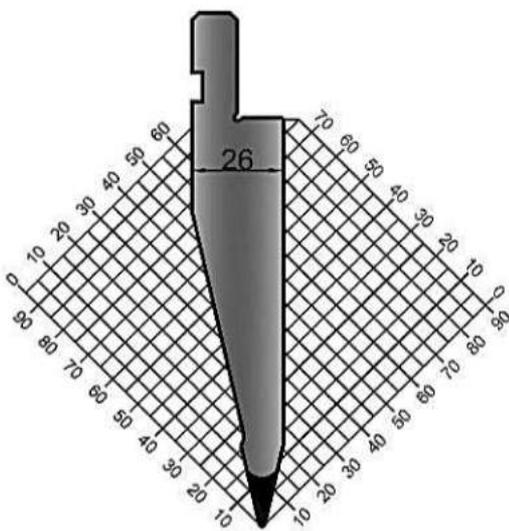
30°

Cod.	α	R	H	Max T/mt
10.520	30°	0.50	135.00	50
10.550	30°	0.50	105.00	50



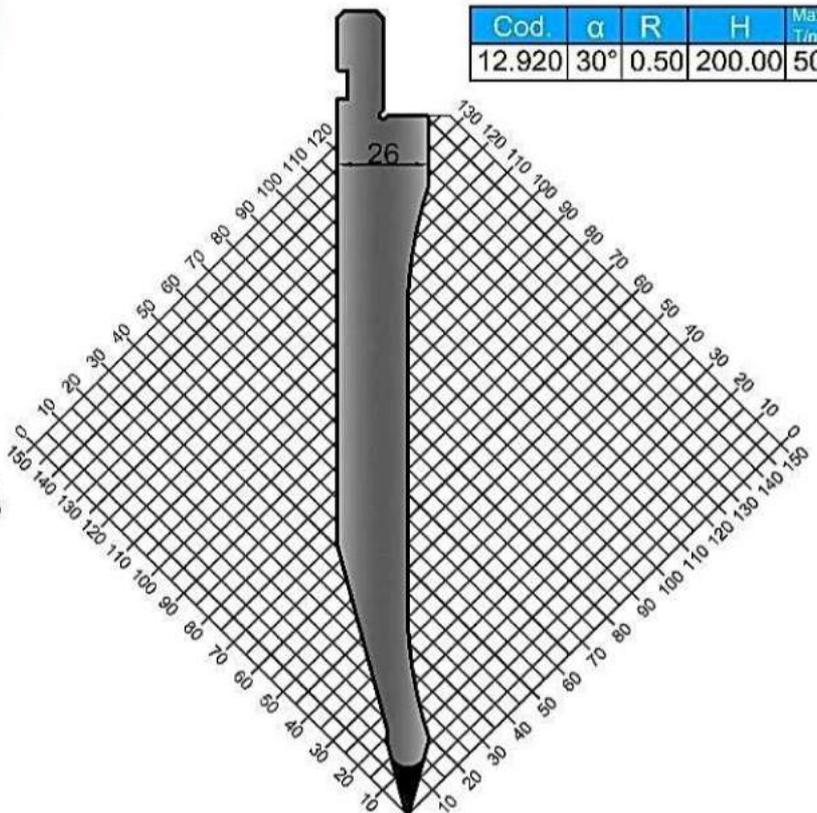
30°

Cod.	α	R	H	Max T/mt
11.780	26°	0.80	117.00	100
11.920	26°	3.00	117.00	100



26°

Cod.	α	R	H	Max T/mt
12.920	30°	0.50	200.00	50

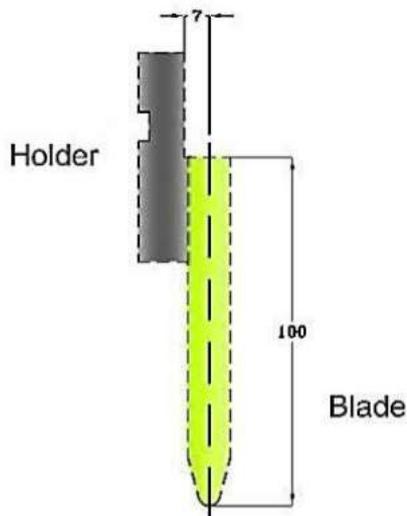
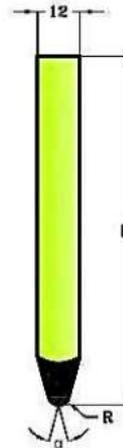
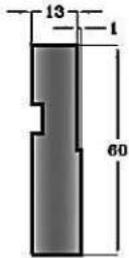


30°

STEMPLE / PUNCHES

Amada - Promecam

Cod 10.440 L = 500

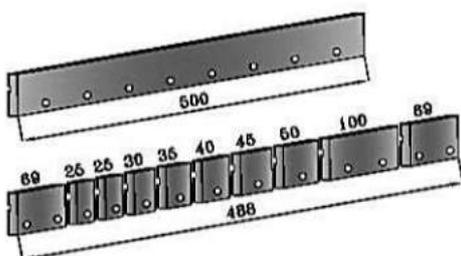


Cod.	α	R	H	Max T/mt
13.500	28°	0.50	100.00	100
13.501	28°	1.00	100.00	100
13.502	28°	2.00	100.00	100
13.503	28°	3.00	100.00	100
13.504	28°	4.00	100.00	100
13.505	28°	5.00	100.00	100
13.506	28°	6.00	100.00	100

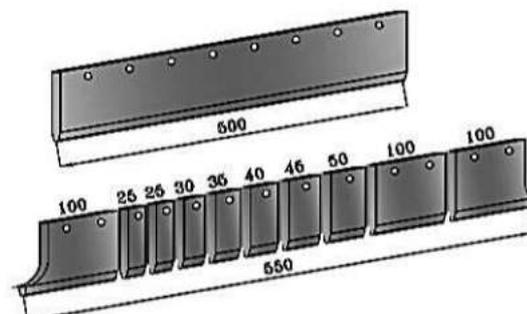
Cod.	α	R	H	Max T/mt
13.520	84°	1.00	100.00	100

Cod.	α	R	H	Max T/mt
13.530	86°	1.00	100.00	100

Cod.	α	R	H	Max T/mt
13.550	90°	0.50	100.00	100
13.551	90°	1.00	100.00	100
13.552	90°	1.50	100.00	100
13.553	90°	2.00	100.00	100



STANDARD SECTIONING



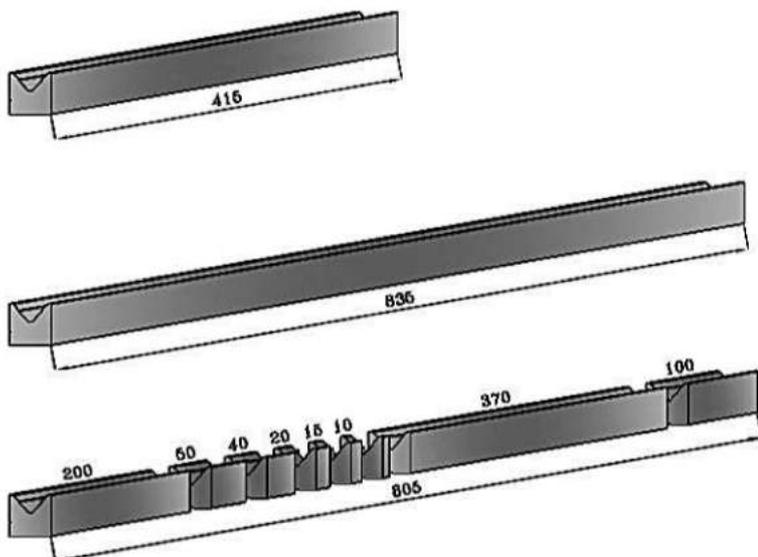
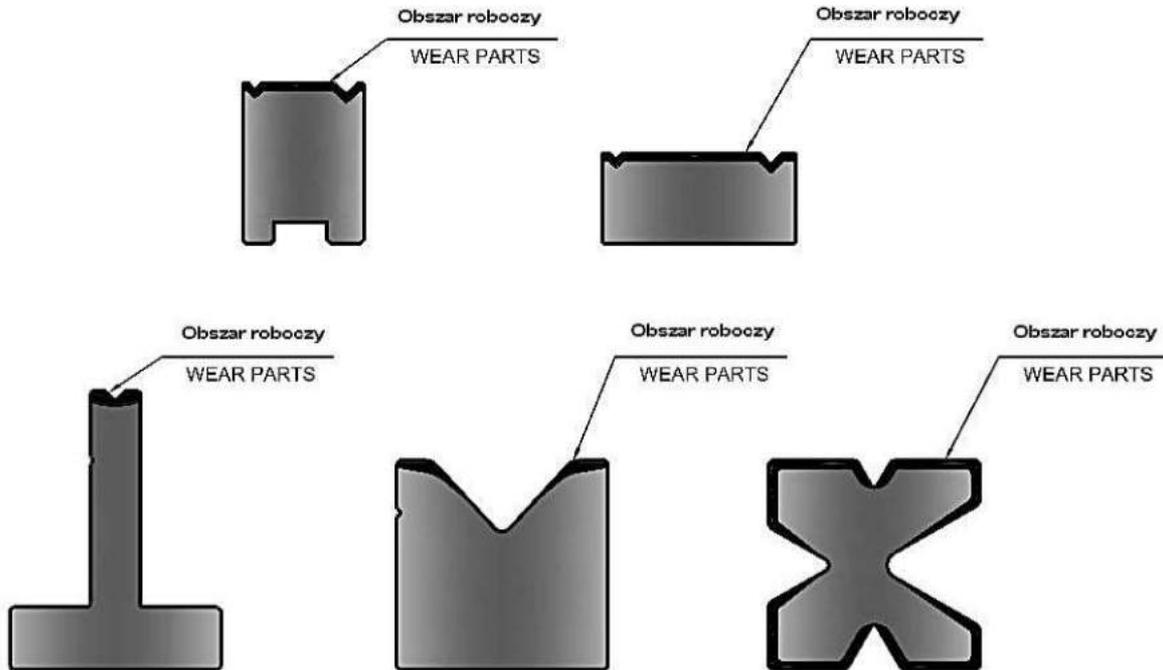
STANDARD SECTIONING

Matryce / Dies

Amada - Promecam

Matryce są dostępne w standardowych odcinkach: 835mm, 415mm i dzielony 805mm

THE DIES ARE AVAILABLE IN THE FOLLOWING STANDARD LENGTHS: 415 mm ; 835 mm AND SECTIONED 805 mm

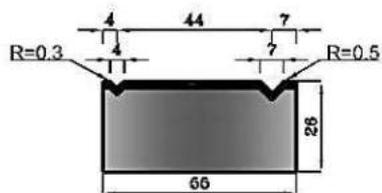


Podział standardowy
STANDARD SECTIONING

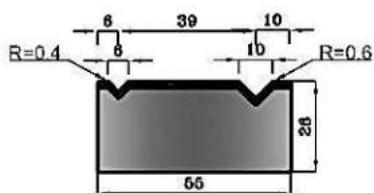
Matryce / Dies

Amada - Promecam

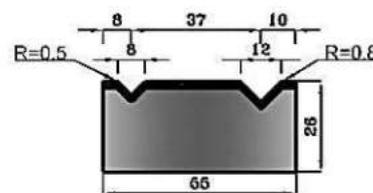
90° Cod. 20.100 100 T/m



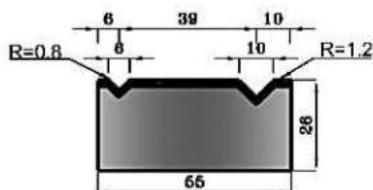
90° Cod. 20.110 100 T/m



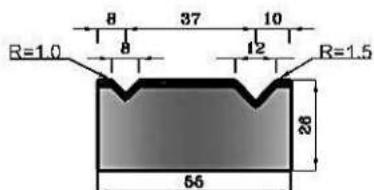
90° Cod. 20.120 100 T/m



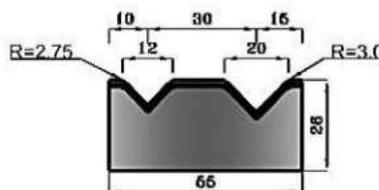
88° Cod. 20.460 100 T/m



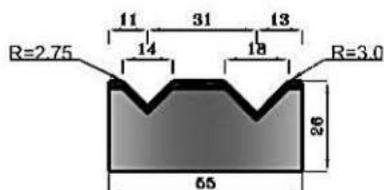
88° Cod. 20.410 100 T/m



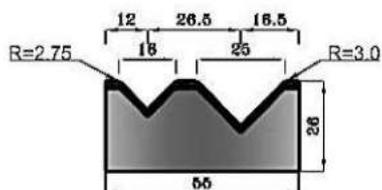
88° Cod. 20.130 100 T/m



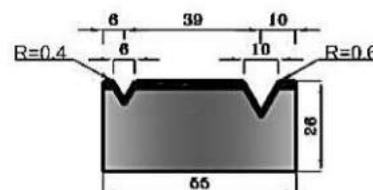
88° Cod. 20.320 100 T/m



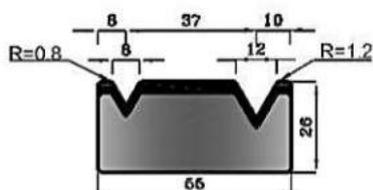
88° Cod. 20.140 100 T/m



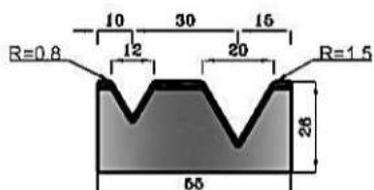
60° Cod. 20.150 100 T/m



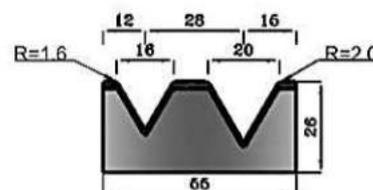
60° Cod. 20.160 100 T/m



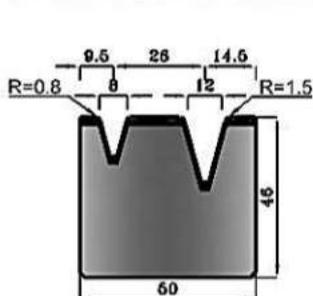
60° Cod. 20.330 100 T/m



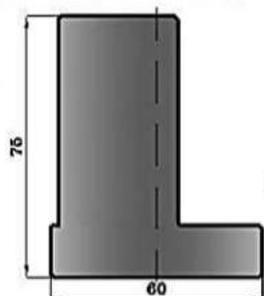
60° Cod. 20.170 100 T/m



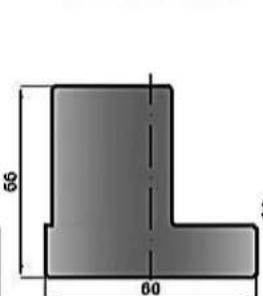
30° Cod. 20.470 100 T/m



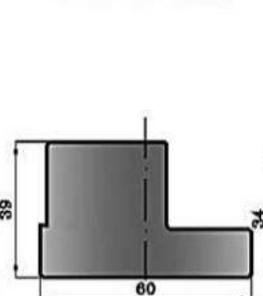
Cod. 20.350



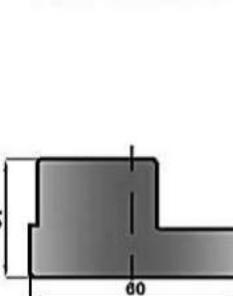
Cod. 20.190



Cod. 20.390



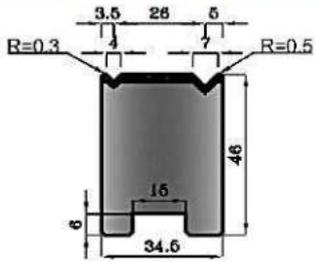
Cod. 20.180



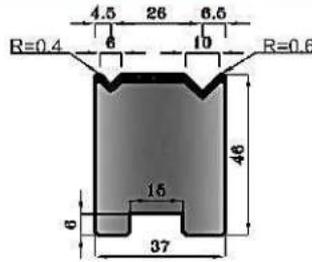
Matryce / Dies

Amada - Promecam

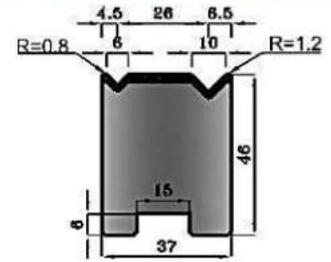
90° Cod. 20.480 80 T/m



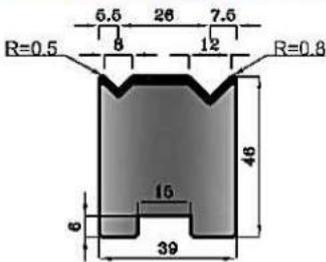
90° Cod. 20.490 80 T/m



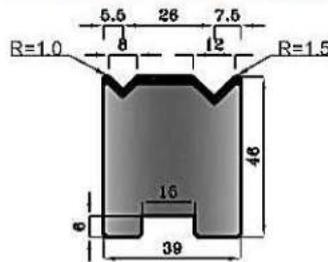
88° Cod. 20.500 80 T/m



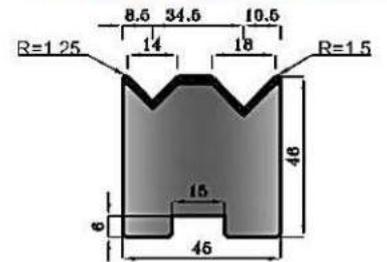
90° Cod. 20.510 80 T/m



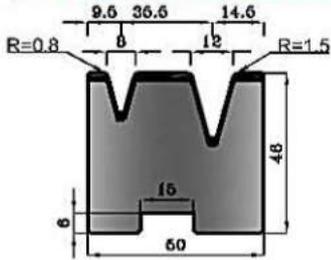
88° Cod. 20.520 80 T/m



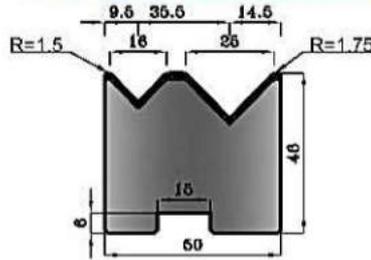
88° Cod. 20.530 80 T/m



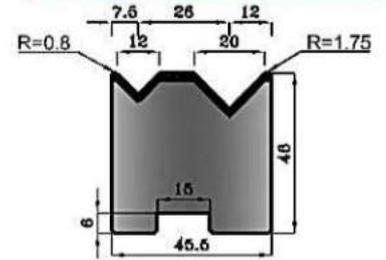
30° Cod. 20.560 40 T/m



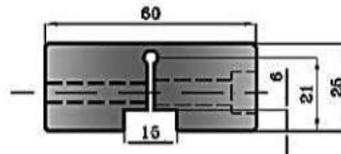
88° Cod. 20.550 80 T/m



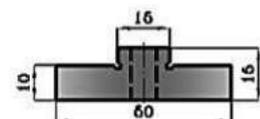
88° Cod. 20.540 80 T/m



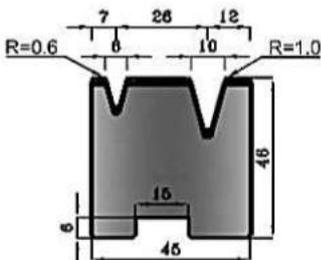
Cod. 20.600



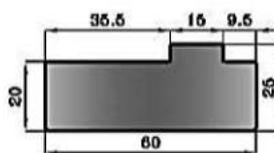
Cod. 20.580



30° Cod. 20.570 40 T/m



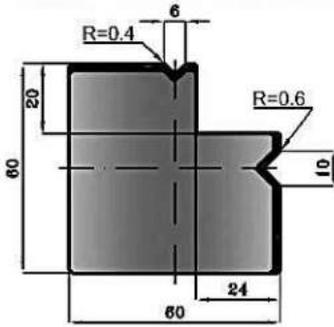
Cod. 20.590



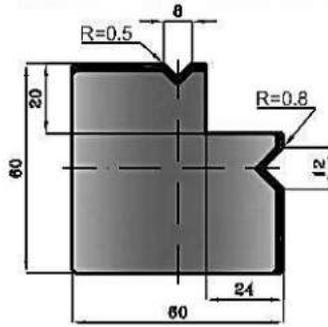
Matryce / Dies

Amada - Promecam

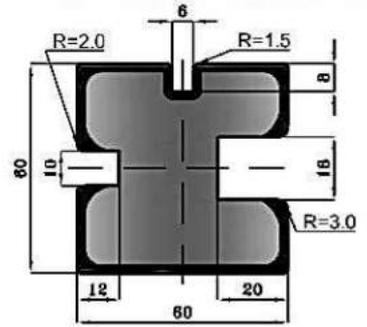
90° Cod. 20.280 80 T/m



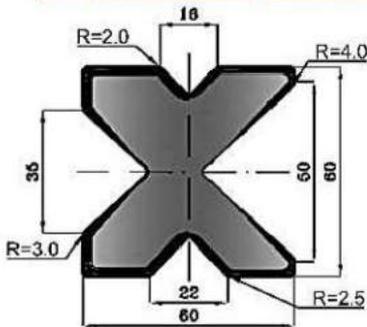
90° Cod. 20.290 80 T/m



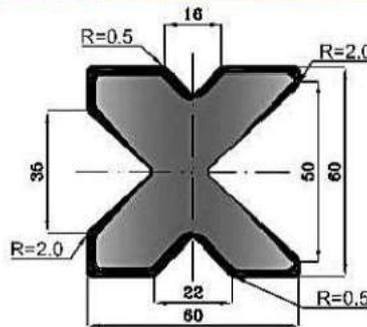
Cod. 20.310 100 T/m



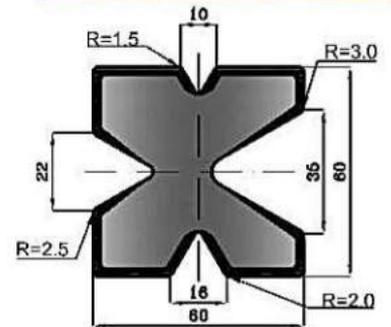
85° Cod. 20.670 80 T/m



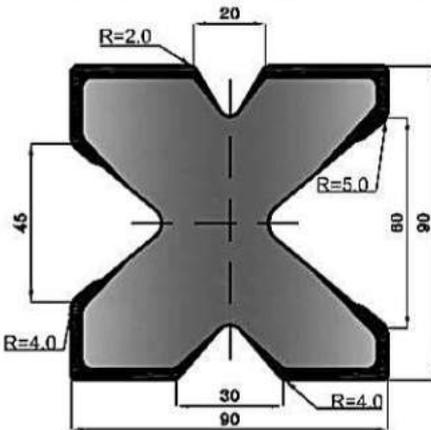
85° 88° Cod. 20.300 80 T/m



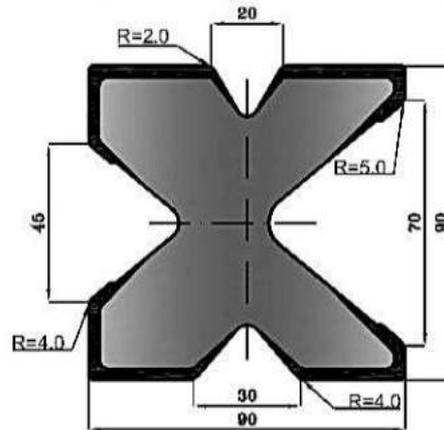
60° Cod. 20.340 60 T/m



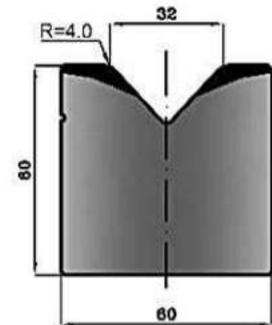
80/60 Cod. 20.671 100 T/m



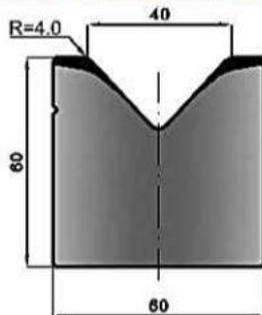
80/60 Cod. 20.672 100 T/m



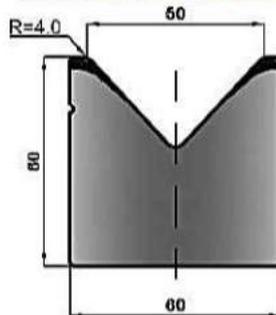
85° Cod. 20.200 100 T/m



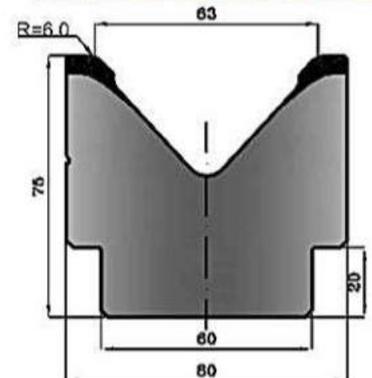
85° Cod. 20.210 100 T/m



85° Cod. 20.220 100 T/m



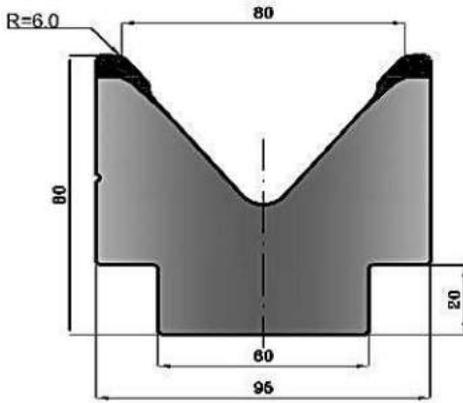
85° Cod. 20.230 100 T/m



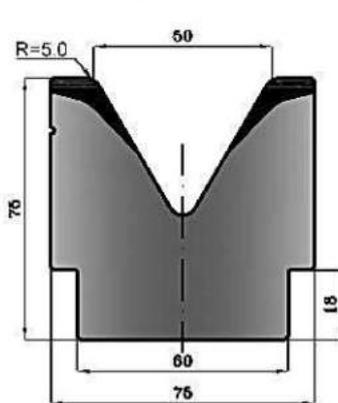
Matryce / Dies

Amada - Promecam

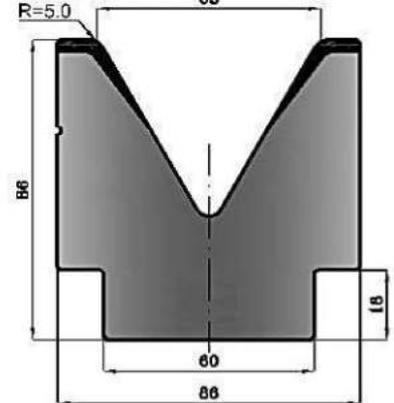
85° Cod. 20.240 100 T/m



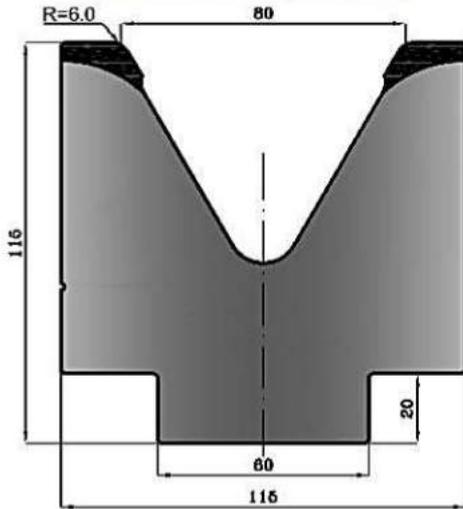
60° Cod. 20.820 100 T/m



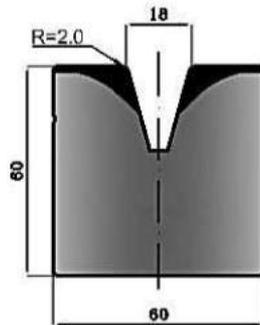
60° Cod. 20.830 100 T/m



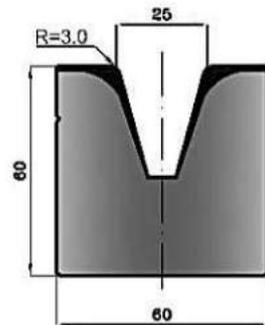
60° Cod. 20.890 100 T/m



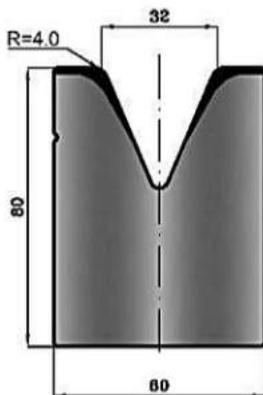
30° Cod. 20.860 100 T/m



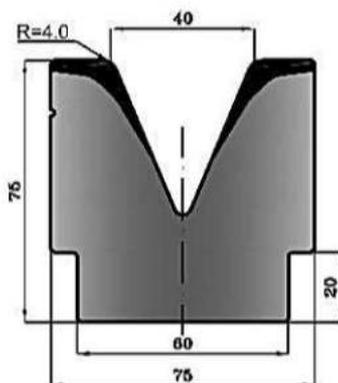
30° Cod. 20.870 100 T/m



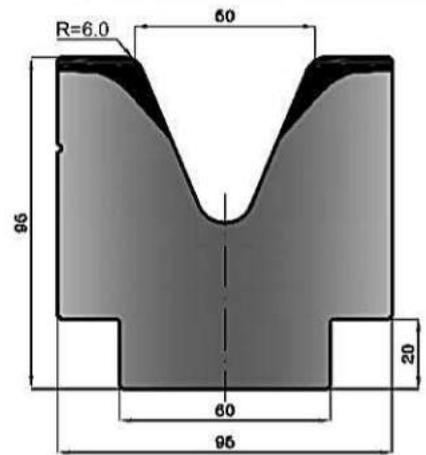
45° Cod. 20.880 100 T/m



45° Cod. 20.810 100 T/m



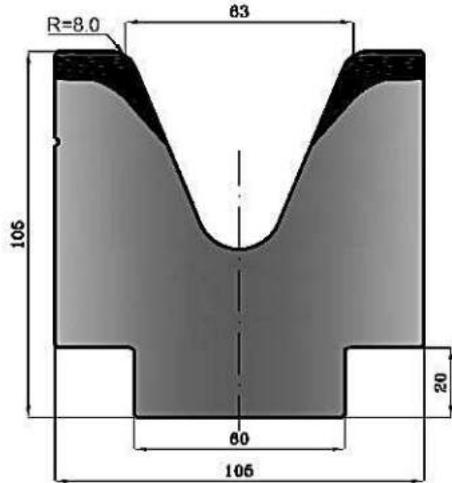
45° Cod. 21.180 100 T/m



Matryce / Dies

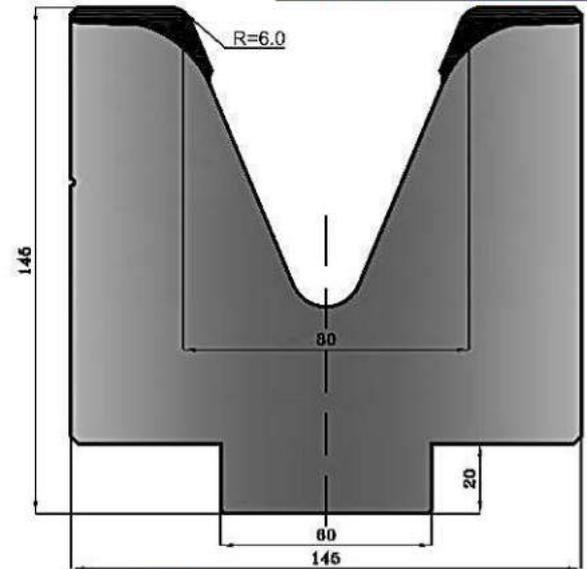
Amada - Promecam

45° Cod.21.170 100 T/m



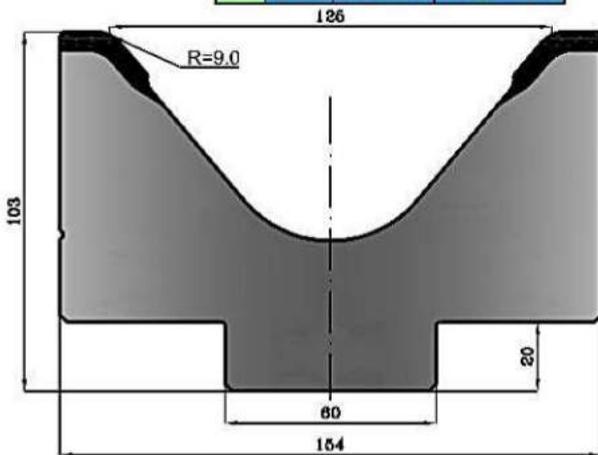
45°

45° Cod.20.840 100 T/m



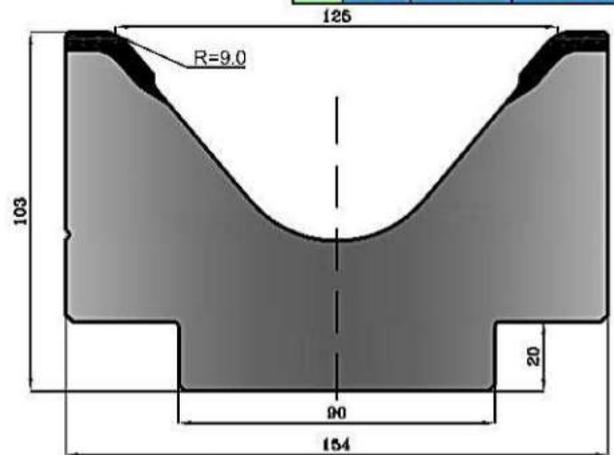
45°

80° Cod.20.261 100 T/m



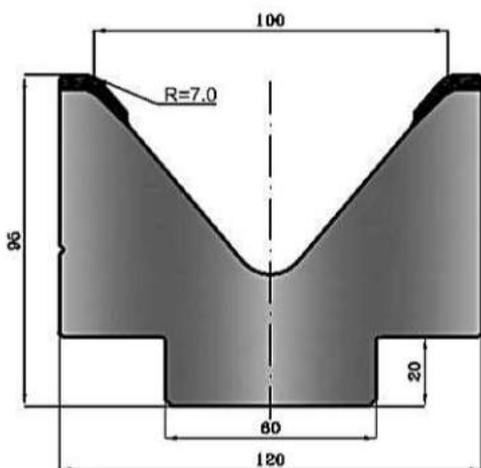
80°

80° Cod.20.260 100 T/m



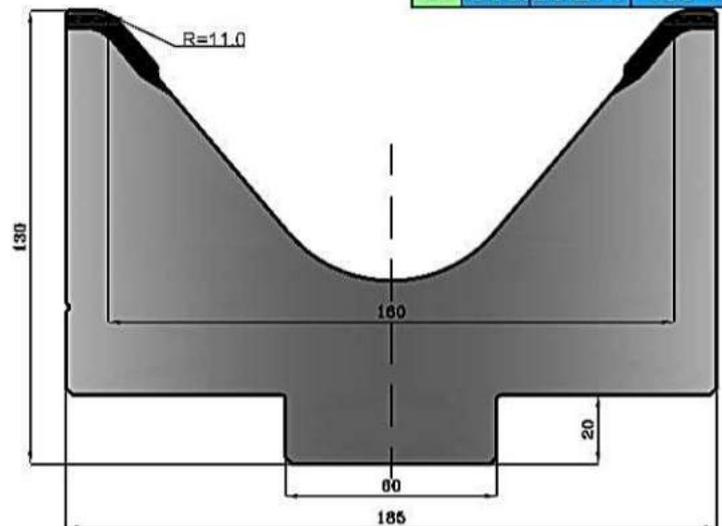
80°

80° Cod.20.250 100 T/m



80°

80° Cod.20.271 100 T/m

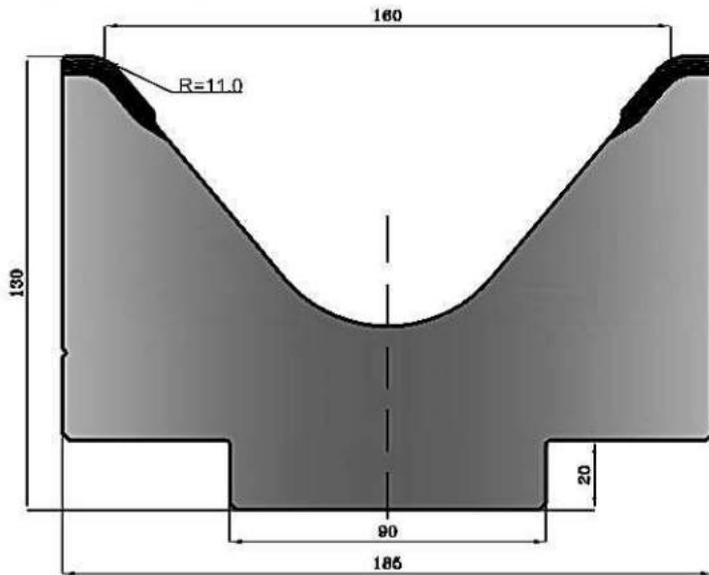


80°

Matryce / Dies

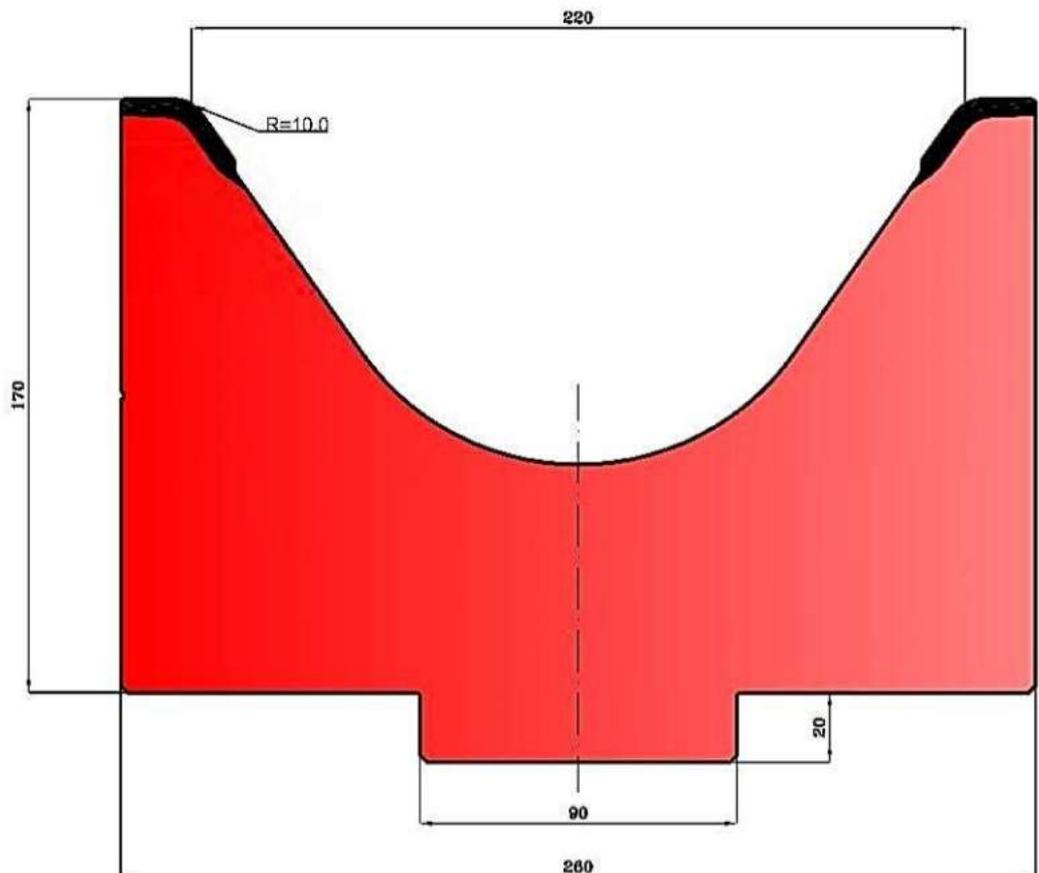
Amada - Promecam

80° Cod. 20.270 100 T/m



80°

70° Cod. 72.900 200 T/m

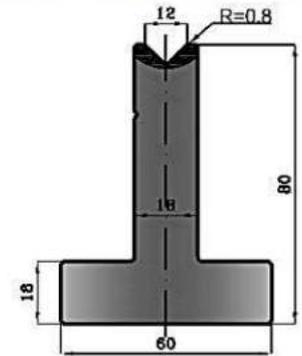
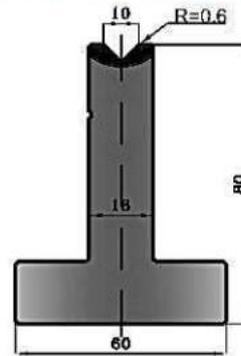
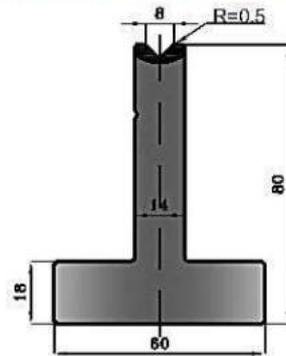
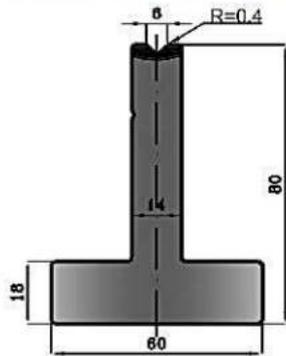


70°

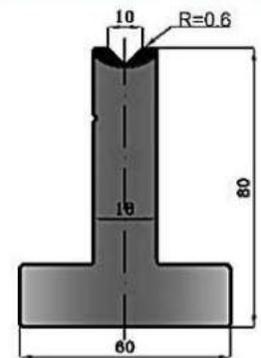
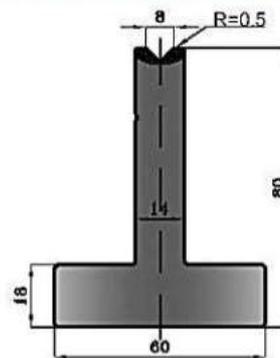
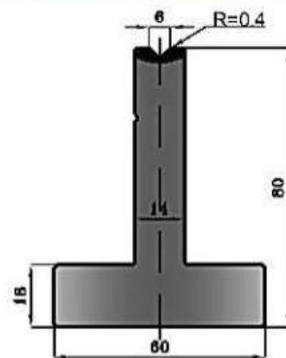
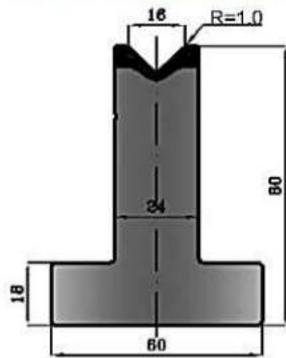
Matryce / Dies

Amada - Promecam

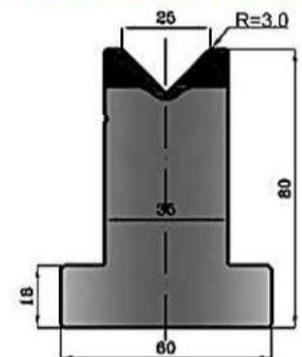
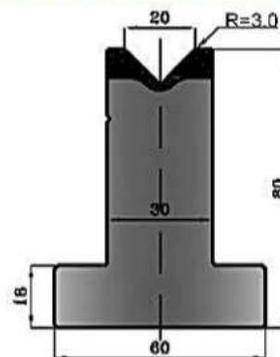
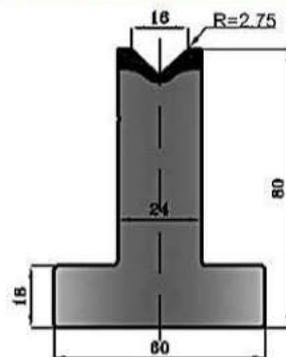
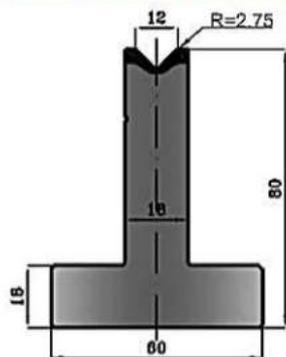
90° Cod. 30.100 100 T/m 90° Cod. 30.110 100 T/m 90° Cod. 30.120 100 T/m 90° Cod. 30.130 100 T/m



90° Cod. 30.140 100 T/m 88° Cod. 30.800 100 T/m 88° Cod. 30.810 100 T/m 88° Cod. 30.820 100 T/m



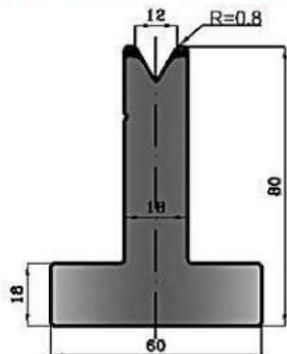
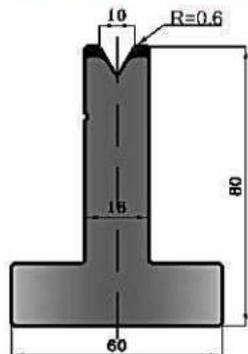
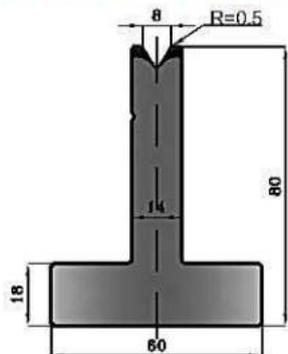
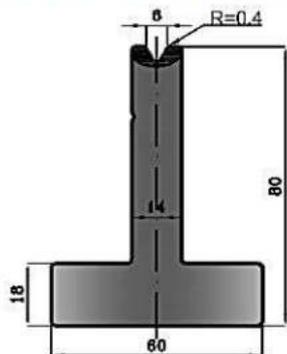
88° Cod. 30.150 100 T/m 88° Cod. 30.160 100 T/m 88° Cod. 30.170 100 T/m 88° Cod. 30.180 100 T/m



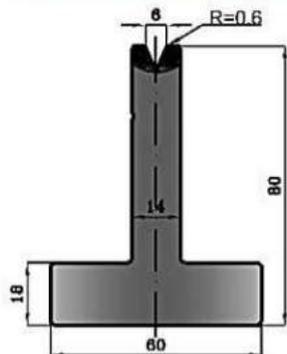
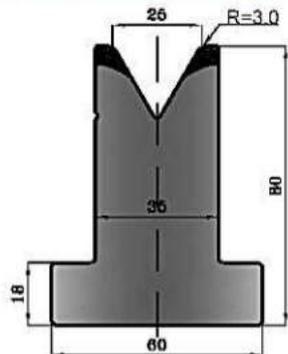
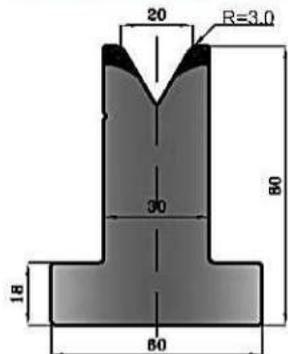
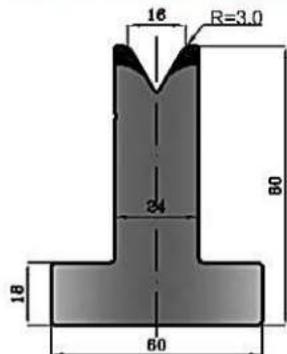
Matryce / Dies

Amada - Promecam

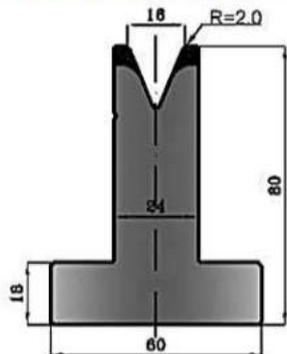
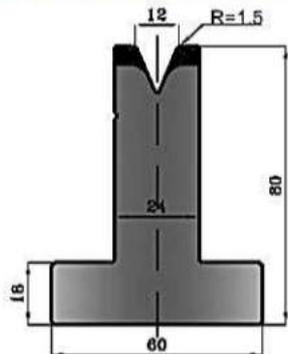
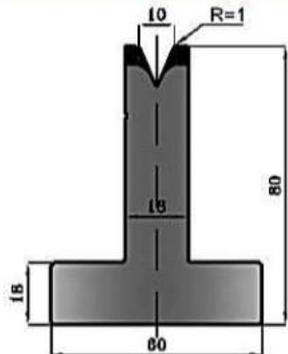
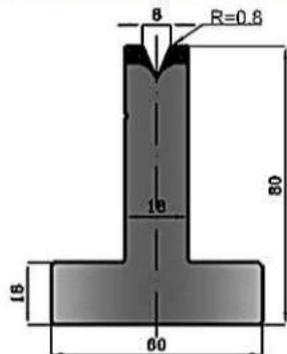
60° Cod. 30.190 60 T/m 60° Cod. 30.200 60 T/m 60° Cod. 30.210 60 T/m 60° Cod. 30.220 60 T/m



60° Cod. 30.230 60 T/m 60° Cod. 30.240 60 T/m 60° Cod. 30.250 60 T/m 45° Cod. 30.260 50 T/m



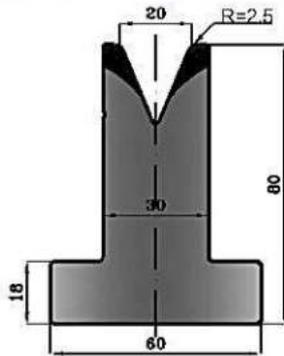
45° Cod. 30.270 50 T/m 45° Cod. 30.280 50 T/m 45° Cod. 30.290 50 T/m 45° Cod. 30.300 50 T/m



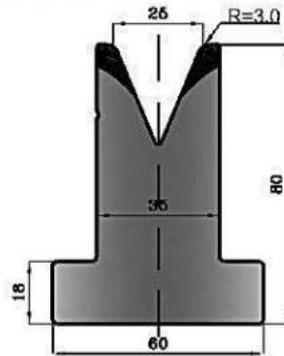
Matryce / Dies

Amada - Promecam

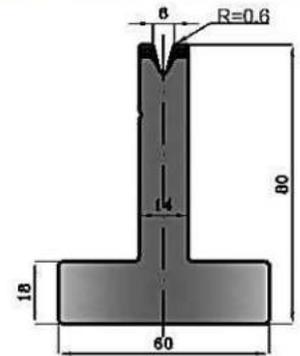
45° Cod. 30.310 50 T/m



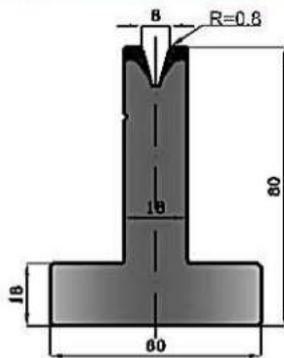
45° Cod. 30.320 50 T/m



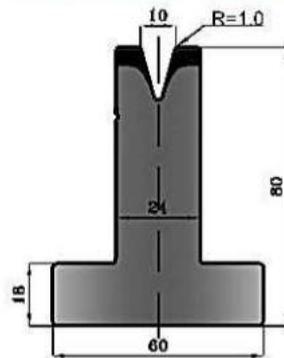
30° Cod. 30.420 35 T/m



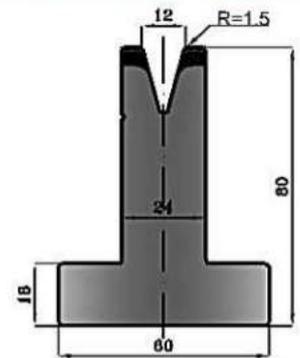
30° Cod. 30.430 35 T/m



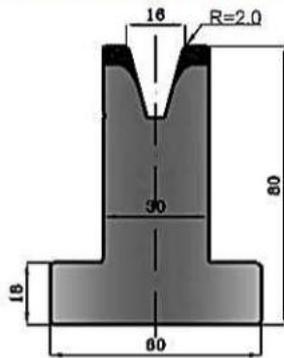
30° Cod. 30.440 50 T/m



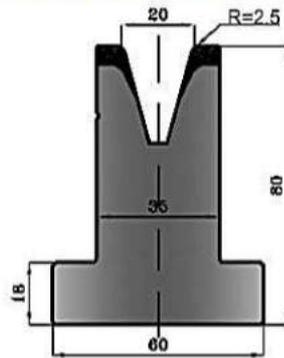
30° Cod. 30.450 40 T/m



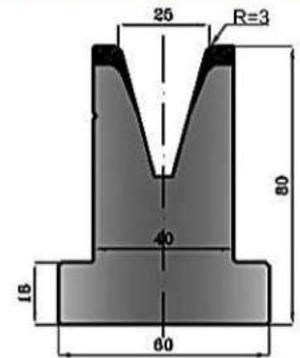
30° Cod. 30.460 45 T/m



30° Cod. 30.470 50 T/m



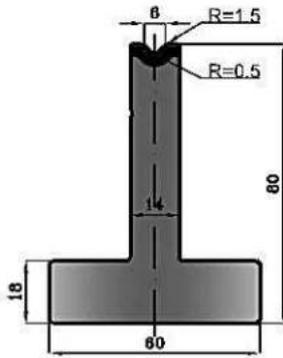
30° Cod. 30.480 50 T/m



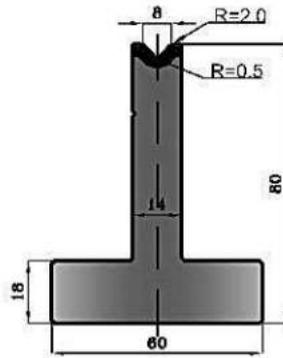
Matryce / Dies

Amada - Promecam

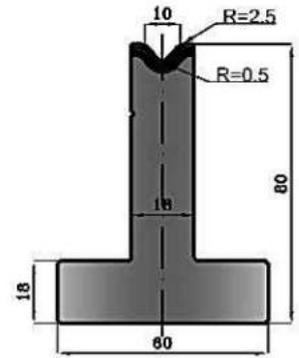
85° Cod. 30.801 100 T/m



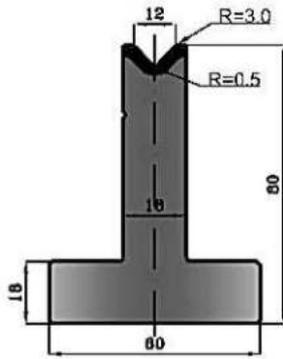
85° Cod. 30.802 100 T/m



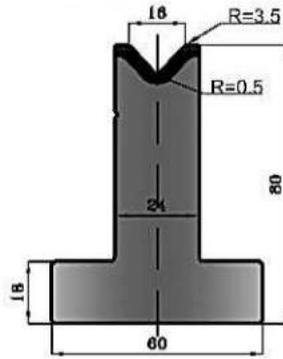
85° Cod. 30.803 100 T/m



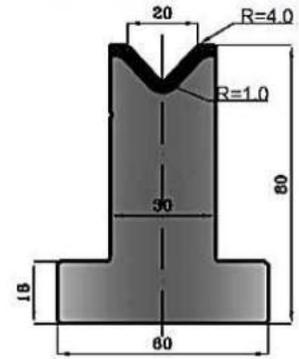
85° Cod. 30.804 100 T/m



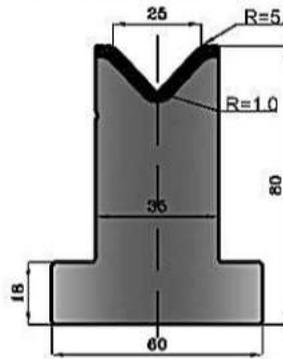
85° Cod. 30.805 100 T/m



85° Cod. 30.806 100 T/m



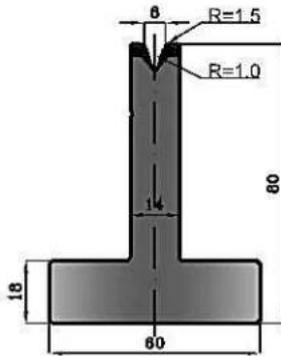
85° Cod. 30.807 100 T/m



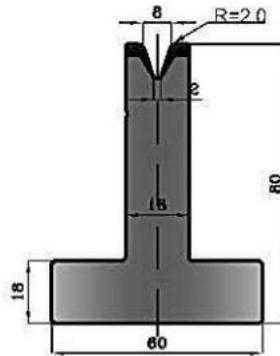
Matryce / Dies

Amada - Promecam

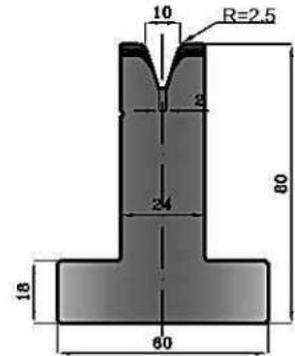
35° Cod. 30.421 40 T/m



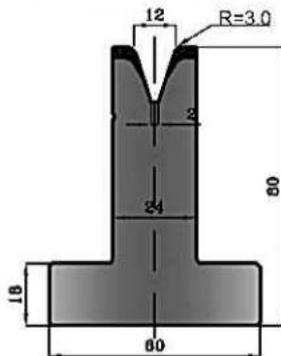
35° Cod. 30.422 40 T/m



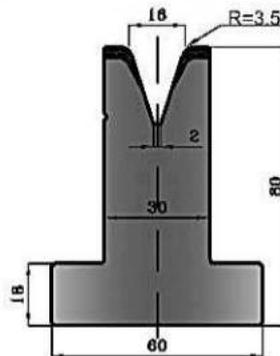
35° Cod. 30.423 55 T/m



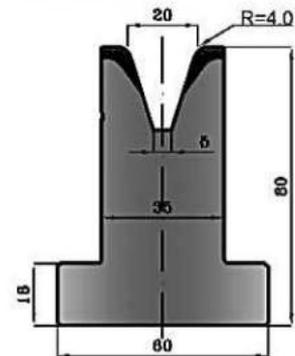
35° Cod. 30.424 45 T/m



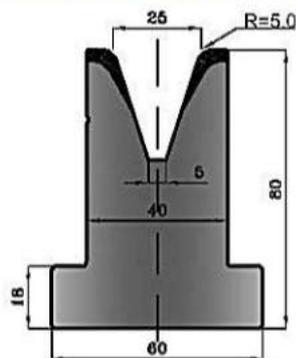
35° Cod. 30.425 50 T/m



35° Cod. 30.426 60 T/m



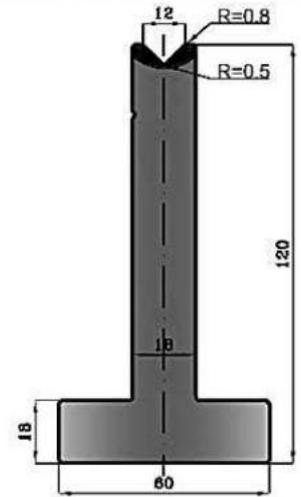
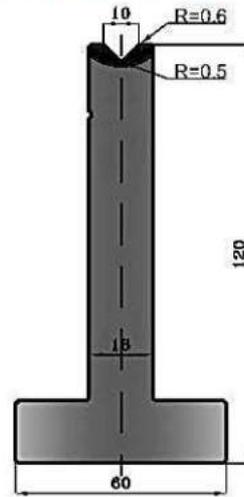
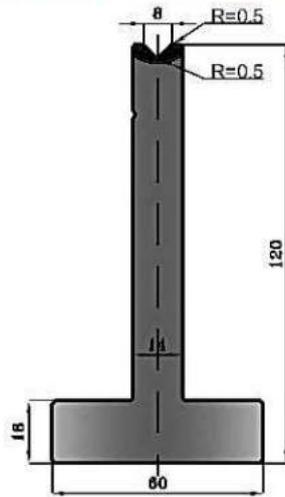
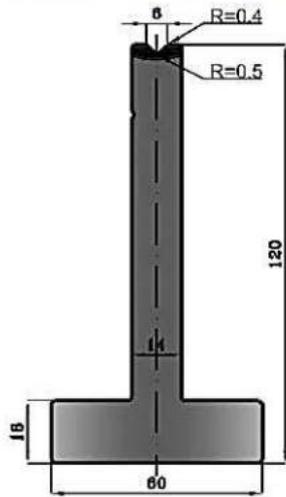
35° Cod. 30.427 60 T/m



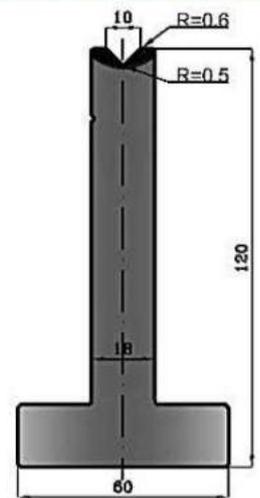
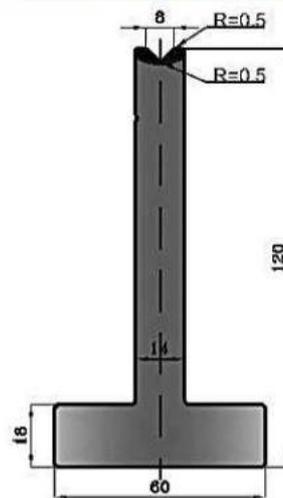
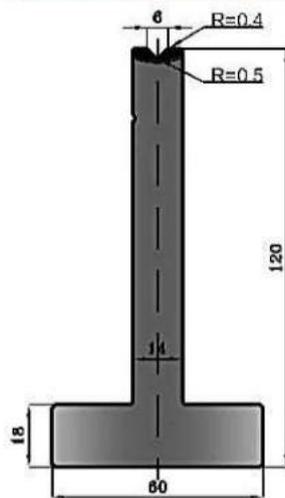
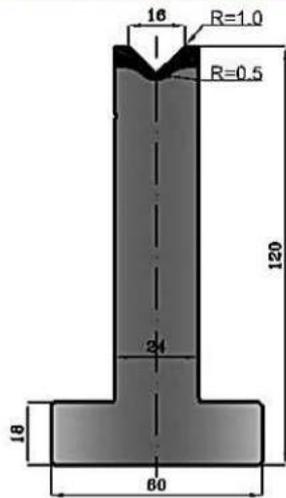
Matryce / Dies

Amada - Promecam

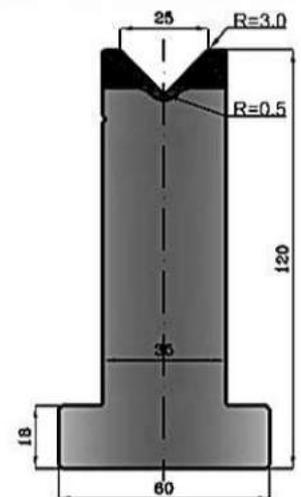
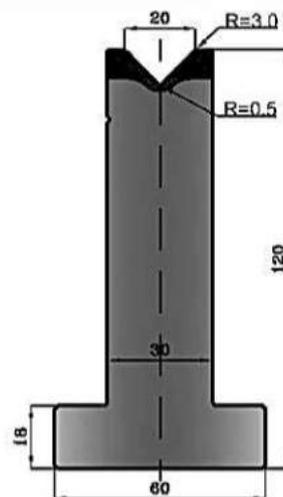
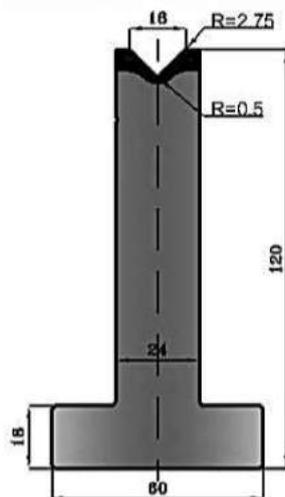
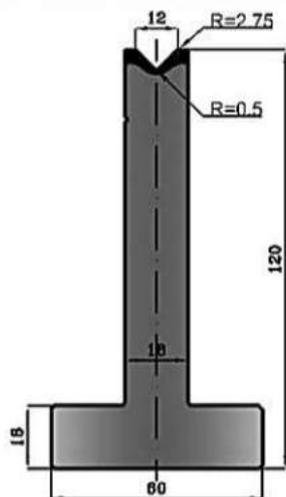
90° Cod. 30.500 100 T/m 90° Cod. 30.510 100 T/m 90° Cod. 30.520 100 T/m 90° Cod. 30.530 100 T/m



90° Cod. 30.540 100 T/m 88° Cod. 30.830 100 T/m 88° Cod. 30.840 100 T/m 88° Cod. 30.850 100 T/m



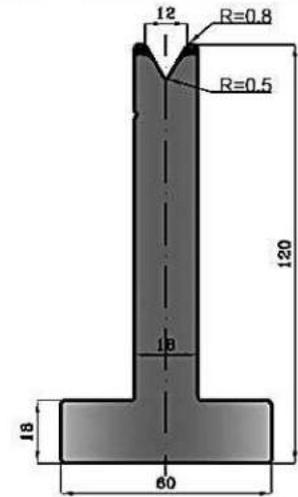
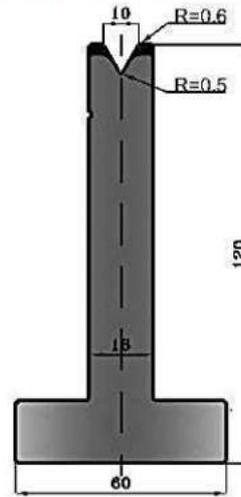
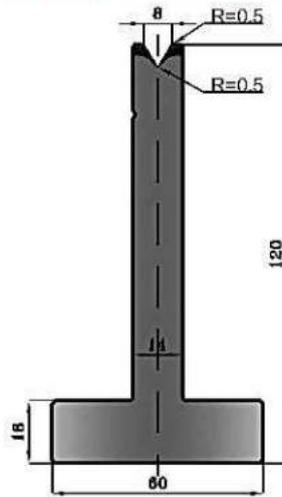
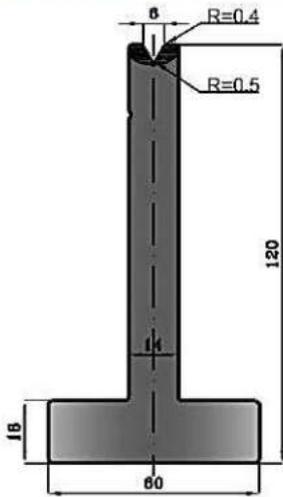
88° Cod. 30.550 100 T/m 88° Cod. 30.560 100 T/m 88° Cod. 30.570 100 T/m 88° Cod. 30.580 100 T/m



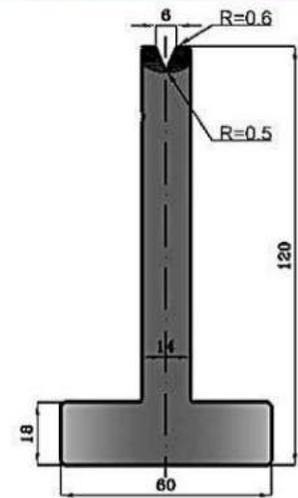
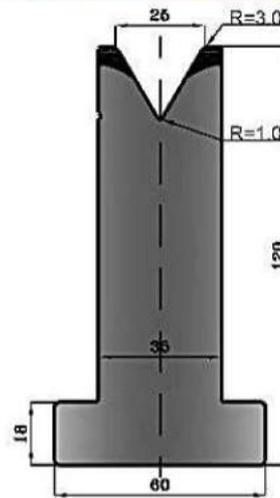
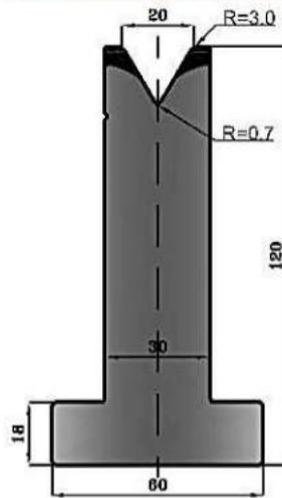
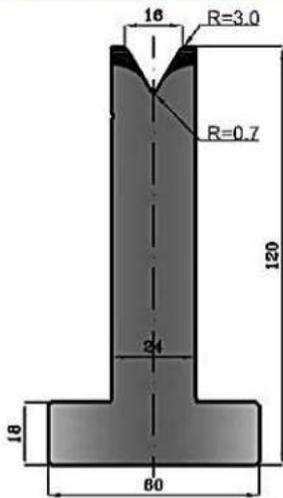
Matryce / Dies

Amada - Promecam

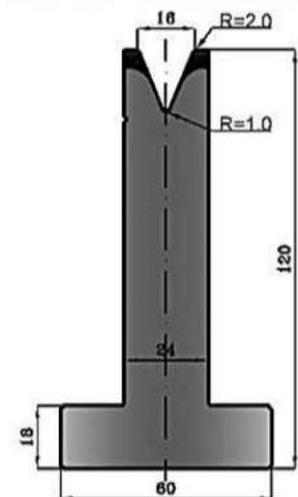
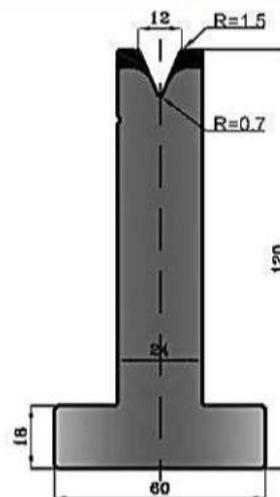
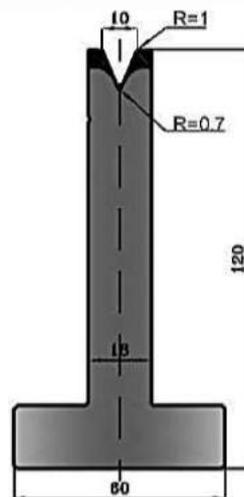
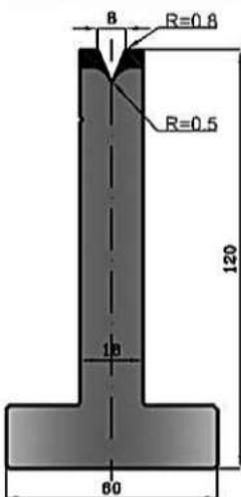
60° Cod. 30.590 60 T/m 60° Cod. 30.600 60 T/m 60° Cod. 30.610 60 T/m 60° Cod. 30.620 60 T/m



60° Cod. 30.630 60 T/m 60° Cod. 30.640 60 T/m 60° Cod. 30.650 60 T/m 45° Cod. 30.660 50 T/m



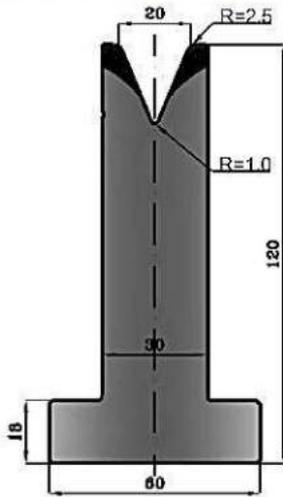
45° Cod. 30.670 50 T/m 45° Cod. 30.680 50 T/m 45° Cod. 30.690 50 T/m 45° Cod. 30.700 50 T/m



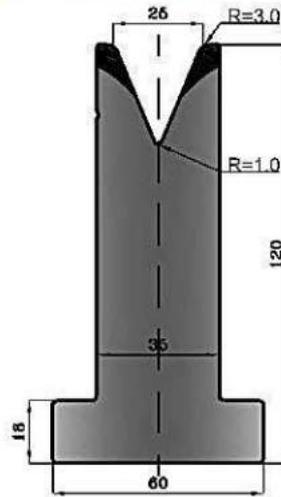
Matryce / Dies

Amada - Promecam

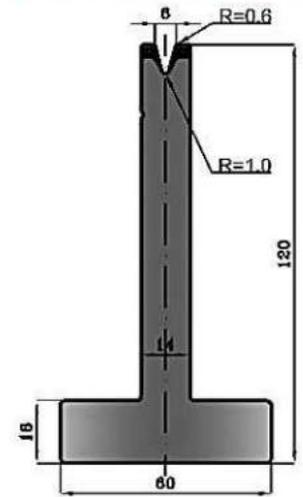
45° Cod. 30.710 50 T/m



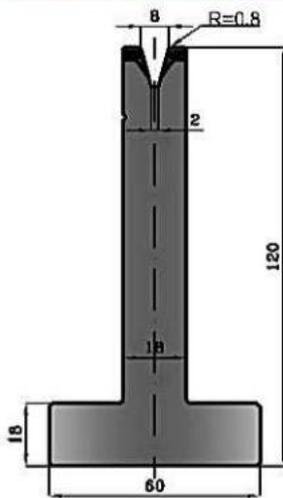
45° Cod. 30.720 50 T/m



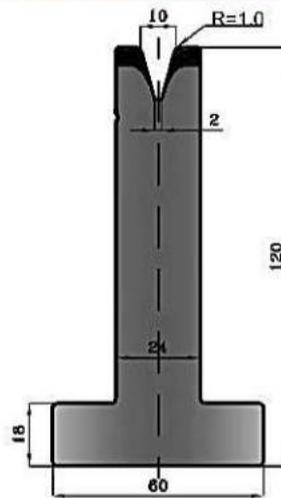
30° Cod. 30.730 35 T/m



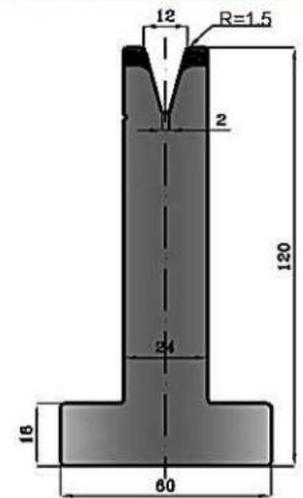
30° Cod. 30.740 35 T/m



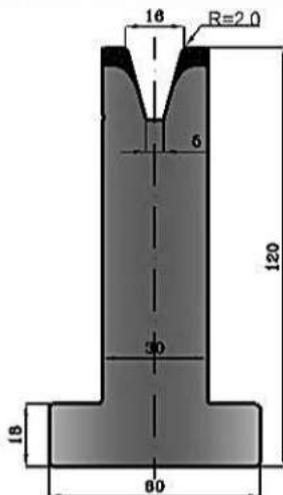
30° Cod. 30.750 50 T/m



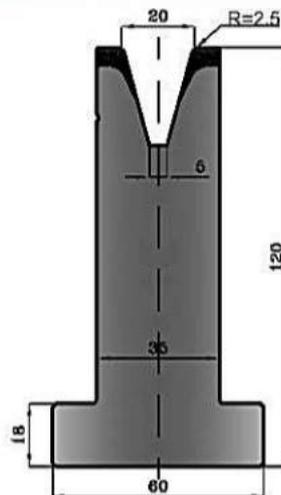
30° Cod. 30.760 40 T/m



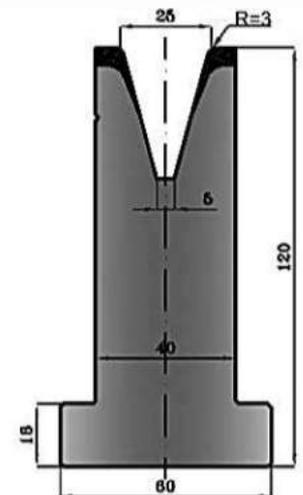
30° Cod. 30.770 45 T/m



30° Cod. 30.780 50 T/m



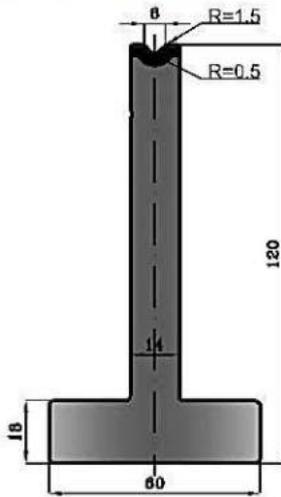
30° Cod. 30.790 50 T/m



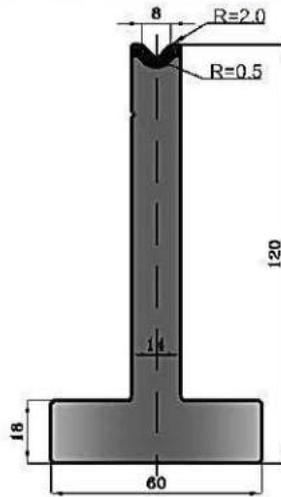
Matryce / Dies

Amada - Promecam

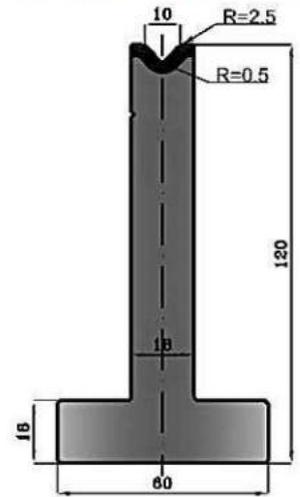
85° Cod. 30.831 100 T/m



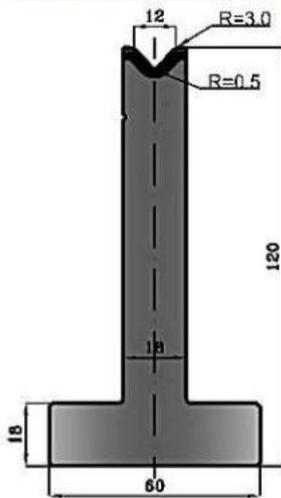
85° Cod. 30.832 100 T/m



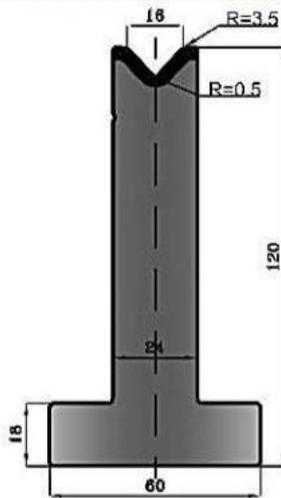
85° Cod. 30.833 100 T/m



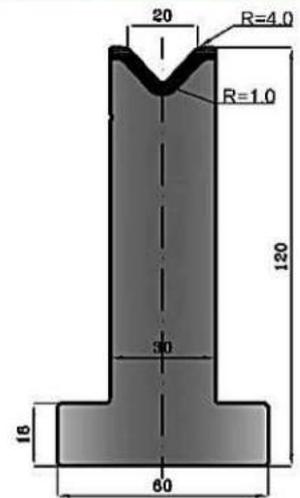
85° Cod. 30.834 100 T/m



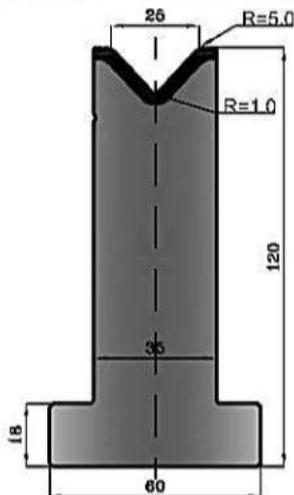
85° Cod. 30.835 100 T/m



85° Cod. 30.836 100 T/m



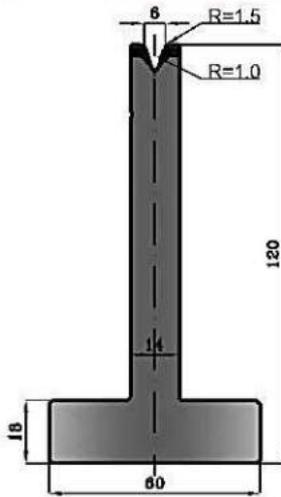
85° Cod. 30.837 100 T/m



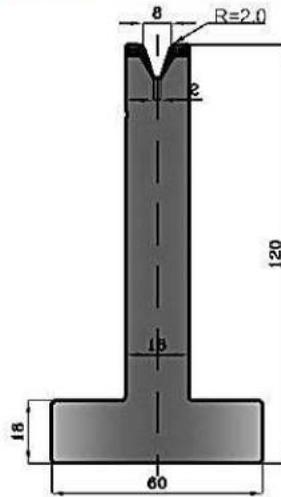
Matryce / Dies

Amada - Promecam

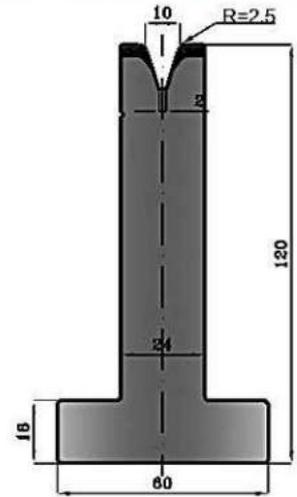
35° Cod. 30.731 40 T/m



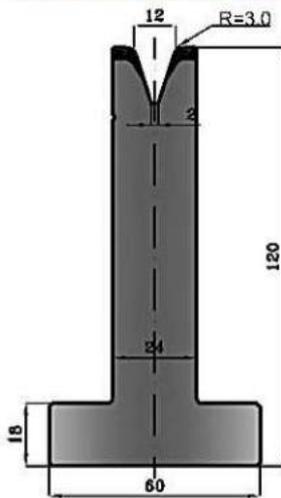
35° Cod. 30.732 40 T/m



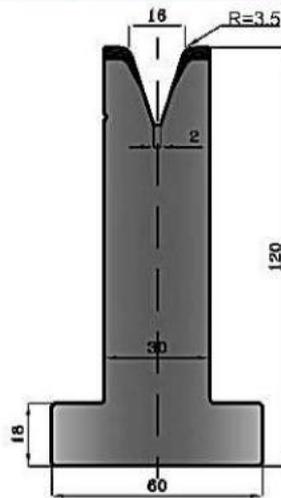
35° Cod. 30.733 55 T/m



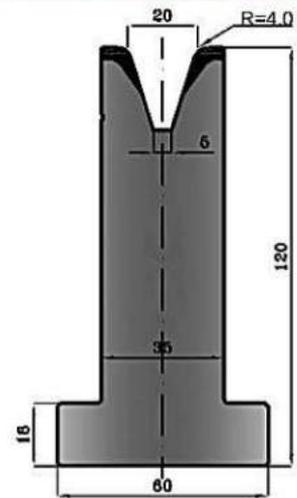
35° Cod. 30.734 45 T/m



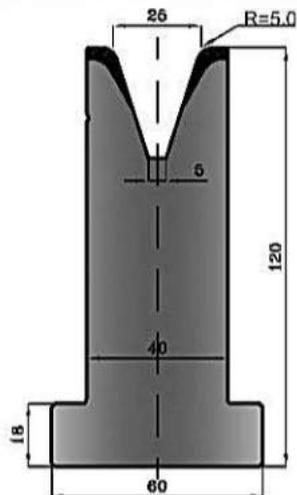
35° Cod. 30.735 50 T/m



35° Cod. 30.736 60 T/m



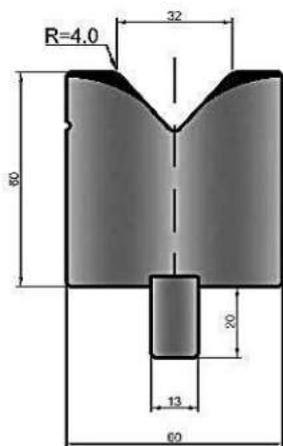
35° Cod. 30.737 60 T/m



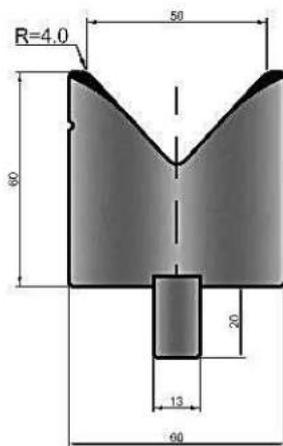
Matryce / Dies

Amada - Promecam

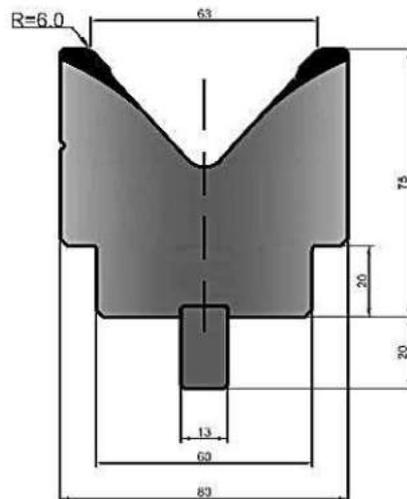
85° Cod. 20.200-B 100 T/m



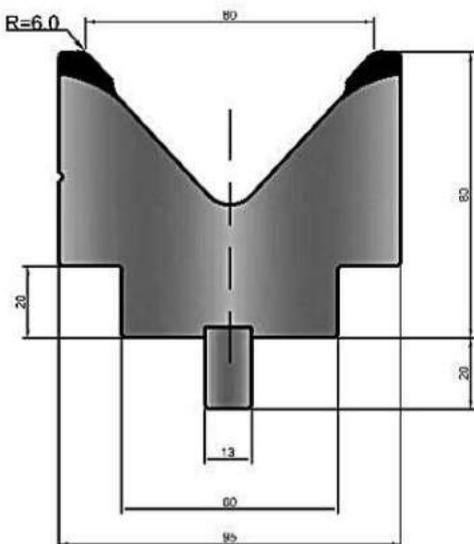
85° Cod. 20.220-B 100 T/m



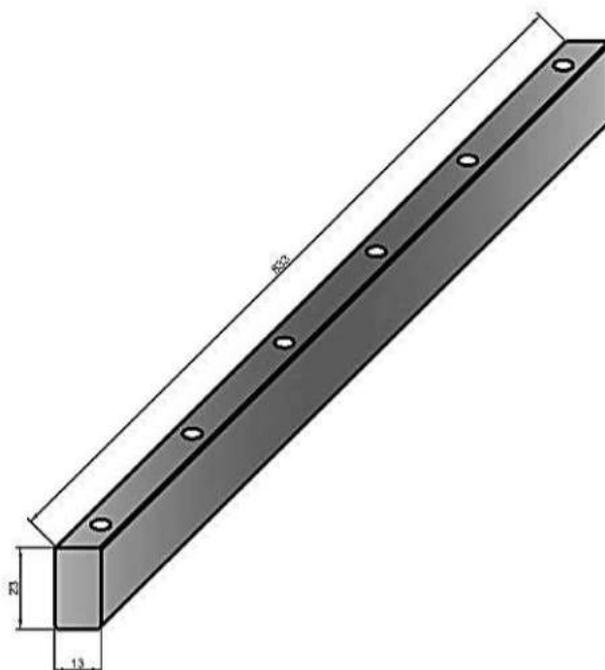
85° Cod. 20.230-B 100 T/m



85° Cod. 20.240-B 100 T/m



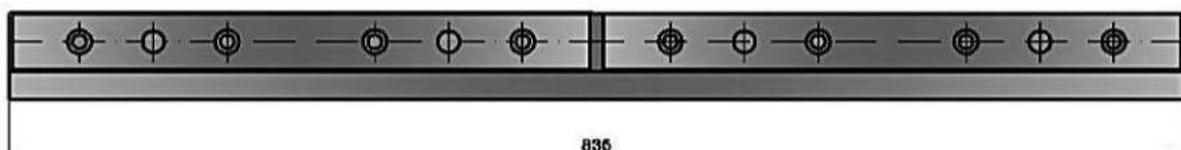
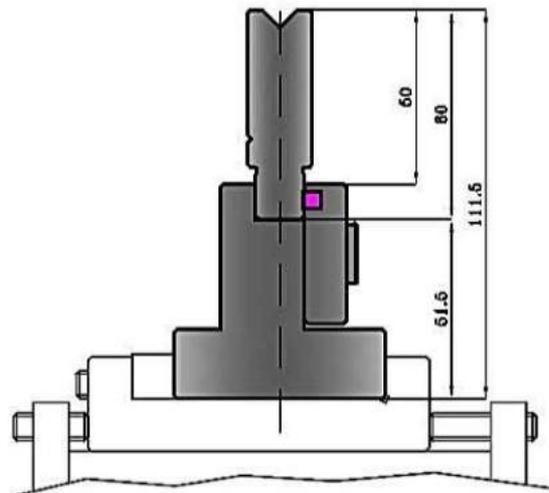
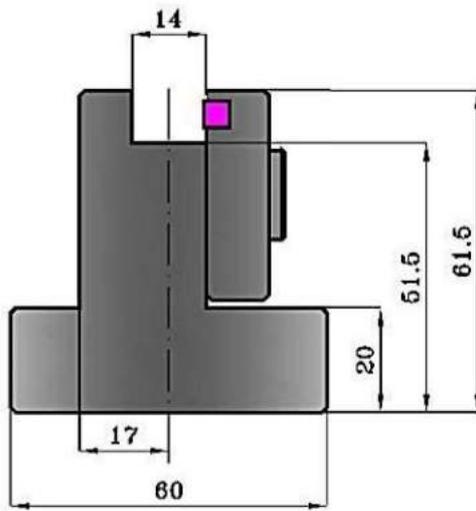
Cod. 10.431 100 T/m



Uchwyty matryc wkładkowych
HOLDER FOR INSERTED DIES

Cod.31.730

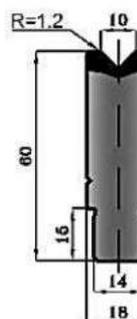
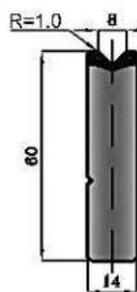
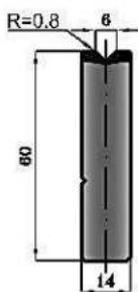
L=835
L=415



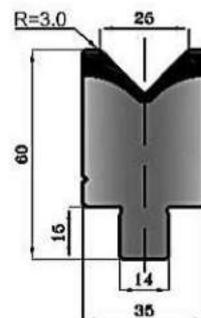
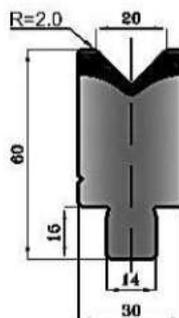
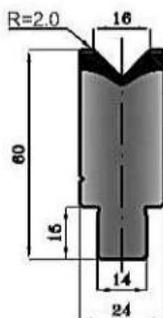
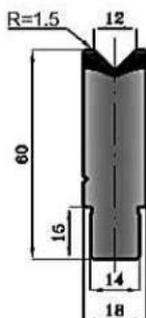
Matryce / Dies

Amada - Promecam

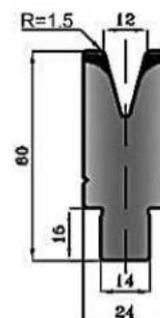
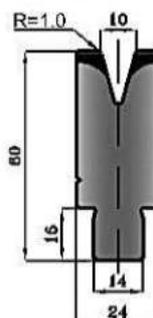
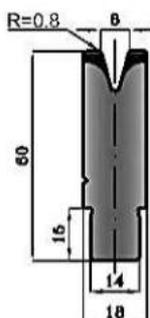
88° Cod. AM.804 100 T/m 88° Cod. AM.806 100 T/m 88° Cod. AM.808 100 T/m 88° Cod. AM.810 100 T/m



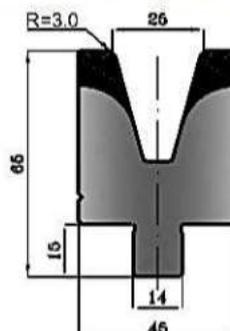
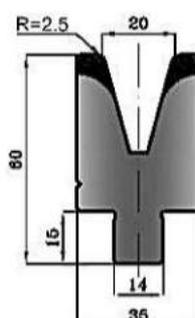
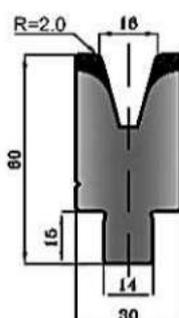
88° Cod. AM.812 100 T/m 88° Cod. AM.816 100 T/m 88° Cod. AM.820 100 T/m 88° Cod. AM.825 100 T/m



30° Cod. AM.306 35 T/m 30° Cod. AM.308 35 T/m 30° Cod. AM.310 50 T/m 30° Cod. AM.312 40 T/m



30° Cod. AM.316 45 T/m 30° Cod. AM.320 50 T/m 30° Cod. AM.325 50 T/m



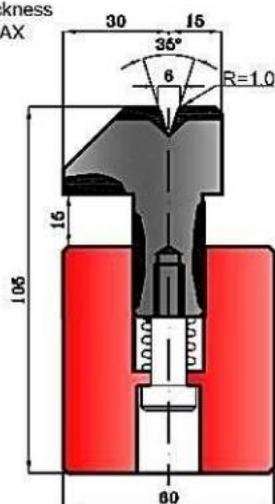
Matryce / Dies

Amada - Promecam

Matryce zagniatające / Flattening dies

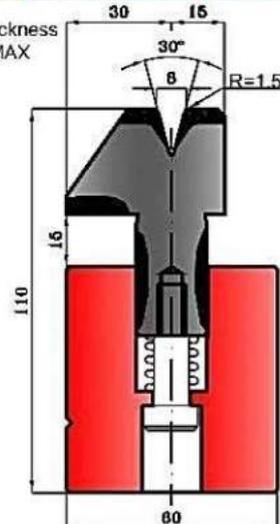
35° Cod.30.390 80 T/m

Max thickness
10/10 MAX



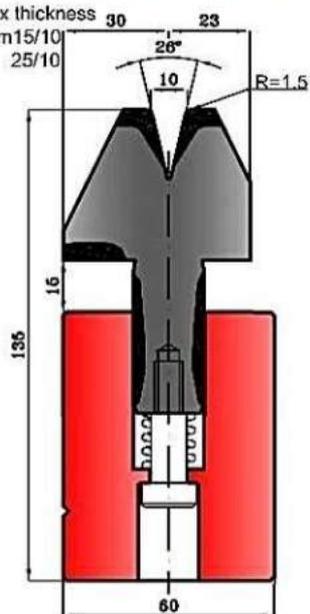
30° Cod.30.410 80 T/m

Max thickness
15/10 MAX



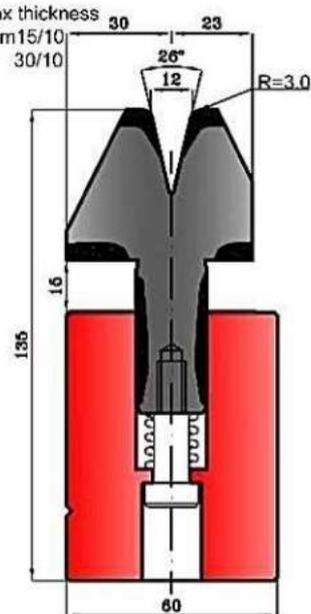
26° Cod.30.380 100 T/m

Max thickness
from 15/10
to 25/10



26° Cod.30.400 100 T/m

Max thickness
from 15/10
to 30/10



MATERIAL - ACC.R ~ 40 Kg/mm ²				
S(mm)	(t/m)	T(mm)	(t/m)	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

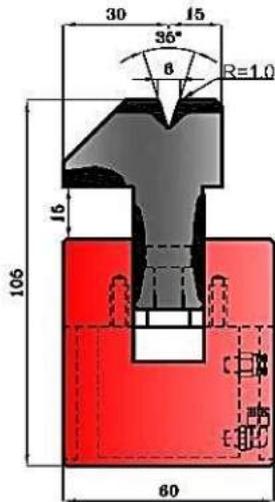
MATERIAL - ACC.R ~ 70 Kg/mm ²				
S(mm)	(t/m)	T(mm)	(t/m)	2S(mm)
0.6	15	3	35	1.2
0.8	20	3	50	1.6
1.0	25	3.5	60	2.0
1.25	26	3.5	80	2.5
1.5	38	4.6	95	3.0
2.0	50	5.5	130	4.0

Matryce / Dies

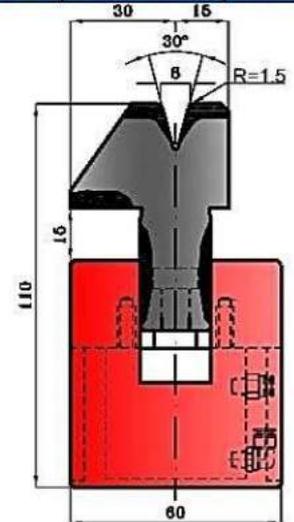
Amada - Promecam

Matryce zagniatające / Flattening dies

35° Cod. 30.390/PN 60 T/m

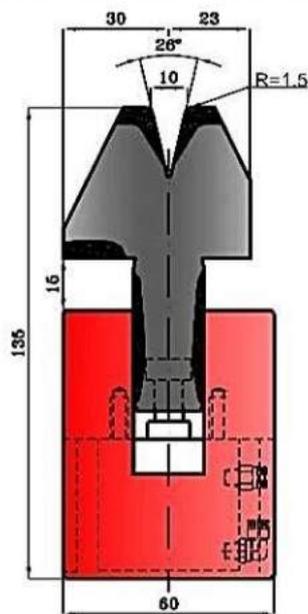


30° Cod. 30.410/PN 80 T/m

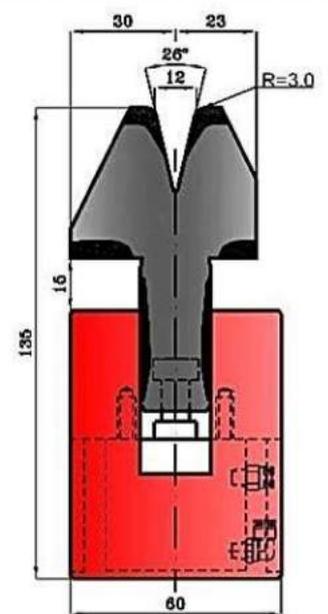


Cod. 43.130

26° Cod. 30.380/PN 100T/m



26° Cod. 30.400/PN 100T/m



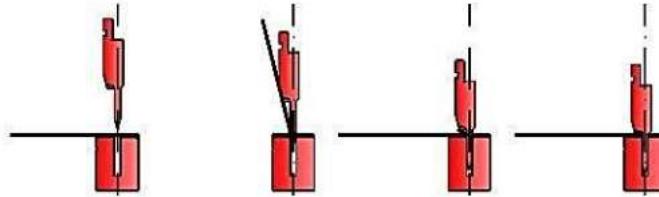
MATERIAL - ACC.R ~ 40 Kg/mm ²				
S(mm)	(t/m)	T(mm)	(t/m)	2S(mm)
0.6	9	3	23	1.2
0.8	12	3	32	1.6
1.0	15	3.5	40	2.0
1.25	17	3.5	50	2.5
1.5	22	4.6	63	3.0
2.0	30	5.5	80	4.0
2.5	55	6.5	90	5.0
3.0	70	8.0	100	6.0

MATERIAL - ACC.R ~ 70 Kg/mm ²				
S(mm)	(t/m)	T(mm)	(t/m)	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

Zestaw do zagniatania / Flattening tools

Amada - Promecam

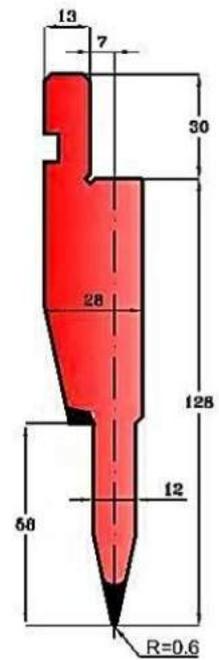
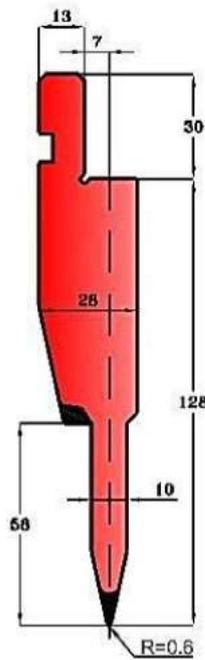
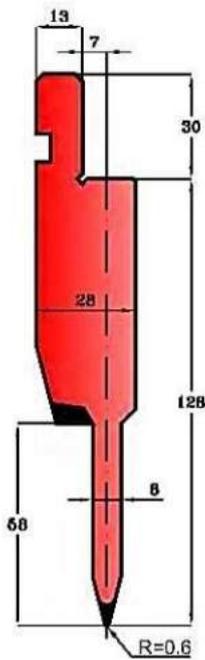
L=835
L=415
L=805 S



28° Cod.11.950 80 T/m

24° Cod.11.960 80 T/m

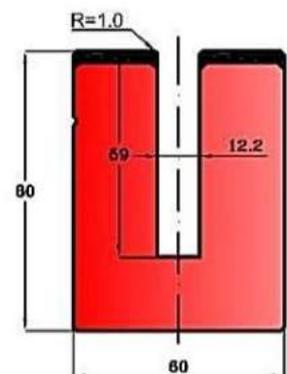
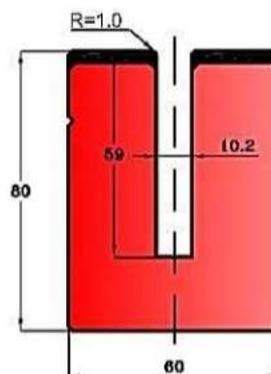
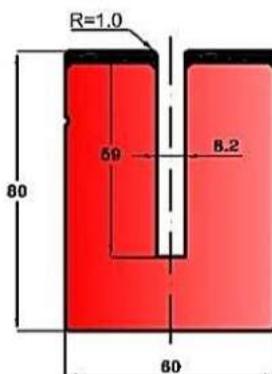
24° Cod.11.970 80 T/m



Cod.31.760 50 T/m

Cod.31.770 50 T/m

Cod.31.780 50 T/m

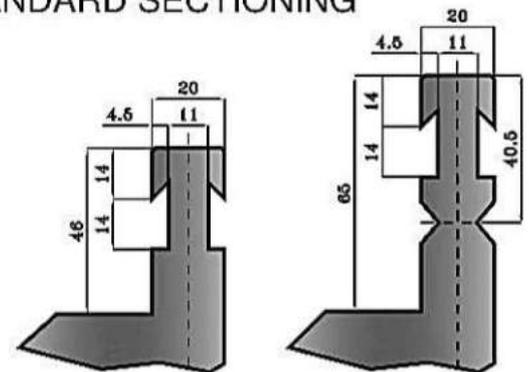
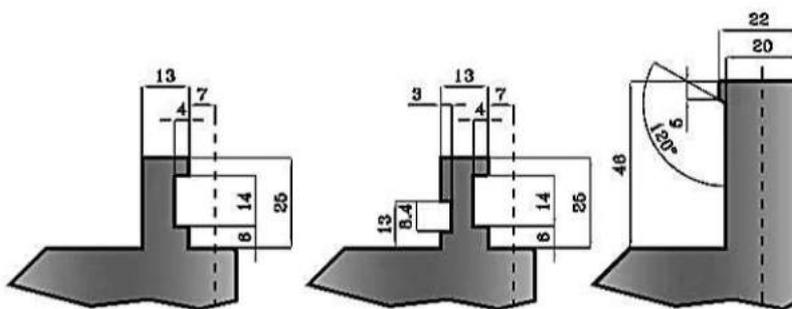
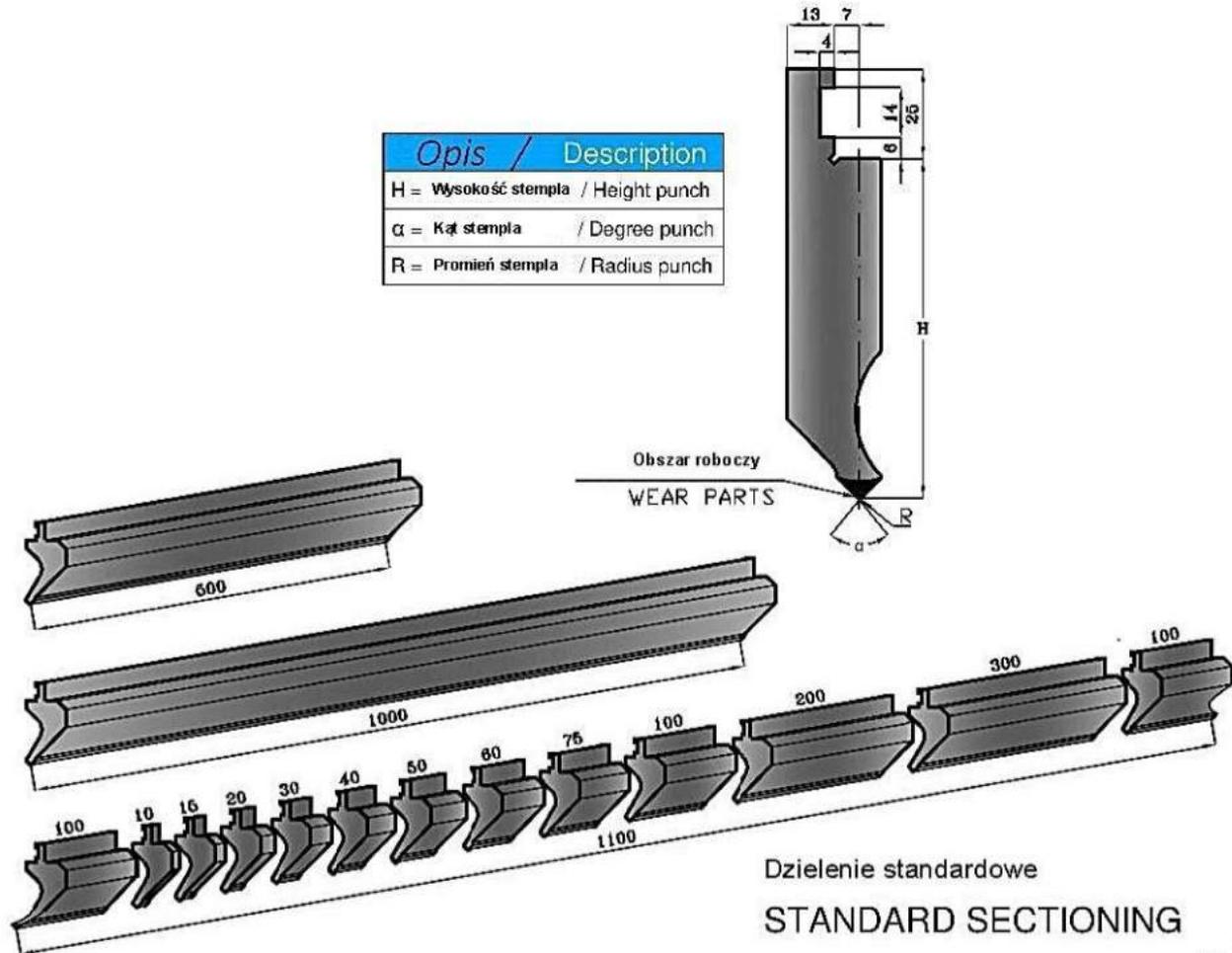


Stemple / Punches

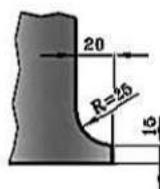
THE PUNCHES ARE AVAILABLE IN THE FOLLOWING STANDARD LENGTHS: 500 mm ; 1000 mm AND SECTIONED 1100 mm

Stemple są dostępne w standardowych odcinkach: 500mm, 1000mm i dzielony 1100mm

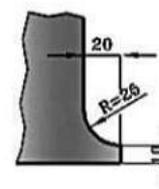
Opis /	Description
H = Wysokość stempla /	Height punch
α = Kąt stempla /	Degree punch
R = Promień stempla /	Radius punch



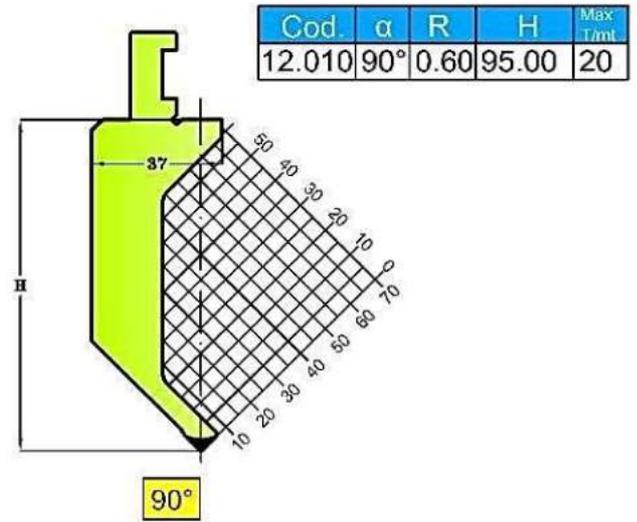
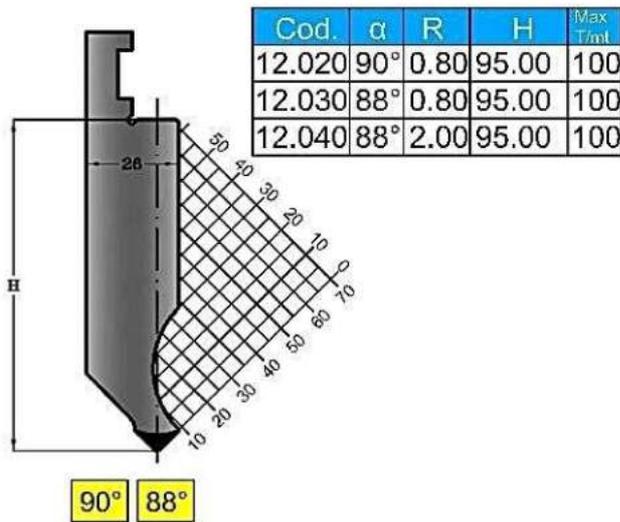
HORNS SCHEME STANDARD SECTIONING



HORNS SCHEME STANDARD SECTIONING

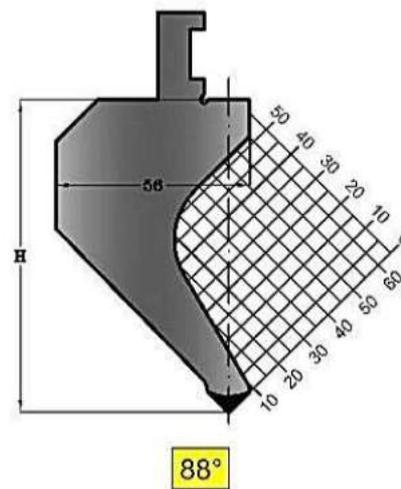
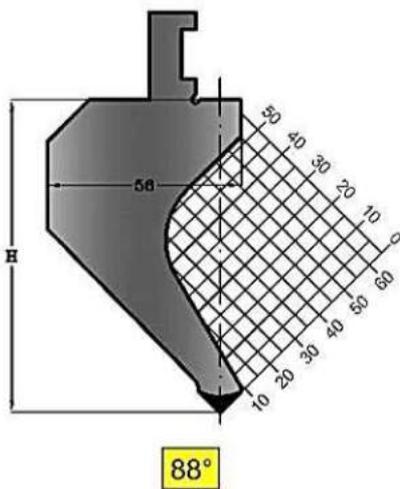


Stemple / Punches



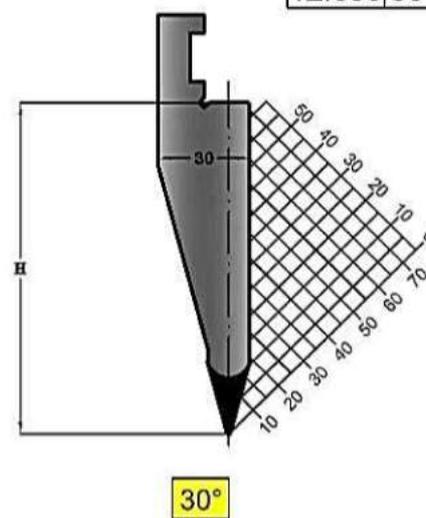
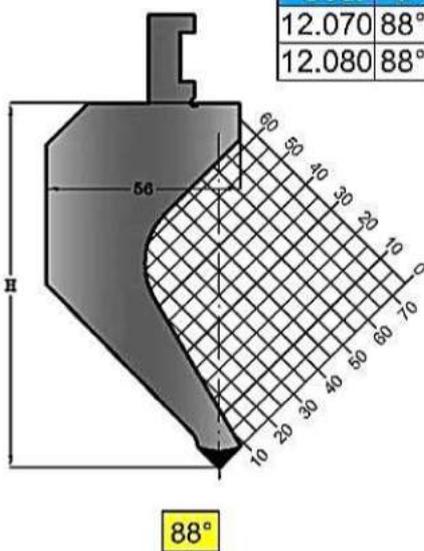
Cod.	α	R	H	Max T/mt
12.050	88°	0.80	89.64	60

Cod.	α	R	H	Max T/mt
12.060	88°	2.00	88.97	60



Cod.	α	R	H	Max T/mt
12.070	88°	0.80	104.50	50
12.080	88°	2.00	103.97	50

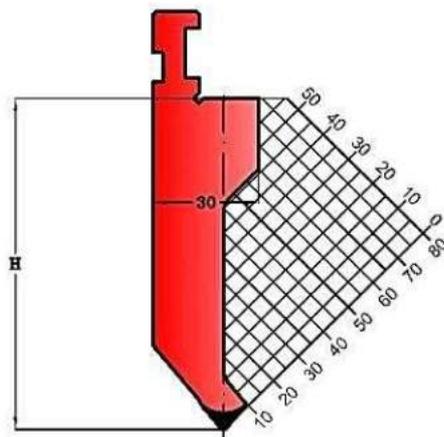
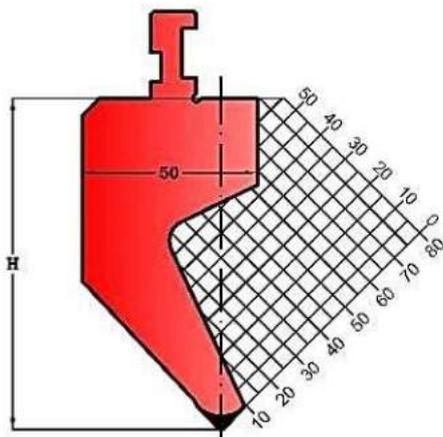
Cod.	α	R	H	Max T/mt
12.090	30°	0.60	95.00	100



Stemple / Punches

Cod.	α	R	H	Max T/ml
12.850	86°	1.00	95.00	100

Cod.	α	R	H	Max T/ml
12.860	80°	1.00	95.00	100

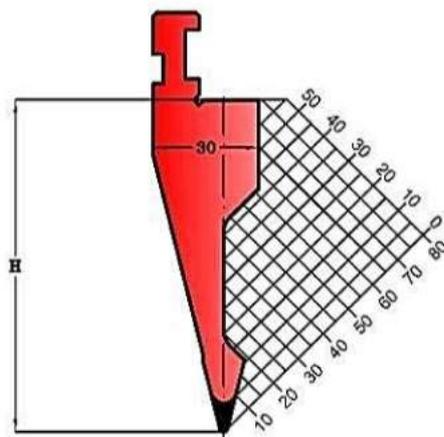
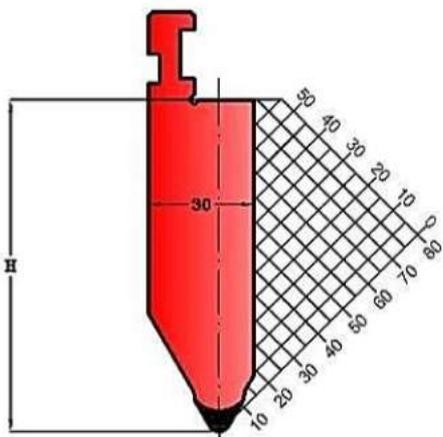


86°

80°

Cod.	α	R	H	Max T/ml
12.870	60°	3.00	95.00	100

Cod.	α	R	H	Max T/ml
12.880	28°	1.00	95.00	100

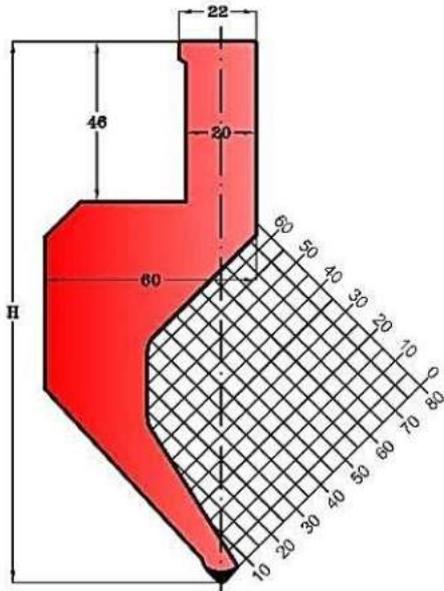


60°

28°

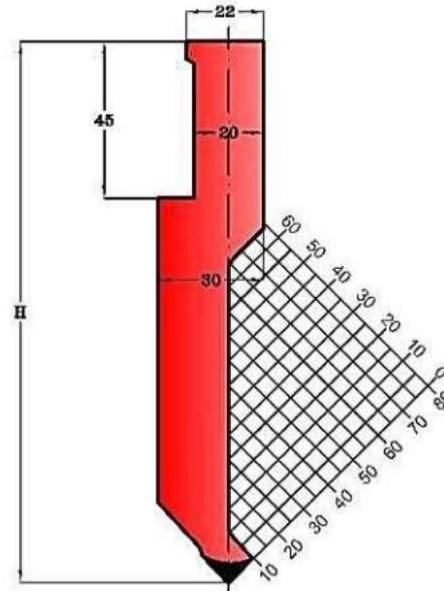
Stemple / Punches

Cod.	α	R	H	Max T/ml
12.100	85°	1.50	155.00	50
12.110	85°	0.80	155.00	50



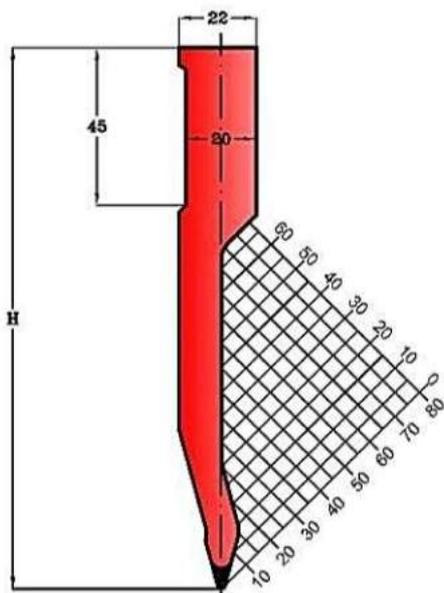
85°

Cod.	α	R	H	Max T/ml
12.120	85°	1.00	155.00	100



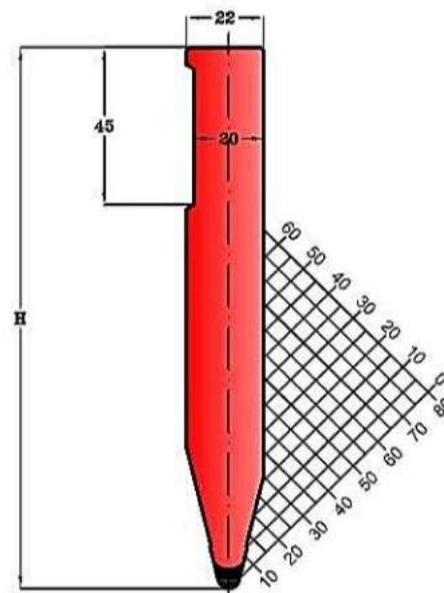
85°

Cod.	α	R	H	Max T/ml
12.130	30°	1.00	155.00	80
12.140	28°	1.00	155.00	80



30° 28°

Cod.	α	R	H	Max T/ml
12.150	28°	3.00	155.00	100



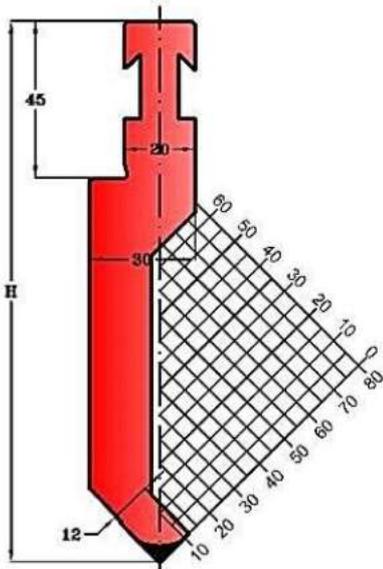
28°

Stemple / Punches

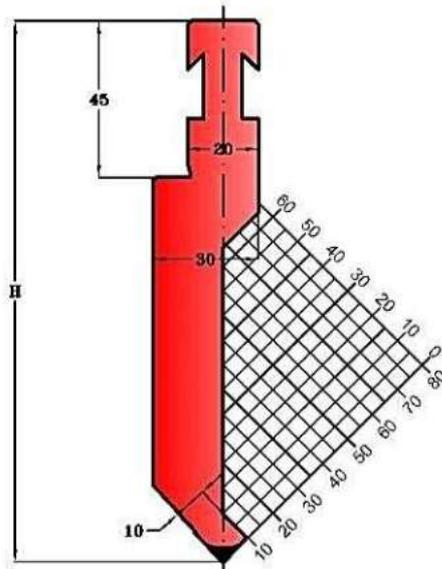
Cod.	α	R	H	Max T/ml
12.182	88°	1.00	155.00	100

Cod.	α	R	H	Max T/ml
12.180	85°	1.00	155.00	100
12.181	88°	1.00	155.00	100

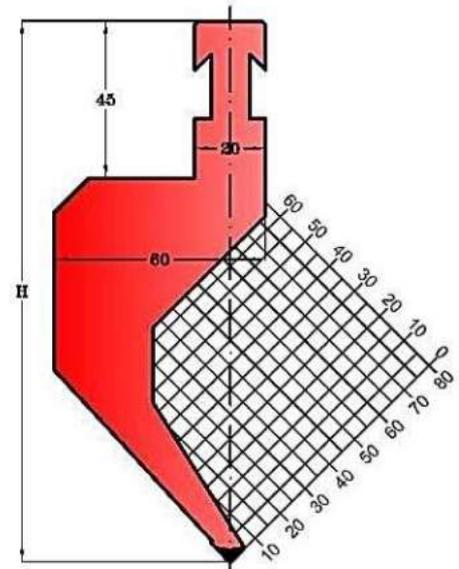
Cod.	α	R	H	Max T/ml
12.160	85°	1.50	155.00	50
12.170	85°	0.80	155.00	50
12.230	88°	1.50	155.00	50



88°



88° 85°

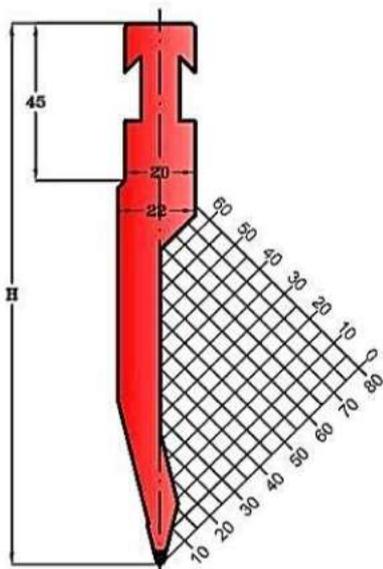


88° 85°

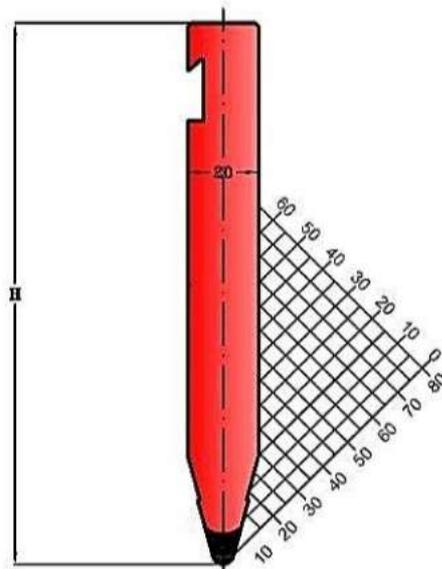
Cod.	α	R	H	Max T/ml
12.200	30°	1.00	155.00	80
12.210	28°	1.00	155.00	80

Cod.	α	R	H	Max T/ml
12.250	30°	3.00	155.00	50
12.260	30°	1.00	155.00	50

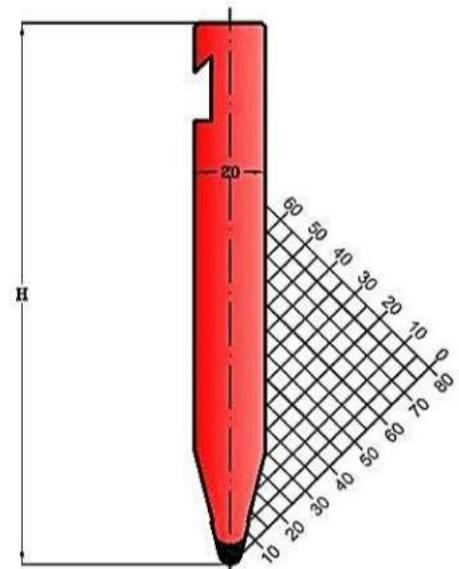
Cod.	α	R	H	Max T/ml
12.251	28°	3.00	155.00	100
12.252	28°	1.00	155.00	100



30° 28°



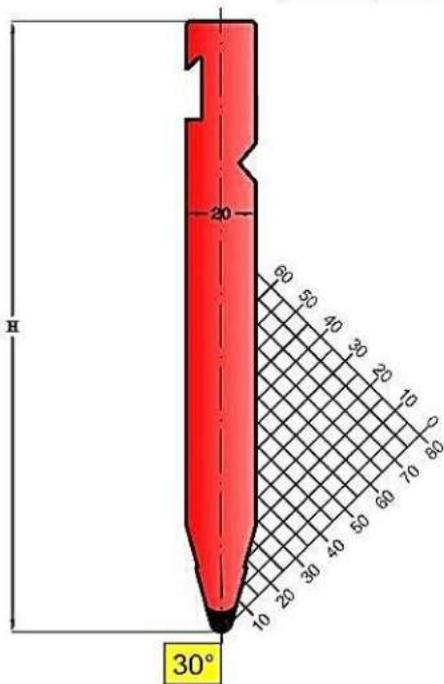
30°



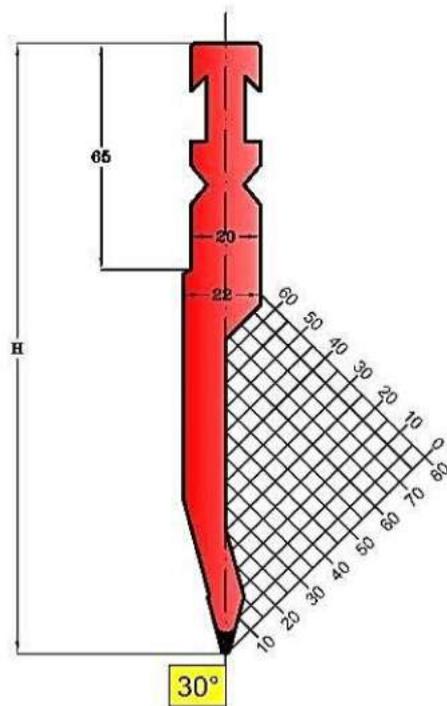
28°

Stemple / Punches

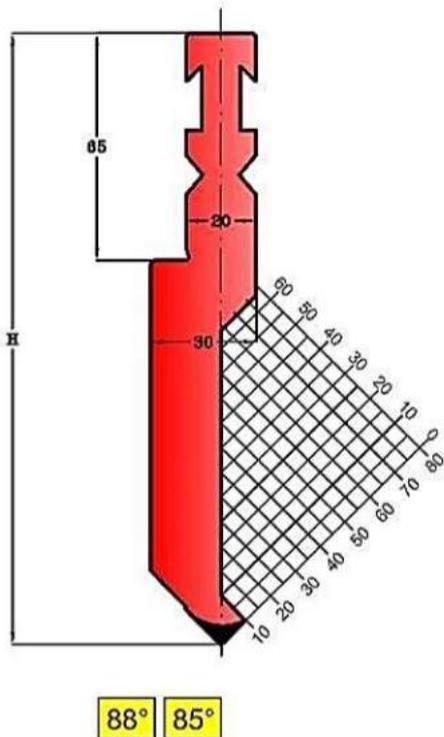
Cod.	α	R	H	Max T/ml
12.320	30°	1.00	175.00	100
12.310	30°	3.00	175.00	100



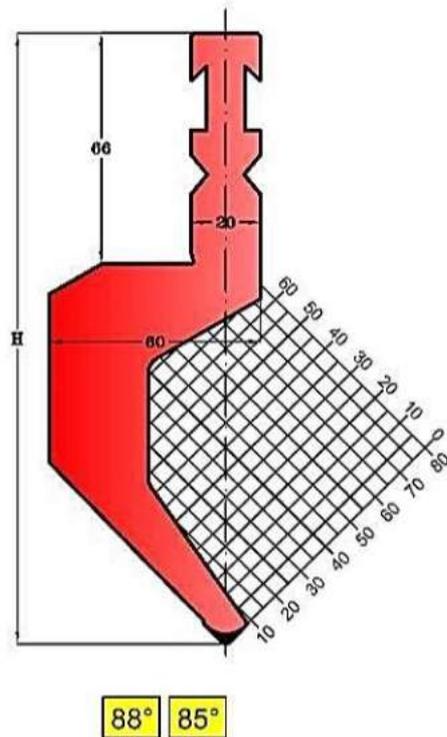
Cod.	α	R	H	Max T/ml
12.300	30°	1.00	175.00	80



Cod.	α	R	H	Max T/ml
12.290	88°	1.00	175.00	100
12.291	85°	1.00	175.00	100



Cod.	α	R	H	Max T/ml
12.270	88°	1.50	175.00	50
12.271	85°	1.00	175.00	50



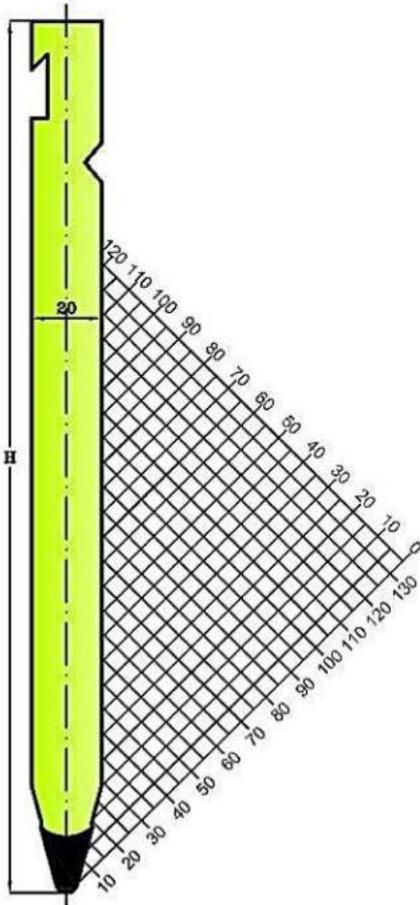
Stemple / Punches

Beyeler

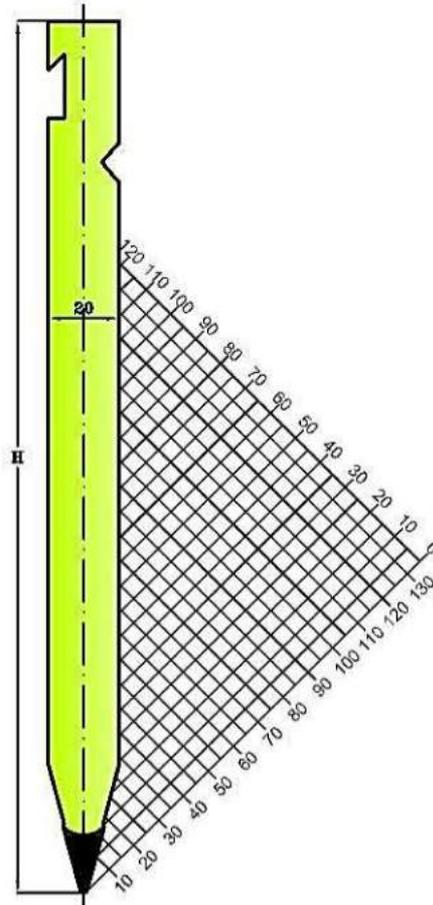
Cod.	α	R	H	Max T _{int.}
12.991	30°	3.00	250.00	100

Cod.	α	R	H	Max T _{int.}
12.992	30°	1.00	250.00	100

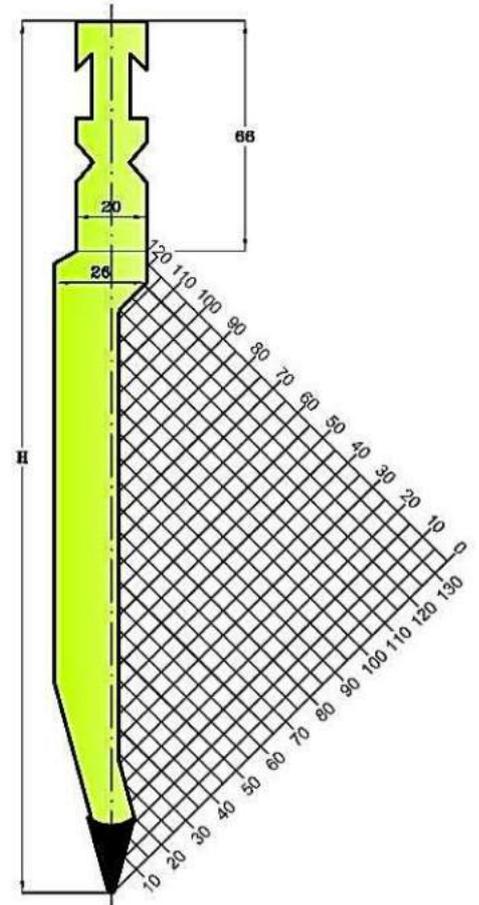
Cod.	α	R	H	Max T _{int.}
12.993	30°	1.00	250.00	80
12.994	26°	1.00	250.00	80



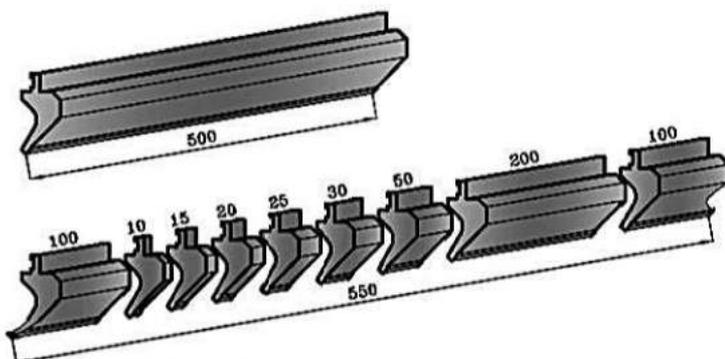
30°



30°

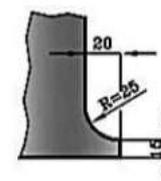


30° 26°



Dzielenie standardowe
STANDARD SECTIONING

HORNS SCHEME STANDARD SECTIONING

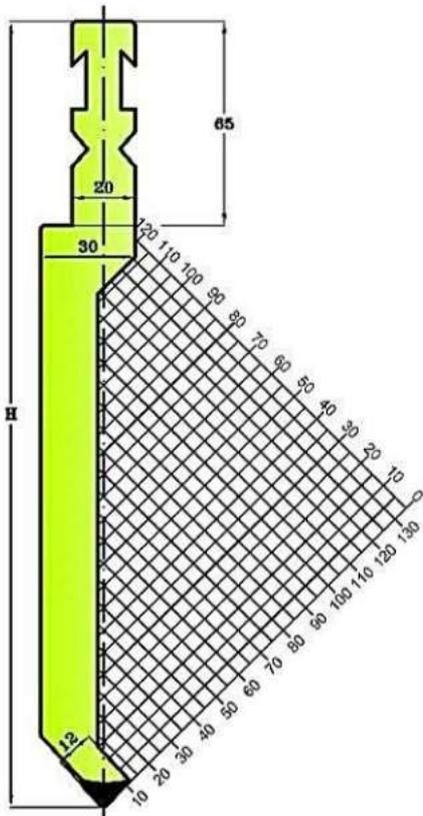


Stemple / Punches

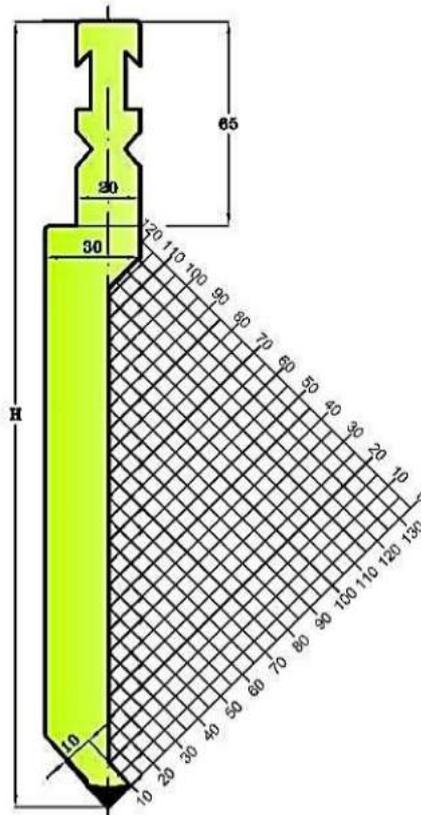
Cod.	α	R	H	Max T/mt
12.997	85°	1.50	250.00	50

Cod.	α	R	H	Max T/mt
12.996	85°	1.00	250.00	100

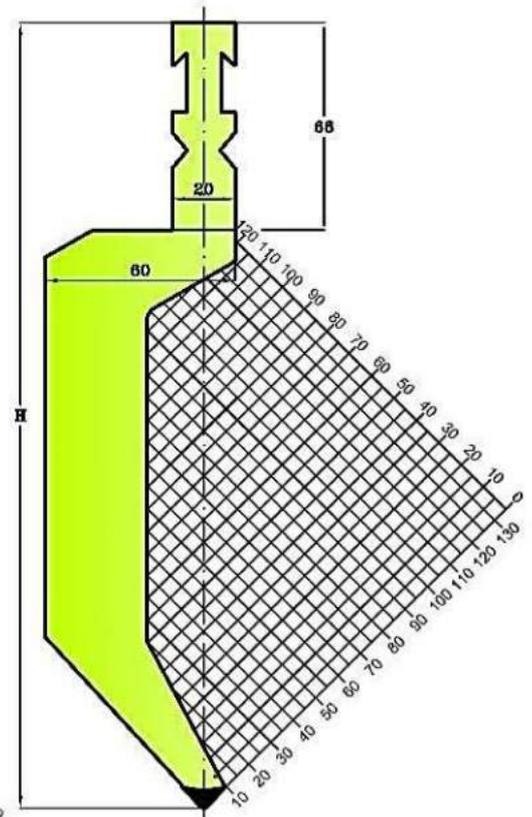
Cod.	α	R	H	Max T/mt
12.995	85°	1.00	250.00	100



85°



85°



85°

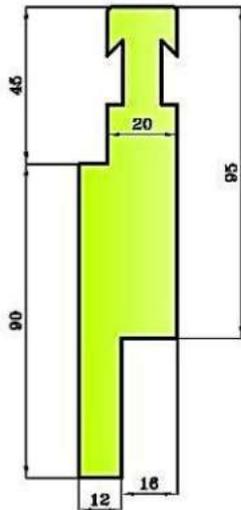
Stemple / Punches

BEYELER - R

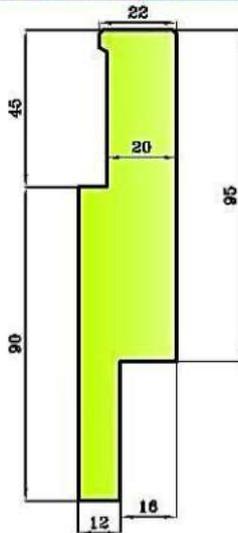
BEYELER - S

BEYELER - RFA

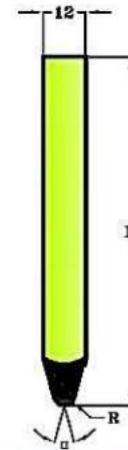
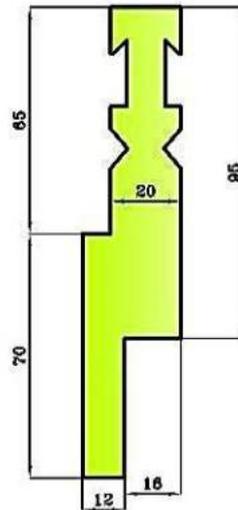
Cod.10.441 100 T/m



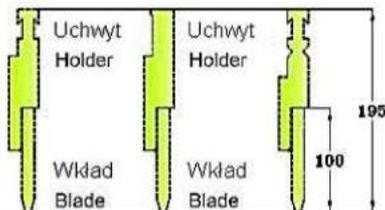
Cod.10.442 100 T/m



Cod.10.443 100 T/m



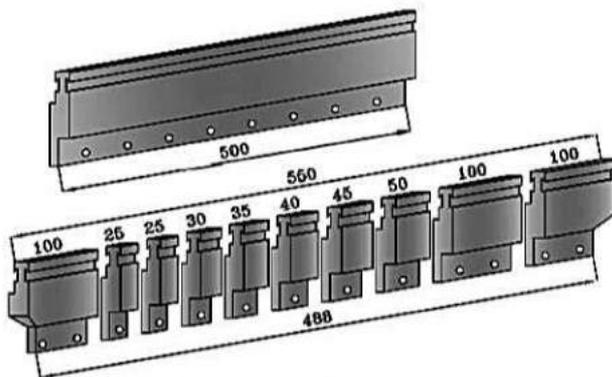
Cod.	α	R	H	Max T/m
13.500	28°	0.50	100.00	100
13.501	28°	1.00	100.00	100
13.502	28°	2.00	100.00	100
13.503	28°	3.00	100.00	100
13.504	28°	4.00	100.00	100
13.505	28°	5.00	100.00	100
13.506	28°	6.00	100.00	100



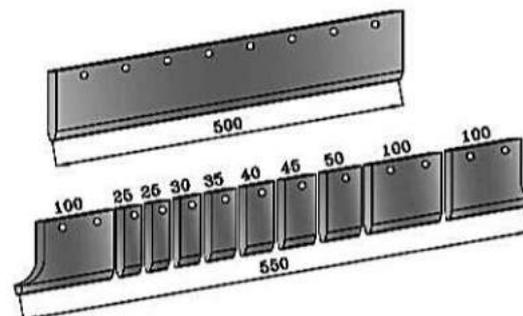
Cod.	α	R	H	Max T/m
13.520	84°	1.00	100.00	100

Cod.	α	R	H	Max T/m
13.530	86°	1.00	100.00	100

Cod.	α	R	H	Max T/m
13.550	90°	0.50	100.00	100
13.551	90°	1.00	100.00	100
13.552	90°	1.50	100.00	100
13.553	90°	2.00	100.00	100



Dzielenie standardowe
STANDARD SECTIONING



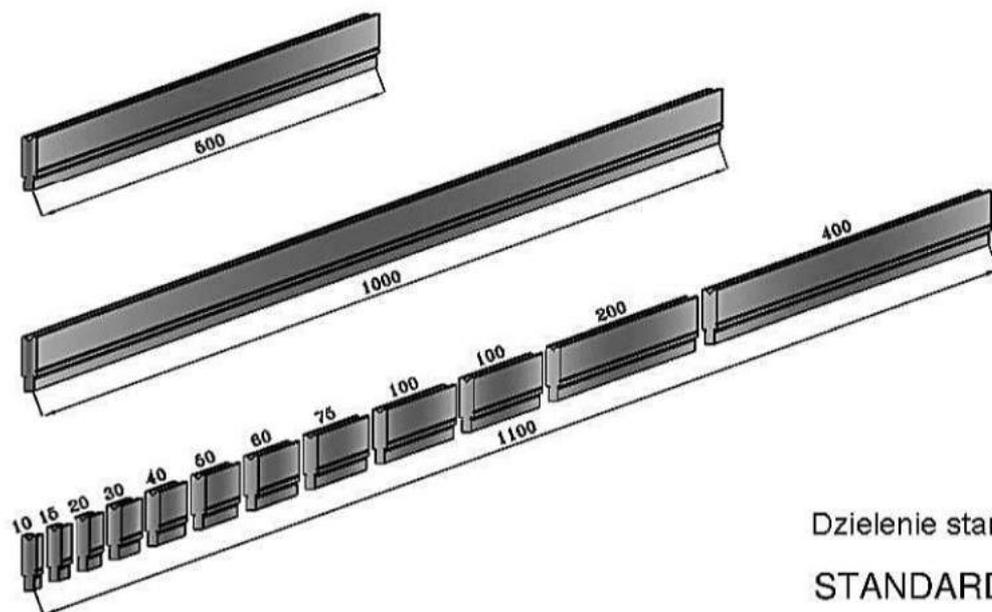
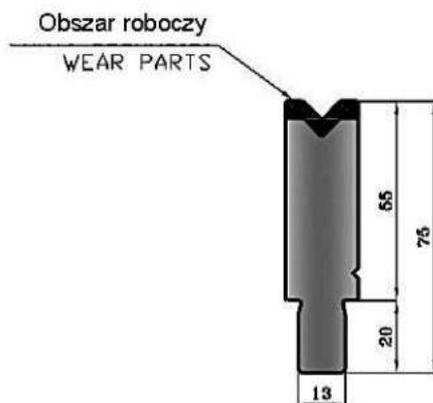
Dzielenie standardowe
STANDARD SECTIONING

Matryce / Dies

Beyeler/Safan

Matryce są dostępne w standardowych odcinkach: 500mm, 1000mm i dzielony 1100mm

THE DIES ARE AVAILABLE IN THE FOLLOWING STANDARD LENGTHS: 500 mm ; 1000 mm AND SECTIONED 1100 mm

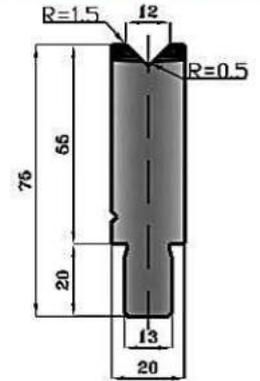
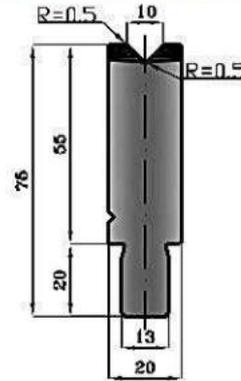
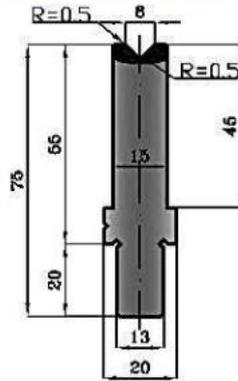
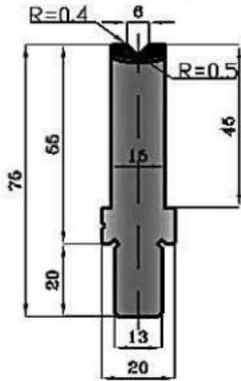


Dzielenie standardowe
STANDARD SECTIONING

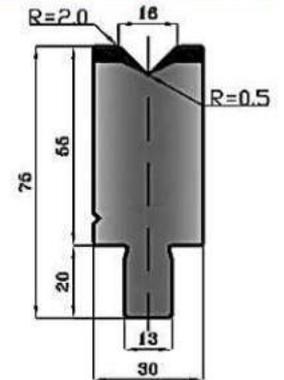
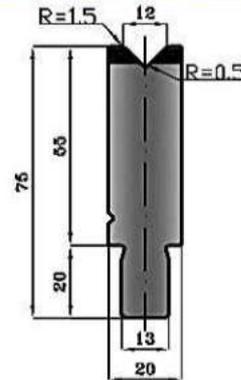
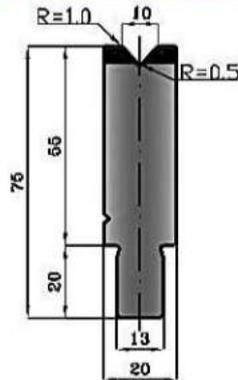
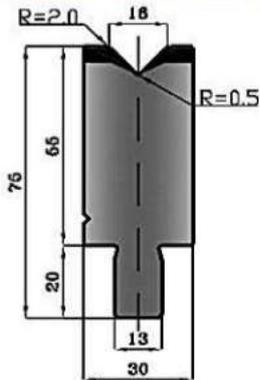
Matryce / Dies

Beyeler/Safan

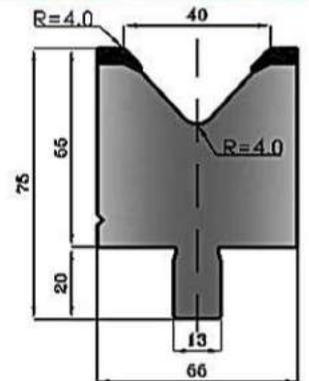
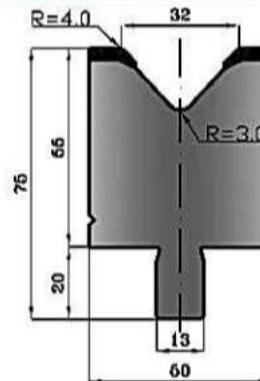
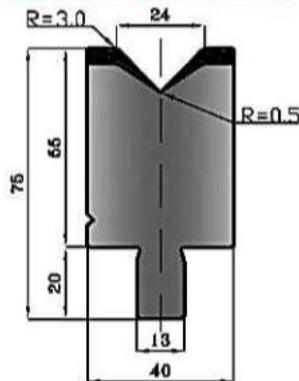
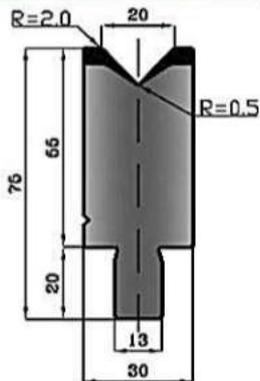
90° Cod. 31.010 100 T/m 90° Cod. 31.020 100 T/m 90° Cod. 31.030 100 T/m 90° Cod. 31.040 100 T/m



90° Cod. 31.050 100 T/m 88° Cod. 31.060 100 T/m 88° Cod. 31.070 100 T/m 88° Cod. 31.080 100 T/m

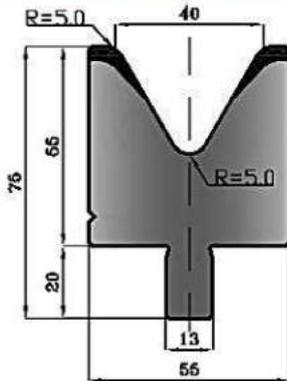


88° Cod. 31.090 100 T/m 88° Cod. 31.100 100 T/m 85° Cod. 31.110 100 T/m 85° Cod. 31.120 100 T/m

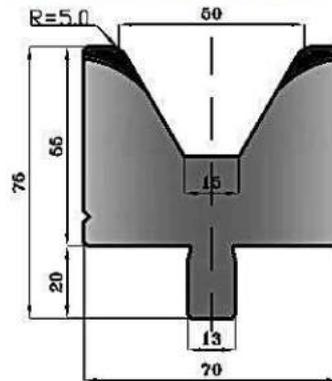


Matryce / Dies

60° Cod.31.130 100 T/m

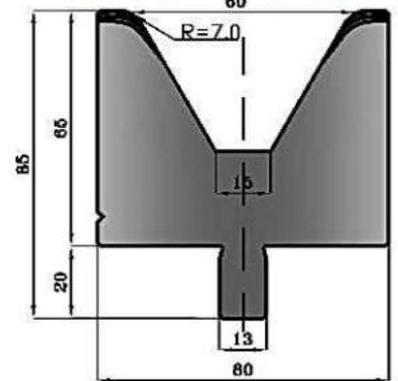


60° Cod.31.790 100 T/m

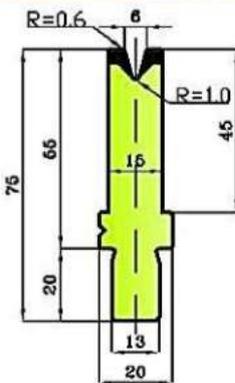


Beyeler/Safan

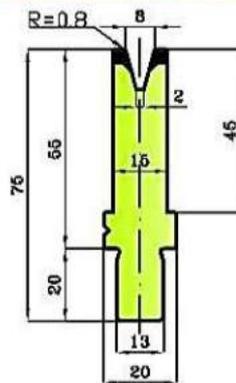
60° Cod.31.140 100 T/m



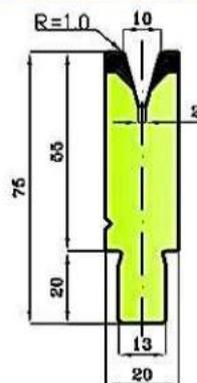
30° Cod.31.150 35 T/m



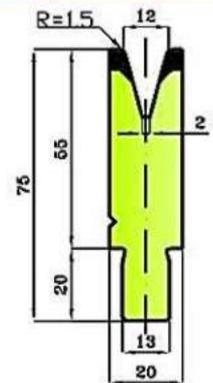
30° Cod.31.160 35 T/m



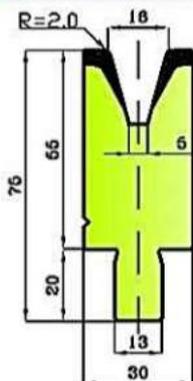
30° Cod.31.170 50 T/m



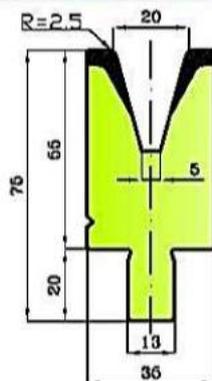
30° Cod.31.180 40 T/m



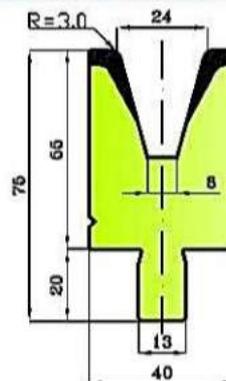
30° Cod.31.190 45 T/m



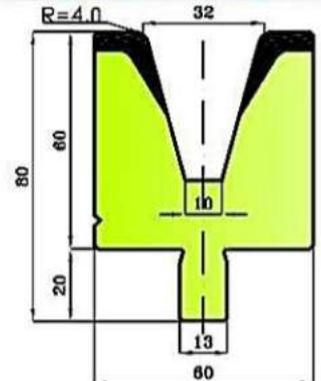
30° Cod.31.200 50 T/m



30° Cod.31.210 50 T/m



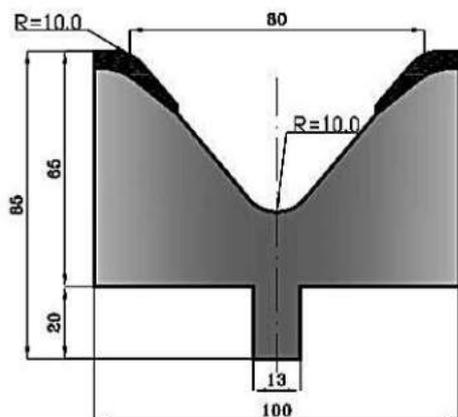
30° Cod.31.220 50 T/m



Matryce / Dies

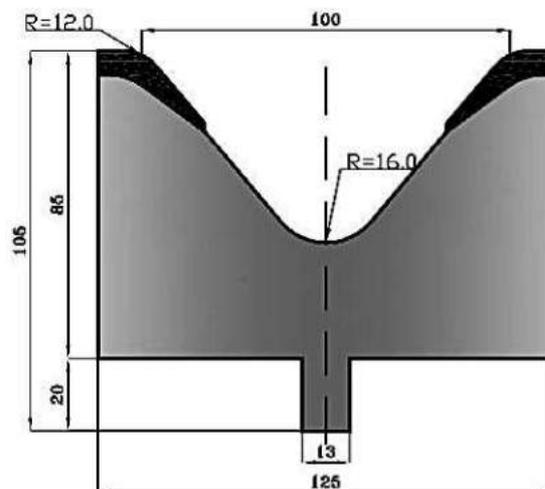
Beyeler/Safan

80° Cod.31.101 100 T/m



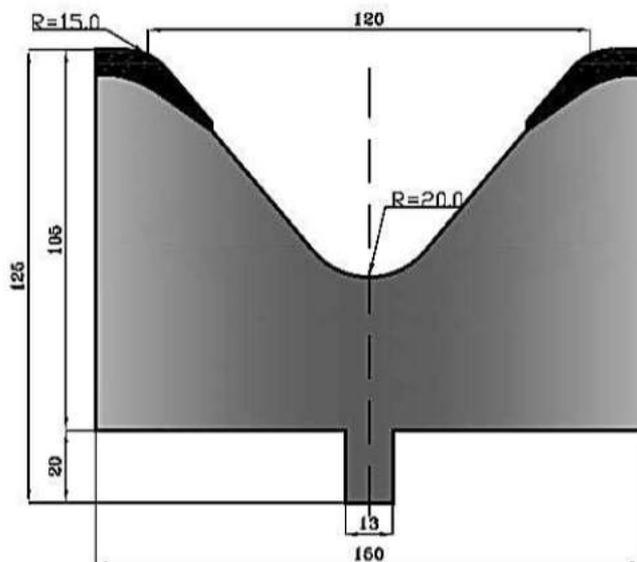
80°

80° Cod.31.102 100 T/m



80°

80° Cod.31.103 100 T/m

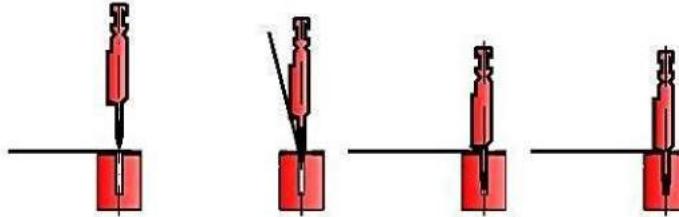


80°

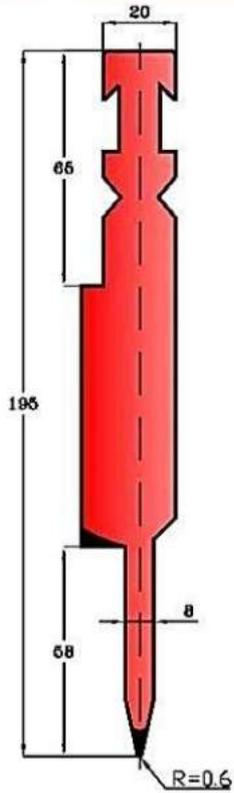
Zestaw do zagniatania / Flattening-hemming tool

Beyeler/RFA

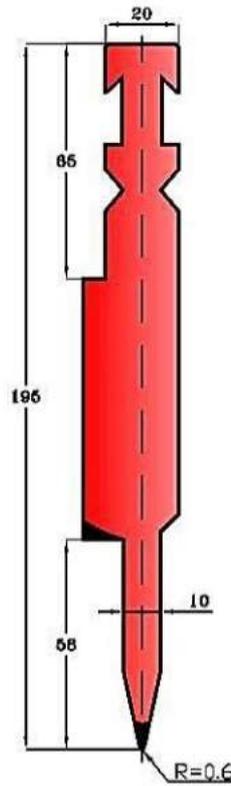
L=500
L=550 S



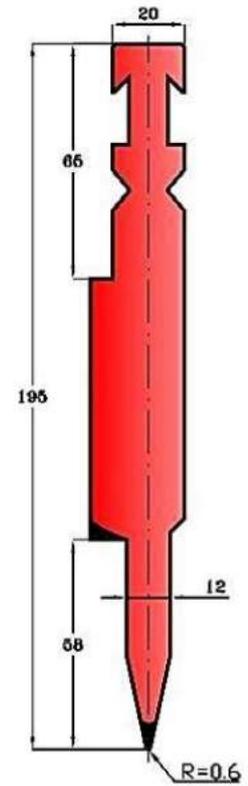
24° Cod.12.520 80 T/m



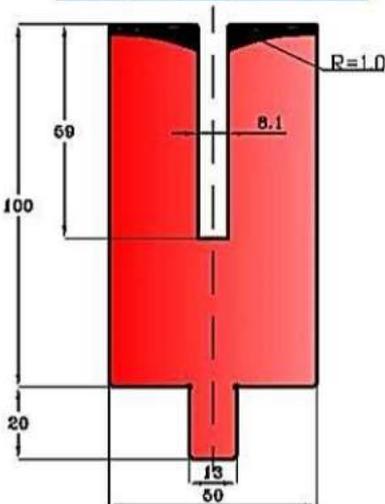
24° Cod.12.530 80 T/m



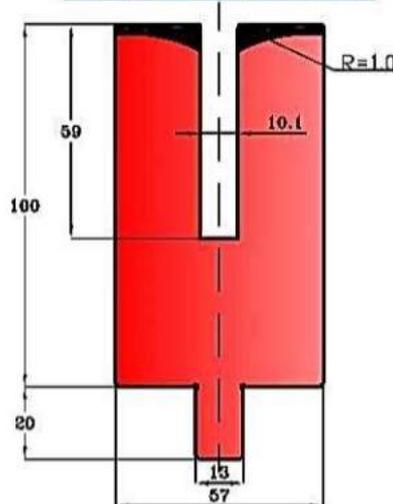
24° Cod.12.540 80 T/m



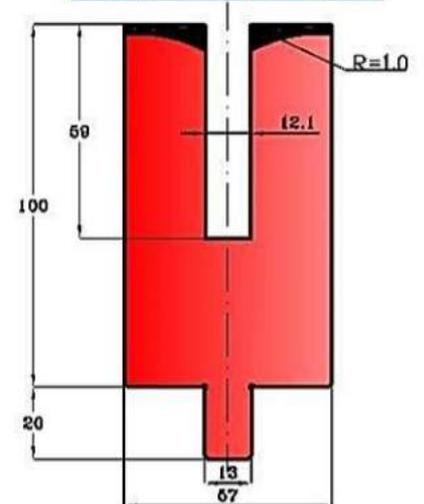
Cod.31.570 50 T/m



Cod.31.740 50 T/m



Cod.31.750 50 T/m



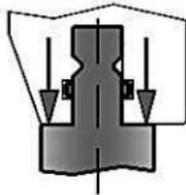
Stemple / Punches

Wila / Trumpf

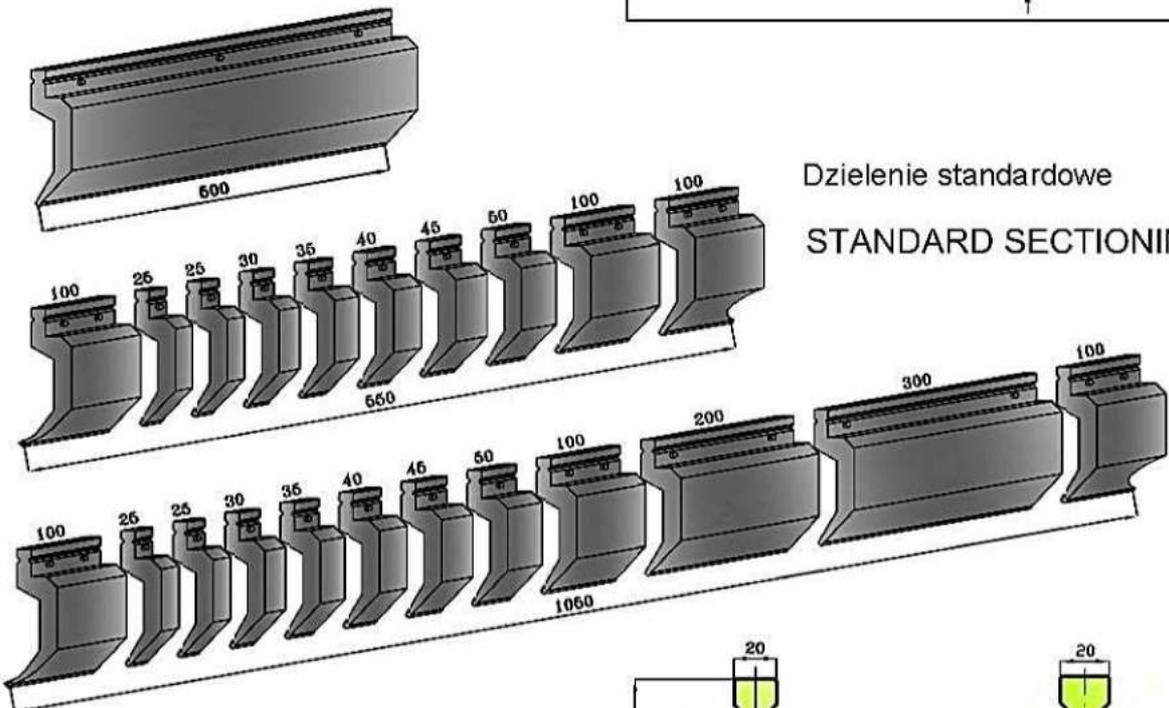
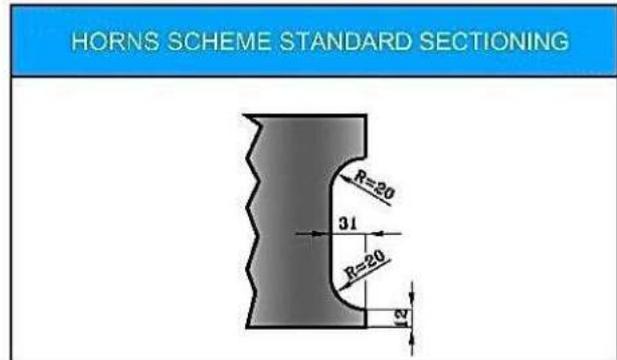
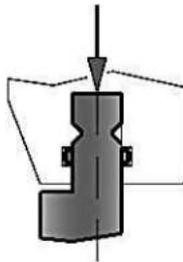
Stemple są dostępne w standardowych odcinkach: 500mm, dzielony 550mm, 1050mm

THE PUNCHES ARE AVAILABLE IN THE FOLLOWING STANDARD LENGTHS: 500 mm AND SECTIONED 550 mm ; 1050 mm

Nacisk na ramiona
PRESURE ON THE SHOULDERS

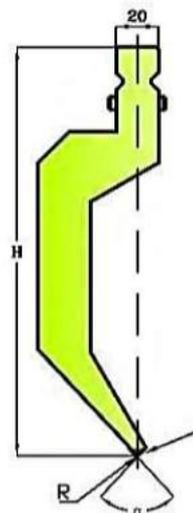
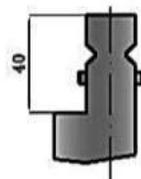
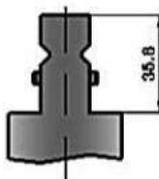


Nacisk na głowicę
PRESURE ON THE HEAD

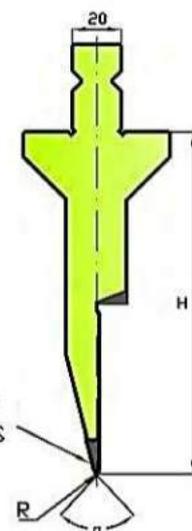


Dzielenie standardowe
STANDARD SECTIONING

Opis / Description
H = Wysokość stempla / Height punch
α = Kąt stempla / Degree punch
R = Promień stempla / Radius punch



Część robocza
WEAR PARTS

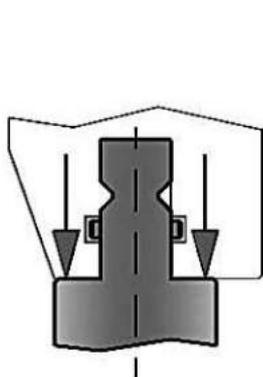


Szybka wymiana / Fast change bottom

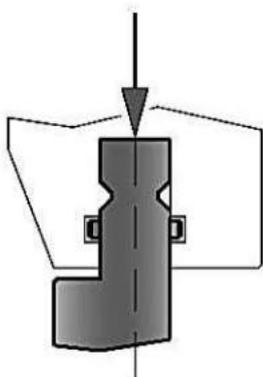
Wila / Trumpf

Oprzyrządowanie dla pras krawędziowych Wila / Trumpf TOOLING FOR PRESS BRAKES TYPE WILA - TRUMPF

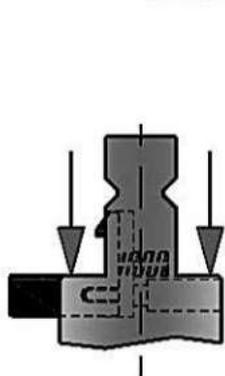
Nacisk na ramiona
PRESURE ON THE SHOULDERS



Nacisk na głowicę
PRESURE ON THE HEAD



WITH SAFETY CLICK



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

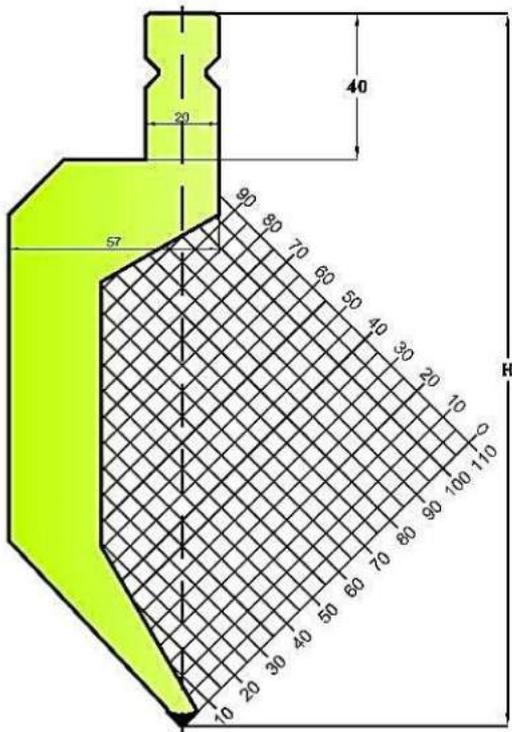
12.942-12.943 odcinek 500mm nie jest dostępny

12.942 - 12.943 , LENGTH 500 mm IS NOT AVAILABLE.

Stemple / Punches

Wila / Trumpf

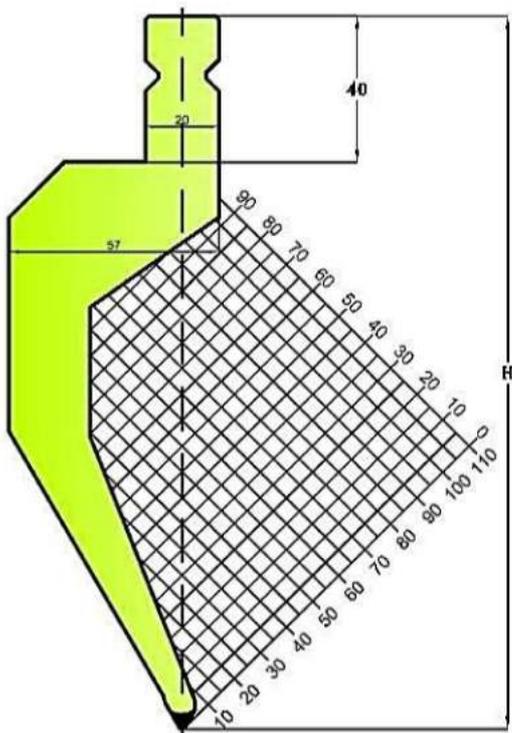
Cod.	α	R	H	Max T/mł
12.330	86°	0.80	195.00	40



86°

PUNCH WITH PUSH BUTTON			
L=(mm)			KG
100 200 300 500 550 F			19
100 200 300 550 F			

Cod.	α	R	H	Max T/mł
12.360	60°	0.80	195.00	40



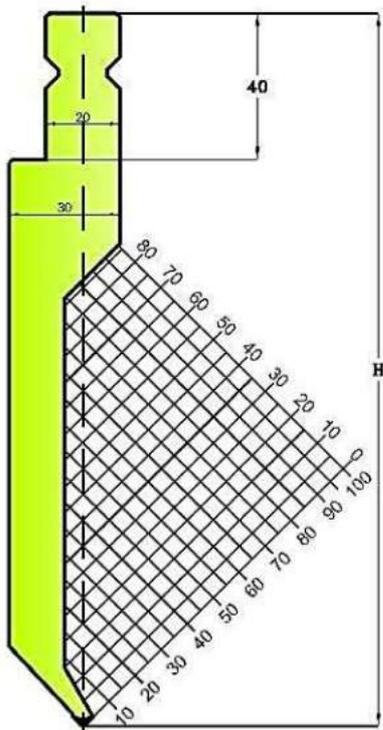
60°

PUNCH WITH PUSH BUTTON			
L=(mm)			KG
100 200 300 500 550 F			17,5
100 200 300 550 F			

Stemple / Punches

Wila / Trumpf

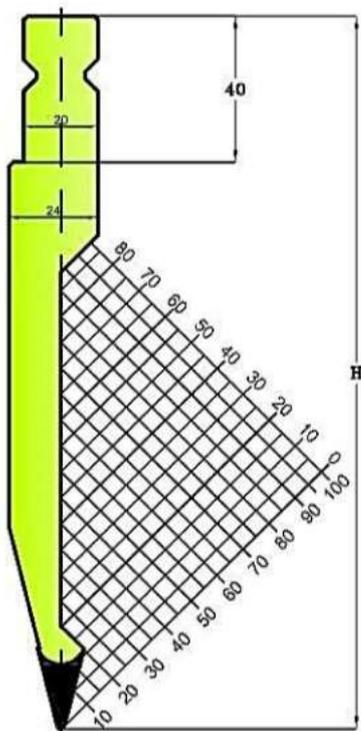
Cod.	α	R	H	Max T/mł
12.340	86°	0.60	195.00	30



86°

PUNCH WITH PUSH BUTTON			
L=(mm)			KG
100 200 300 500 550 F			13,5
100 200 300 550 F			

Cod.	α	R	H	Max T/mł
12.380	28°	1.00	195.00	80



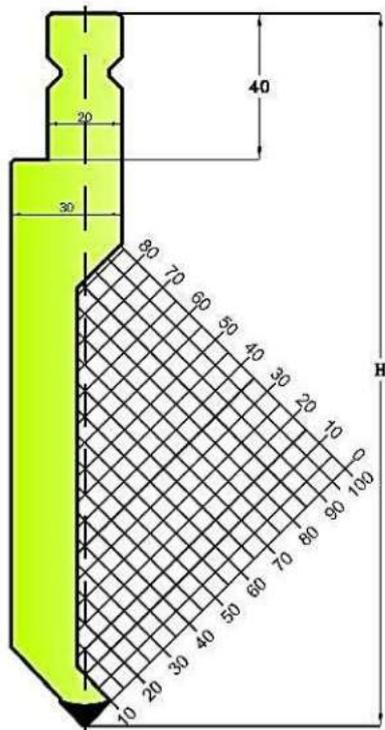
28°

PUNCH WITH PUSH BUTTON			
L=(mm)			KG
100 200 300 500 550 F			11,5
100 200 300 500 550 F			11,5

Stemple / Punches

Wila / Trumpf

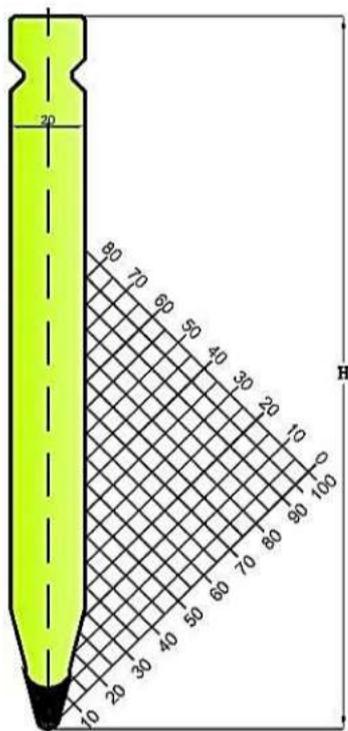
Cod.	α	R	H	Max T/mł
12.350	86°	0.80	195.00	80



86°

PUNCH WITH PUSH BUTTON			
L=(mm)			KG
100 200 300 500 550 F			15
100 200 300 550 F			

Cod.	α	R	H	Max T/mł
12.370	28°	3.00	195.00	100



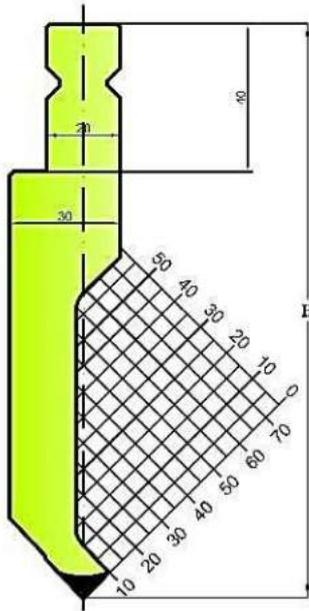
28°

PUNCH WITH PUSH BUTTON			
L=(mm)			KG
100 200 300 500 550 F			14
100 200 300 550 F			

Stemple / Punches

Wila / Trumpf

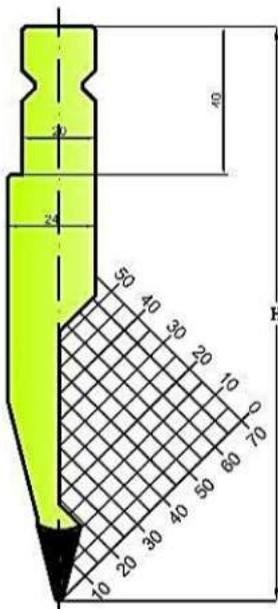
Cod.	α	R	H	Max T/mł
12.331	86°	1.00	157.00	80



86°

PUNCH WITH PUSH BUTTON			
L=(mm)			KG
100 200 300 500 550 F			12
100 200 300 500 550 F			12

Cod.	α	R	H	Max T/mł
12.332	28°	1.00	157.00	80



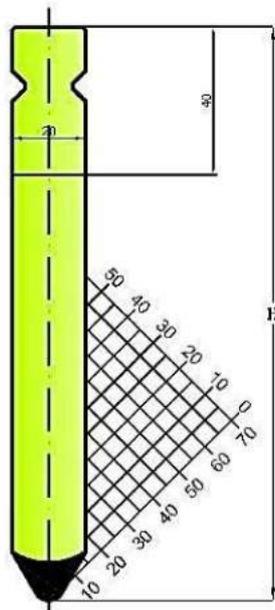
28°

PUNCH WITH PUSH BUTTON			
L=(mm)			KG
100 200 300 500 550 F			10
100 200 300 500 550 F			10

Stemple / Punches

Wila / Trumpf

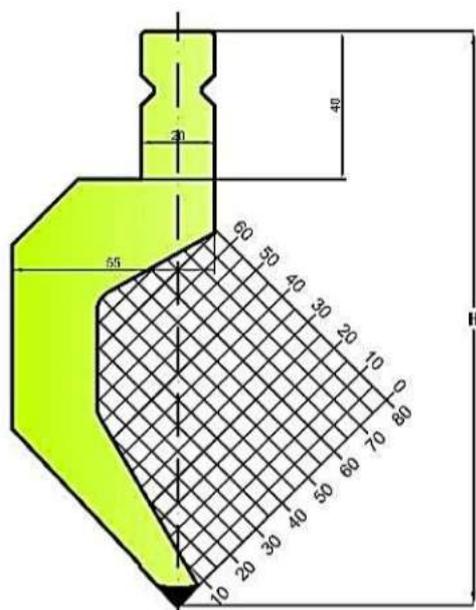
Cod.	α	R	H	Max T/mł
12.333	60°	4.00	157.00	130



60°

PUNCH WITH PUSH BUTTON			
L=(mm)			KG
100 200 300 500 550 F			12
100 200 300 500 550 F			12

Cod.	α	R	H	Max T/mł
12.334	86°	1.00	157.00	80



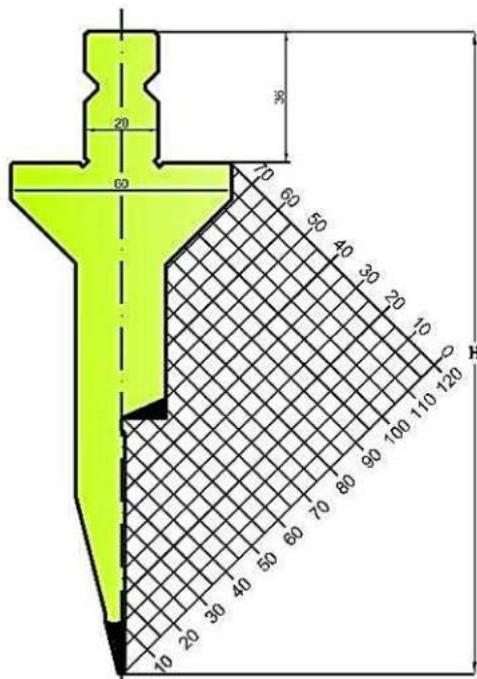
86°

PUNCH WITH PUSH BUTTON			
L=(mm)			KG
100 200 300 500 550 F			14,5
100 200 300 500 550 F			

Stemple / Punches

Wila / Trumpf

Cod.	α	R	H	Max T/mł
12.335	28°	1.00	176.00	40

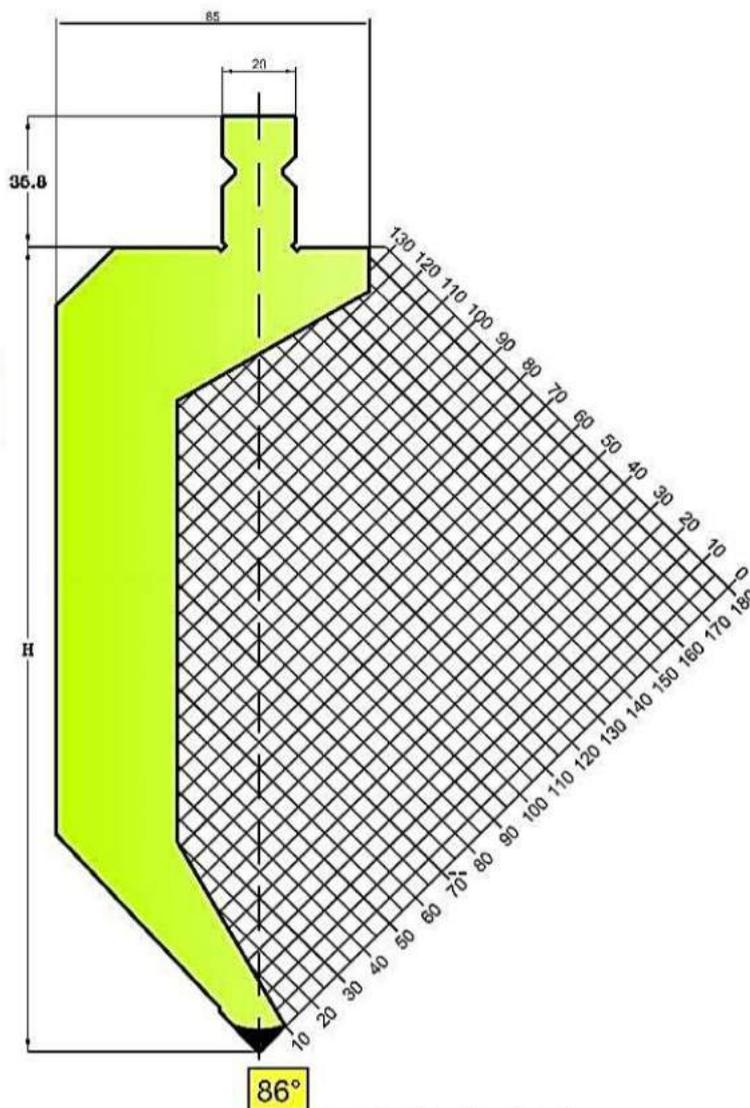


PUNCH WITH PUSH BUTTON			
L=(mm)			KG
100 200 300 500 550 F			14,5
100 200 300 550 F			

28°

Cod.	α	R	H	Max T/mł
12.940	86°	1.00	220.00	60

PUNCH WITH PUSH BUTTON			
L=(mm)			KG
100 200 300 500 550 F			33,5
100 550 F			



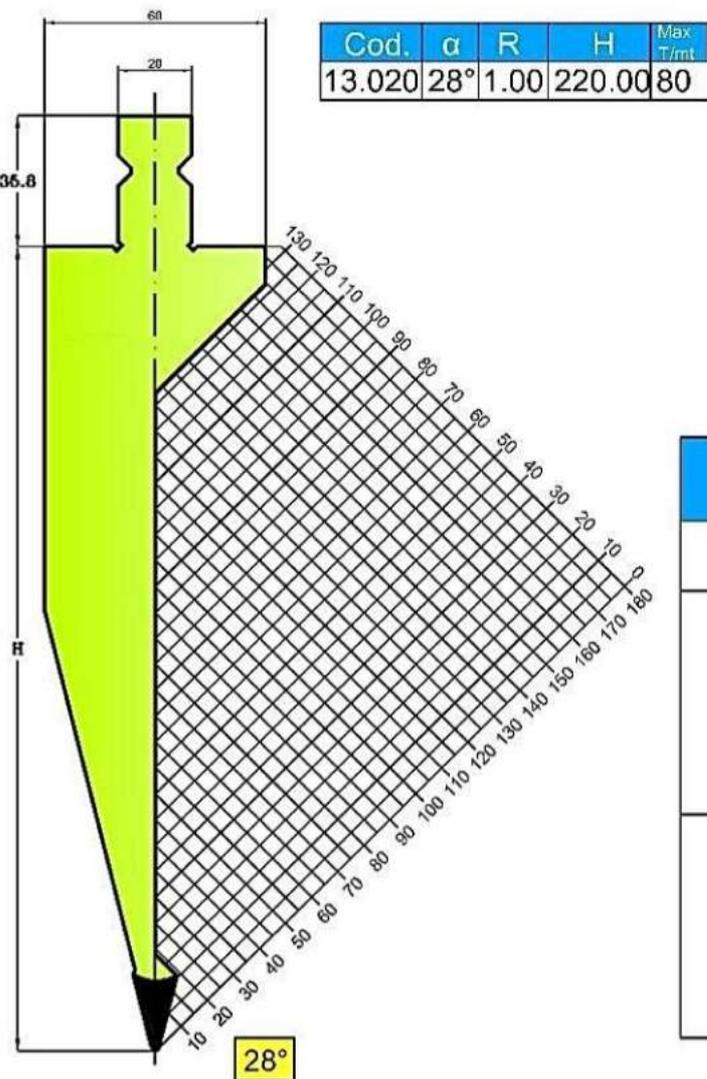
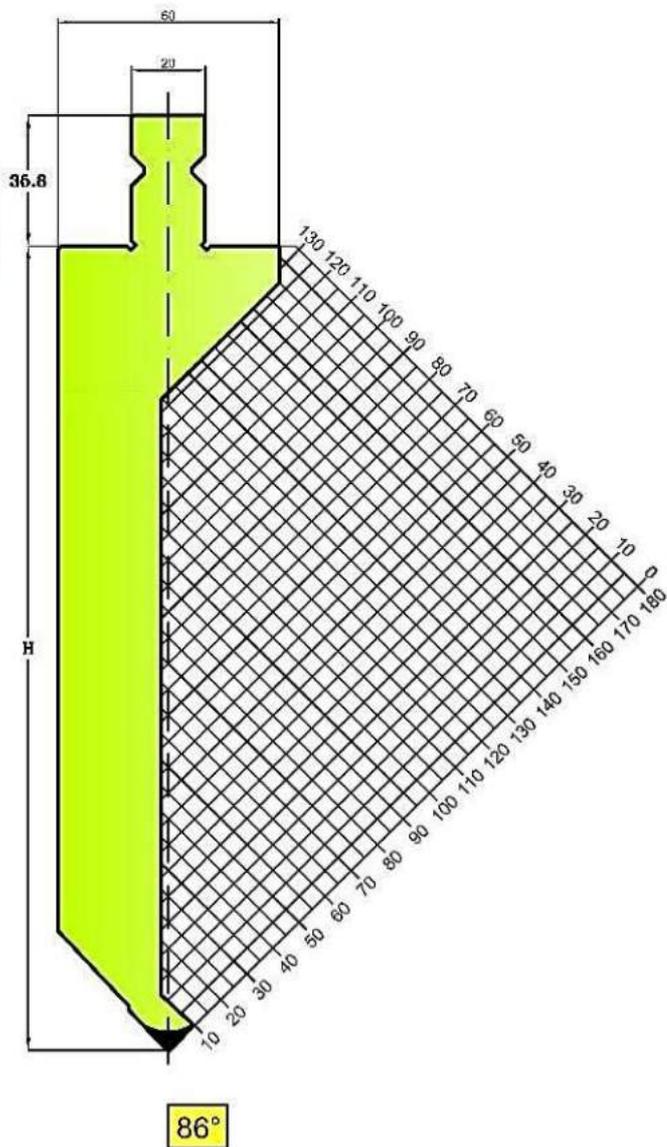
86°

Stemple / Punches

Wila / Trumpf

Cod.	α	R	H	Max T/mt
12.941	86°	1.00	220.00	80

PUNCH WITH PUSH BUTTON			
L=(mm)			KG
100 200 300 500 550 F			28,5
100 200 550 F			



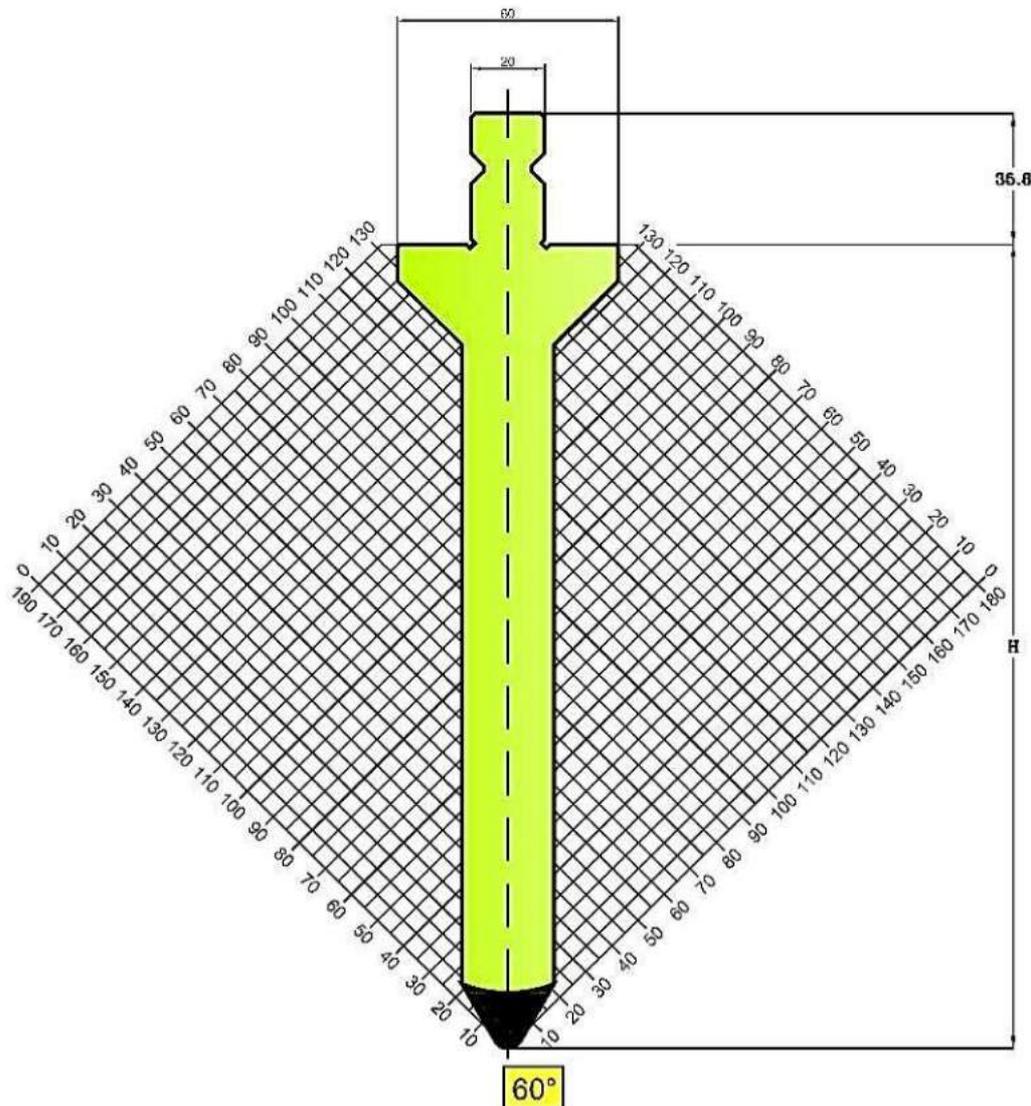
Cod.	α	R	H	Max T/mt
13.020	28°	1.00	220.00	80

PUNCH WITH PUSH BUTTON			
L=(mm)			KG
100 200 300 500 550 F			25
100 200 550 F			

Stemple / Punches

Wila / Trumpf

Cod.	α	R	H	Max T/mt
13.030	60°	4.00	220.00	100



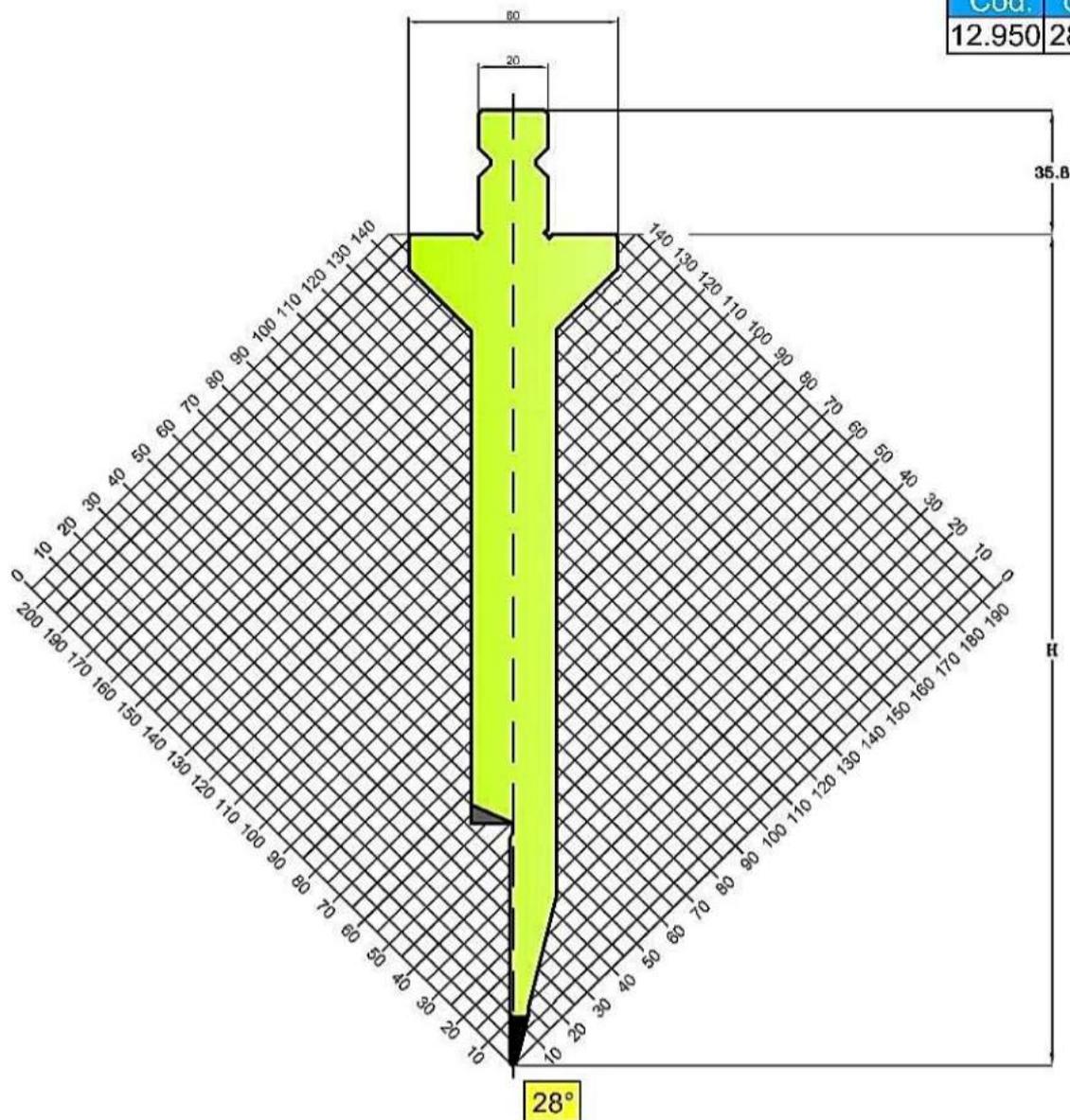
PUNCH WITH PUSH BUTTON			
L=(mm)			KG
100 200 300 500 550 F			26
100 200 550 F			

Stemple / Punches

Wila / Trumpf

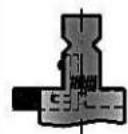
PUNCH WITH PUSH BUTTON			
L=(mm)			KG
100 200 300 500 550 F			24
100 200 550 F			

Cod.	α	R	H	Max T/mt
12.950	28°	1.00	240.00	40

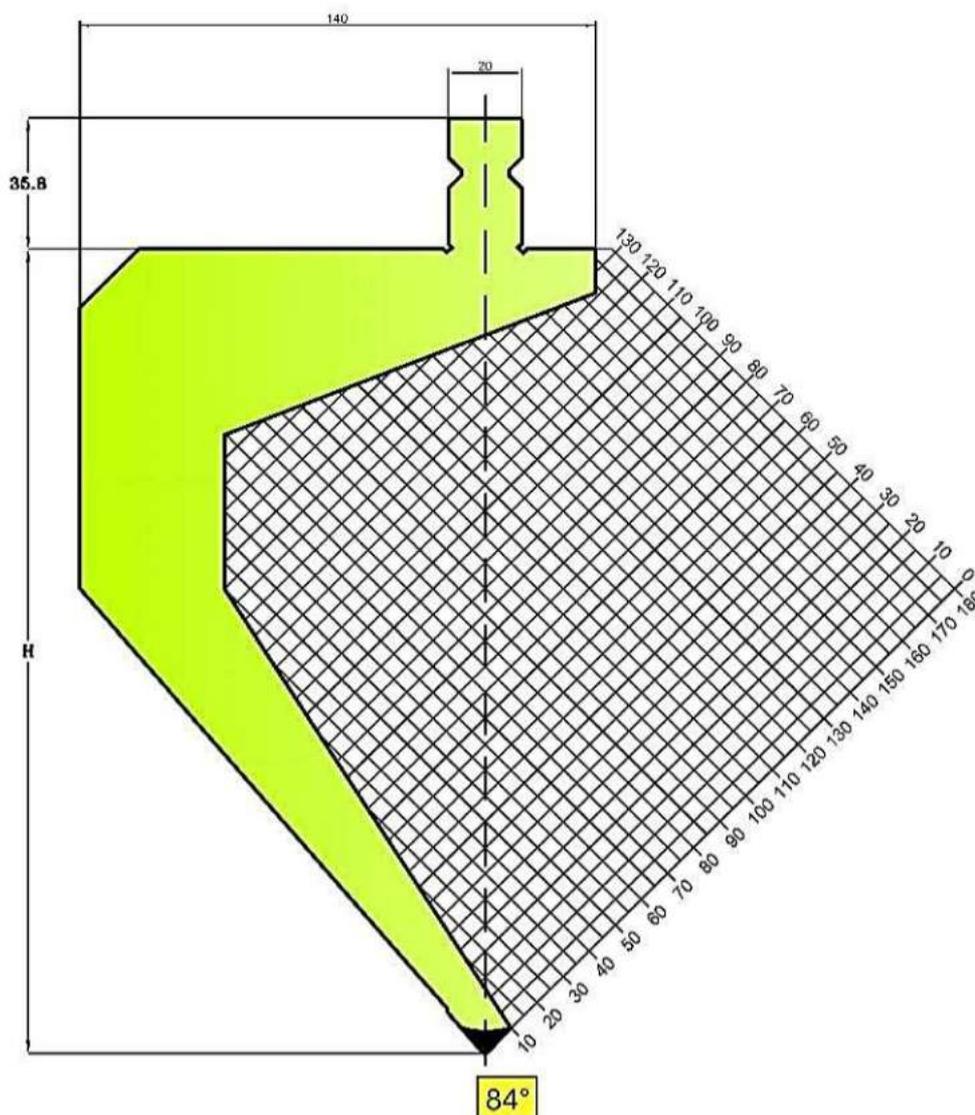


Stemple / Punches

Wila / Trumpf

PUNCH WITH PUSH BUTTON			
L=(mm)			KG
100 200 300 500 550 F			17,6
			

Cod.	α	R	H	Max T/mt
12.942	84°	1.00	220.00	50

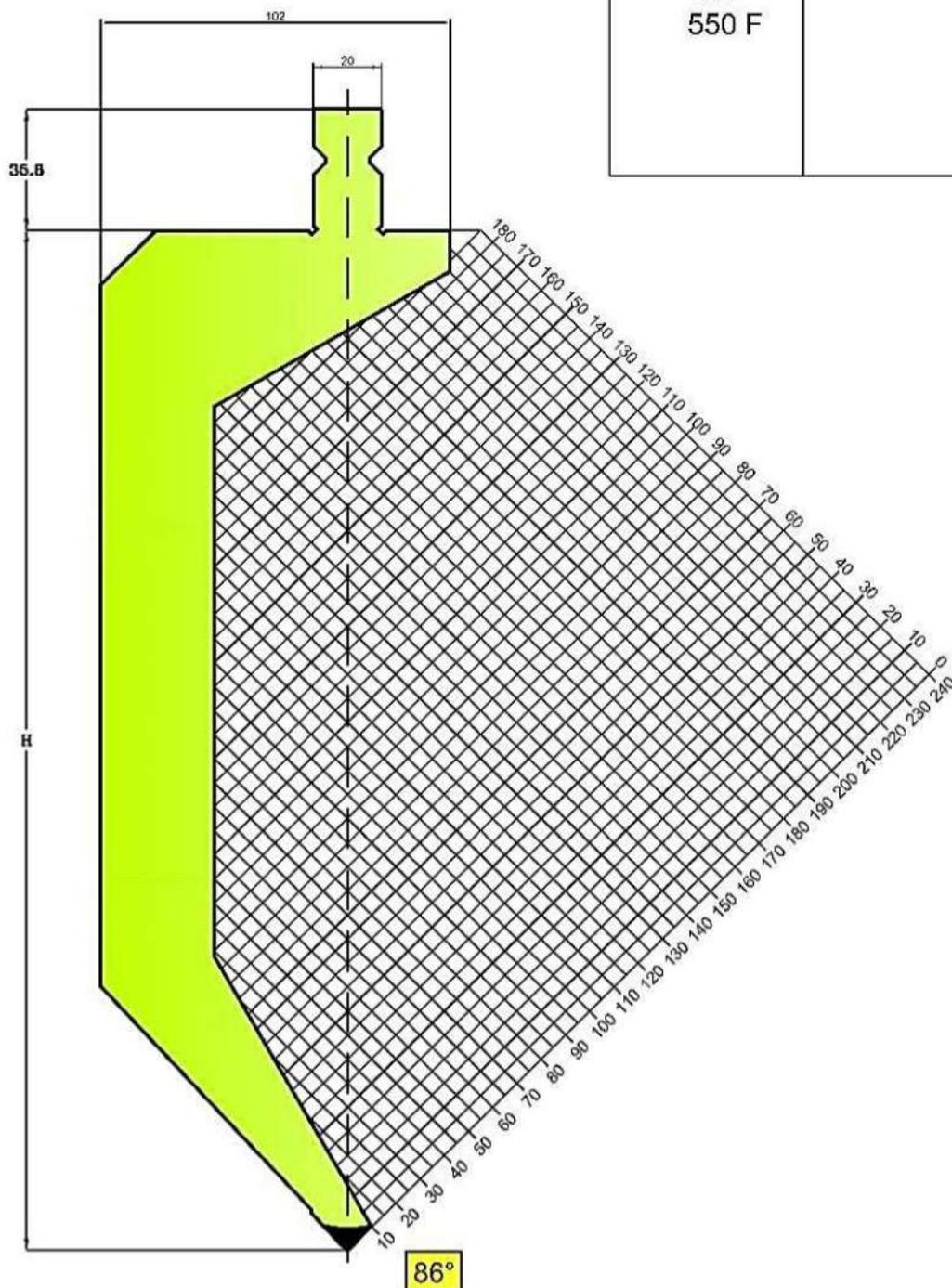


Stemple / Punches

Wila / Trumpf

Cod.	α	R	H	Max T/m
12.943	86°	1.00	300.00	40

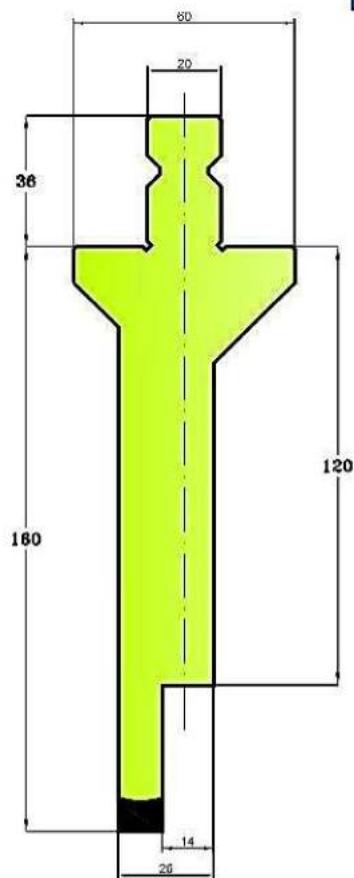
PUNCH WITH PUSH BUTTON			
L=(mm)			KG
100 200 300 500 550 F			17,4
100 550 F			



Stemple / Punches

Wila / Trumpf

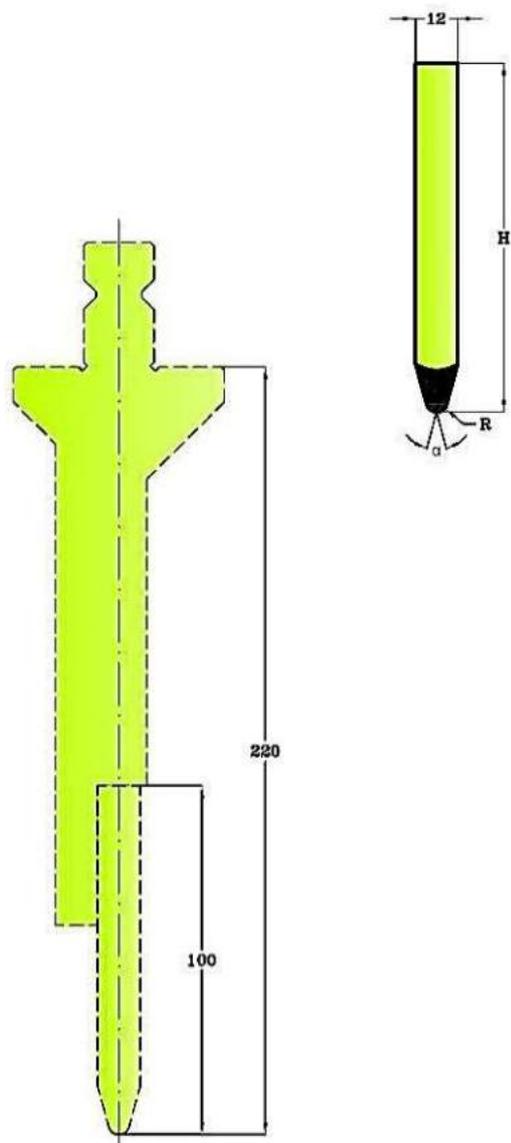
Cod 10.444 100 T/m



PUNCH WITH PUSH BUTTON			
L=(mm)			KG
100 200 300 500 550F			19,5
100 200 300 500F			

Stemple z wymiennymi wkładami / Blade holders

Wila / Trumpf

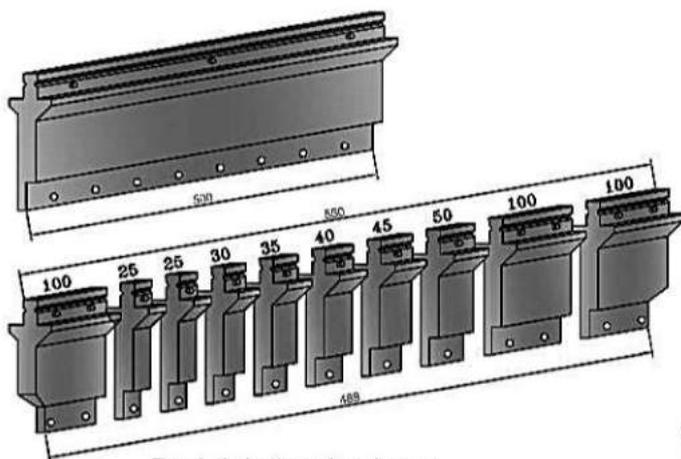


Cod.	α	R	H	Max T/mt
13.500	28°	0.50	100.00	100
13.501	28°	1.00	100.00	100
13.502	28°	2.00	100.00	100
13.503	28°	3.00	100.00	100
13.504	28°	4.00	100.00	100
13.505	28°	5.00	100.00	100
13.506	28°	6.00	100.00	100

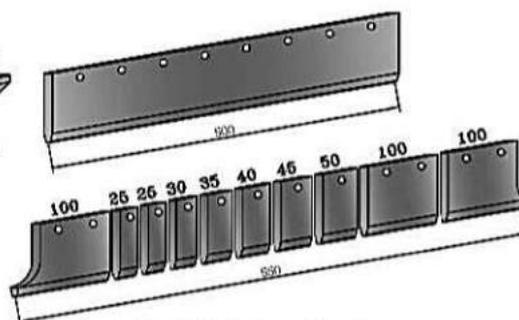
Cod.	α	R	H	Max T/mt
13.520	84°	1.00	100.00	100

Cod.	α	R	H	Max T/mt
13.530	86°	1.00	100.00	100

Cod.	α	R	H	Max T/mt
13.550	90°	0.50	100.00	100
13.551	90°	1.00	100.00	100
13.552	90°	1.50	100.00	100
13.553	90°	2.00	100.00	100



Podział standardowy
STANDARD SECTIONING



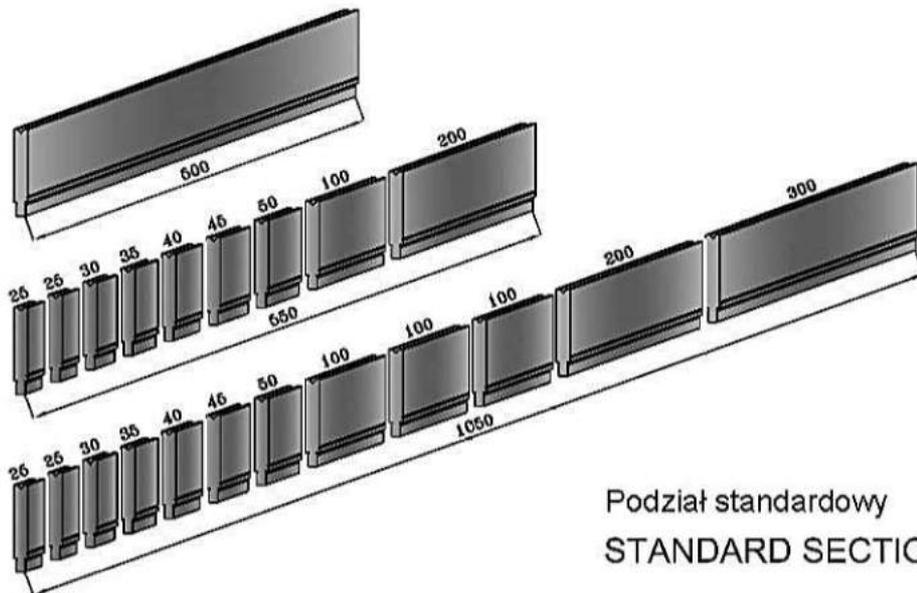
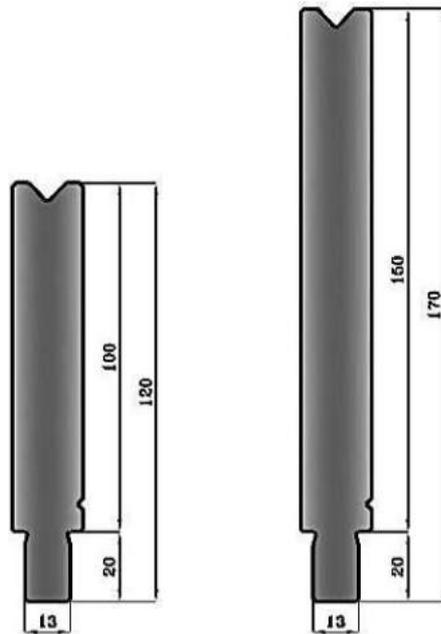
Podział standardowy
STANDARD SECTIONING

Matryce / Dies

Wila / Trumpf

Matryce są dostępne w odcinkach: 500mm, dzielony 550mm; 1050mm

THE DIES ARE AVAILABLE IN THE FOLLOWING STANDARD LENGTHS: 500 mm AND SECTIONED 550 mm ; 1050 mm

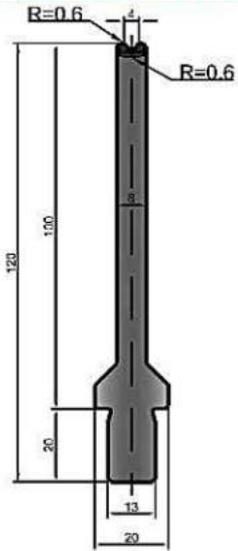


Podział standardowy
STANDARD SECTIONING

Matryce / Dies

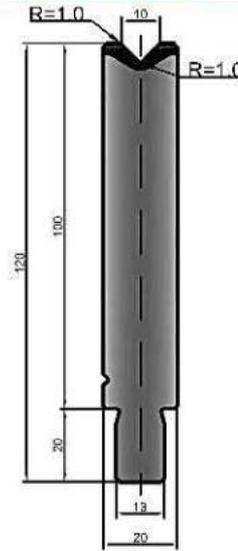
Wila / Trumpf

86° 40.300 100 T/m



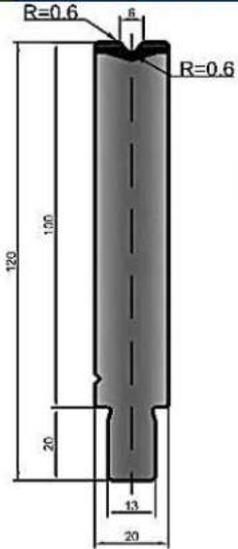
WILA - TRUMPF DIES		
L=(mm)		KG
100		4,5
200		
300		
500		
550 F		

86° 40.303 100 T/m



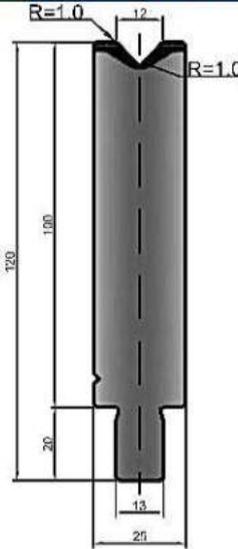
WILA - TRUMPF DIES		
L=(mm)		KG
100		8,7
200		
300		
500		
550 F		

86° 40.301 100 T/m



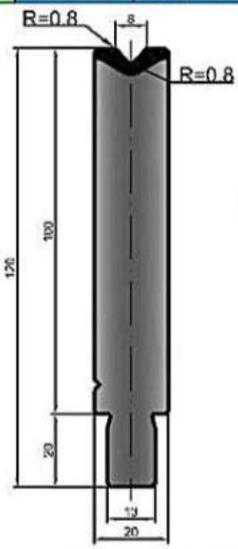
WILA - TRUMPF DIES		
L=(mm)		KG
100		8,8
200		
300		
500		
550 F		

86° 40.304 100 T/m



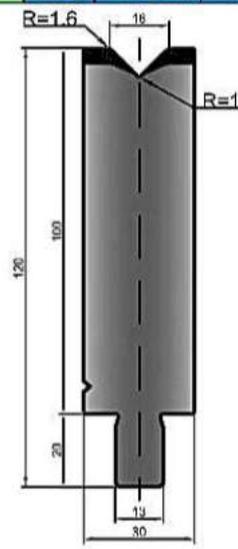
WILA - TRUMPF DIES		
L=(mm)		KG
100		10,6
200		
300		
500		
550 F		

86° 40.302 100 T/m



WILA - TRUMPF DIES		
L=(mm)		KG
100		8,7
200		
300		
500		
550 F		

86° Cod 40.309 100 T/m

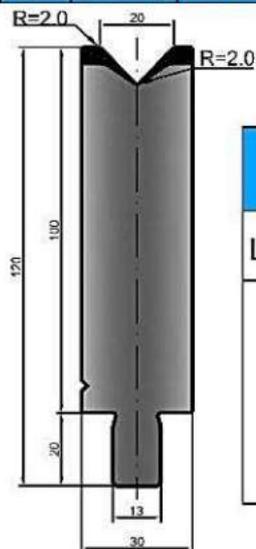


WILA - TRUMPF DIES		
L=(mm)		KG
100		12,4
200		
300		
500		
550 F		

Matryce / Dies

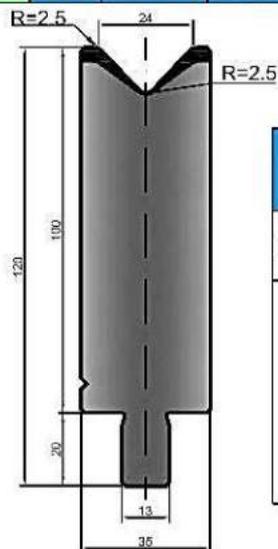
Wila / Trumpf

86° Cod.40.310 100 T/m



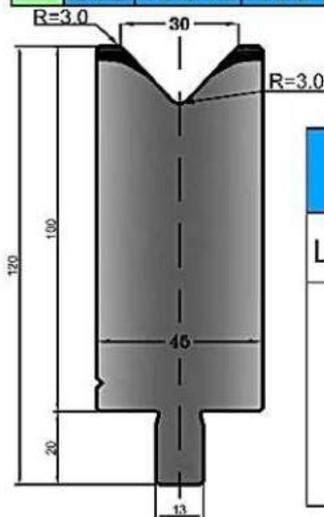
WILA - TRUMPF DIES		
L=(mm)		KG
100		12,3
200		
300		
500		
550 F		

86° Cod.40.311 100 T/m



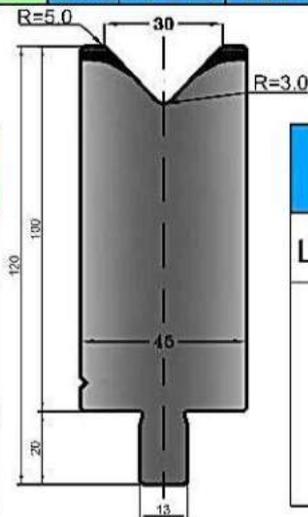
WILA - TRUMPF DIES		
L=(mm)		KG
100		14
200		
300		
500		
550 F		

86° Cod.40.315 100 T/m



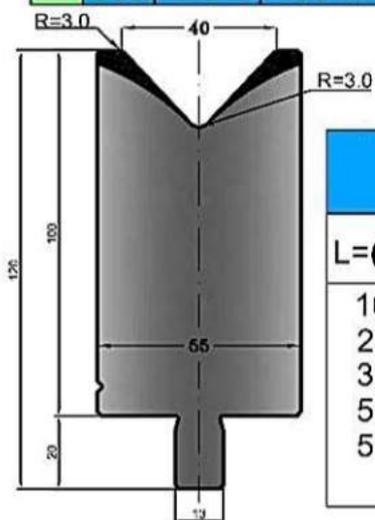
WILA - TRUMPF DIES		
L=(mm)		KG
100		17,5
200		
300		
500		
550 F		

86° Cod.40.316 100 T/m



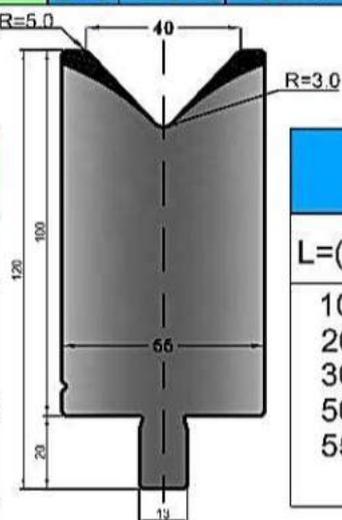
WILA - TRUMPF DIES		
L=(mm)		KG
100		17,5
200		
300		
500		
550 F		

86° Cod.40.317 100 T/m



WILA - TRUMPF DIES		
L=(mm)		KG
100		20,6
200		
300		
500		
550 F		

80° Cod.40.318 100 T/m

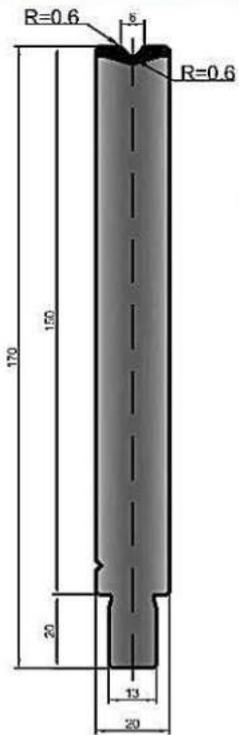


WILA - TRUMPF DIES		
L=(mm)		KG
100		20,6
200		
300		
500		
550 F		

Matryce / Dies

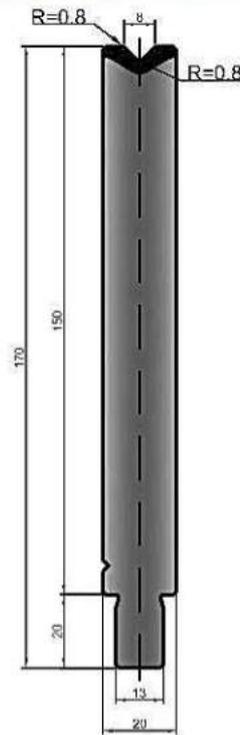
Wila / Trumpf

86° Cod.40.305 100 T/m



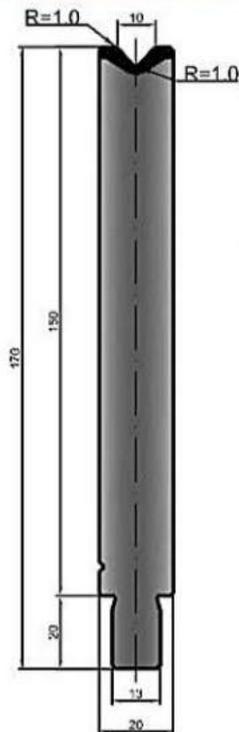
WILA - TRUMPF DIES		
L=(mm)		KG
100		12,7
200		
300		
500		
550 F		

86° Cod.40.306 100 T/m



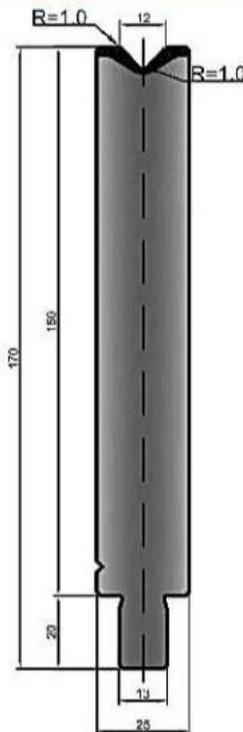
WILA - TRUMPF DIES		
L=(mm)		KG
100		12,6
200		
300		
500		
550 F		

86° Cod.40.307 100 T/m



WILA - TRUMPF DIES		
L=(mm)		KG
100		12,6
200		
300		
500		
550 F		

86° Cod.40.308 100 T/m

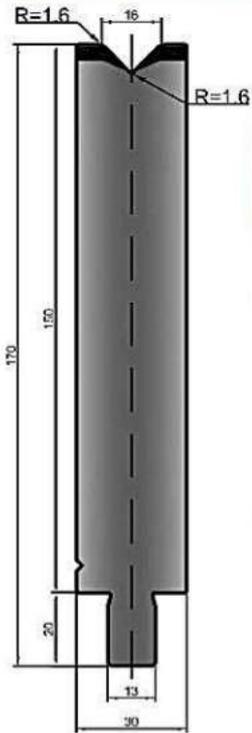


WILA - TRUMPF DIES		
L=(mm)		KG
100		15,5
200		
300		
500		
550 F		

Matryce / Dies

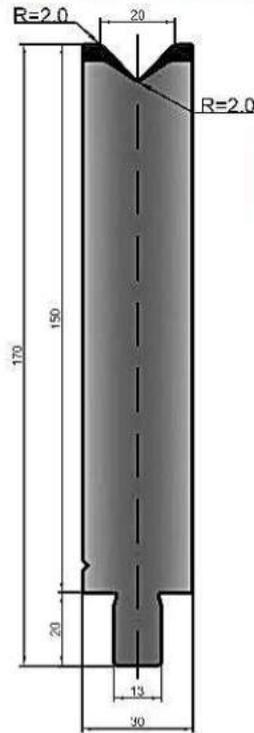
Wila / Trumpf

86° Cod. 40.312 100 T/m



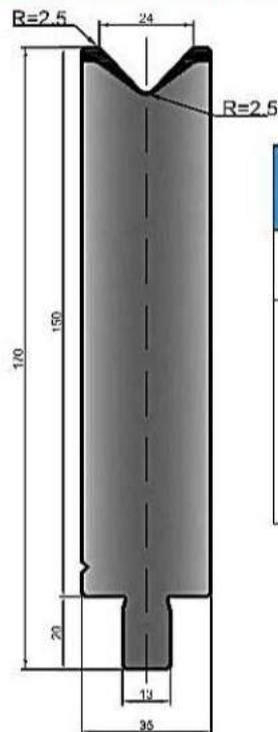
WILA - TRUMPF DIES		
L=(mm)		KG
100		18,2
200		
300		
500		
550 F		

86° Cod. 40.313 100 T/m



WILA - TRUMPF DIES		
L=(mm)		KG
100		18
200		
300		
500		
550 F		

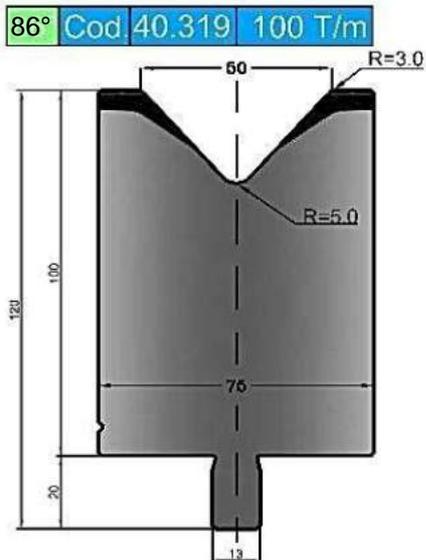
86° Cod. 40.314 100 T/m



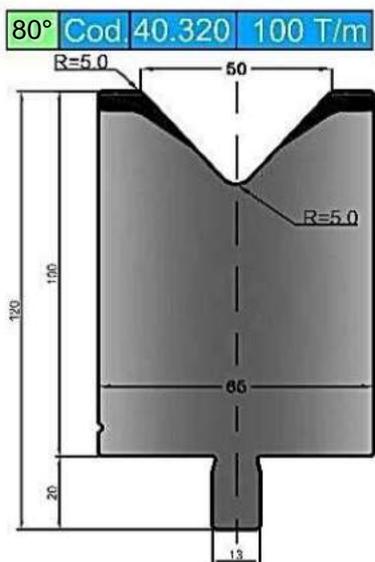
WILA - TRUMPF DIES		
L=(mm)		KG
100		20,9
200		
300		
500		
550 F		

Matryce / Dies

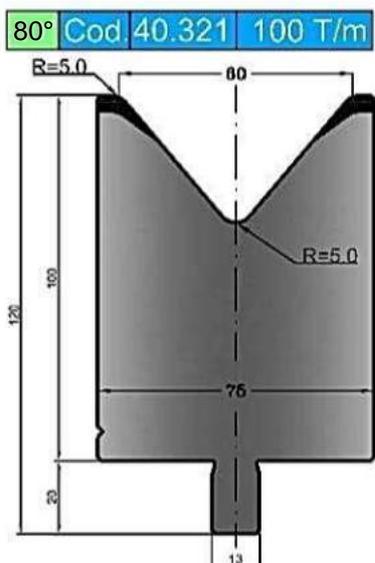
Wila / Trumpf



WILA - TRUMPF DIES		
L=(mm)		KG
100		
200		
300		
500		27,5
550 F		



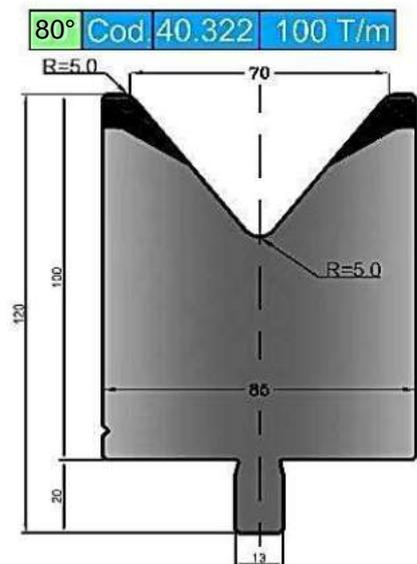
WILA - TRUMPF DIES		
L=(mm)		KG
100		
200		
300		
500		27,5
550 F		



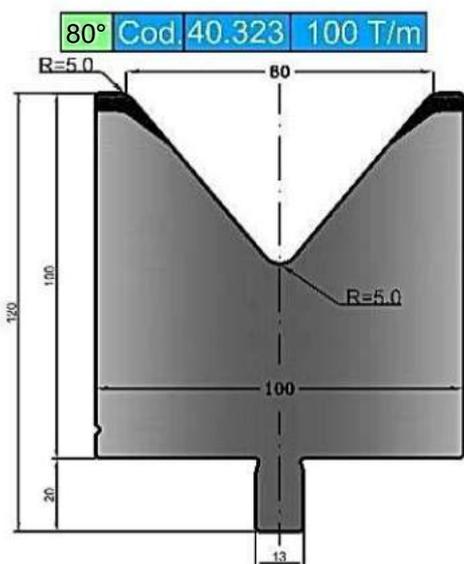
WILA - TRUMPF DIES		
L=(mm)		KG
100		
200		
300		
500		25,7
550 F		

Matryce / Dies

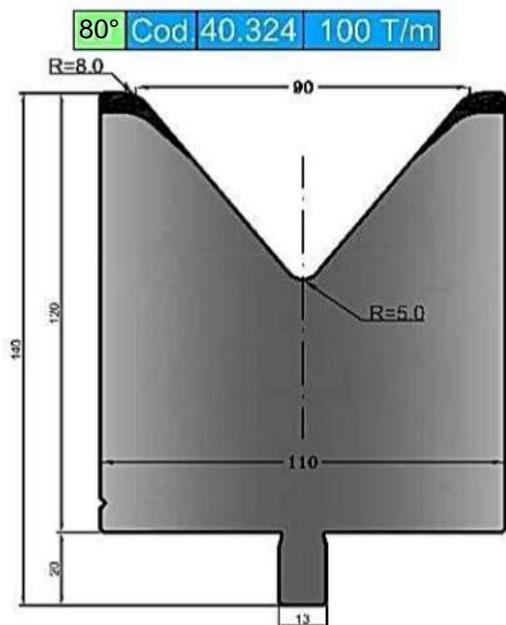
Wila / Trumpf



WILA - TRUMPF DIES		
L=(mm)		KG
100		28,1
200		
300		
500		
550 F		



WILA - TRUMPF DIES		
L=(mm)		KG
100		32
200		
300		
500		
550 F		

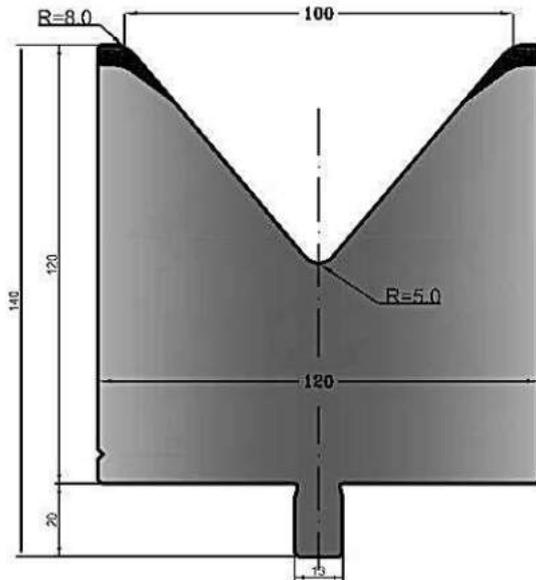


WILA - TRUMPF DIES		
L=(mm)		KG
100		42,3
200		
300		
500		
550 F		

Matryce / Dies

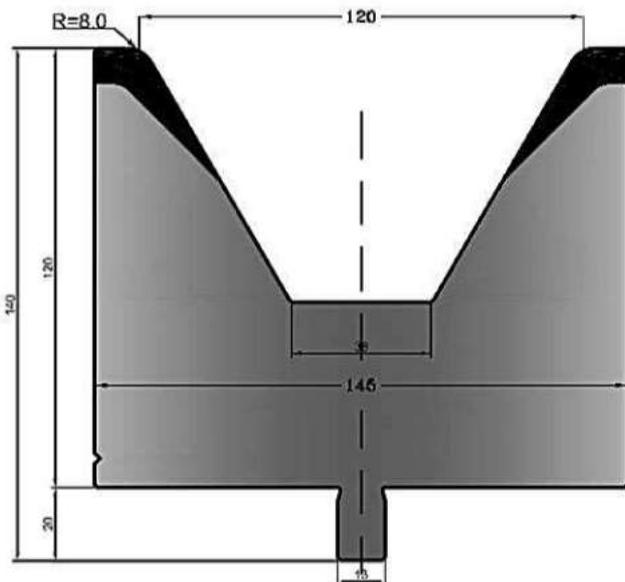
Wila / Trumpf

80° Cod 40.325 100 T/m



WILA - TRUMPF DIES		
L=(mm)		KG
100		44,5
200		
300		
500		
550 F		

60° Cod 40.326 100 T/m

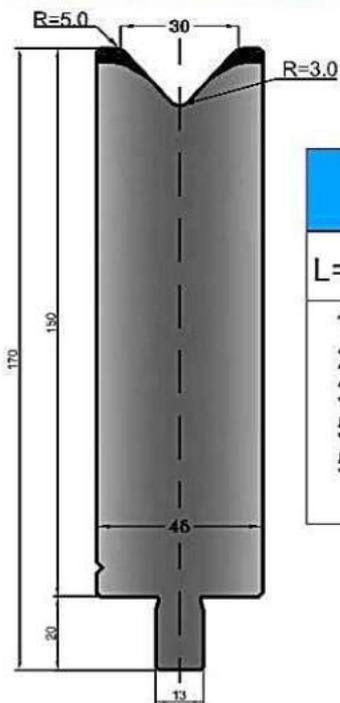


WILA - TRUMPF DIES		
L=(mm)		KG
100		45,5
200		
300		
500		
550 F		

Matryce / Dies

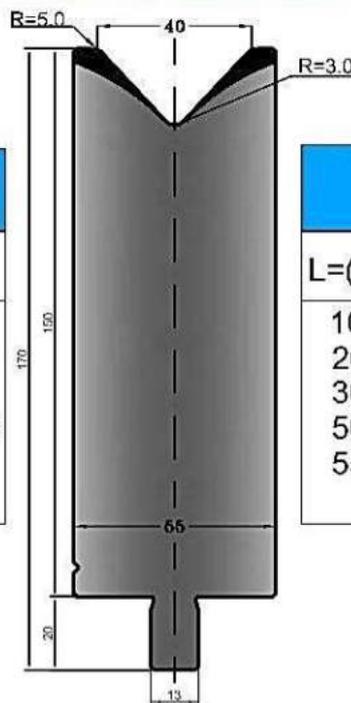
Wila / Trumpf

80° Cod.40.327 100 T/m



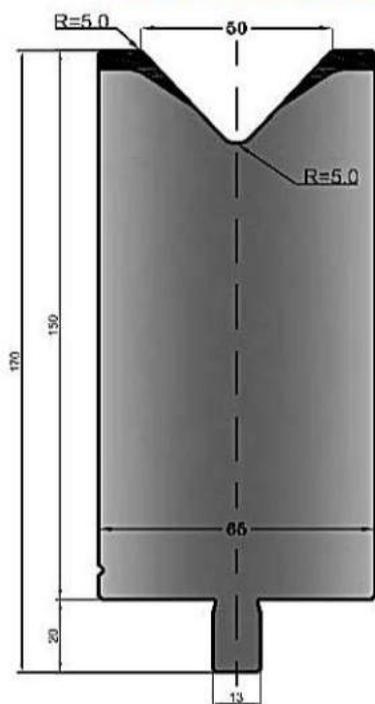
WILA - TRUMPF DIES		
L=(mm)		KG
100		
200		
300		
500		26,2
550 F		

80° Cod.40.328 100 T/m



WILA - TRUMPF DIES		
L=(mm)		KG
100		
200		
300		
500		31,2
550 F		

80° Cod.40.329 100 T/m

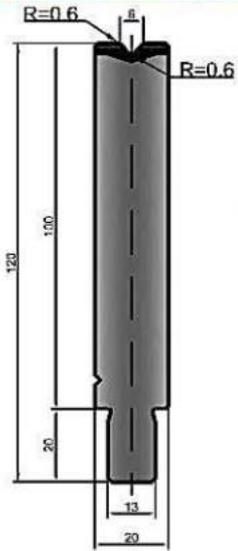


WILA - TRUMPF DIES		
L=(mm)		KG
100		
200		
300		
500		36
550 F		

Matryce / Dies

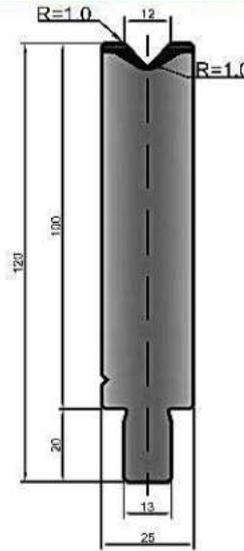
Wila / Trumpf

84° Cod.40.330 100 T/m



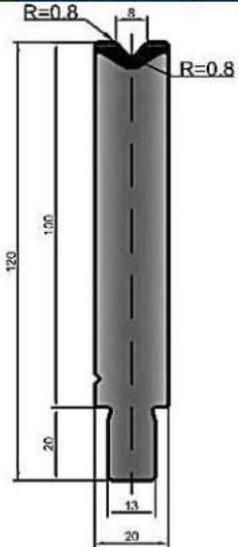
WILA - TRUMPF DIES		
L=(mm)		KG
100		8,8
200		
300		
500		
550 F		

84° Cod.40.333 100 T/m



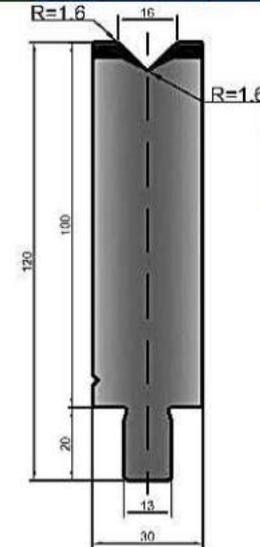
WILA - TRUMPF DIES		
L=(mm)		KG
100		10,6
200		
300		
500		
550 F		

84° Cod.40.331 100 T/m



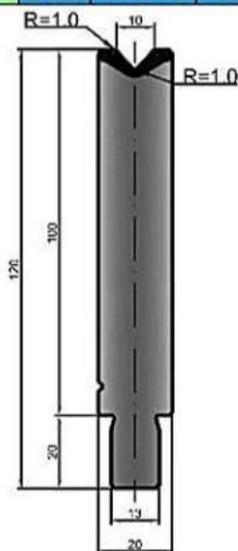
WILA - TRUMPF DIES		
L=(mm)		KG
100		8,7
200		
300		
500		
550 F		

84° Cod.40.338 100 T/m



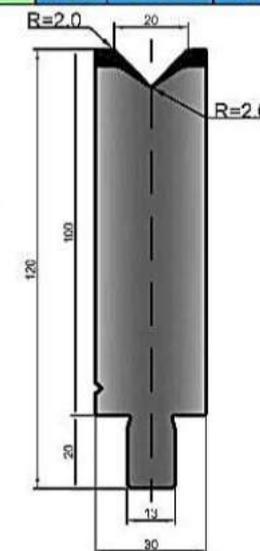
WILA - TRUMPF DIES		
L=(mm)		KG
100		12,4
200		
300		
500		
550 F		

84° Cod.40.332 100 T/m



WILA - TRUMPF DIES		
L=(mm)		KG
100		8,7
200		
300		
500		
550 F		

84° Cod.40.339 100 T/m

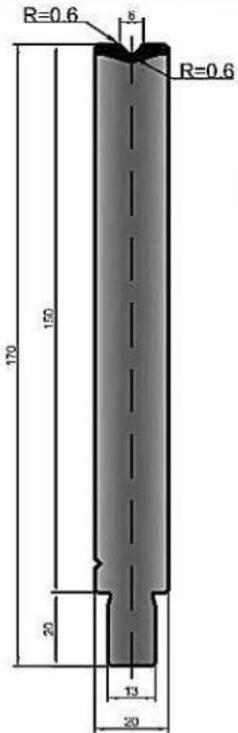


WILA - TRUMPF DIES		
L=(mm)		KG
100		12,3
200		
300		
500		
550 F		

Matryce / Dies

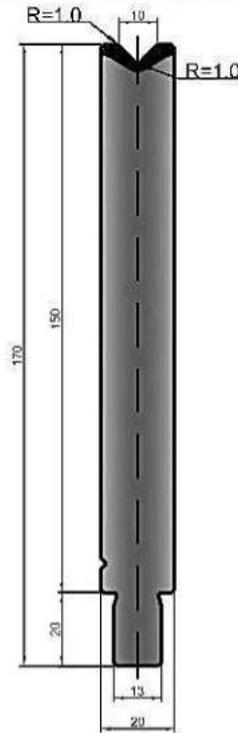
Wila / Trumpf

84° Cod.40.334 100 T/m



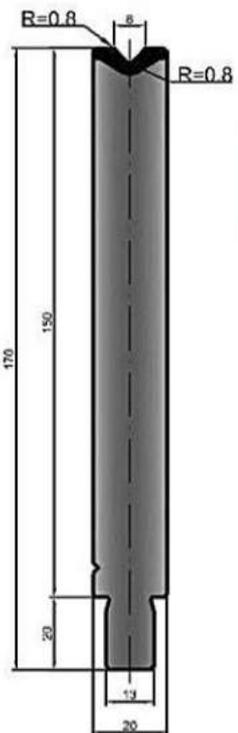
WILA - TRUMPF DIES		
L=(mm)		KG
100		
200		
300		
500		12,7
550 F		

84° Cod.40.336 100 T/m



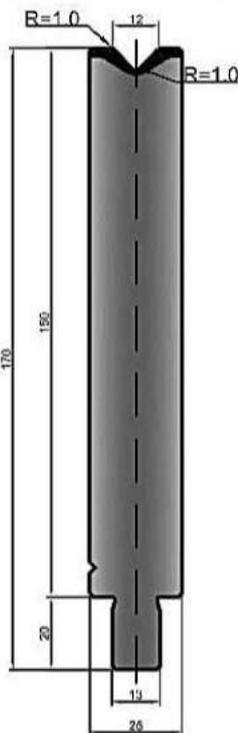
WILA - TRUMPF DIES		
L=(mm)		KG
100		
200		
300		
500		12,6
550 F		

84° Cod.40.335 100 T/m



WILA - TRUMPF DIES		
L=(mm)		KG
100		
200		
300		
500		12,6
550 F		

84° Cod.40.337 100 T/m

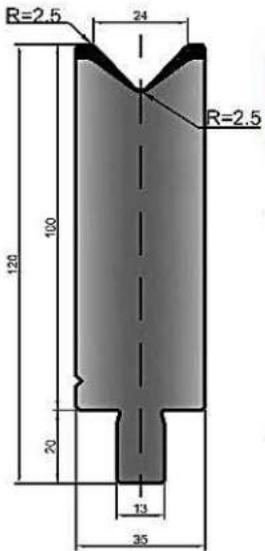


WILA - TRUMPF DIES		
L=(mm)		KG
100		
200		
300		
500		15,5
550 F		

Matryce / Dies

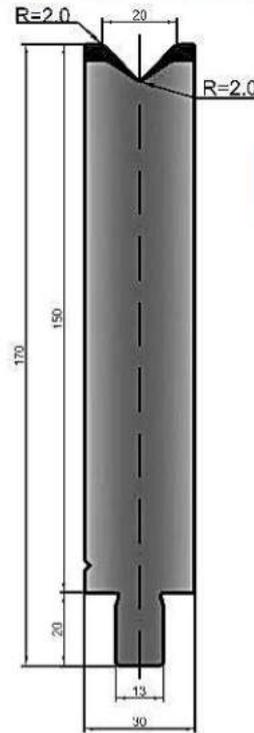
Wila / Trumpf

80° Cod.40.340 100 T/m



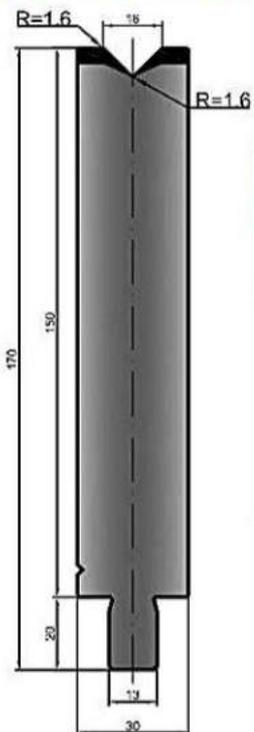
WILA - TRUMPF DIES		
L=(mm)		KG
100		14
200		
300		
500		
550 F		

84° Cod.40.342 100 T/m



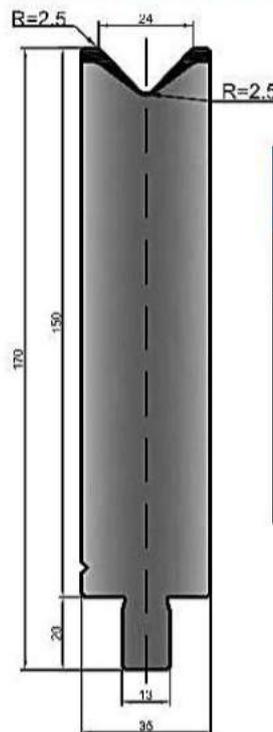
WILA - TRUMPF DIES		
L=(mm)		KG
100		18
200		
300		
500		
550 F		

84° Cod.40.341 100 T/m



WILA - TRUMPF DIES		
L=(mm)		KG
100		54
200		
300		
500		
550 F		

80° Cod.40.343 100 T/m

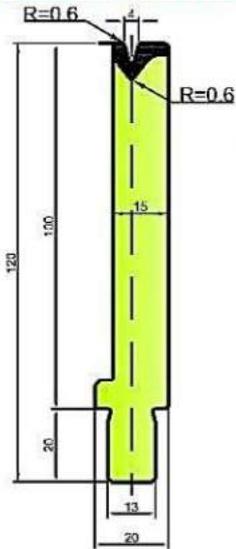


WILA - TRUMPF DIES		
L=(mm)		KG
100		20,9
200		
300		
500		
550 F		

Matryce / Dies

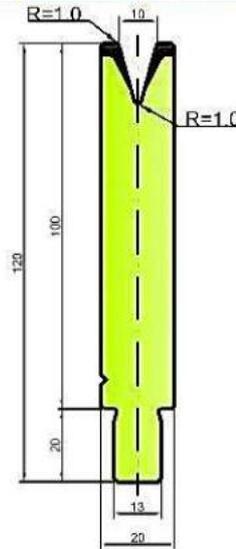
Wila / Trumpf

30° 40.344 100 T/m



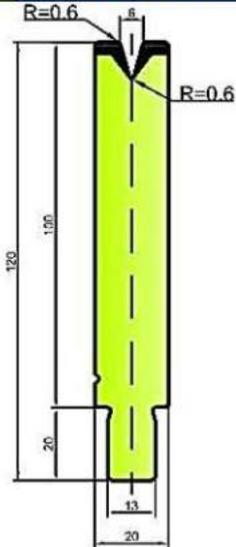
WILA - TRUMPF DIES		
L=(mm)		KG
100		7
200		
300		
500		
550 F		

30° 40.347 40 T/m



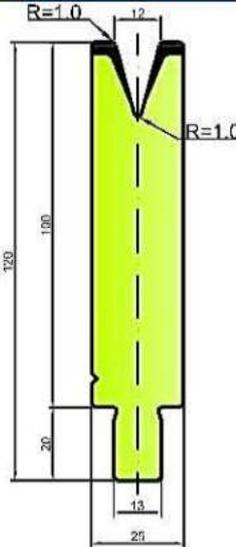
WILA - TRUMPF DIES		
L=(mm)		KG
100		8,4
200		
300		
500		
550 F		

30° 40.345 50 T/m



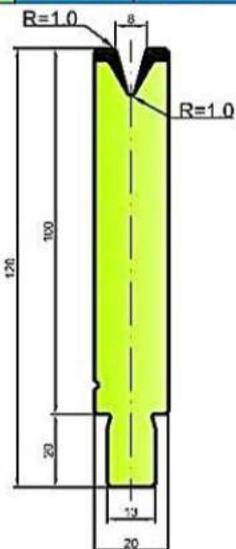
WILA - TRUMPF DIES		
L=(mm)		KG
100		8,7
200		
300		
500		
550 F		

30° 40.348 40 T/m



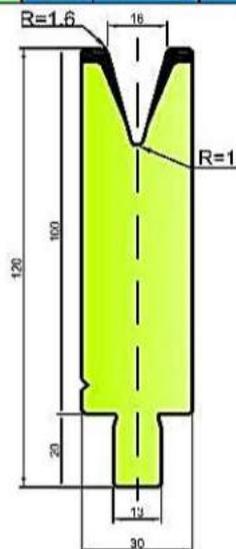
WILA - TRUMPF DIES		
L=(mm)		KG
100		10,2
200		
300		
500		
550 F		

30° 40.346 40 T/m



WILA - TRUMPF DIES		
L=(mm)		KG
100		8,6
200		
300		
500		
550 F		

30° Cod.40.353 45 T/m

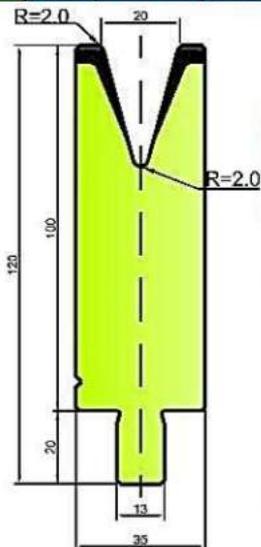


WILA - TRUMPF DIES		
L=(mm)		KG
100		11,8
200		
300		
500		
550 F		

Matryce / Dies

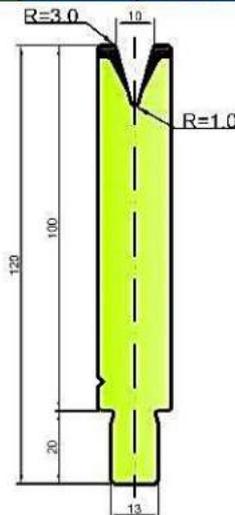
Wila / Trumpf

30° Cod.40.354 50 T/m



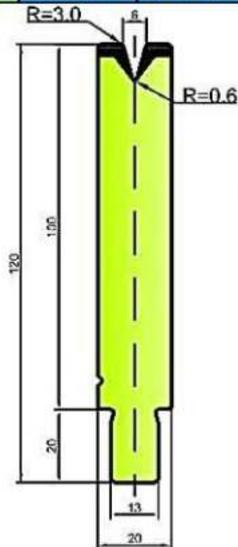
WILA - TRUMPF DIES		
L=(mm)		KG
100		13,2
200		
300		
500		
550 F		

30° 40.362 40 T/m



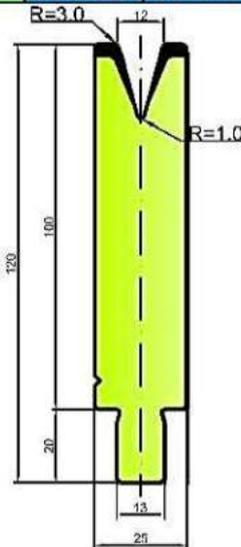
WILA - TRUMPF DIES		
L=(mm)		KG
100		8,4
200		
300		
500		
550 F		

30° 40.360 50 T/m



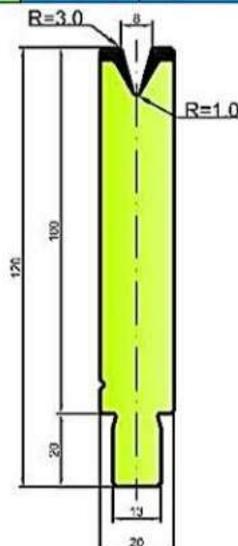
WILA - TRUMPF DIES		
L=(mm)		KG
100		8,7
200		
300		
500		
550 F		

30° 40.363 40 T/m



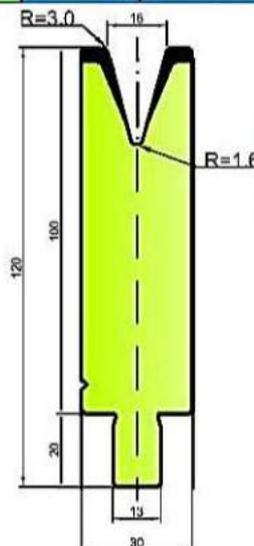
WILA - TRUMPF DIES		
L=(mm)		KG
100		10,2
200		
300		
500		
550 F		

30° 40.361 40 T/m



WILA - TRUMPF DIES		
L=(mm)		KG
100		8,6
200		
300		
500		
550 F		

30° 40.364 45 T/m

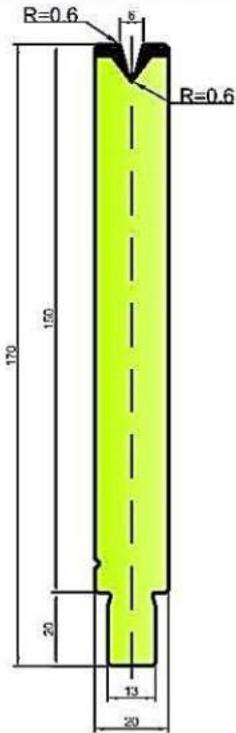


WILA - TRUMPF DIES		
L=(mm)		KG
100		11,8
200		
300		
500		
550 F		

Matryce / Dies

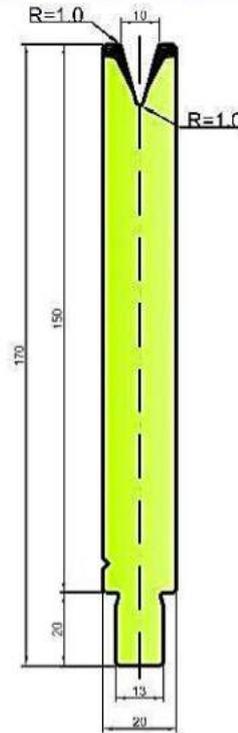
Wila / Trumpf

30° Cod.40.349 50 T/m



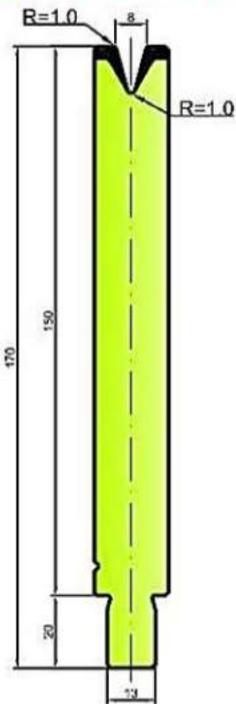
WILA - TRUMPF DIES		
L=(mm)		KG
100		
200		
300		
500		12,6
550 F		

30° Cod.40.351 40 T/m



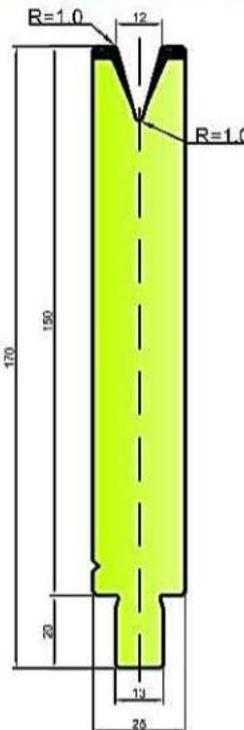
WILA - TRUMPF DIES		
L=(mm)		KG
100		
200		
300		
500		12,4
550 F		

30° Cod.40.350 40 T/m



WILA - TRUMPF DIES		
L=(mm)		KG
100		
200		
300		
500		12,5
550 F		

30° Cod.40.352 40 T/m

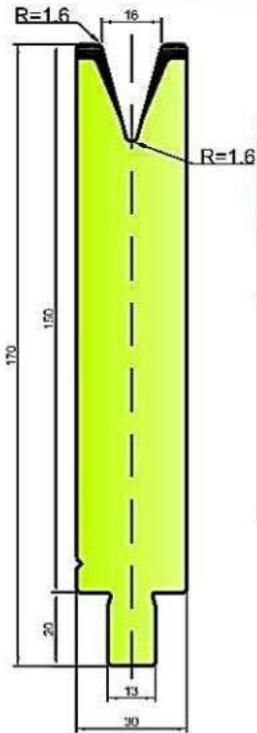


WILA - TRUMPF DIES		
L=(mm)		KG
100		
200		
300		
500		15
550 F		

Matryce / Dies

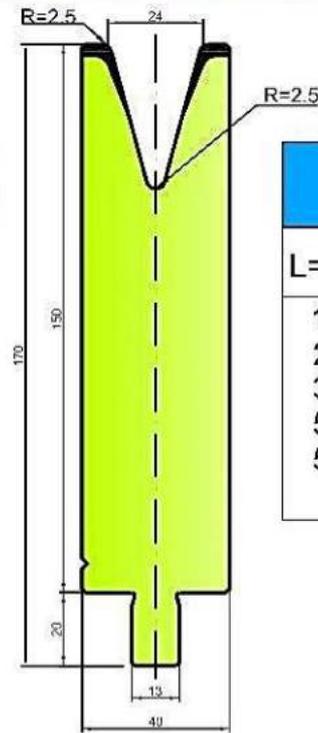
Wila / Trumpf

30° Cod. 40.357 45 T/m



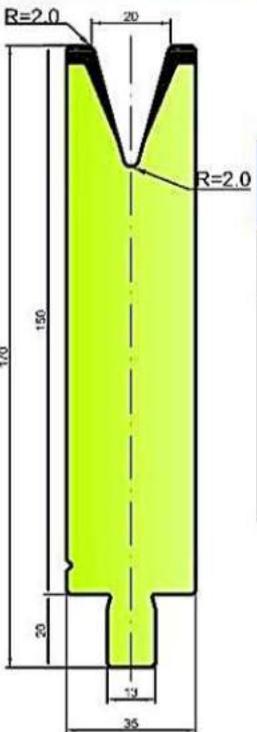
WILA - TRUMPF DIES		
L=(mm)		KG
100		17,7
200		
300		
500		
550 F		

30° Cod. 40.359 50 T/m



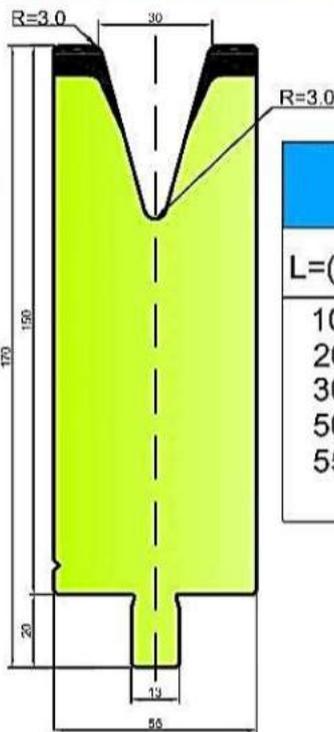
WILA - TRUMPF DIES		
L=(mm)		KG
100		22,4
200		
300		
500		
550 F		

30° Cod. 40.358 50 T/m



WILA - TRUMPF DIES		
L=(mm)		KG
100		20
200		
300		
500		
550 F		

30° Cod. 40.365 45 T/m



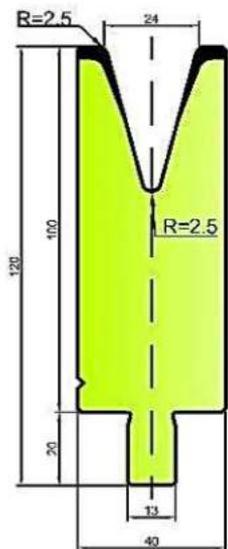
WILA - TRUMPF DIES		
L=(mm)		KG
100		30
200		
300		
500		
550 F		

Matryce / Dies

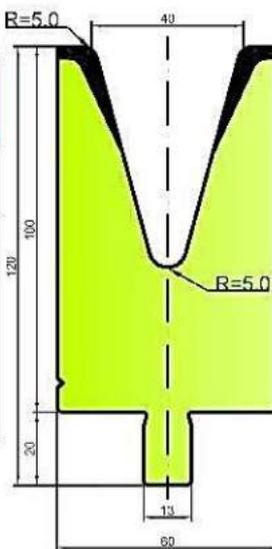
Wila / Trumpf

30° Cod.40.355 50 T/m

30° Cod.40.366 50 T/m



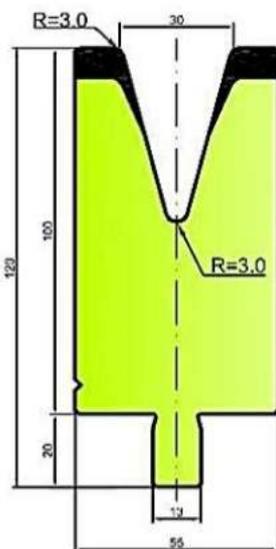
WILA - TRUMPF DIES		
L=(mm)		KG
100		11,8
200		
300		
500		
550 F		



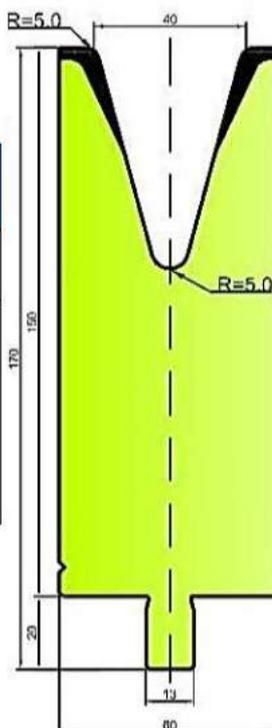
WILA - TRUMPF DIES		
L=(mm)		KG
100		18,5
200		
300		
500		
550 F		

30° Cod.40.356 60 T/m

30° Cod.40.367 50 T/m



WILA - TRUMPF DIES		
L=(mm)		KG
100		19
200		
300		
500		
550 F		

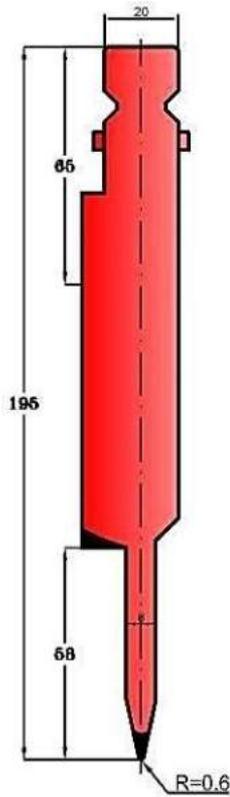


WILA - TRUMPF DIES		
L=(mm)		KG
100		30
200		
300		
500		
550 F		

Zestaw do zagniatania / Flattening-hemming tool

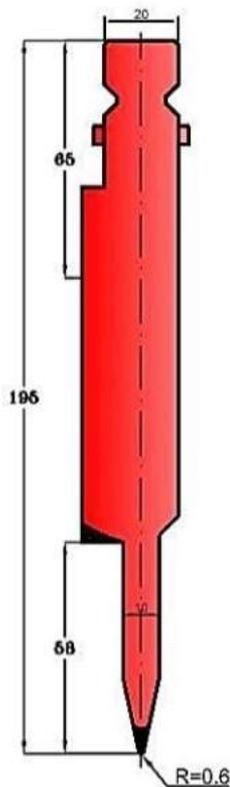
Wila / Trumpf

28° Cod 12.490 80 T/m



FLATTENING-HEMING TOOL WITH PUSH BUTTON			
L=(mm)			KG
100			
200			
300			
500			
550F			
100			
200			
300			
500			
550F			

24° Cod 12.500 80 T/m

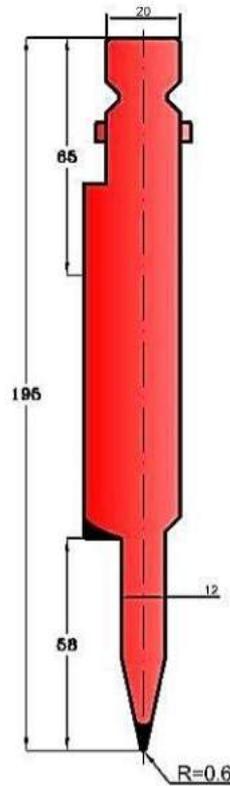


FLATTENING-HEMING TOOL WITH PUSH BUTTON			
L=(mm)			KG
100			
200			
300			
500			
550F			
100			
200			
300			
500			
550F			

Zestaw do zagniatania / Flattening-hemming tool

Wila / Trumpf

24° Cod 12.510 80 T/m



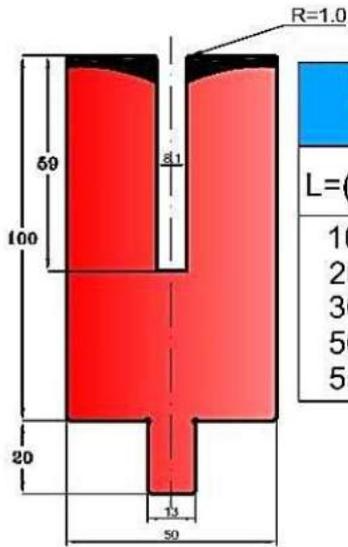
FLATTENING-HEMING TOOL WITH PUSH BUTTON			
L=(mm)			KG
100 200 300 500 550F			
100 200 300 550F			

Zestaw do zagniatania / Flattening-hemming tool

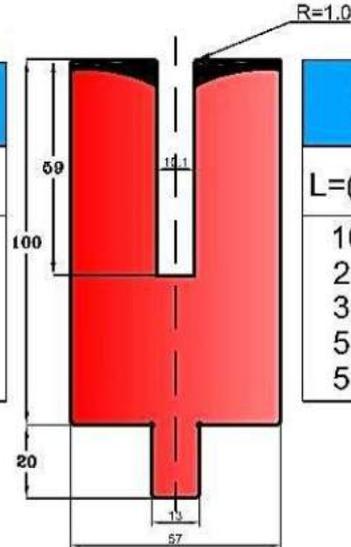
Wila / Trumpf

Cod.31.570 50 T/m

Cod.31.740 50 T/m

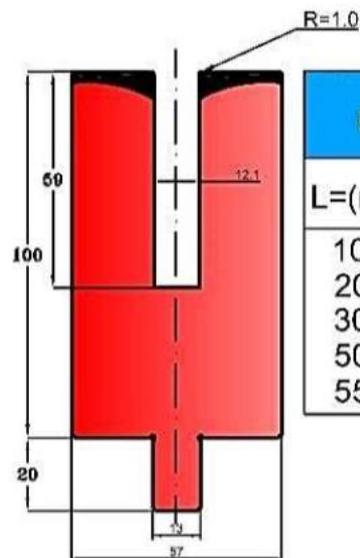


FLATTENING-HEMING TOOL		
L=(mm)		KG
100		21
200		
300		
500		
550 F		



FLATTENING-HEMING TOOL		
L=(mm)		KG
100		21,5
200		
300		
500		
550 F		

Cod.31.750 50 T/m



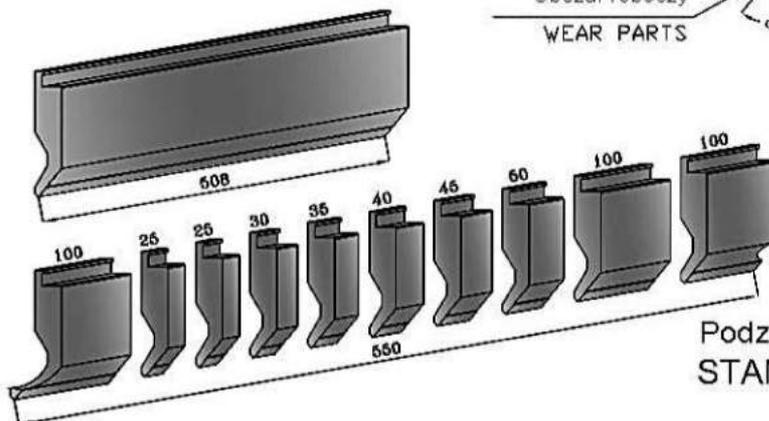
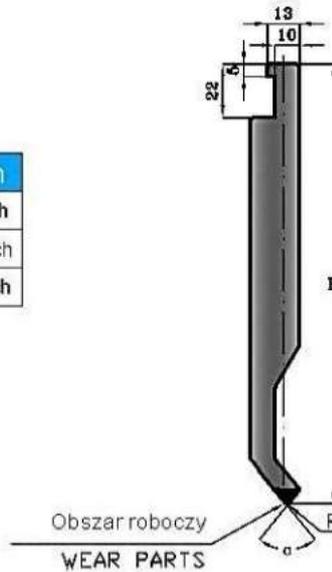
FLATTENING-HEMING TOOL		
L=(mm)		KG
100		19
200		
300		
500		
550 F		

Stemple / Punches

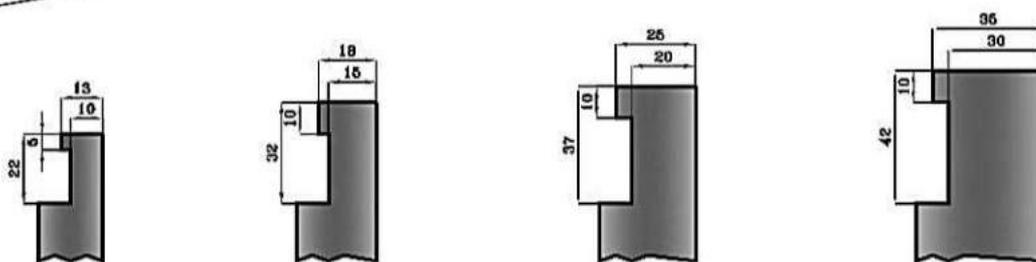
Stemple są dostępne w standardowych odcinkach: 508mm i dzielony 550mm

THE PUNCHES ARE AVAILABLE IN THE FOLLOWING STANDARD LENGTHS: 508 mm AND SECTIONED 550 mm

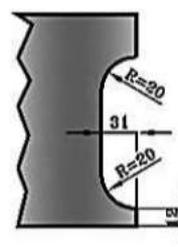
Opis /	Description
H = Wysokość stempla /	Height punch
α = Kąt stempla /	Degree punch
R = Promień stempla /	Radius punch



Podział standardowy
STANDARD SECTIONING

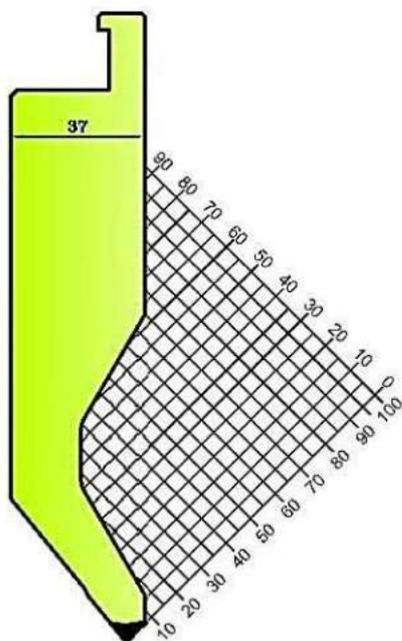


HORNS SCHEME STANDARD SECTIONING



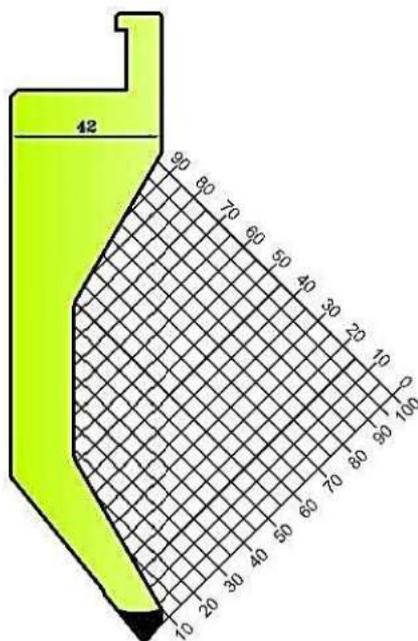
Stemple / Punches

Cod.	α	R	H	Max T/mt
14.100	78°	1.00	180.00	70



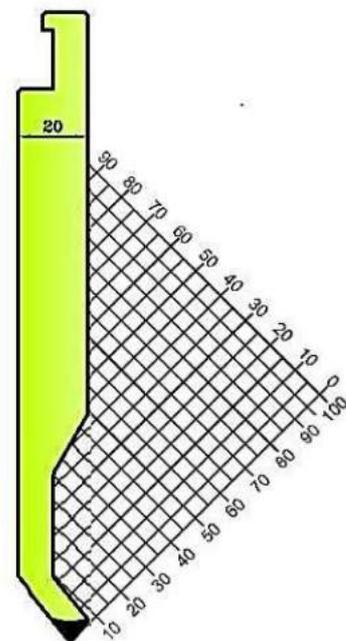
78°

Cod.	α	R	H	Max T/mt
14.101	78°	1.00	180.00	45



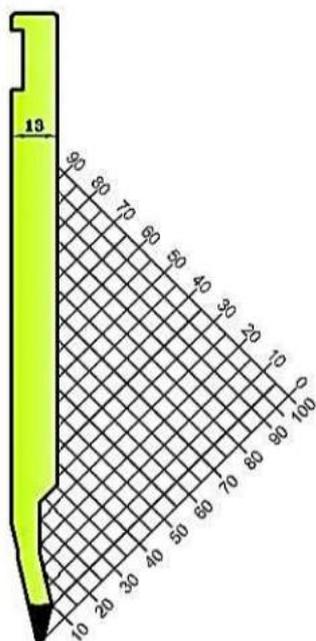
78°

Cod.	α	R	H	Max T/mt
14.102	78°	1.00	180.00	40



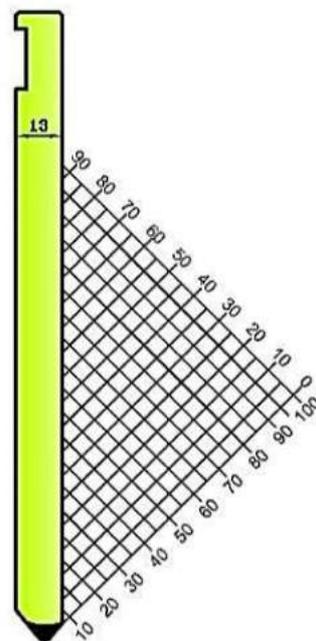
78°

Cod.	α	R	H	Max T/mt
14.103	26°	1.00	180.00	50



26°

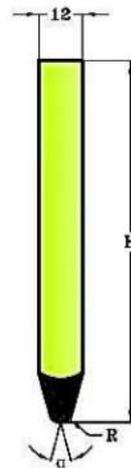
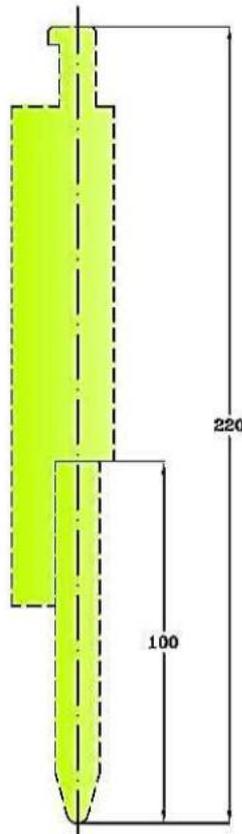
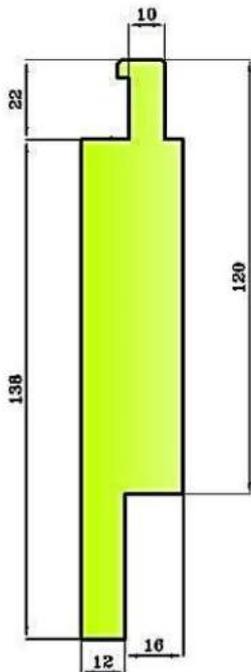
Cod.	α	R	H	Max T/mt
14.104	78°	2.00	180.00	100



78°

Stemple / Punches

Cod. 14 105 100 T/m

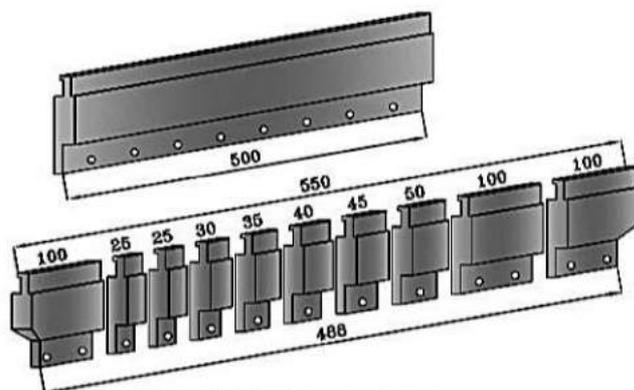


Cod.	α	R	H	Max T/ml
13.500	28°	0.50	100.00	100
13.501	28°	1.00	100.00	100
13.502	28°	2.00	100.00	100
13.503	28°	3.00	100.00	100
13.504	28°	4.00	100.00	100
13.505	28°	5.00	100.00	100
13.506	28°	6.00	100.00	100

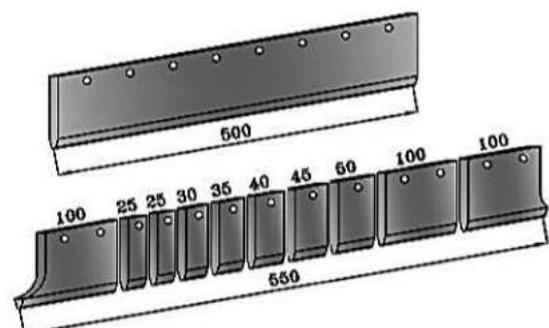
Cod.	α	R	H	Max T/ml
13.520	84°	1.00	100.00	100

Cod.	α	R	H	Max T/ml
13.530	86°	1.00	100.00	100

Cod.	α	R	H	Max T/ml
13.550	90°	0.50	100.00	100
13.551	90°	1.00	100.00	100
13.552	90°	1.50	100.00	100
13.553	90°	2.00	100.00	100



Podział standardowy
STANDARD SECTIONING

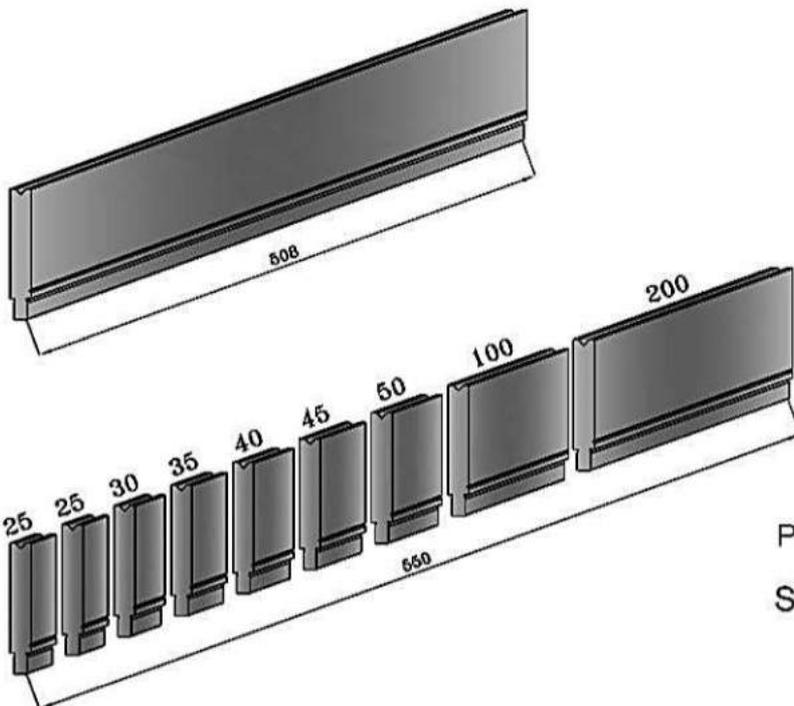
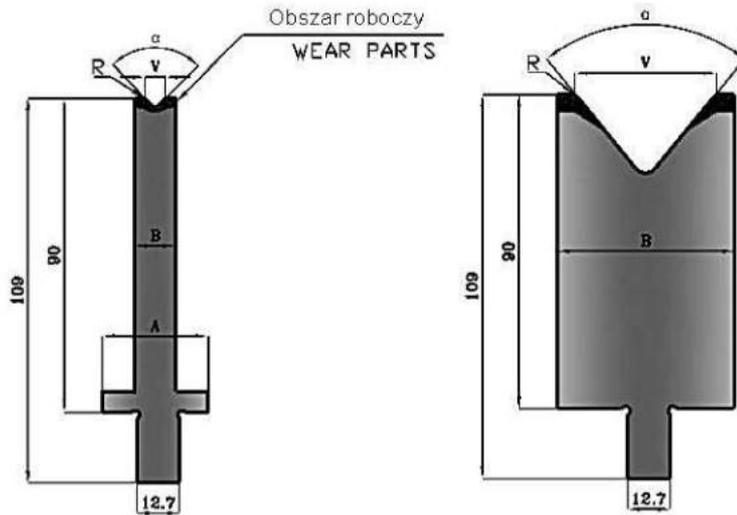


Podział standardowy
STANDARD SECTIONING

Matryce / Dies

Matryce są dostępne w standardowych odcinkach: 508mm i dzielony 550mm

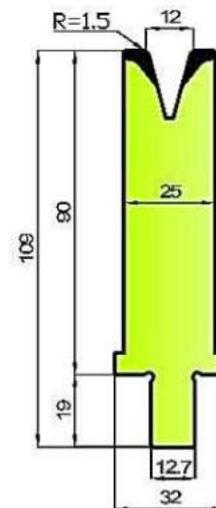
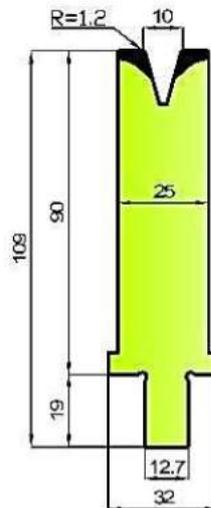
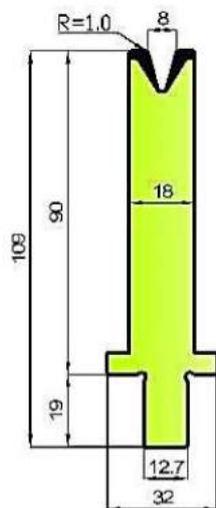
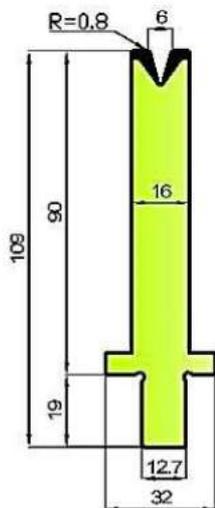
THE DIES ARE AVAILABLE IN THE FOLLOWING STANDARD LENGTHS: 508 mm AND SECTIONED 550 mm



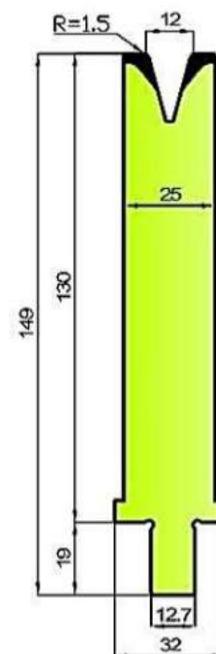
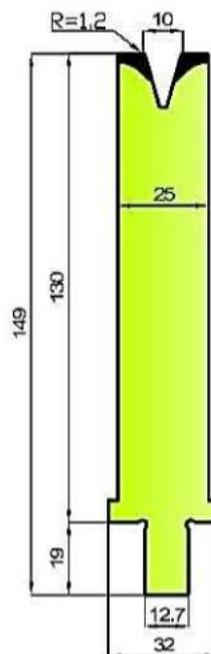
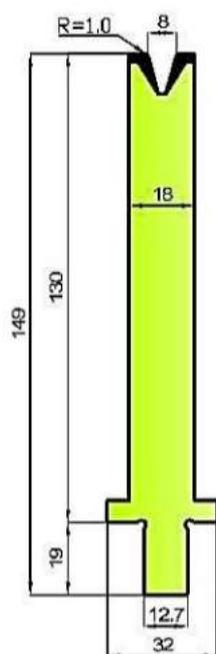
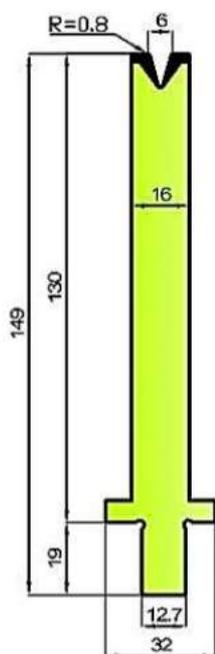
Podział standardowy
STANDARD SECTIONING

Matryce / Dies

30° Cod.32.100 20 T/m 30° Cod.32.101 22 T/m 30° Cod.32.102 30 T/m 30° Cod.32.103 38 T/m

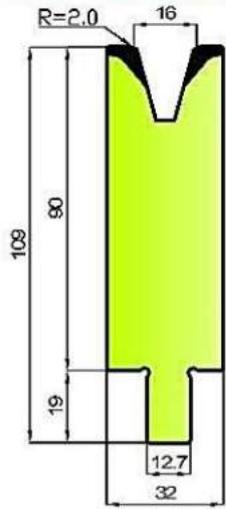


30° Cod.32.124 20 T/m 30° Cod.32.125 22 T/m 30° Cod.32.126 30 T/m 30° Cod.32.127 38 T/m

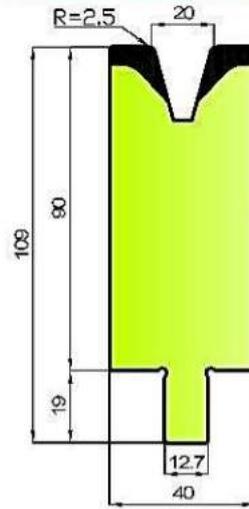


Matryce / Dies

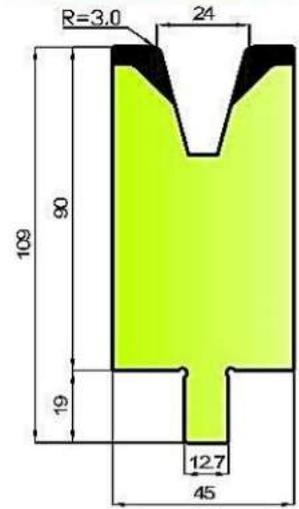
30° Cod.32.108 38 T/m



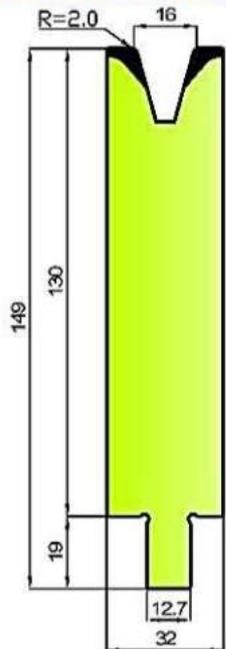
30° Cod.32.109 38 T/m



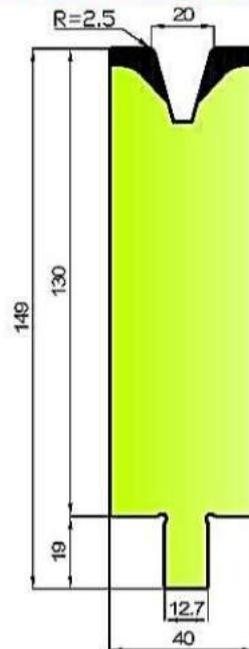
30° Cod.32.110 55 T/m



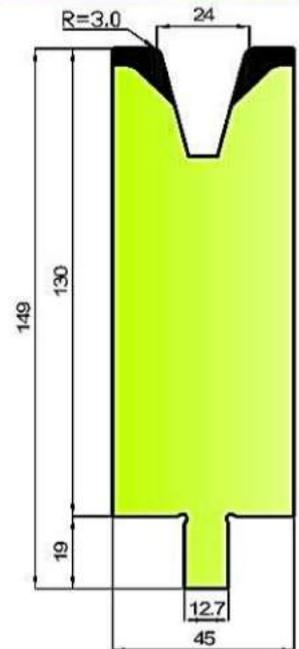
30° Cod.32.128 38 T/m



30° Cod.32.129 38 T/m

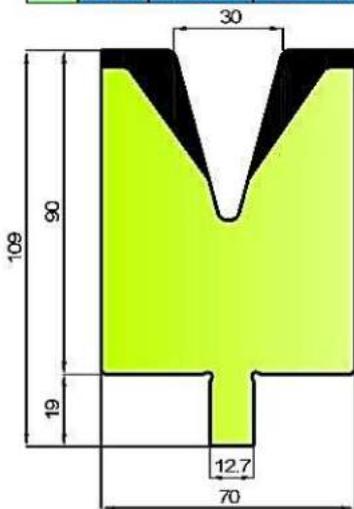


30° Cod.32.130 55 T/m

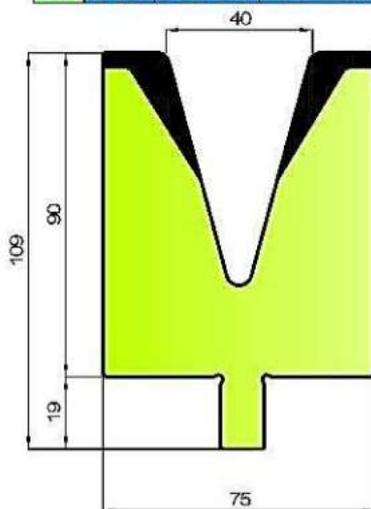


Matryce / Dies

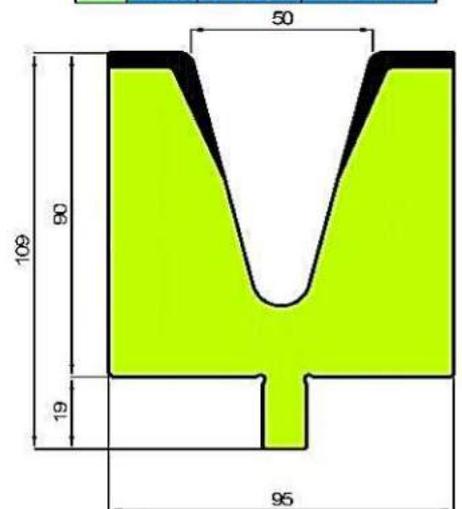
30° Cod.32.131 60 T/m



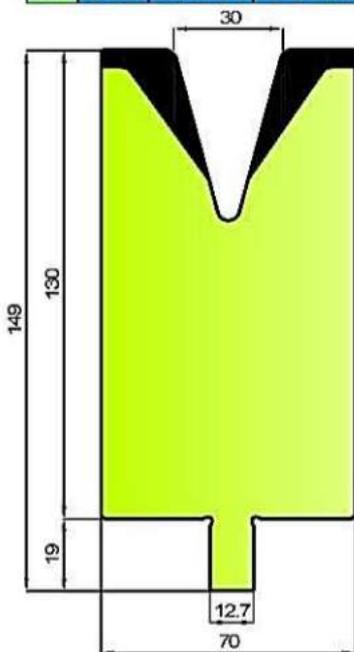
30° Cod.32.132 60 T/m



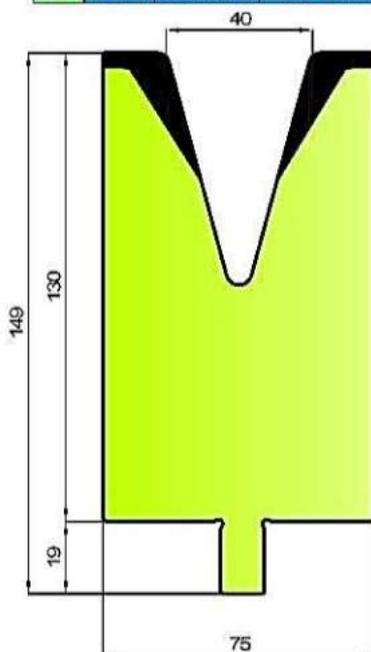
30° Cod.32.133 78 T/m



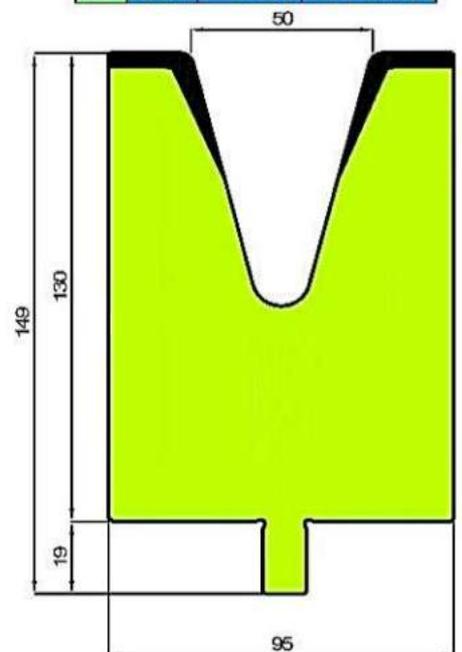
30° Cod.32.134 60 T/m



30° Cod.32.135 60 T/m

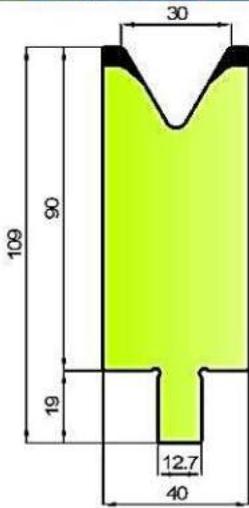


30° Cod.32.136 78 T/m

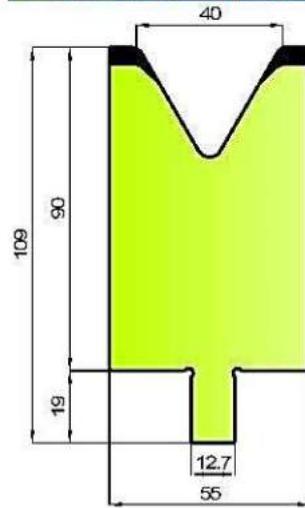


Matryce / Dies

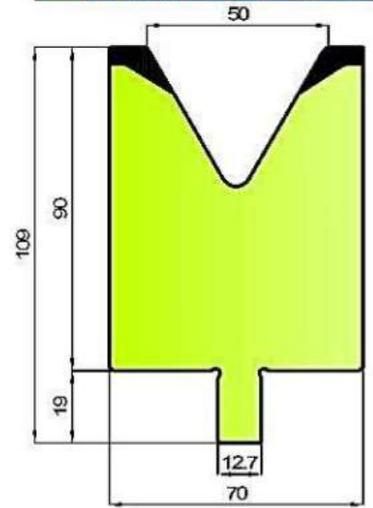
60° Cod. 32.137 50 T/m



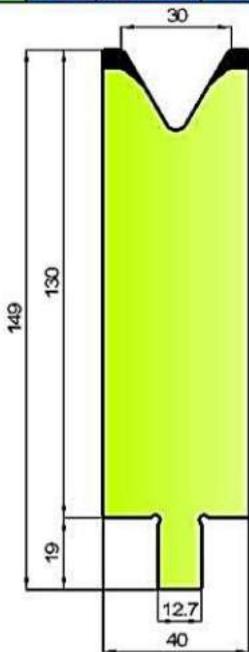
60° Cod. 32.138 66 T/m



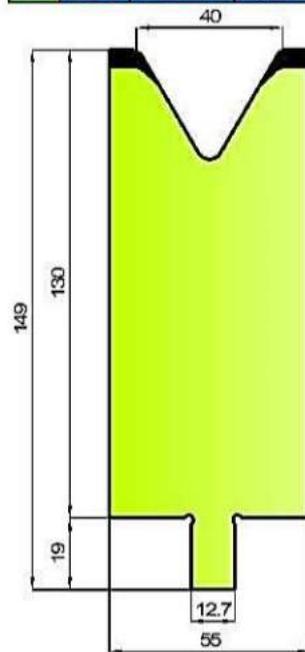
60° Cod. 32.139 105 T/m



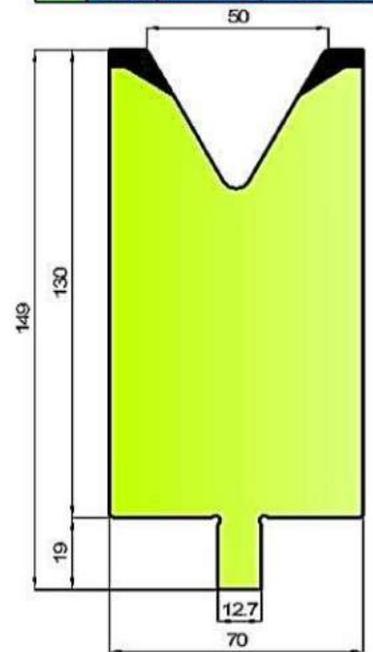
60° Cod. 32.140 50 T/m



60° Cod. 32.141 66 T/m

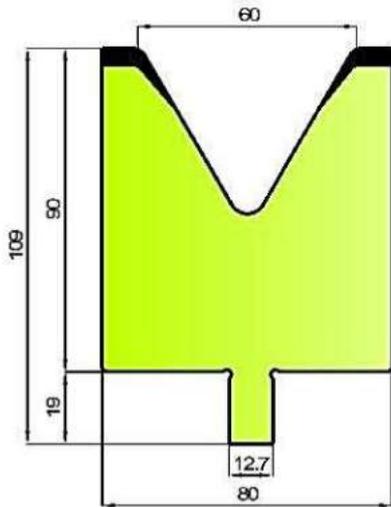


60° Cod. 32.142 105 T/m



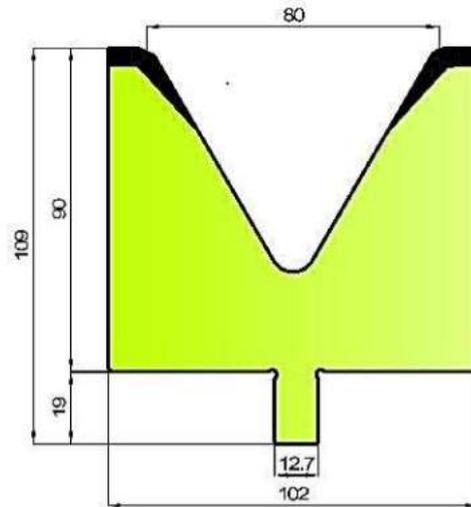
Matryce / Dies

60° Cod.32.143 135 T/m



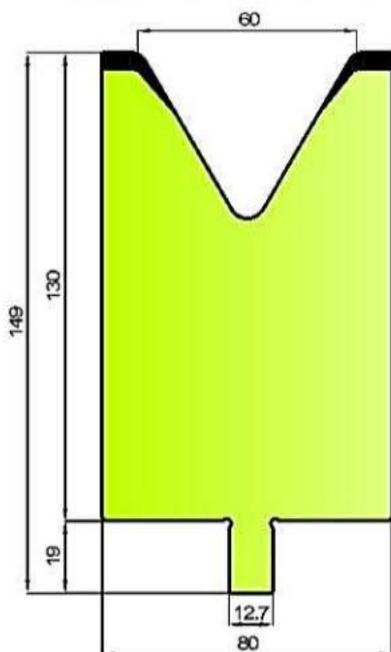
60°

60° Cod.32.144 175 T/m



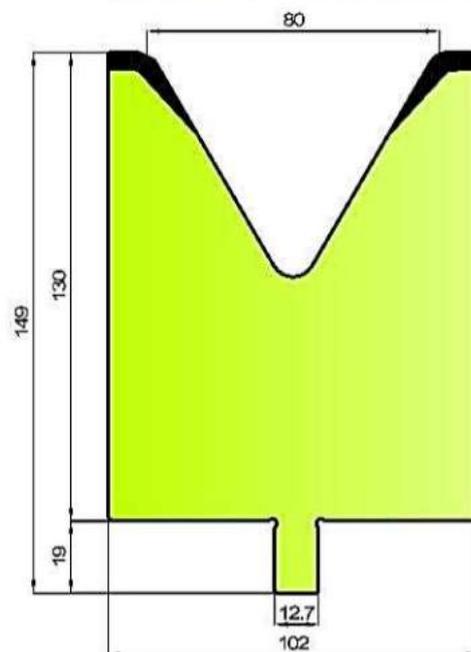
60°

60° Cod.32.145 135 T/m



60°

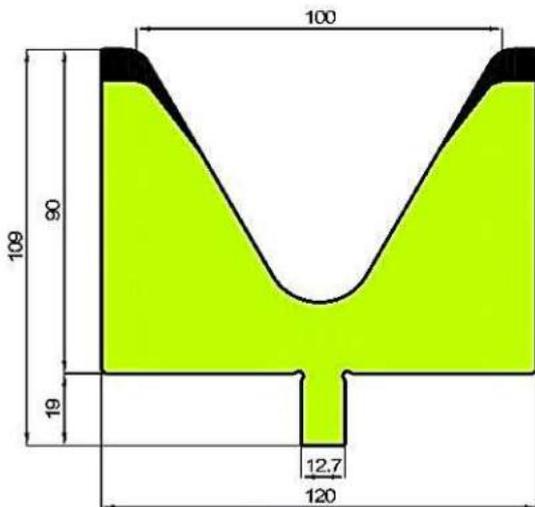
60° Cod.32.146 175 T/m



60°

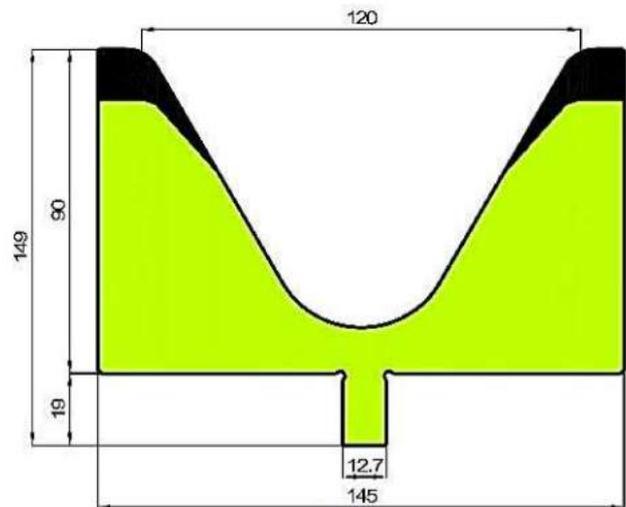
Matryce / Dies

60° Cod.32.147 150 T/m



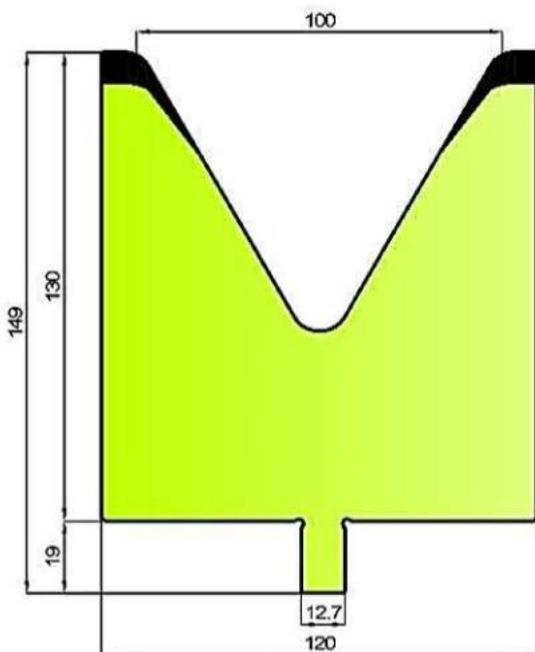
60°

60° Cod.32.148 130 T/m



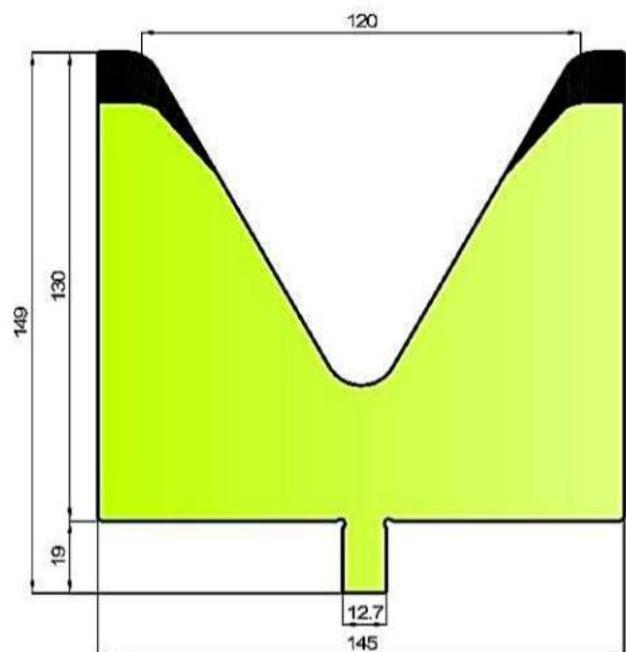
60°

60° Cod.32.149 150 T/m



60°

60° Cod.32.150 130 T/m



60°

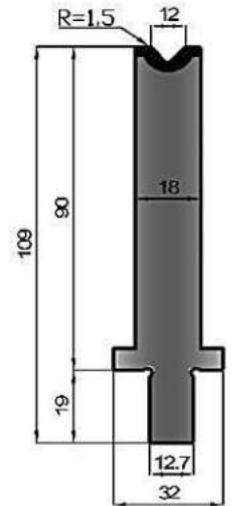
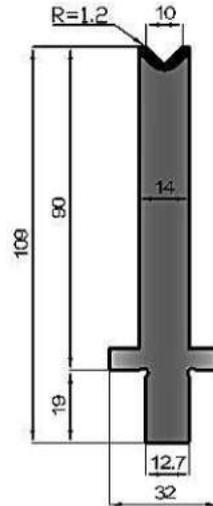
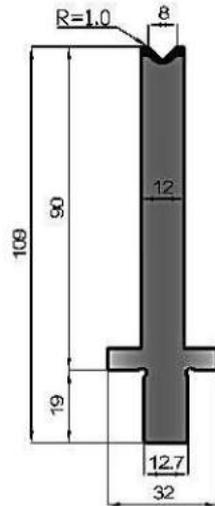
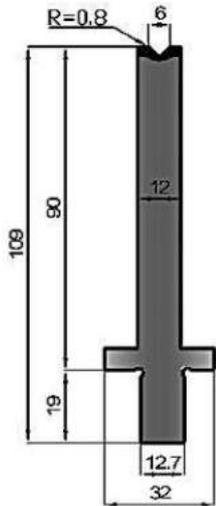
Matryce / Dies

78° Cod. 32.104 40 T/m

78° Cod. 32.105 40 T/m

78° Cod. 32.106 50 T/m

78° Cod. 32.107 60 T/m

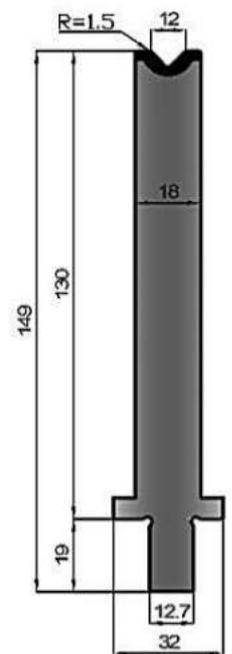
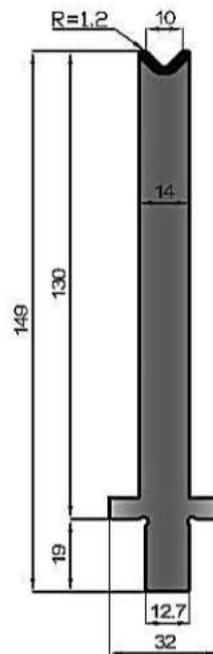
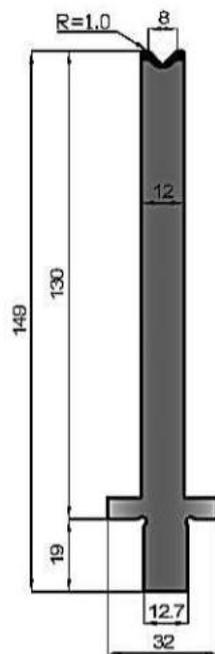
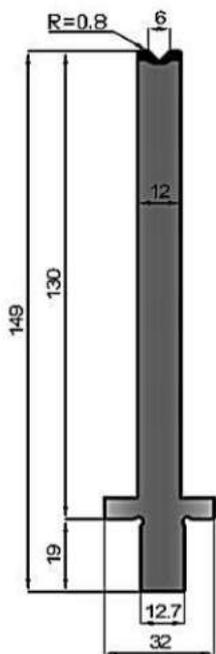


78° Cod. 32.151 40 T/m

78° Cod. 32.152 40 T/m

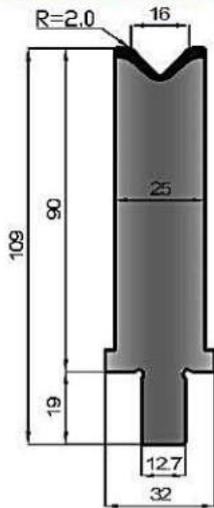
78° Cod. 32.153 50 T/m

78° Cod. 32.154 60 T/m

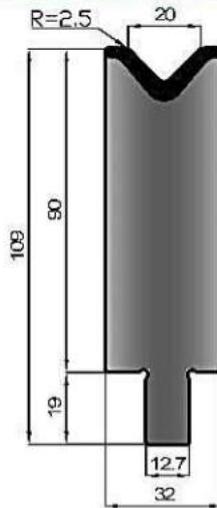


Matryce / Dies

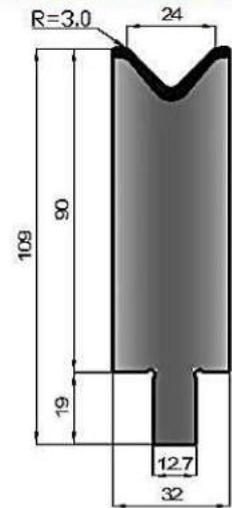
78° Cod.32.111 80 T/m



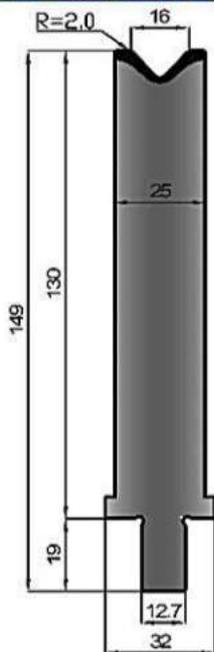
78° Cod.32.112 100 T/m



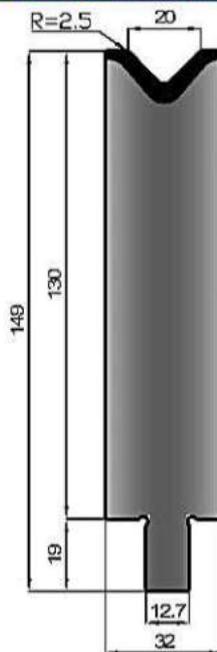
78° Cod.32.113 100 T/m



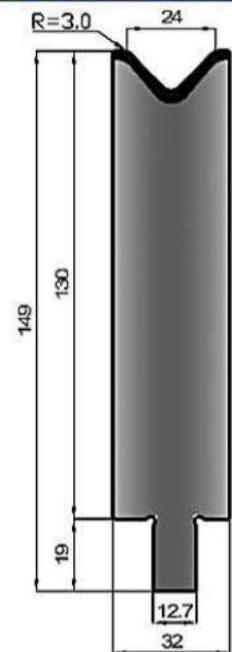
78° Cod.32.155 80 T/m



78° Cod.32.156 100 T/m

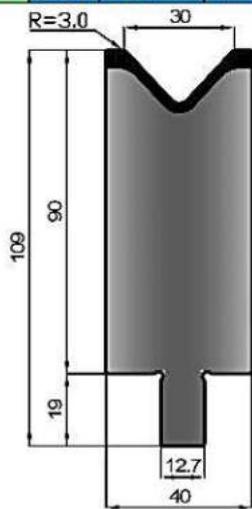


78° Cod.32.157 100 T/m

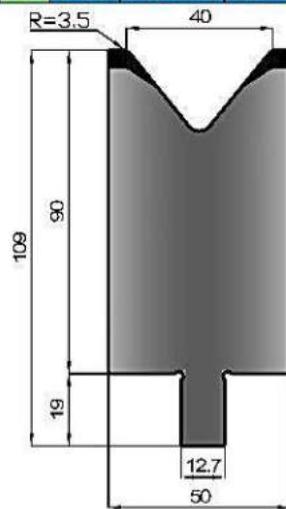


Matryce / Dies

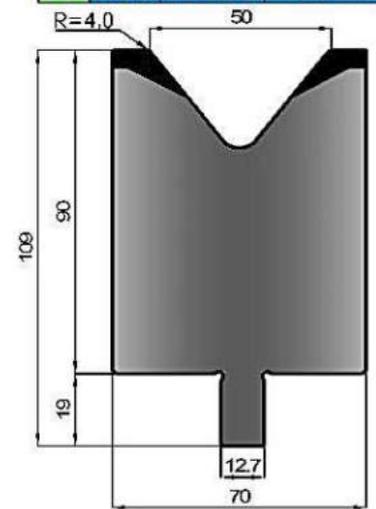
78° Cod.32.114 110 T/m



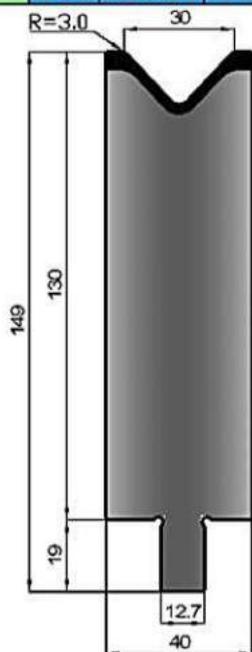
78° Cod.32.115 130 T/m



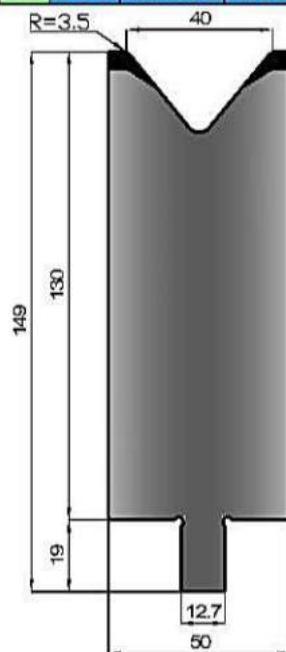
78° Cod.32.116 150 T/m



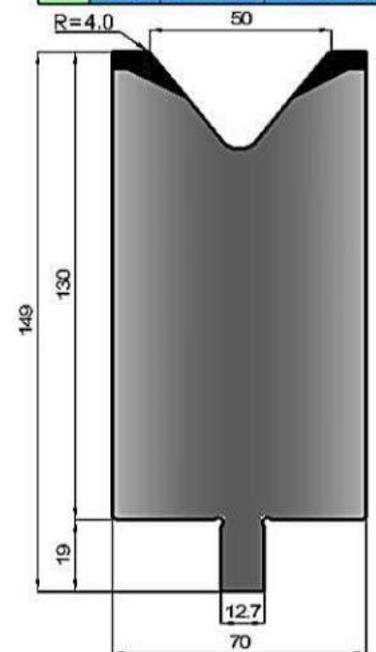
78° Cod.32.158 110 T/m



78° Cod.32.159 130 T/m

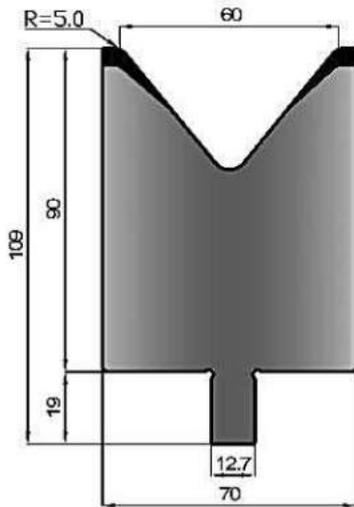


78° Cod.32.160 150 T/m



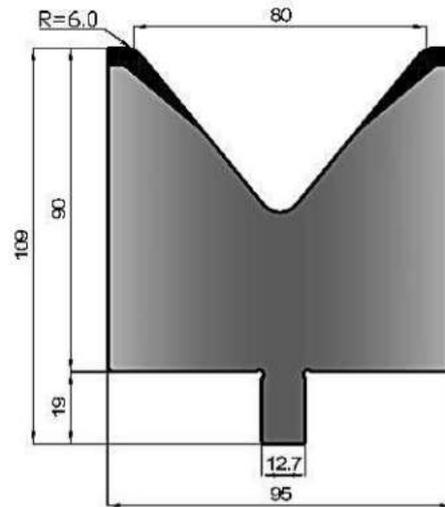
Matryce / Dies

78° Cod.32.117 150 T/m



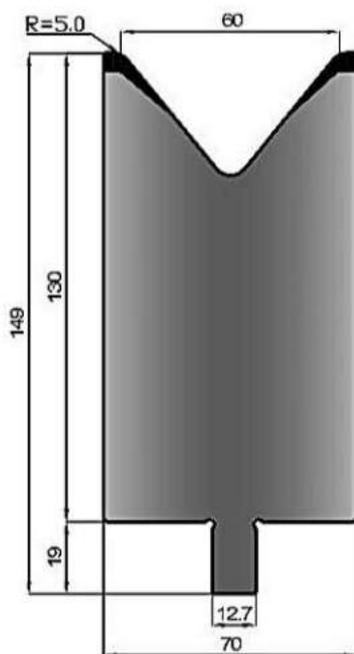
78°

78° Cod.32.118 150 T/m



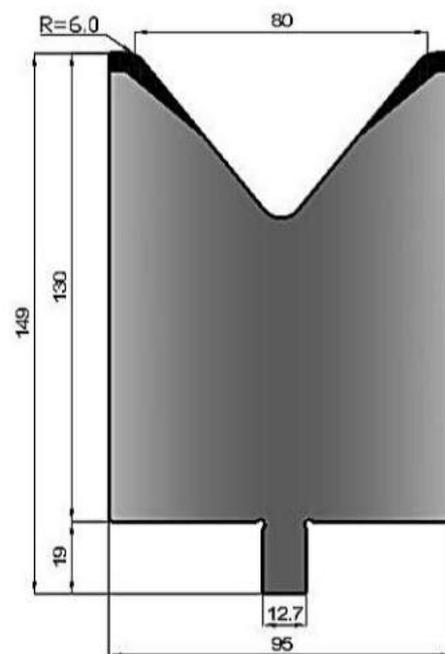
78°

78° Cod.32.161 150 T/m



78°

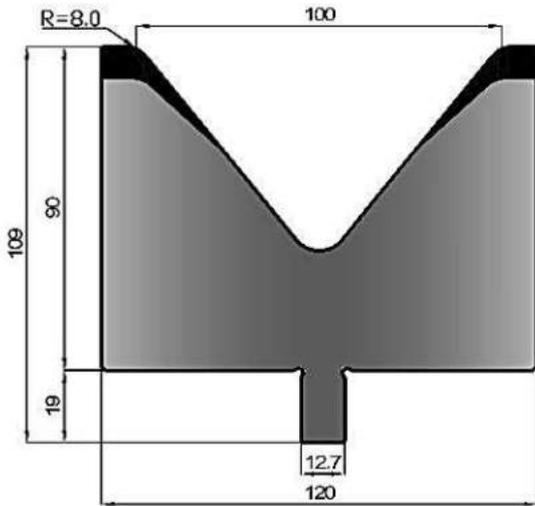
78° Cod.32.162 150 T/m



78°

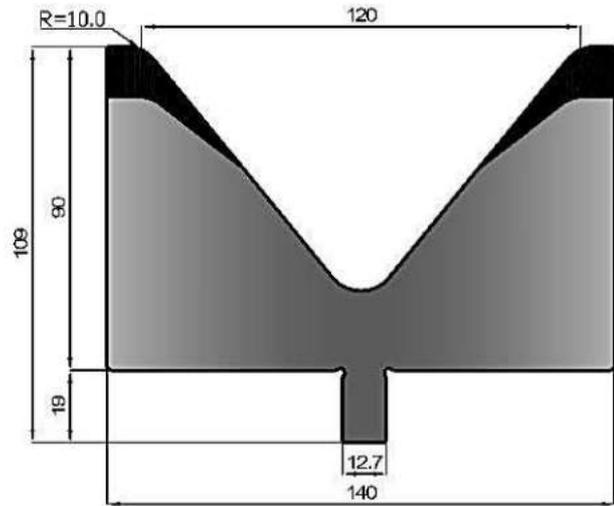
Matryce / Dies

78° Cod.32.119 150 T/m



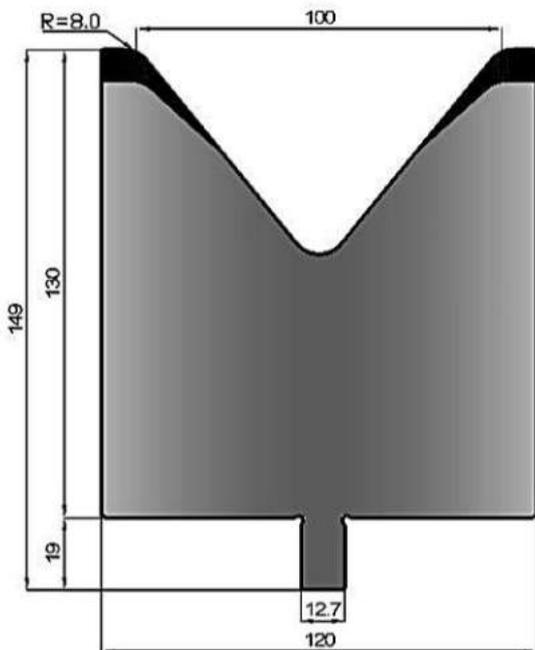
78°

78° Cod.32.163 150 T/m



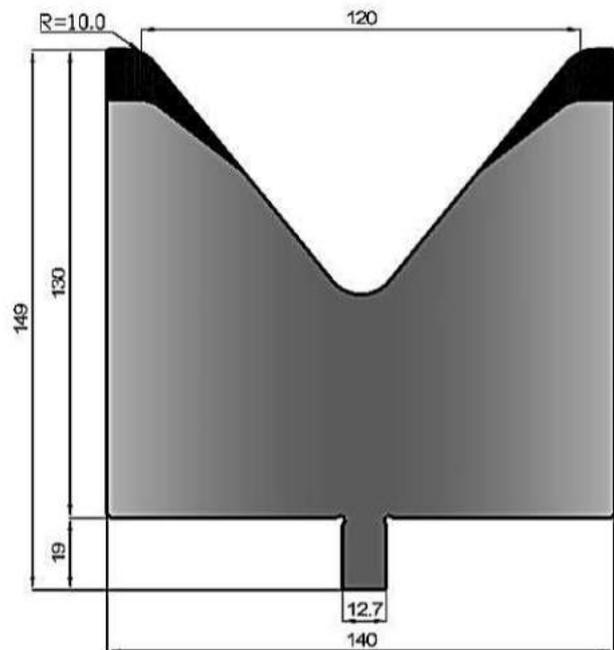
78°

78° Cod.32.164 150 T/m



78°

78° Cod.32.120 150 T/m

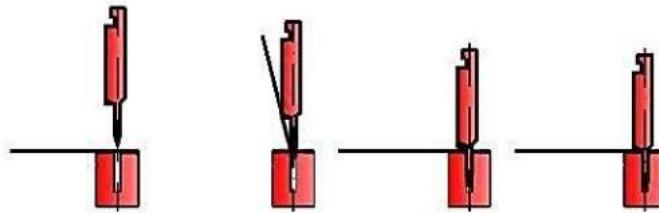


78°

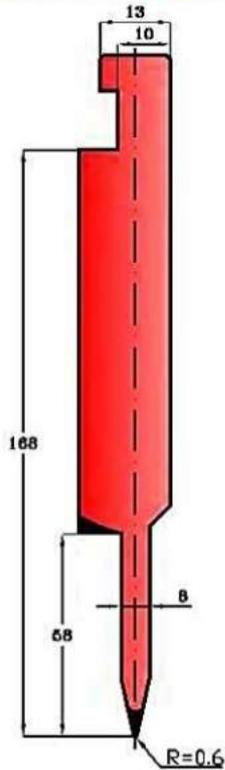
Zestaw do zagniatania / Flattening-hemming tool

LVD

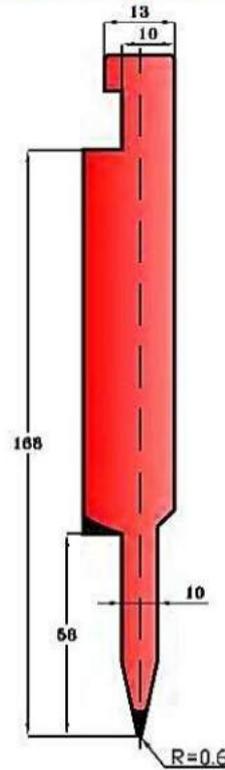
L=508
L=550 S



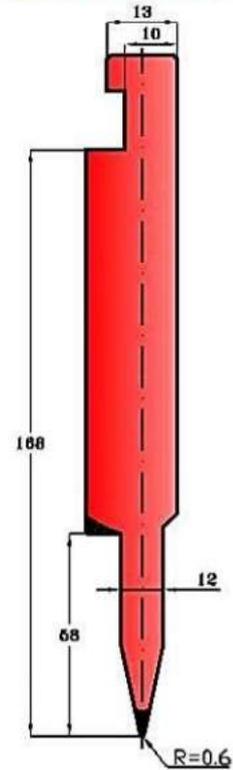
20° Cod.12.491 80 T/m



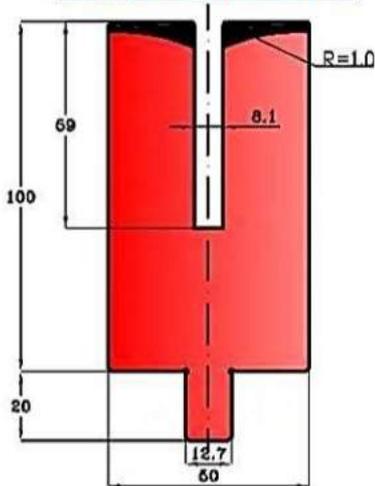
20° Cod.12.492 80 T/m



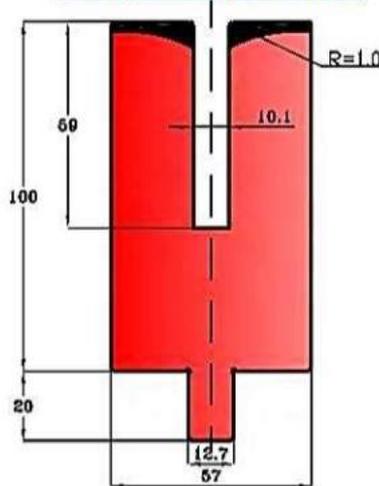
20° Cod.12.493 80 T/m



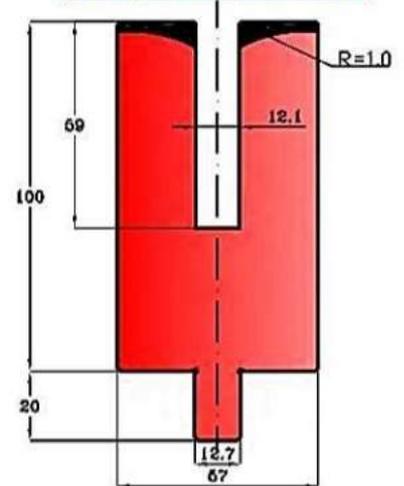
Cod.32.121 50 T/m



Cod.32.122 50 T/m

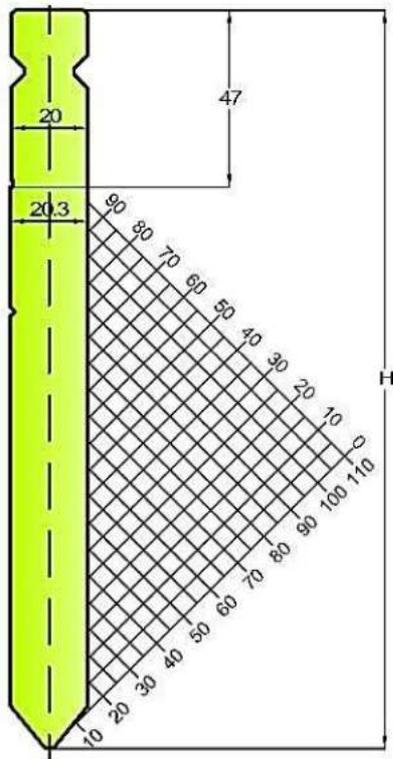


Cod.32.123 50 T/m



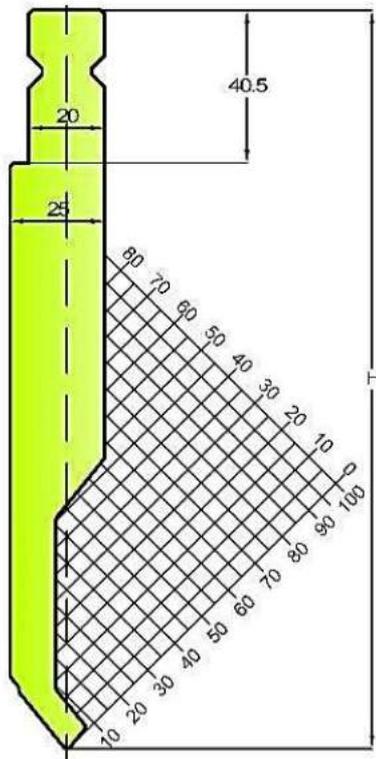
Stemple / Punches

Cod.	α	R	H	Max T/ml
18.001	78°	2.00	196.00	80



78°

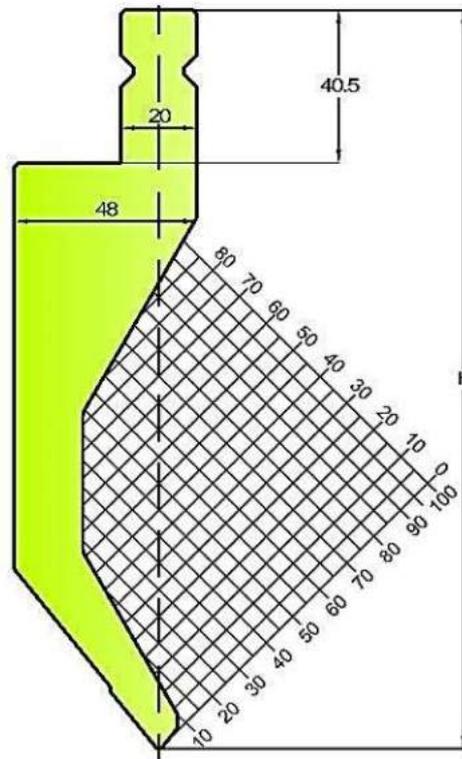
Cod.	α	R	H	Max T/ml
18.002	78°	1.00	196.00	40



78°

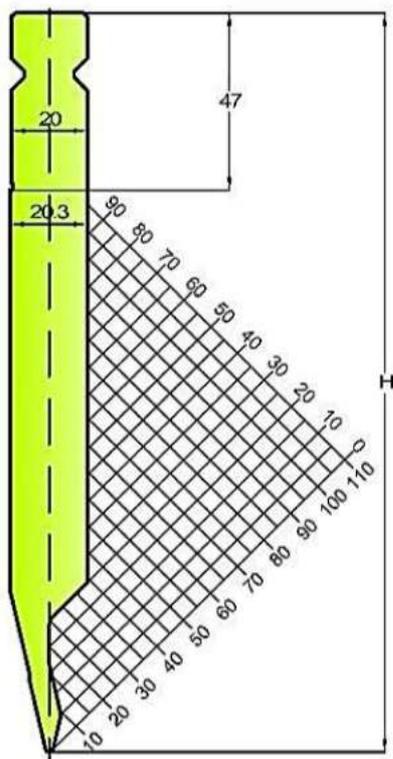
WILA / LVD

Cod.	α	R	H	Max T/ml
18.003	78°	1.00	196.00	40



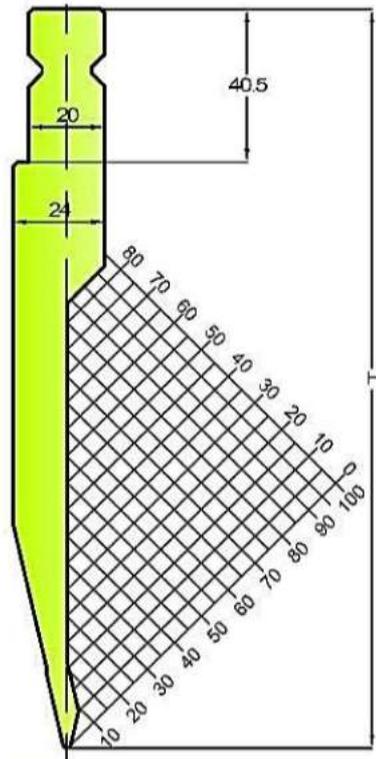
78°

Cod.	α	R	H	Max T/ml
18.004	26°	1.00	196.00	40



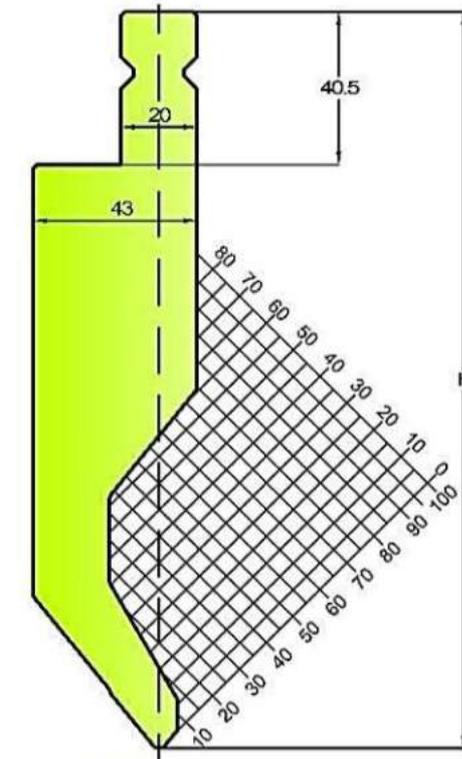
26°

Cod.	α	R	H	Max T/ml
18.005	26°	1.00	196.00	40



26°

Cod.	α	R	H	Max T/ml
18.006	78°	2.00	196.00	70



78°

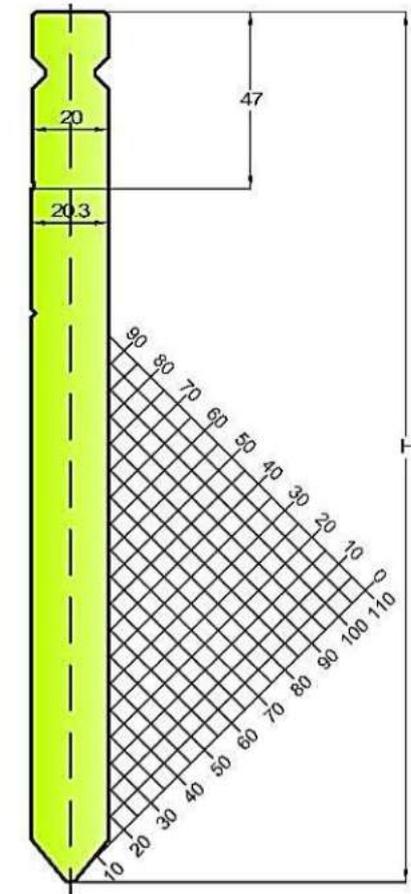
Stemple / Punches

WILA / LVD

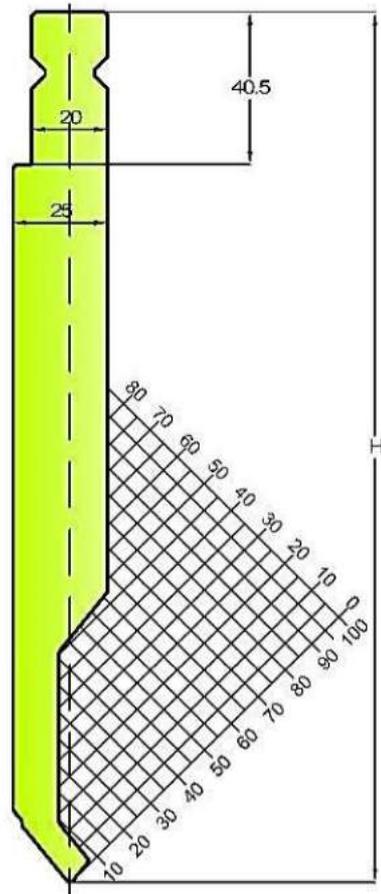
Cod.	α	R	H	Max T/mt
18.007	78°	3.00	231.00	120

Cod.	α	R	H	Max T/mt
18.008	78°	2.00	231.00	50

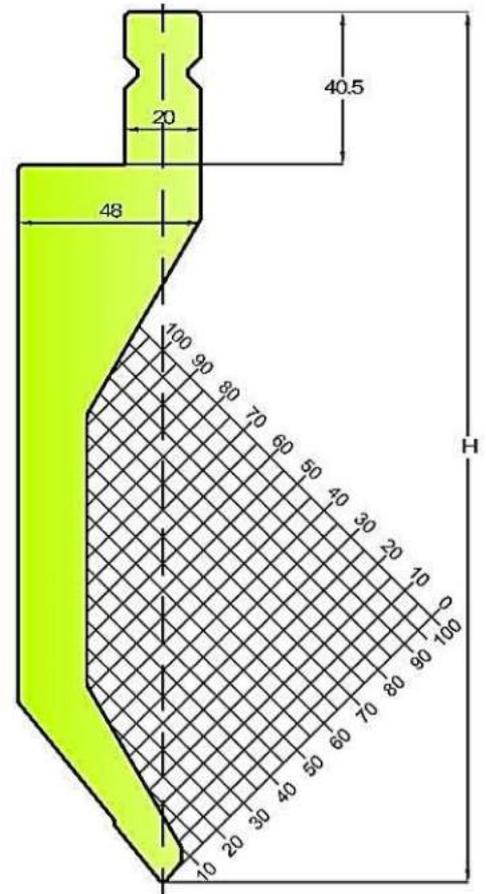
Cod.	α	R	H	Max T/mt
18.009	78°	2.00	231.00	75



78°



78°



78°

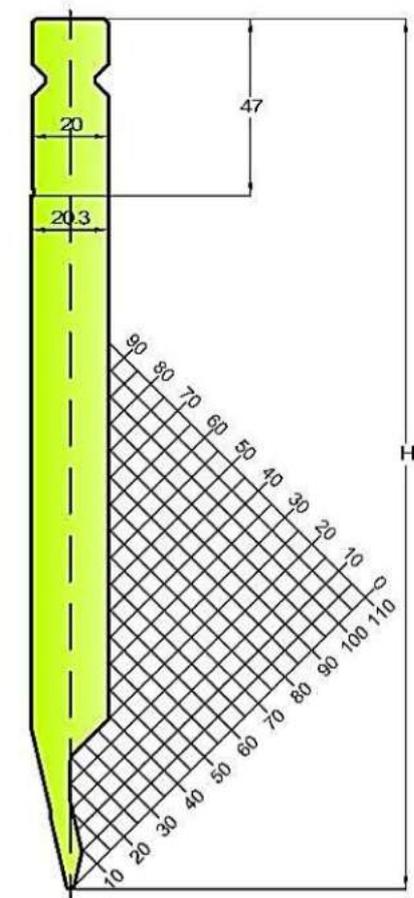
Stemple / Punches

WILA / LVD

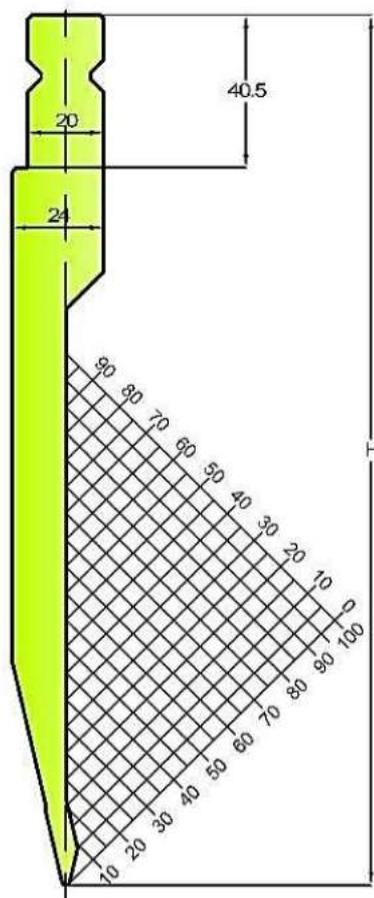
Cod.	α	R	H	Max T/mł
18.010	26°	2.00	231.00	50

Cod.	α	R	H	Max T/mł
18.011	26°	2.00	231.00	50

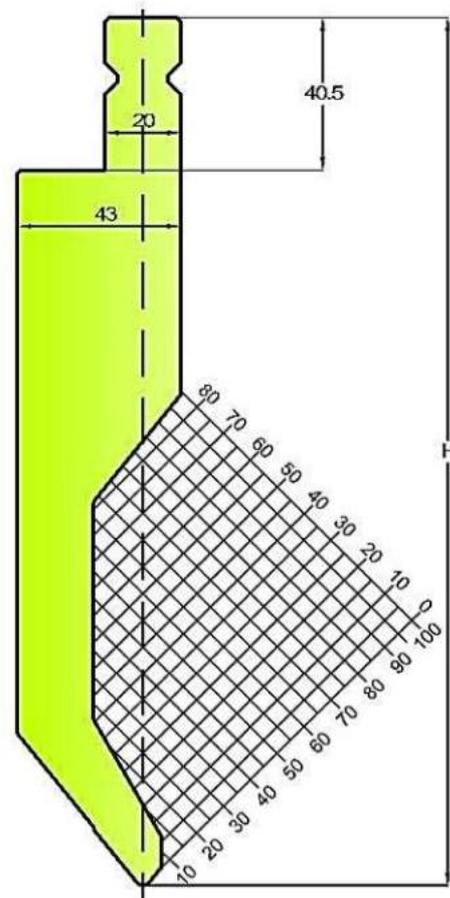
Cod.	α	R	H	Max T/mł
18.012	78°	2.00	231.00	80



26°



26°



78°

Zestaw do zagniatania / Flattening-hemming tool

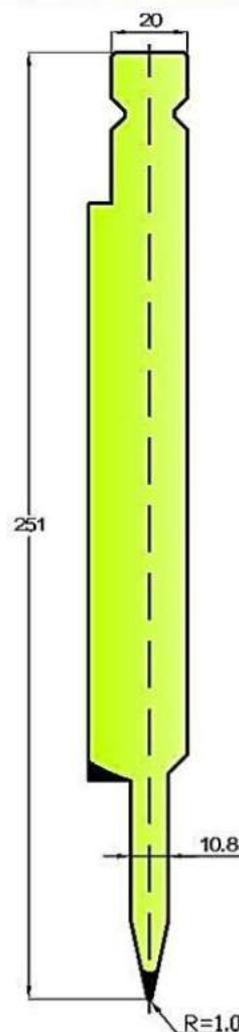
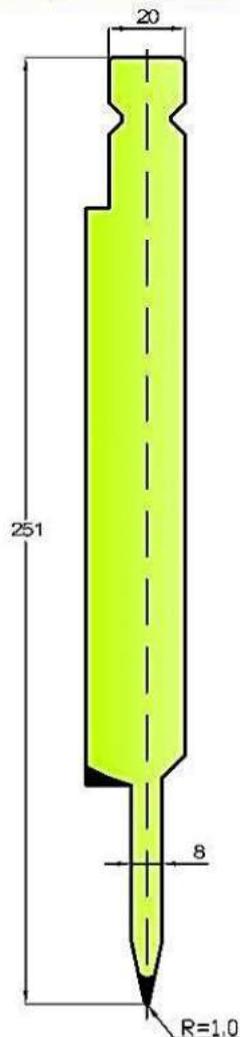
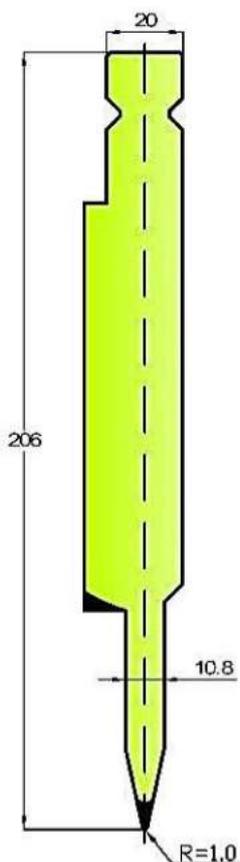
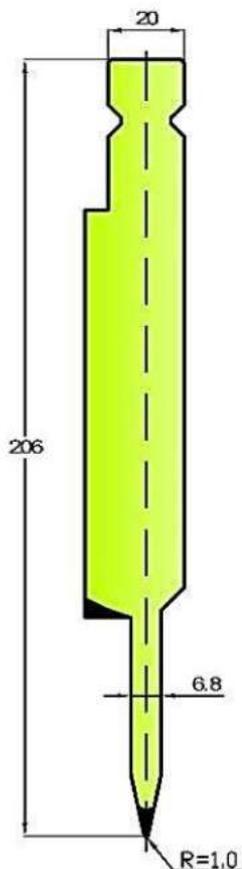
WILA / LVD

20° Cod.18.013 40 T/m

20° Cod.18.014 40 T/m

20° Cod.18.015 40 T/m

20° Cod.18.016 60 T/m

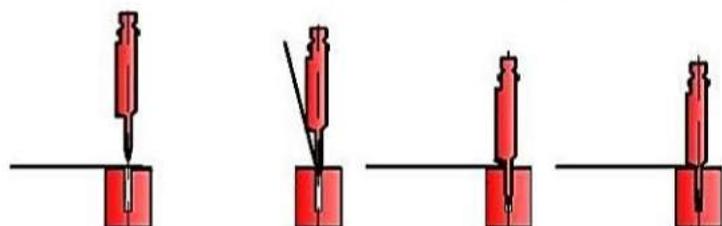
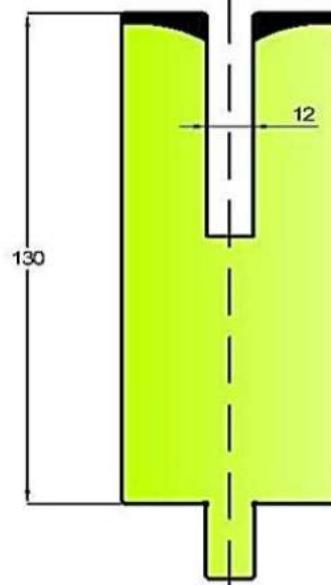
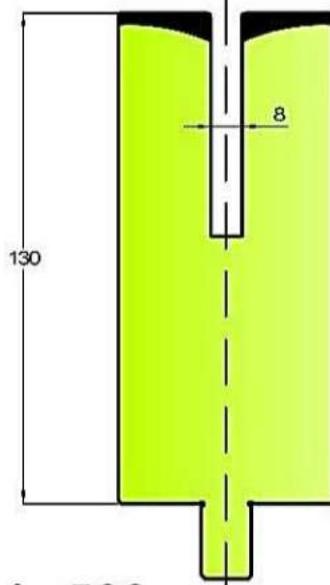
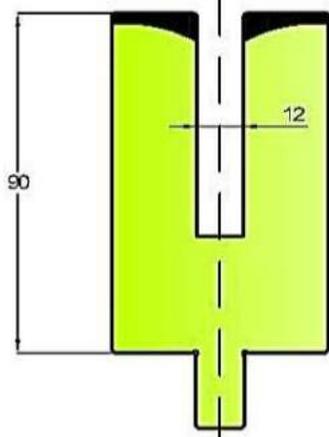
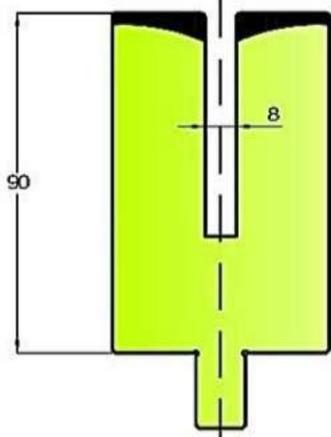


Cod.32.165 50 T/m

Cod.32.166 50 T/m

Cod.32.167 50 T/m

Cod.32.168 50 T/m



L=500
L=550 S

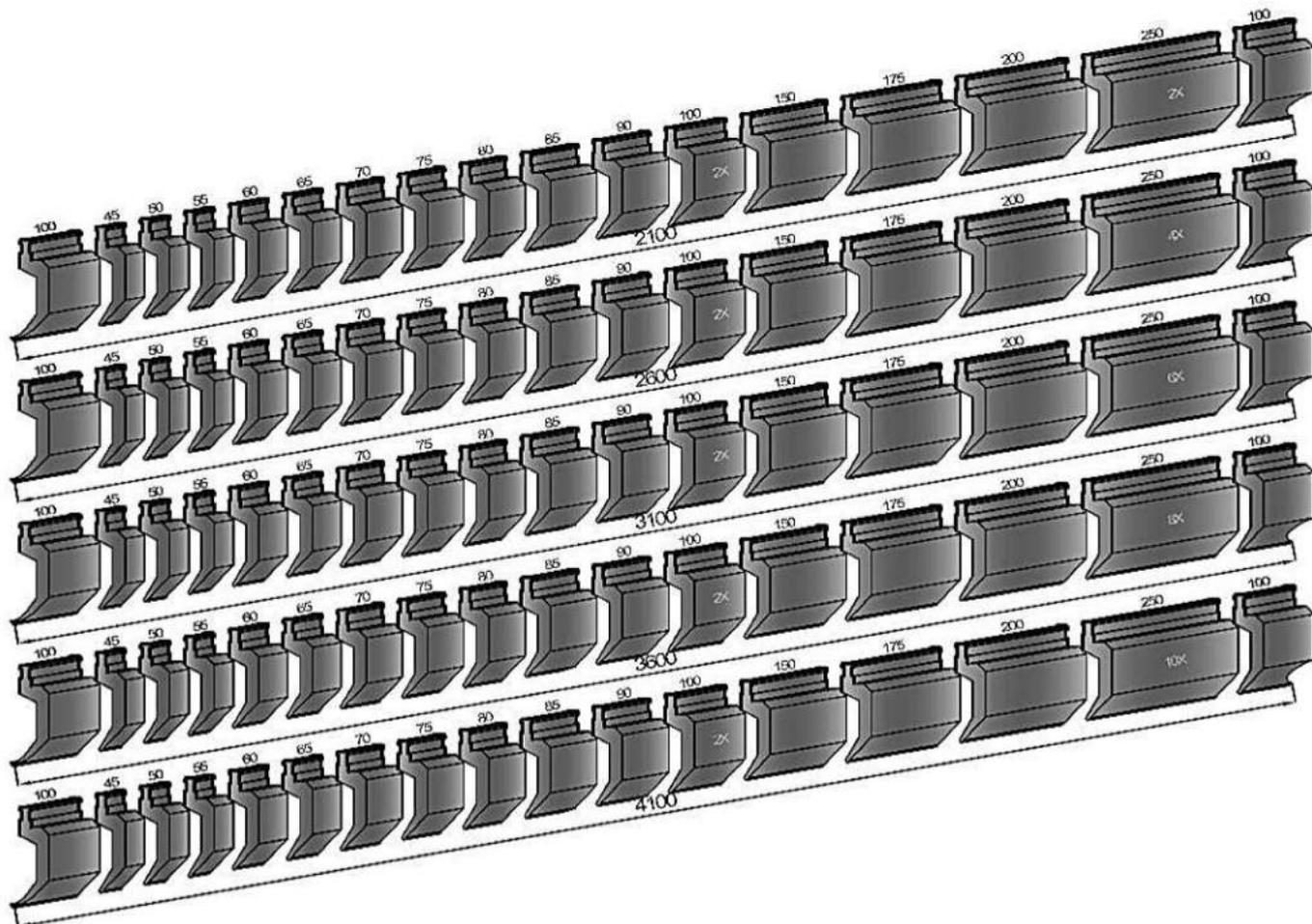
Stemple / Punches

Stemple są dostępne w standardowych odcinkach: dzielony 2100mm, 2600mm, 3100mm, 3600mm, 4100mm;

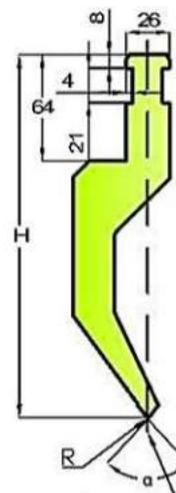
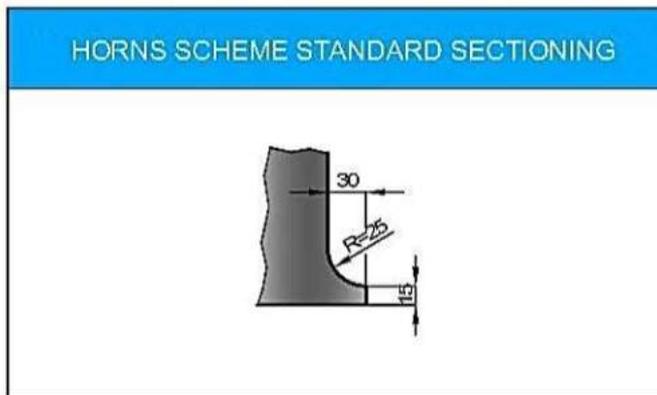
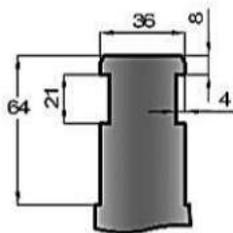
THE PUNCHES ARE AVAILABLE IN THE FOLLOWING STANDARD LENGTHS: SECTIONED 2100 mm ; 2600 mm ; 3100 mm ; 3600 mm ; 4100 mm

Podział standardowy

STANDARD SECTIONING



Opis / Description
H = Wysokość stempla / Height punch
α = Kąt stempla / Degree punch
R = Promień stempla / Radius punch



Obszar roboczy
WEAR PARTS

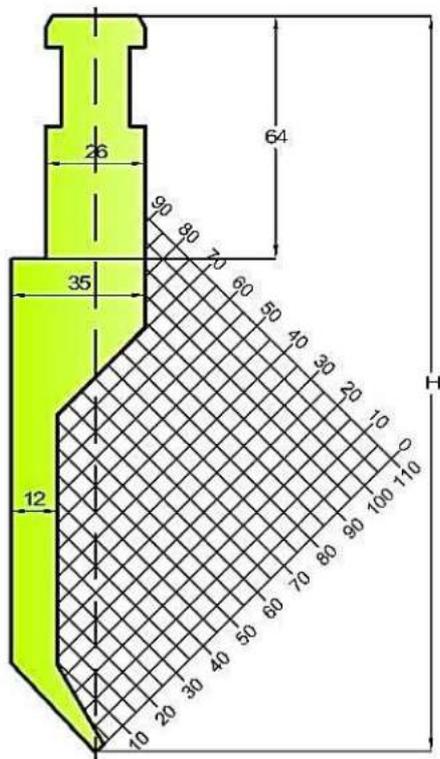
Stemple / Punches

EHT

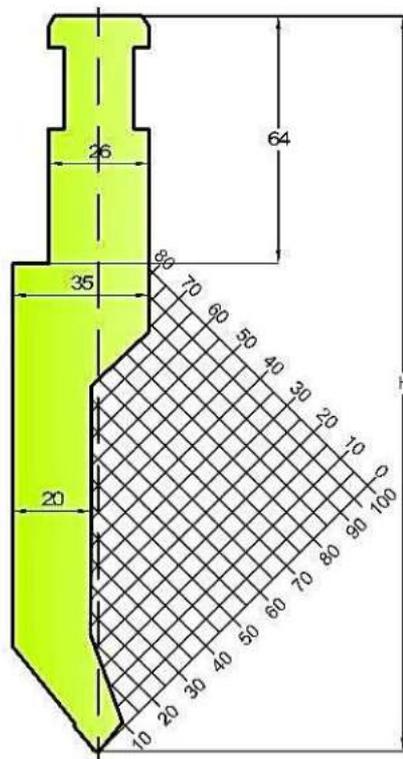
Cod.	α	R	H	Max T/mt
16.001	86°	0.60	220.00	20

Cod.	α	R	H	Max T/mt
16.002	78°	1.00	220.00	100

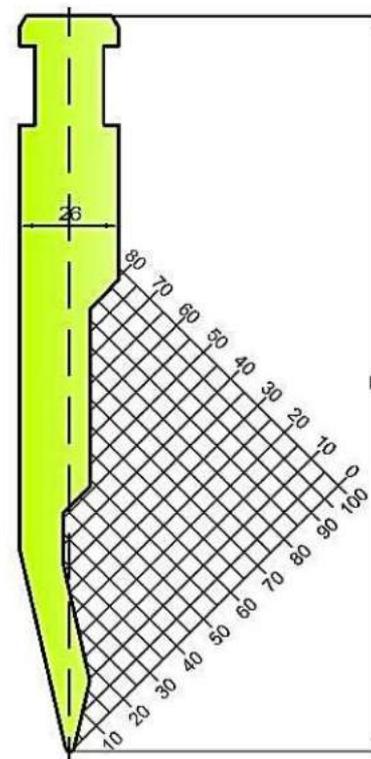
Cod.	α	R	H	Max T/mt
16.003	26°	1.00	220.00	45



86°



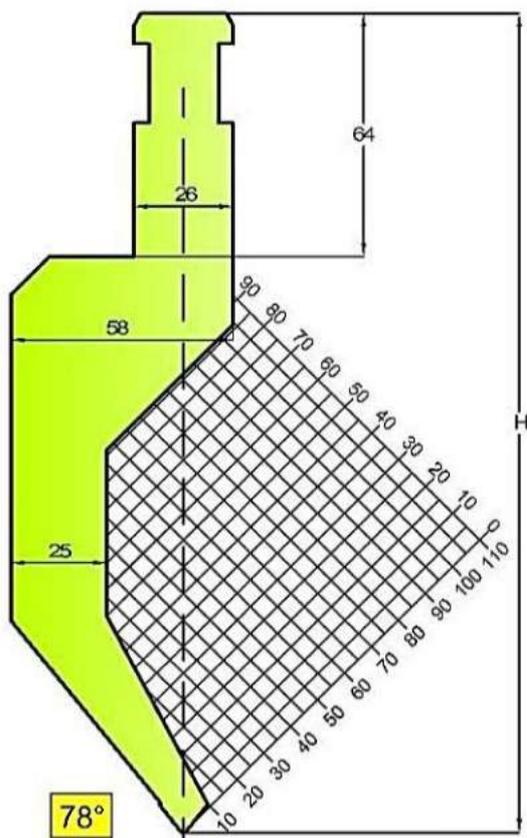
78°



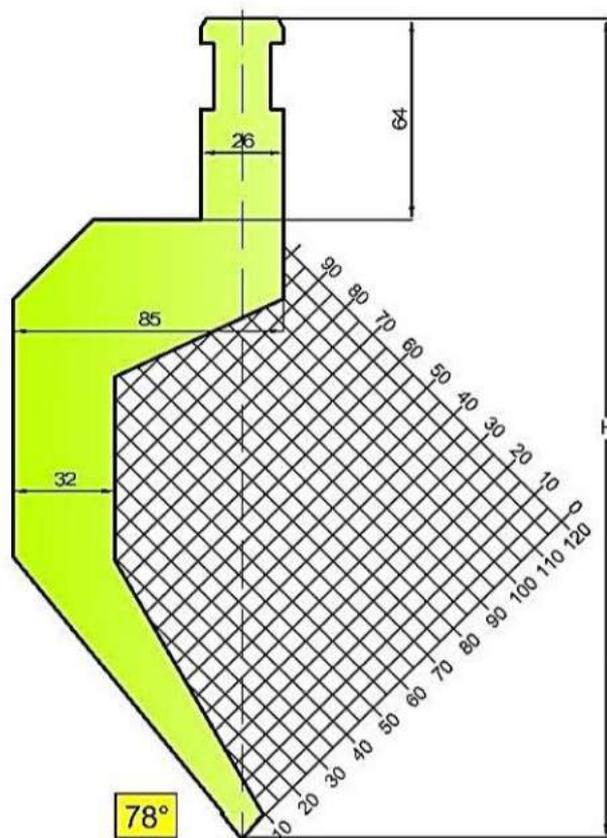
26°

Cod.	α	R	H	Max T/mt
16.004	78°	1.00	220.00	50

Cod.	α	R	H	Max T/mt
16.005	78°	1.00	260.00	50



78°

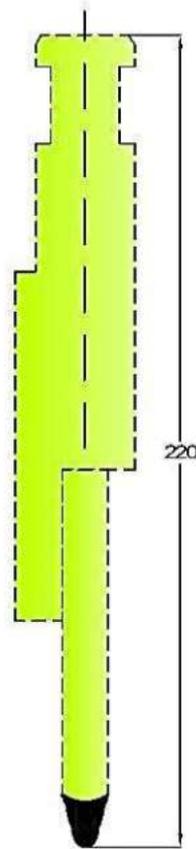
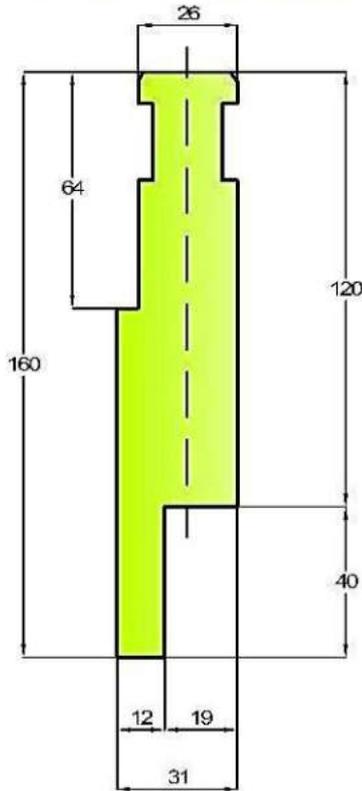
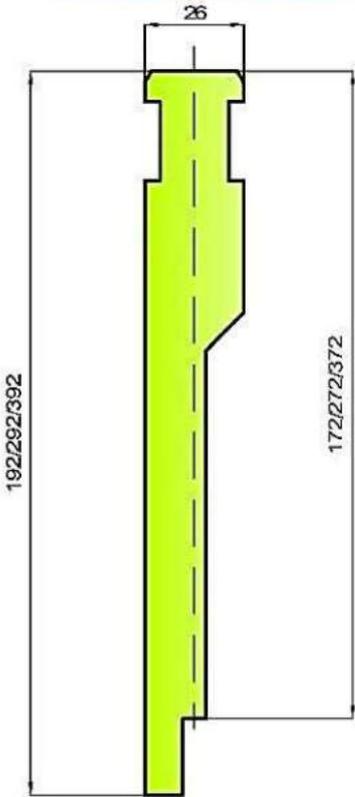


78°

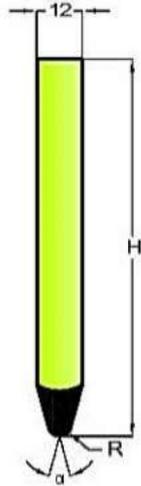
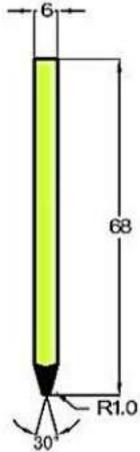
Stemple / Punches

Cod.16.006 50 T/m

Cod.16.008 100 T/m



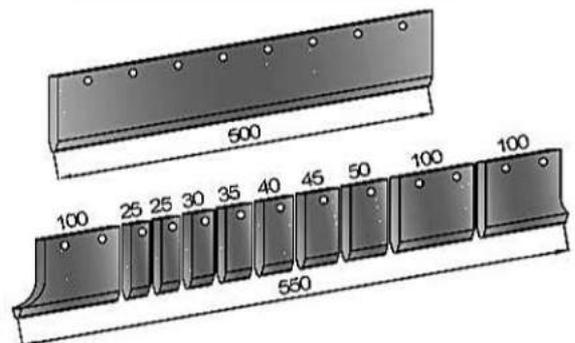
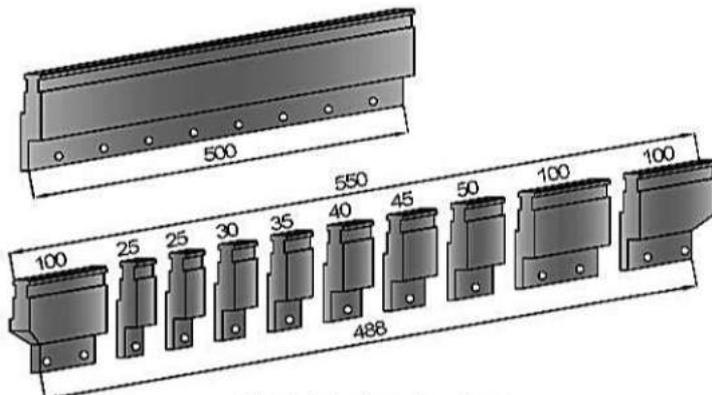
Cod.16.007 50 T/m



Cod.	α	R	H	Max T/mt
13.500	28°	0.50	100.00	100
13.501	28°	1.00	100.00	100
13.502	28°	2.00	100.00	100
13.503	28°	3.00	100.00	100
13.504	28°	4.00	100.00	100
13.505	28°	5.00	100.00	100
13.506	28°	6.00	100.00	100

Cod.	α	R	H	Max T/mt
13.520	84°	1.00	100.00	100

Cod.	α	R	H	Max T/mt
13.530	86°	1.00	100.00	100



Podział standardowy
STANDARD SECTIONING

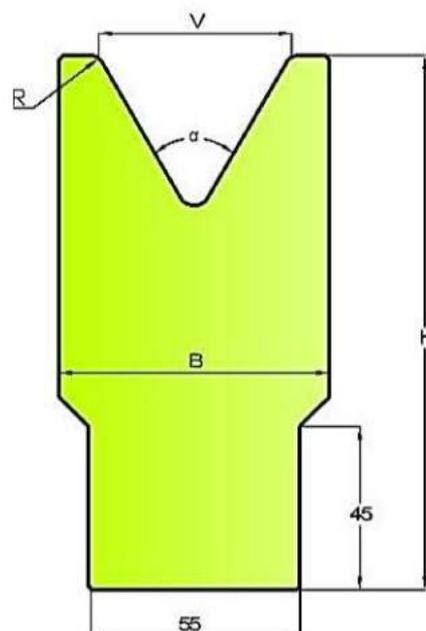
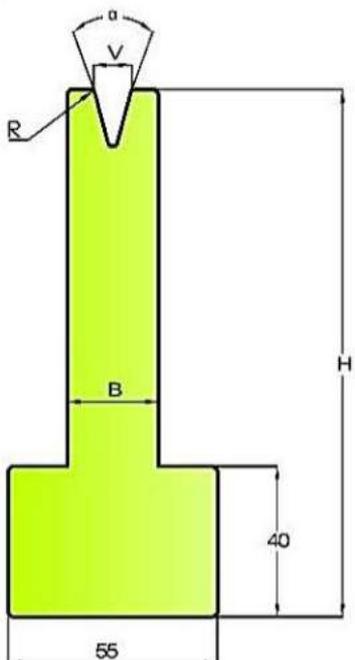
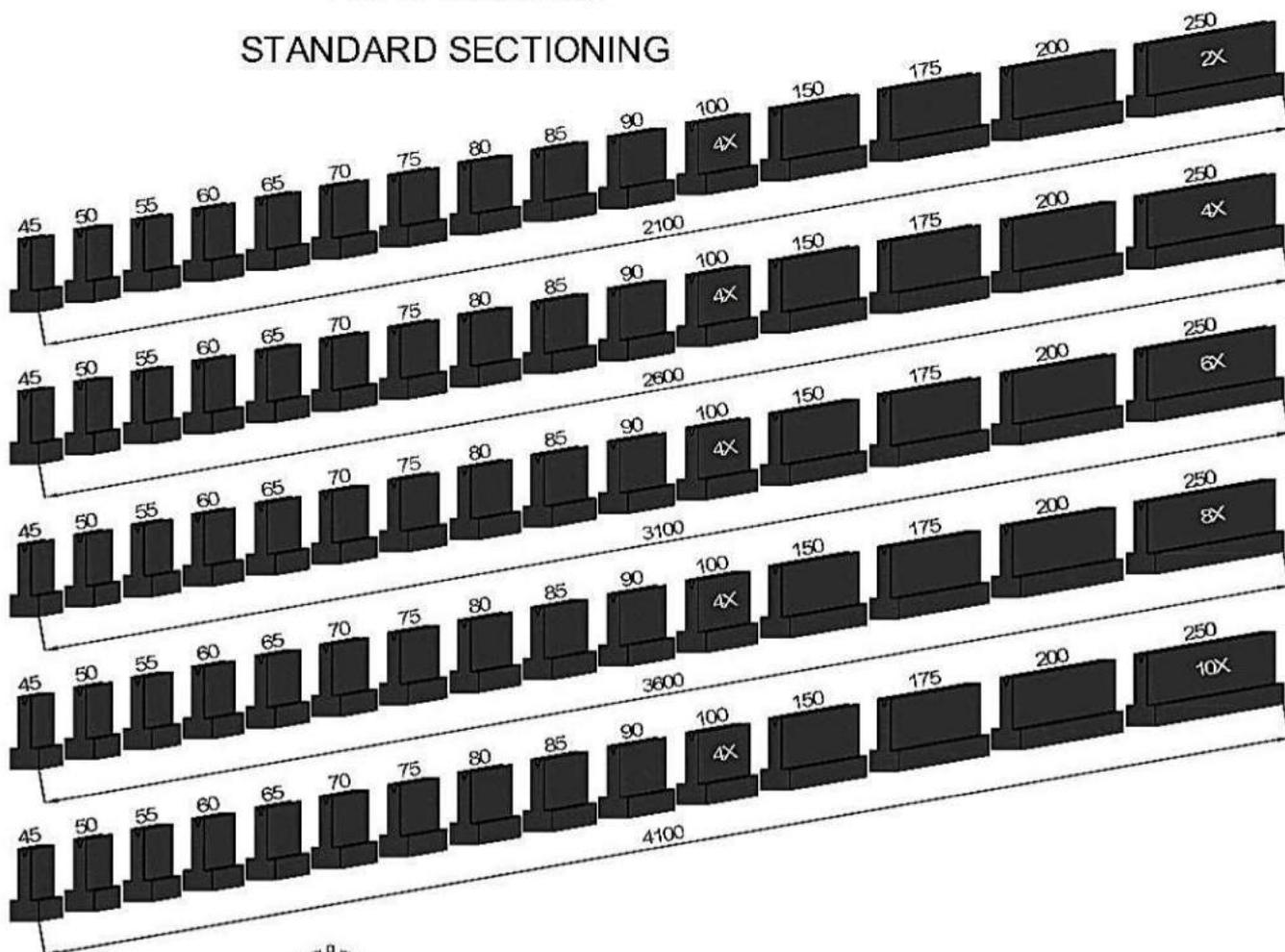
Podział standardowy
STANDARD SECTIONING

Matryce / Dies

Matryce są dostępne w standardowych odcinkach: dzielony 2100mm, 2600mm, 3100mm, 3600mm, 4100mm;

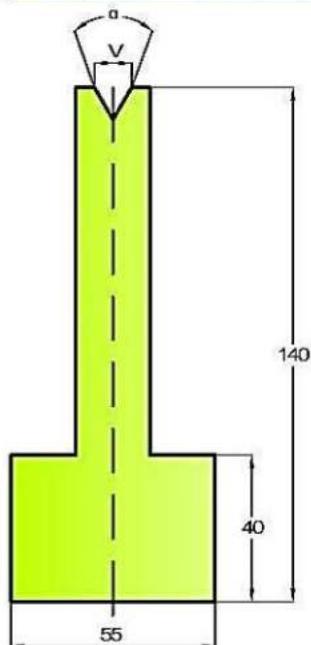
THE DIES ARE AVAILABLE IN THE FOLLOWING STANDARD LENGTHS: SECTIONED 2100 mm ; 2600 mm ; 3100 mm ; 3600 mm ; 4100 mm

Podział standardowy STANDARD SECTIONING

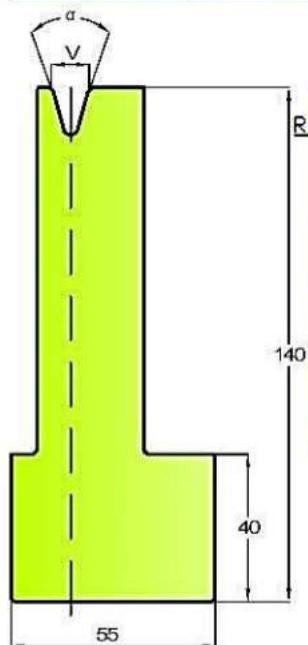


Matryce / Dies

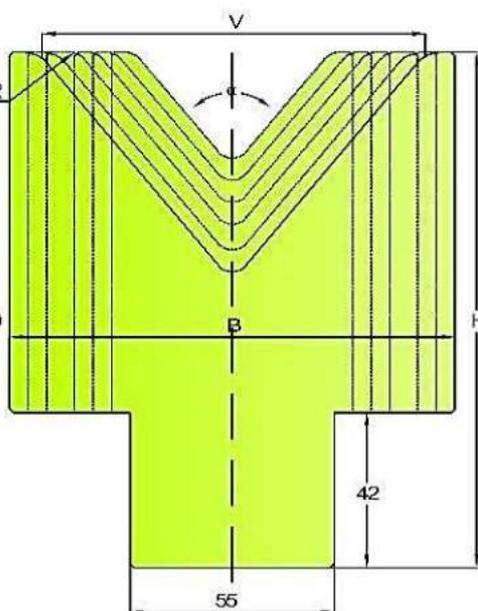
Cod.44.001 100 T/m



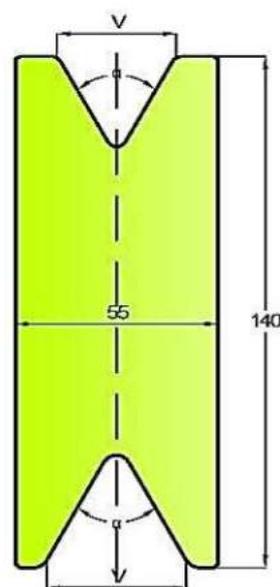
Cod.44.002 100 T/m



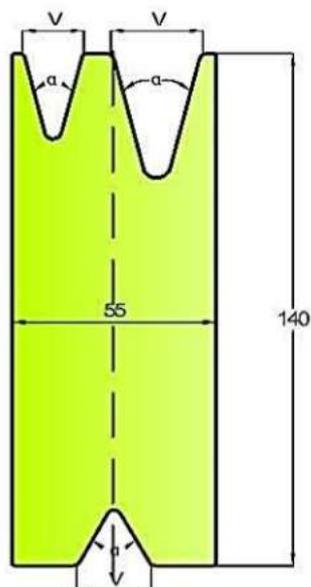
Cod.44.003 100 T/m



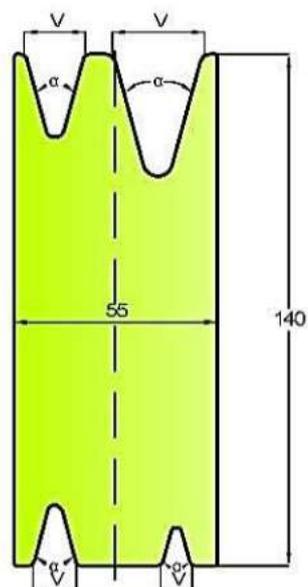
Cod.44.004 100 T/m



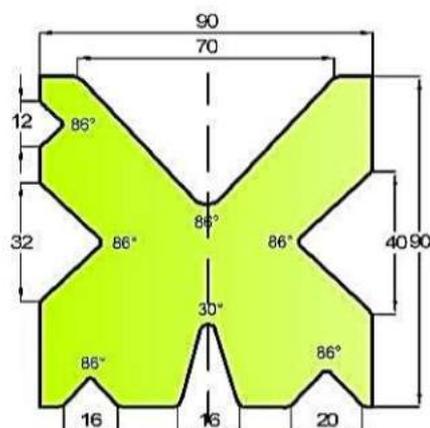
Cod.44.005 100 T/m



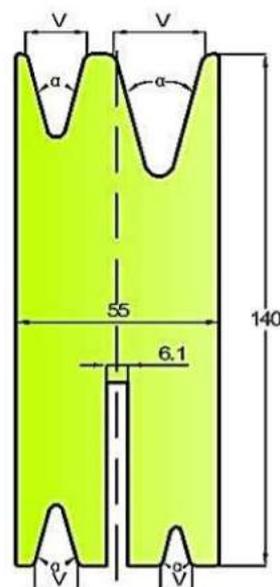
Cod.44.006 100 T/m



Cod.44.007 100 T/m



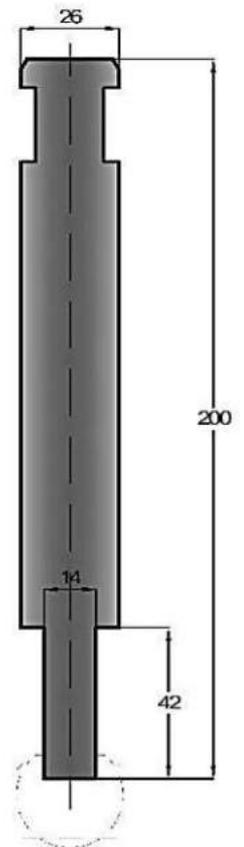
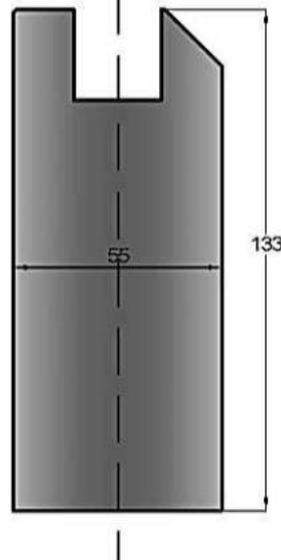
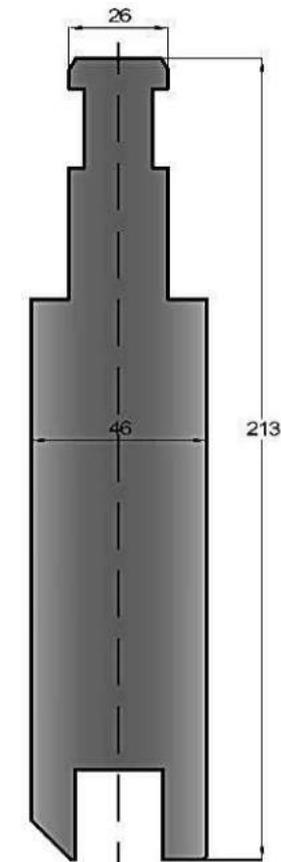
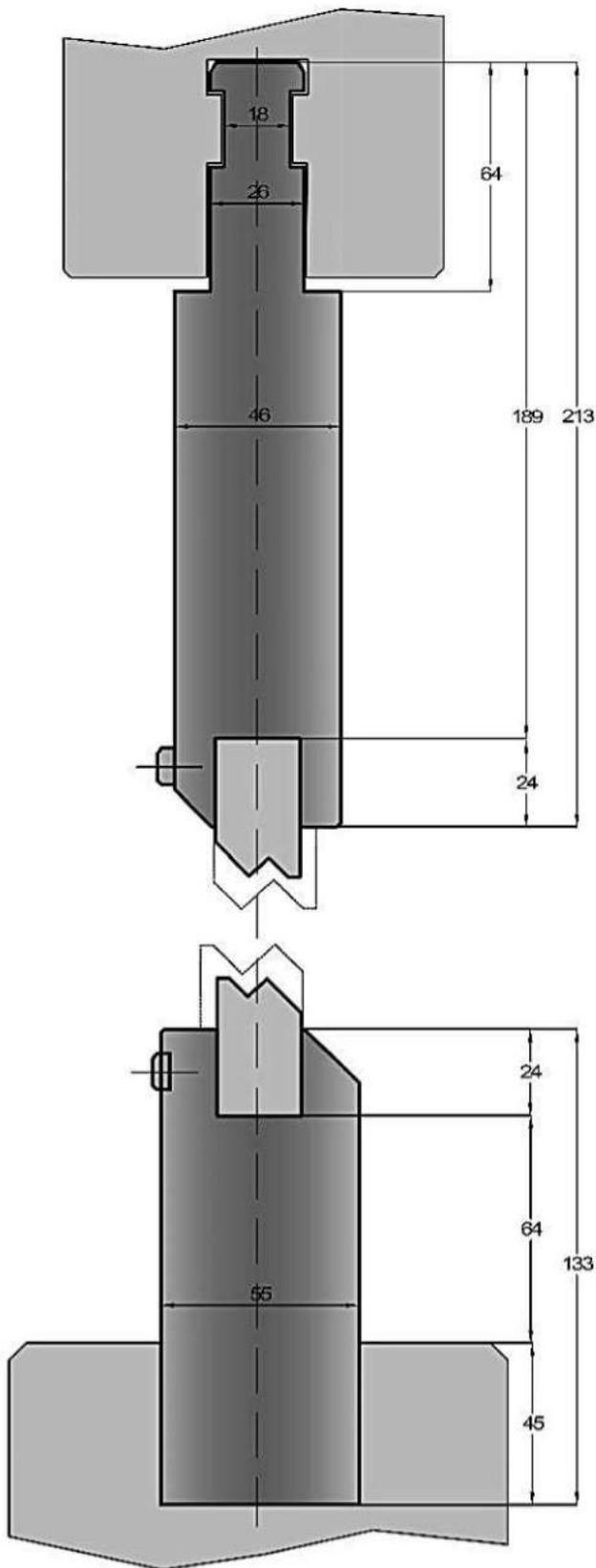
Cod.44.008 100 T/m



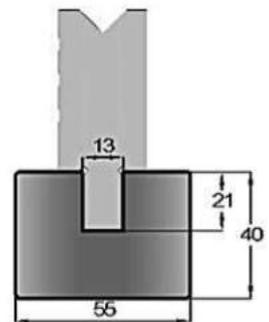
Zestaw „Z” / „Z” tools

Cod.16.009 100 T/m

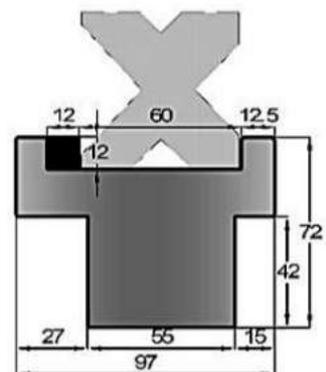
Cod.16.010 80 T/m



Cod.44.009 100 T/m



Cod.44.010 100 T/m



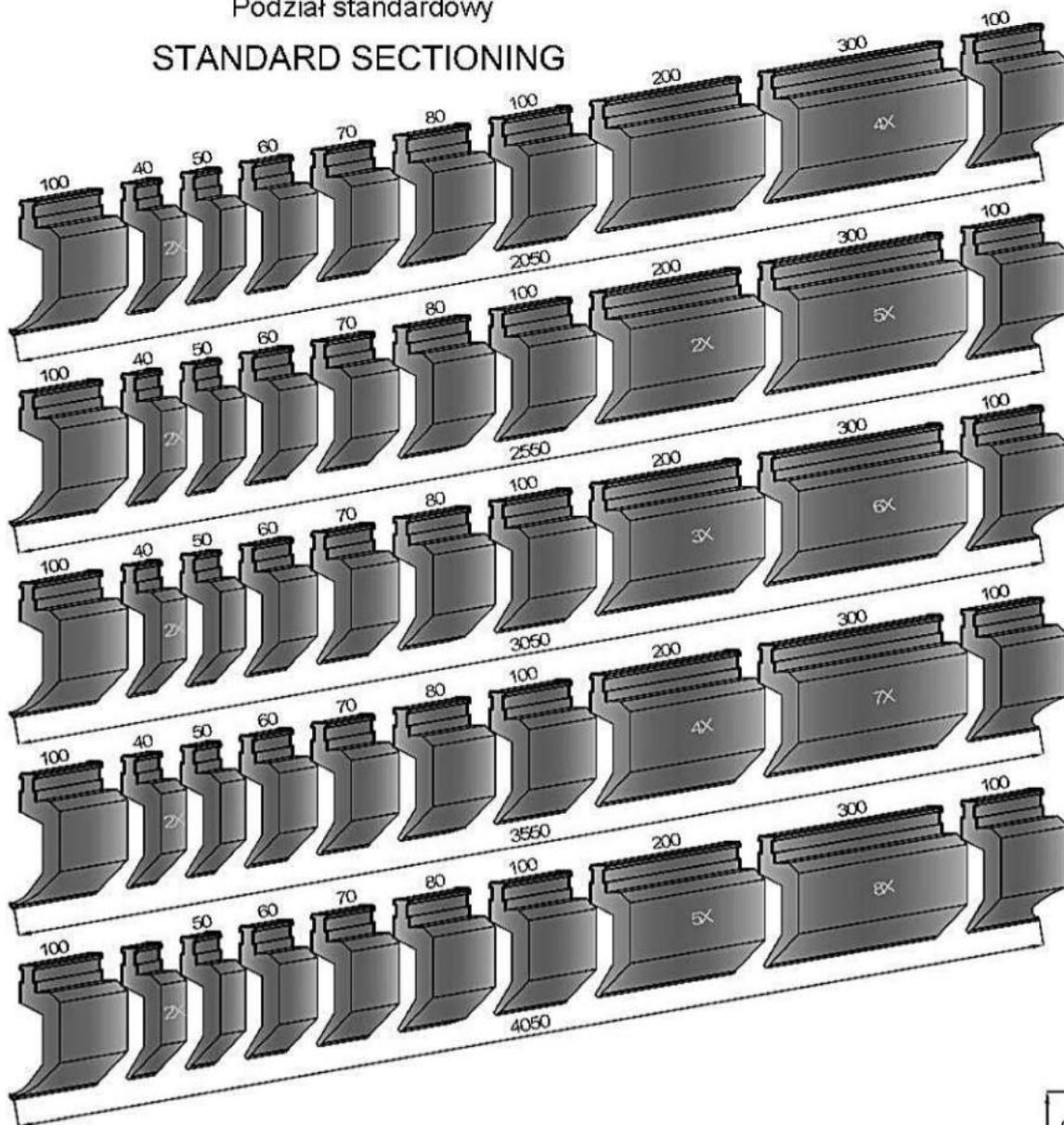
Stemple / Punches

Weinbrenner

Stemple są dostępne w standardowych odcinkach: dzielony 2050mm, 2550mm, 3050mm, 3550mm, 4050mm;

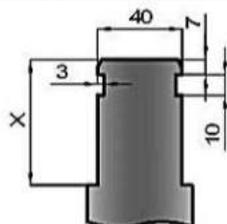
THE PUNCHES ARE AVAILABLE IN THE FOLLOWING STANDARD LENGTHS: SECTIONED 2050 mm ; 2550 mm ; 3050 mm ; 3550 mm ; 4050 mm

Podział standardowy STANDARD SECTIONING

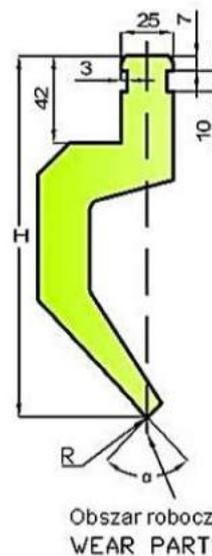
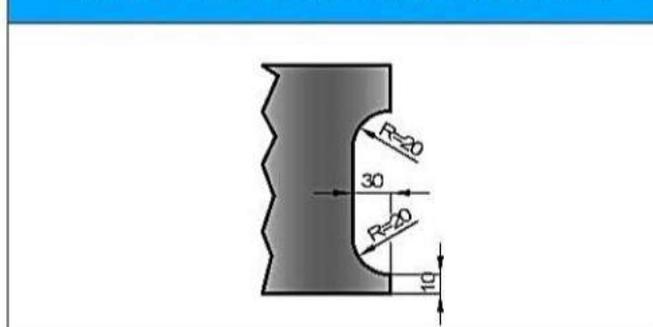


Opis / Description

H = Wysokość stempła / Height punch
α = Kąt stempła / Degree punch
R = Promień stempła / Radius punch

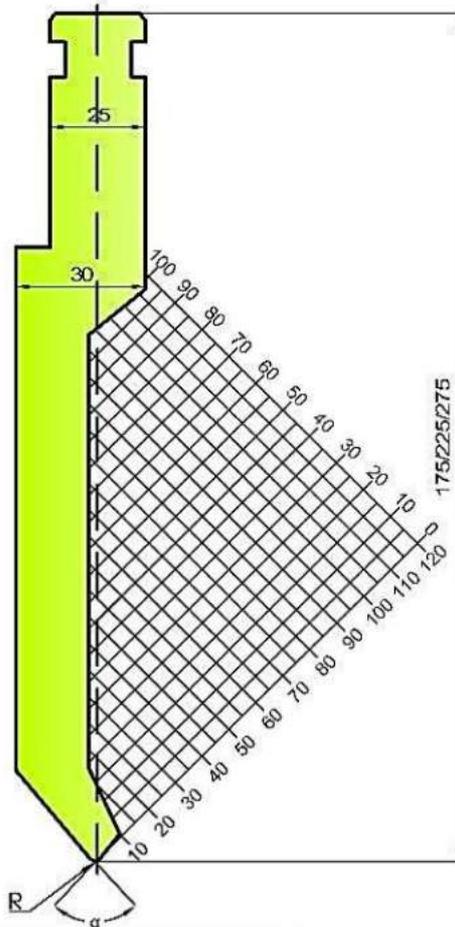


HORNS SCHEME STANDARD SECTIONING

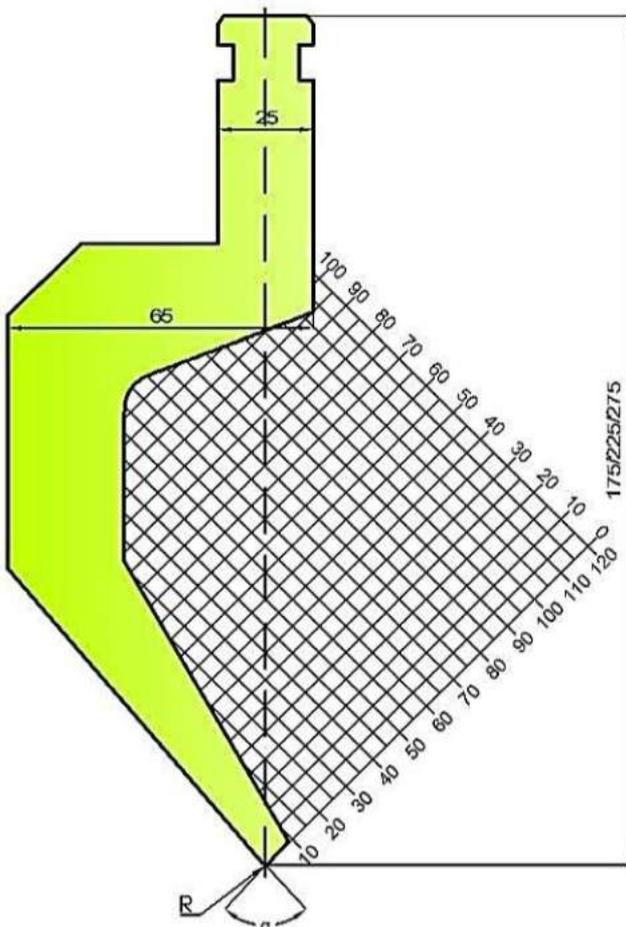


Stemple / Punches

Cod.17.001 100 T/m

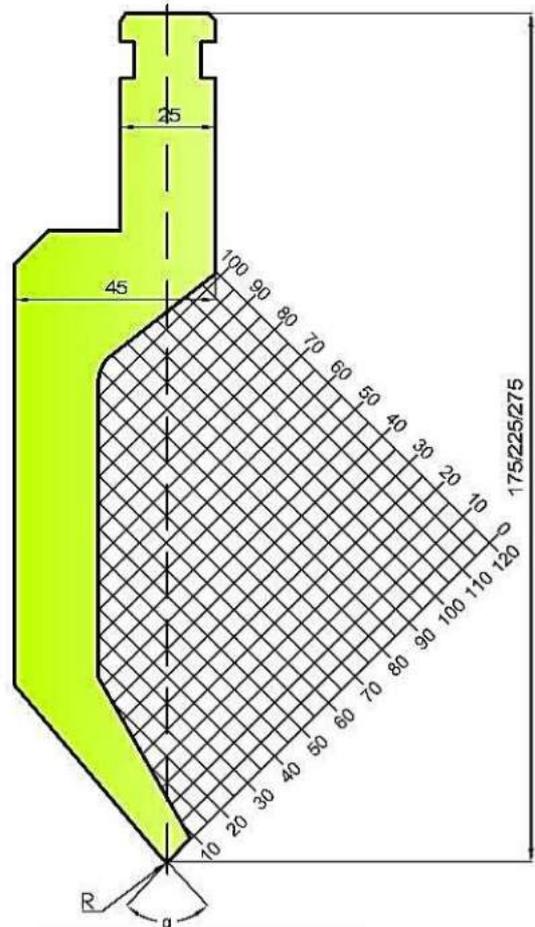


Cod.17.003 100 T/m

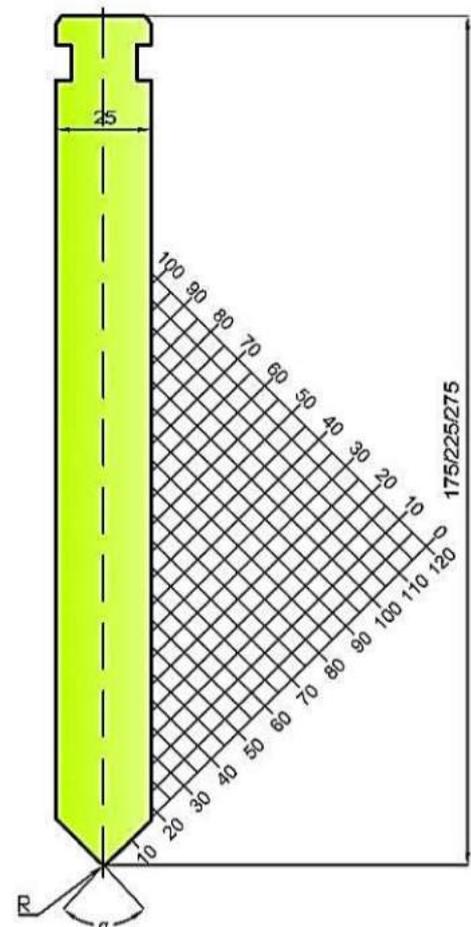


Weinbrenner

Cod.17.002 100 T/m



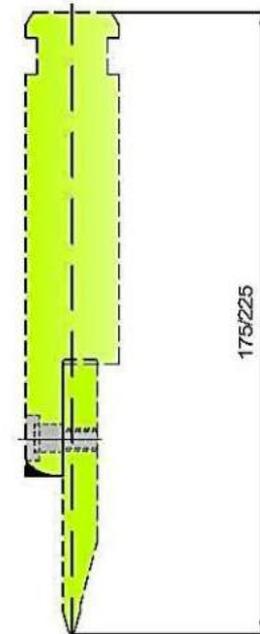
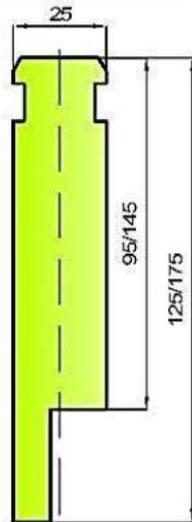
Cod.17.004 100 T/m



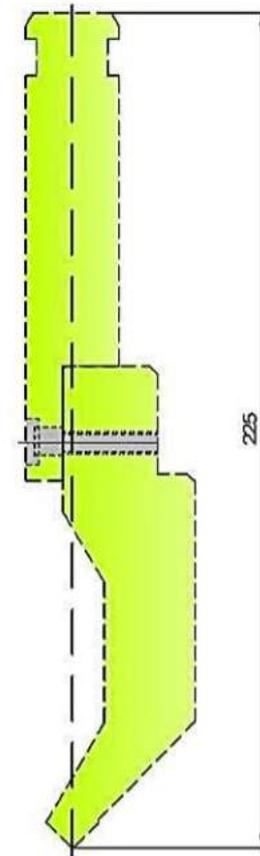
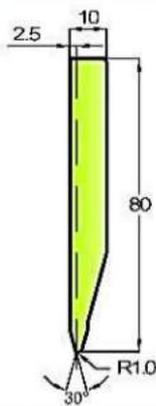
Stemple / Punches

Weinbrenner

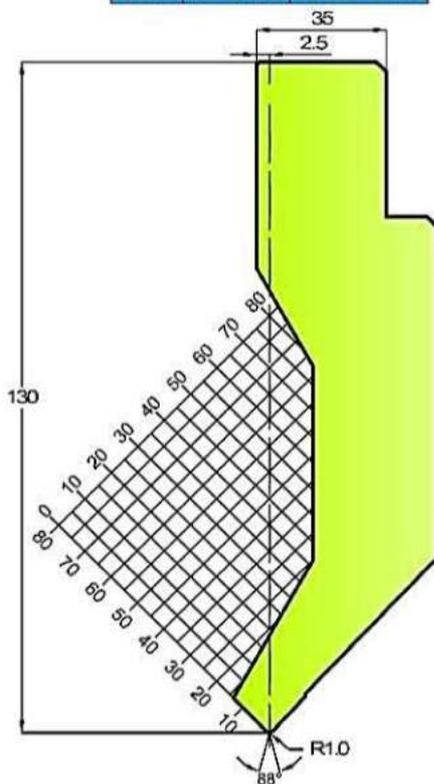
Cod.17.005 100 T/m



Cod.17.006 100 T/m

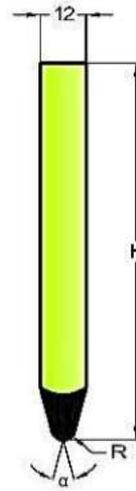
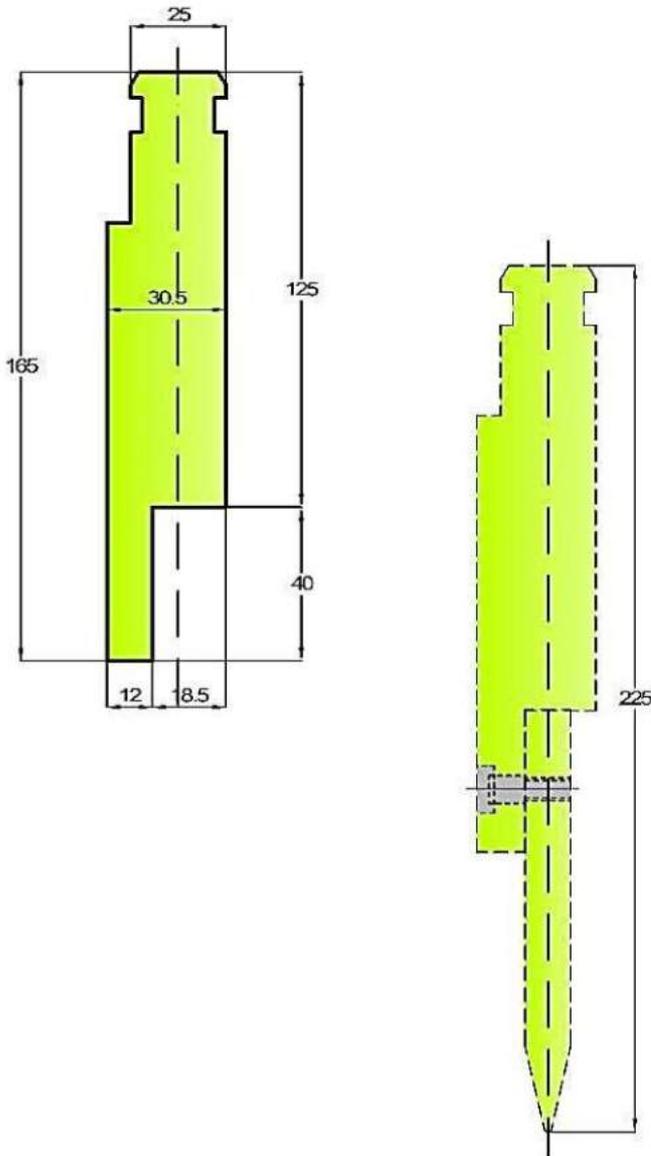


Cod.17.007 100 T/m



Stemple / Punches

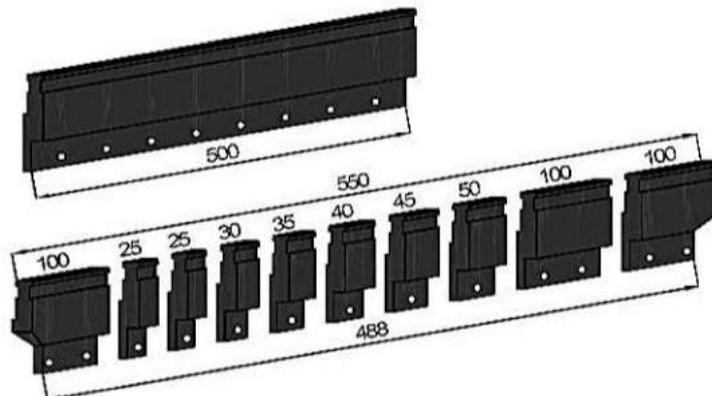
Cod. 17.008 100 T/m



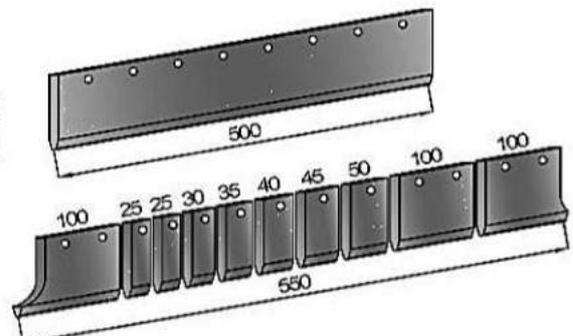
Cod.	α	R	H	Max T/m
13.500	28°	0.50	100.00	100
13.501	28°	1.00	100.00	100
13.502	28°	2.00	100.00	100
13.503	28°	3.00	100.00	100
13.504	28°	4.00	100.00	100
13.505	28°	5.00	100.00	100
13.506	28°	6.00	100.00	100

Cod.	α	R	H	Max T/m
13.520	84°	1.00	100.00	100

Cod.	α	R	H	Max T/m
13.530	86°	1.00	100.00	100



Podział standardowy
STANDARD SECTIONING



Podział standardowy
STANDARD SECTIONING

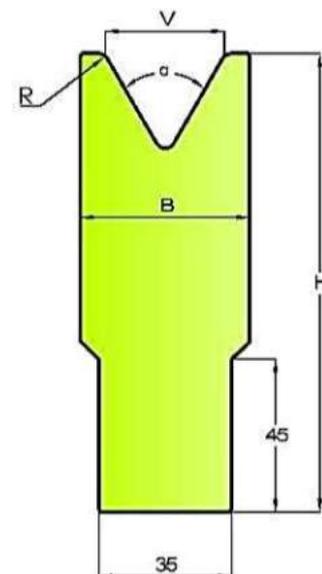
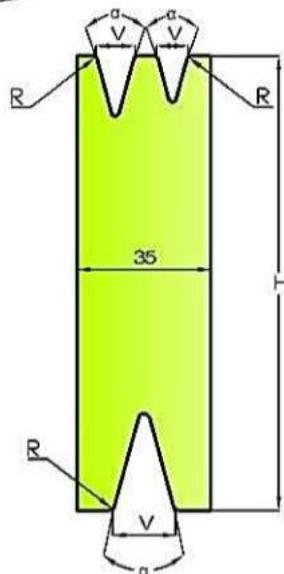
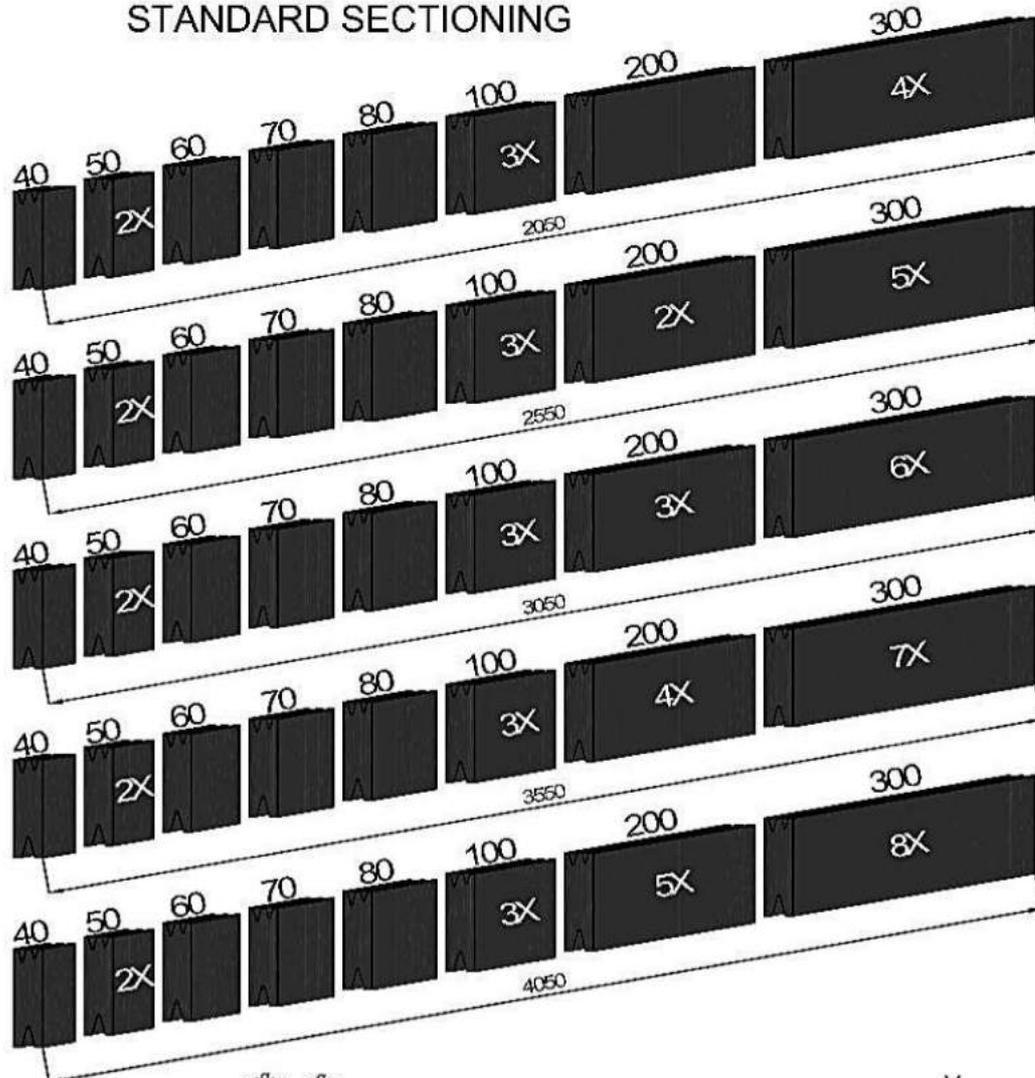
Matryce / Dies

Weinbrenner

Matryce są dostępne w standardowych odcinkach: dzielony 2050mm, 2550mm, 3050mm, 3550mm, 4050mm;

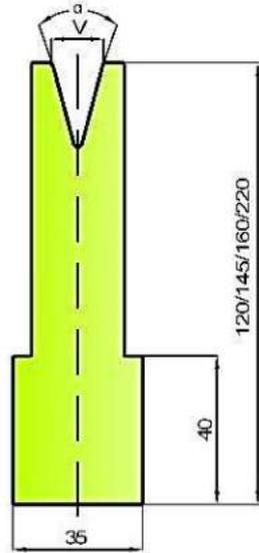
THE DIES ARE AVAILABLE IN THE FOLLOWING STANDARD LENGTHS: SECTIONED 2050 mm ; 2550 mm ; 3050 mm ; 3550 mm ; 4050 mm

Podział standardowy STANDARD SECTIONING



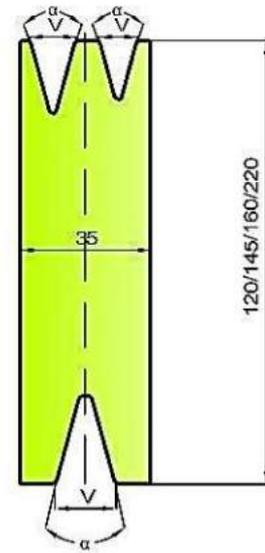
Matryce / Dies

Cod.45.001 100 T/m

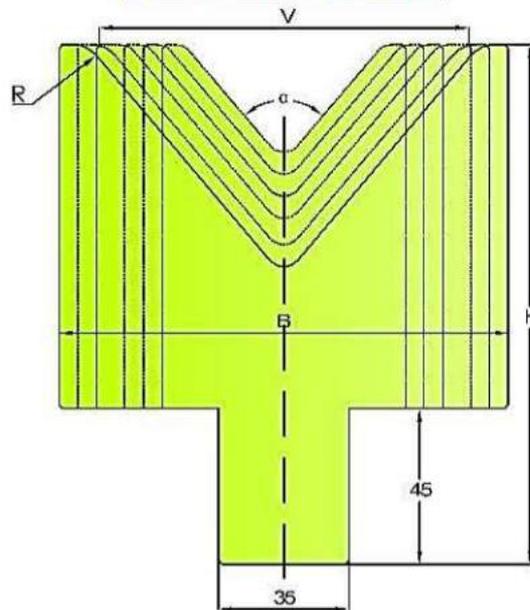


Weinbrenner

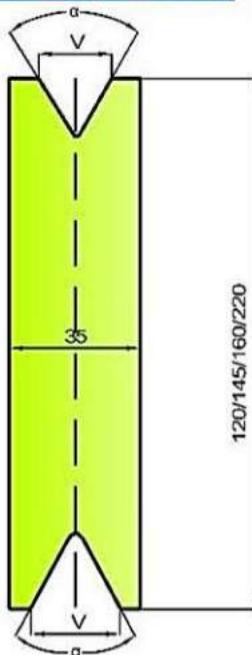
Cod.45.002 100 T/m



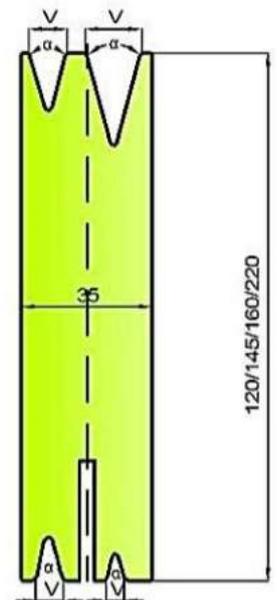
Cod.45.003 100 T/m



Cod.45.004 100 T/m



Cod.45.005 100 T/m

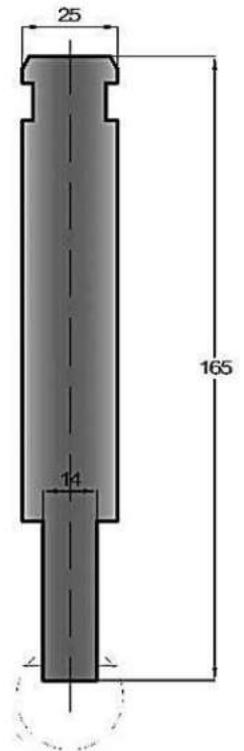
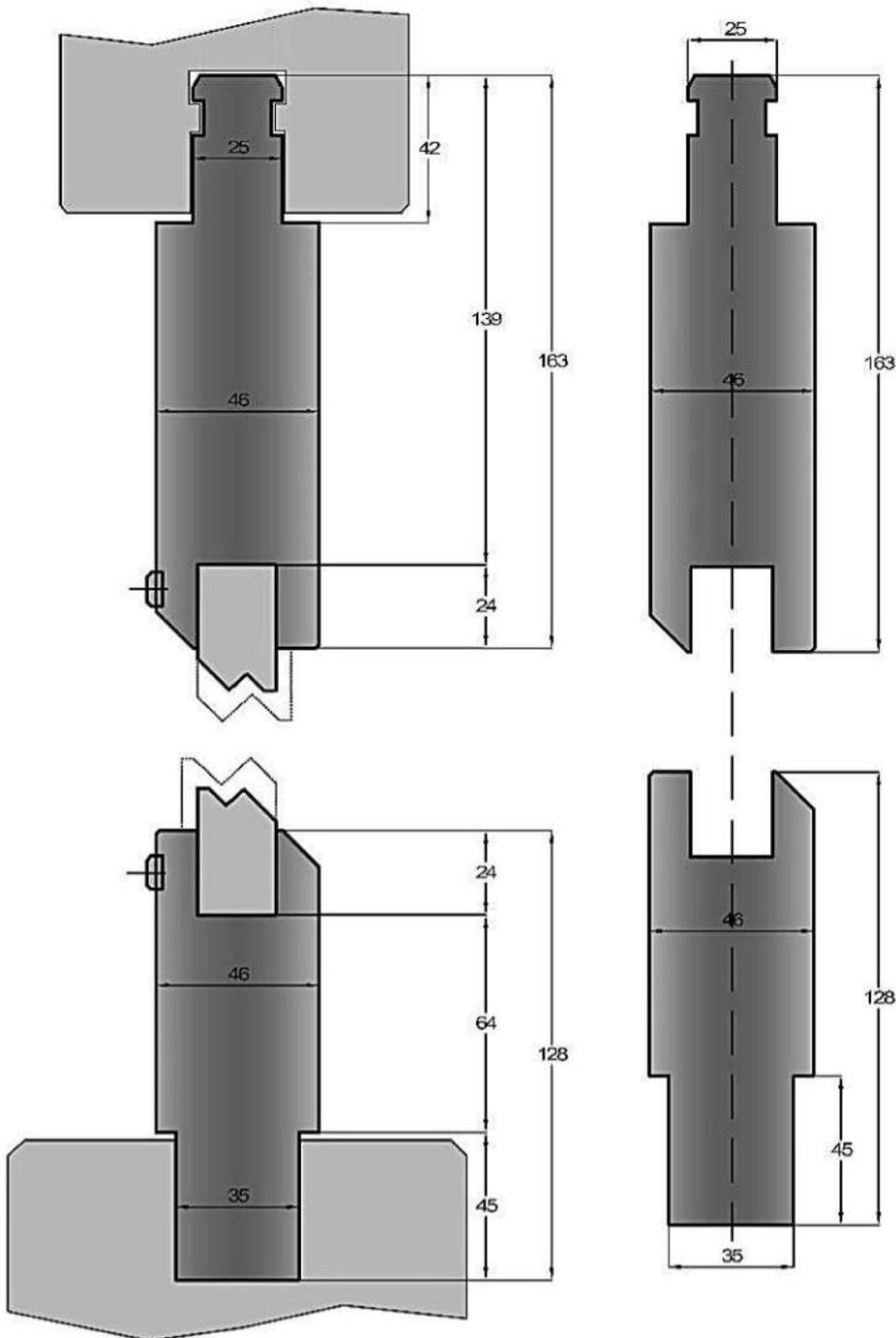


Zestaw „Z” / „Z” tool

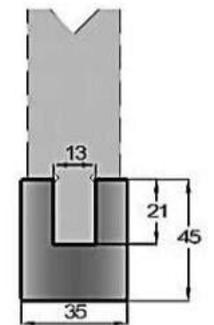
Weinbrenner

Cod.17.009 100 T/m

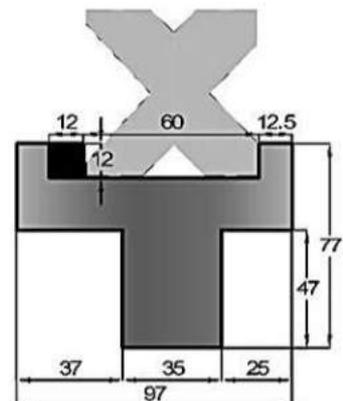
Cod.17.010 80 T/m



Cod.45.006 100 T/m



Cod.45.007 100 T/m

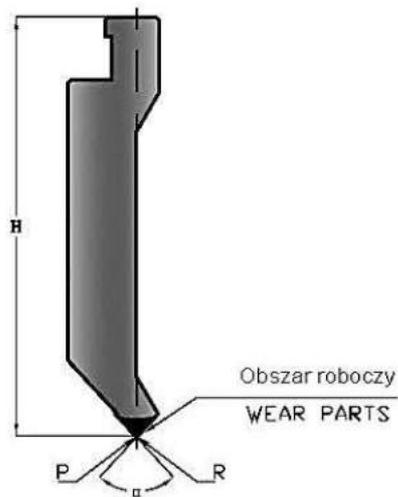
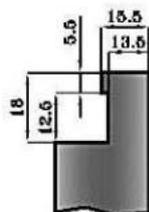
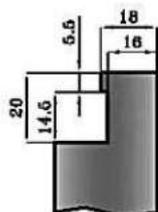


Stemple / Punches

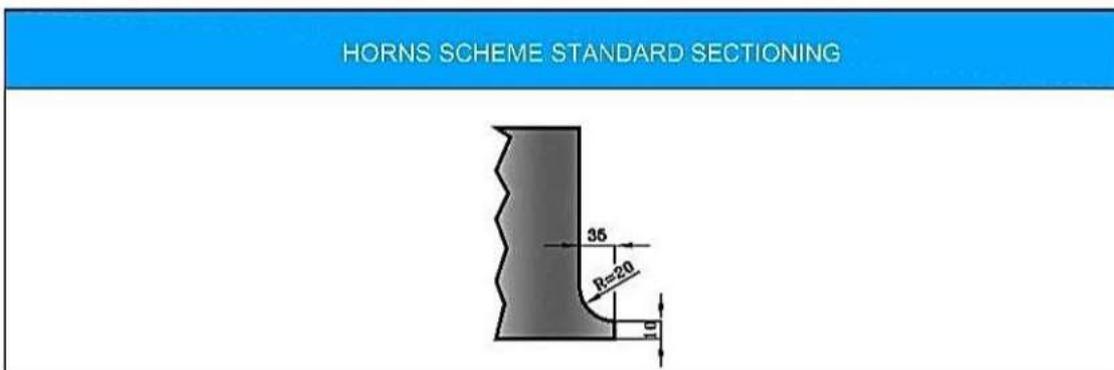
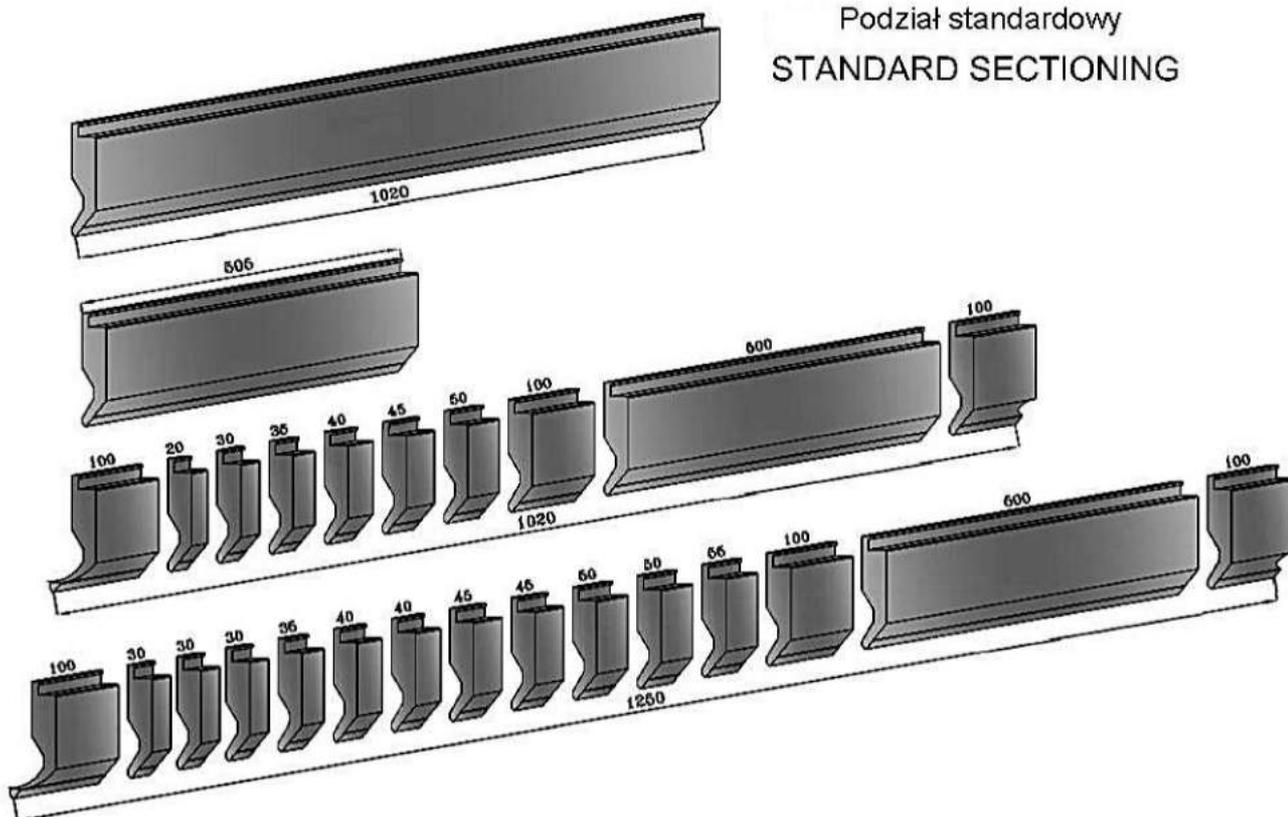
Stemple są dostępne w standardowych odcinkach: 1020mm, 505mm i dzielony 1020mm i 1250mm;

THE PUNCHES ARE AVAILABLE IN THE FOLLOWING STANDARD LENGTHS: 1020 mm , 505mm AND SECTIONED 1020 mm , 1250 mm

Opis /	Description
H = Wysokość stempla /	Height punch
α = Kąt stempla /	Degree punch
R = Promień stempla /	Radius punch

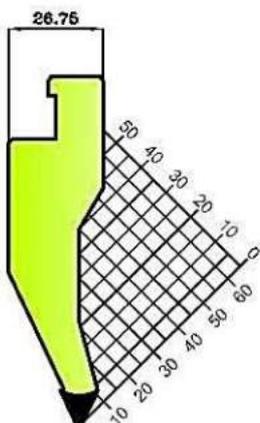


Podział standardowy
STANDARD SECTIONING



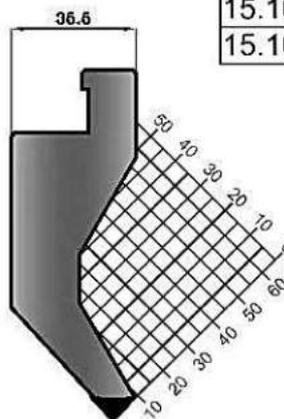
Stemple / Punches

Cod.	α	R	H	Max T/mt
15.100	50°	1.00	100.00	100



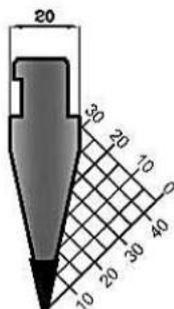
50°

Cod.	α	P	H	Max T/mt
15.101	90°	0.80	100.00	100
15.102	88°	0.80	100.00	100
15.103	85°	0.70	100.00	100



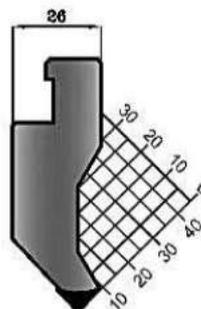
90° 88° 85°

Cod.	α	R	H	Max T/mt
15.104	24°	0.60	72.00	80



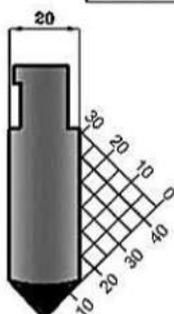
24°

Cod.	α	P	H	Max T/mt
15.105	90°	0.80	72.00	80
15.106	88°	0.80	72.00	80
15.107	85°	0.70	72.00	80



90° 88° 85°

Cod.	α	P	H	Max T/mt
15.108	90°	0.80	72.00	80
15.126	88°	0.80	72.00	80
15.127	85°	0.70	72.00	80



90° 88° 85°

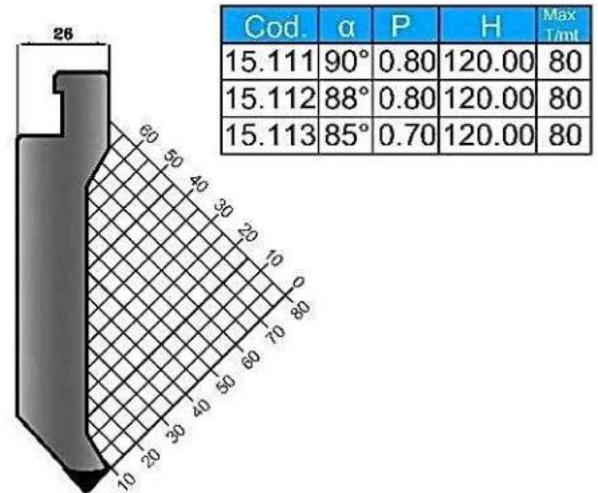
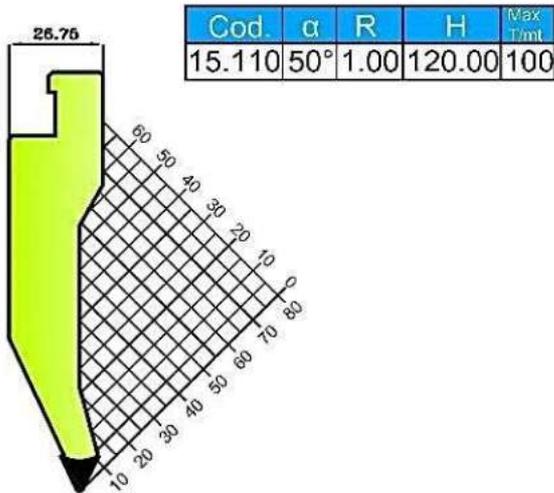
Cod.	α	P	H	Max T/mt
15.109	180°	20	82.00	100



180°

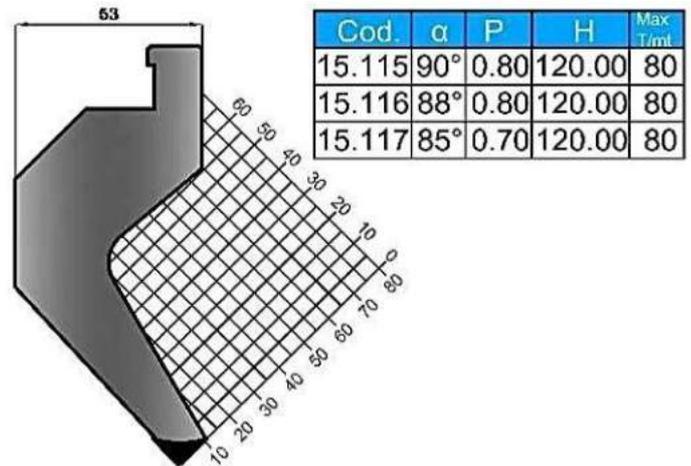
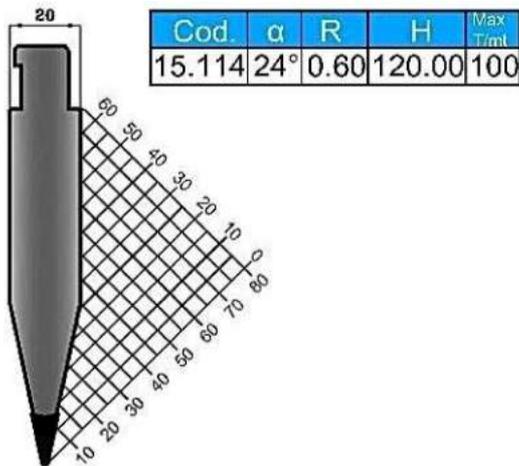
Stemple / Punches

Colly



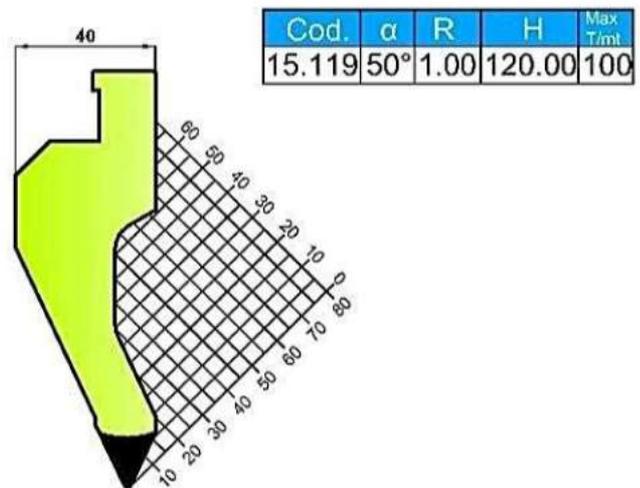
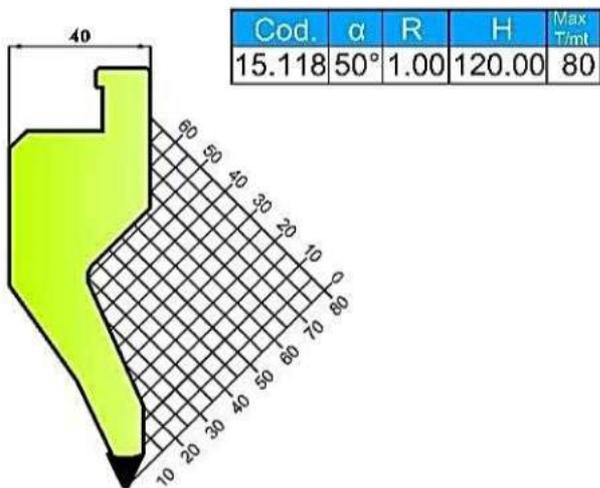
50°

90° 88° 85°



24°

90° 88° 85°

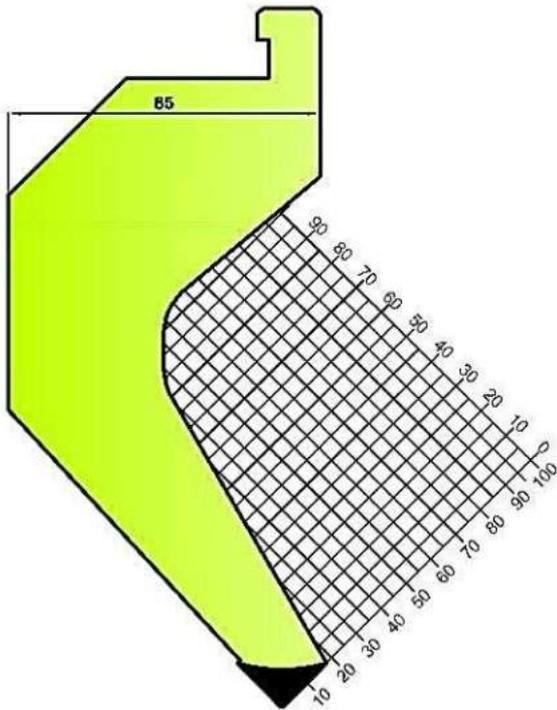


50°

50°

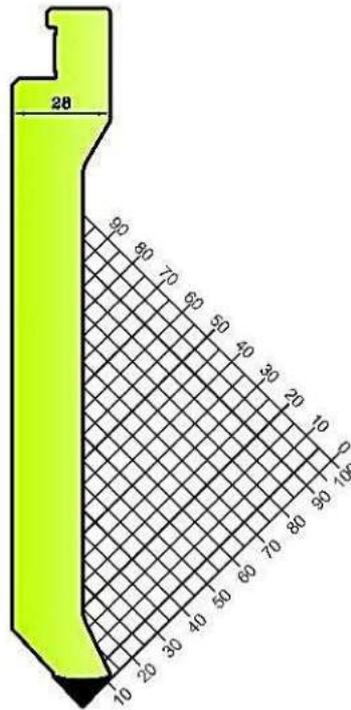
Stemple / Punches

Cod.	α	P	H	Max T/mt
15.120	85°	p0.7	200.00	100



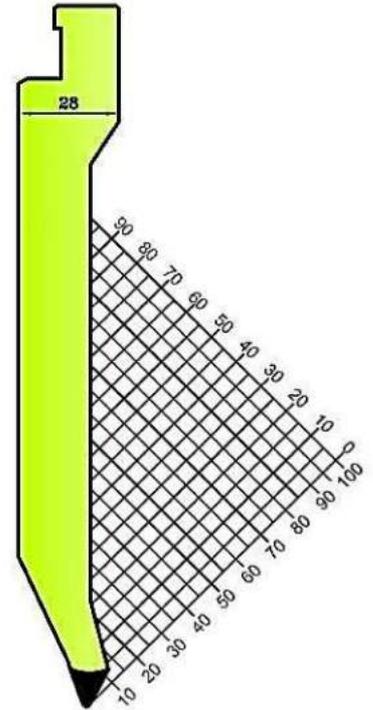
85°

Cod.	α	P	H	Max T/mt
15.121	85°	p0.7	200.00	100



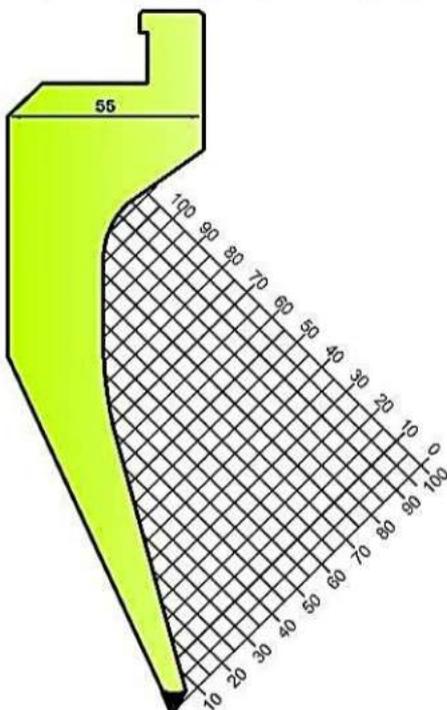
85°

Cod.	α	R	H	Max T/mt
15.122	50°	1.00	200.00	100



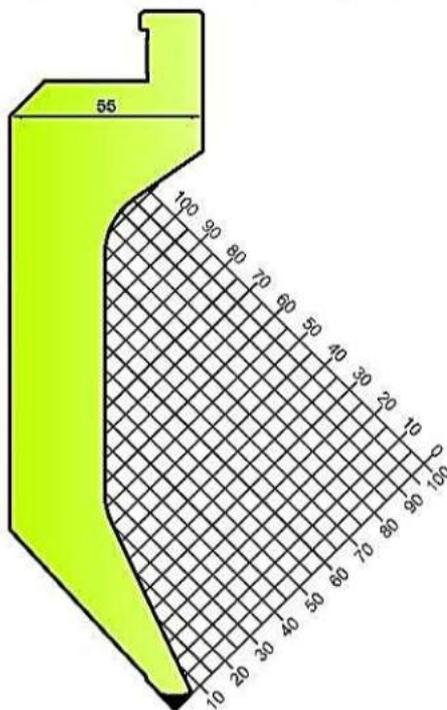
50°

Cod.	α	R	H	Max T/mt
15.123	50°	1.00	200.00	100



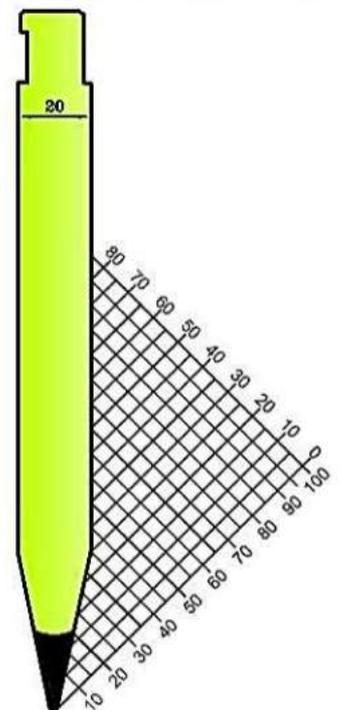
50°

Cod.	α	P	H	Max T/mt
15.124	85°	p0.7	200.00	100



85°

Cod.	α	R	H	Max T/mt
15.125	24°	1.00	200.00	100

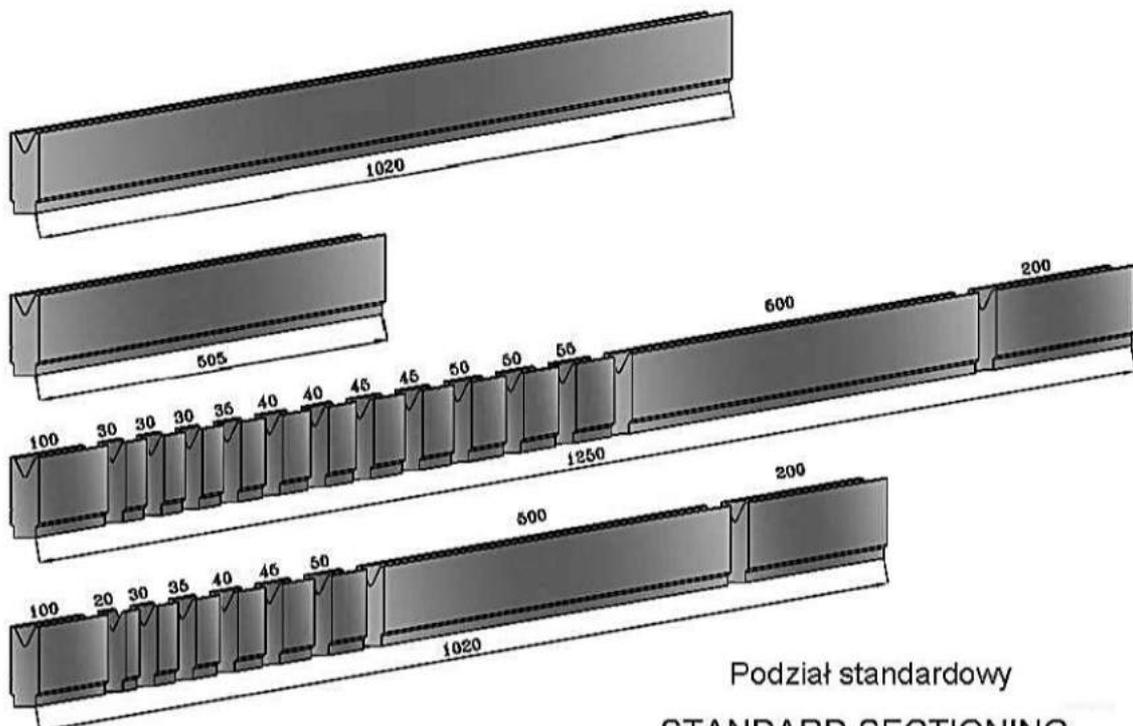
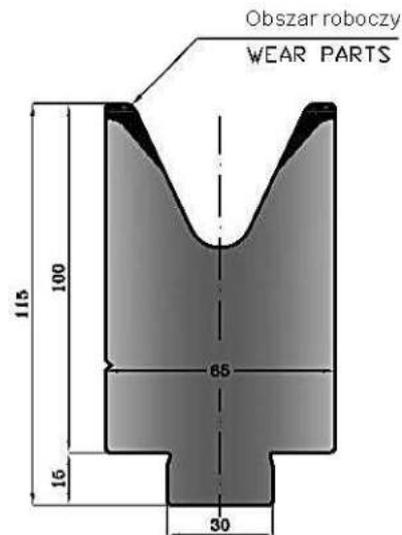


24°

Matryce / Dies

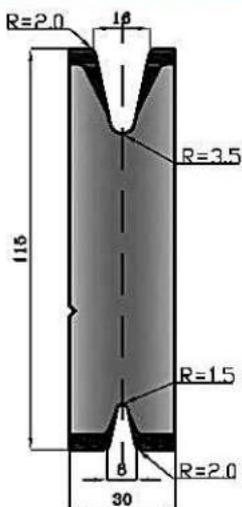
Matryce są dostępne w standardowych odcinkach: 1020mm, 505mm i dzielony 1020mm i 1250mm;

THE DIES ARE AVAILABLE IN THE FOLLOWING STANDARD LENGTHS: 1020 ; 505 mm AND SECTIONED 1020 mm ; 1250 mm



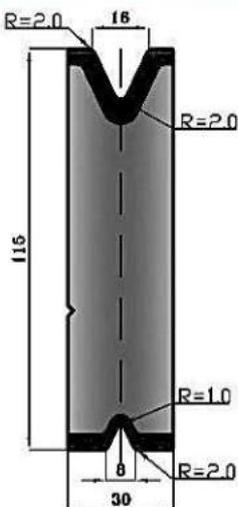
Matryce / Dies

24° Cod. 26.100 50 T/m



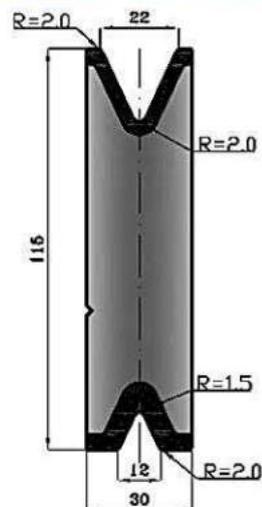
24°

50° Cod. 26.101 50 T/m



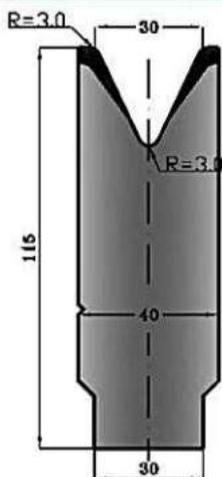
50°

50° Cod. 26.102 50 T/m



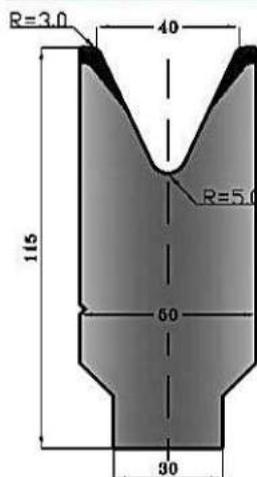
50°

50° Cod. 26.103 50 T/m



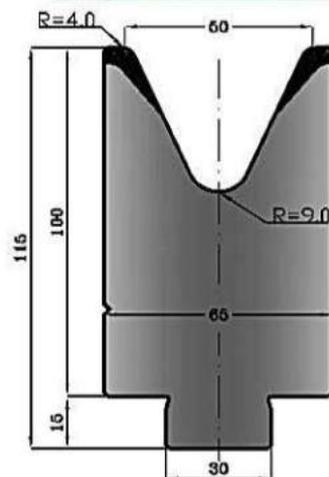
50°

50° Cod. 26.104 50 T/m



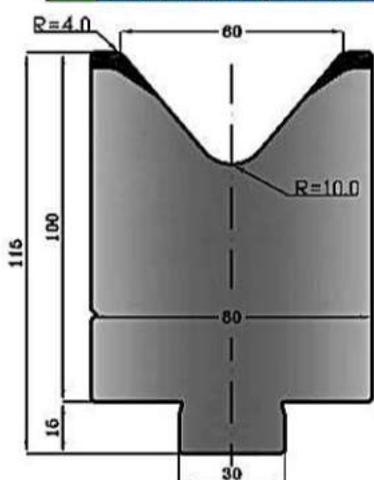
50°

50° Cod. 26.105 50 T/m



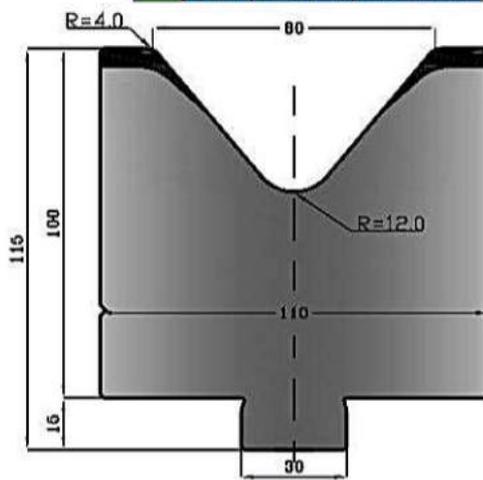
50°

80° Cod. 26.106 50 T/m



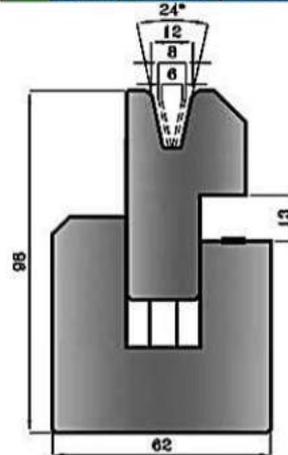
80°

80° Cod. 26.107 50 T/m



80°

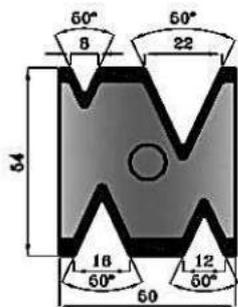
24° Cod. 26.108 50 T/m



24°

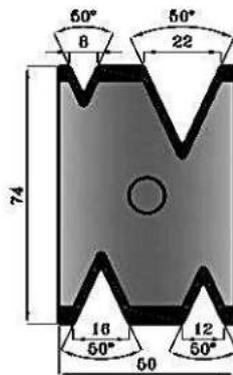
Matryce / Dies

50° Cod. 26.109 50 T/m



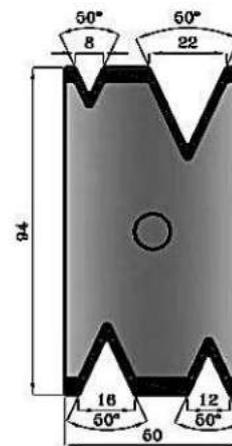
50°

50° Cod. 26.110 50 T/m



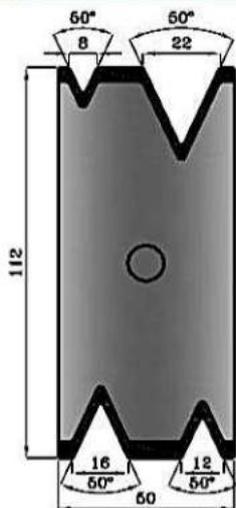
50°

50° Cod. 26.111 50 T/m



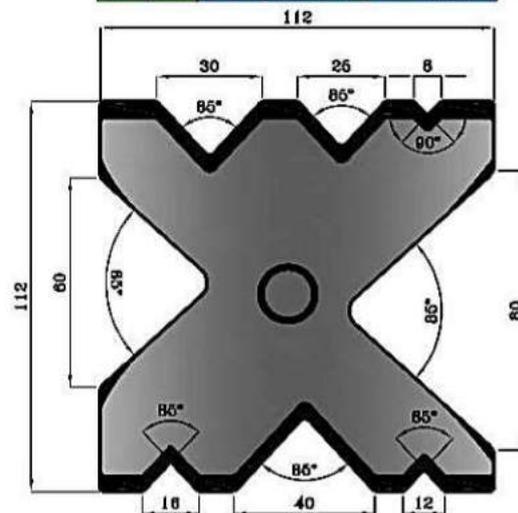
50°

50° Cod. 26.112 50 T/m



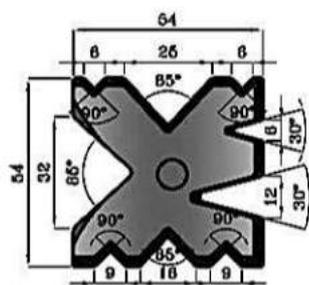
50°

90° 85° Cod. 26.115 50 T/m



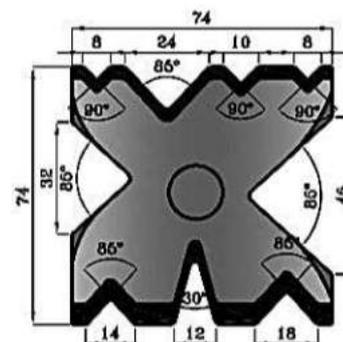
90°

90° 85° 30° Cod. 26.113 50 T/m



90° 85°

90° 85° Cod. 26.114 50 T/m



90° 85°

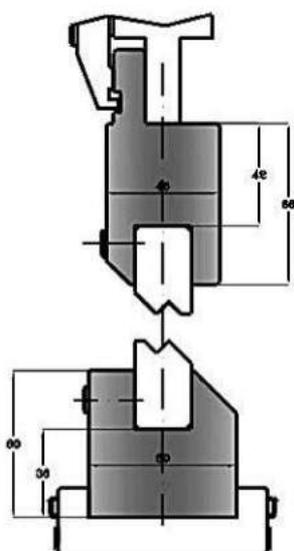
Akcesoria / Accessories

LVD **Cod.14.106** 100 T/m

Uchwyt wkładów „Z” i wkłady / JOGGLE Z TOOL HOLDER AND INSERT

AMADA/PROMECAM

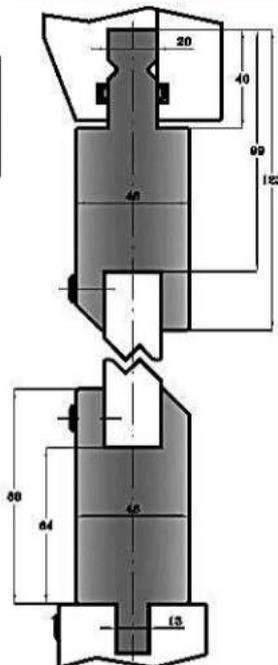
Cod.11.500 100 T/m



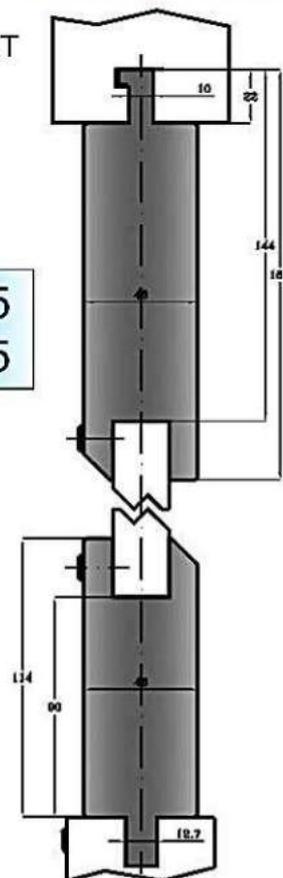
L=835
L=415

WILA/TRUMPF

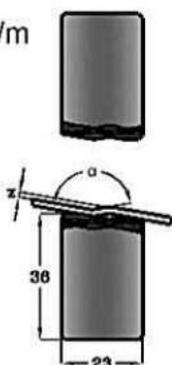
Cod.12.420 100 T/m



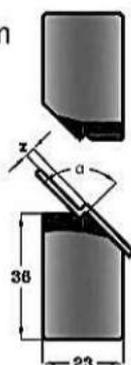
L=835
L=415



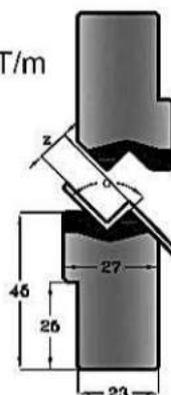
100 T/m



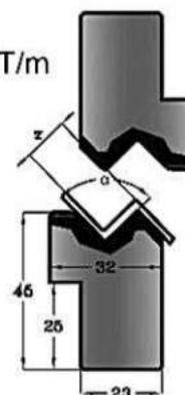
100 T/m



100 T/m



100 T/m



Cod.	Z	α
11.300	1.00	160°
11.310	1.50	
11.320	2.00	150°
11.330	2.50	140°

Cod.	Z	α
12.760	1.00	90°
12.770	1.50	
12.740	2.00	
12.750	2.50	
11.340	3.00	
11.350	3.50	
11.360	4.00	

11.370	4.50	90°
11.380	5.00	
11.390	5.50	
11.400	6.00	
11.410	6.50	
11.420	7.00	
11.430	7.50	
11.440	8.00	

Cod.	Z	α
11.450	9.00	90°
11.460	10.0	
11.470	11.0	
11.480	12.0	

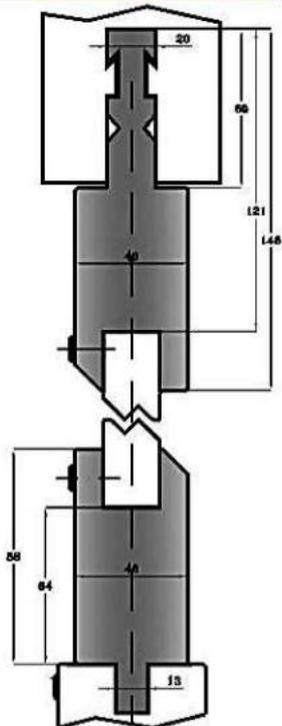
Cod.	Z	α
12.780	13.0	90°
12.790	14.0	
12.800	15.0	

Akcesoria / Accessories

Uchwyt wkładów „Z” i wkłady / JOGGLE Z TOOL HOLDER AND INSERT

BEYELER - RFA

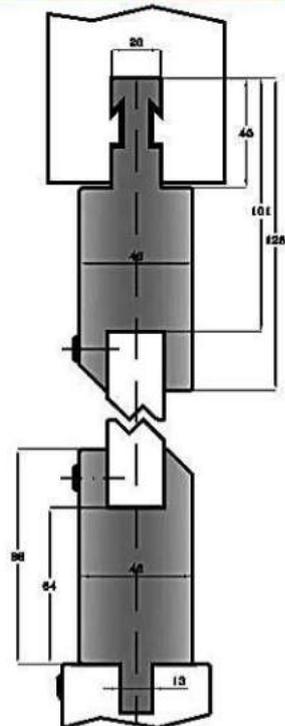
Cod.12.998 100 T/m



L=835
L=415

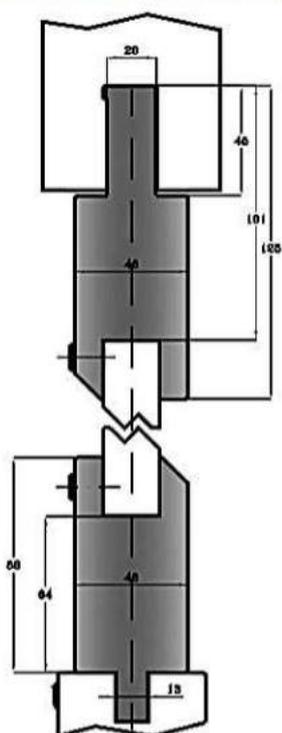
BEYELER - R

Cod.11.551 100 T/m



BEYELER - S

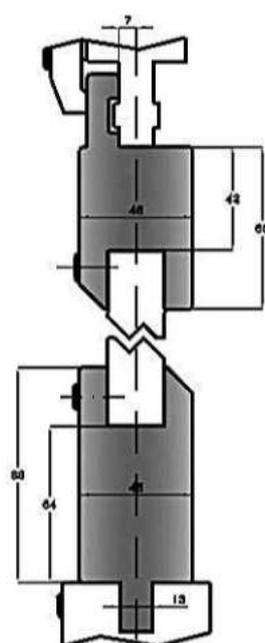
Cod.11.552 100 T/m



L=835
L=415

EURO - BEYELER

Cod.11.553 100 T/m

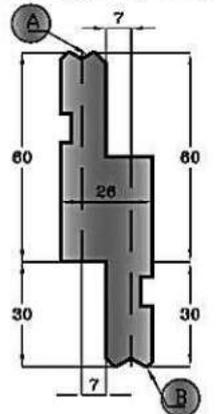


Akcesoria / Accessories

AMADA PROMECAM STYLE

Cod.11.550 80 T/m

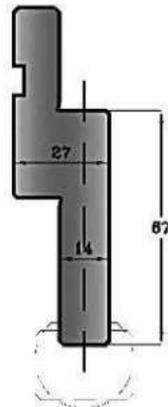
Uchwyt wkładów promieniowych
HOLDER FOR RADIUS INSERTS



A R=3.0 Min R=4.5 Max
B R=5.0 Min R=6.5 Max

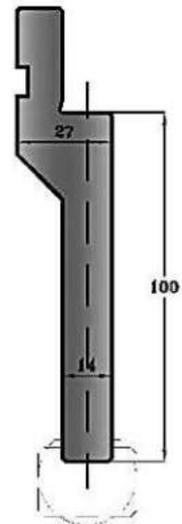
L=835
L=415

Cod.10.360 80 T/m

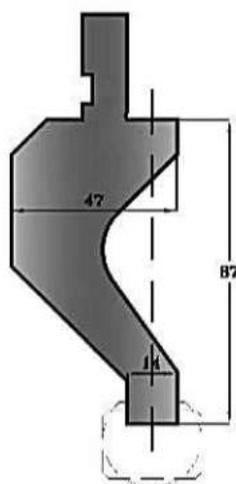


L=835
L=415

Cod.10.960 80 T/m

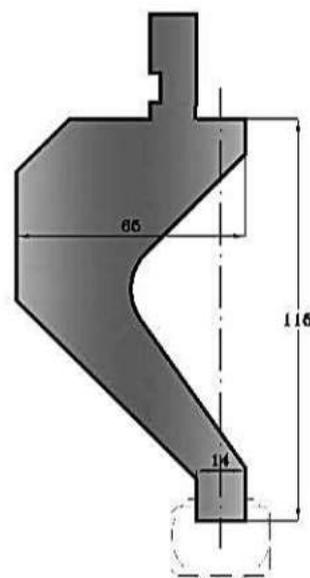


Cod.10.910 80 T/m



L=835
L=415

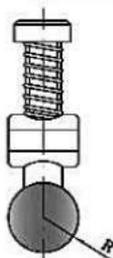
Cod.10.900 80 T/m



Akcesoria / Accessories

Wkładki promieniowe / RADIUS TOOL

L=835
L=415



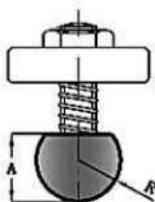
Cod.	R
11.800	3.0
11.810	3.5
11.820	4.0
11.830	4.5
11.840	5.0
11.850	5.5
11.860	6.0
11.870	6.5

Cod. 42.750

Spare part



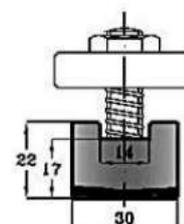
L=835
L=415



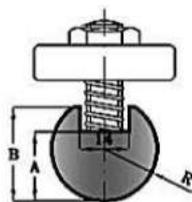
Cod.	R	A
11.000	7.00	11.5
11.010	7.50	11.5
11.020	8.00	13.0
11.030	9.00	16.0
10.370	10.0	16.0
11.040	11.0	16.0
11.050	11.5	16.0
11.060	12.0	20.0

Cod. 10.430

Wkładka zagniatająca
FLATTENING INSERT



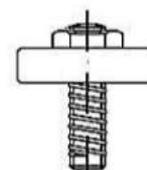
L=835
L=415



Cod.	R	A	B
11.070	12.5	16.0	21.0
11.080	13.0	17.0	23.0
11.090	14.0	19.0	25.0
10.380	15.0	20.0	27.0
11.100	16.0	21.0	28.0
11.110	17.0	21.5	31.5
10.390	17.5	22.0	32.0
11.120	19.0	25.0	32.0
10.400	20.0	24.0	34.0
11.130	22.5	25.0	33.0
10.410	25.0	29.0	39.0
11.140	27.5	34.0	44.0
10.420	30.0	34.0	44.0
11.150	35.0	45.0	55.0
11.160	40.0	45.0	55.0
11.170	45.0	50.0	60.0
11.180	50.0	54.0	64.0

Cod. 42.740

Spare part



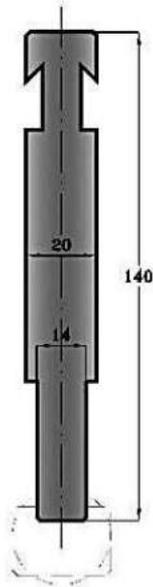
Aksesoria / Accessories

L=835
L=415

SUPPORT AND RADIUS-PLAIN INSERT

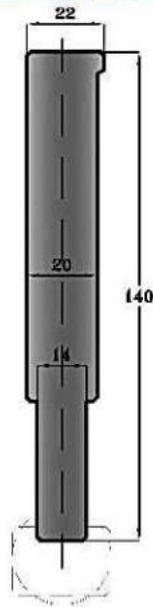
Cod.12.390 80 T/m

BEYELER-R



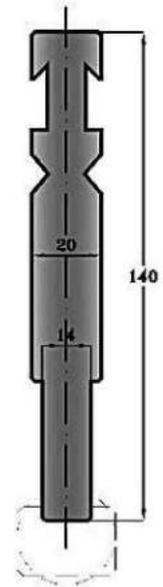
Cod.12.410 80 T/m

BEYELER-S



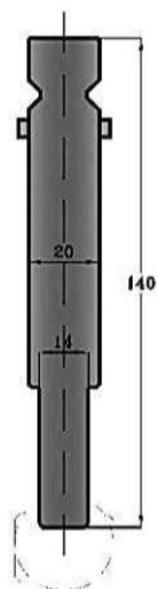
Cod.12.730 80 T/m

BEYELER-RFA



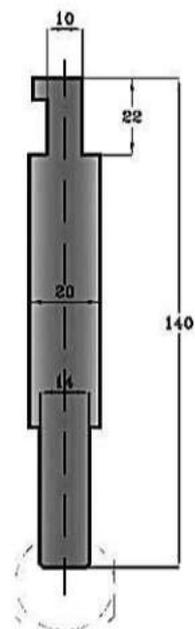
Cod.12.400 80 T/m

WILA-TRUMPF



Cod.14.105 80 T/m

LVD

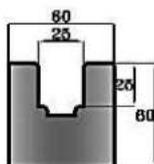


Akcesoria / Accessories

L=835
L=415

Uchwyty i wkładki poliuretanowe HOLDERS AND INSERTS IN POLYURETHANE

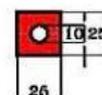
Cod. 20.360



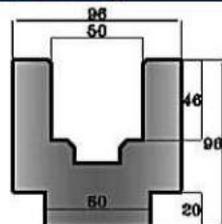
Cod. 21.010



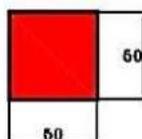
Cod. 21.050



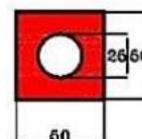
Cod. 20.370



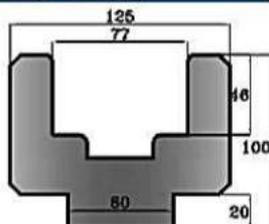
Cod. 21.020



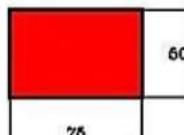
Cod. 21.060



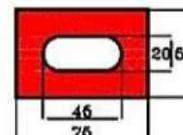
Cod. 20.380



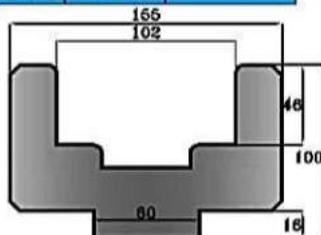
Cod. 21.030



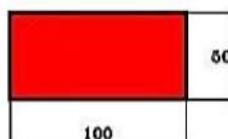
Cod. 21.070



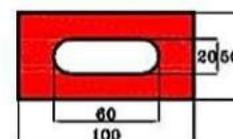
Cod. 20.400



Cod. 21.040



Cod. 21.080



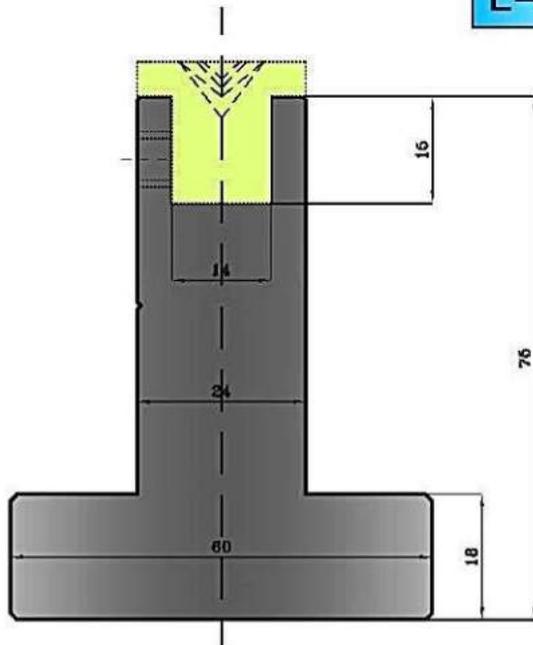
Akcesoria / Accessories

Uchwyt wymiennych matryc plastikowych

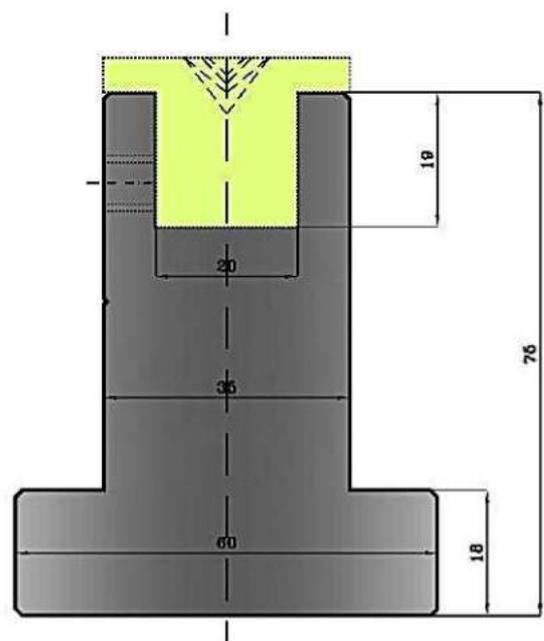
HOLDER FOR INTERCHANGEABLE PLASTIC INSERTS

Cod. 21.090 100 T/m

L=835
L=415

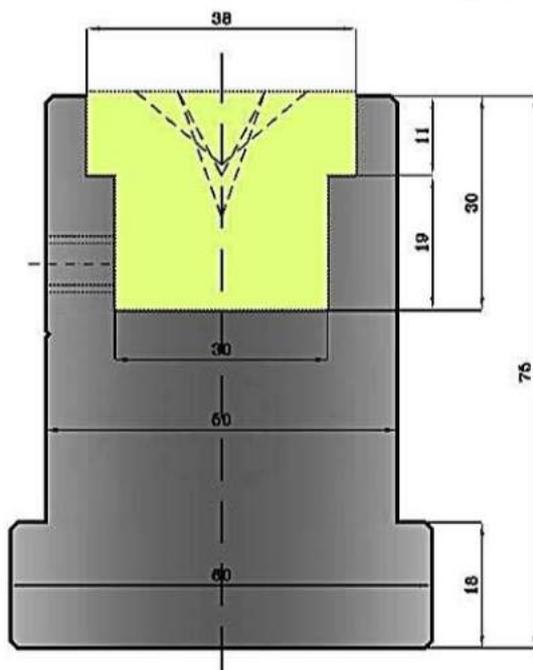


Cod. 21.100 100 T/m

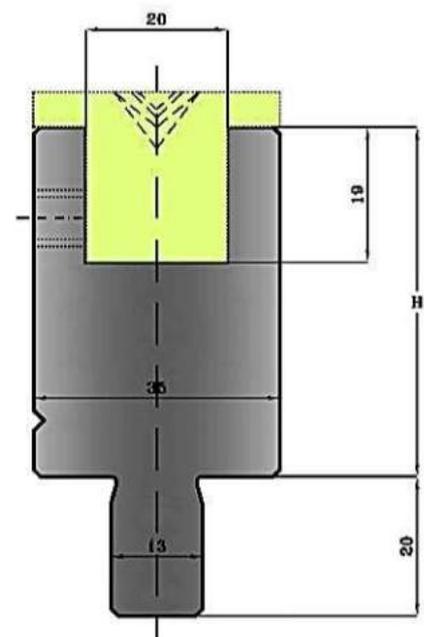


Cod. 21.110 100 T/m

L=835
L=415



Cod. 21.150 H=50 100 T/m
Cod. 21.160 H=95 100 T/m



Akcesoria / Accessories

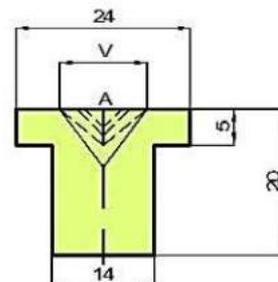
Wymienne wkłady plastikowe INTERCHANGEABLE PLASTIC INSERTS

Cod.	Spessore Thickness	Largh. Width	Lungh. Width
43.080	0.5 mm	100mm	45 m

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

21.120 20 T/m

L=835
L=415

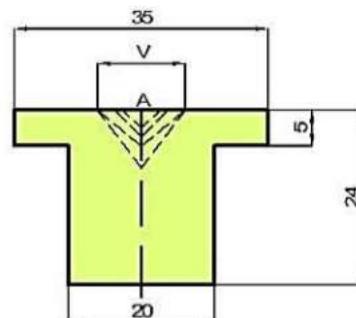


21.130 20 T/m

Folia do gięcia bezśladowego
FILM OF POLYURETHANE ANTISCRATCH

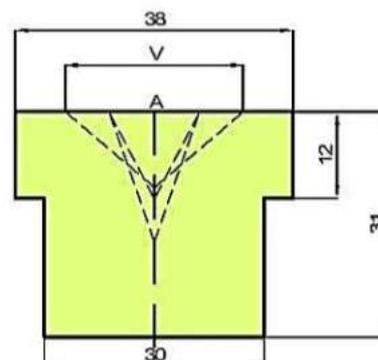


21.130					
A	V				
88°	6	8	10	12	16
60°	6	8	10	12	16
45°	6	8	10	12	
30°	6	8	10		



21.140 20 T/m

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		

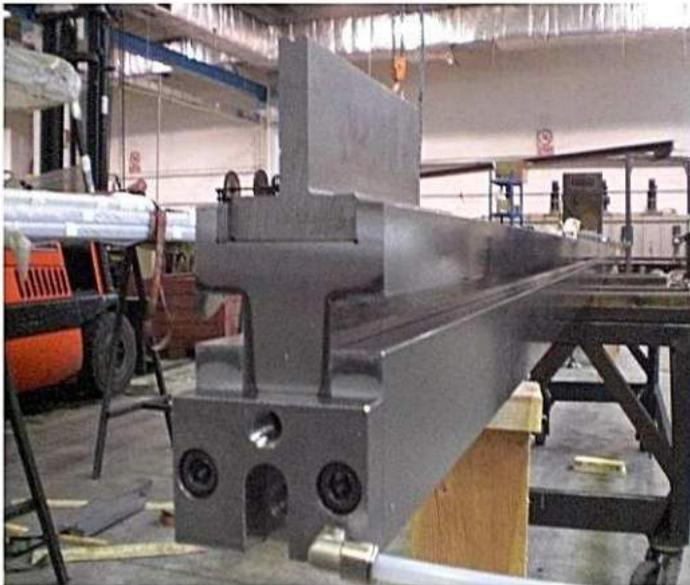


Akcesoria / Accessories

SZAFY NARZĘDZIOWE / TOOLING CABINETS



Narzędzia specjalne - przykłady / Special tools - samples



Pneumatyczny zestaw zagniatający do zainstalowania na dolnej belce na dowolnej prasie krawędziowej

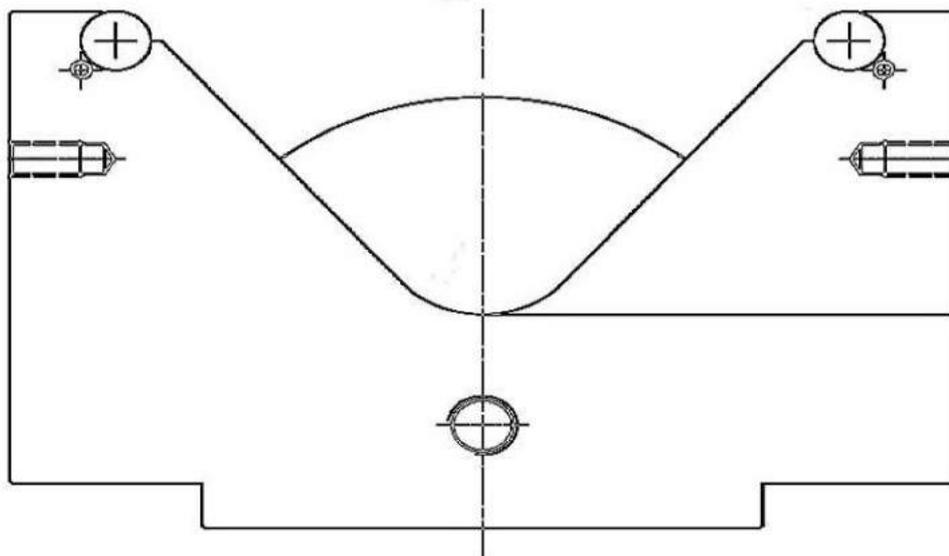
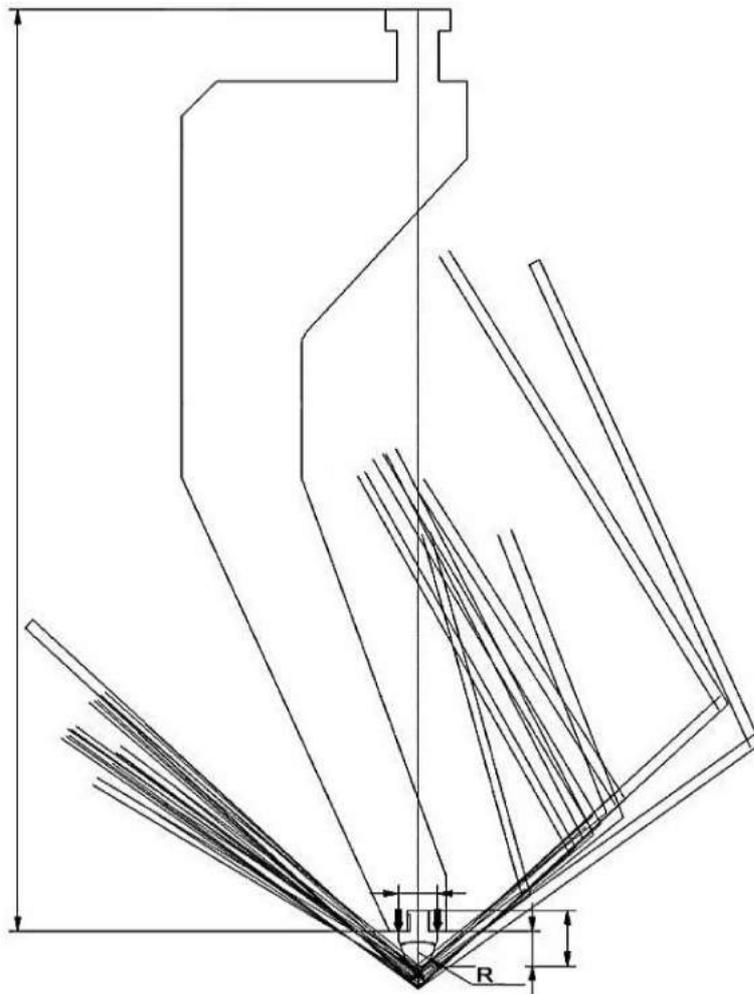


Matryce regulowane manualne, pół-automatyczne i automatyczne



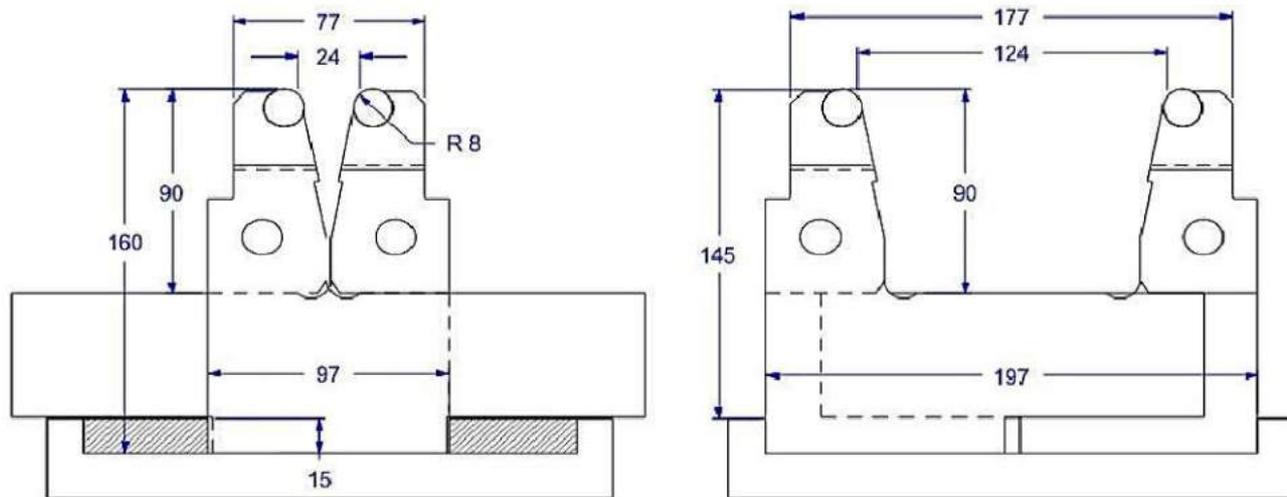
Matryce z wymiennymi wkładkami promieniowymi

Narzędzia specjalne - przykłady / Special tools - samples



Matryce regulowane manualne, półautomatyczne i automatyczne.

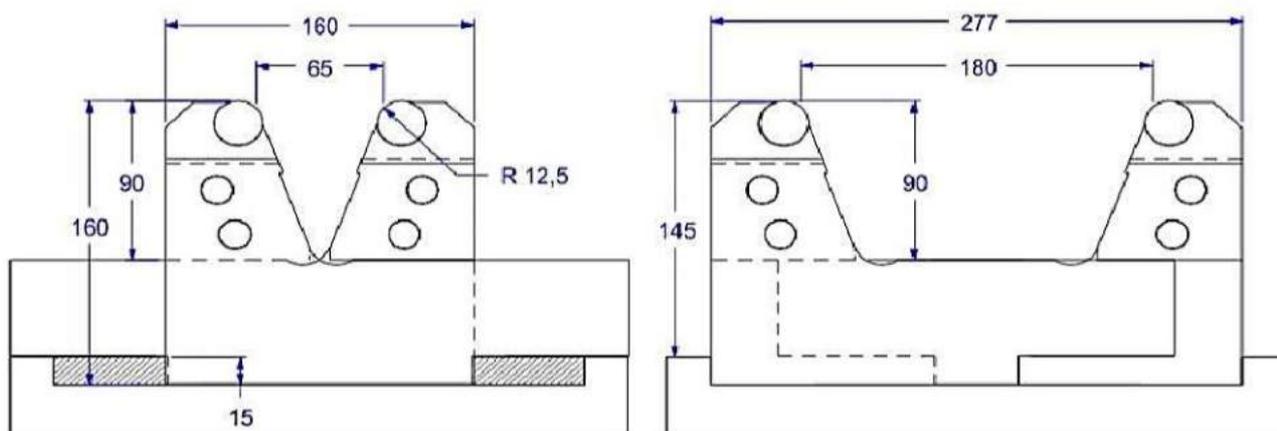
90°- 125 ton/mtr



V25 – 125 mm

Max. Load at: 90° 125 Tons/meter

90°- 200 ton/mtr

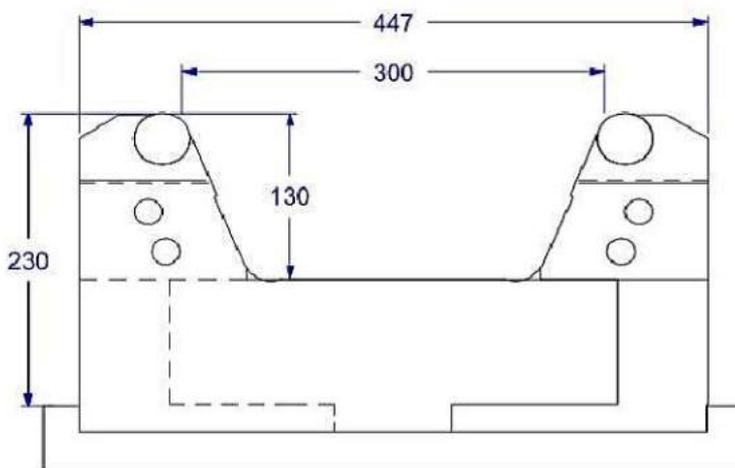
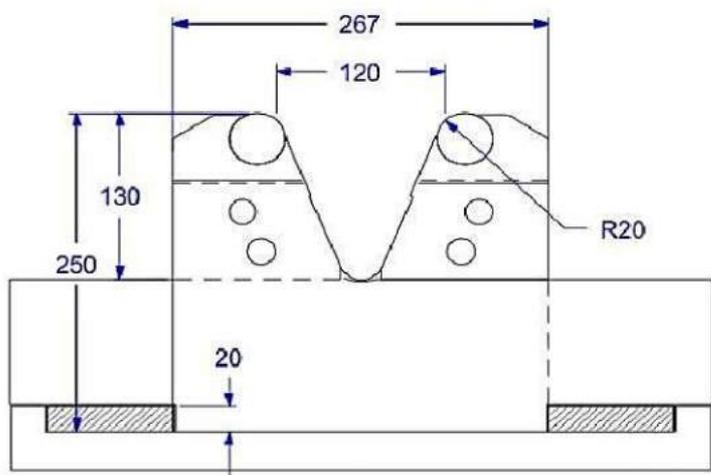


V65 – 180 mm

Max. Load at: 90° 200 Tons/meter

Matryce regulowane manualne, półautomatyczne i automatyczne.

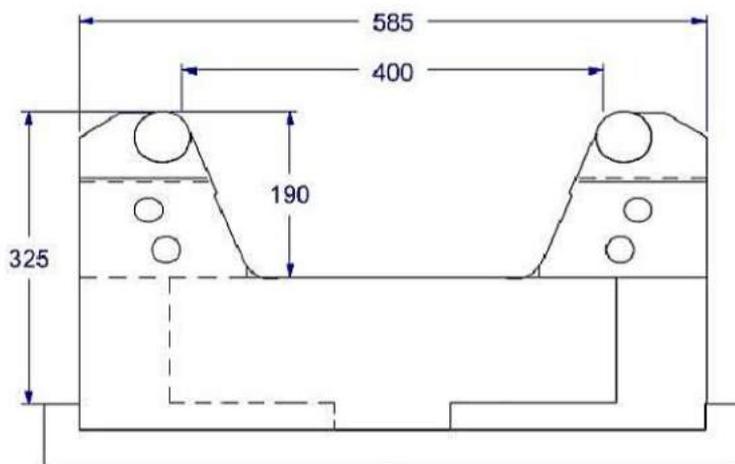
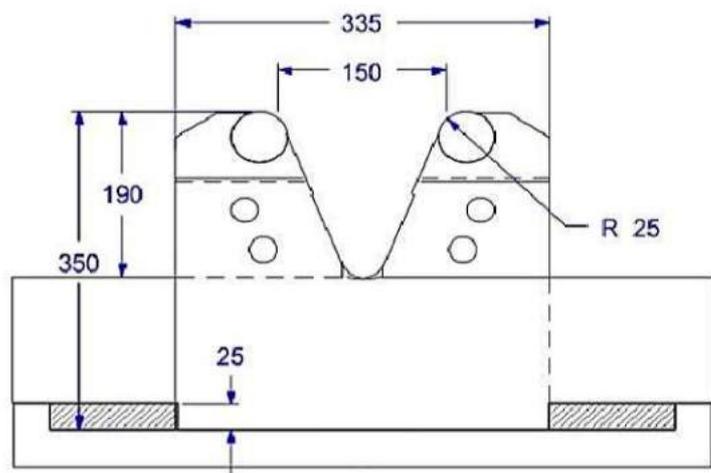
90°- 400 ton/mtr



V120 – 300 mm

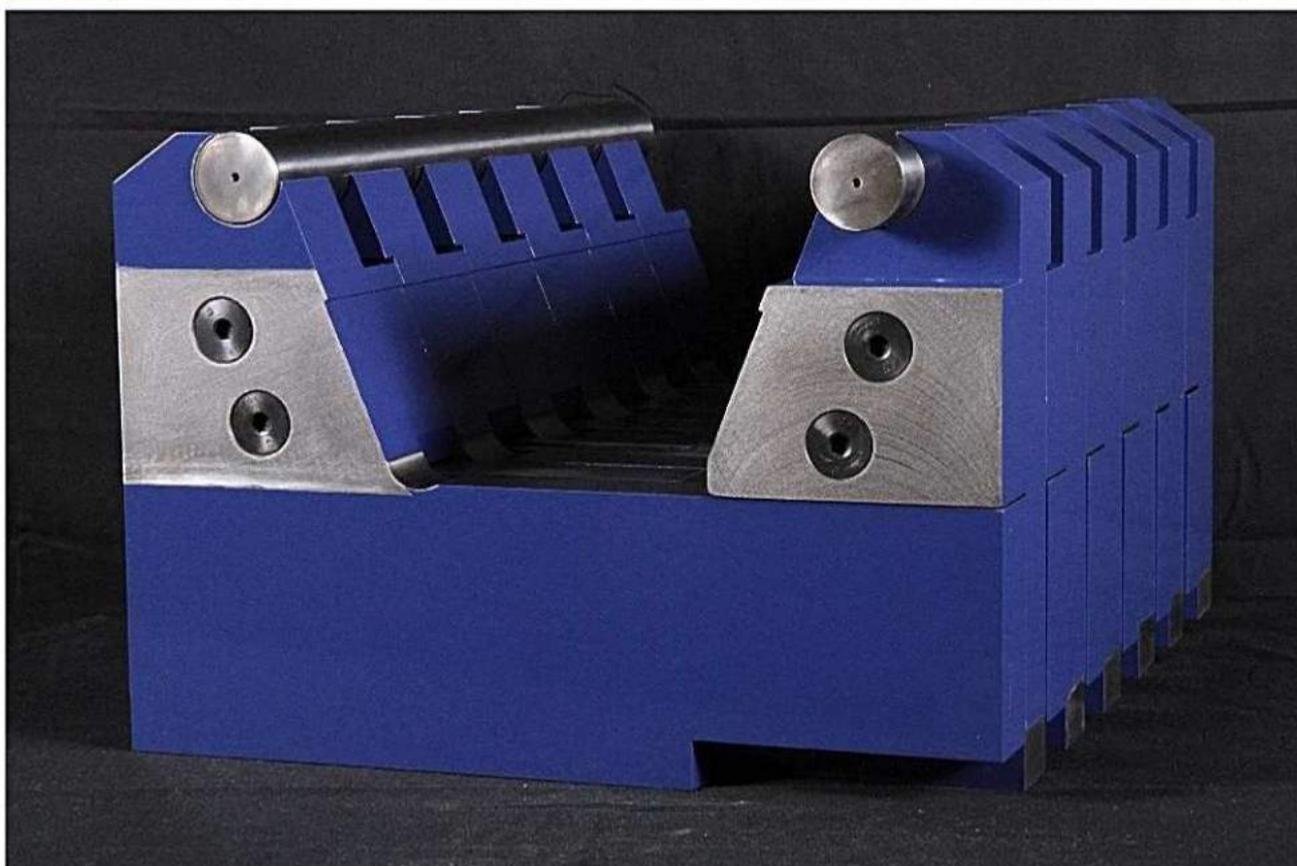
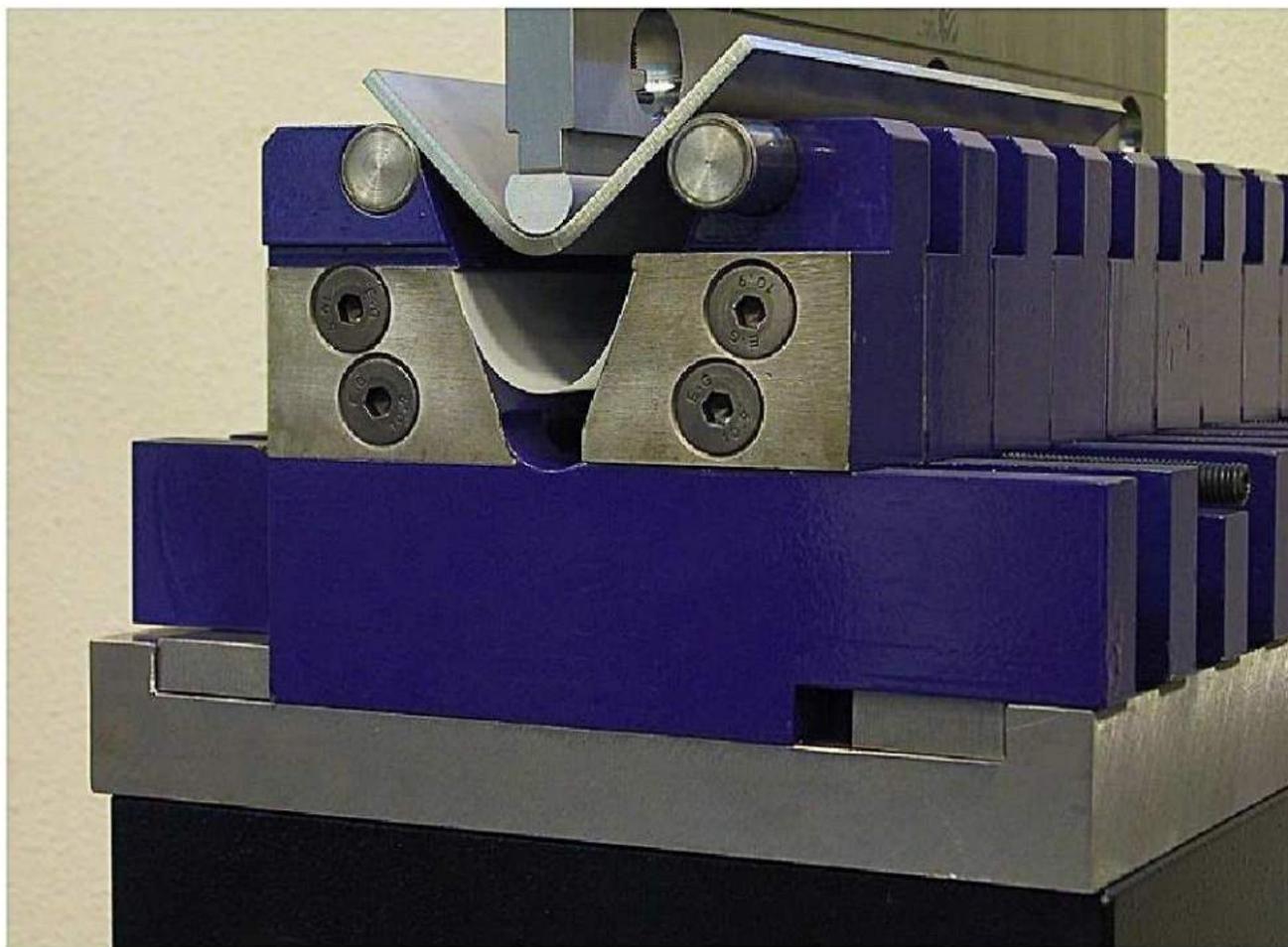
Max. Load at: 90° 400 Tons/meter

90°- 600 ton/mtr



V150 – 400 mm

Max. Load at: 90° 600 Tons/meter





TOOLTECH Piotr Szoltysek Sp. J.
ul. Toszecka 102, lokal nr 605
44-117 Gliwice, Polska
Tel. kom.: +48 732-757-576
Email: biuro@tooltech.pl
www.tooltech.pl