



SINCE 1970

UTENSILI E ATTREZZATURE PER PRESSE PIEGATRICI | PRESS BRAKE TOOLING AND EQUIPMENT

ABKANTWERKZEUGE

OUTILS POUR PRESSE-PLIEUSES

UTILES PARA PRENSA PLEGADORA

NASTROJE NA OHRANOVACI LISY

NARZĘDZIA DO PRAS KRAWĘDZIOWYCH

प्रेस ब्रेक टूलिंग

折弯刀模具

www.eurostampsrl.it



CHI SIAMO

Eurostamp S.r.l. è una società che ha sede in Piacenza, da anni specializzata nella produzione di punzoni e matrici, elementi che costituiscono il punto focale delle presse piegatrici e del processo di piegatura della lamiera.

La produzione Eurostamp comprende una serie completa di accessori. Tutti gli utensili vengono costruiti utilizzando acciai speciali e al carbonio, temprati a induzione sulle parti usurabili ad una resistenza di 55-60Hrc e rettificati. Il processo di rettifica, ritenuto determinante per il raggiungimento di risultati ottimali, è stato razionalizzato da Eurostamp in ogni suo dettaglio, dalle mole alla velocità di lavoro, al piazzamento dei pezzi fino alla rinvivatura.

Un nutrito parco macchine utensili di elevata tecnologia permette ad Eurostamp di raggiungere alti livelli di produzione, garantendo un rapporto ottimale qualità/prezzo.

WHO WE ARE

Eurostamp S.r.l. is a company situated in Piacenza, with a long-standing experience in the production of punches and dies, the core elements of press brakes and sheet metal bending technology.

Eurostamp production includes a wide range of accessories. All of our tools are made of special carbon steel, induction hardened to 55-60Hrc on working parts and ground. The grinding process, which is considered essential to reach best results, has been rationalized by Eurostamp in its every detail, from the wheels to the working speed, piece placements and finally the finishing process.

A large range of working machines, which also include eight models of grinding machines, has enabled Eurostamp to reach a high level of production, ensuring excellent quality/price ratio.

Attrezzature per presse piegatrici • Press brake tooling • Abkantwerkzeuge • Outils pour presse-plier •





LA NOSTRA FILOSOFIA

L'obiettivo di Eurostamp è la completa soddisfazione del cliente al quale si propone offrendo la qualità del prodotto ed un servizio efficiente. Siamo in grado di offrire soluzioni mirate per qualsiasi modello di utensile in lunghezze modulari standard e disponiamo di un magazzino ben fornito per far fronte rapidamente alle richieste del cliente.



COMPETENZE

La preziosa collaborazione di personale interno altamente qualificato accresce ulteriormente l'affidabilità di Eurostamp, che viene considerata dalla numerosa clientela un partner di fiducia e un punto di riferimento per qualsiasi soluzione di piegatura.

OUR PHILOSOPHY

Eurostamp aim is the complete customer satisfaction by proposing the quality of its product and an efficient service. We are able to offer specific solutions for every kind of tool model in standard modular length. We also have a well-stocked warehouse to satisfy customer requests rapidly.



COMPETENCES

The precious cooperation of highly qualified professional staff further increases Eurostamp reliability, which is considered by many customers a trustworthy partner and a landmark for every kind of bending solution.

Utiles para prensa plegadora • Nastroje na ohranovací lisy • Narzędzia do pras krawędziowych • प्रेस ब्रेक टूलिंग • 折弯刀模具



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ACCESSORI / ACCESSORIES

ACCESSORIES

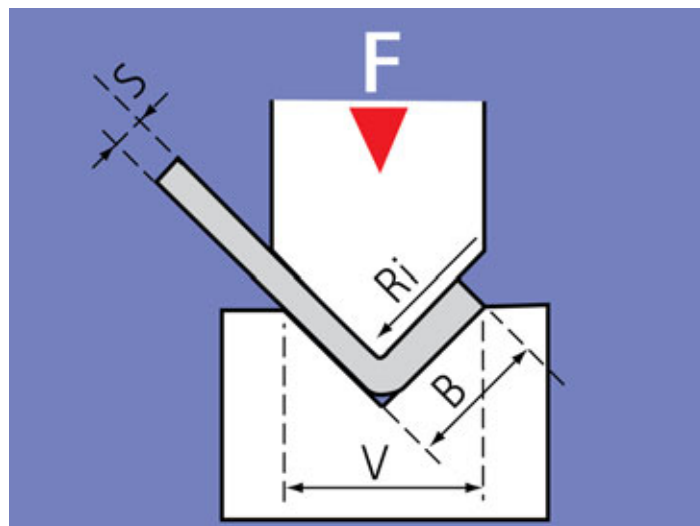
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Calcolo della forza di piega in aria

Air bending force calculation



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



S	Spessore lamiera - mm Sheet metal thickness - mm
V	Larghezza del V V-opening
F	Forza in T/m Force in T/m
B	Bordo minimo Shortest edge
Ri	Raggio interno Inside radius
R	Alluminio 20-25 kg/mm ² Aluminium 20-25 kg/mm ²
R	Acciaio dolce 40-45 kg/mm ² Mild steel 40-45 kg/mm ²
R	Inox 65-70 kg/mm ² Stainless steel 65-70 kg/mm ²

Relazione tra spessore lamiera e larghezza V
Sheet metal thickness/V-shape width ratio

S	Spessore lamiera - mm Sheet metal thickness - mm	0,5-2,5	3-8	9-10	12 o più 12 or more
V	Larghezza del V "V" width	6 S	8 S	10 S	12 S

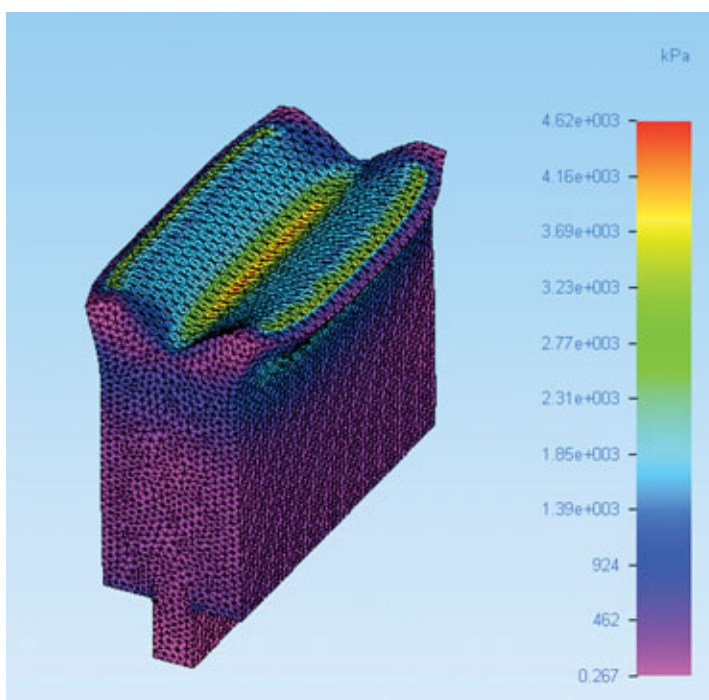
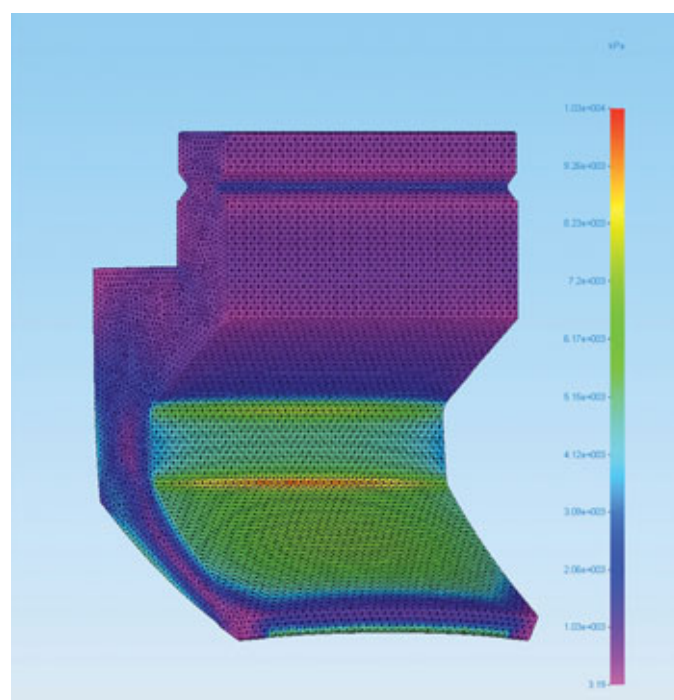


Tabella di piegatura in aria - Acciaio dolce / Air bending table - Mild Steel

S	4	6	7	8	10	12	14	16	18	20	25	32	40	50	63	80	100	125	160	200	250	V
	2,8	4	5	5,5	7	8,5	10	11	13,5	14	17,5	22	28	35	45	55	71	89	113	140	175	B
mm	0,7	1	1,1	1,3	1,6	2	2,3	2,6	3	3,3	4	5	6,5	8	10	13	16	20	26	33	41	Ri
0,5	4	3																				
0,6	6	4	4	4																		
0,8		7	7	5	4																	
1		11	10	8	7	6																
1,2			14	12	10	8	7	6														
1,5				20	17	15	13	11	10	9												
2						22	19	17	15	13	11											
2,5								28	25	22	18	14										
3									34	30	24	19	15									
3,2										34	27	22	17	14								
3,5											33	26	20	16	13							
4											43	34	27	21	17							
4,5												44	34	27	21							
5												52	42	33	26	21						
6													60	48	38	30	24					
8													107	85	68	53	43					
10																85	67	53	42			
12																	96	78	60	55		
15																	150	120	95	75		
20																		215	170	135	108	
25																				210	170	
30																					240	

F
t/m

Tabella di piegatura in aria - Acciaio inox / Air bending table - Stainless Steel

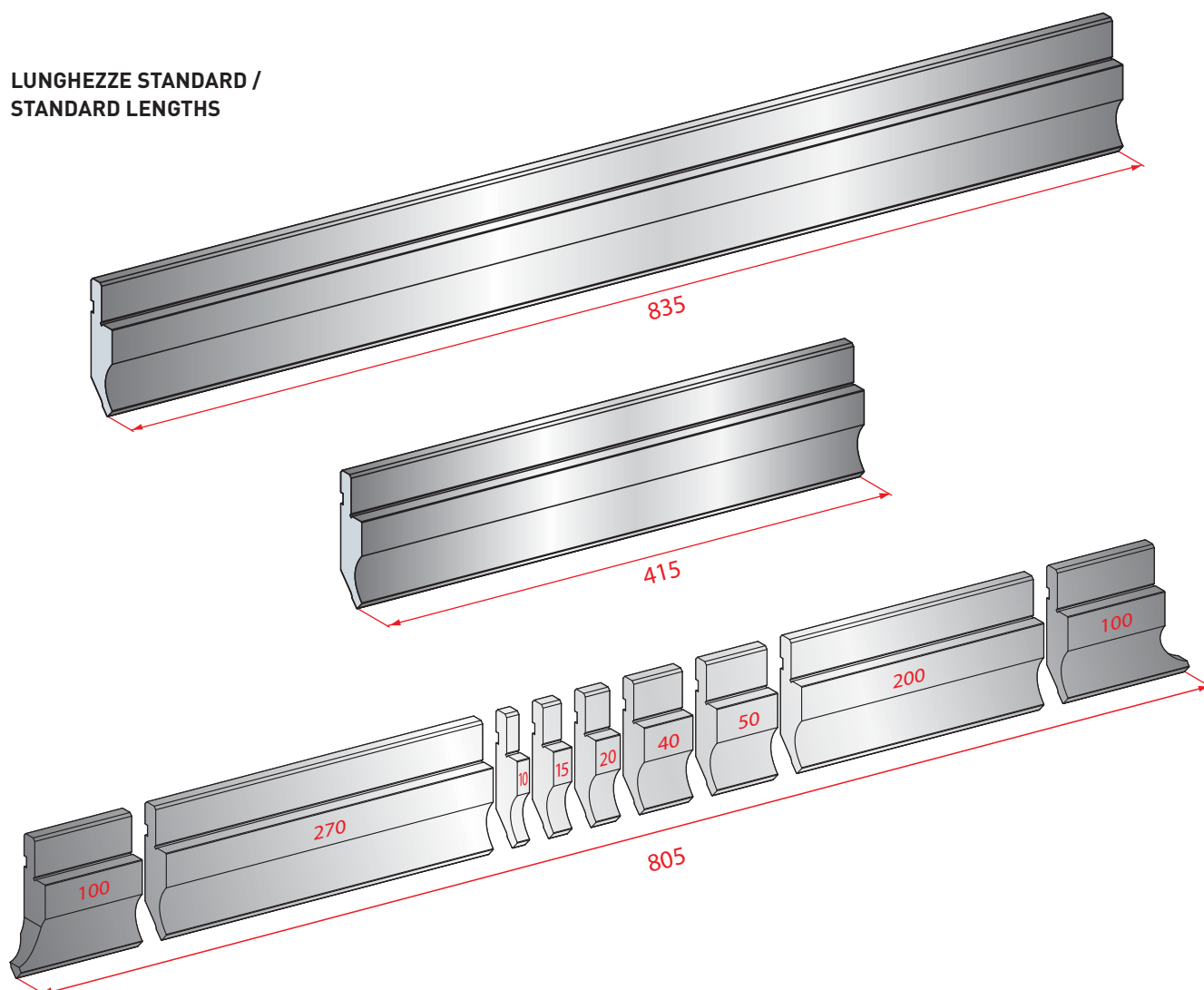
S	4	6	7	8	10	12	14	16	18	20	25	32	40	50	63	80	100	125	160	200	250	V
	2,8	4	5	5,5	7	8,5	10	11	13,5	14	17,5	22	28	35	45	55	71	89	113	140	175	B
mm	0,7	1	1,1	1,3	1,6	2	2,3	2,6	3	3,3	4	5	6,5	8	10	13	16	20	26	33	41	Ri
0,5	6	5																				
0,6	9	6	6	6																		
0,7	12	8	8	6	6																	
0,8		11	11	8	7																	
0,9		13	12	10	8	7																
1		17	15	12	11	8																
1,2			21	18	15	12	11	9														
1,5						20	17	15	13	12												
2						33	29	26	23	20	17											
2,5								39	35	30	25	19										
3									51	45	36	29	23									
4											65	51	41	32	26							
5												78	63	50	39	32						
6													90	72	57	45	36					
8															102	81	65	51				
10																129	101	80	63			
12																	144	117	90	83		
15																		180	141	114		
20																			250	208	167	
25																				315	255	
30																					360	

F
t/m

AMADA

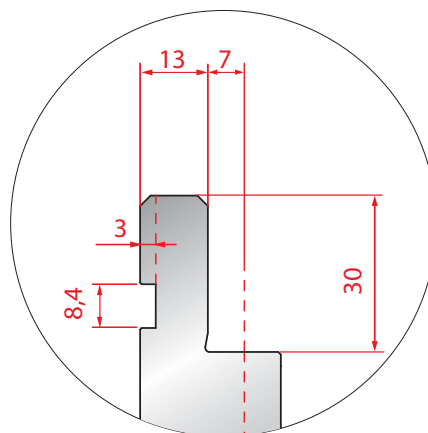
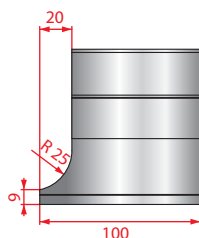
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LUNGHEZZE STANDARD /
STANDARD LENGTHS

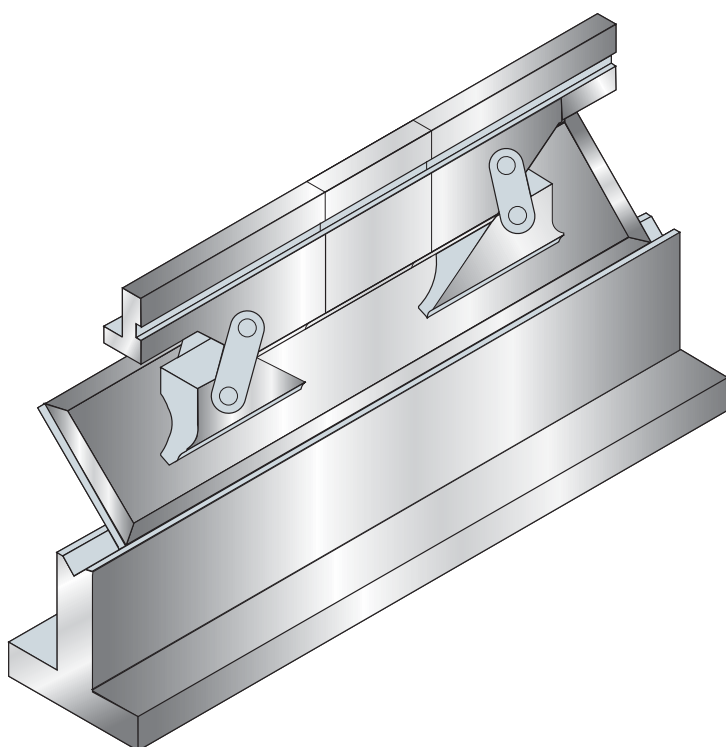
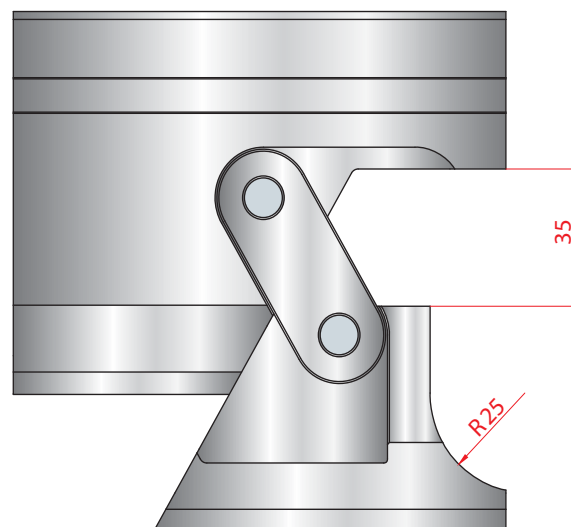
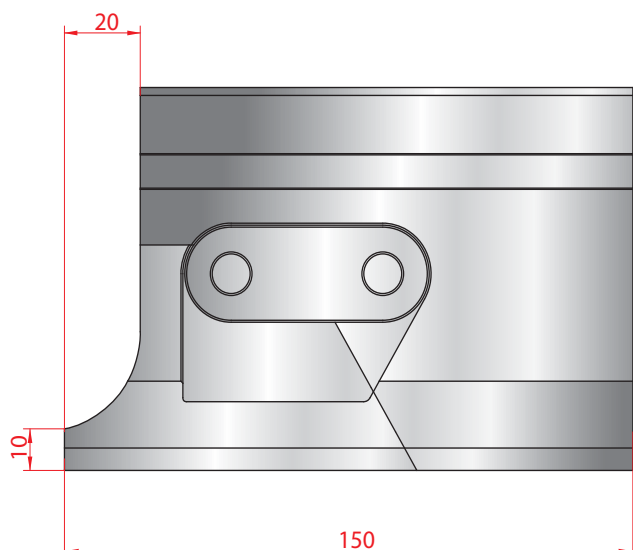


FRAZIONATURA STANDARD /
STANDARD SEGMENTATION

FRESATURA SCARPETTA
MILLED HORN



SCARPETTE MOBILI / MOVING HORNS



Punzone Scarpette mobili

Punch Moving Horns

1010 1010S

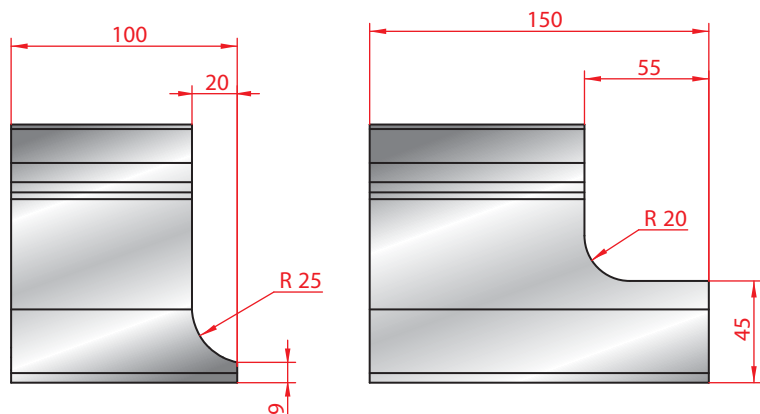
1011 1011S

1064 1064S

1065 1065S

1047 1047S

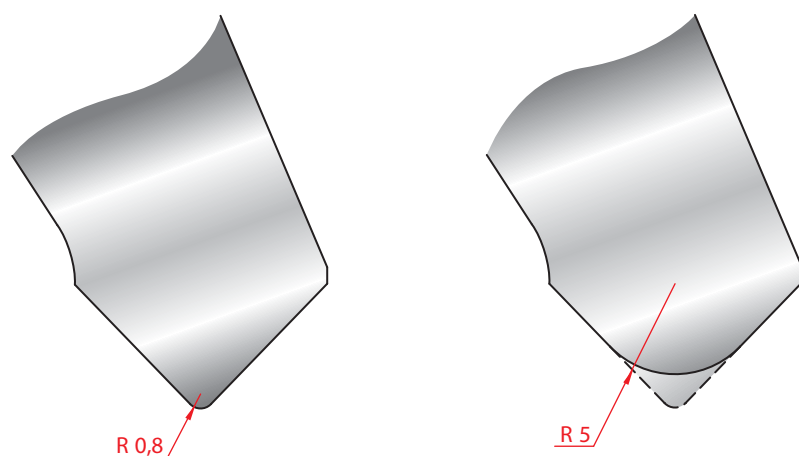




SCARPETTE SPECIALI /
SPECIAL HORNS

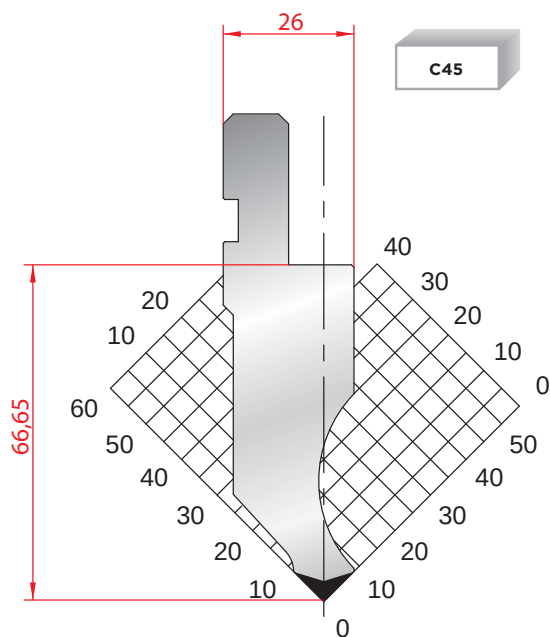
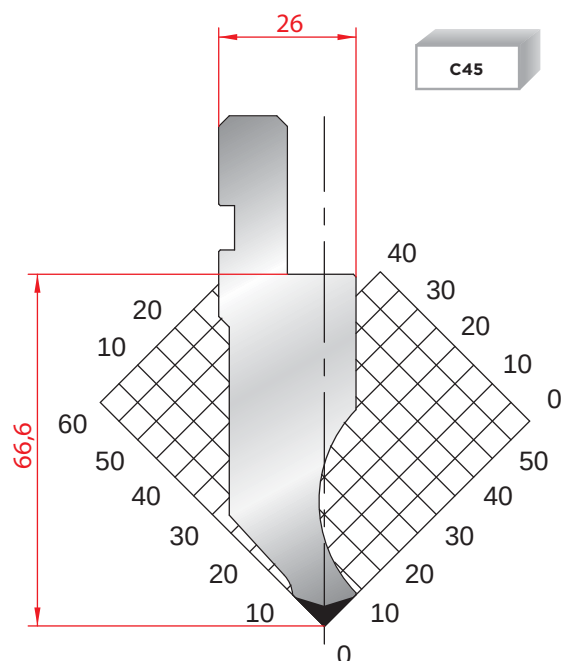
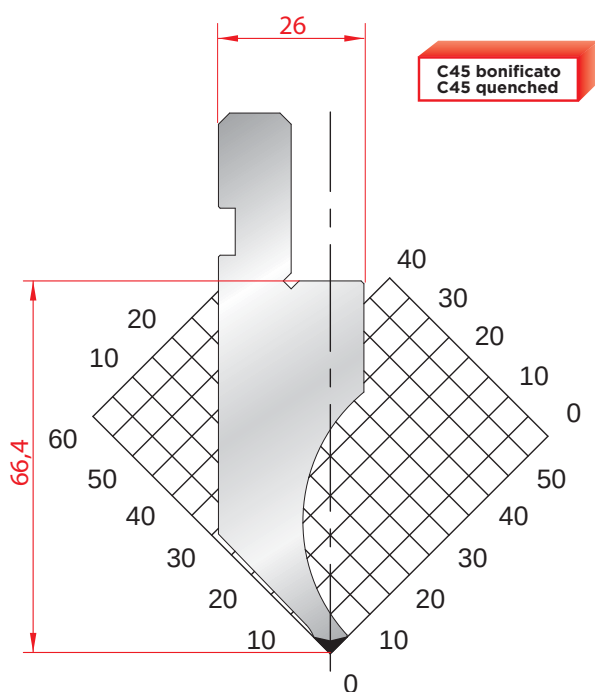
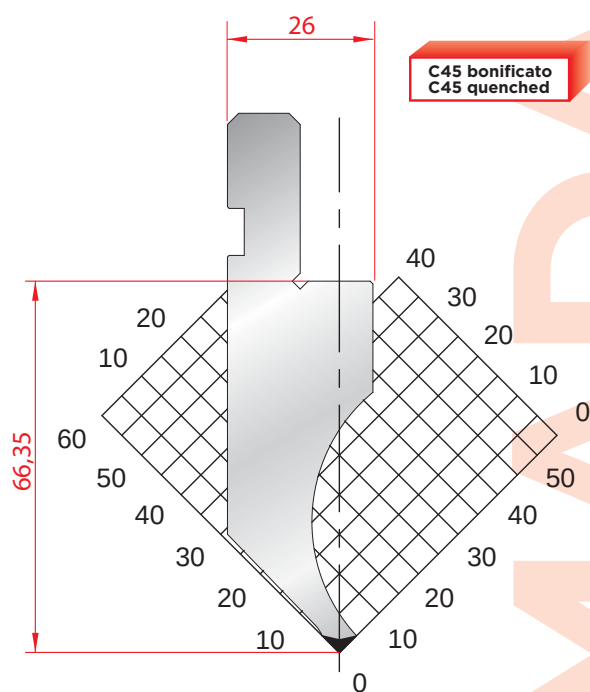


TAGLI A RICHIESTA /
SPECIAL SEGMENTATION

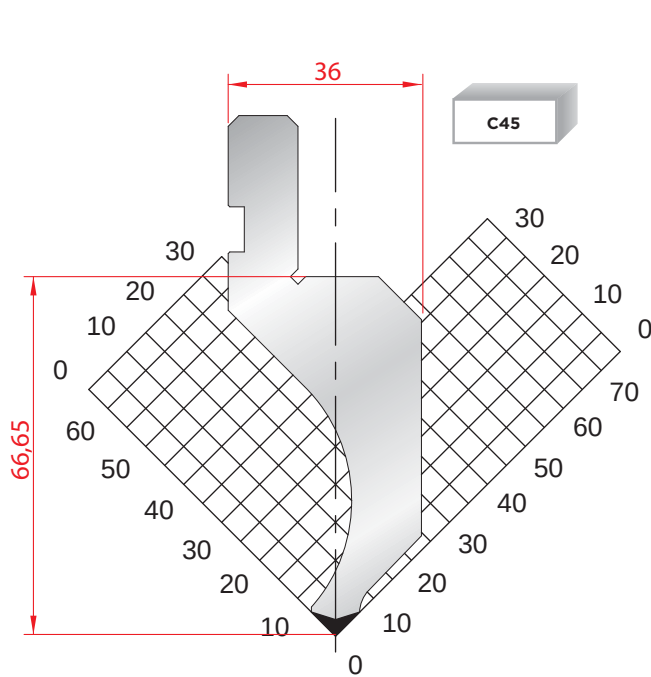
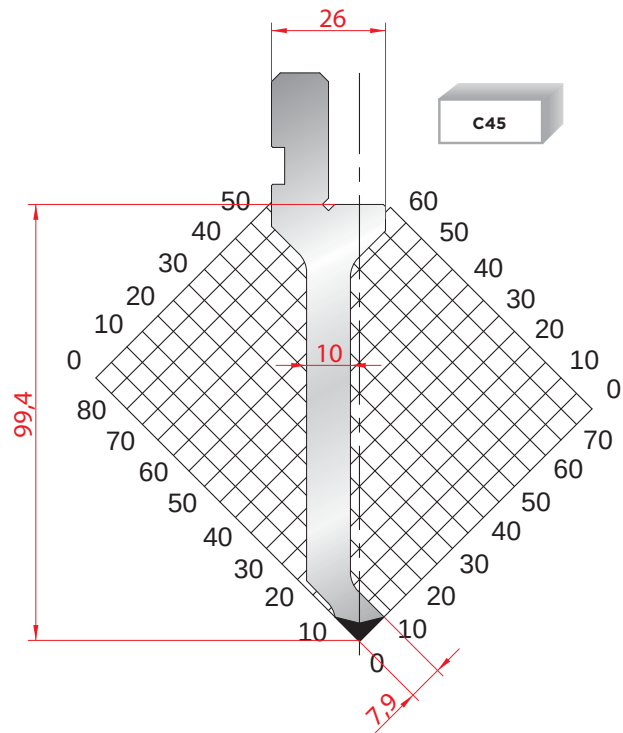
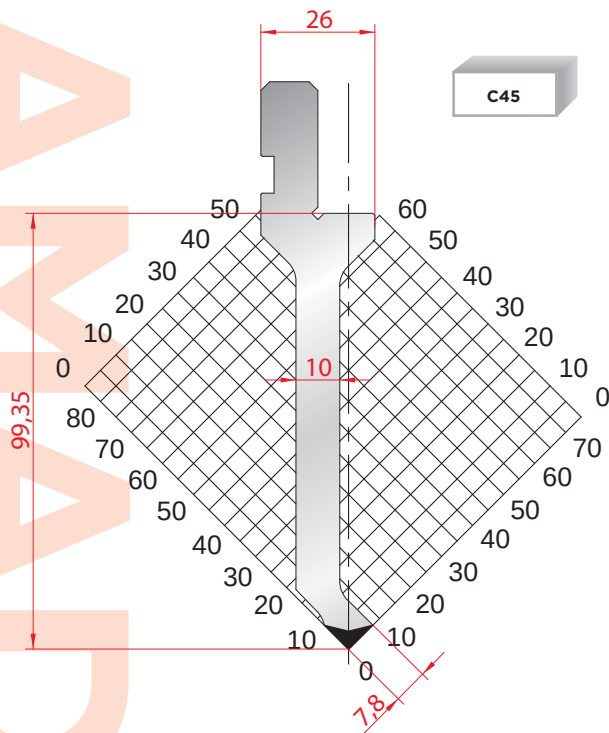
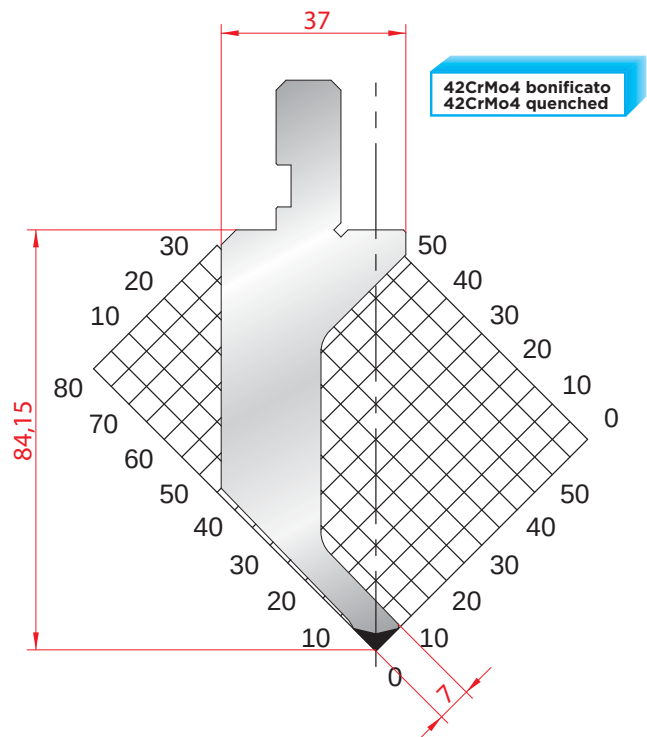


MODIFICA RAGGIO /
RADIUS MODIFICATION

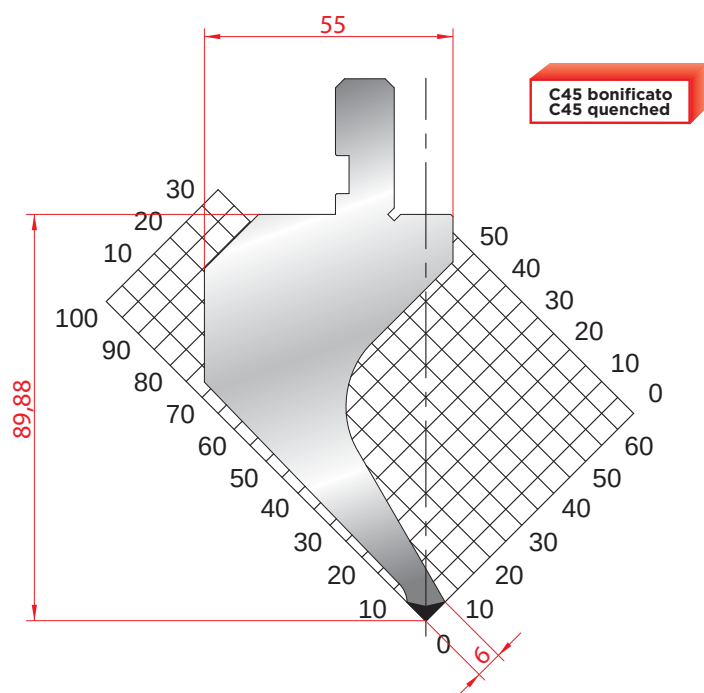
PUNZONI - 90° / PUNCHES - 90°

**1010** $\alpha=90^\circ$ $R=0.8$ $H=66.65$ $\text{Max T/m}=100$ **1064** $\alpha=90^\circ$ $R=0.25$ $H=66.60$ $\text{Max T/m}=100$ **1048** $\alpha=90^\circ$ $R=0.6$ $H=66.40$ $\text{Max T/m}=35$ **1263** $\alpha=90^\circ$ $R=0.25$ $H=66.35$ $\text{Max T/m}=35$

PUNZONI - 90° / PUNCHES - 90°

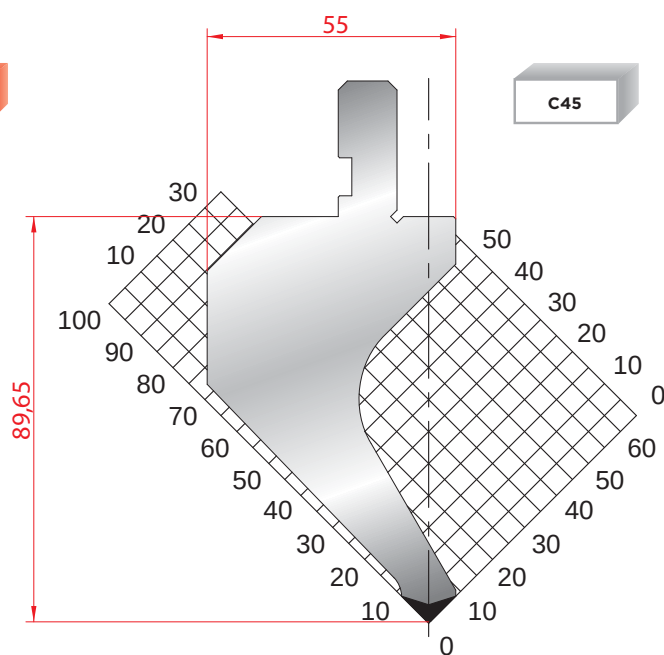
**1080**
 $\alpha=90^\circ$ $R=0.8$ $H=66.65$ $\text{Max T/m}=60$
**1028**
 $\alpha=90^\circ$ $R=0.6$ $H=99.40$ $\text{Max T/m}=50$
**1261**
 $\alpha=90^\circ$ $R=0.25$ $H=99.35$ $\text{Max T/m}=50$
**1019**
 $\alpha=90^\circ$ $R=0.6$ $H=84.15$ $\text{Max T/m}=20$

PUNZONI - 90° / PUNCHES - 90°



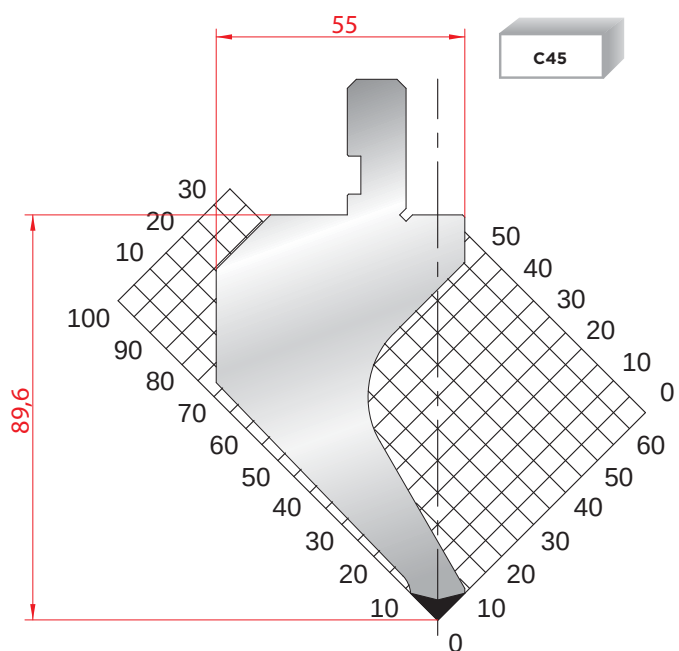
1176

$\alpha=90^\circ$ R=0.25 H=89.88 Max T/m=50



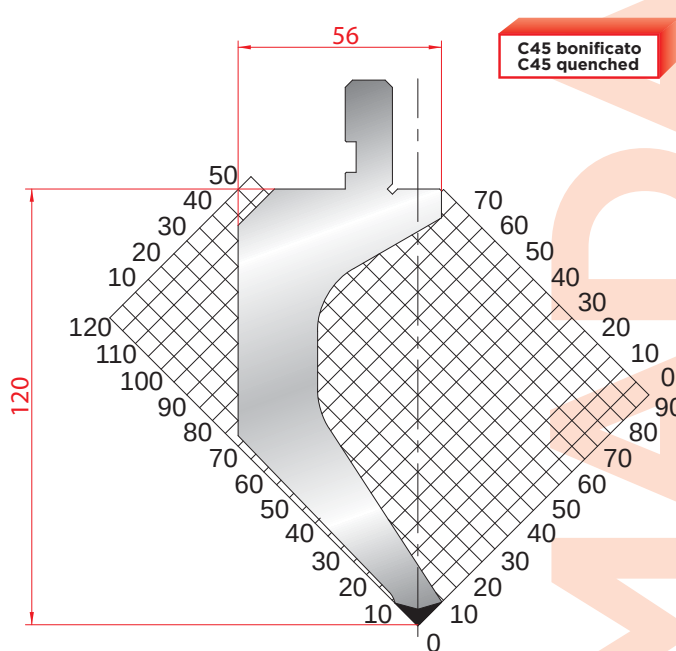
1013

$\alpha=90^\circ$ R=0.8 H=89.65 Max T/m=60



1265

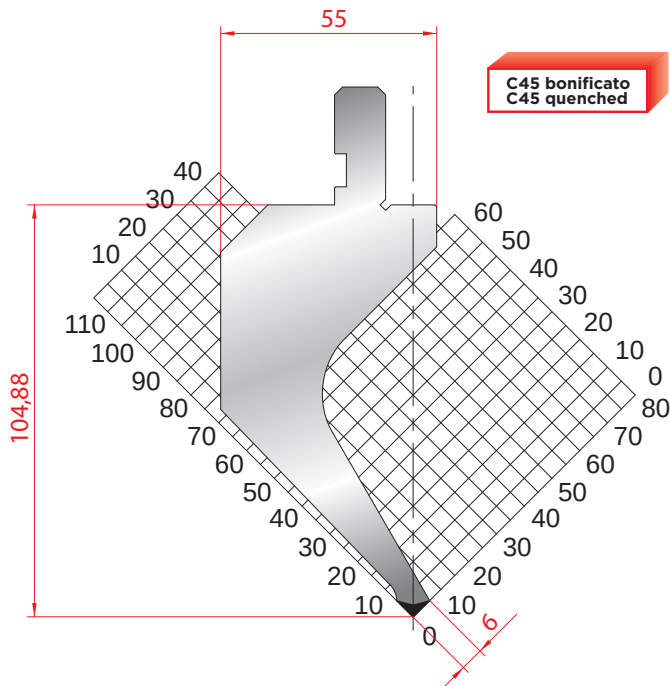
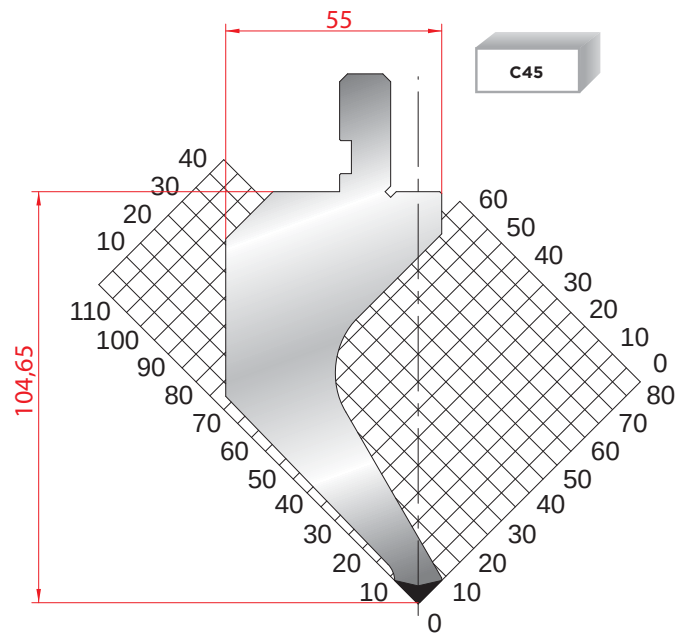
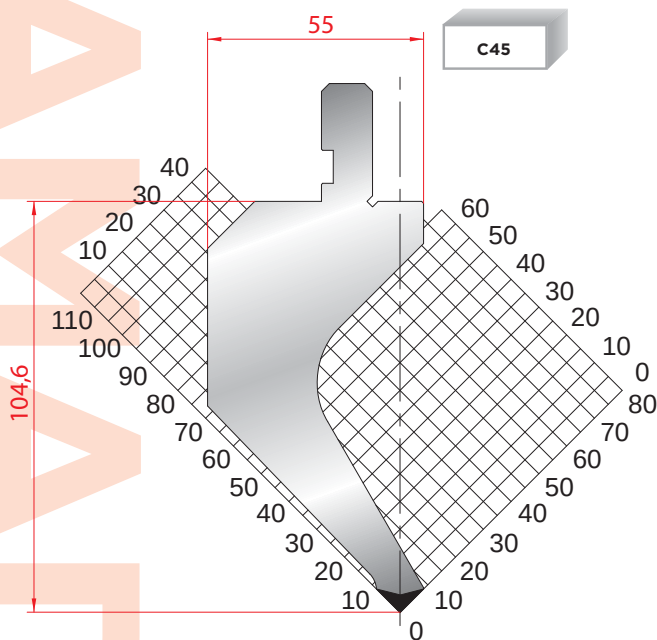
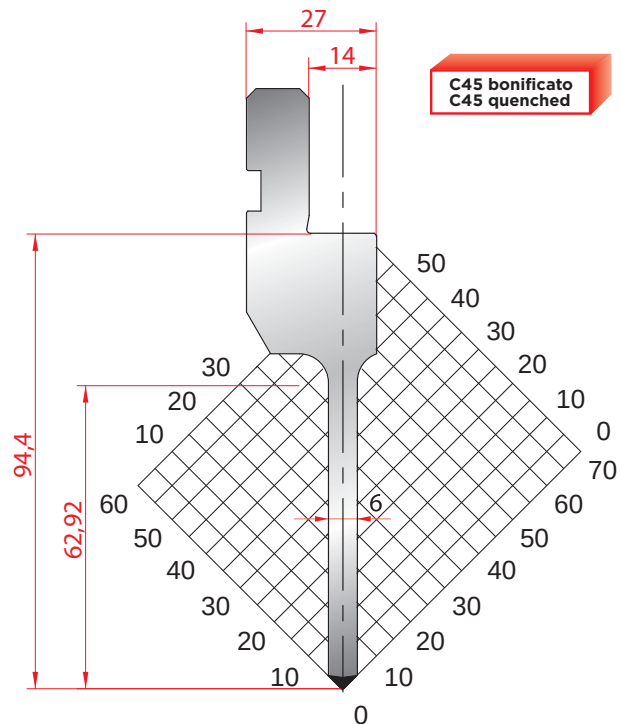
$\alpha=90^\circ$ R=0.25 H=89.60 Max T/m=60



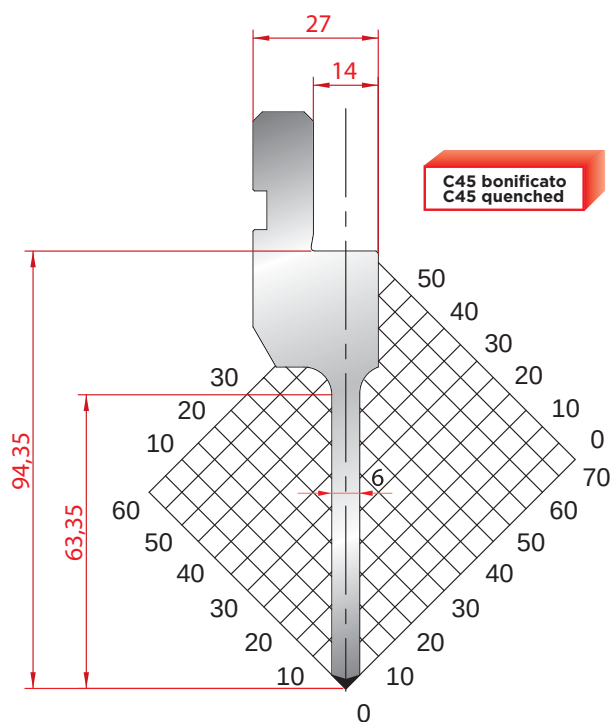
1060

$\alpha=90^\circ$ R=0.8 H=120.00 Max T/m=50

PUNZONI - 90° / PUNCHES - 90°

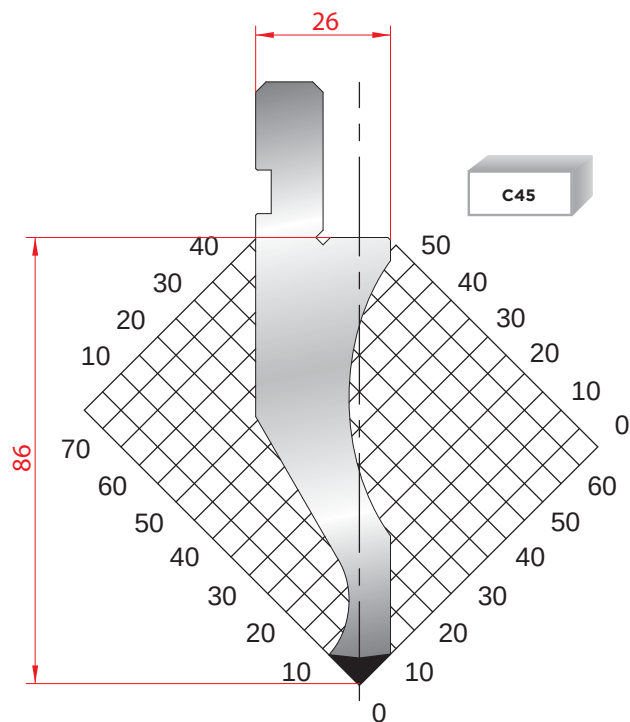
**1174** $\alpha=90^\circ$ R=0.25 H=104.88 Max T/m=50**1016** $\alpha=90^\circ$ R=0.8 H=104.65 Max T/m=50**1267** $\alpha=90^\circ$ R=0.25 H=104.60 Max T/m=50**1083** $\alpha=90^\circ$ R=0.6 H=94.40 Max T/m=50

PUNZONI - 90° / PUNCHES - 90°



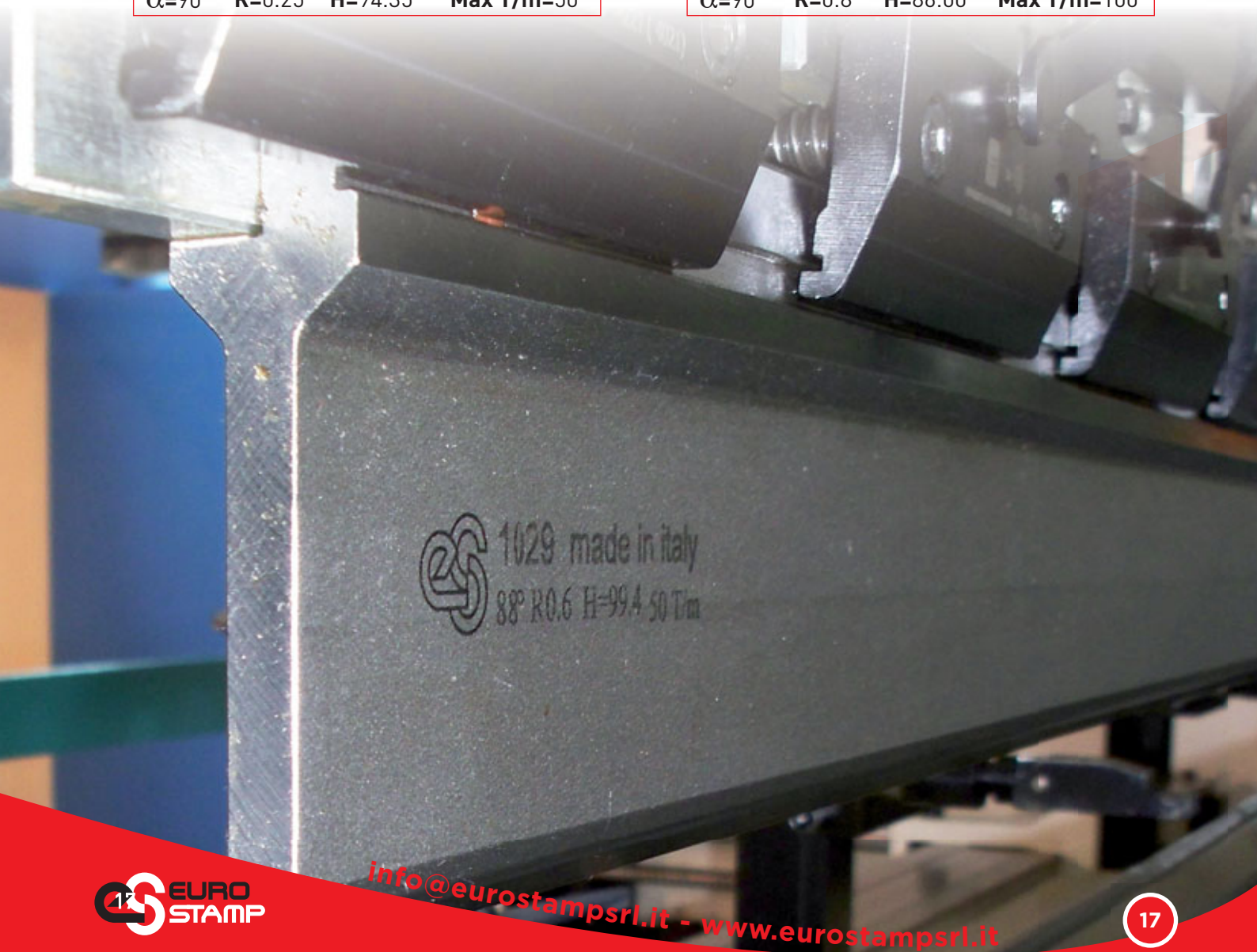
1269

$\alpha=90^\circ$ R=0.25 H=94.35 Max T/m=50

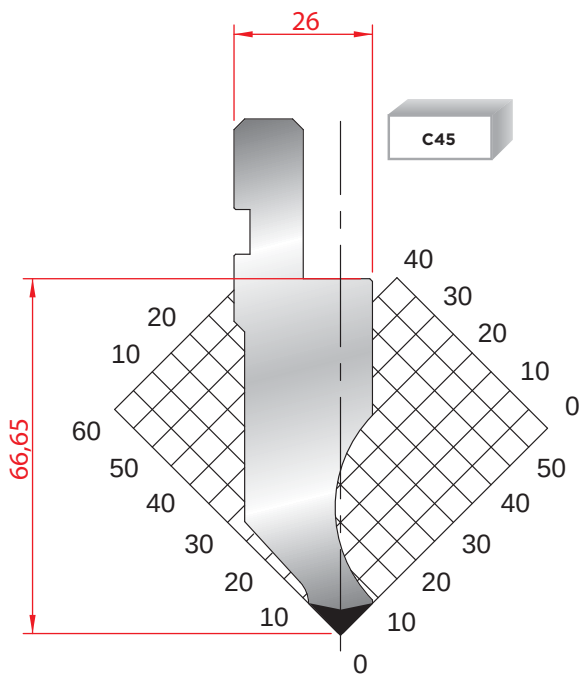
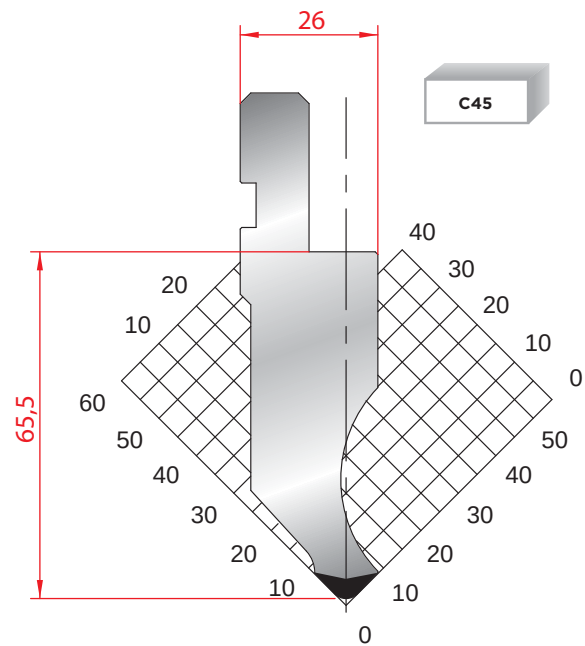
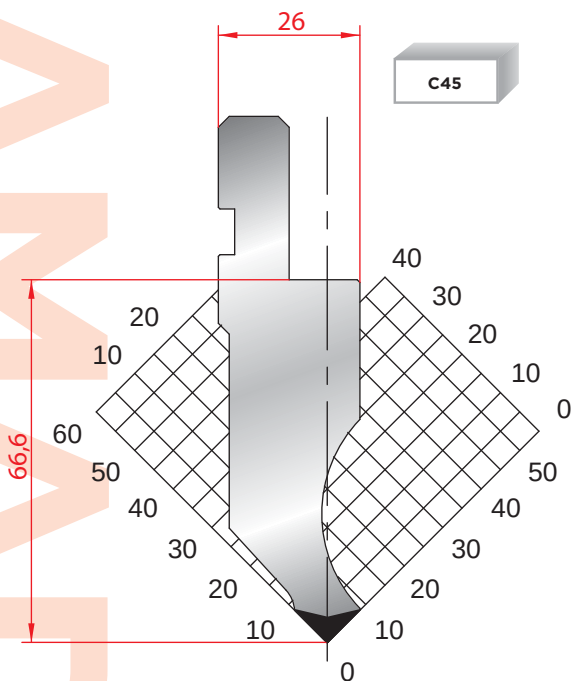
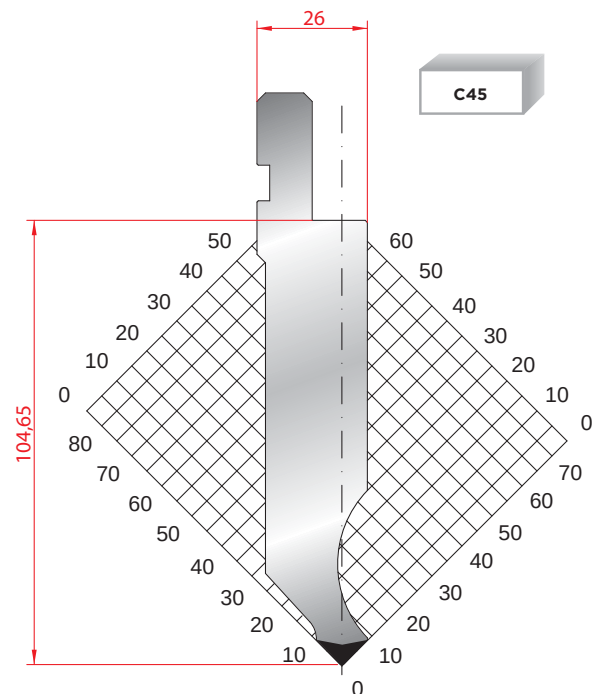


1021

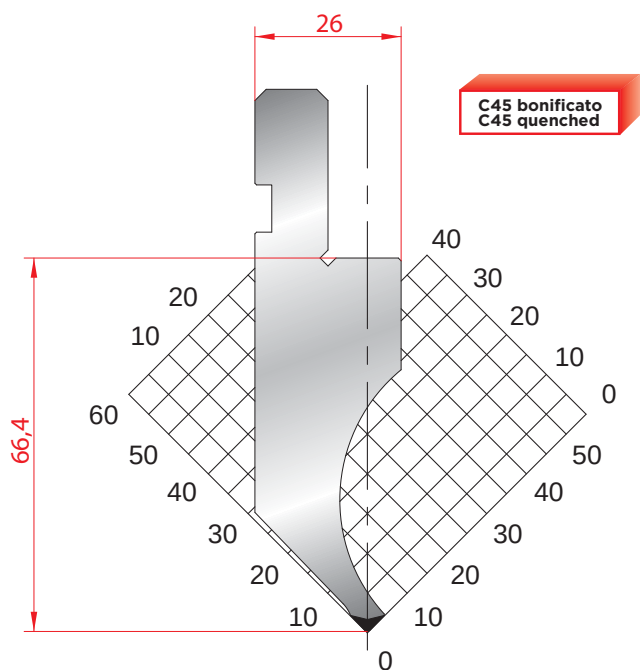
$\alpha=90^\circ$ R=0.8 H=86.00 Max T/m=100



PUNZONI - 88° / PUNCHES - 88°

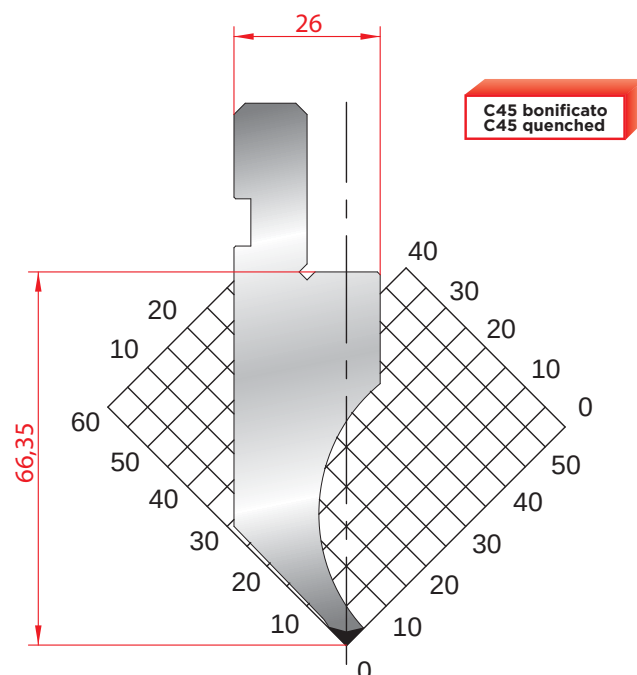
**1011** $\alpha=88^\circ$ $R=0.8$ $H=66.65$ $\text{Max T/m}=100$ **1012** $\alpha=88^\circ$ $R=3$ $H=65.50$ $\text{Max T/m}=100$ **1065** $\alpha=88^\circ$ $R=0.25$ $H=66.60$ $\text{Max T/m}=100$ **1063** $\alpha=88^\circ$ $R=0.8$ $H=104.65$ $\text{Max T/m}=100$

PUNZONI - 88° / PUNCHES - 88°



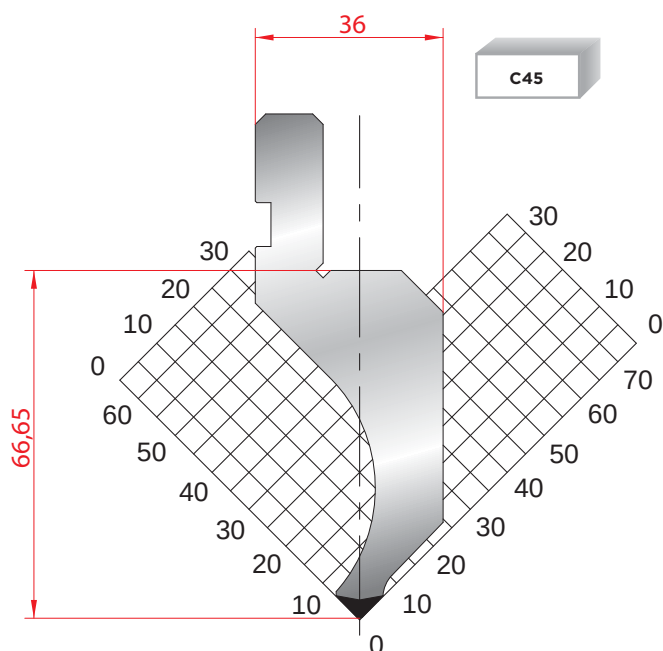
1049

$\alpha=88^\circ$ R=0.6 H=66.40 Max T/m=35



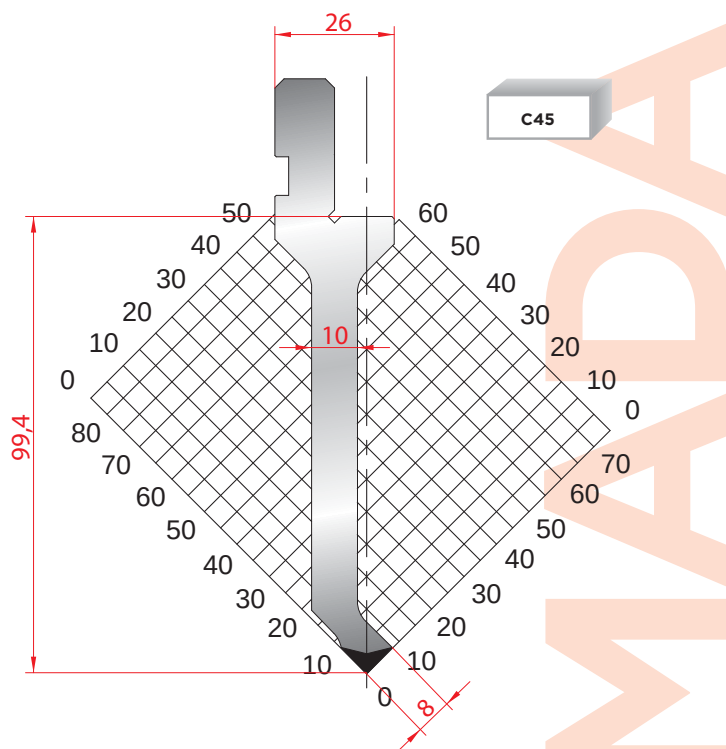
1264

$\alpha=88^\circ$ R=0.25 H=66.35 Max T/m=35



1081

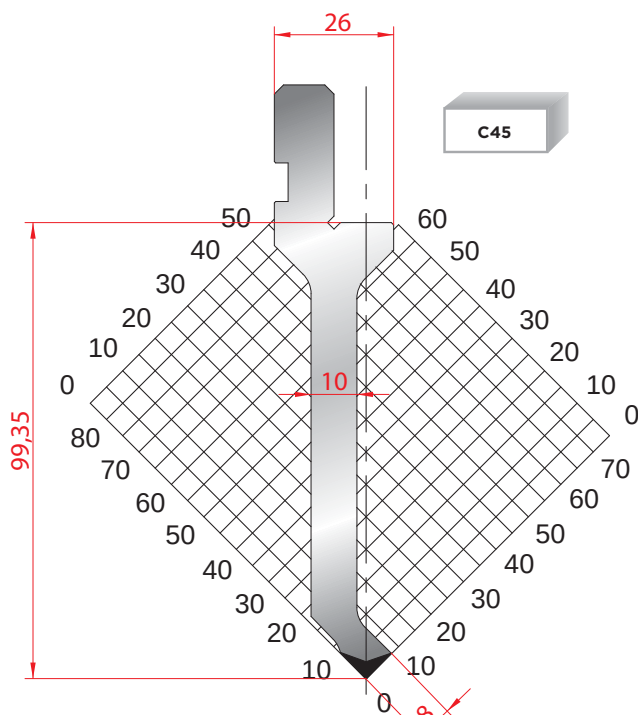
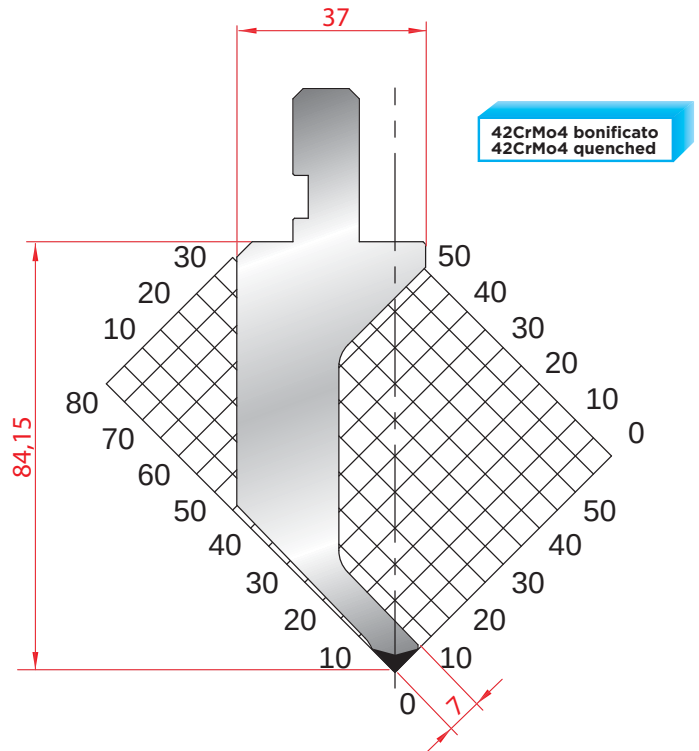
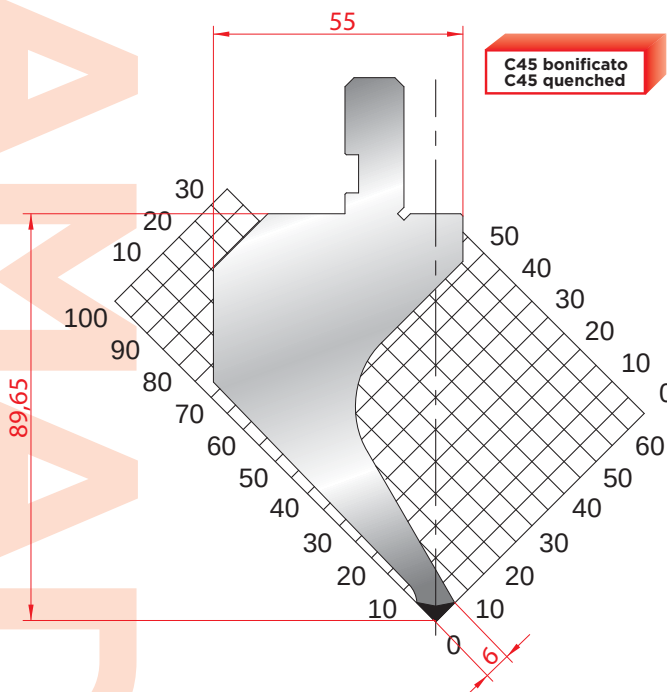
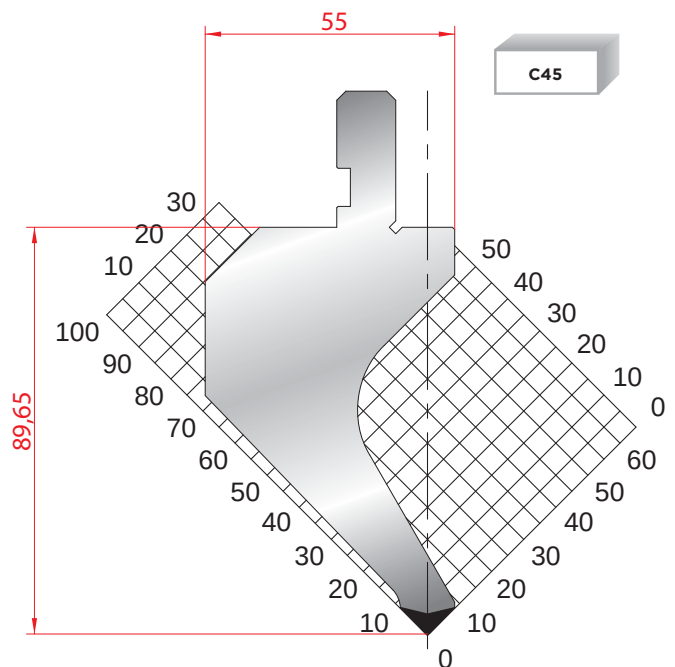
$\alpha=88^\circ$ R=0.8 H=66.65 Max T/m=60



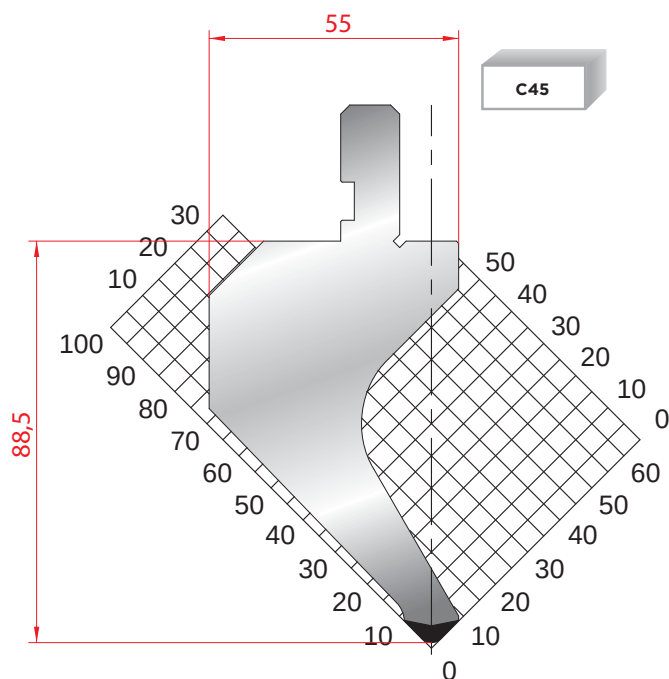
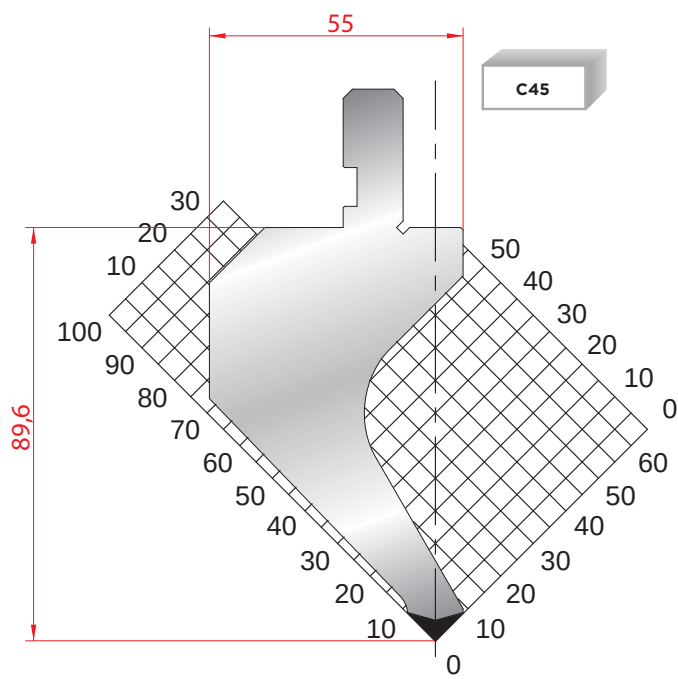
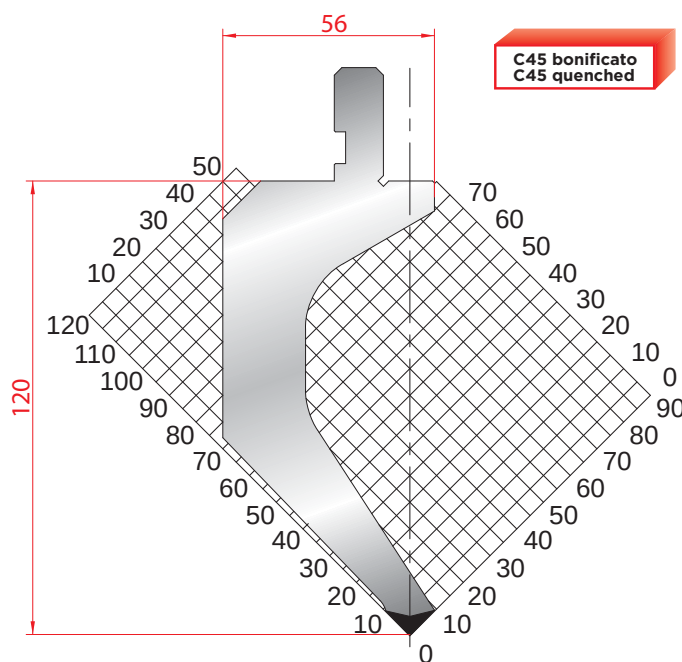
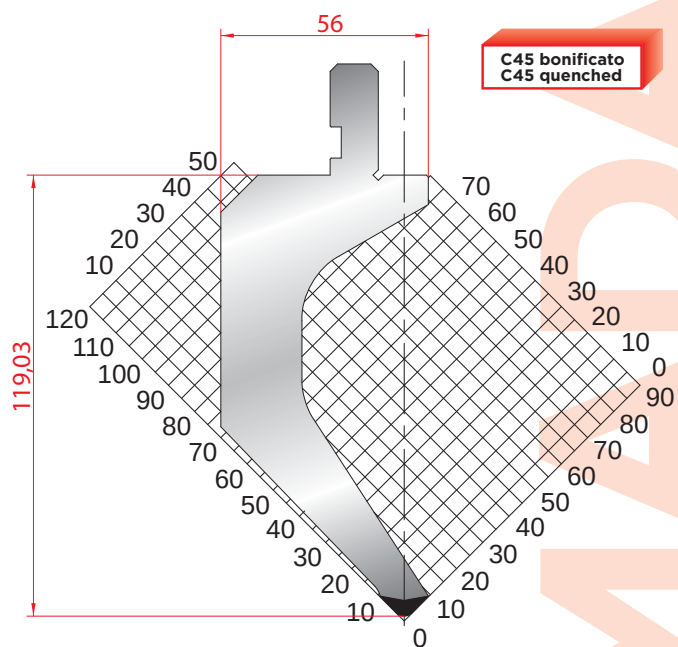
1029

$\alpha=88^\circ$ R=0.6 H=99.40 Max T/m=50

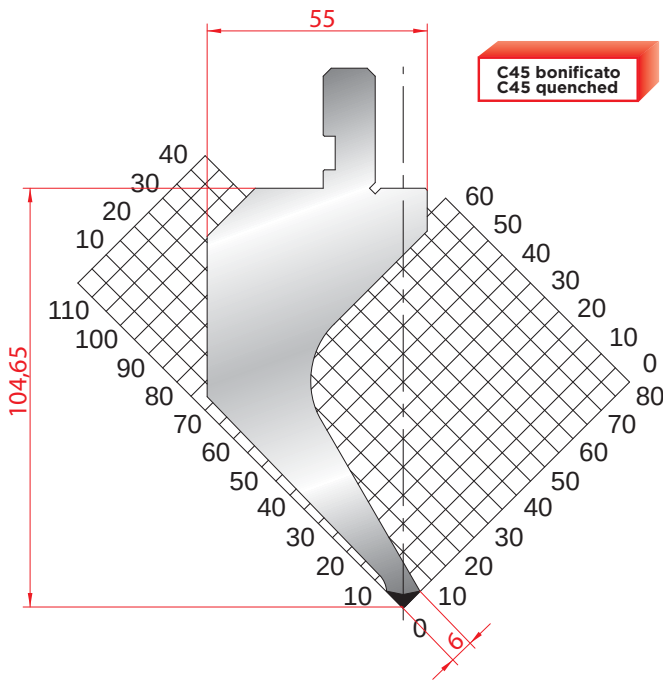
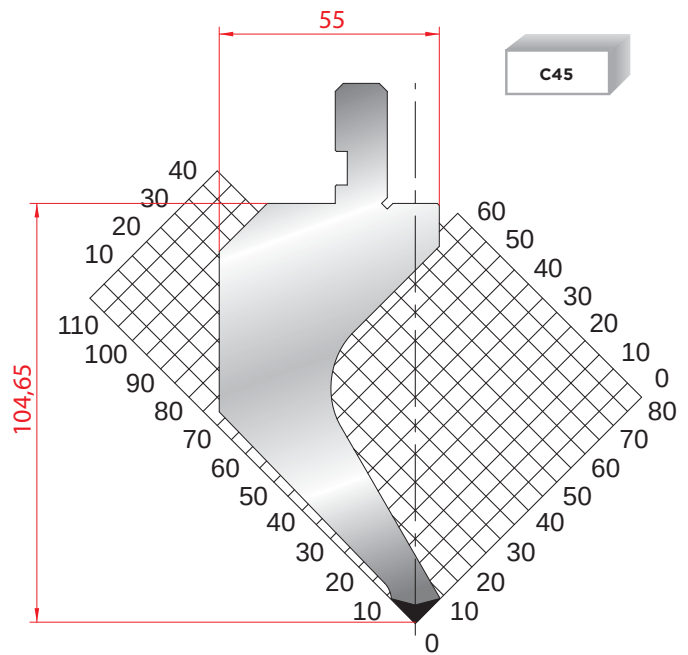
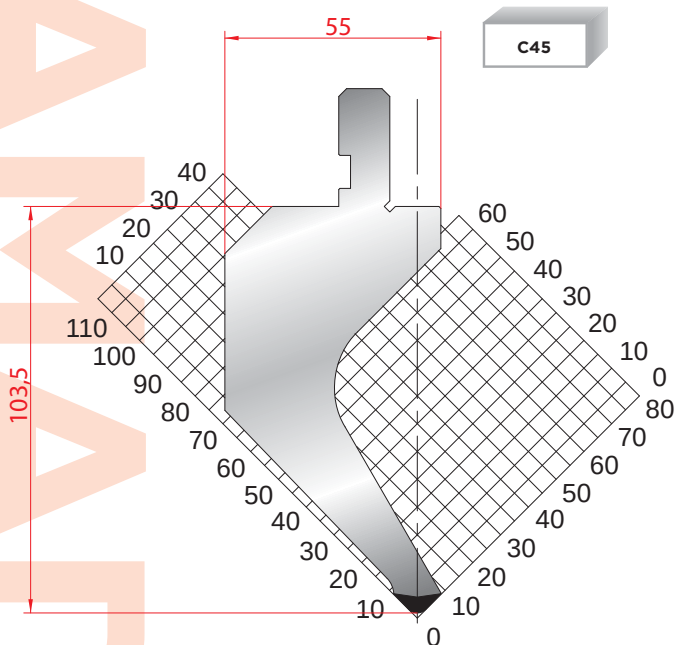
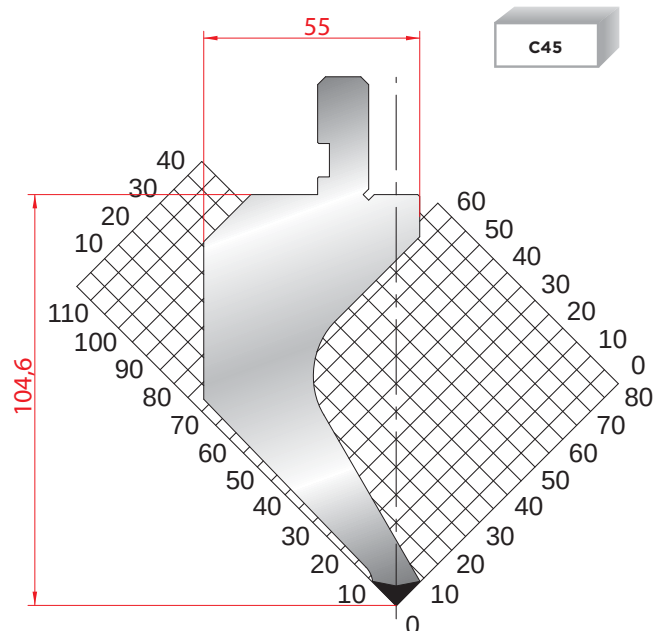
PUNZONI - 88° / PUNCHES - 88°

**1262** $\alpha=88^\circ$ $R=0.25$ $H=99.35$ $\text{Max T/m}=50$ **1020** $\alpha=88^\circ$ $R=0.6$ $H=84.15$ $\text{Max T/m}=20$ **1175** $\alpha=88^\circ$ $R=0.8$ $H=89.65$ $\text{Max T/m}=50$ **1014** $\alpha=88^\circ$ $R=0.8$ $H=89.65$ $\text{Max T/m}=60$

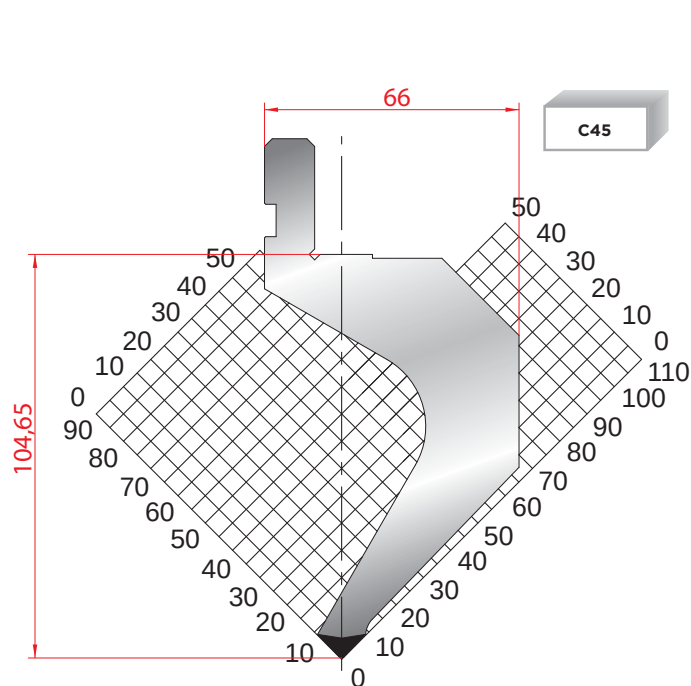
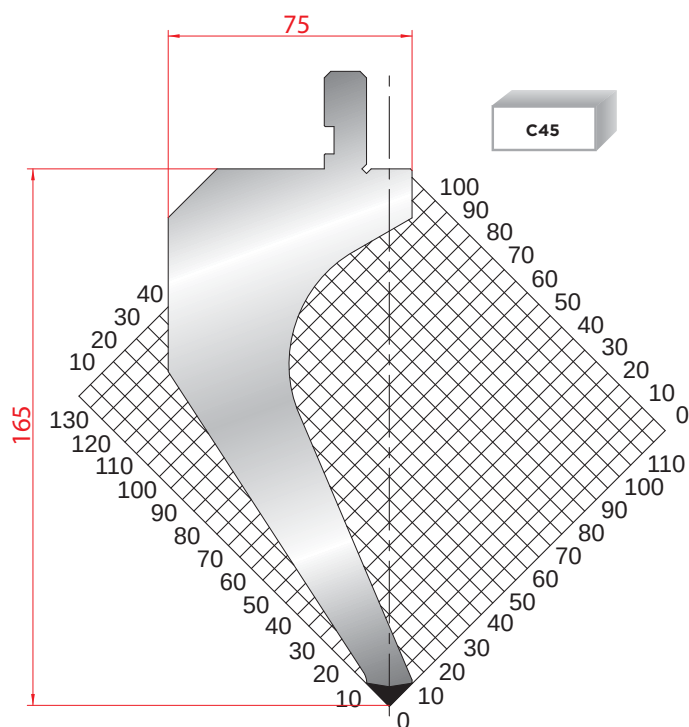
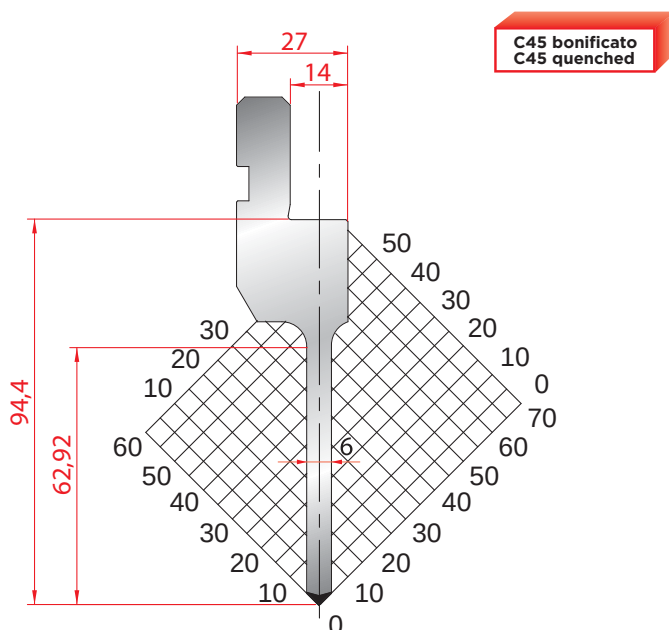
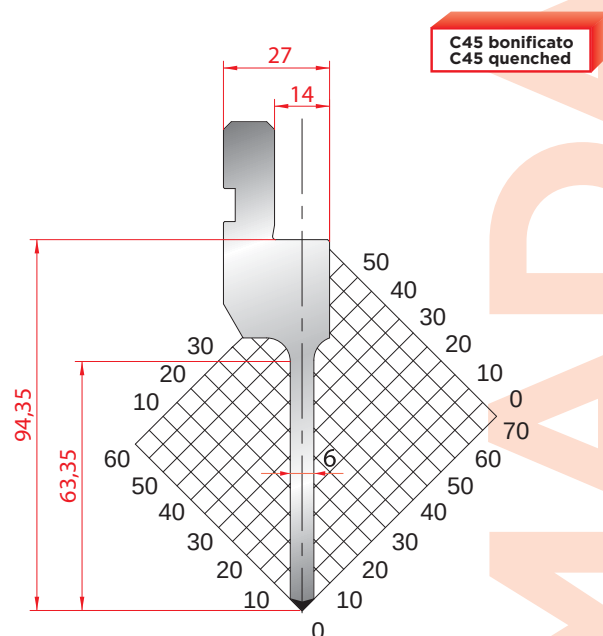
PUNZONI - 88° / PUNCHES - 88°

**1015** $\alpha=88^\circ$ R=3 H=88.50 Max T/m=60**1266** $\alpha=88^\circ$ R=0.25 H=89.60 Max T/m=60**1061** $\alpha=88^\circ$ R=0.8 H=120.00 Max T/m=50**1062** $\alpha=88^\circ$ R=3 H=119.03 Max T/m=50

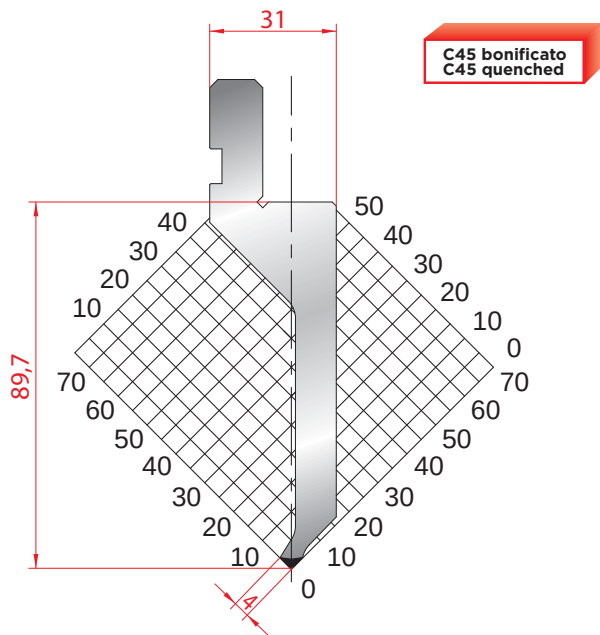
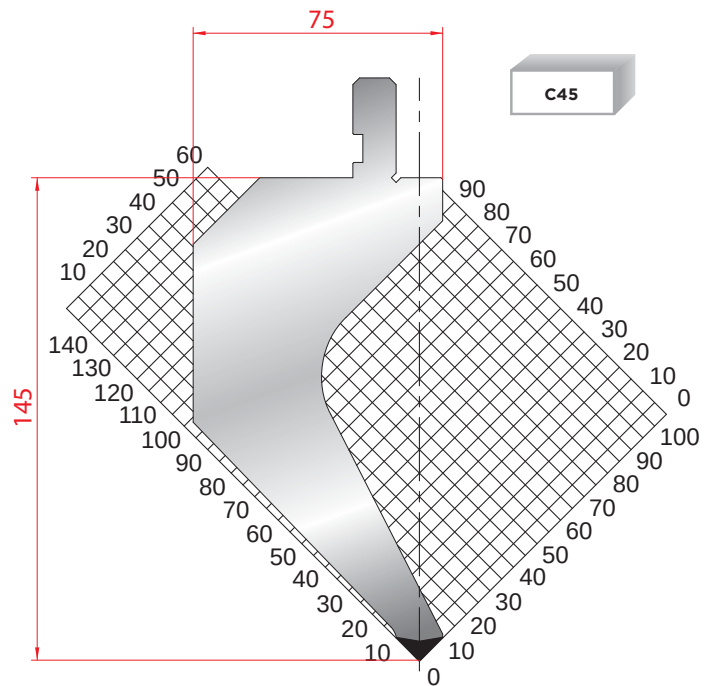
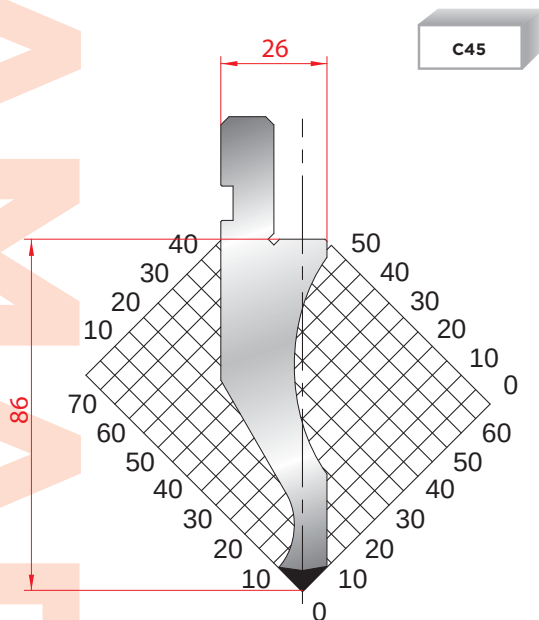
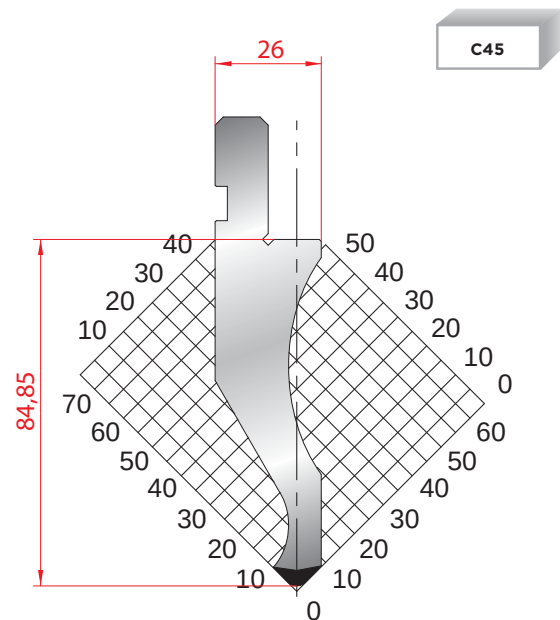
PUNZONI - 88° / PUNCHES - 88°

**1173** $\alpha=88^\circ$ R=0.8 H=104.65 Max T/m=50**1017** $\alpha=88^\circ$ R=0.8 H=104.65 Max T/m=50**1018** $\alpha=88^\circ$ R=3 H=103.50 Max T/m=50**1268** $\alpha=88^\circ$ R=0.25 H=104.60 Max T/m=50

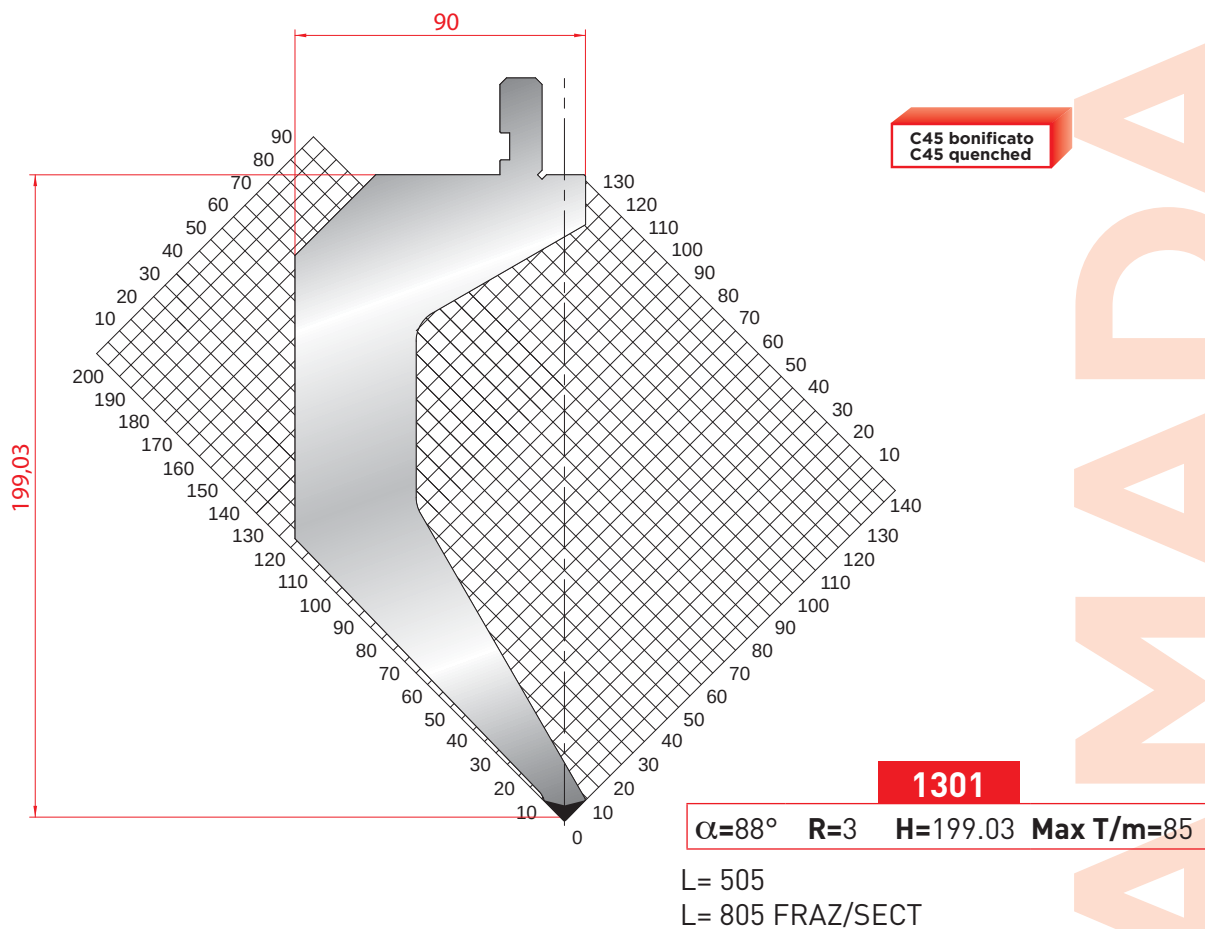
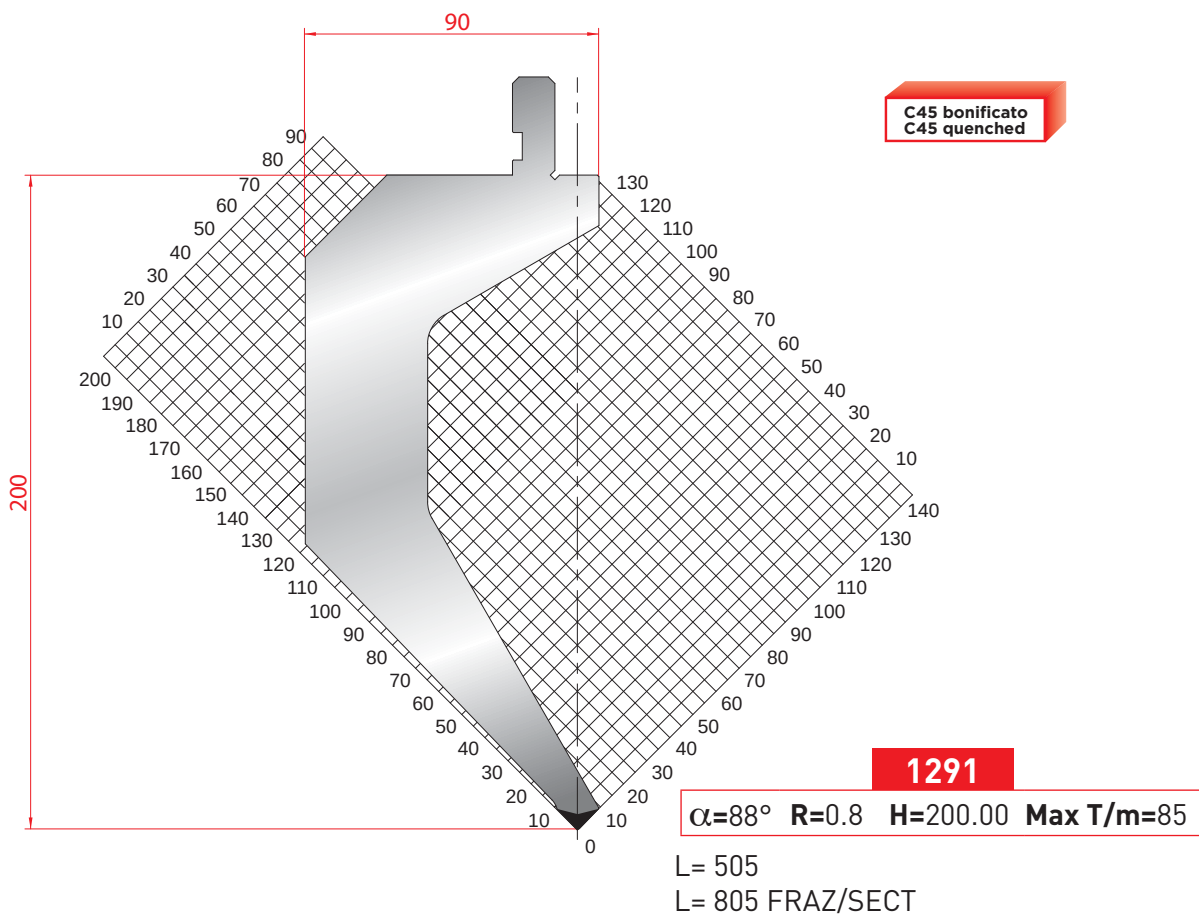
PUNZONI - 88° / PUNCHES - 88°

**1082** $\alpha=88^\circ$ R=0.8 H=104.65 Max T/m=45**1031** $\alpha=88^\circ$ R=0.8 H=165.00 Max T/m=60**1084** $\alpha=88^\circ$ R=0.6 H=94.40 Max T/m=50**1270** $\alpha=88^\circ$ R=0.25 H=94.35 Max T/m=50

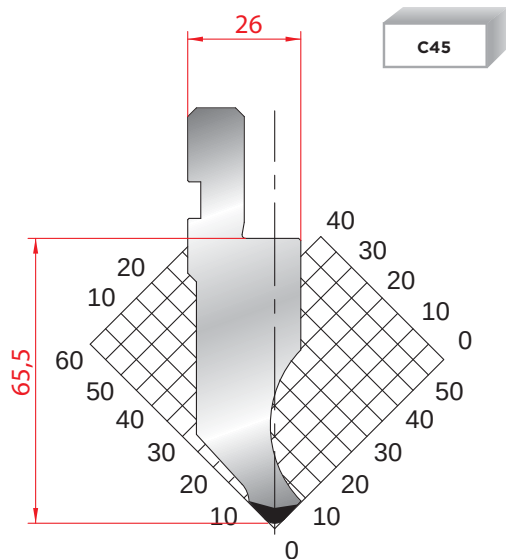
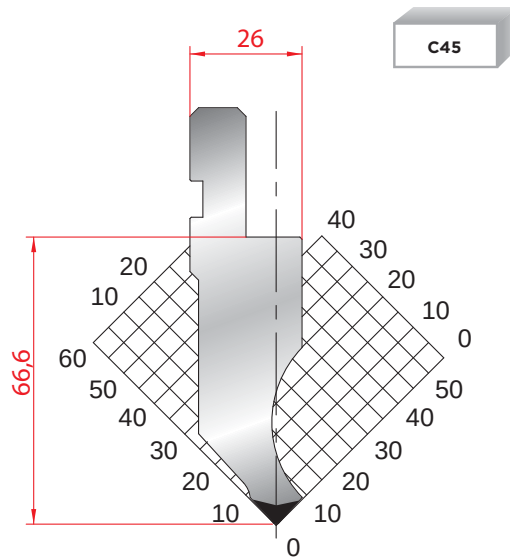
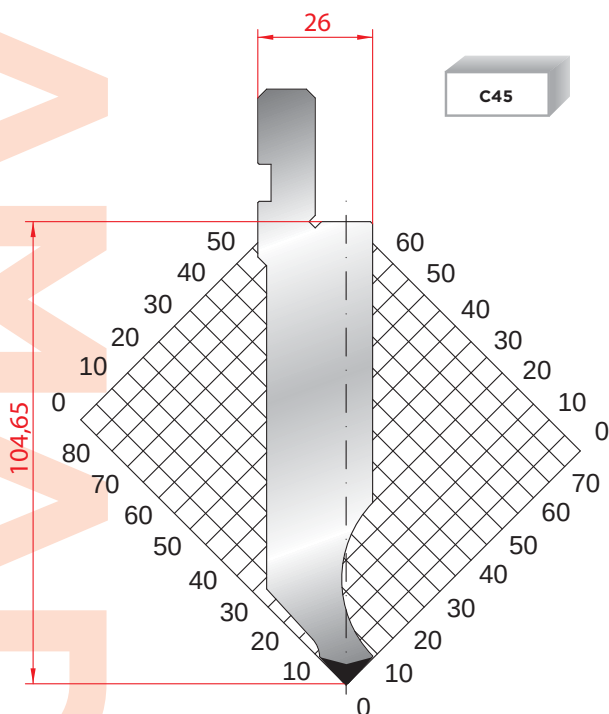
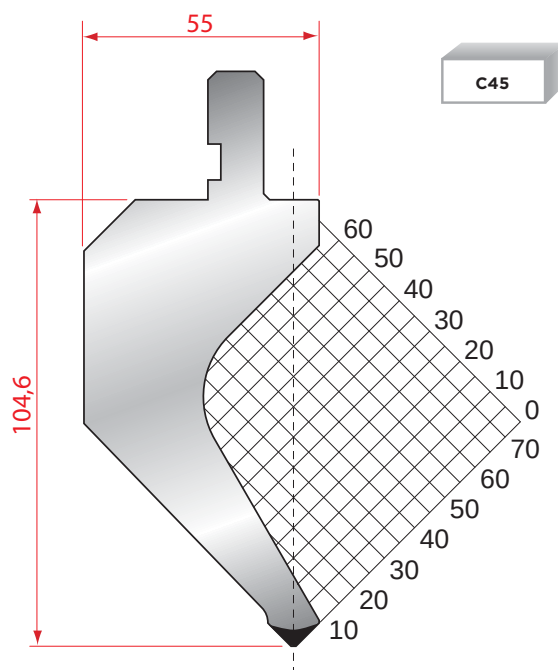
PUNZONI - 88° / PUNCHES - 88°

**1290** $\alpha=88^\circ$ R=0.6 H=89.70 Max T/m=30**1030** $\alpha=88^\circ$ R=0.8 H=145.00 Max T/m=80**1022** $\alpha=88^\circ$ R=0.8 H=86.00 Max T/m=100**1023** $\alpha=88^\circ$ R=3 H=84.85 Max T/m=100

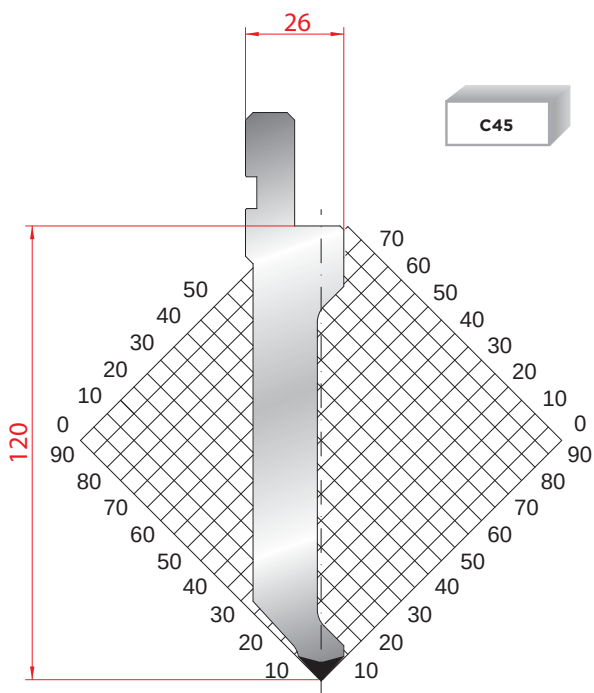
PUNZONI - 88° / PUNCHES - 88°



PUNZONI - 85° / PUNCHES - 85°

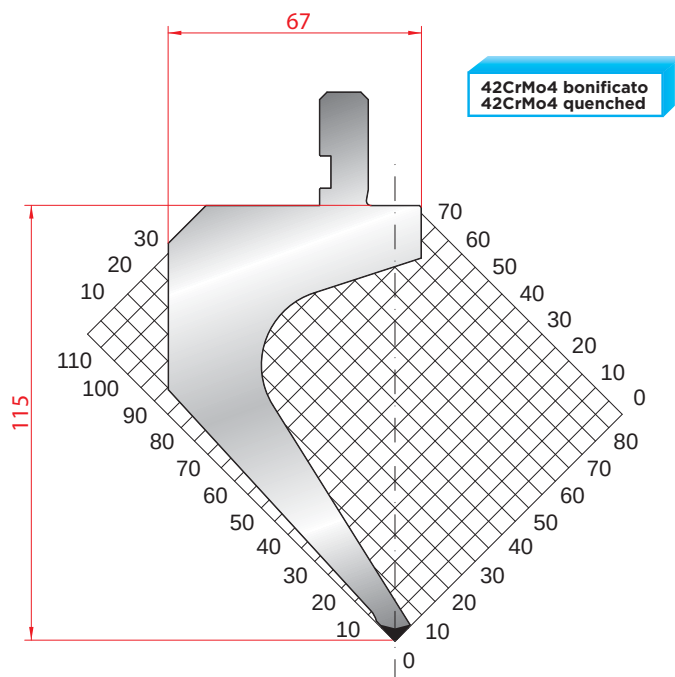
**1177** $\alpha=85^\circ$ **R=3** **H=65.50** **Max T/m=100****1260** $\alpha=85^\circ$ **R=0.8** **H=66.60** **Max T/m=100****1281** $\alpha=85^\circ$ **R=0.8** **H=104.65** **Max T/m=100****1172** $\alpha=85^\circ$ **R=0.8** **H=104.6** **Max T/m=50**

PUNZONI - 85° / PUNCHES - 85°



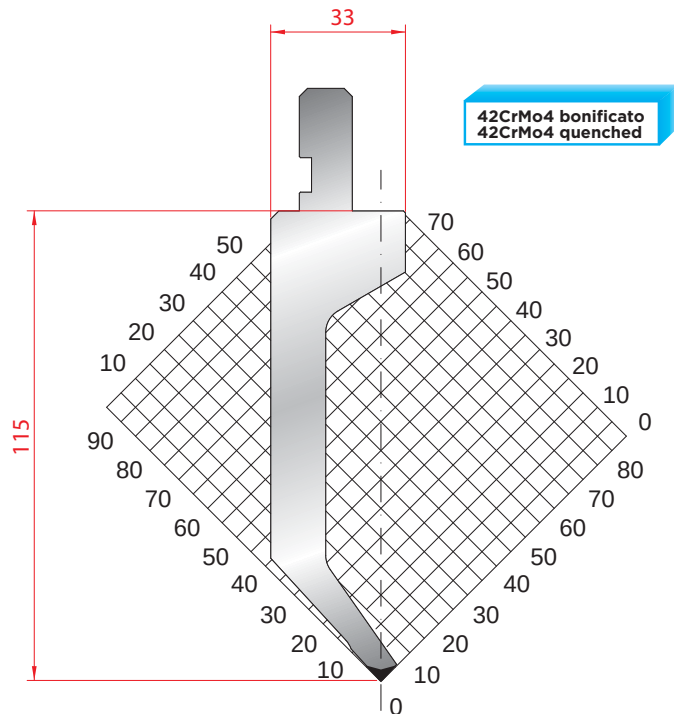
1309

$\alpha=85^\circ$ R=0.8 H=120.00 Max T/m=70



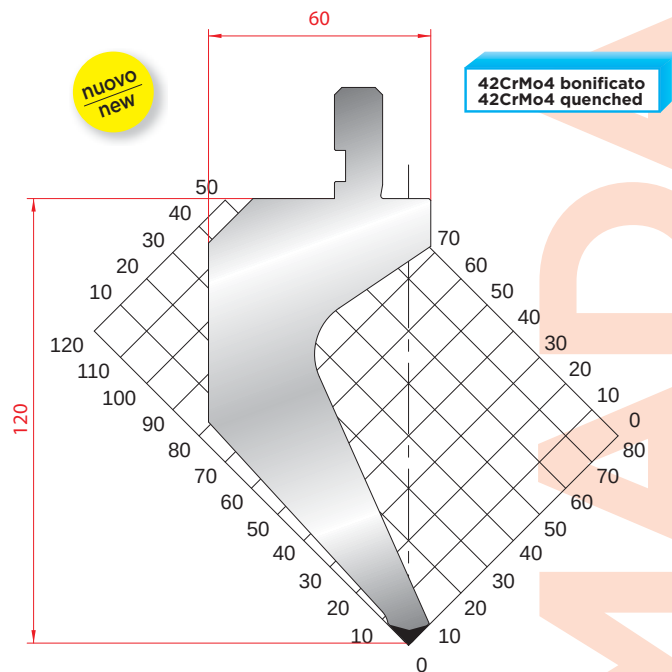
1310

$\alpha=85^\circ$ R=0.8 H=115.00 Max T/m=35



1312

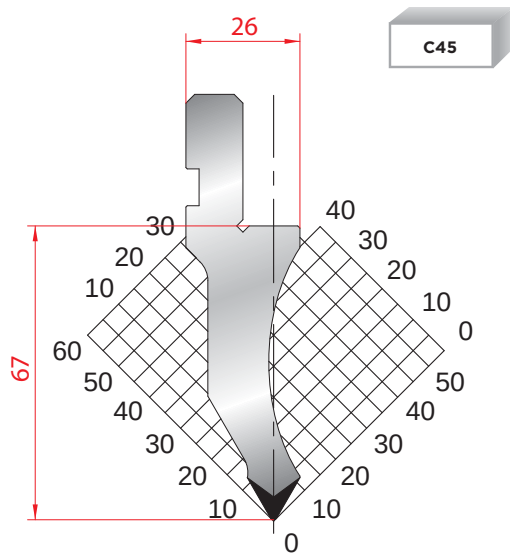
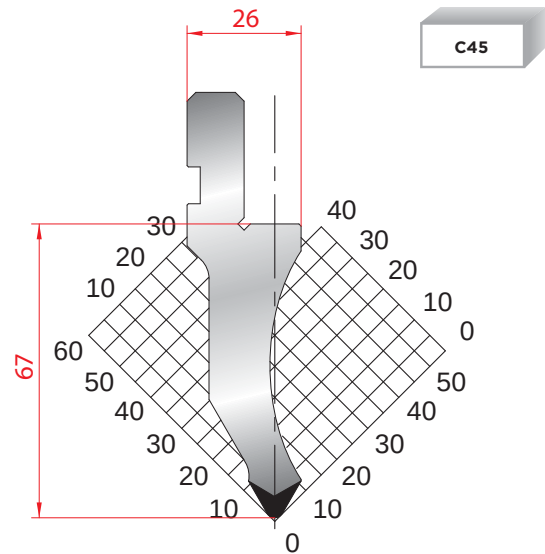
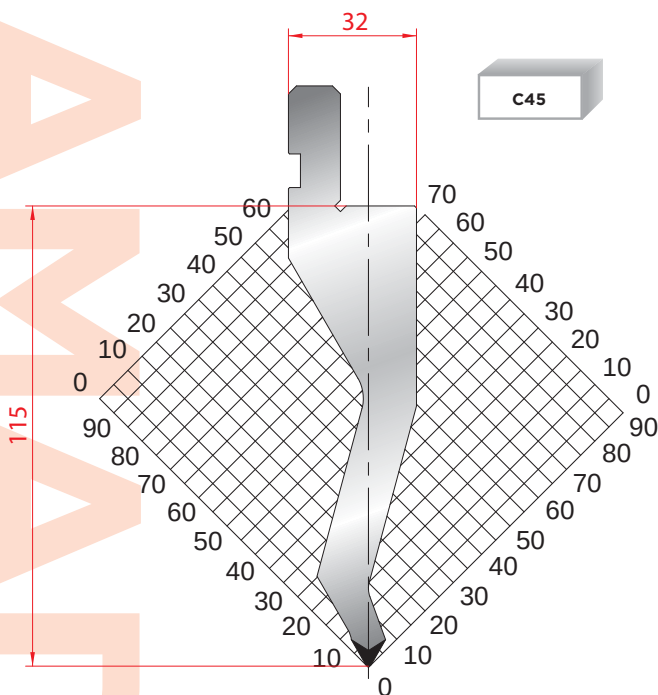
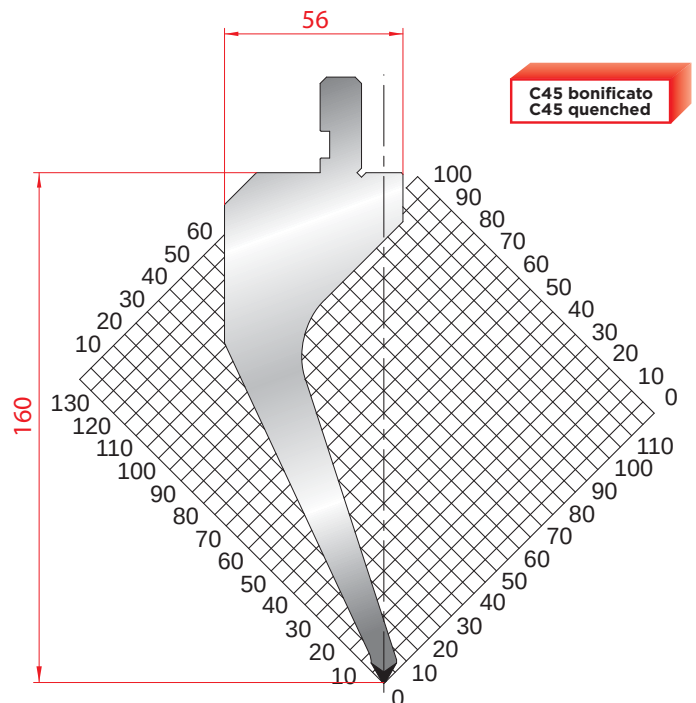
$\alpha=85^\circ$ R=0.6 H=115.00 Max T/m=20



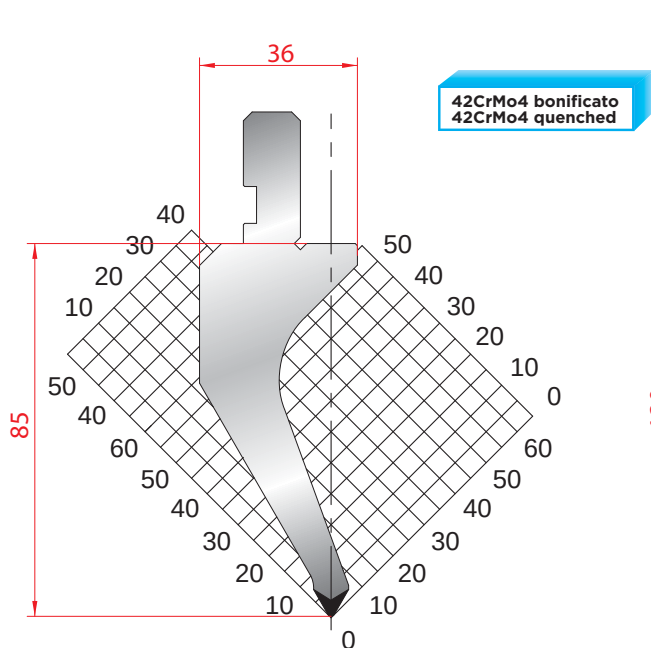
1322

$\alpha=85^\circ$ R=1.5 H=120.00 Max T/m=100

PUNZONI - 60° / PUNCHES - 60°

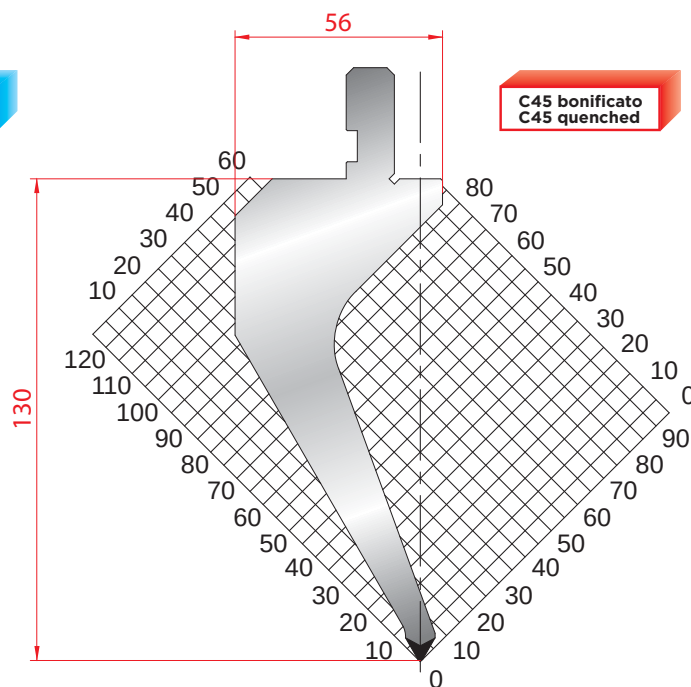
**1026** $\alpha=60^\circ$ R=0.8 H=67.00 Max T/m=80**1027** $\alpha=60$ R=2 H=67.00 Max T/m=80**1191** $\alpha=60$ R=0.8 H=115.00 Max T/m=60**1190** $\alpha=60$ R=0.8 H=160.00 Max T/m=40

PUNZONI - 60° / PUNCHES - 60°



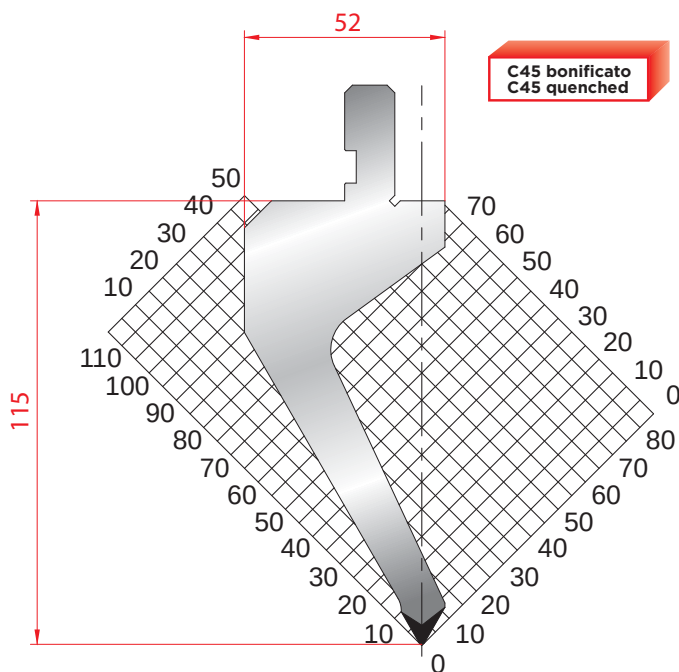
1162

$\alpha=60$ R=0.8 H=85.00 Max T/m=40



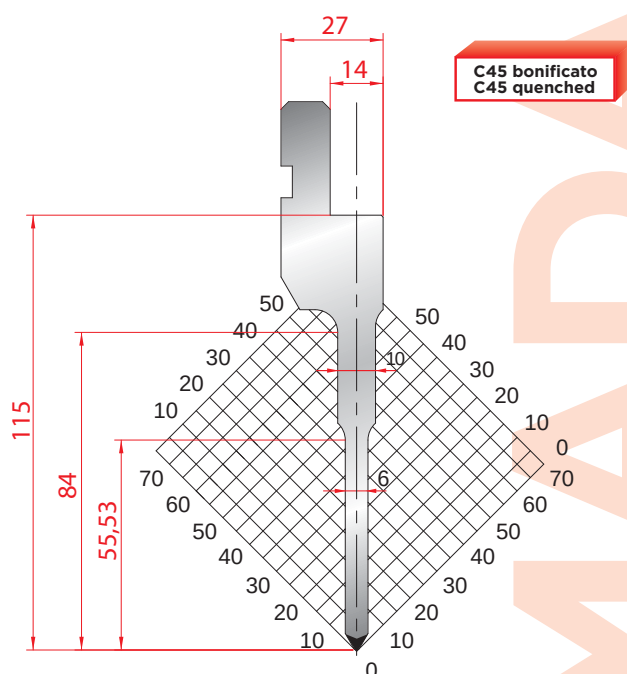
1163

$\alpha=60$ R=0.8 H=130.00 Max T/m=40



1272

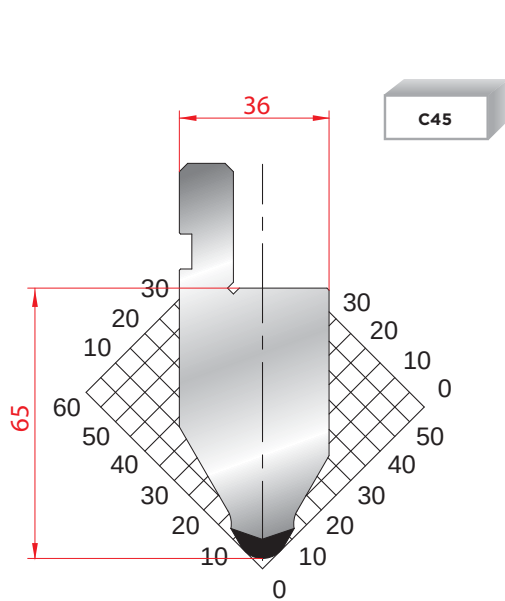
$\alpha=60$ R=0.8 H=115.00 Max T/m=40



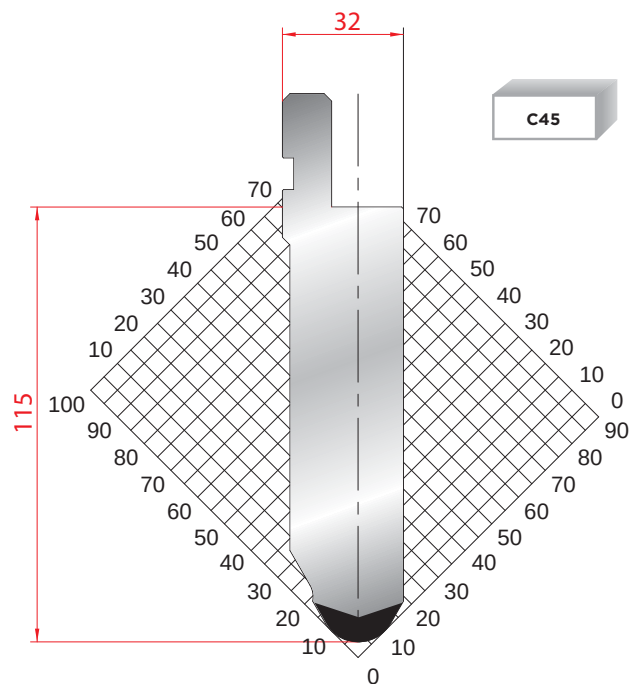
1271

$\alpha=60$ R=0.8 H=115.00 Max T/m=50

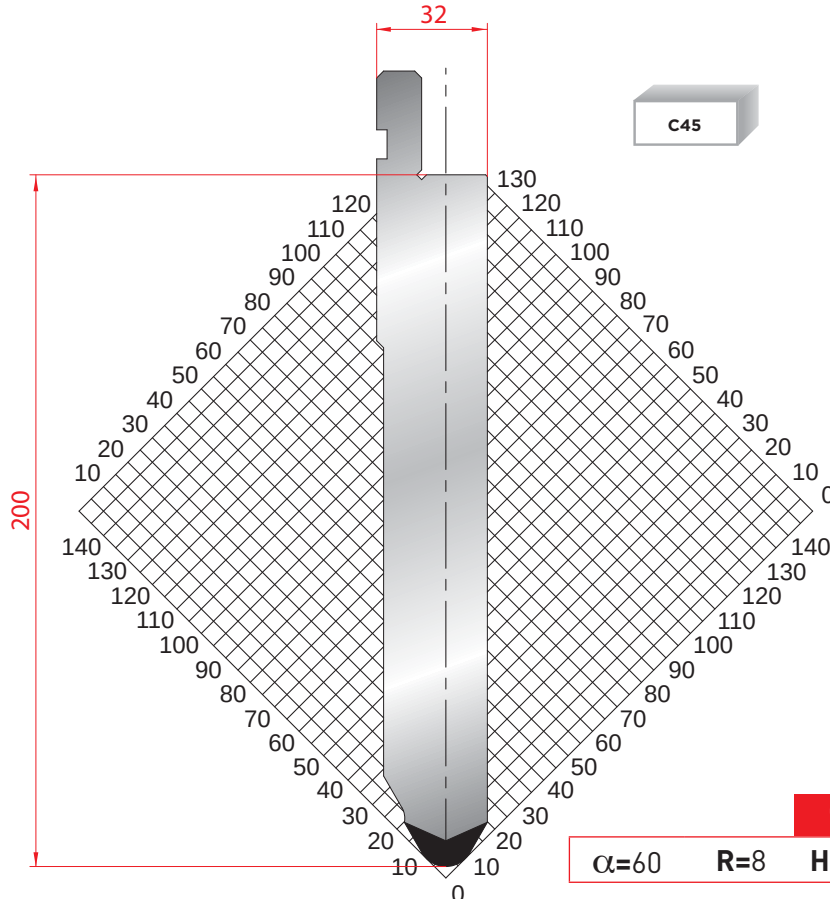
PUNZONI - 60° / PUNCHES - 60°

**1032**

$\alpha=60$	R=6	H=65.00	Max T/m=120
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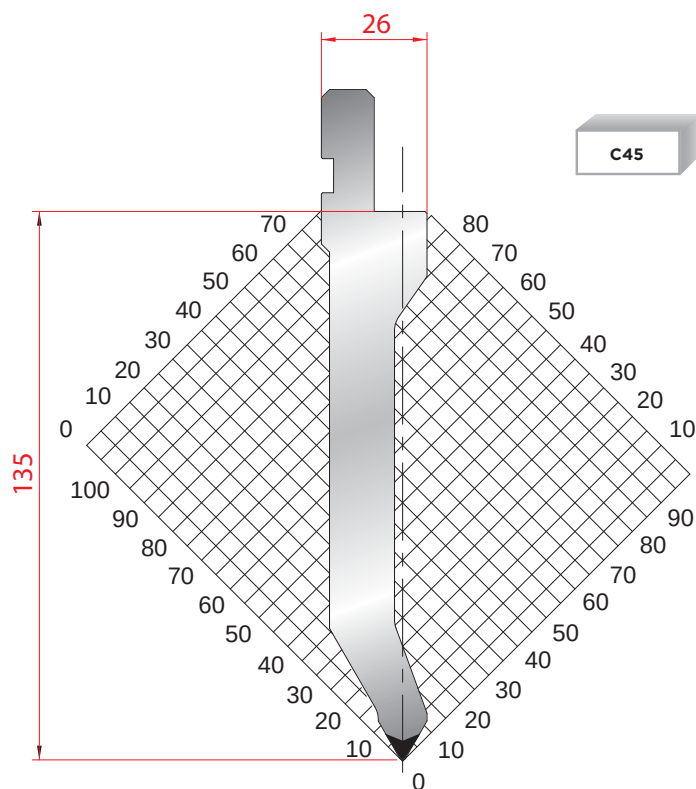
**1283**

$\alpha=60$	R=10	H=115.00	Max T/m=150
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**1293**

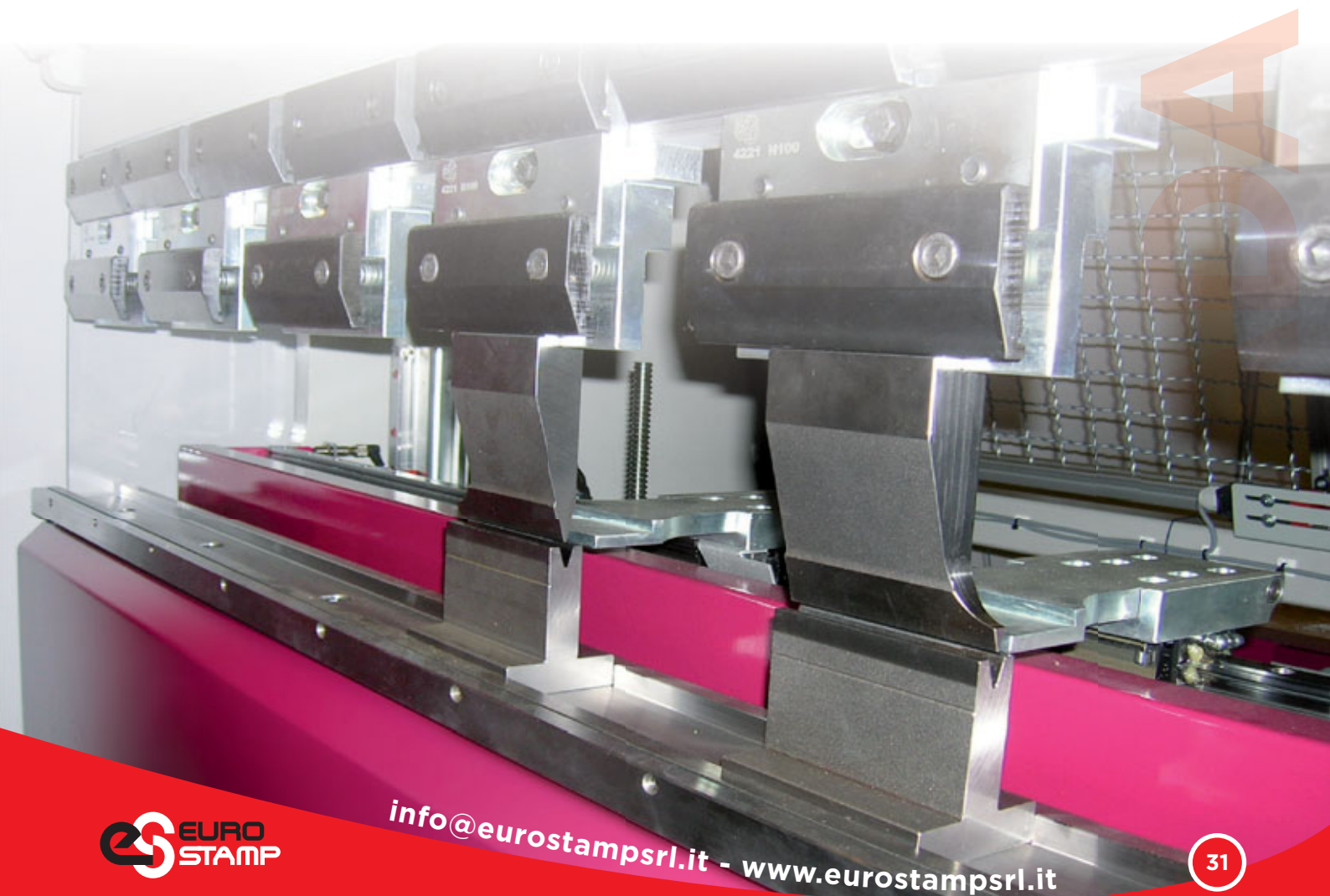
$\alpha=60$	R=8	H=200.00	Max T/m=150
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PUNZONI - 60° / PUNCHES - 60°

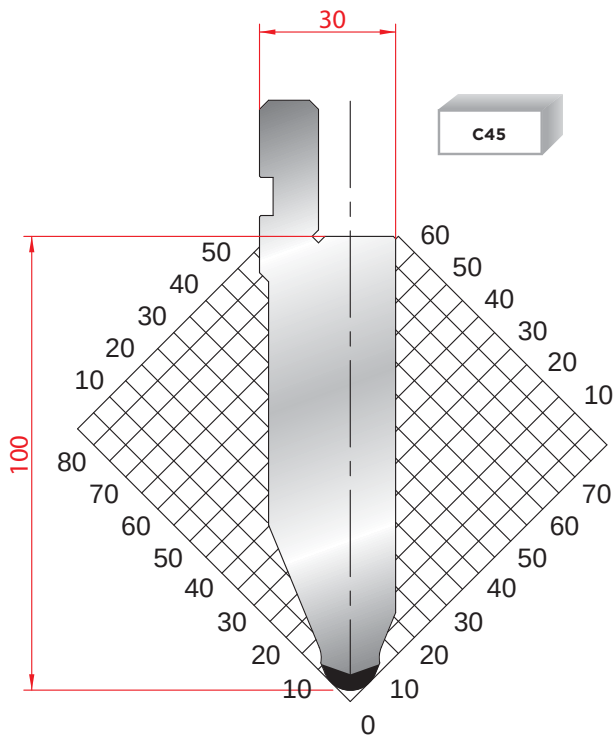
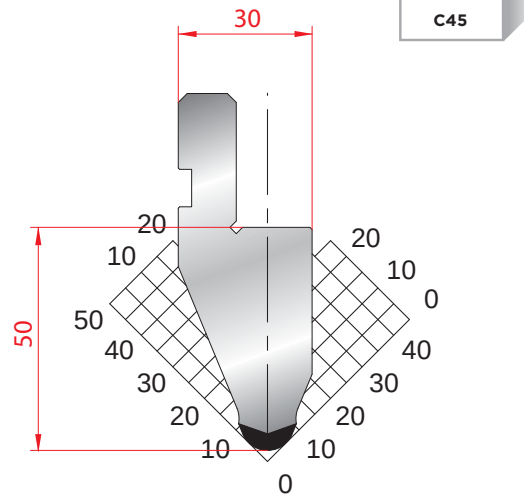
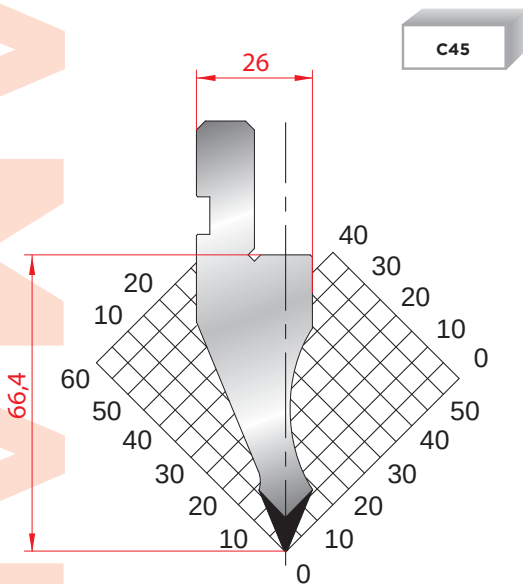
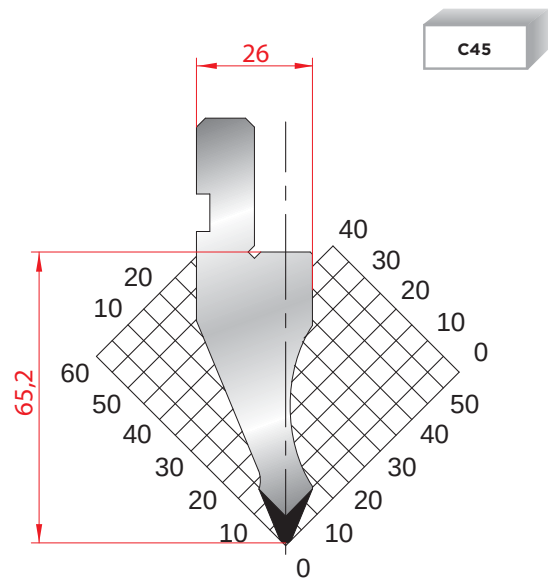


1284

$\alpha=60^\circ$ R=0.8 H=135.00 Max T/m=70

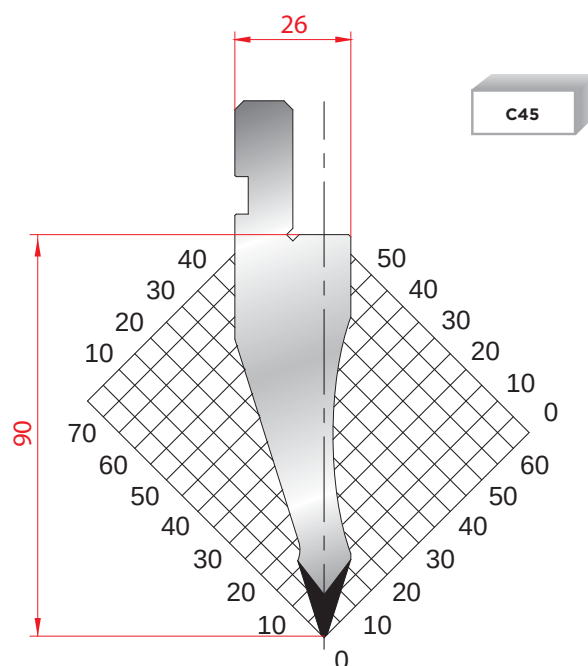
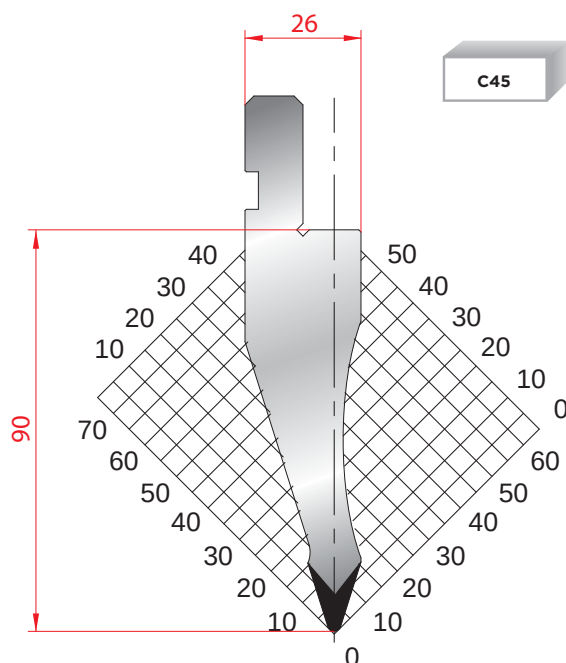


PUNZONI - 45° / PUNCHES - 45°

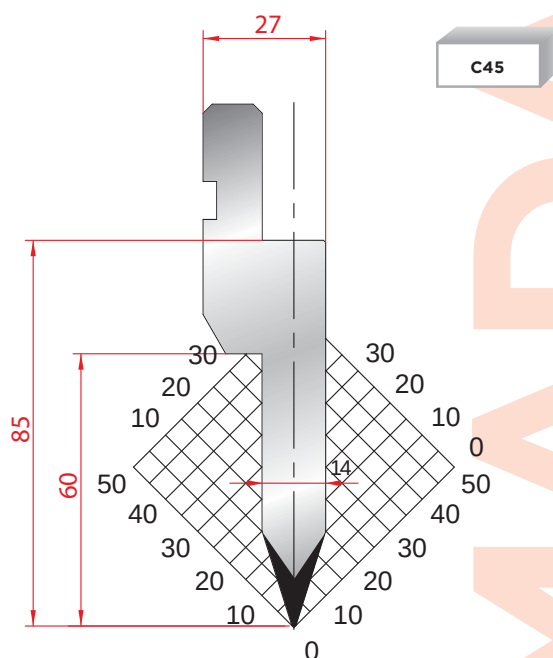
**1053** $\alpha=45^\circ$ **R=6** **H=100.00** **Max T/m=100****1054** $\alpha=45^\circ$ **R=6** **H=50.00** **Max T/m=100****1024** $\alpha=45^\circ$ **R=0.5** **H=66.40** **Max T/m=80****1025** $\alpha=45^\circ$ **R=1.5** **H=65.20** **Max T/m=80**

Technical drawing of a mechanical part on a grid. The part is a vertical shaft with a stepped top and a pointed bottom. Dimensions are given in mm: total height 80, top width 26, and various radii and offsets (40, 30, 20, 10, 50, 60, 70). A material label 'C45' is in the top right corner.

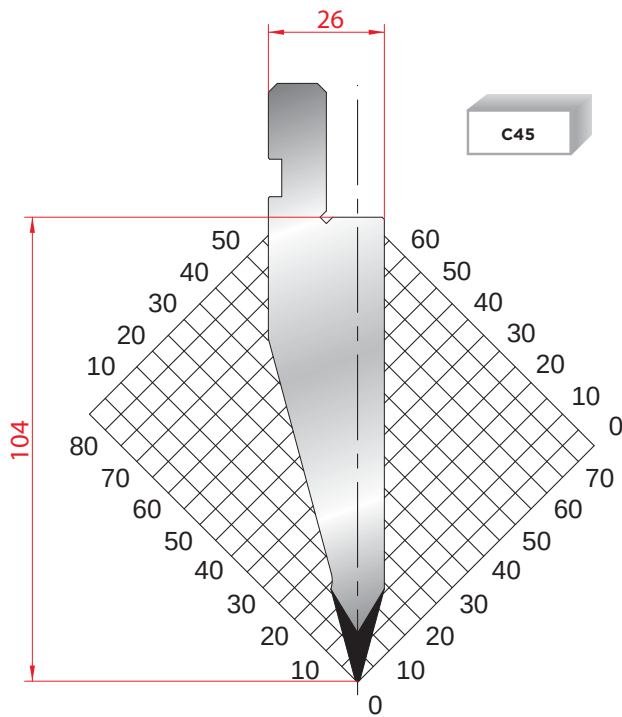
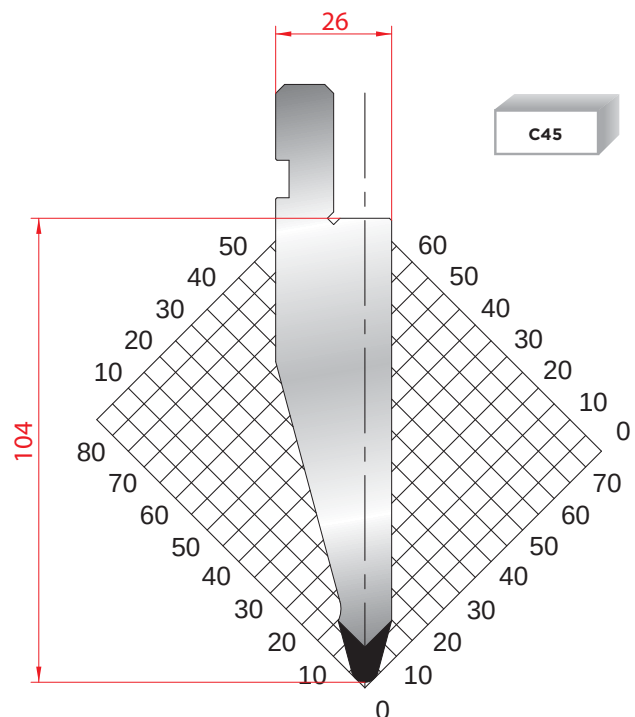
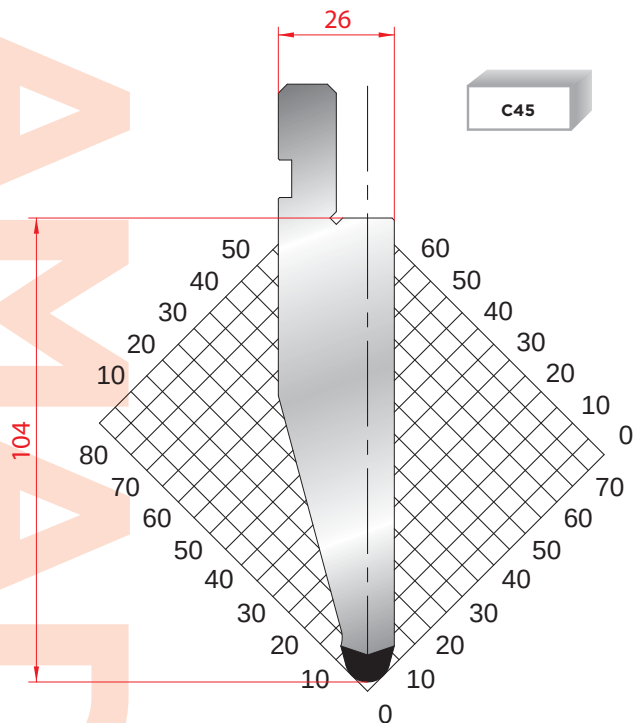
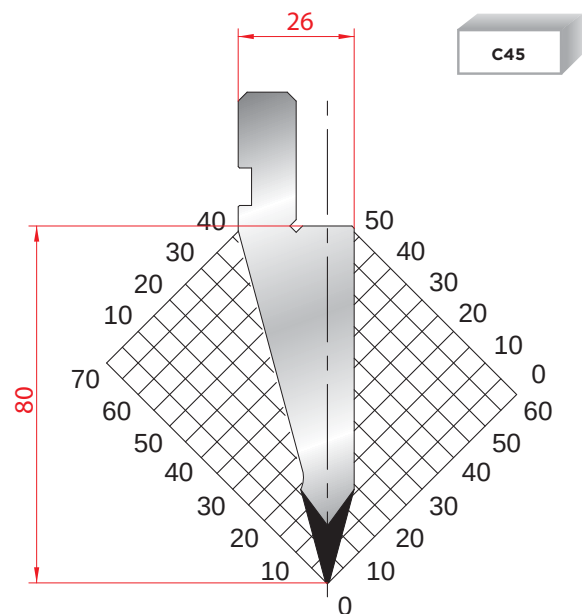
$\alpha=35^\circ$ $R=0.5$ $H=80.00$ **Max T/m=70**

 $\alpha=35^\circ$ $R=0.8$ $H=90.00$ **Max T/m=70**

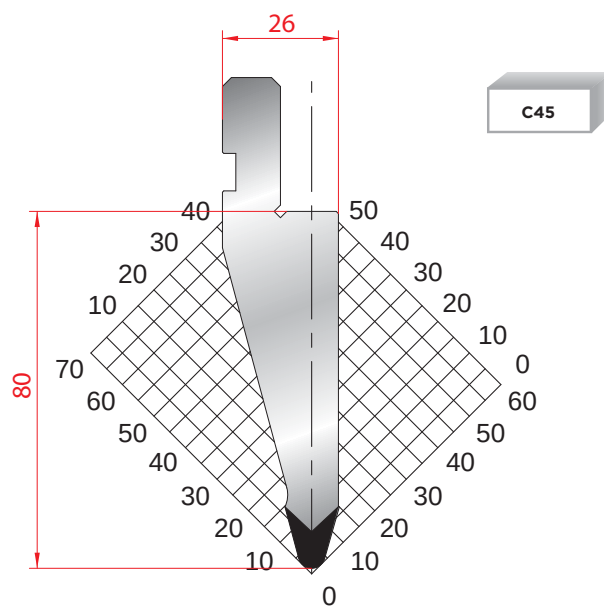
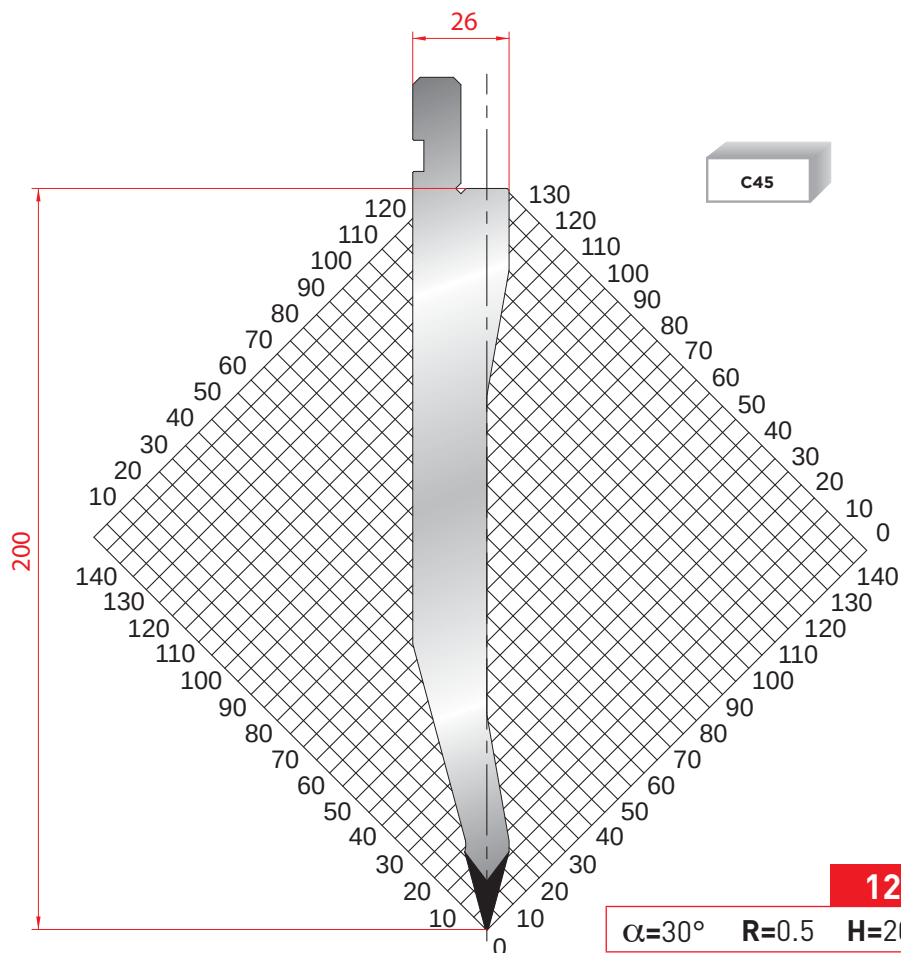
$\alpha=35^\circ$ $R=1.5$ $H=90.00$ **Max T/m=70**

 $\alpha=35^\circ$ $P=0.8$ $H=85.00$ **Max T/m=100**

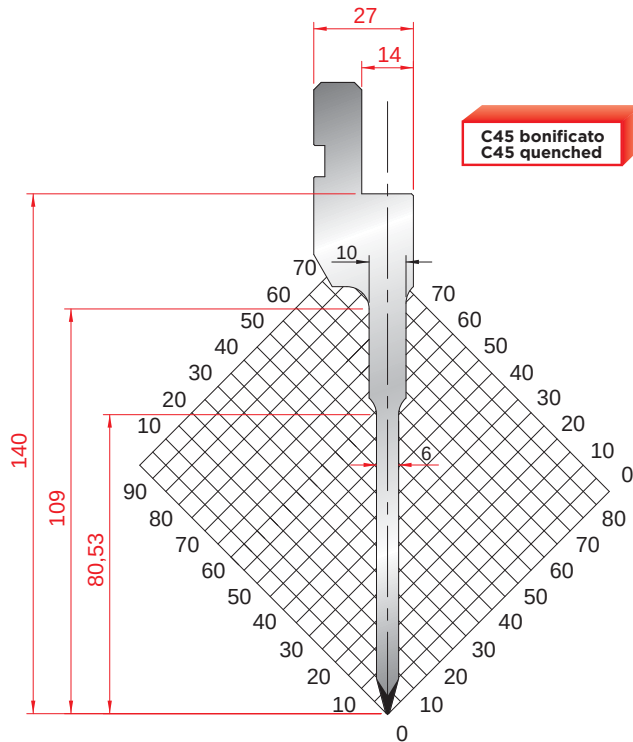
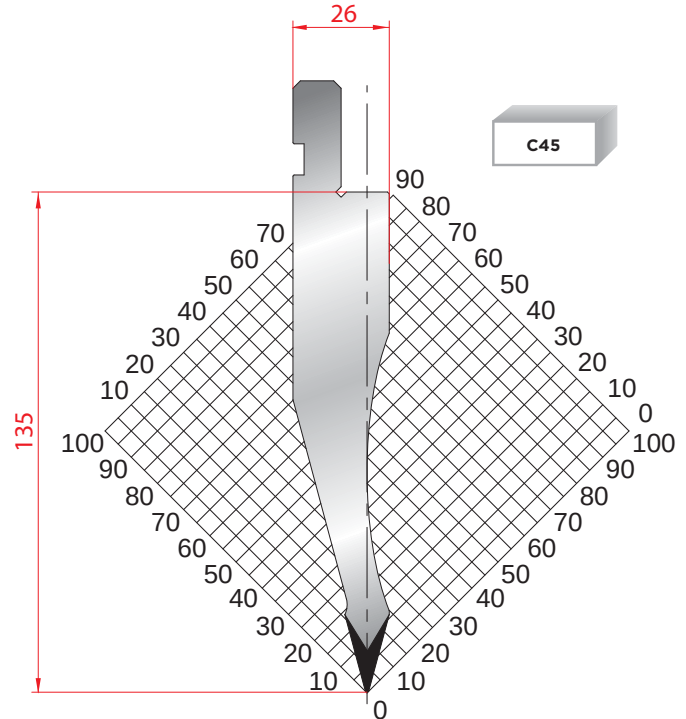
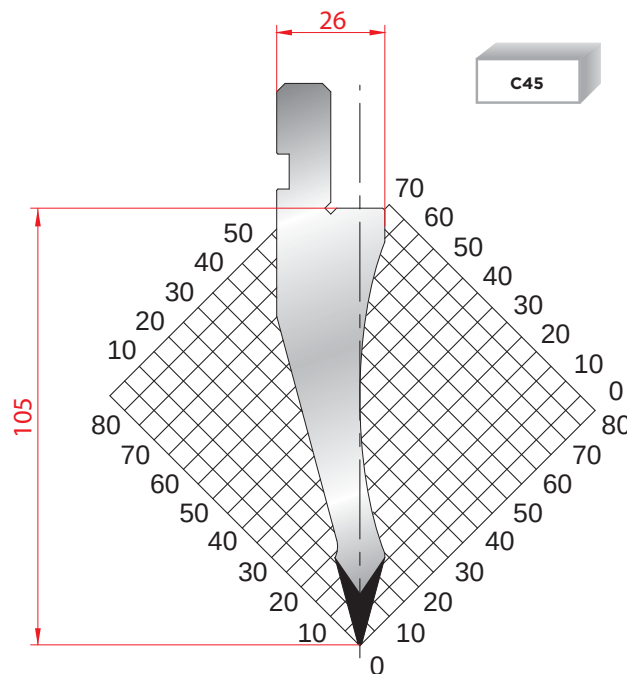
PUNZONI - 30° / PUNCHES - 30°

**1193** $\alpha=30^\circ$ $R=0.6$ $H=104.00$ $\text{Max T/m}=100$ **1289** $\alpha=30^\circ$ $R=3$ $H=104.00$ $\text{Max T/m}=100$ **1194** $\alpha=30^\circ$ $R=5$ $H=104.00$ $\text{Max T/m}=100$ **1056** $\alpha=30^\circ$ $R=0.5$ $H=80.00$ $\text{Max T/m}=100$

PUNZONI - 30° / PUNCHES - 30°

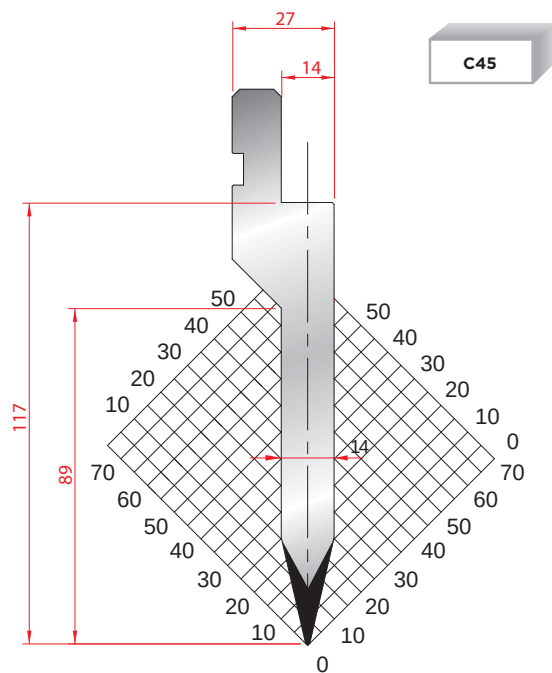
**1057**
 $\alpha=30^\circ$ $R=3$ $H=80.00$ **Max T/m=100**
**1292**
 $\alpha=30^\circ$ $R=0.5$ $H=200.00$ **Max T/m=50**

PUNZONI - 30° / PUNCHES - 30°

**1086** $\alpha=30^\circ$ $R=0.6$ $H=140.00$ $\text{Max T/m}=40$ **1052** $\alpha=30^\circ$ $R=0.5$ $H=135.00$ $\text{Max T/m}=50$ **1055** $\alpha=30^\circ$ $R=0.5$ $H=105.00$ $\text{Max T/m}=50$

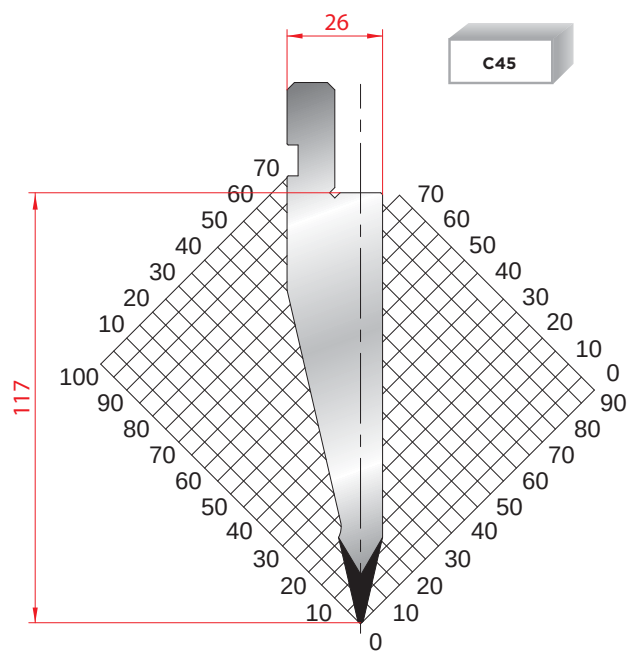
AMADA

PUNZONI - 26° / PUNCHES - 26°



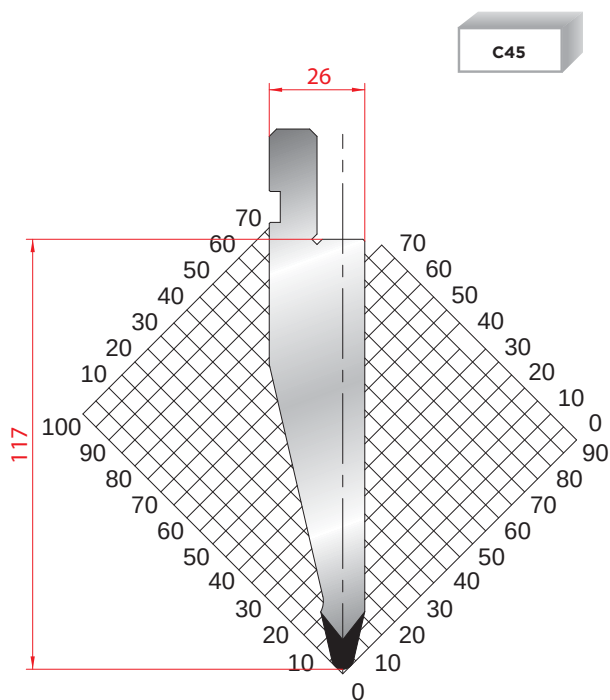
1033

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



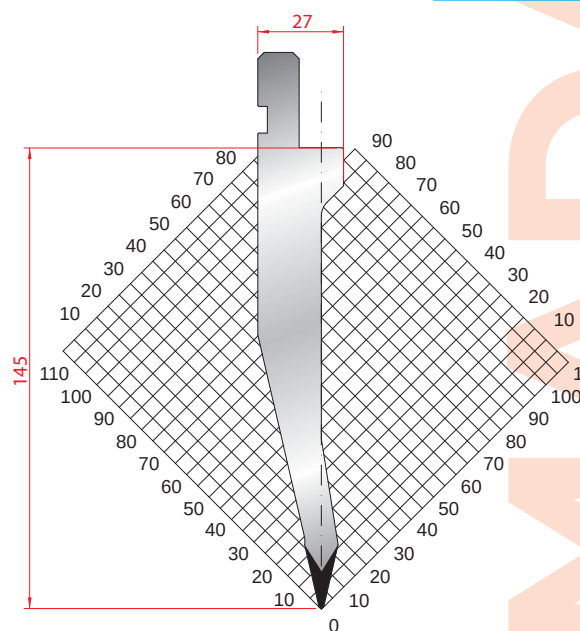
1178

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



1192

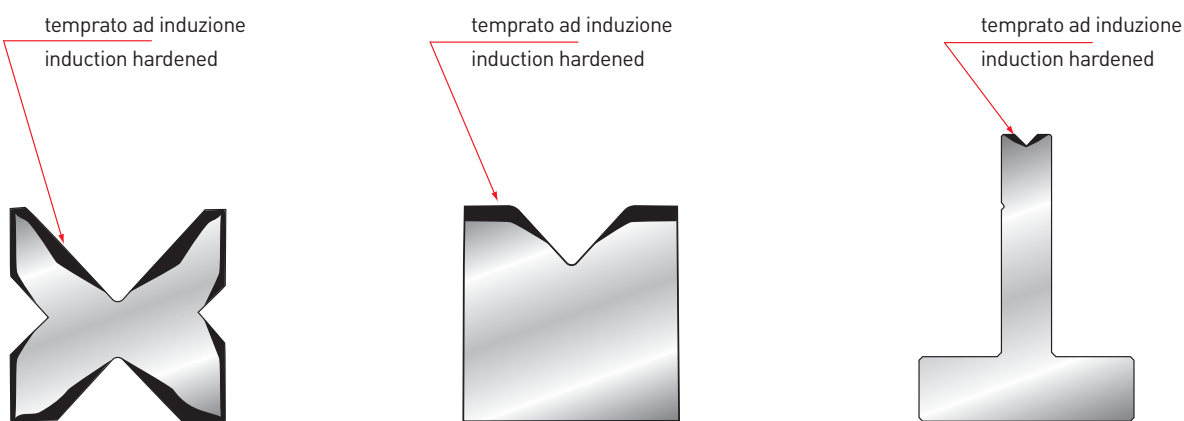
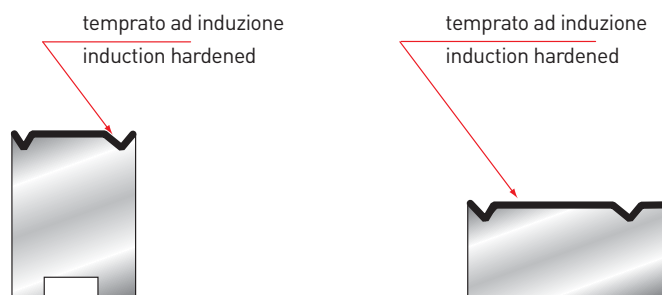
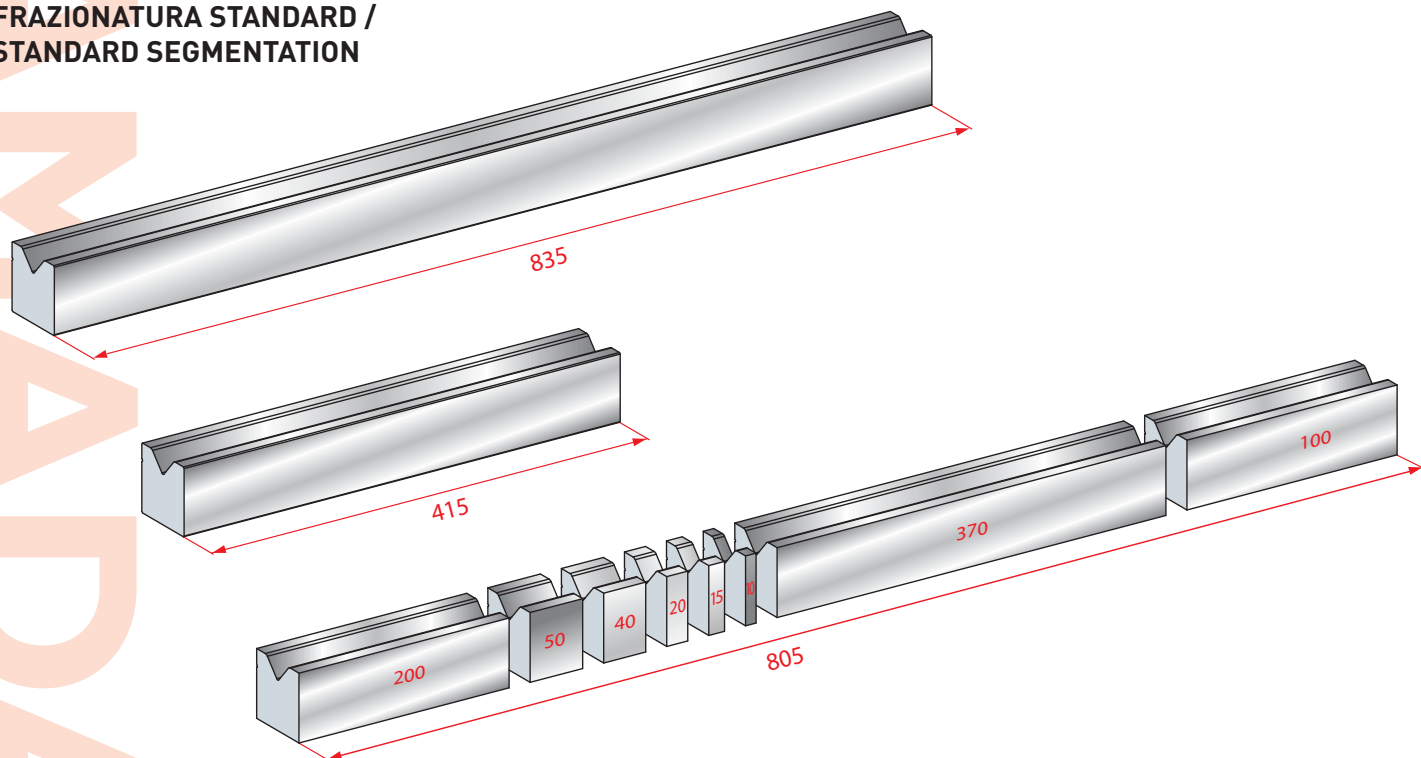
$\alpha=26^\circ$ R=3 H=117.00 Max T/m=100



1311

$\alpha=26^\circ$ R=0.8 H=145.00 Max T/m=100

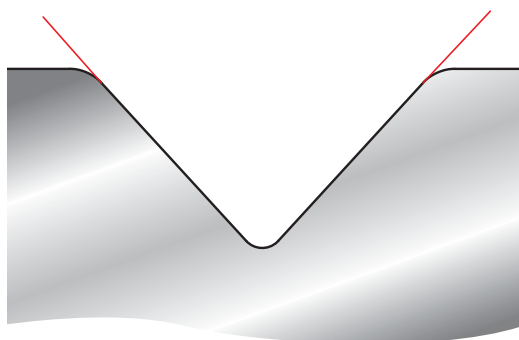
MATRICI / DIES

LUNGHEZZE STANDARD /
STANDARD LENGTHSFRAZIONATURA STANDARD /
STANDARD SEGMENTATION

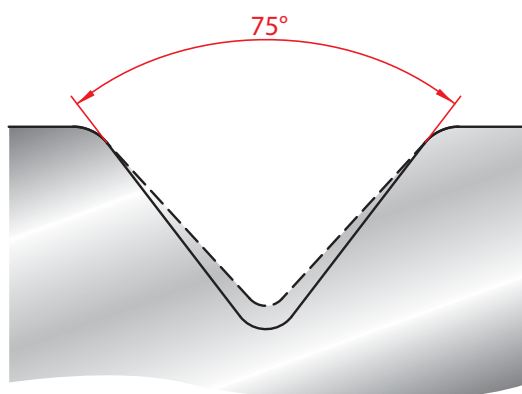
MODIFICHE A RICHIESTA / MODIFICATIONS ON REQUEST



**TAGLI A RICHIESTA /
SPECIAL SEGMENTATION**



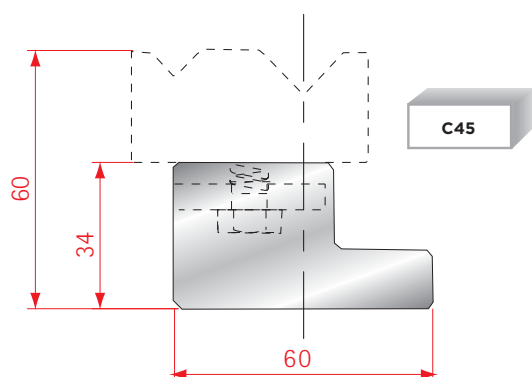
**MODIFICA RAGGIO /
RADIUS MODIFICATION**



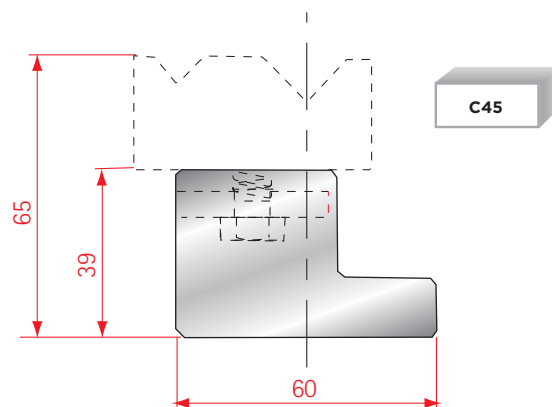
**MODIFICA ANGOLO /
ANGLE MODIFICATION**

AMADA

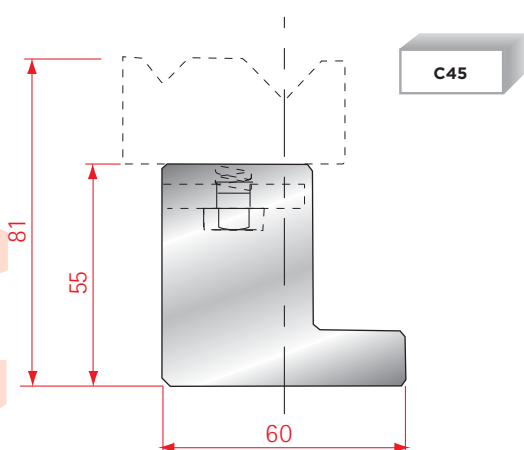
RIALZI PER MATRICI 2V / DIE HOLDERS FOR 2V DIES



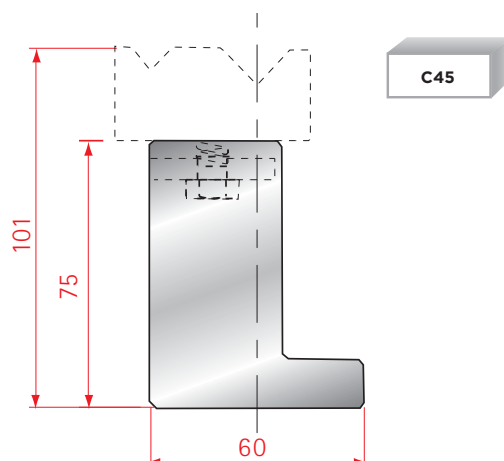
2018



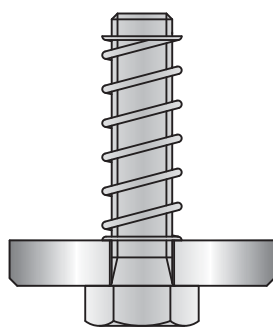
2039



2019



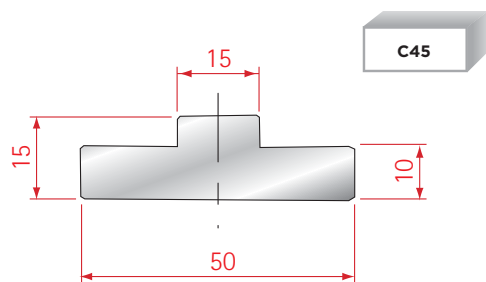
2035



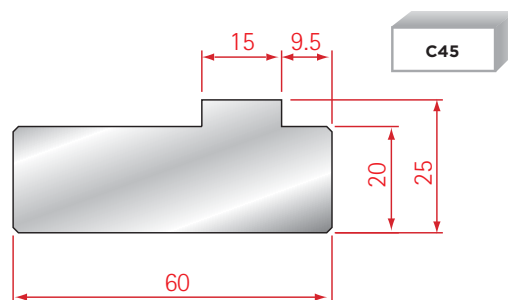
4277

MOLLA + RONDELLA + VITE
SPRING + WASHER + SCREW

RIALZI PER MATRICI AUTOCENTRANTI / DIE HOLDERS FOR SELF-CENTERING DIES

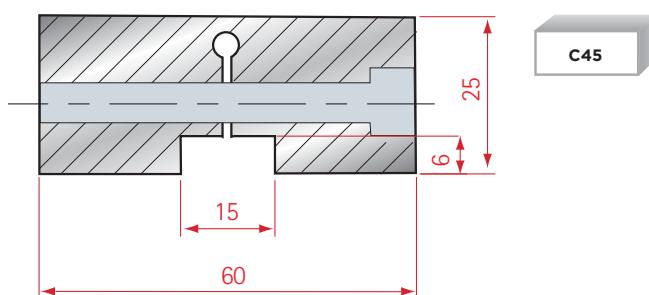


2058



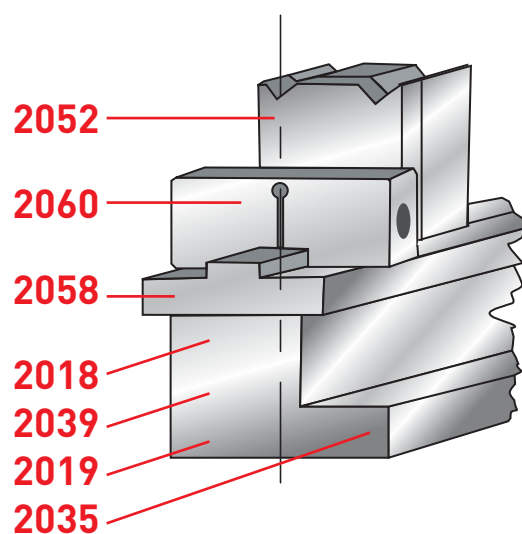
2059

FERMO PER MATRICI AUTOCENTRANTI / FIXED BAR FOR SELF-CENTERING DIES

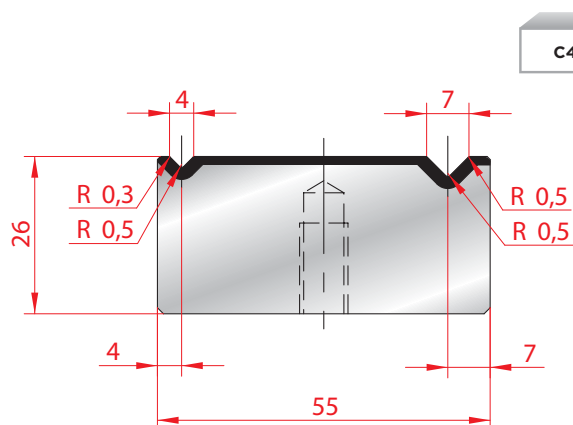


2060

ESEMPIO DI MONTAGGIO / ASSEMBLY EXAMPLE

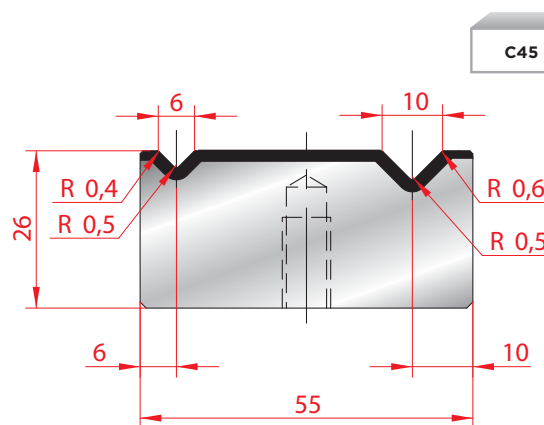


MATRICI 2V - 90° / 2V DIES - 90°



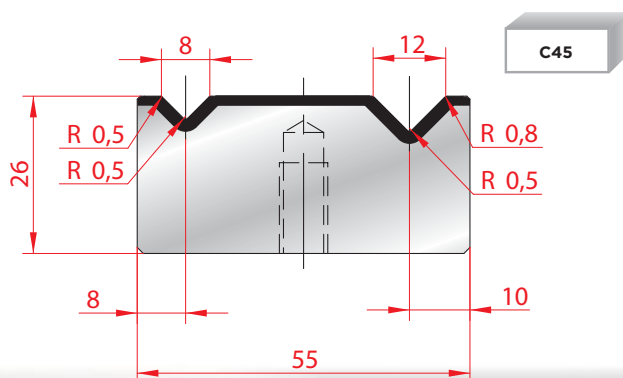
2010

Max T/m=100



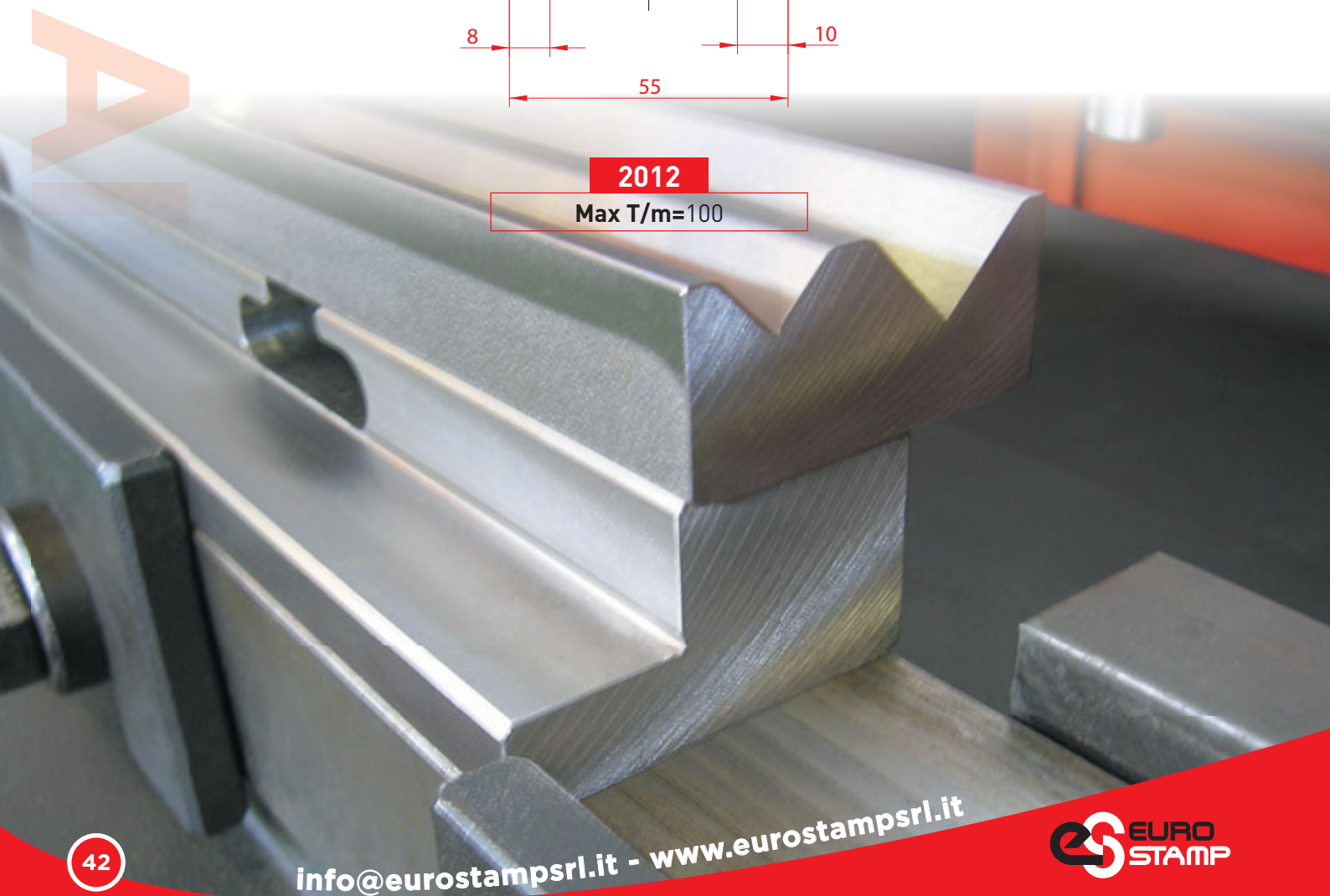
2011

Max T/m=100

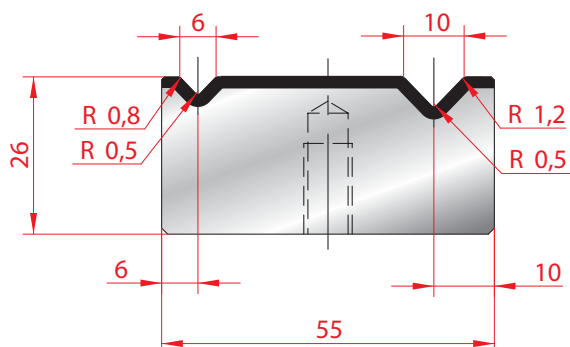


2012

Max T/m=100

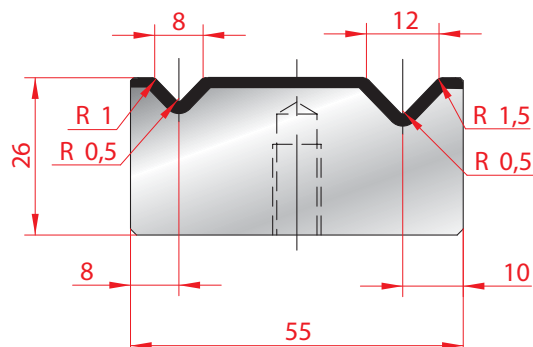


MATRICI 2V - 88° / 2V DIES - 88°



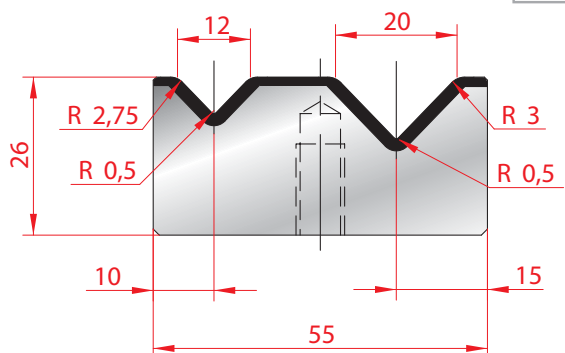
2046

Max T/m=100



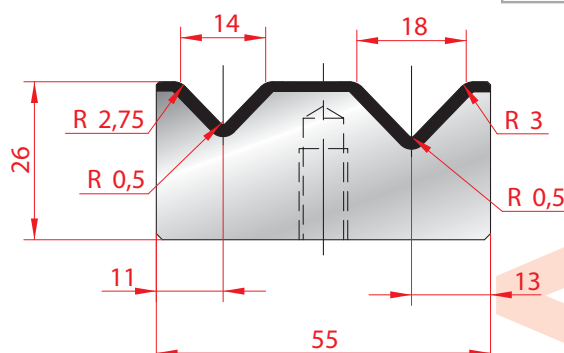
2041

Max T/m=100



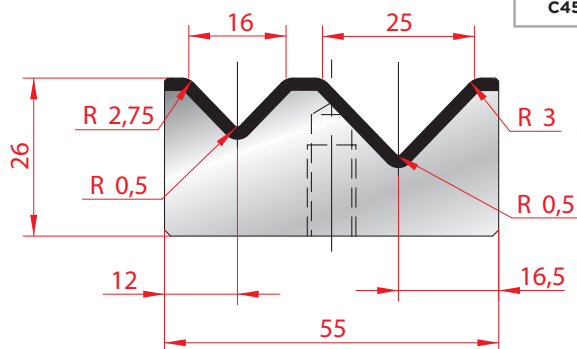
2013

Max T/m=100



2032

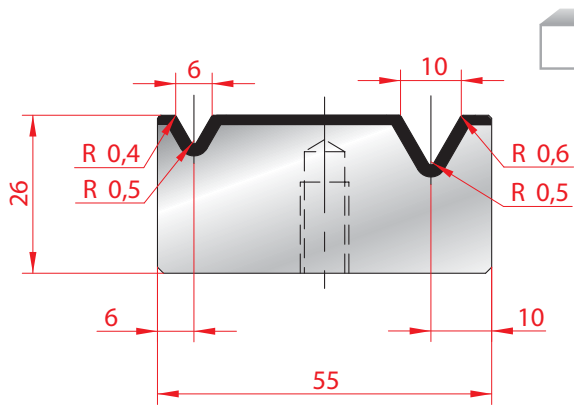
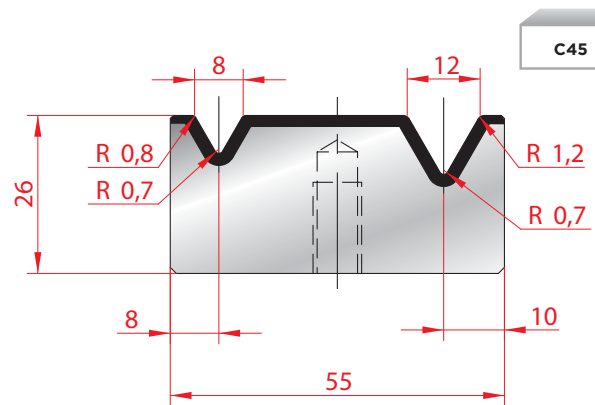
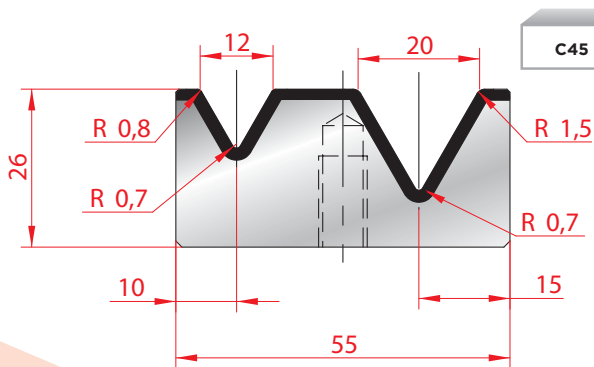
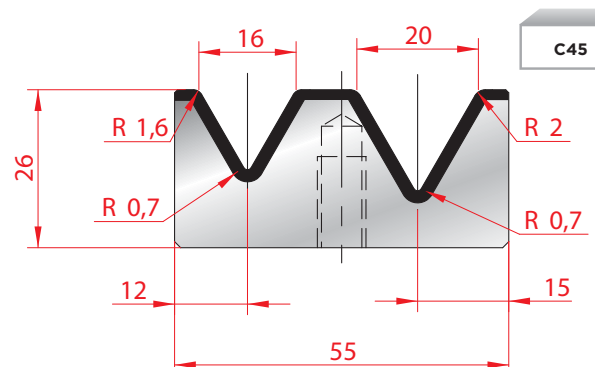
Max T/m=100



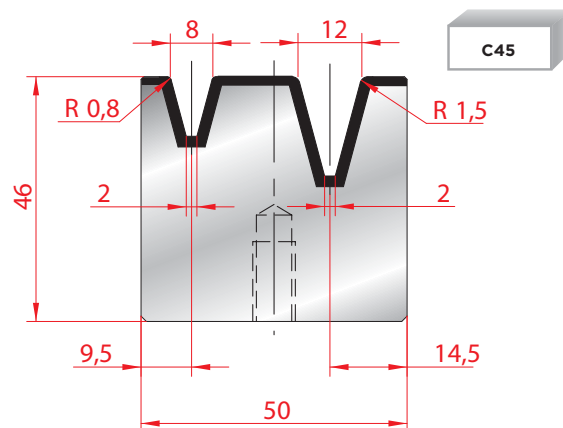
2014

Max T/m=100

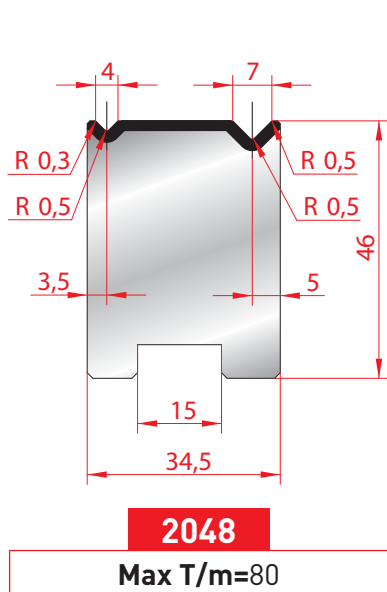
MATRICI 2V - 60° / 2V DIES - 60°

**2015****Max T/m=60****2016****Max T/m=60****2033****Max T/m=60****2017****Max T/m=60**

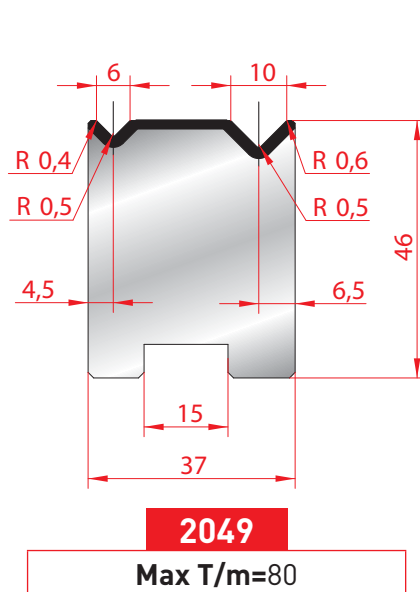
MATRICI 2V - 30° / 2V DIES - 30°

**2047****Max T/m=40**

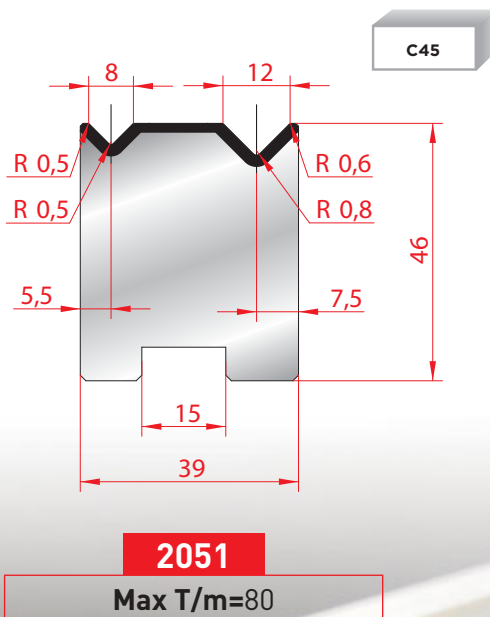
MATRICI 2V AUTOCENTRANTI - 90°/ 2V SELF-CENTERING DIES - 90°



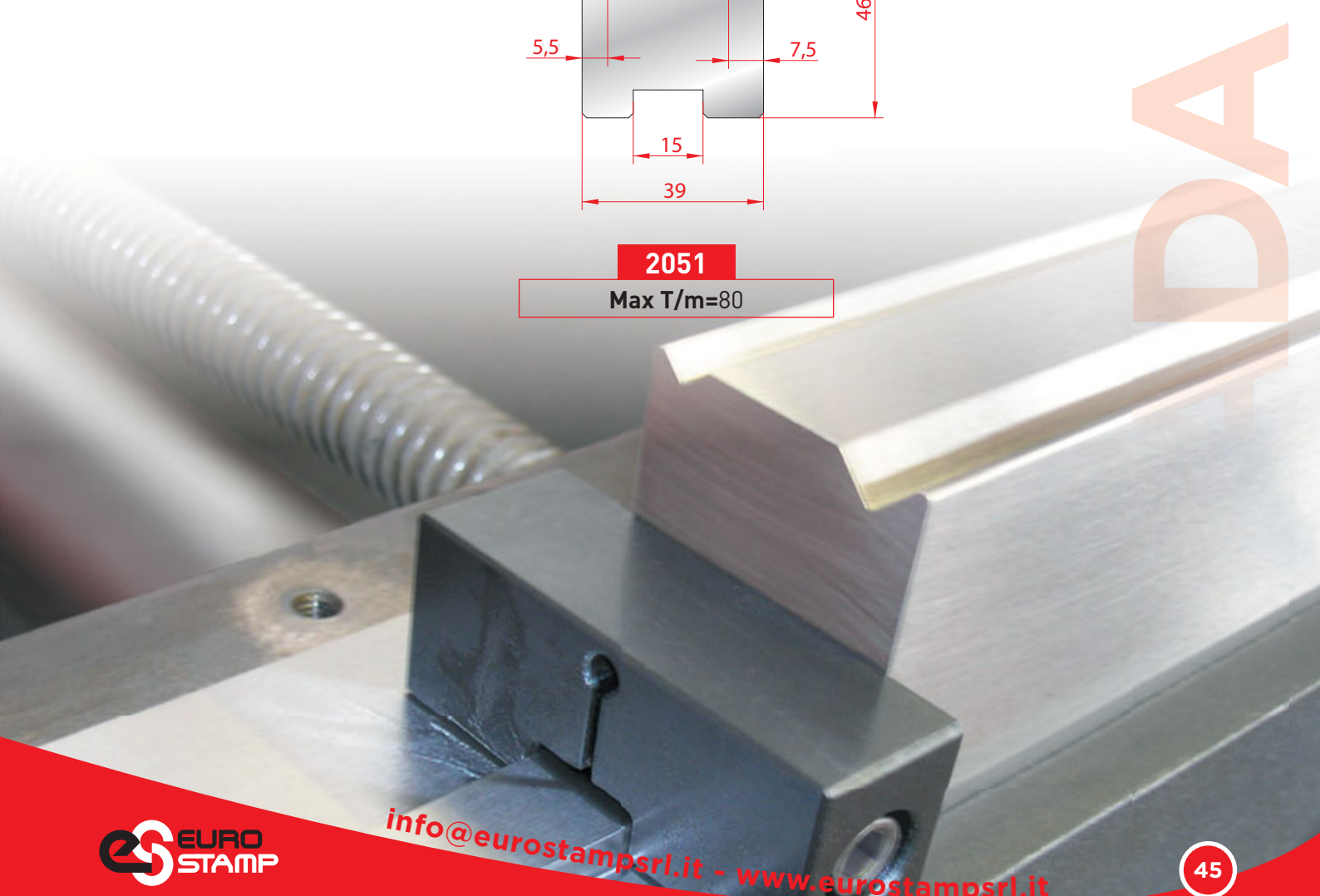
C45



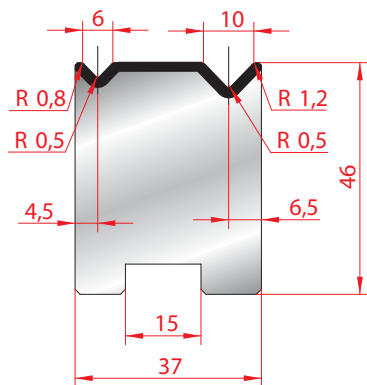
C45



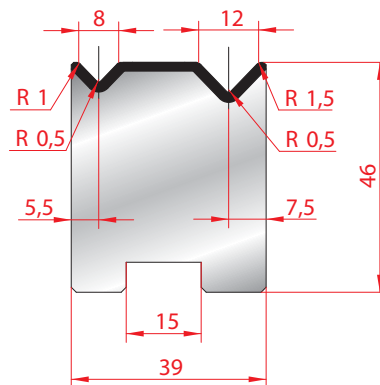
C45



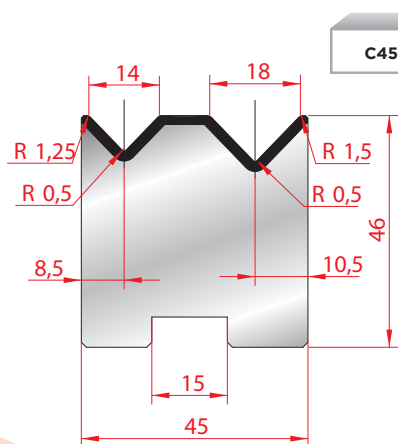
MATRICI 2V AUTOCENTRANTI - 88° / 2V SELF-CENTERING DIES - 88°

**2050**

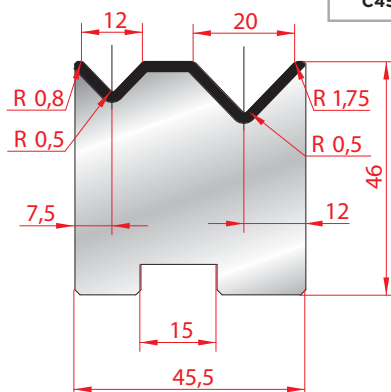
Max T/m=80

**2052**

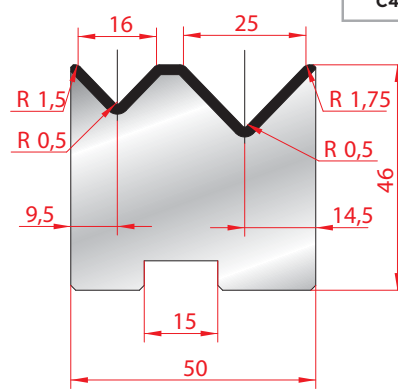
Max T/m=80

**2053**

Max T/m=80

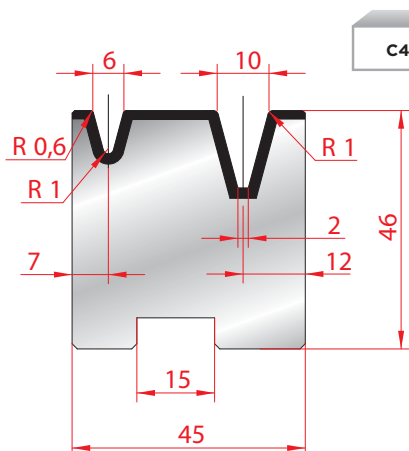
**2054**

Max T/m=80

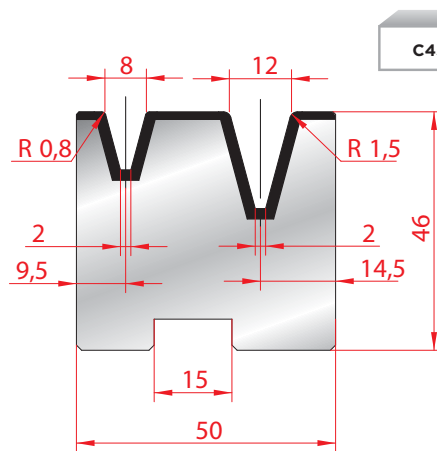
**2055**

Max T/m=80

MATRICI 2V AUTOCENTRANTI - 30° / 2V SELF-CENTERING DIES - 30°

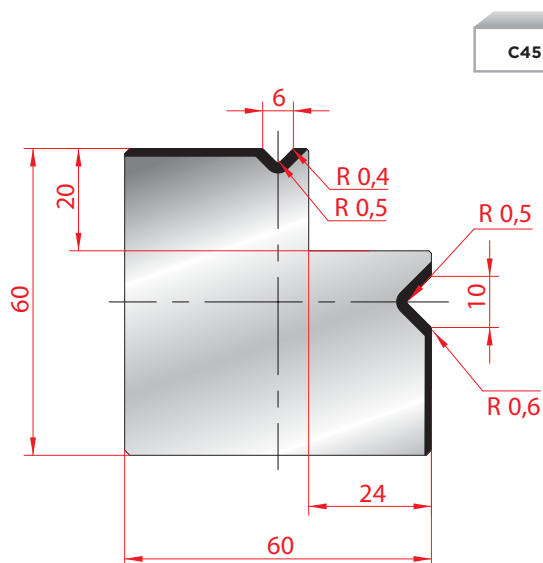
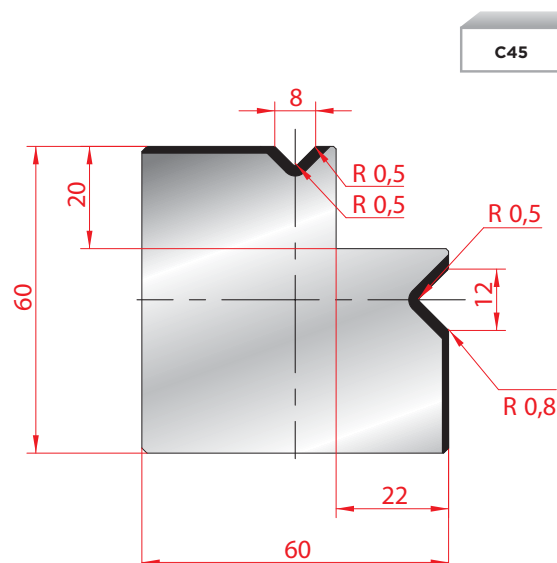
**2057**

Max T/m=40

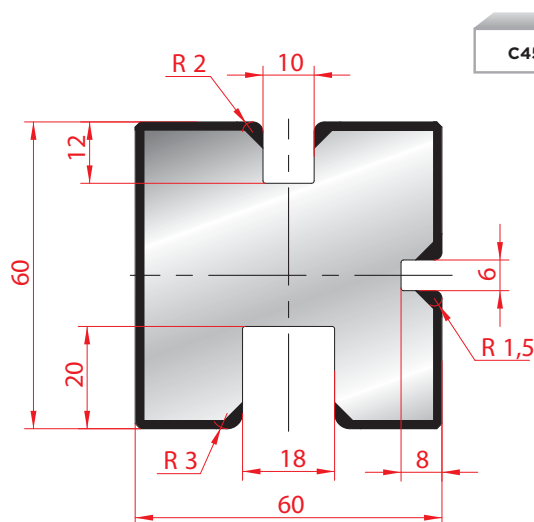
**2056**

Max T/m=40

MATRICI 2V L - 90° / 2V L DIES - 90°

**2028****Max T/m=80****2029****Max T/m=80**

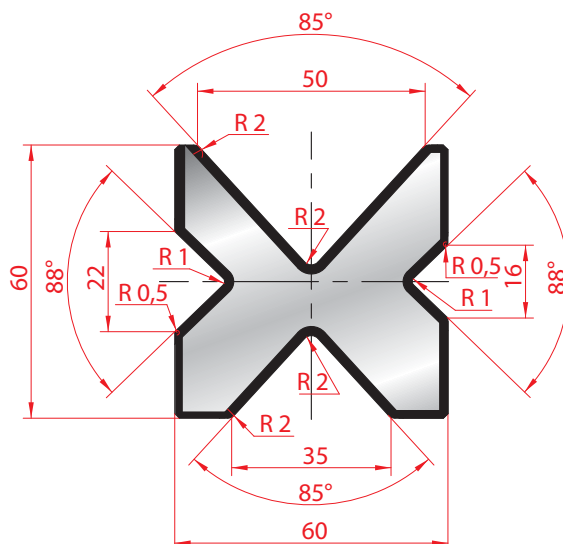
MATRICI 3U / 3U DIES

**2031****Max T/m=100**

AMADA

MATRICI 4V L / 4V L DIES

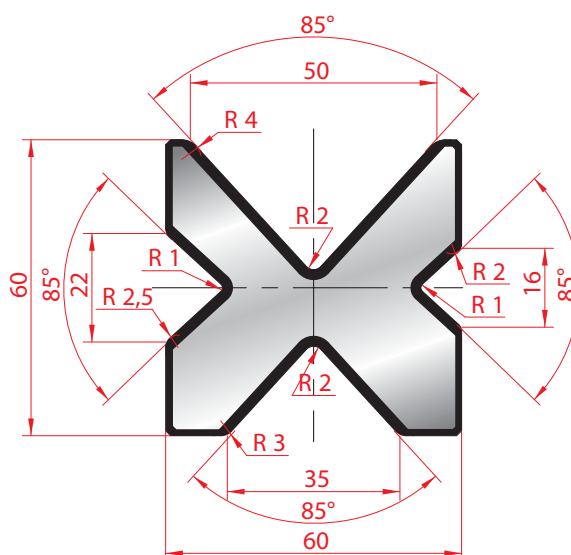
85° - 88°



2030

Max T/m=80

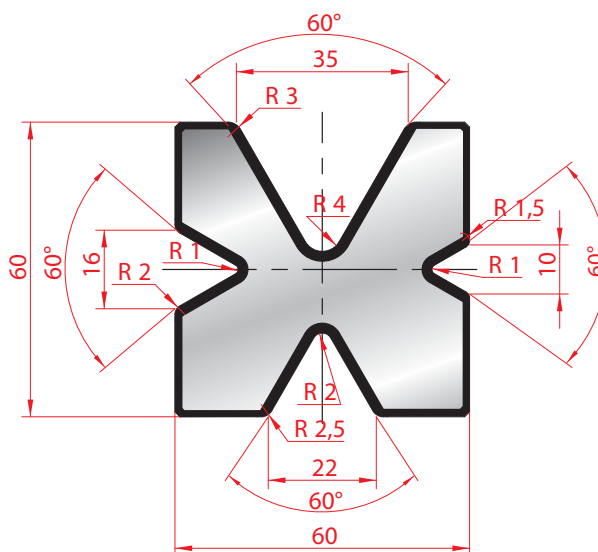
85°



2067

Max T/m=80

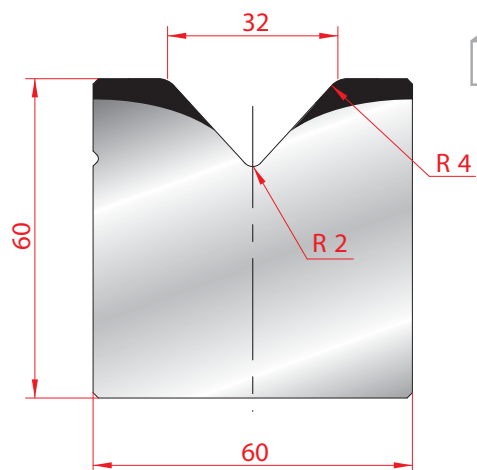
60°



2034

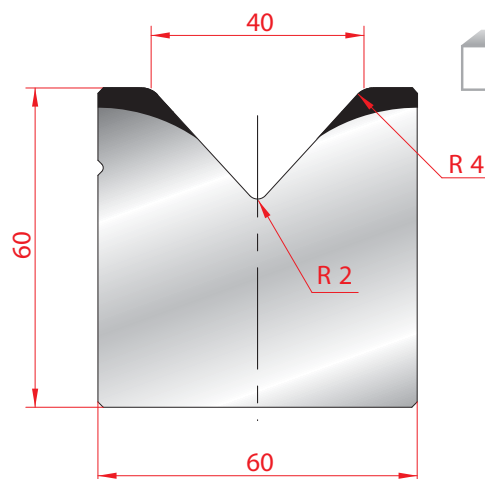
Max T/m=60

MATRICI 1V - 85° / 1V DIES - 85°



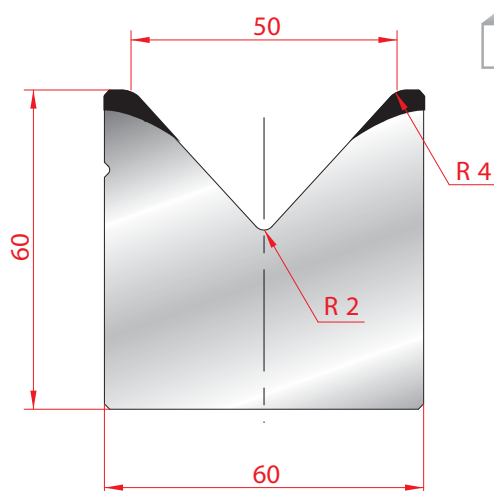
2020

Max T/m=100



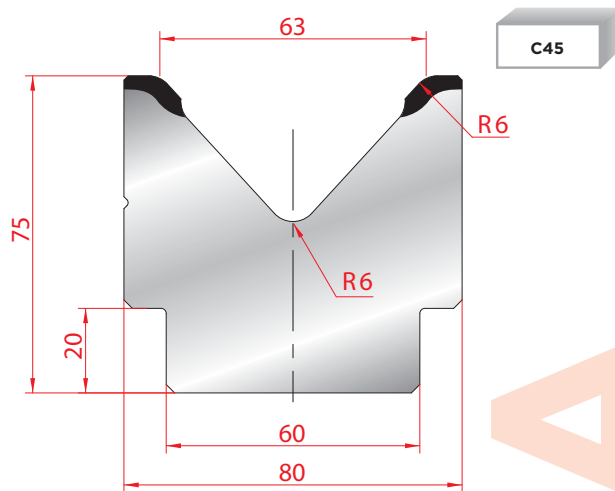
2021

Max T/m=100



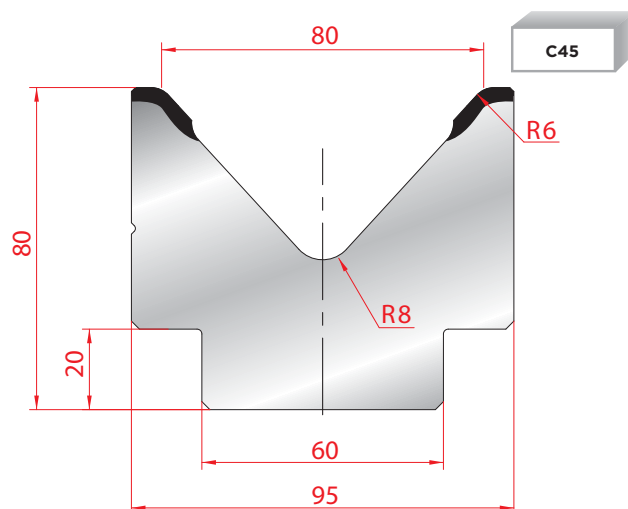
2022

Max T/m=100



2023

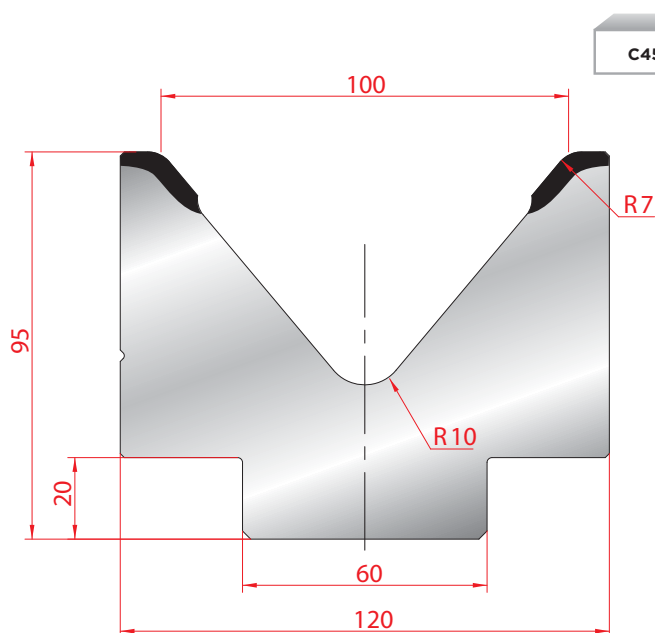
Max T/m=100



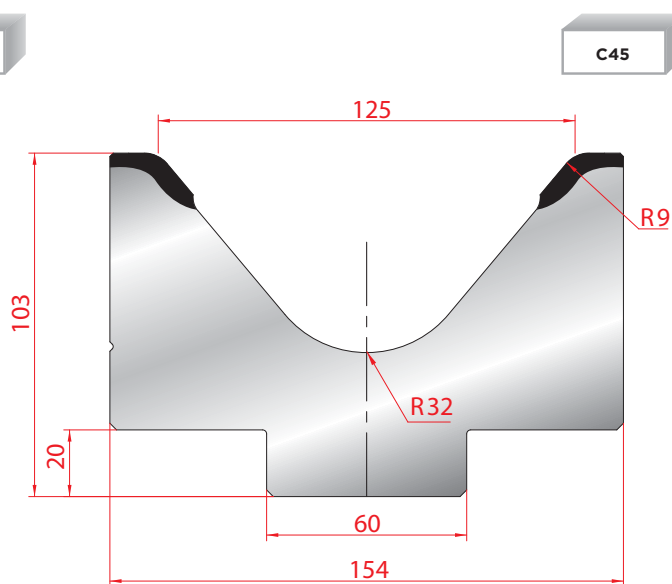
2024

Max T/m=100

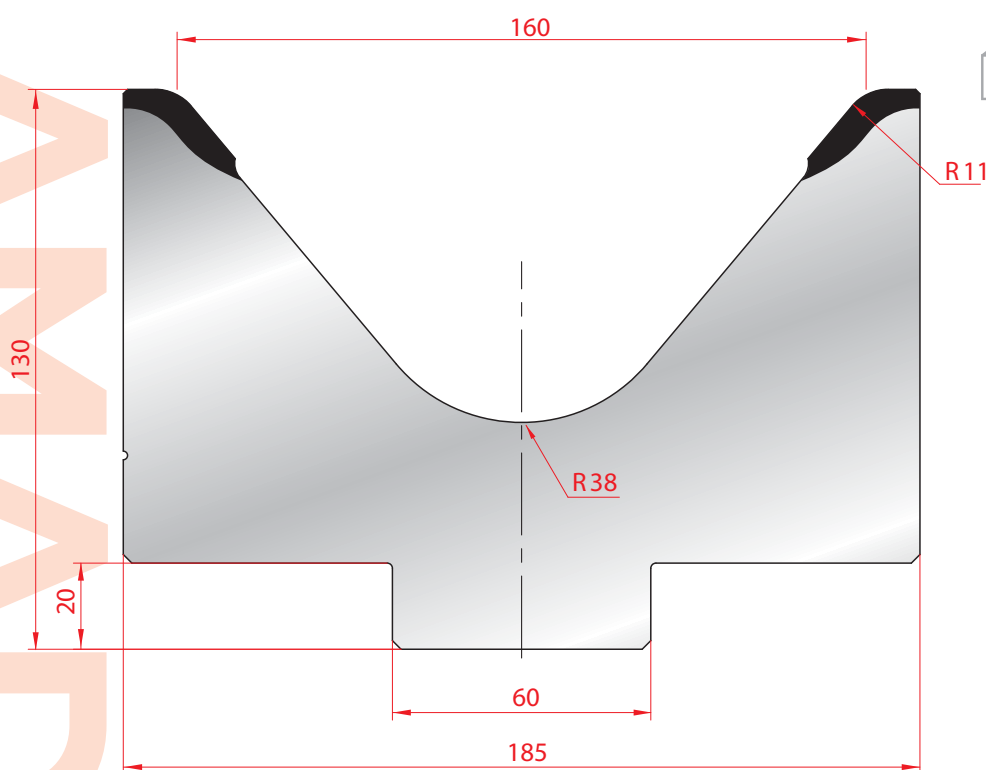
MATRICI 1V - 80° / 1V DIES - 80°



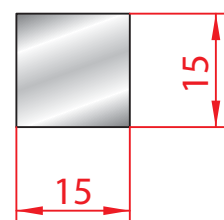
2025
Max T/m=120



2026
Max T/m=120

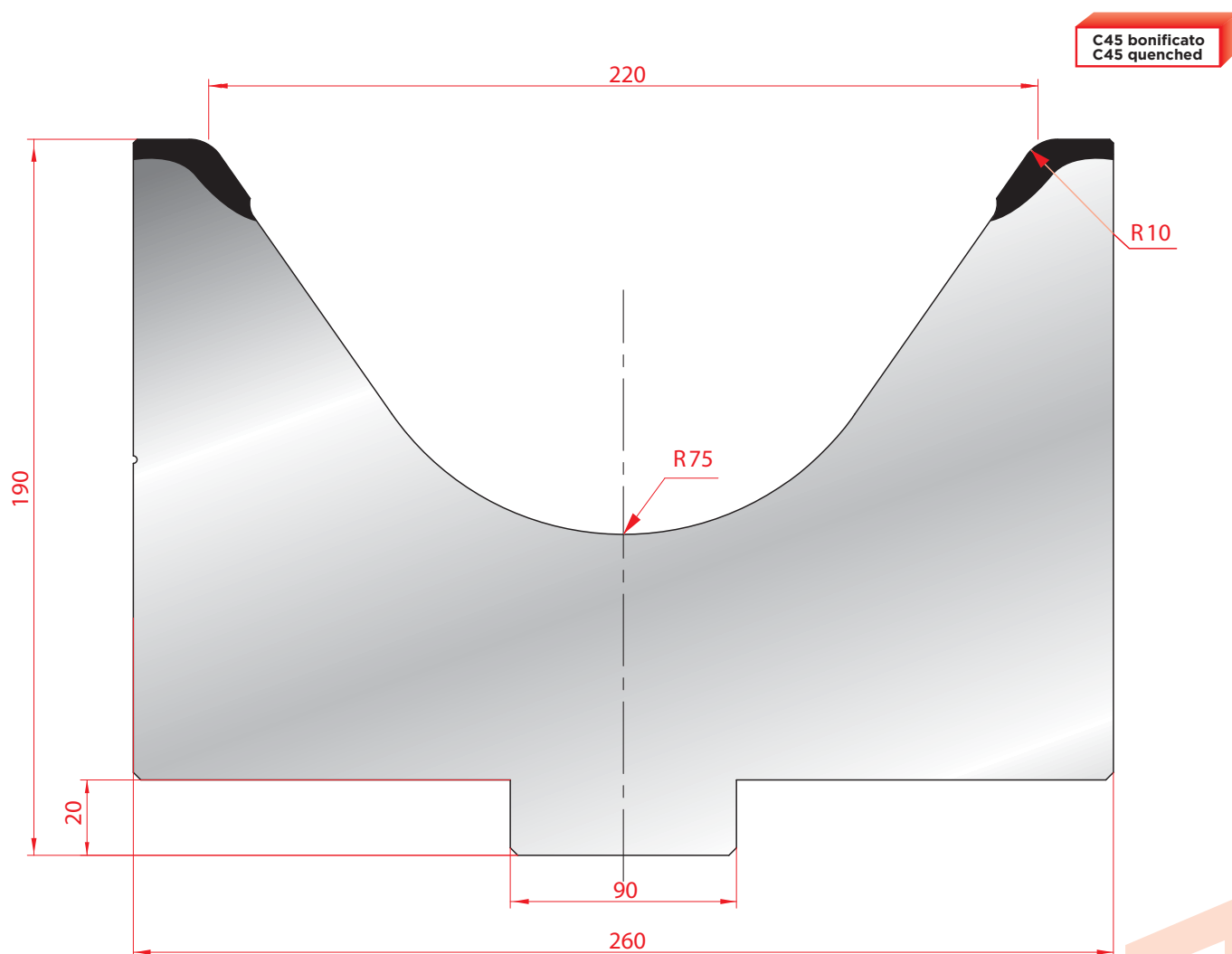


2027
Max T/m=120



8106
TRAFILATI 15X15
DRAWN INSERTS
15X15

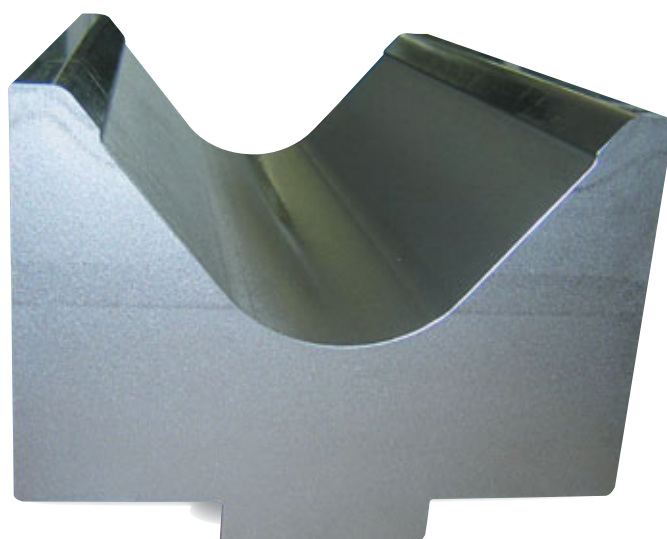
MATRICI 1V - 70° / 1V DIES - 70°



7290

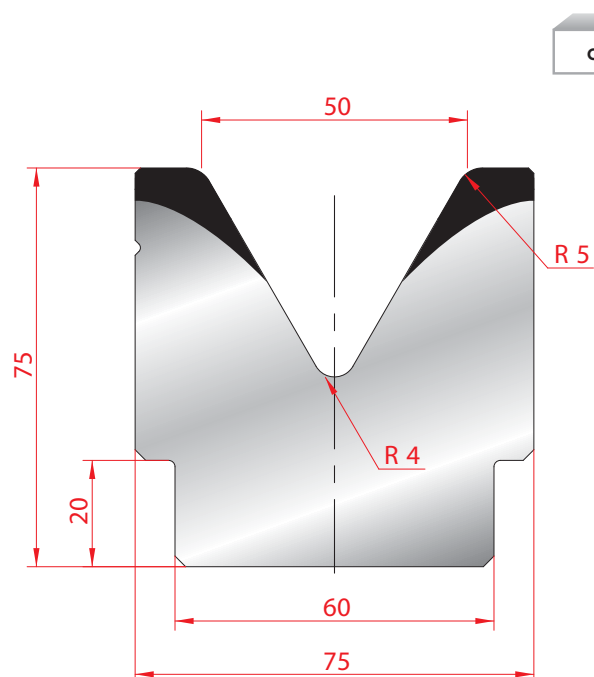
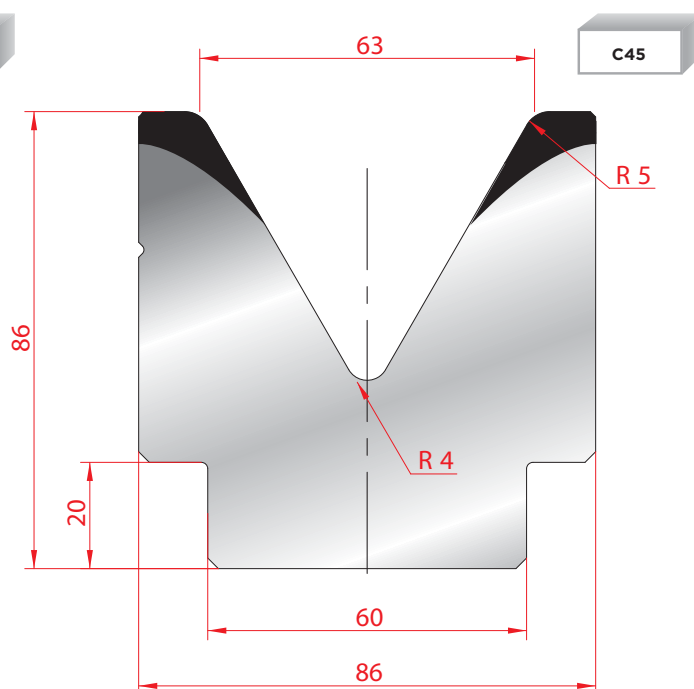
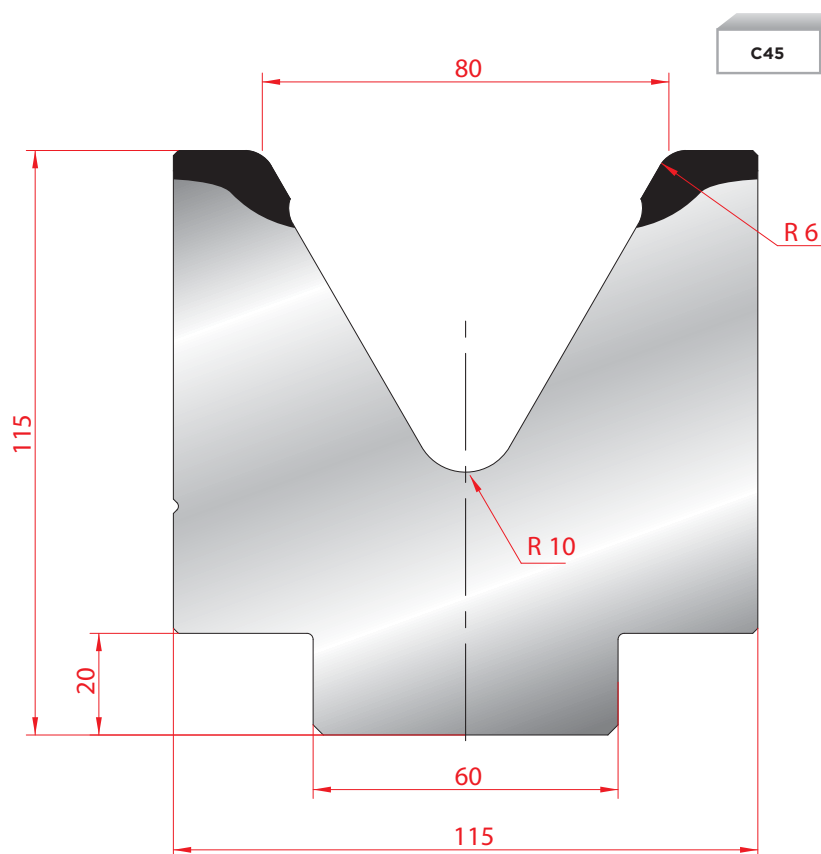
Max T/m=200

L= 505

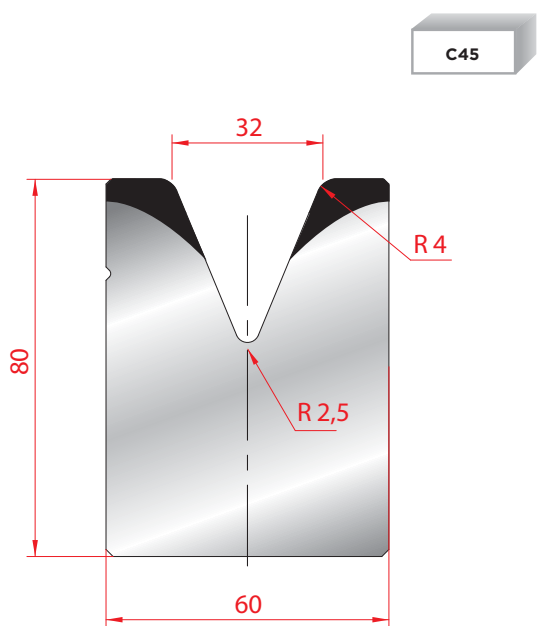


AMADA

MATRICI 1V - 60° / 1V DIES - 60°

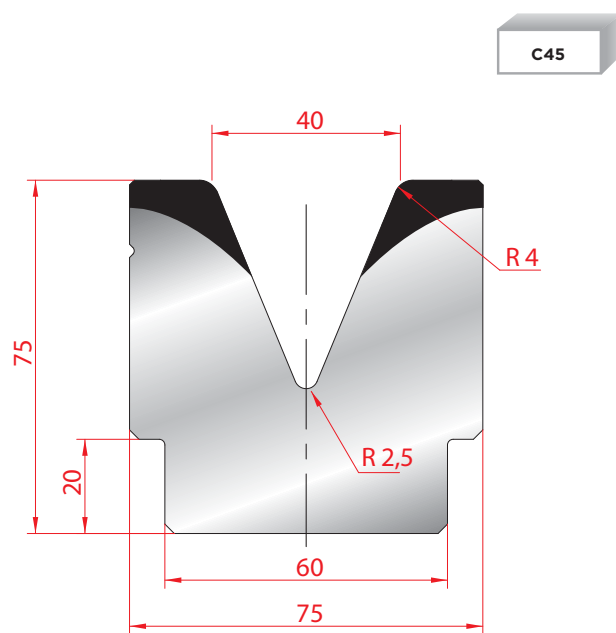
**2082****Max T/m=100****2083****Max T/m=100****2089****Max T/m=100**

MATRICI 1V - 45° / 1V DIES - 45°



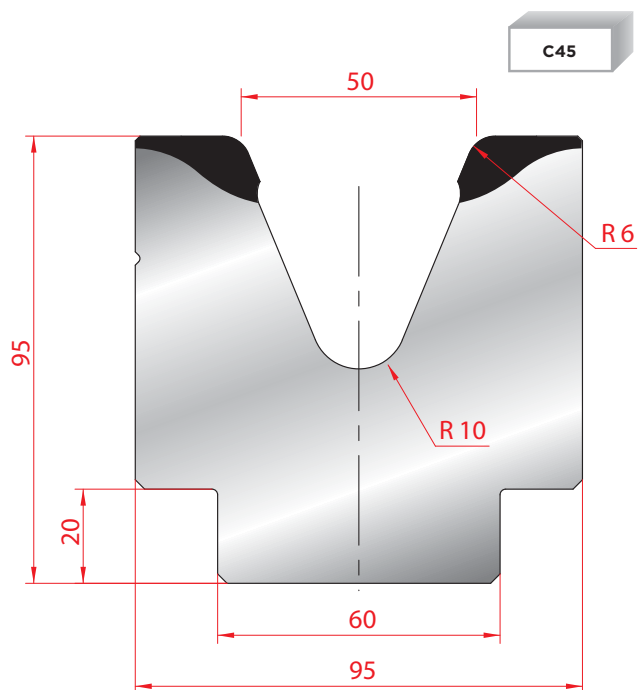
2088

Max T/m=100



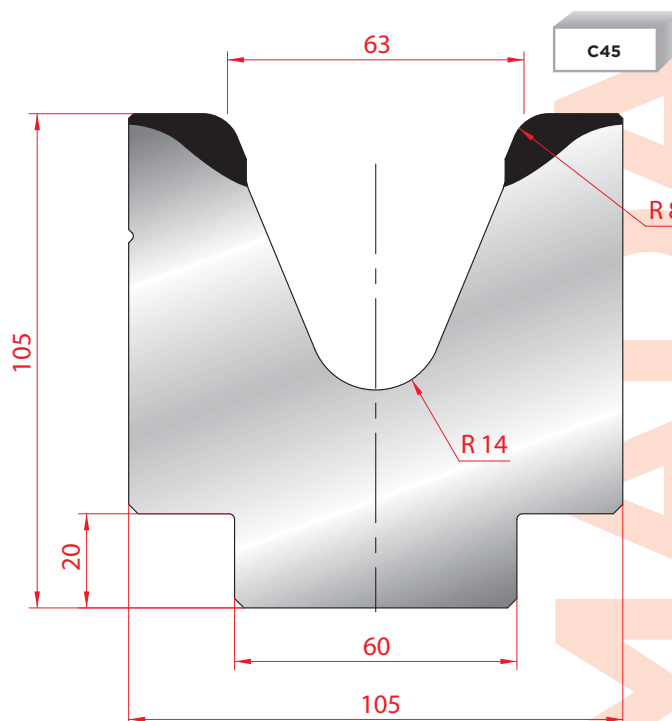
2081

Max T/m=100



2118

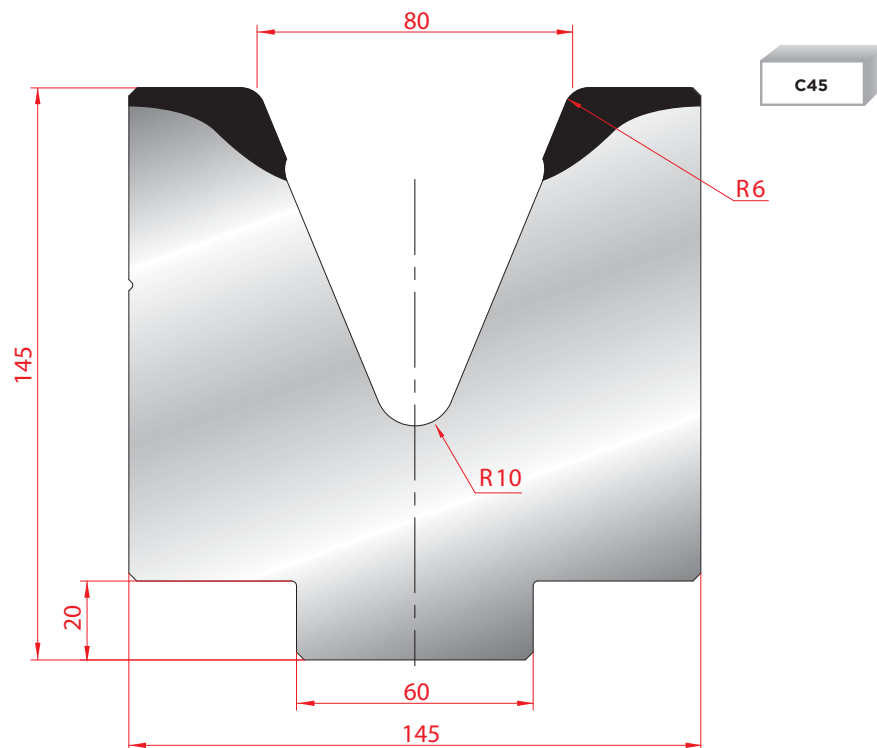
Max T/m=100



2117

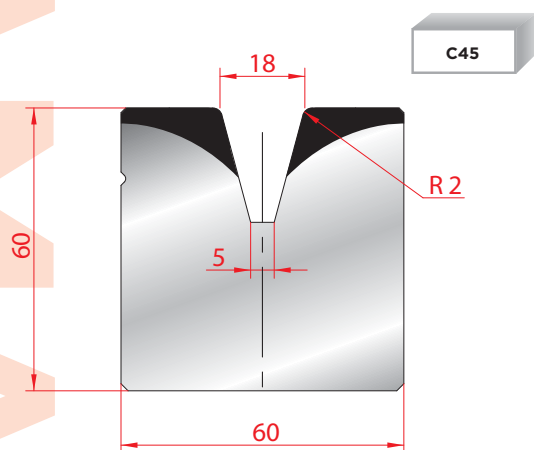
Max T/m=100

MATRICI 1V - 45° / 1V DIES - 45°

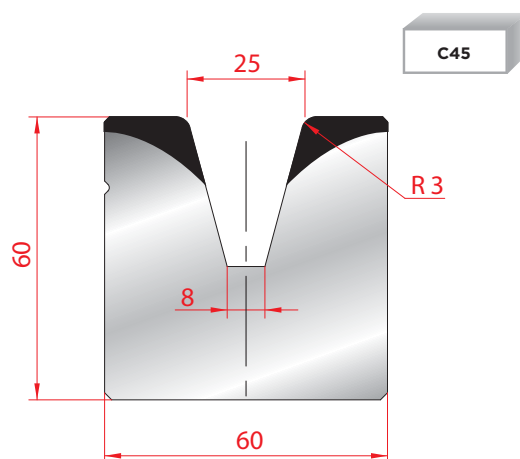
**2084**

Max T/m=100

MATRICI 1V - 30° / 1V DIES - 30°

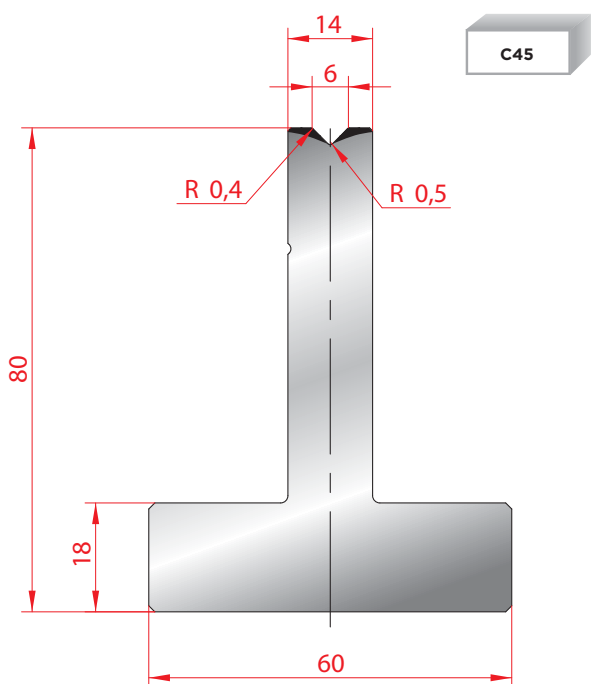
**2086**

Max T/m=100

**2087**

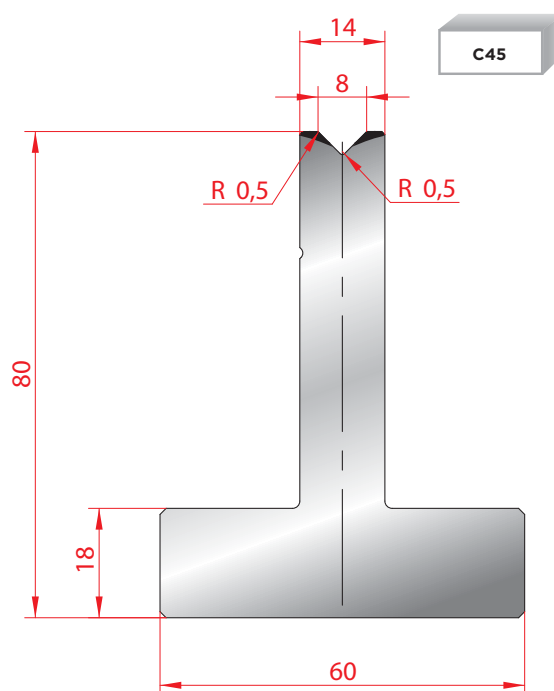
Max T/m=100

MATRICI T H80 - 90° / T DIES H80 - 90°



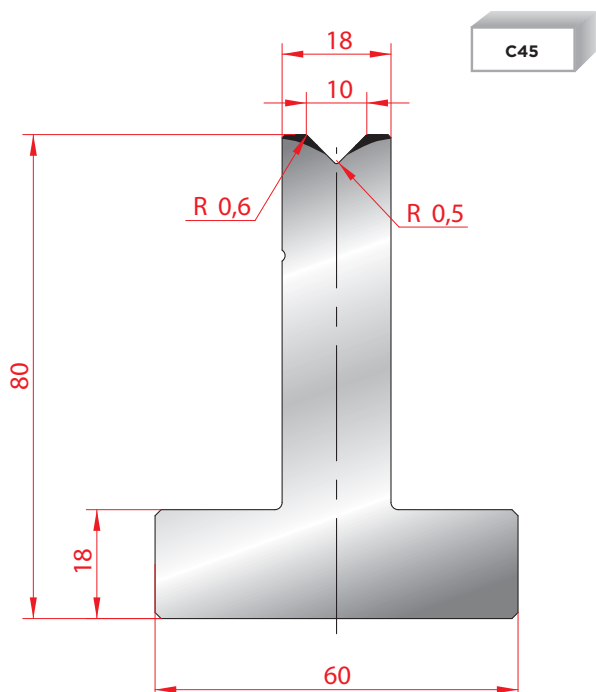
3010

Max T/m=100



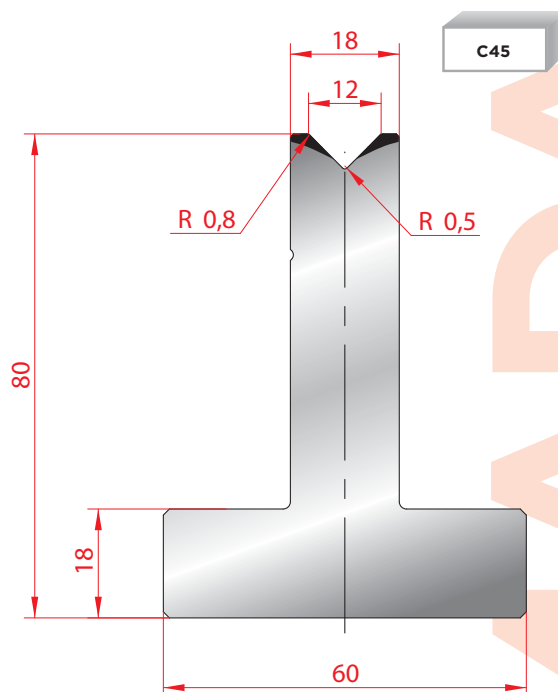
3011

Max T/m=100



3012

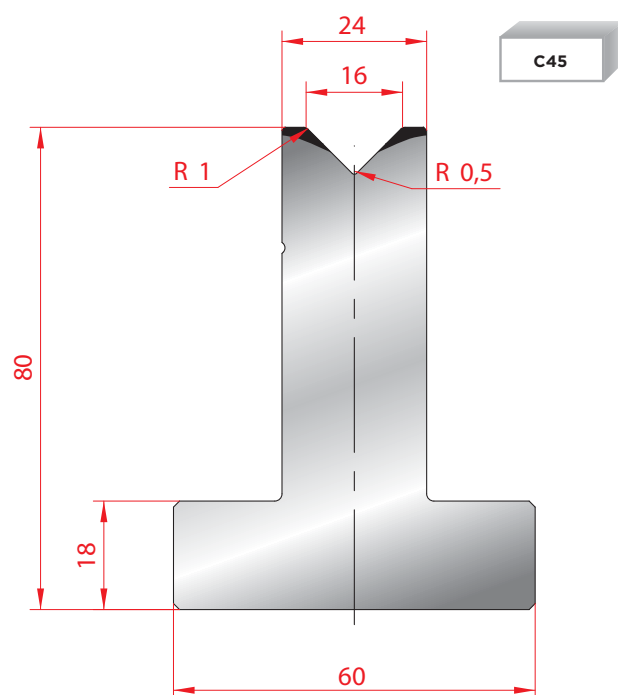
Max T/m=100



3013

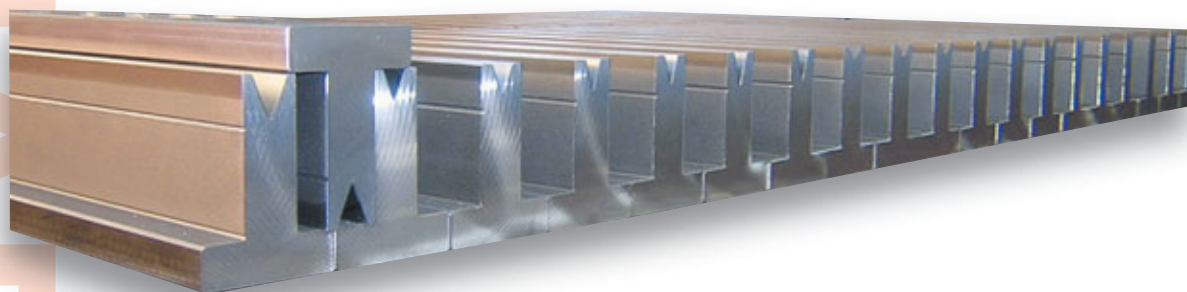
Max T/m=100

MATRICI T H80 - 90° / T DIES H80 - 90°

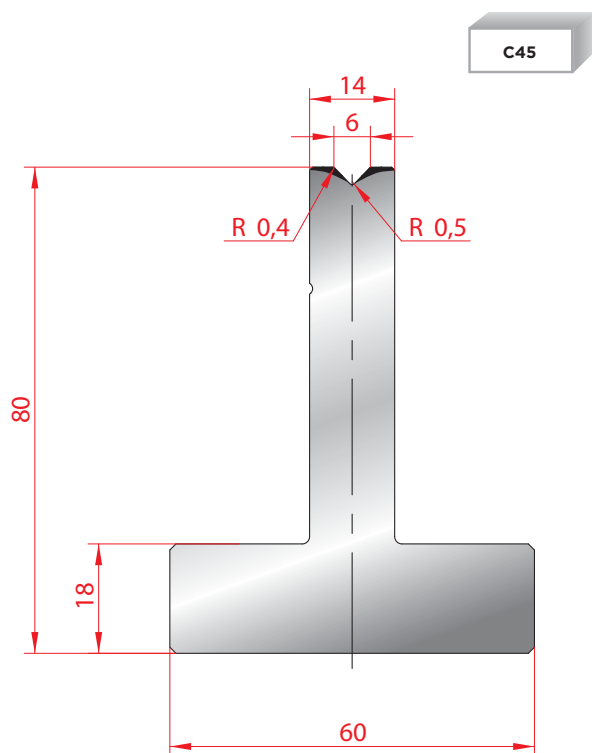


3014

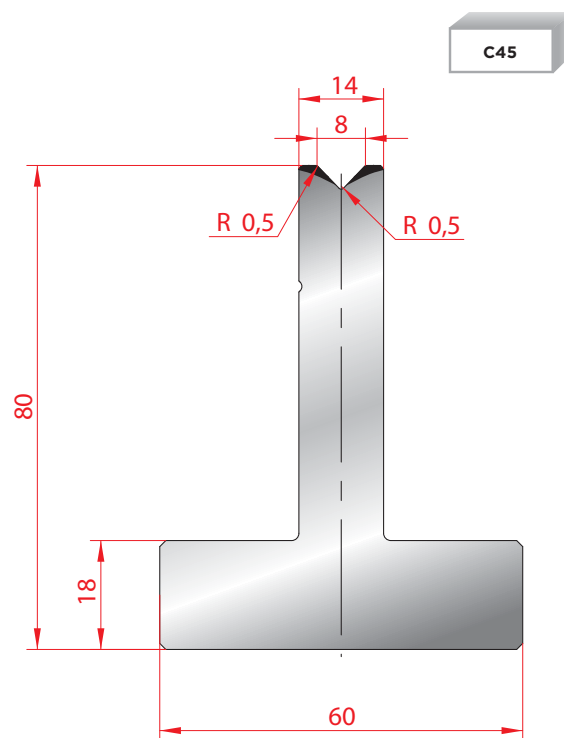
Max T/m=100



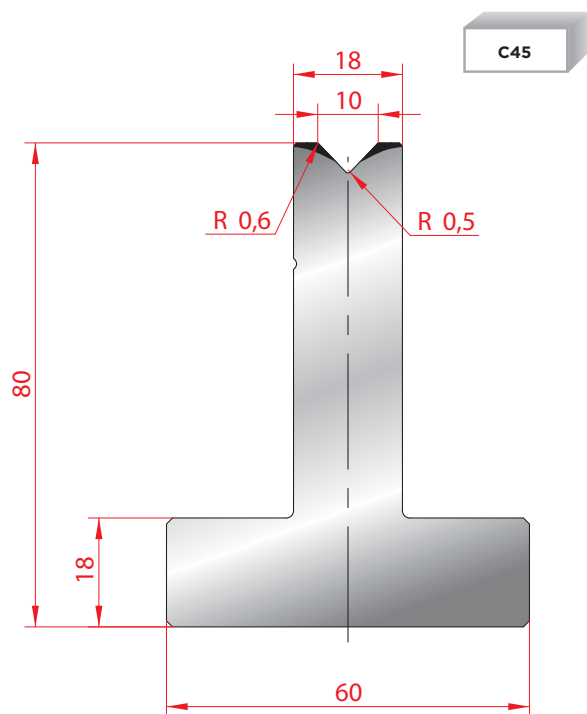
MATRICI T H80 - 88° / T DIES H80 - 88°

**3080**

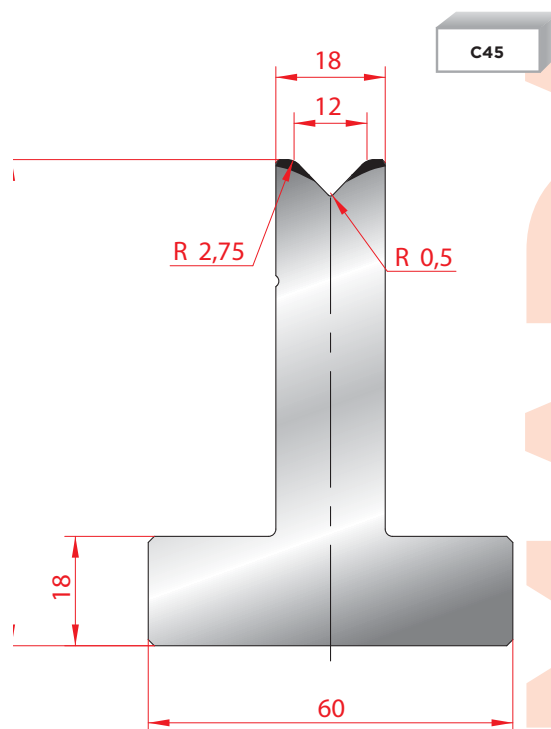
Max T/m=100

**3081**

Max T/m=100

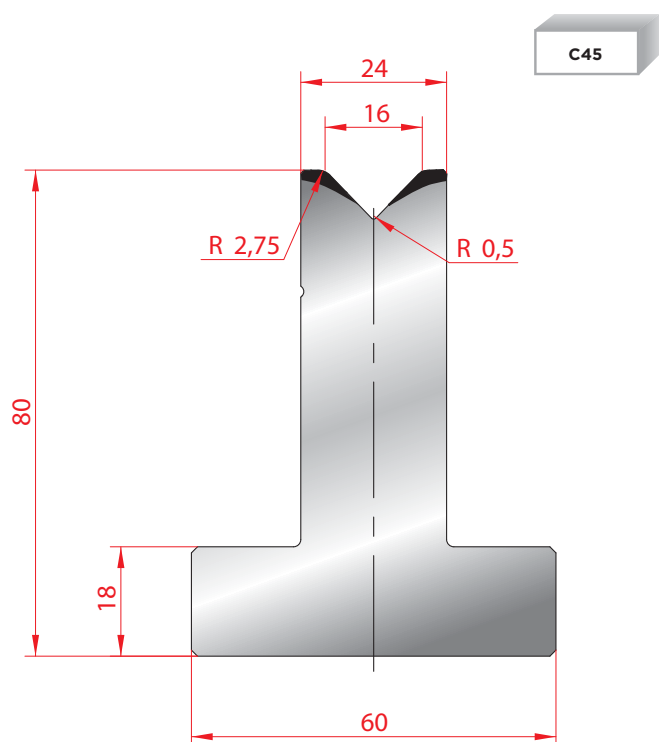
**3082**

Max T/m=100

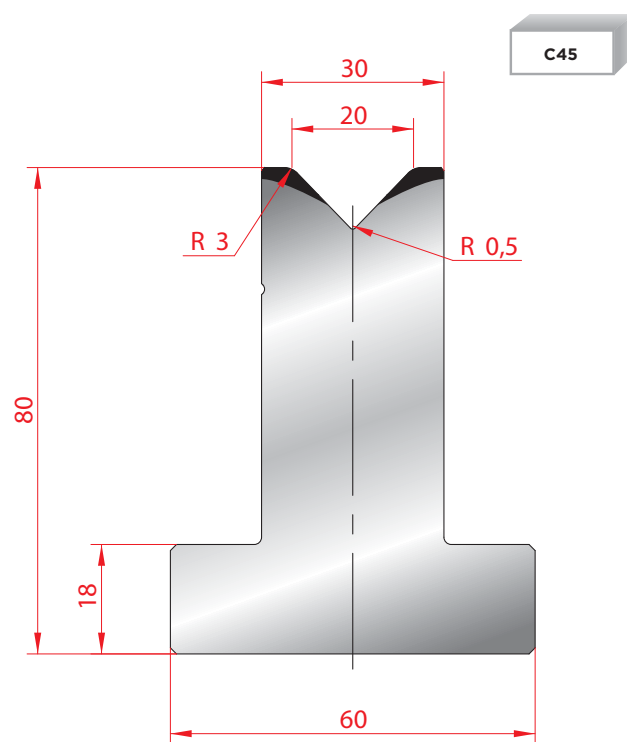
**3015**

Max T/m=100

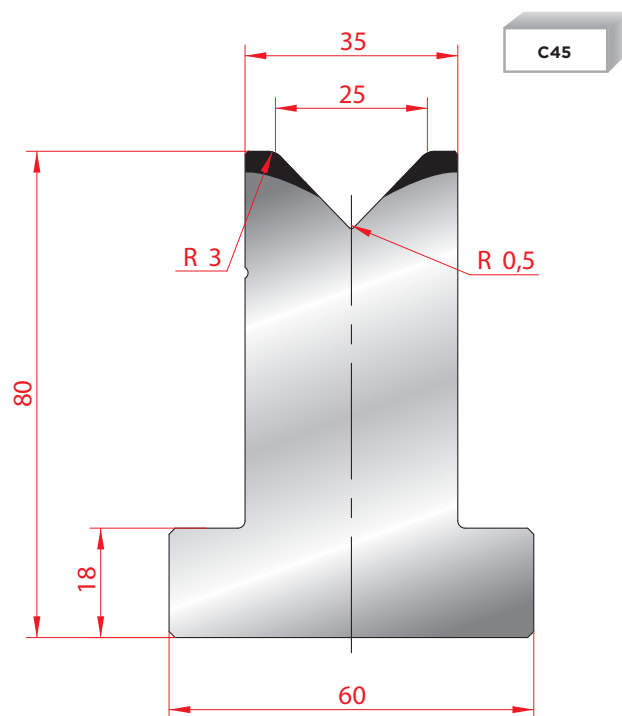
MATRICI T H80 - 88° / T DIES H80 - 88°

**3016**

Max T/m=100

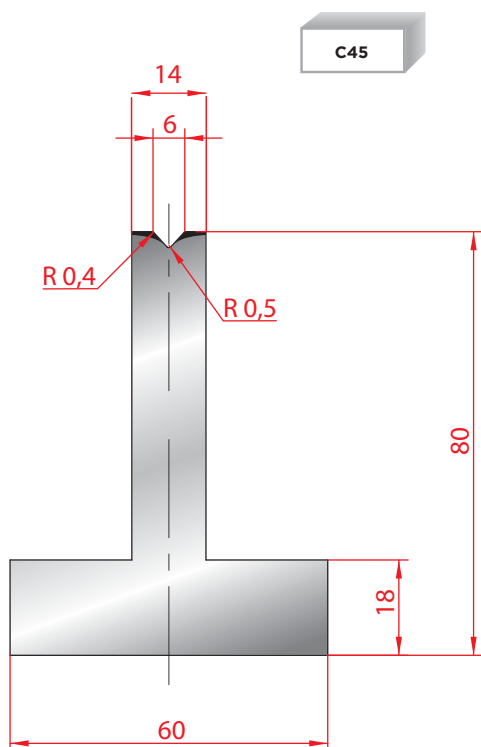
**3017**

Max T/m=100

**3018**

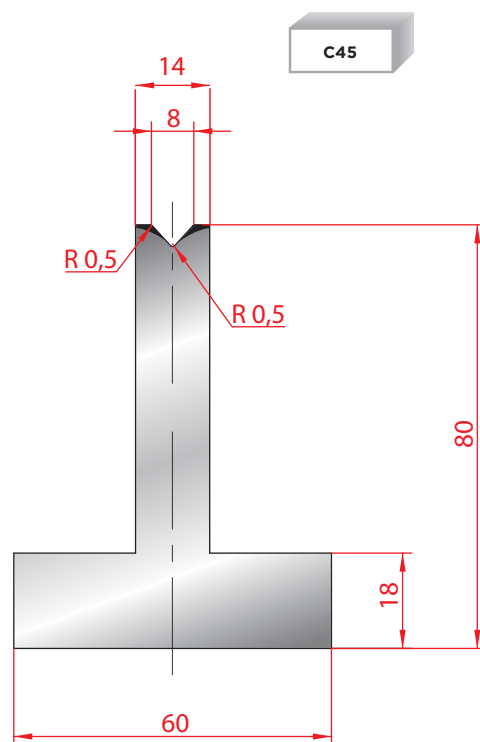
Max T/m=100

MATRICI T H80 - 85° / T DIES H80 - 85°



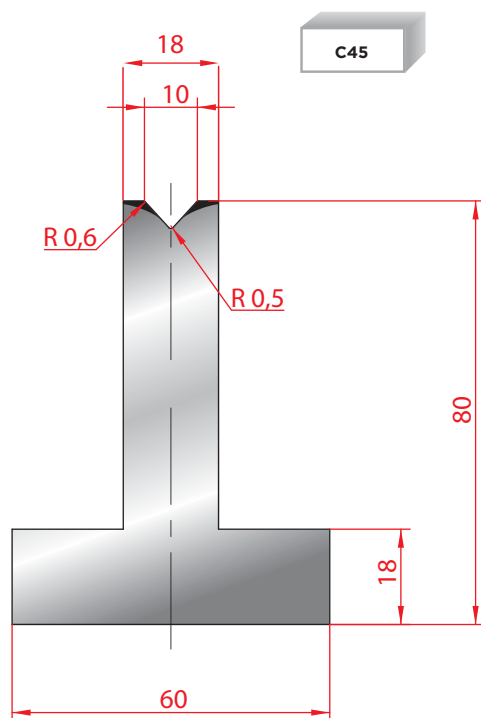
3086

Max T/m=100



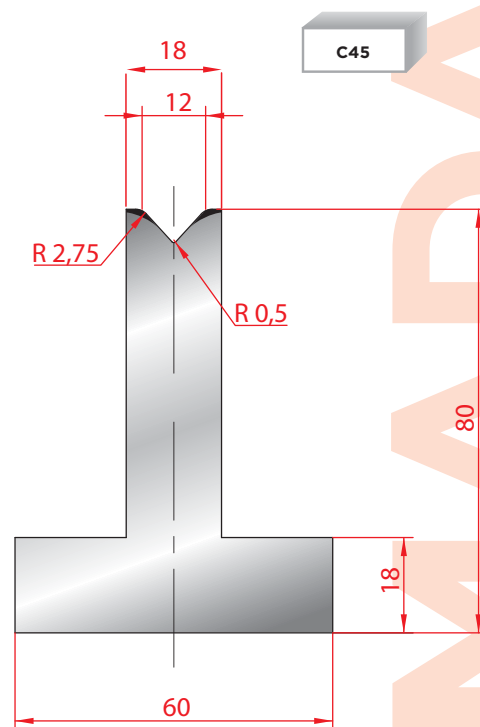
3087

Max T/m=100



3088

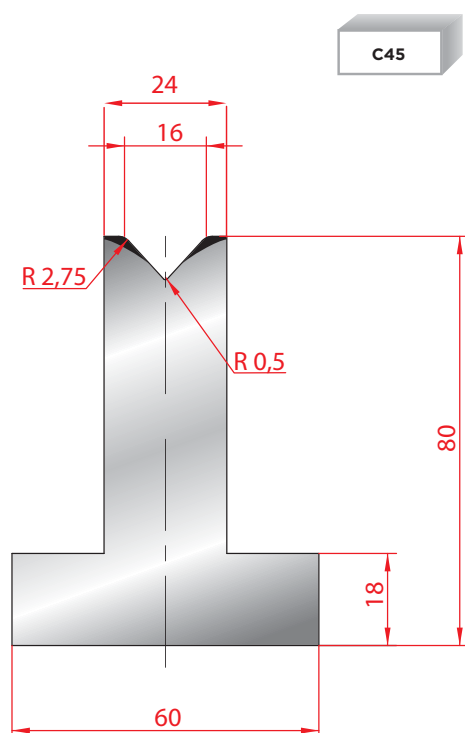
Max T/m=100



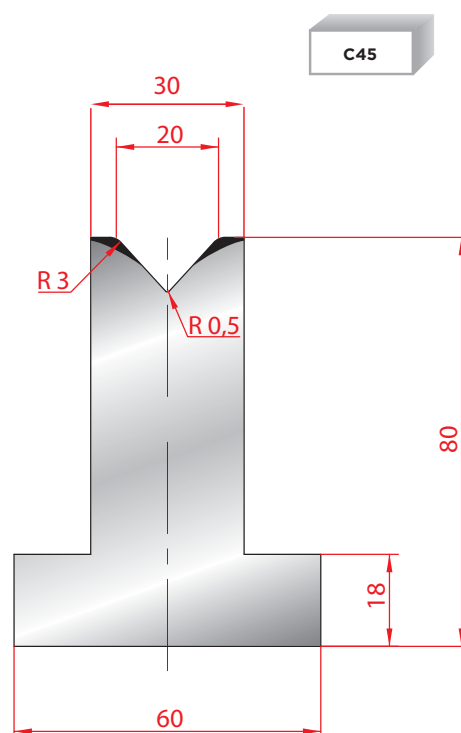
3089

Max T/m=100

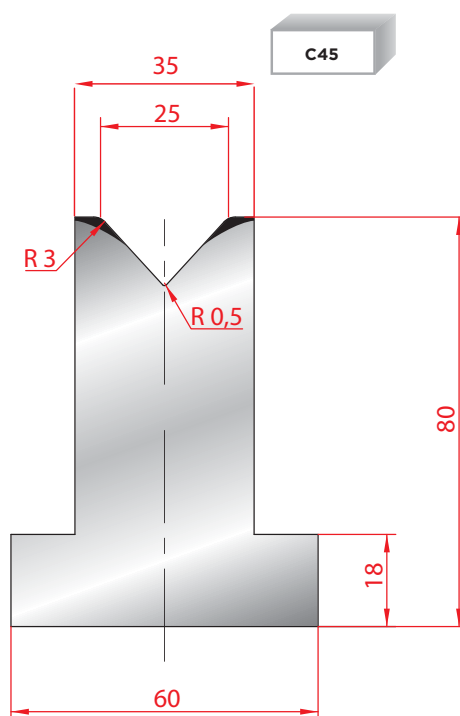
MATRICI T H80 - 85° / T DIES H80 - 85°

**3090**

Max T/m=100

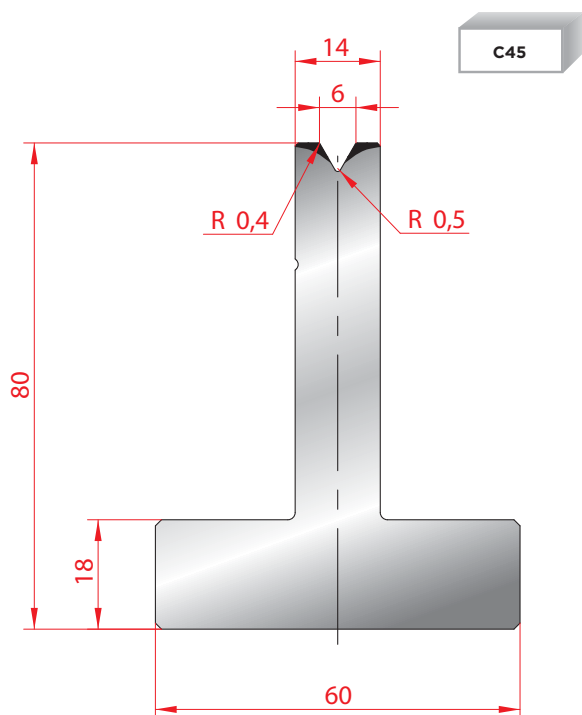
**3091**

Max T/m=100

**3092**

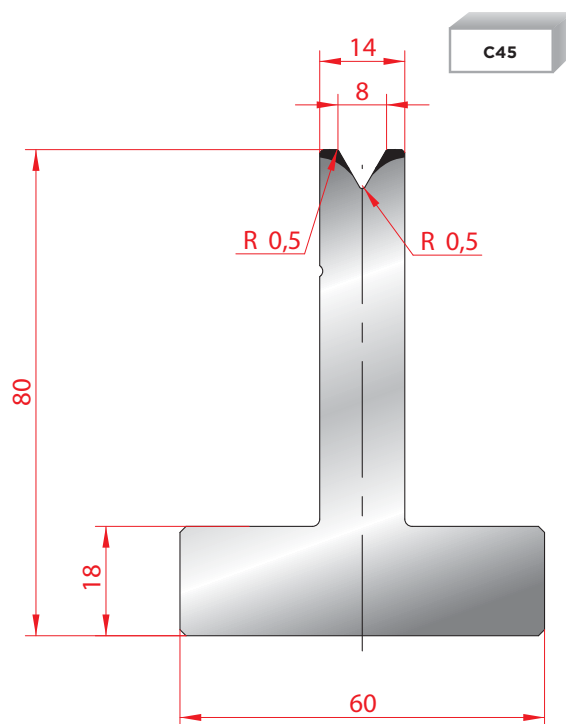
Max T/m=100

MATRICI T H80 - 60° / T DIES H80 - 60°



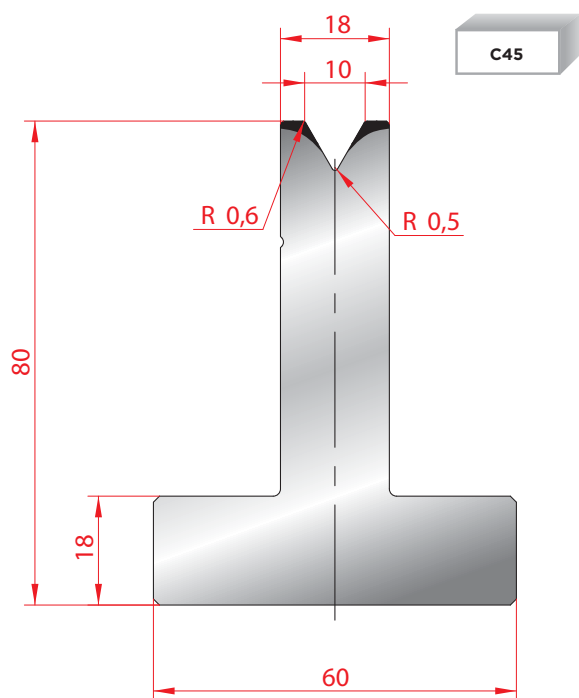
3019

Max T/m=60



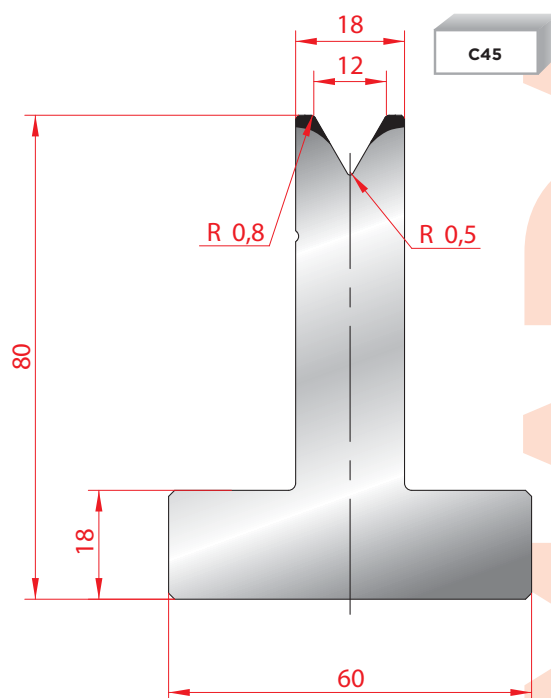
3020

Max T/m=60



3021

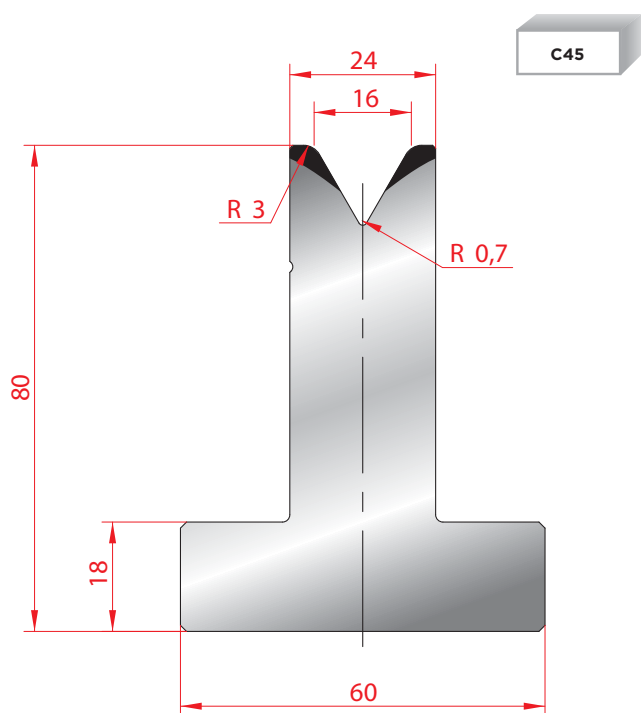
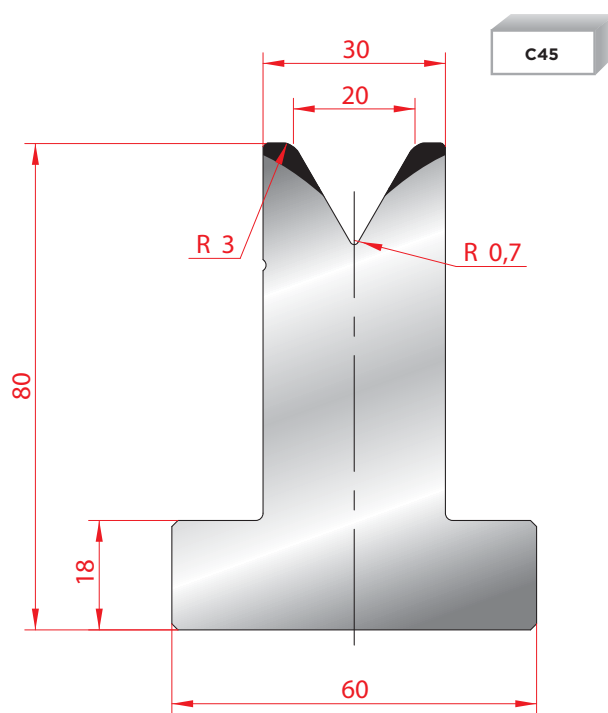
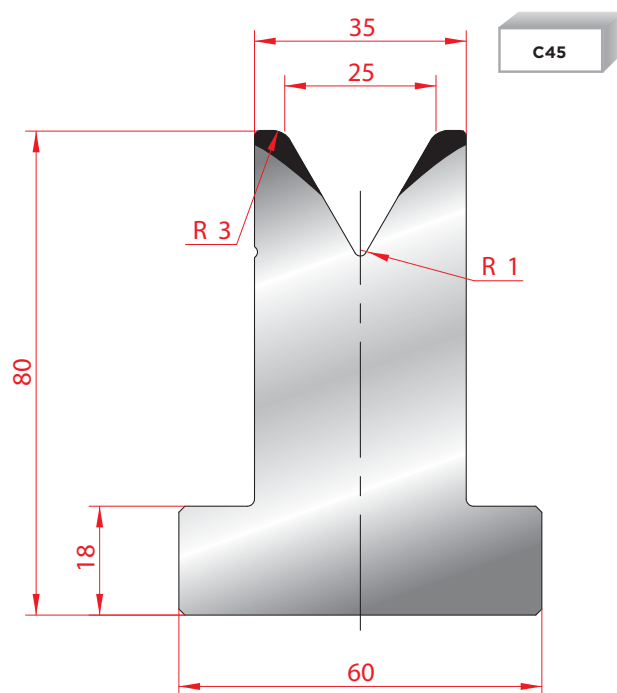
Max T/m=60



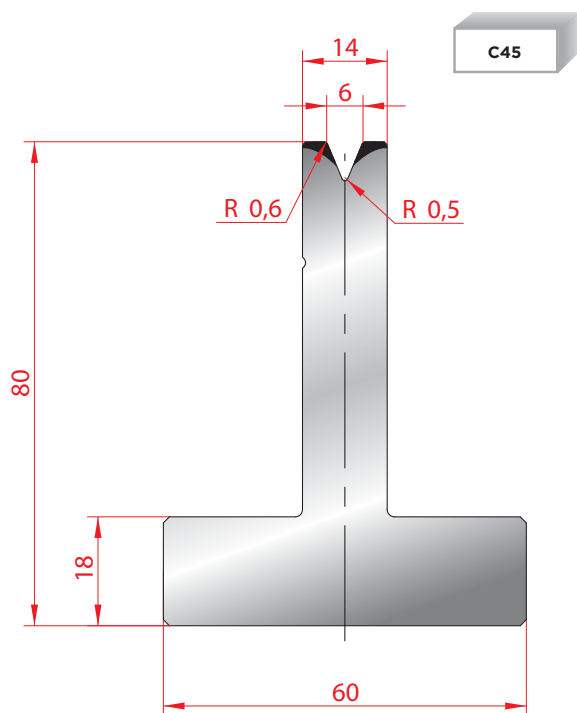
3022

Max T/m=75

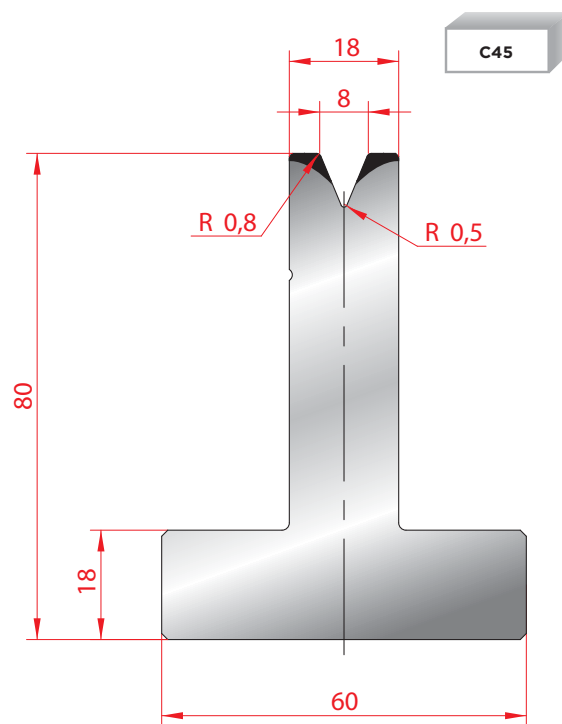
MATRICI T H80 - 60° / T DIES H80 - 60°

**3023****Max T/m=70****3024****Max T/m=65****3025****Max T/m=60**

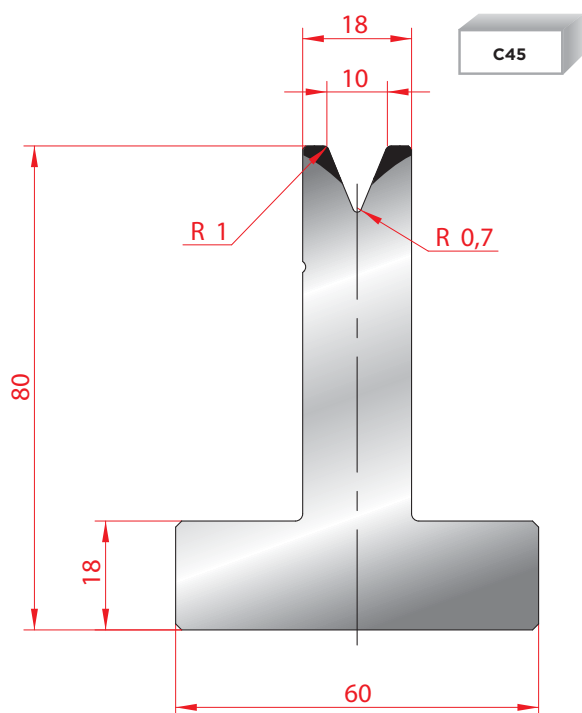
MATRICI T H80 - 45° / T DIES H80 - 45°

**3026**

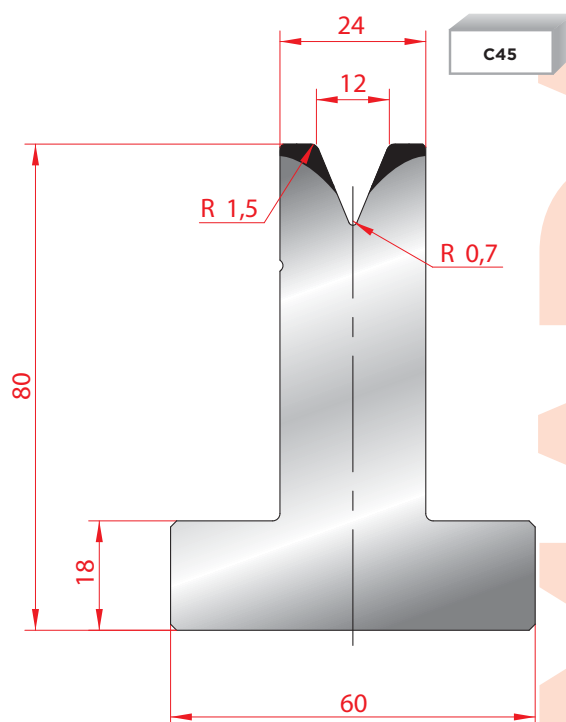
Max T/m=50

**3027**

Max T/m=50

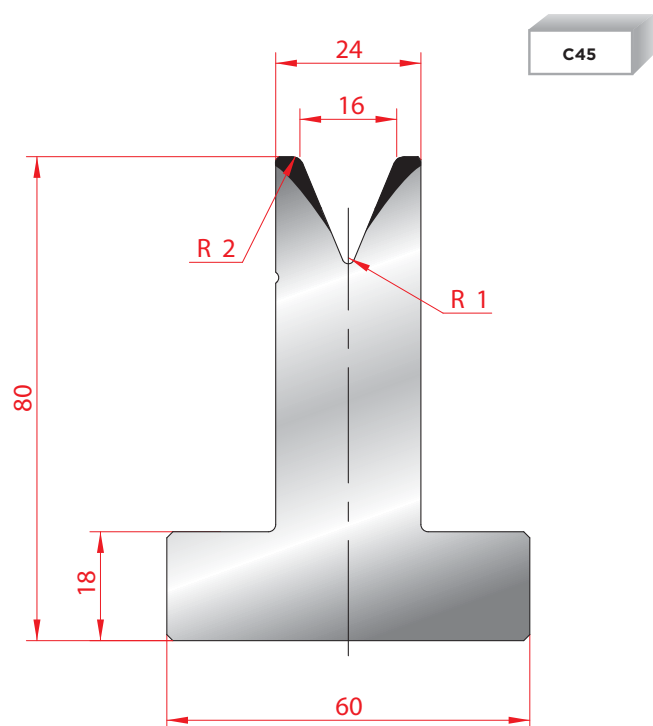
**3028**

Max T/m=50

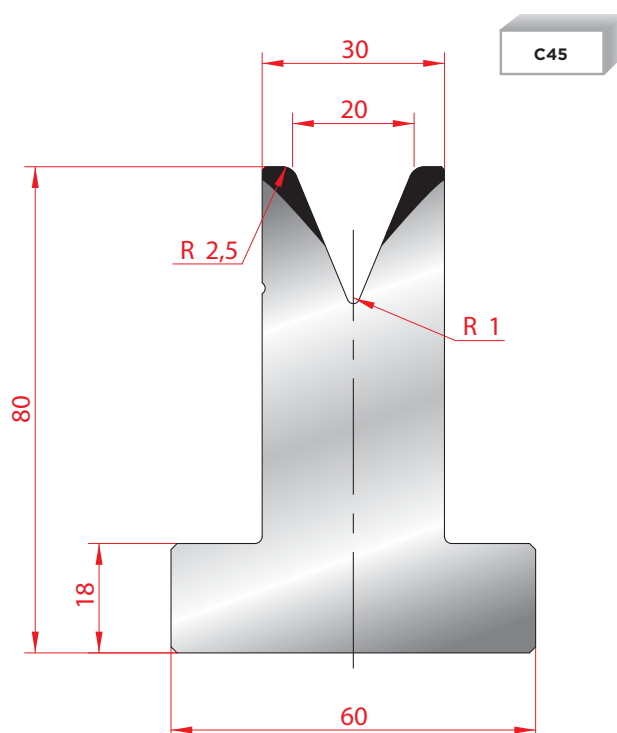
**3029**

Max T/m=50

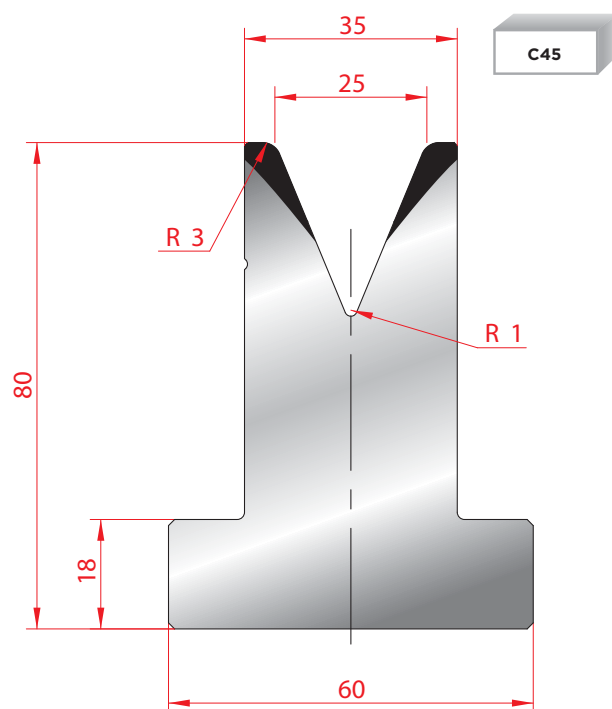
MATRICI T H80 - 45° / T DIES H80 - 45°



3030
Max T/m=50

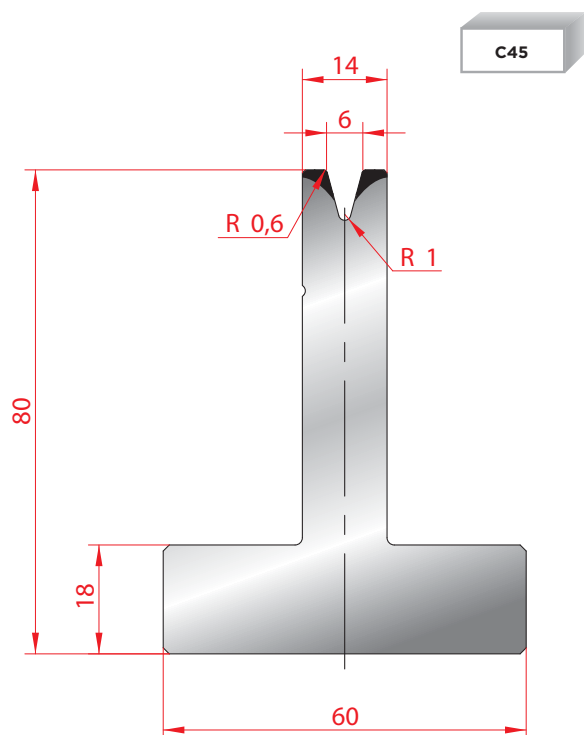


3031
Max T/m=50

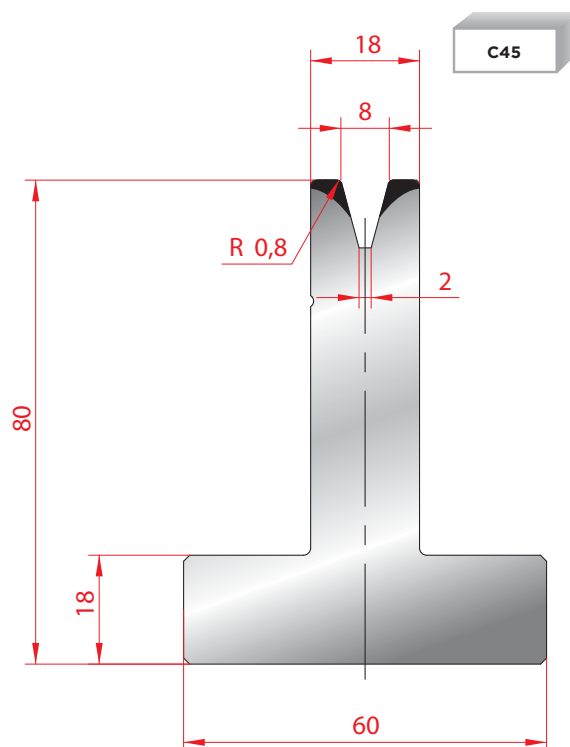


3032
Max T/m=50

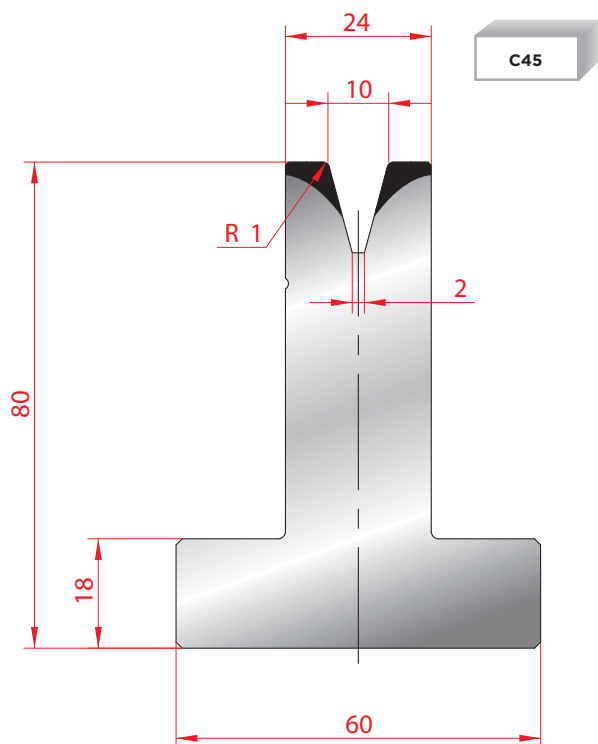
MATRICI T H80 - 30° / T DIES H80 - 30°

**3042**

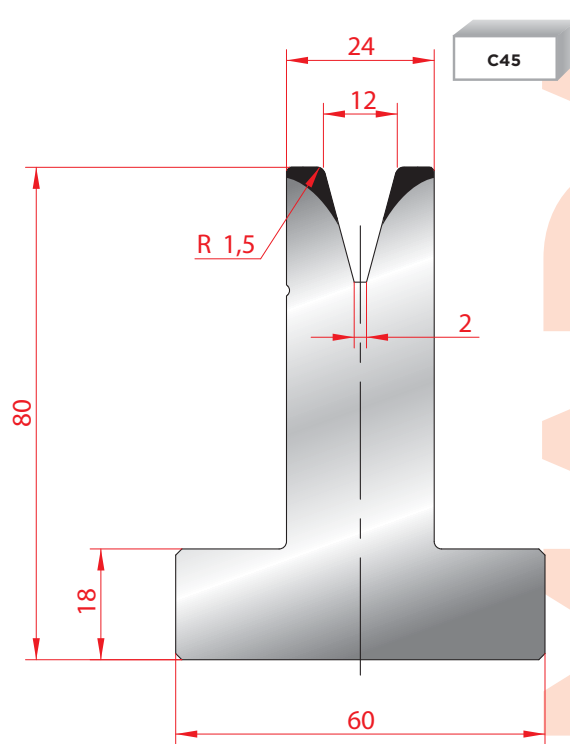
Max T/m=35

**3043**

Max T/m=40

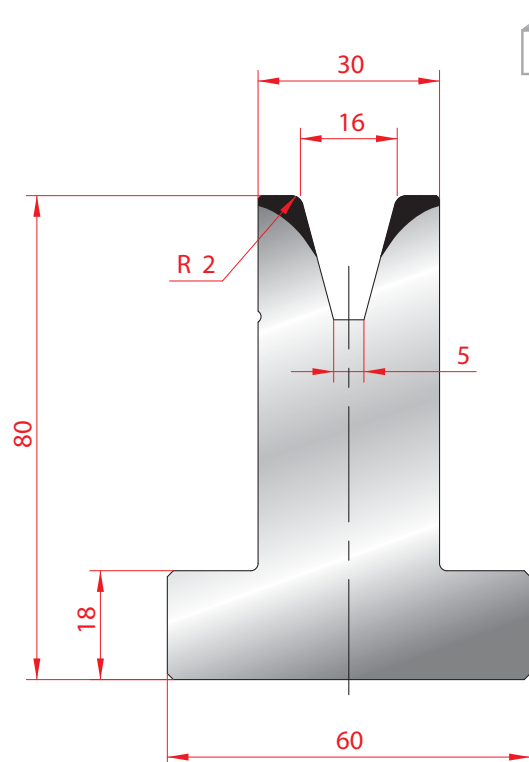
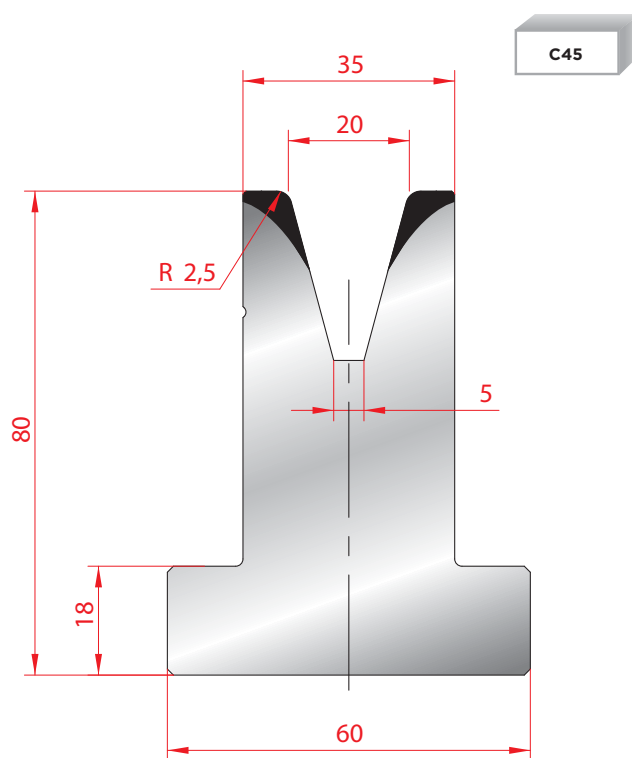
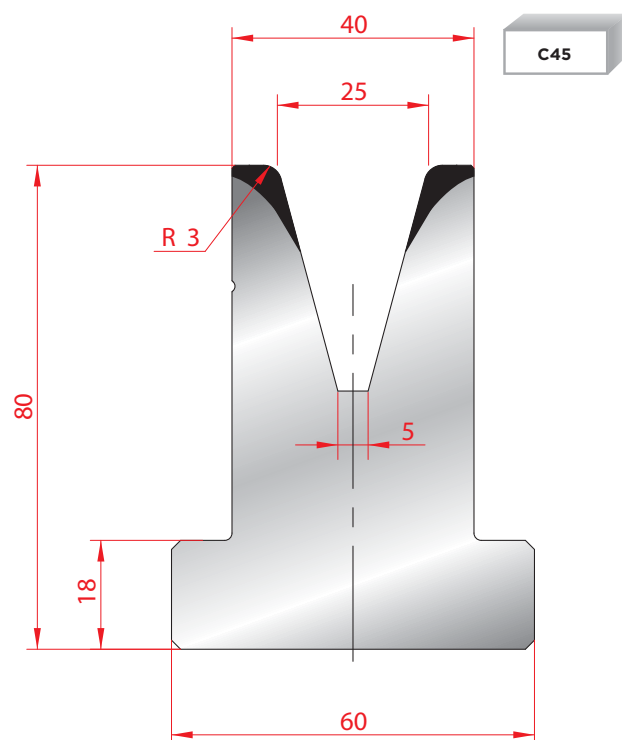
**3044**

Max T/m=50

**3045**

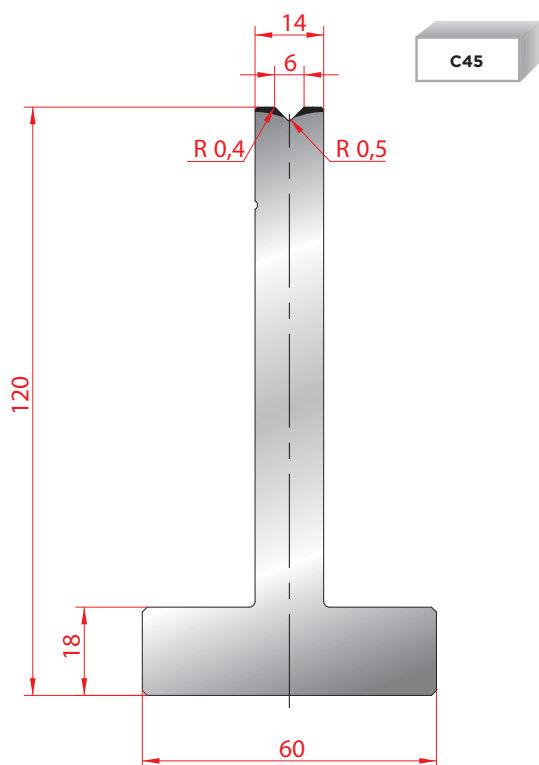
Max T/m=50

MATRICI T H80 - 30° / T DIES H80 -30°

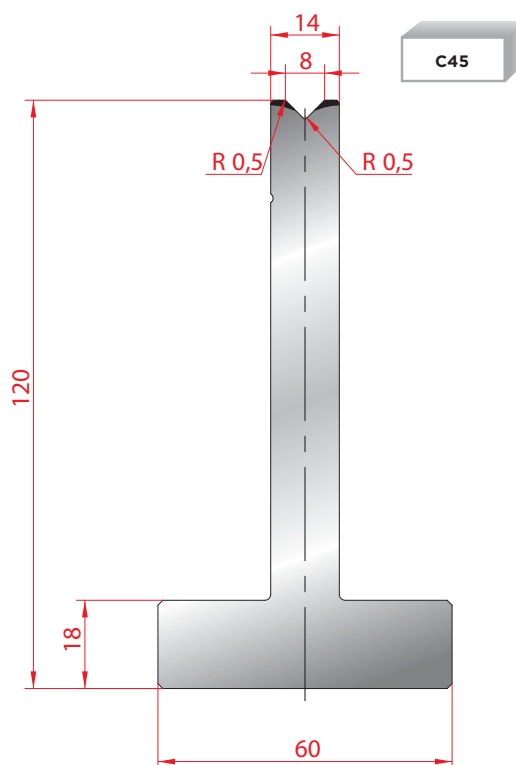
**3046****Max T/m=50****3047****Max T/m=55****3048****Max T/m=55**

AMADA

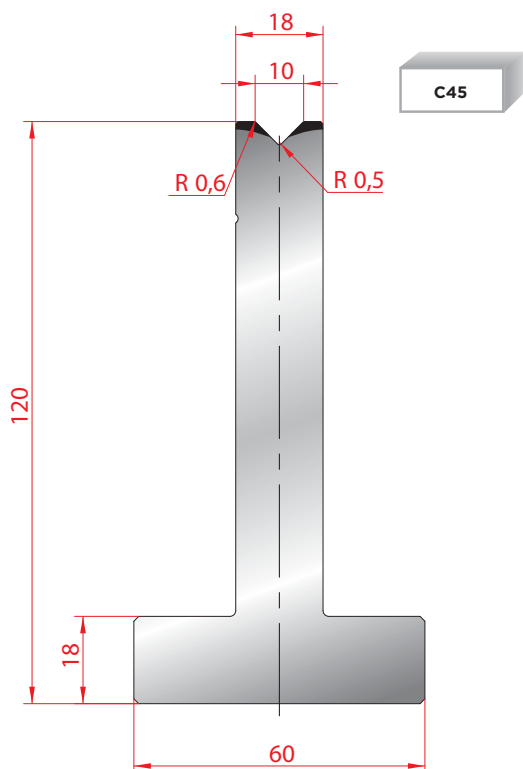
MATRICI T H120 - 90° / T DIES H120 - 90°

**3050**

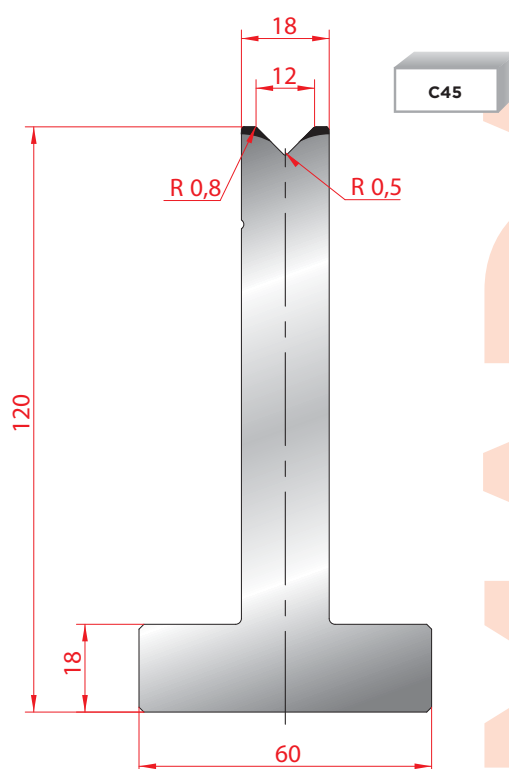
Max T/m=100

**3051**

Max T/m=100

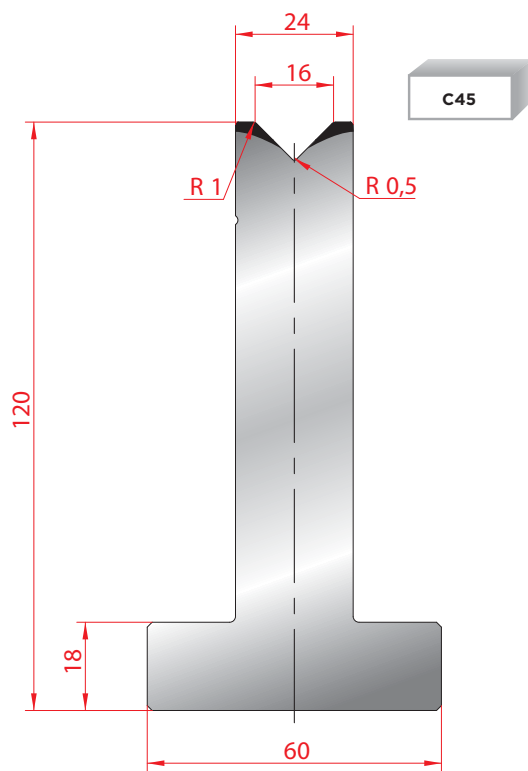
**3052**

Max T/m=100

**3053**

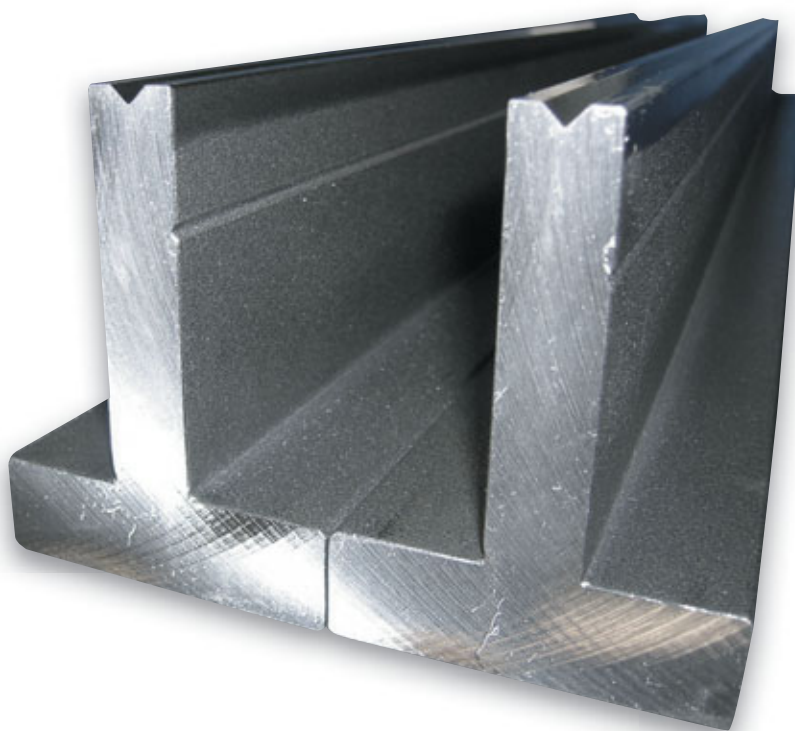
Max T/m=100

MATRICI T H120 - 90° / T DIES H120 - 90°



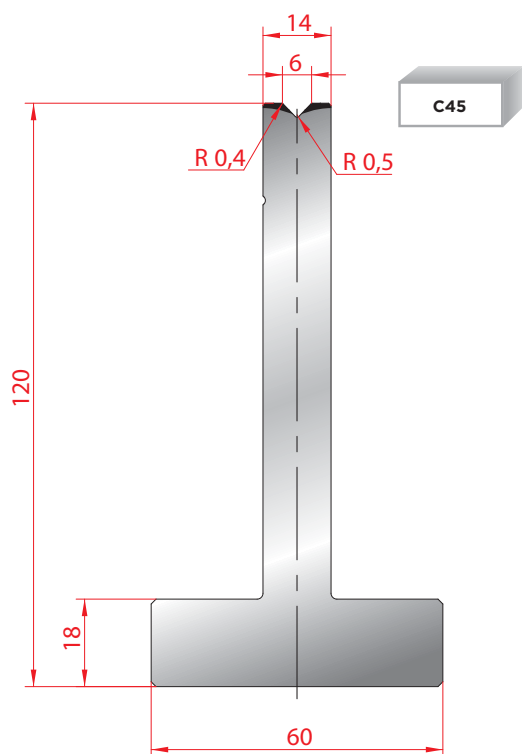
3054

Max T/m=100

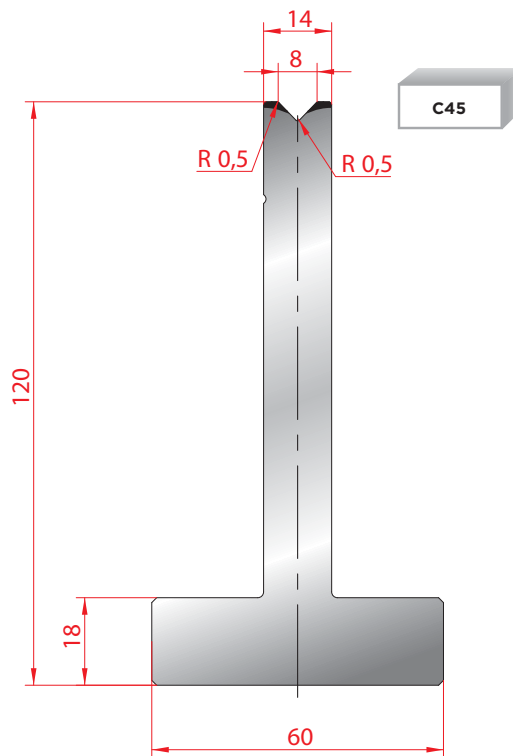


AMADA

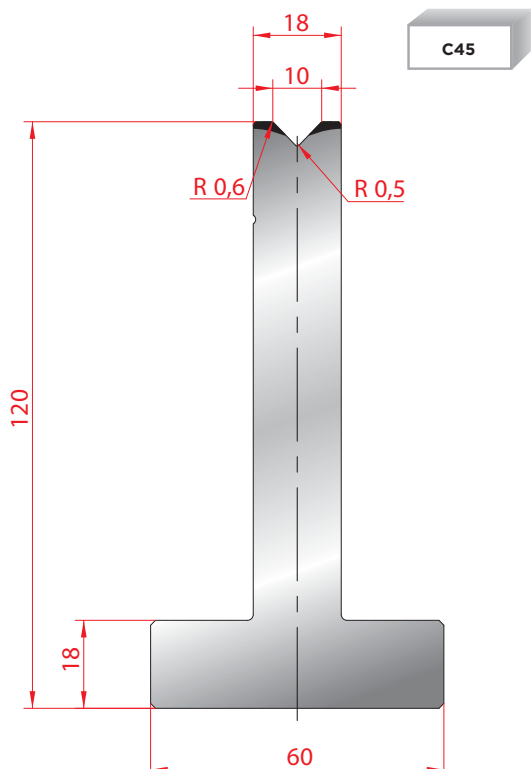
MATRICI T H120 - 88° / T DIES H120 - 88°

**3083**

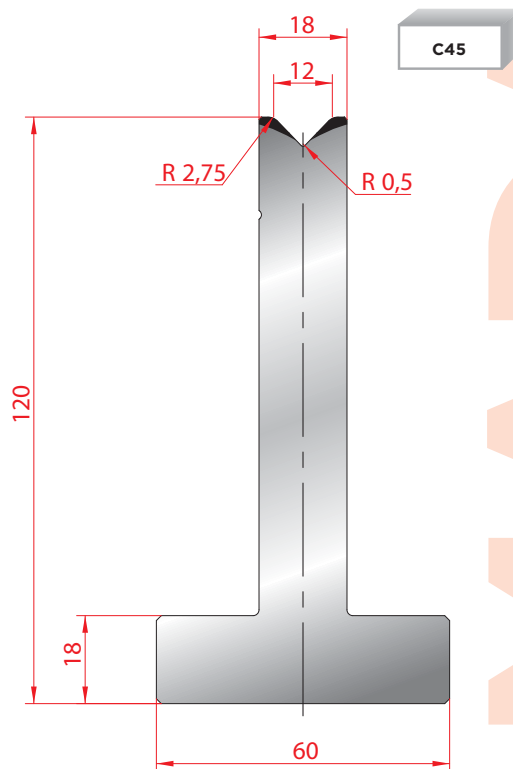
Max T/m=100

**3084**

Max T/m=100

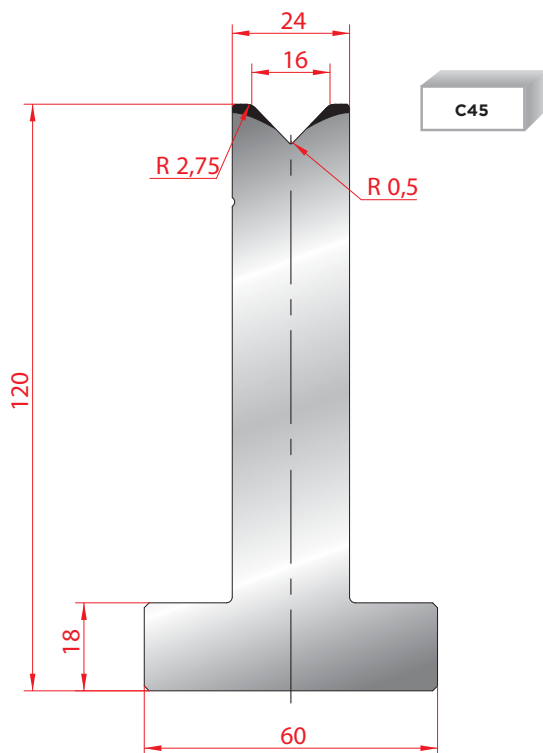
**3085**

Max T/m=100

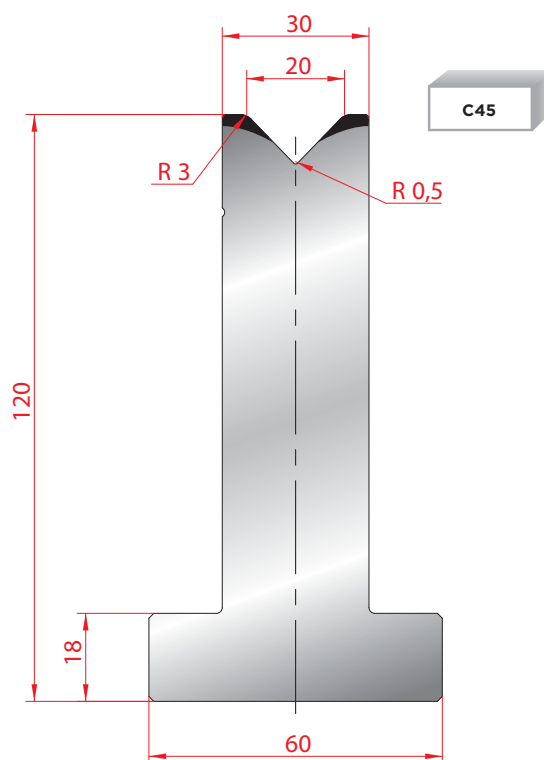
**3055**

Max T/m=100

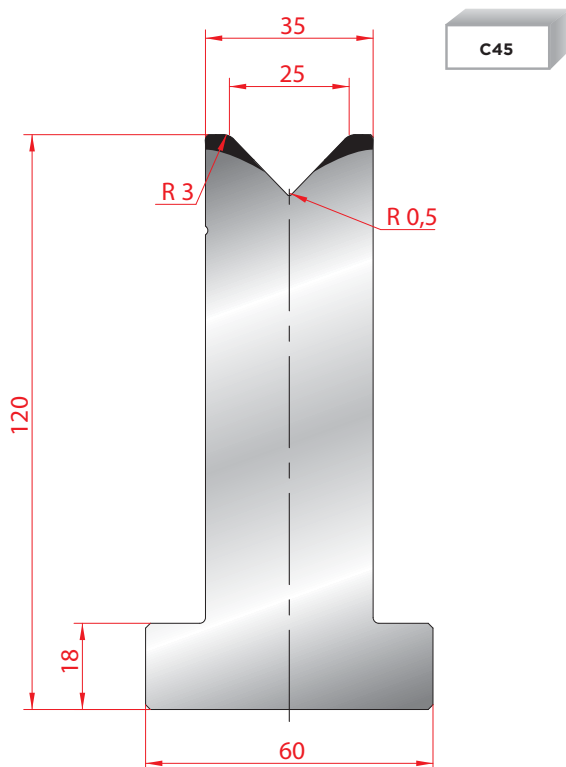
MATRICI T H120 - 88° / T DIES H120 - 88°

**3056**

Max T/m=100

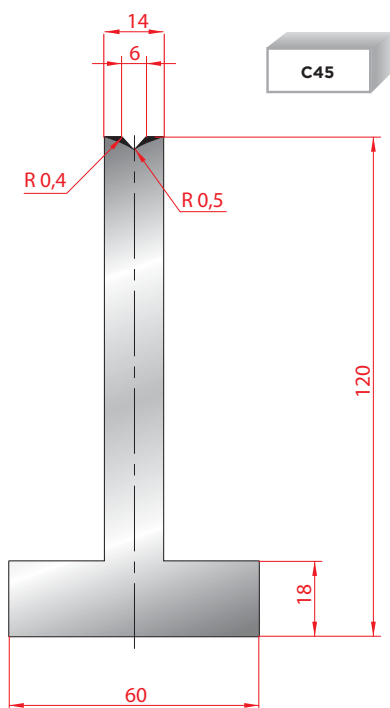
**3057**

Max T/m=100

**3058**

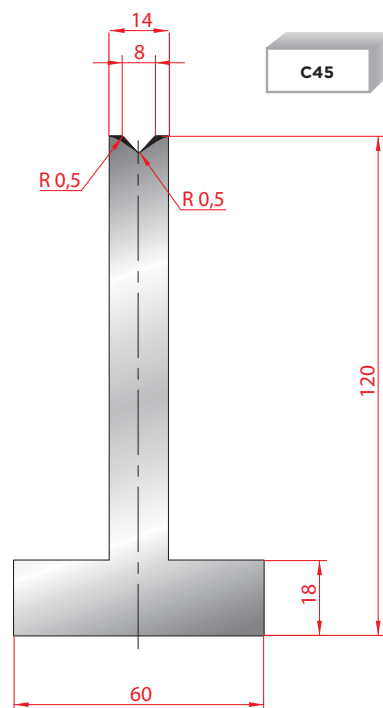
Max T/m=100

MATRICI T H120 - 85° / T DIES H120 - 85°



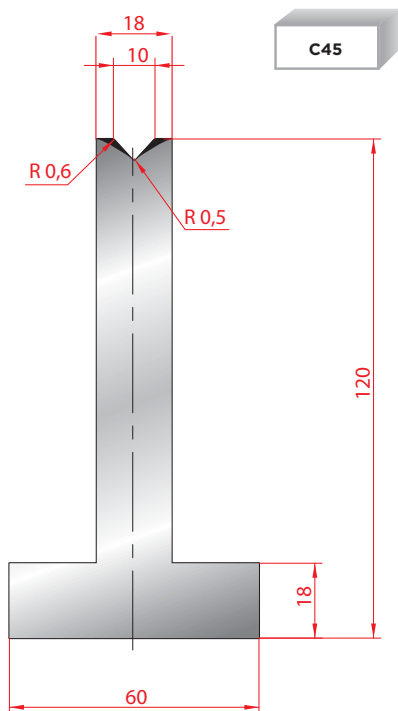
3093

Max T/m=100



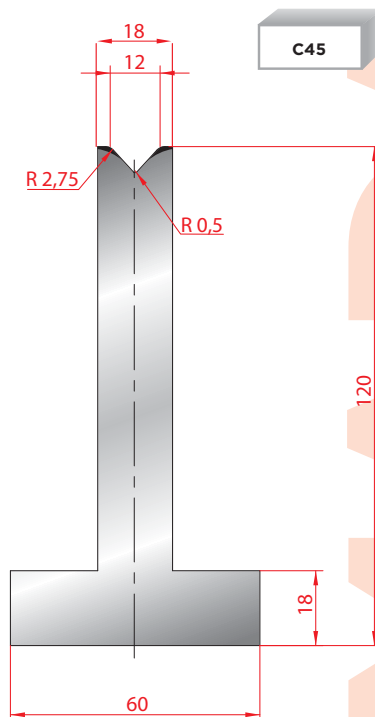
3094

Max T/m=100



3095

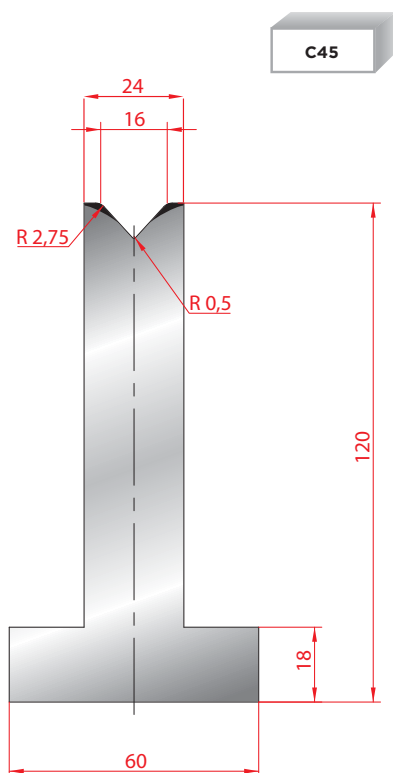
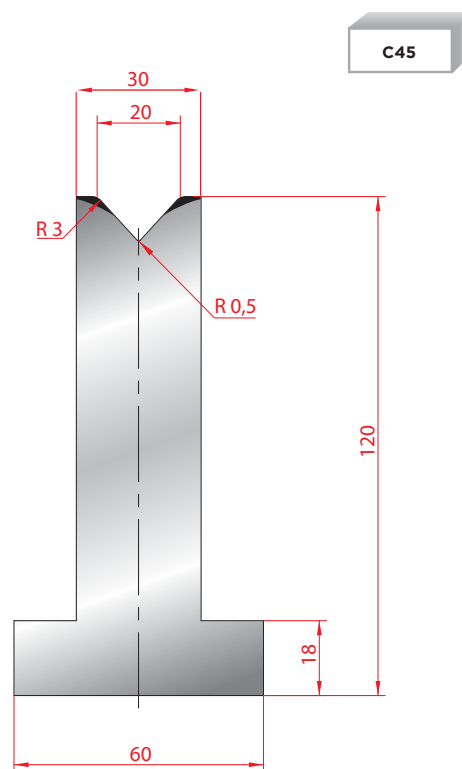
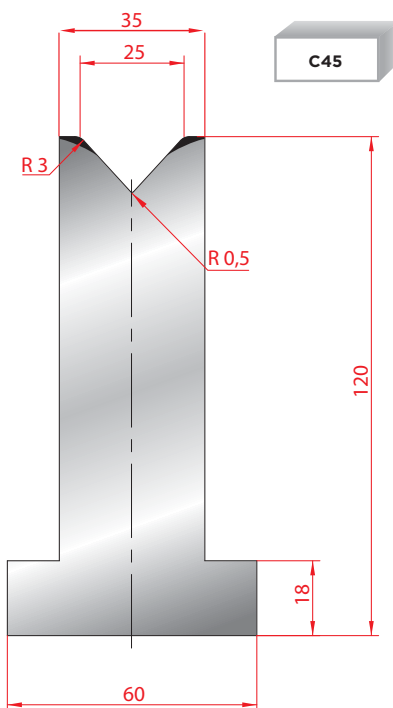
Max T/m=100



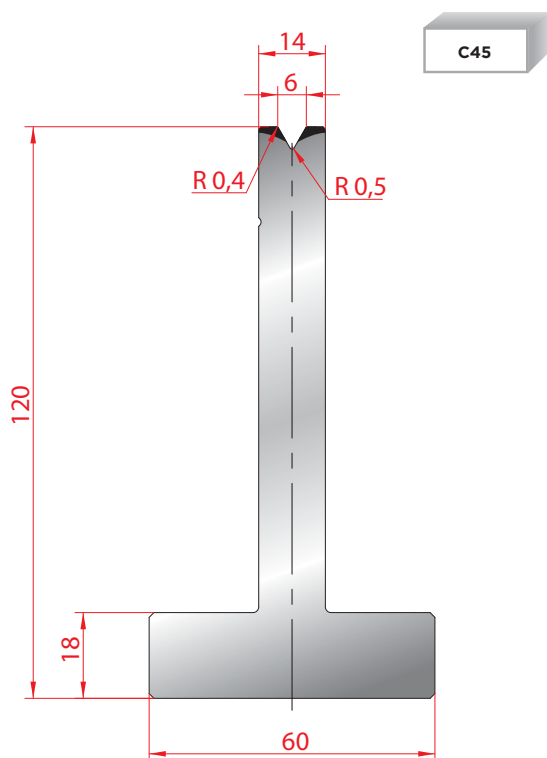
3096

Max T/m=100

MATRICI T H120 - 85° / T DIES H120 - 85°

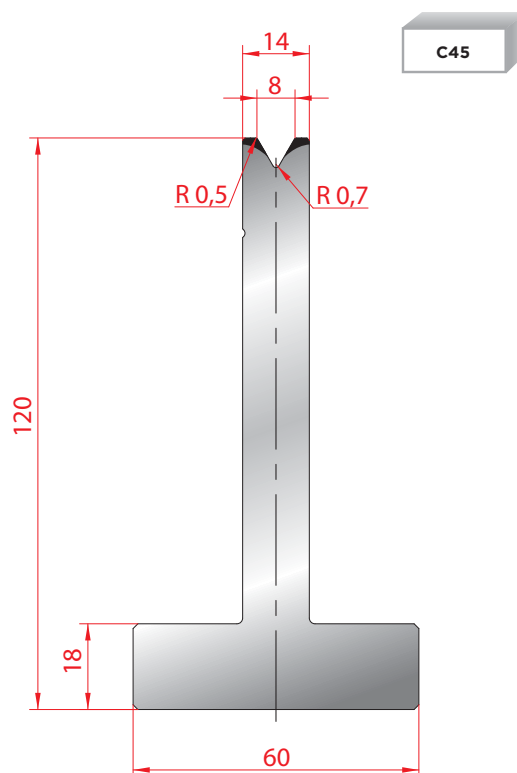
**3097****Max T/m=100****3098****Max T/m=100****3099****Max T/m=100**

MATRICI T H120 - 60° / T DIES H120 - 60°



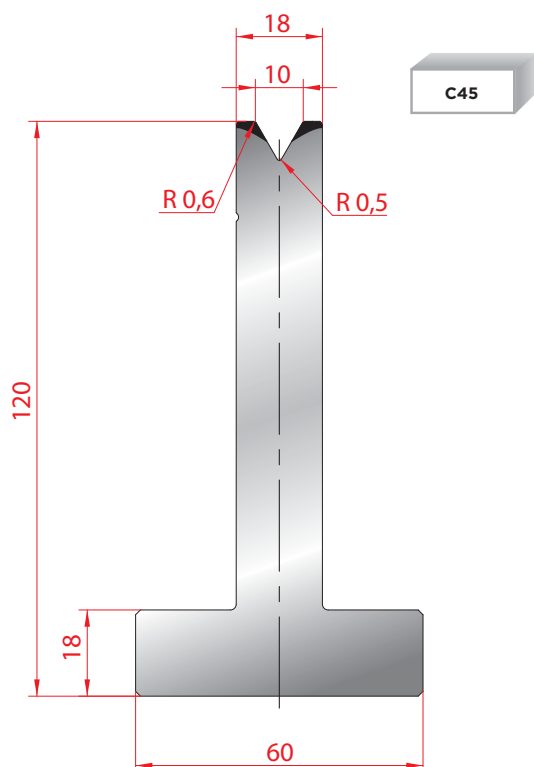
3059

Max T/m=60



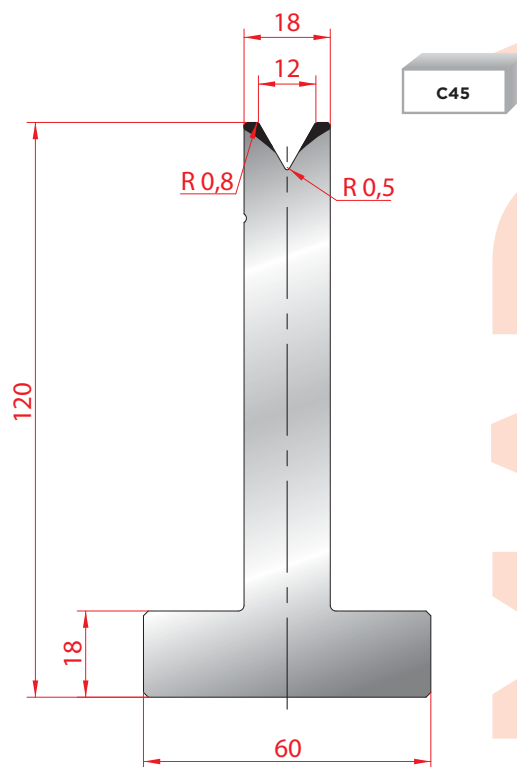
3060

Max T/m=60



3061

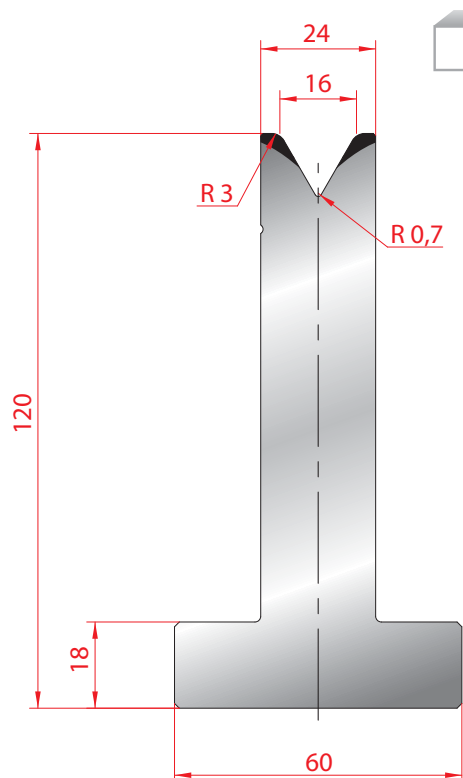
Max T/m=60



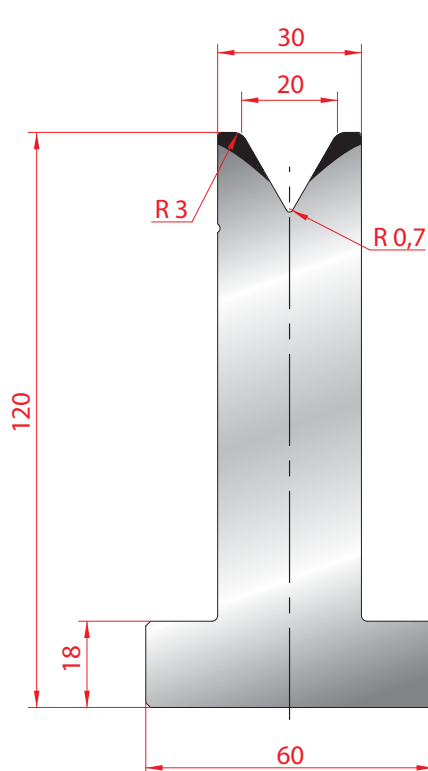
3062

Max T/m=75

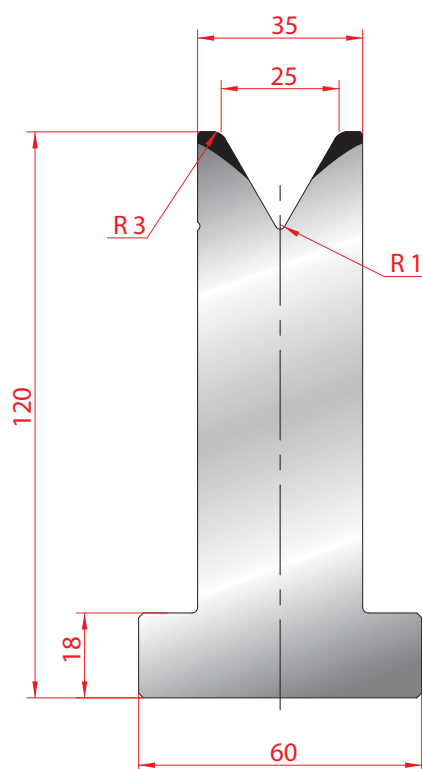
MATRICI T H120 - 60° / T DIES H120 - 60°

**3063**

Max T/m=70

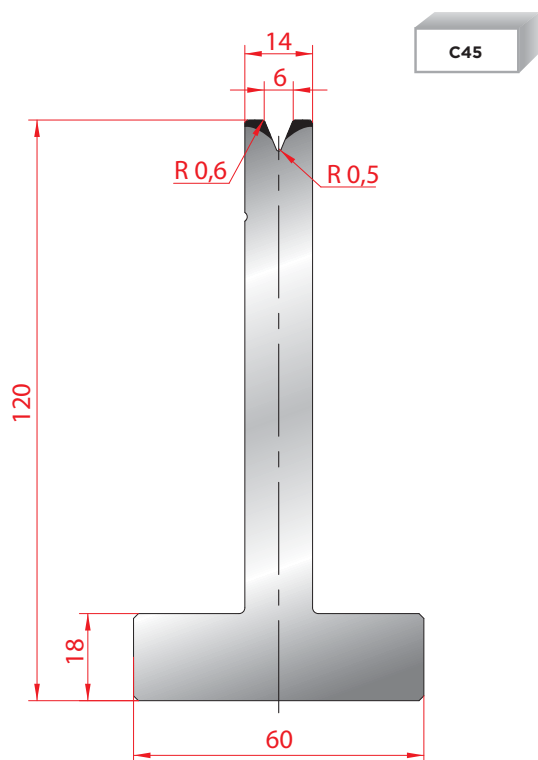
**3064**

Max T/m=65

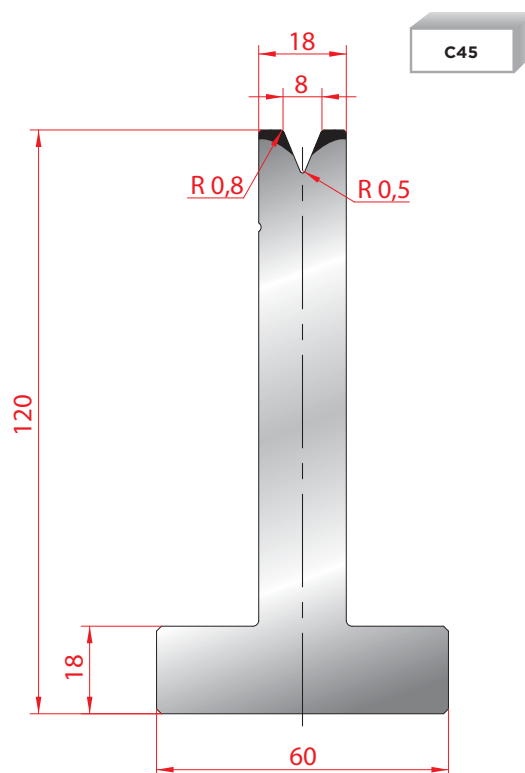
**3065**

Max T/m=60

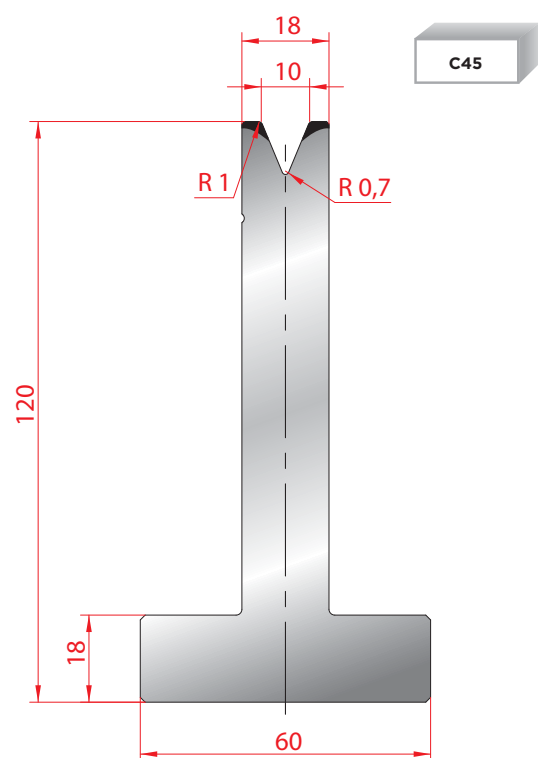
MATRICI T H120 - 45° / T DIES H120 - 45°

**3066**

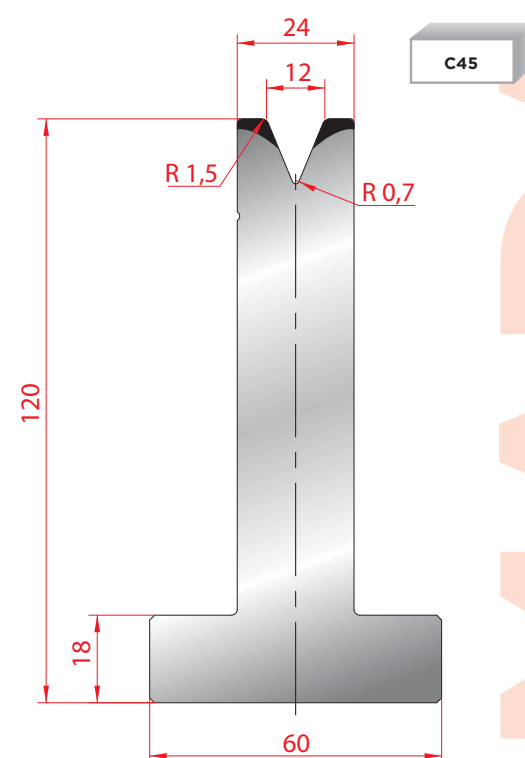
Max T/m=50

**3067**

Max T/m=50

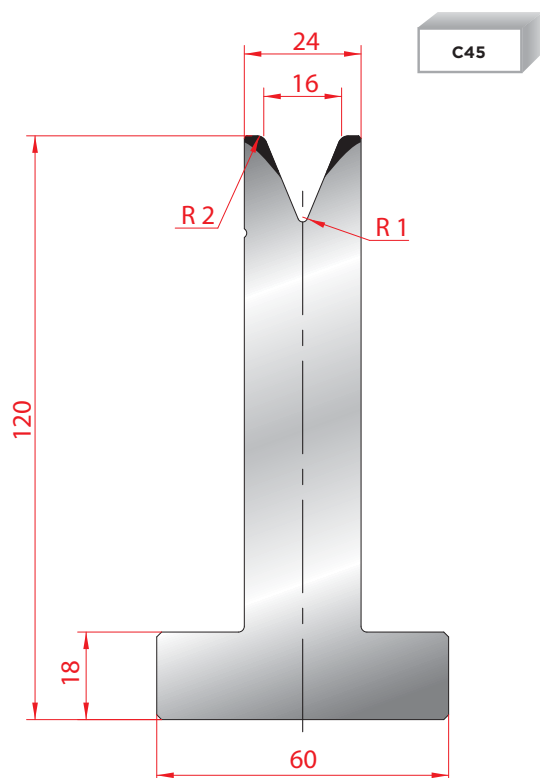
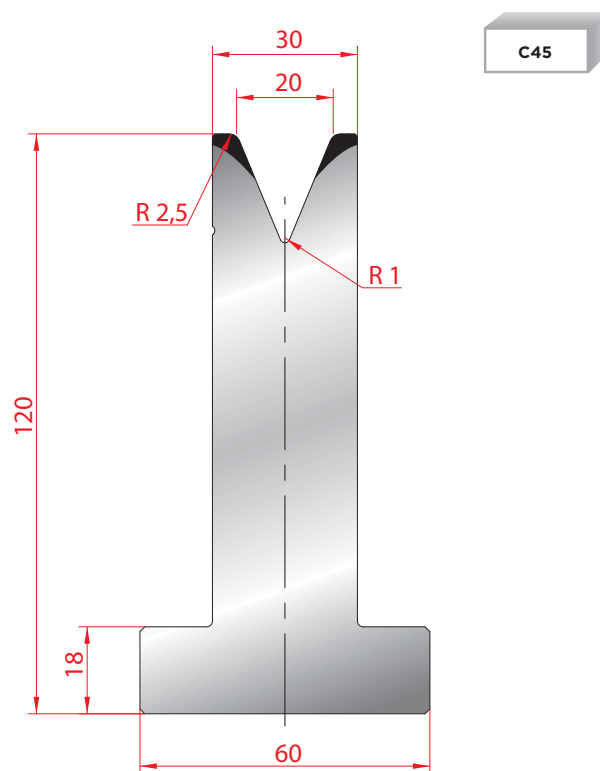
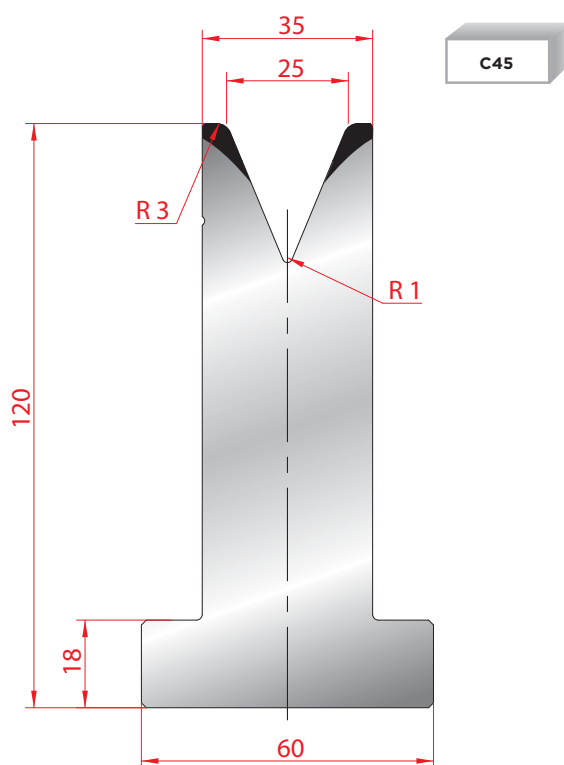
**3068**

Max T/m=50

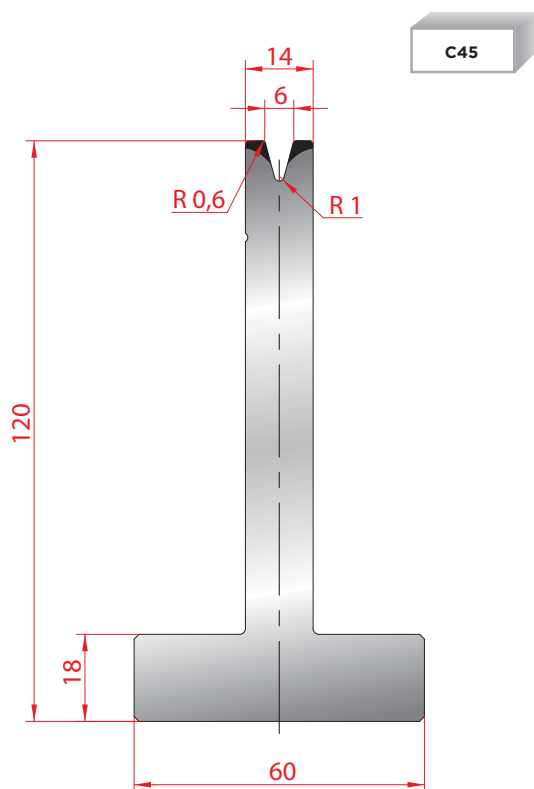
**3069**

Max T/m=50

MATRICI T H120 - 45° / T DIES H120 - 45°

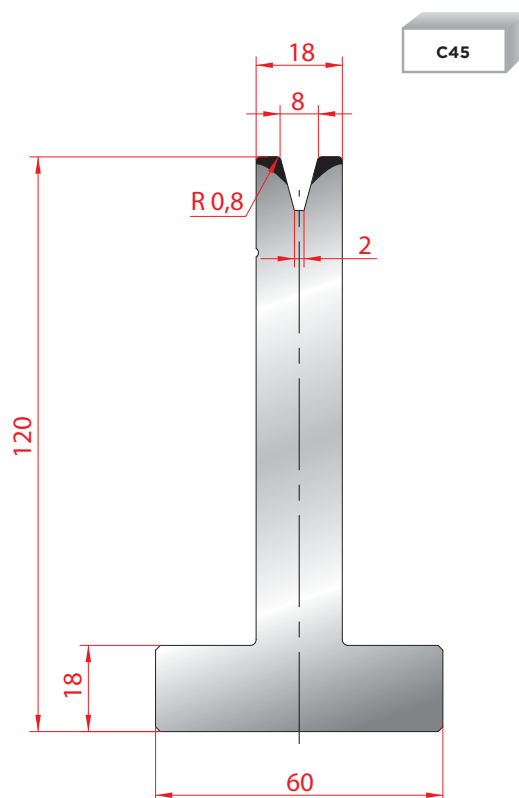
**3070****Max T/m=50****3071****Max T/m=50****3072****Max T/m=50**

MATRICI T H120 - 30° / T DIES H120 - 30°



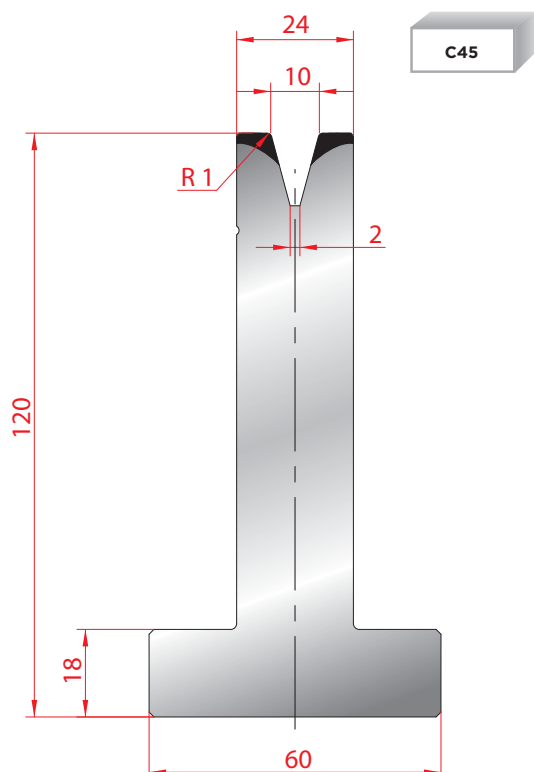
3073

Max T/m=35



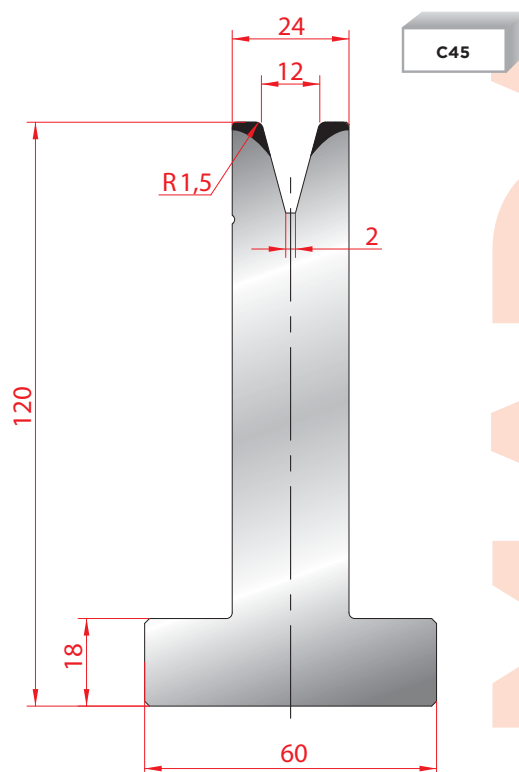
3074

Max T/m=40



3075

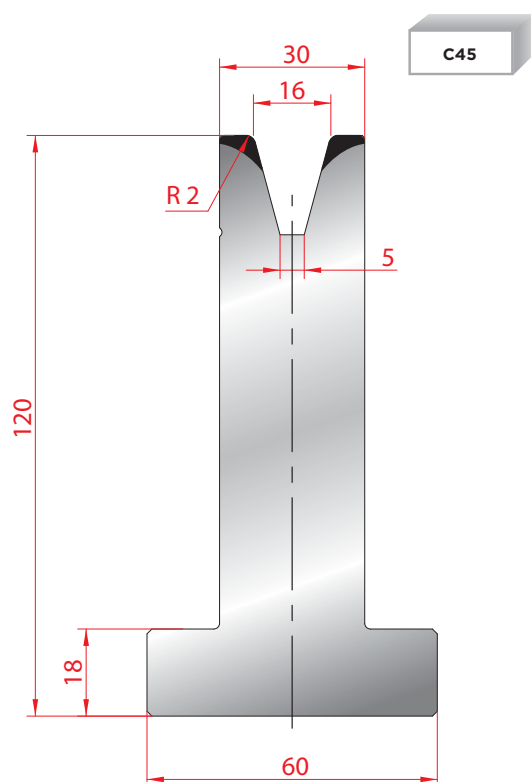
Max T/m=50



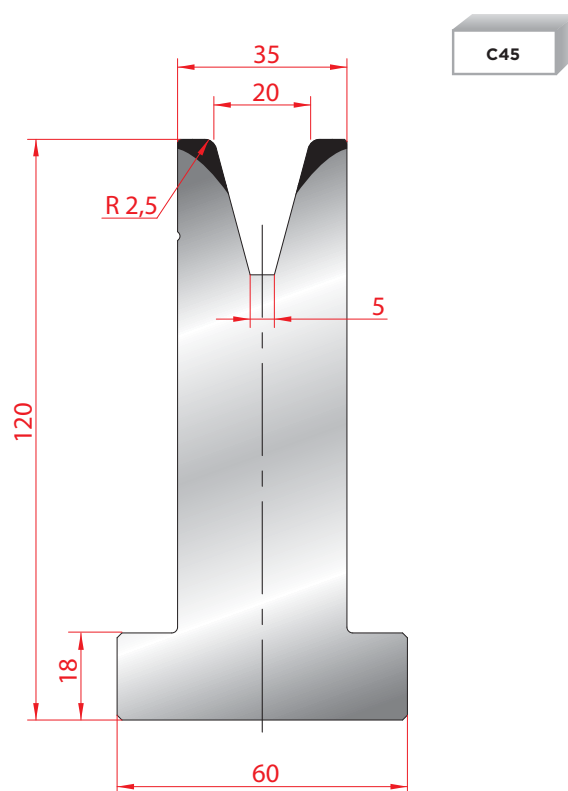
3076

Max T/m=50

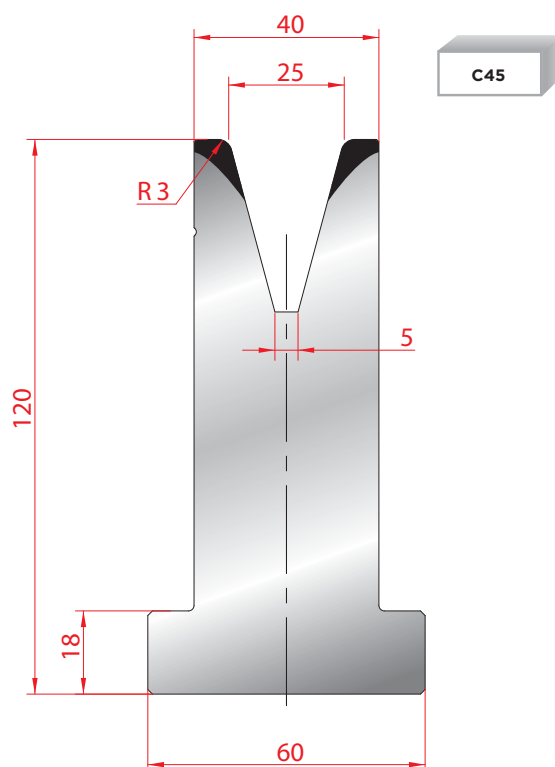
MATRICI T H120 - 30° / T DIES H120 - 30°

**3077**

Max T/m=50

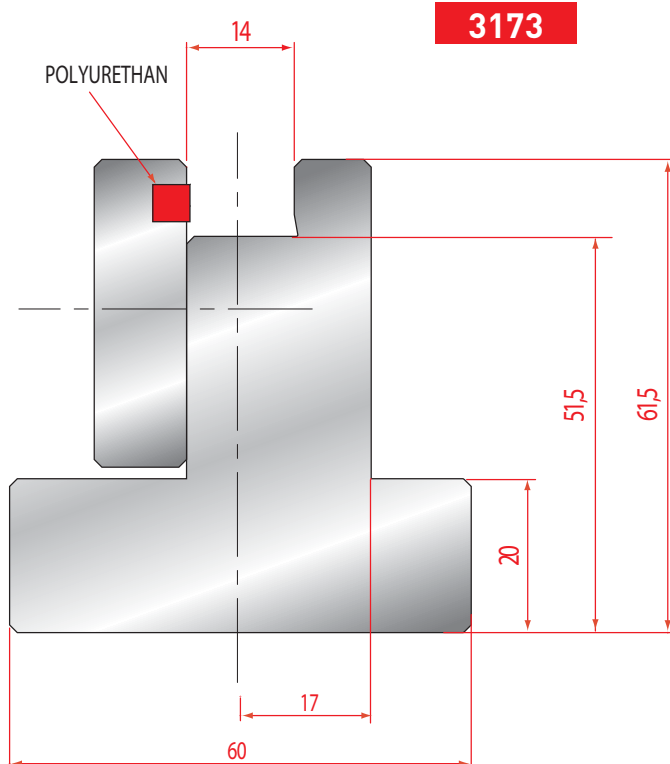
**3078**

Max T/m=55

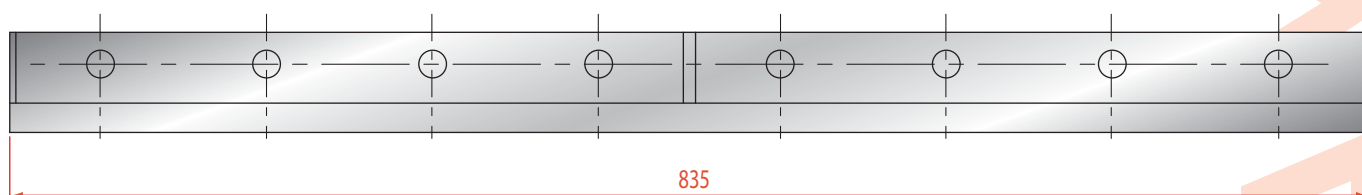
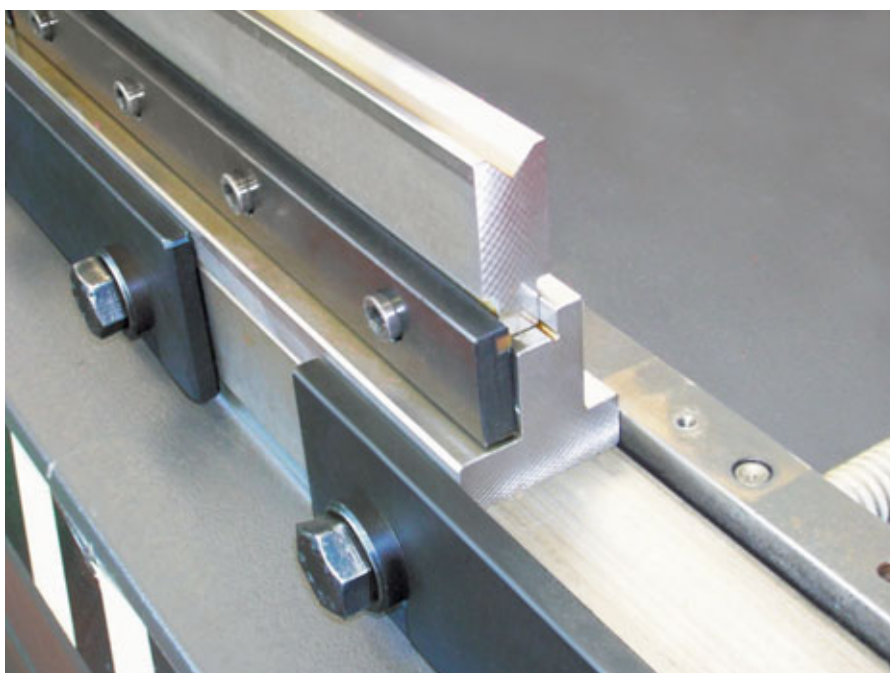
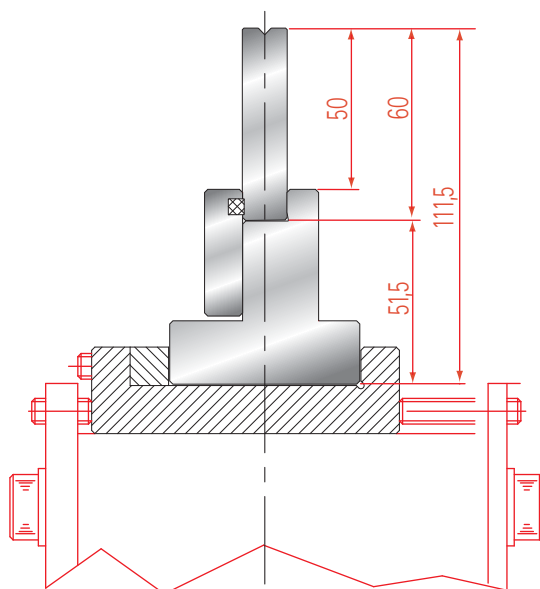
**3079**

Max T/m=50

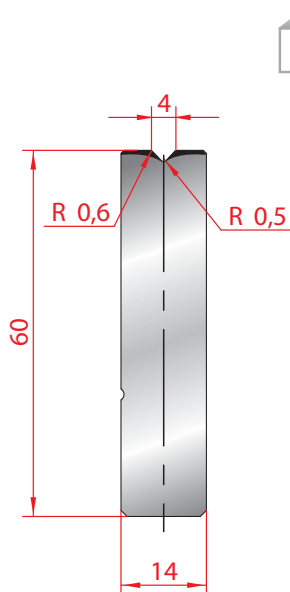
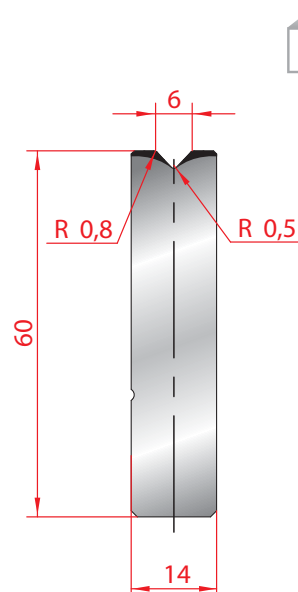
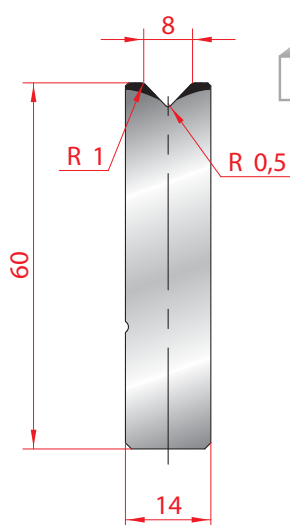
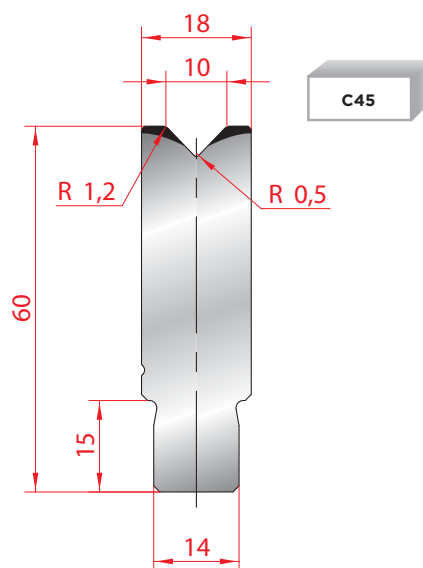
SUPPORTO PER INSERTI MATRICE / DIE INSERTS HOLDER



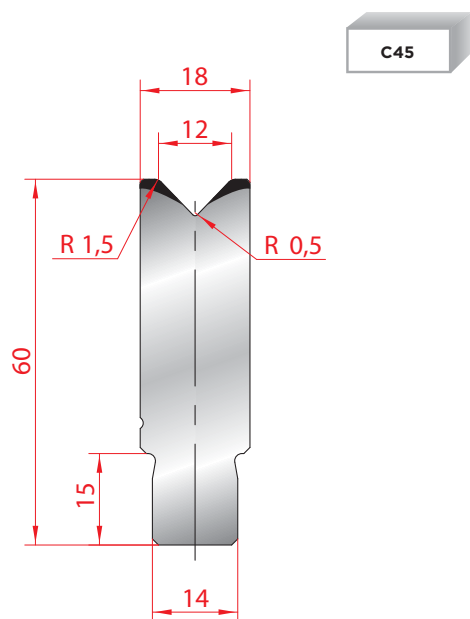
Esempio di montaggio /
Assembly example



INSERTI MATRICE - 88° / DIE INSERTS - 88°

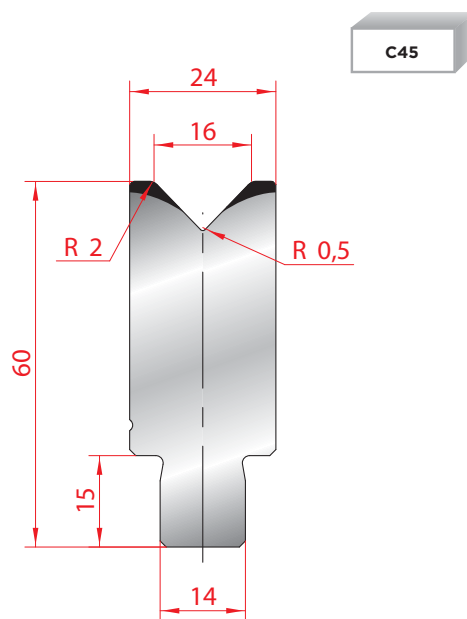
**3158****Max T/m=100****3159****Max T/m=100****3160****Max T/m=100****3161****Max T/m=100**

INSERTI MATRICE - 88° / DIE INSERTS - 88°



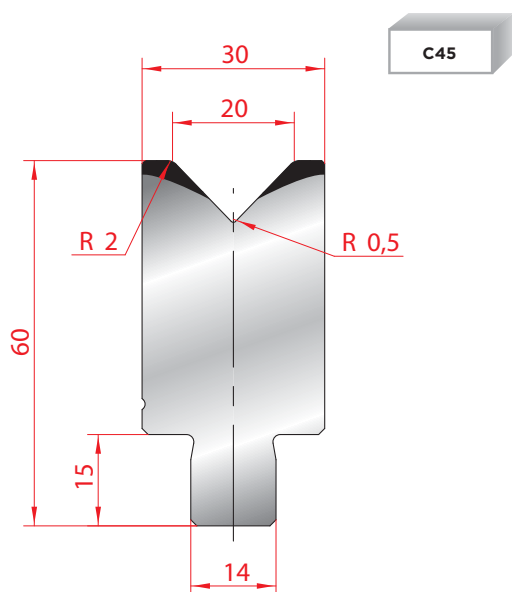
3162

Max T/m=100



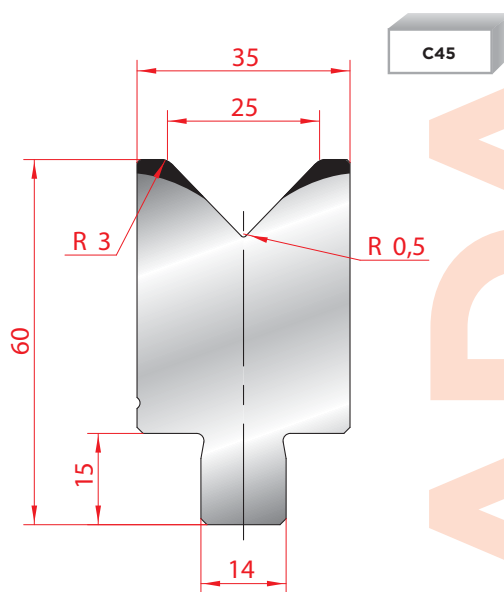
3163

Max T/m=100



3164

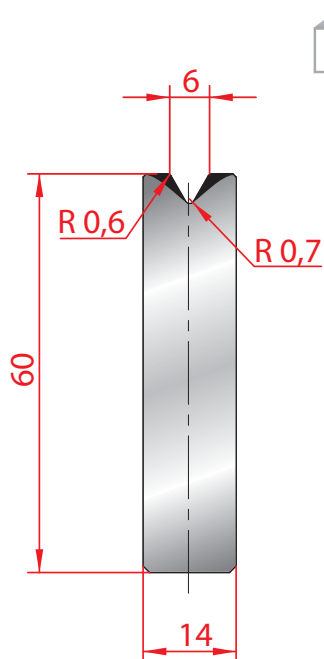
Max T/m=100



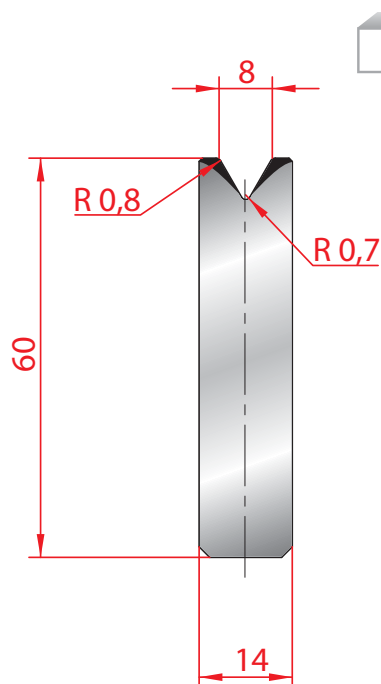
3165

Max T/m=100

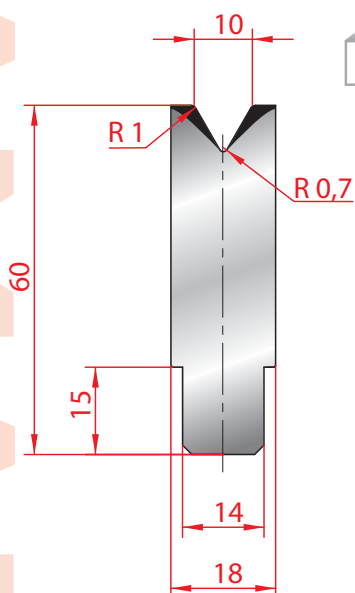
INSERTI MATRICE - 60° / DIE INSERTS - 60°

**3193**

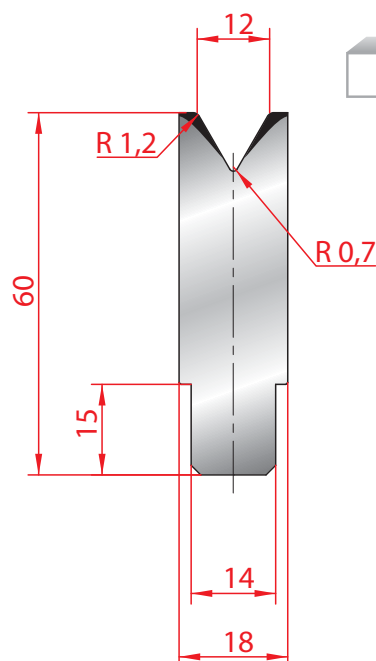
Max T/m=100

**3194**

Max T/m=100

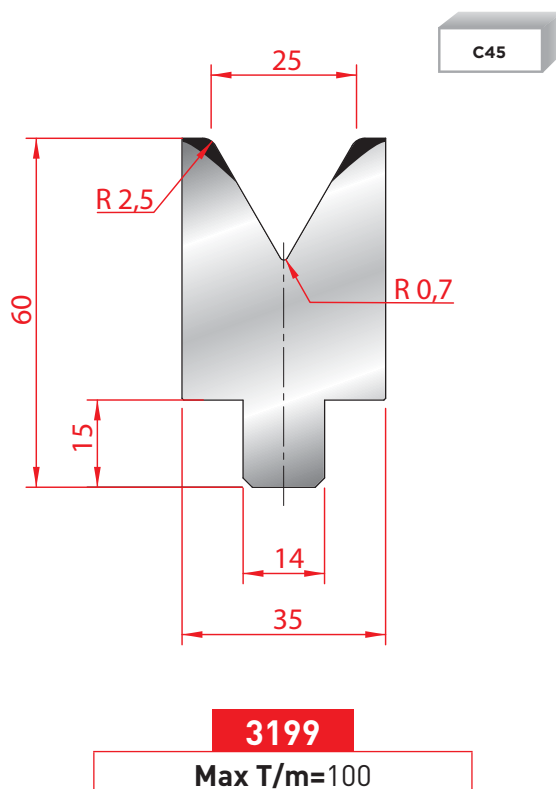
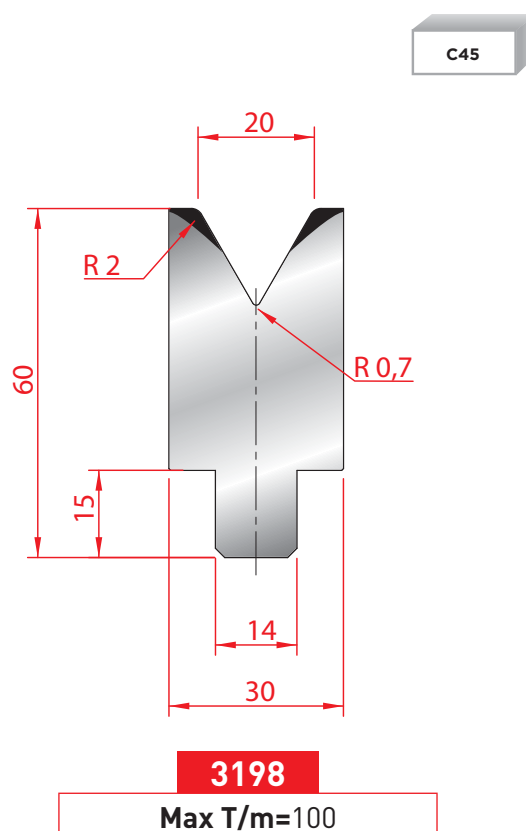
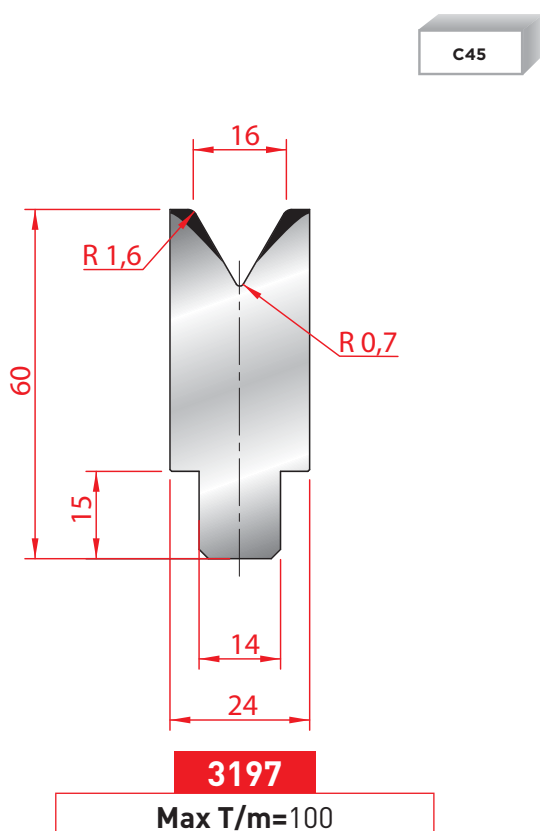
**3195**

Max T/m=100

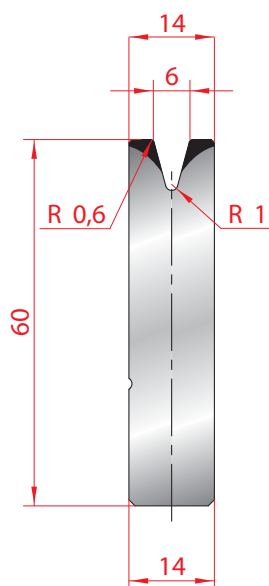
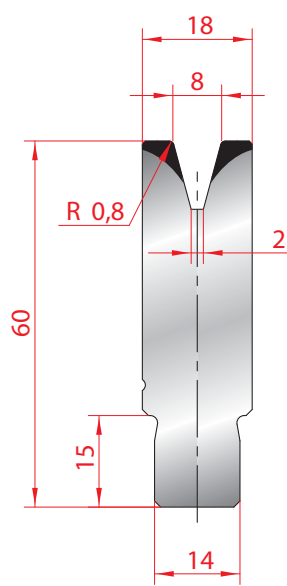
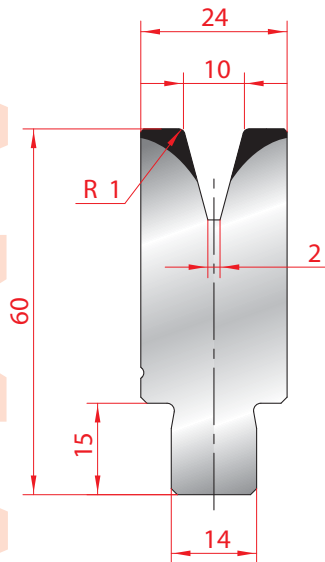
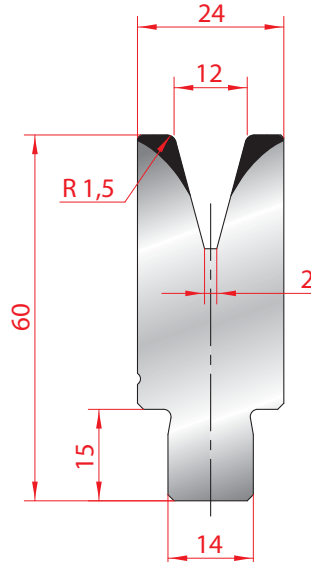
**3196**

Max T/m=100

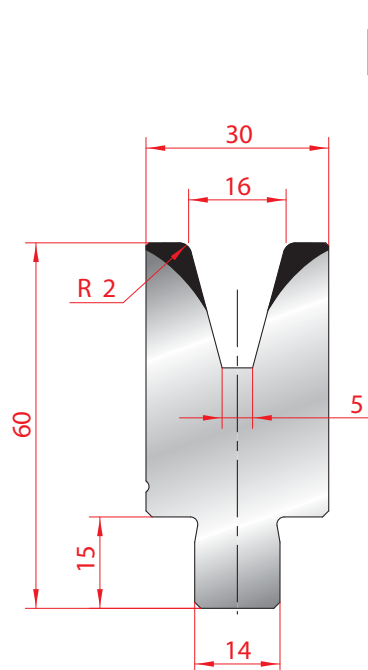
INSERTI MATRICE - 60° / DIE INSERTS - 60°



INSERTI MATRICE - 30° / DIE INSERTS - 30°

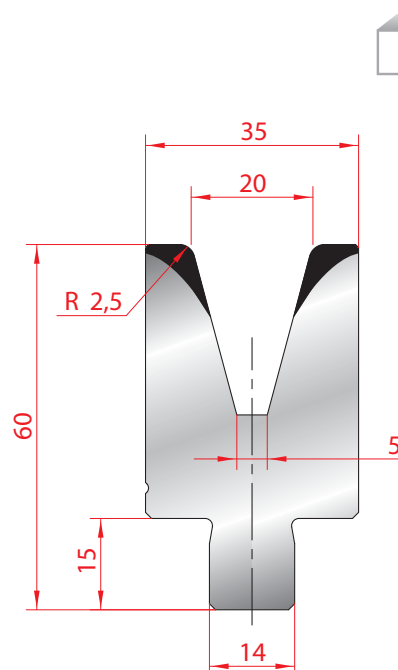
**3166****Max T/m=35****3167****Max T/m=40****3168****Max T/m=50****3169****Max T/m=50**

INSERTI MATRICE - 30° / DIE INSERTS - 30°



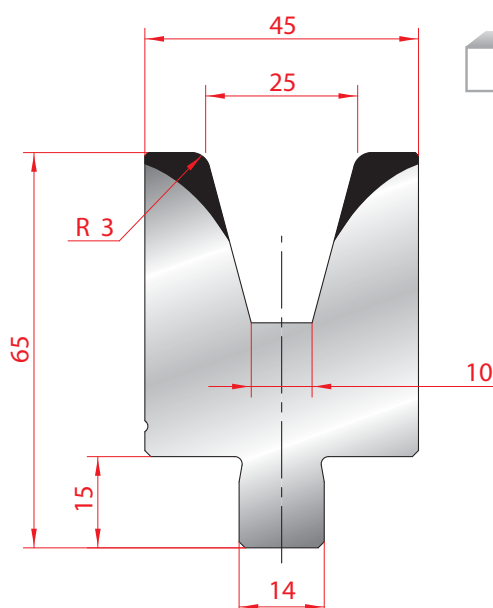
3170

Max T/m=50



3171

Max T/m=55



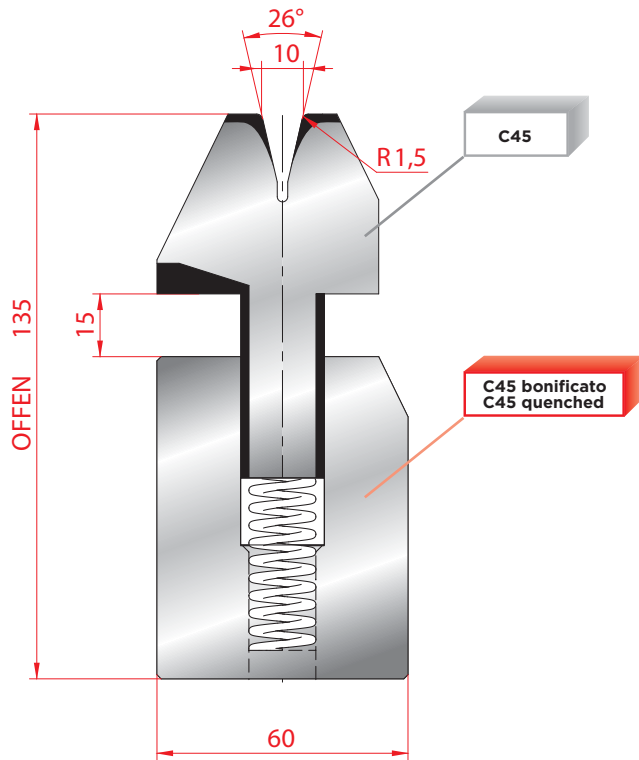
3172

Max T/m=55

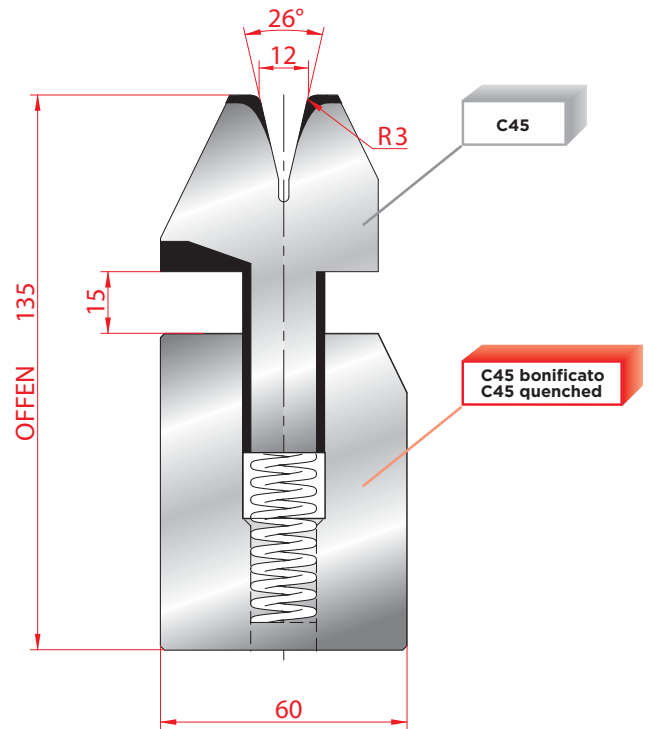


AMADA

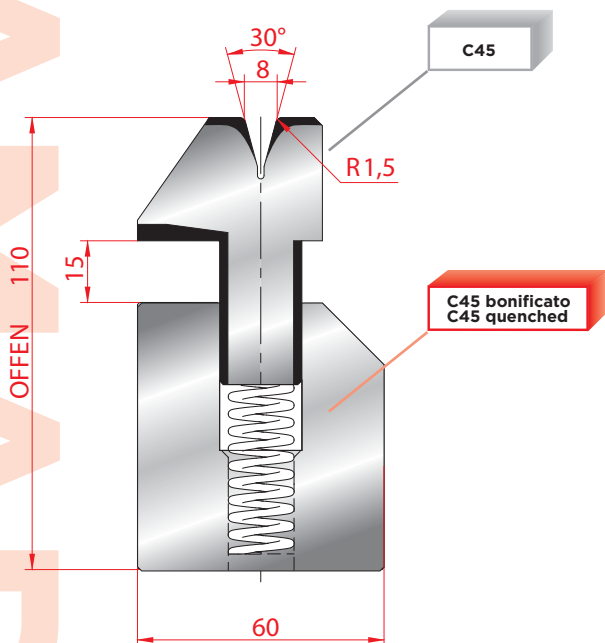
PIEGASCHIACCIA / FLATTENING HEMMING TOOLS

**3038**

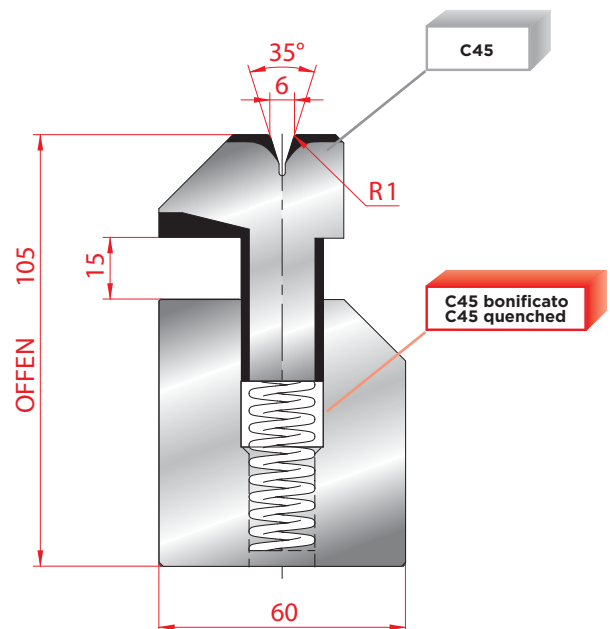
Spessore: da 15/10 a 25/10 **Max T/m=100**
Sheet metal thickness= from 1,5 to 2,5 mm

**3040**

Spessore: da 15/10 a 30/10 **Max T/m=100**
Sheet metal thickness= from 1,5 to 3,0 mm

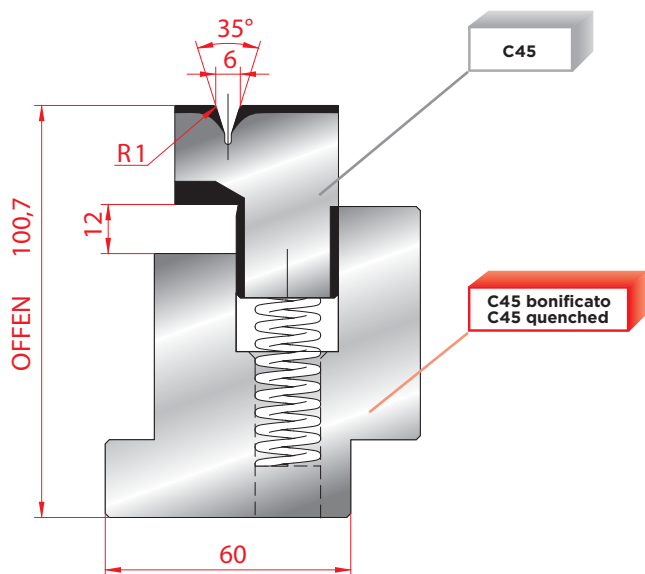
**3041**

Spessore: max 15/10 **Max T/m=80**
Sheet metal thickness= max 1,5 mm

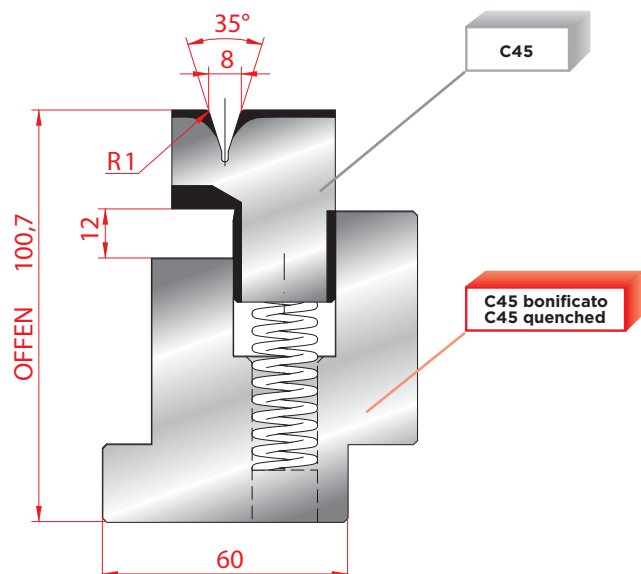
**3039**

Spessore: max 10/10 **Max T/m=80**
Sheet metal thickness= max 1,0 mm

PIEGASCHIACCIA / FLATTENING HEMMING TOOLS

**3037/6**

Spessore: max 10/10 **Max T/m=60**
Sheet metal thickness= max 1,0 mm

**3037/8**

Spessore: max 12/10 **Max T/m=60**
Sheet metal thickness= max 1,2 mm

Tabella di piegatura / Bending chart

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

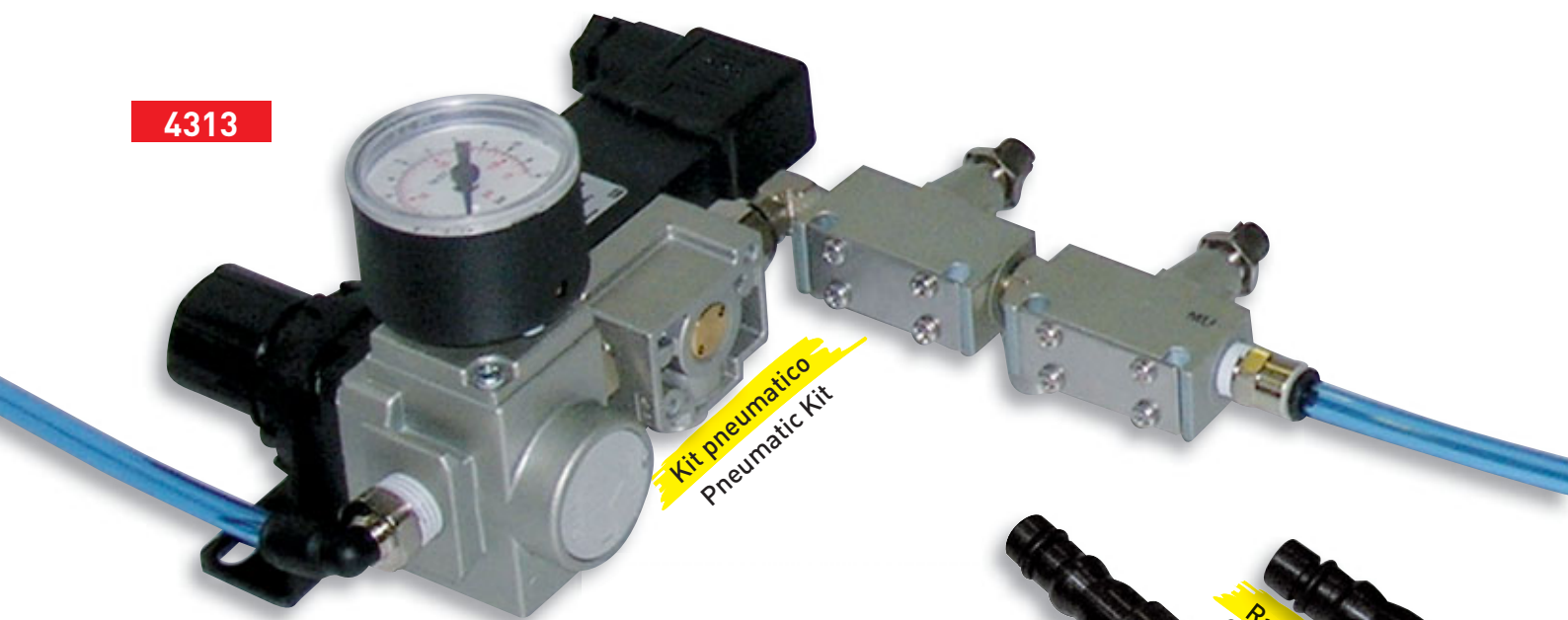
S mm	A mm	Ton /M	2xS	Ton /M
0,6	3	9	1,2	23
0,8	3	12	1,6	32
1	3,5	15	2	40
1,25	3,5	17	2,5	50
1,5	4,6	22	3	63
2	5,5	30	4	80
2,5	6,5	55	5	90
3	8	70	6	100

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

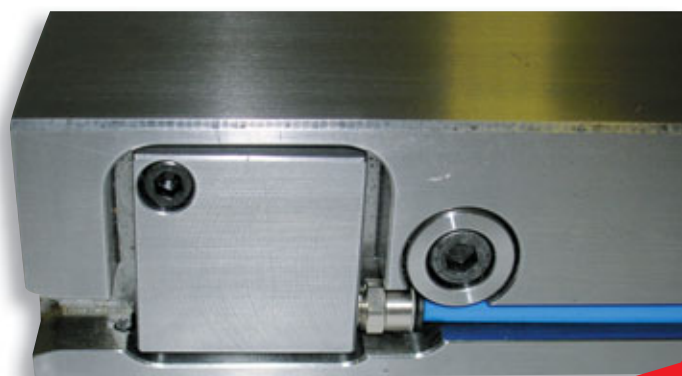
S mm	A mm	Ton /M	2xS	Ton /M
0,6	3	15	1,2	35
0,8	3	20	1,6	50
1	3,5	25	2	60
1,25	3,5	26	2,5	80
1,5	4,6	38	3	95
2	5,5	50	4	130

PIEGASCHIACCIA PNEUMATICI / PNEUMATIC FLATTENING HEMMING TOOLS

4313



	V	A	R	H aperto/open	Max T/M
3038 PN	10	26°	1,5	135	100
3039 PN	6	35°	1	105	80
3040 PN	12	26°	3	135	100
3041 PN	8	30°	1,5	110	80



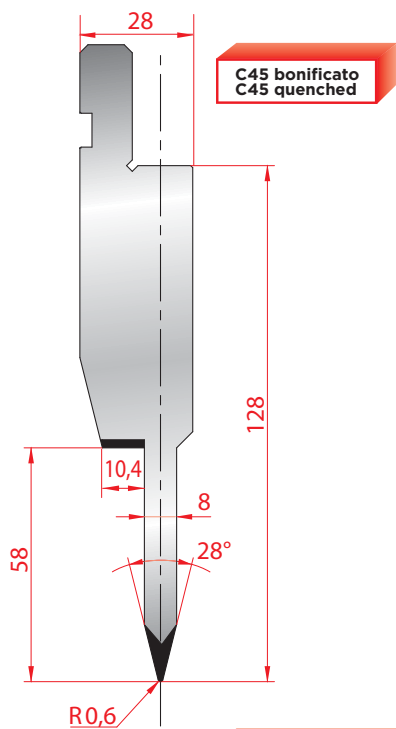
PIEGASCHIACCIA / FLATTENING HEMMING TOOLS

835-415 Frazionato (Bonificato) / Segmented (Quenched)

1195

Max T/m=80

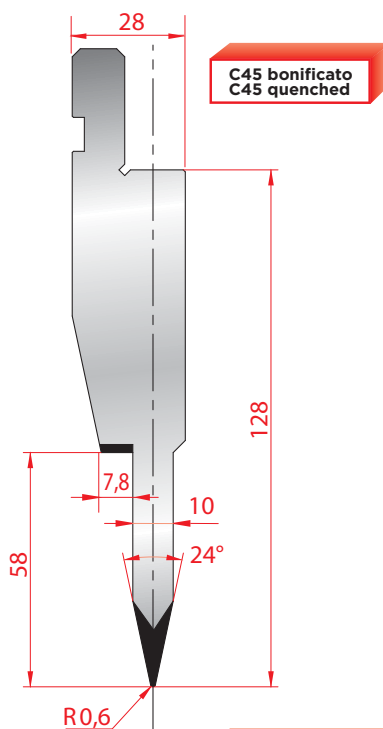
spessore max di lamiera (ferro normale) 1,2 mm
max sheet metal thickness mild steel 1,2 mm



1196

Max T/m=80

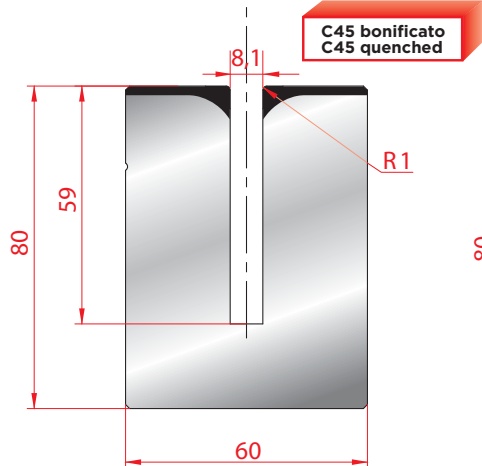
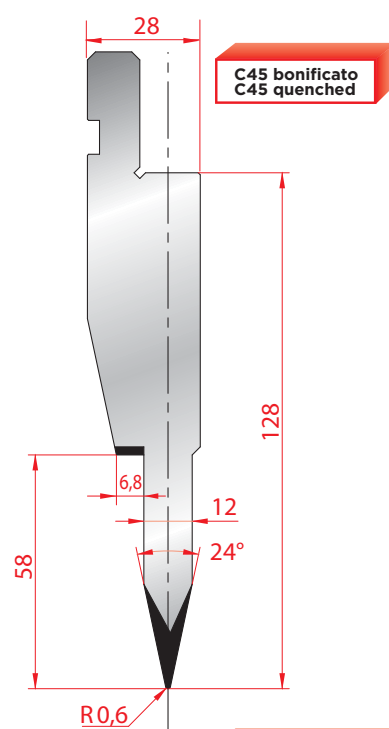
spessore max di lamiera (ferro normale) 1,5 mm
max sheet metal thickness mild steel 1,5 mm



1197

Max T/m=80

spessore max di lamiera (ferro normale) 1,5 mm
max sheet metal thickness mild steel 1,5 mm



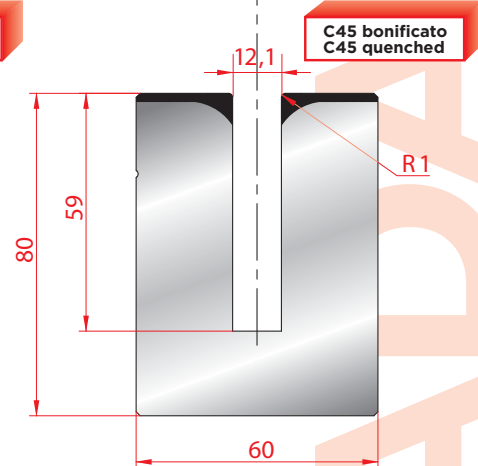
3176

Max T/m=50



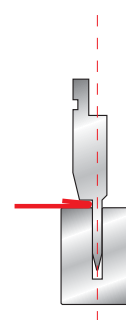
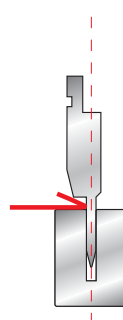
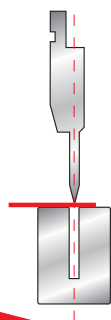
3177

Max T/m=50



3178

Max T/m=50



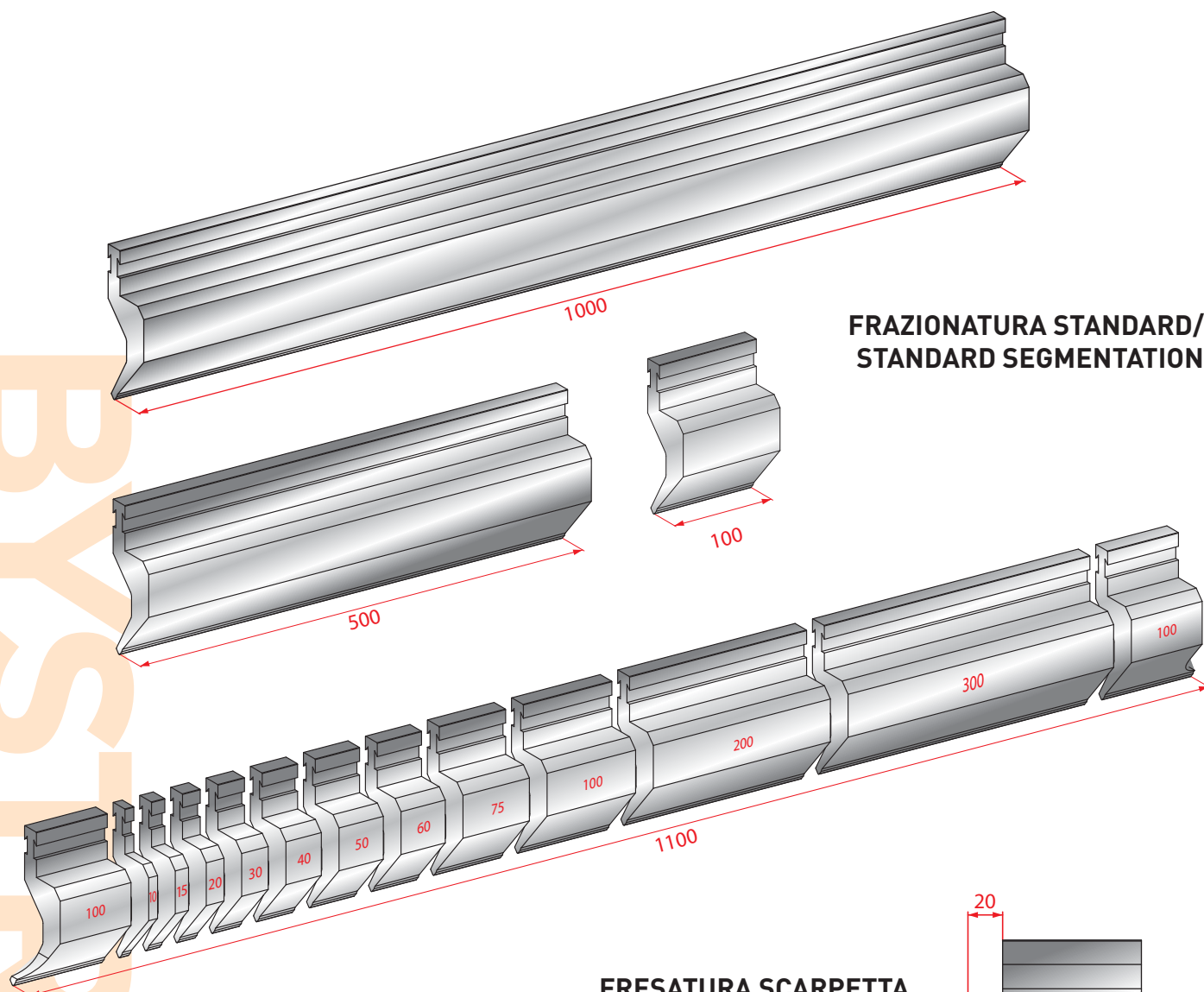
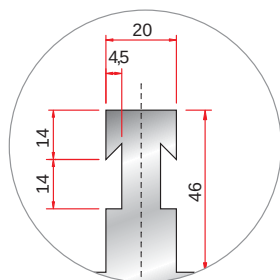
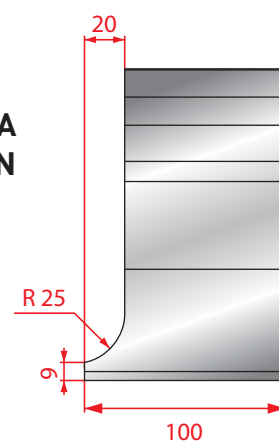
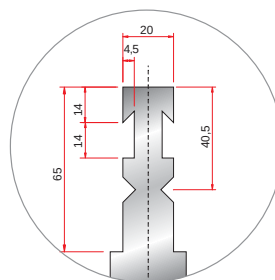
BYS TRONIC

BYSTRONIC

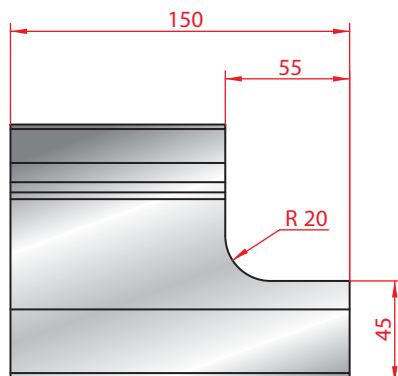
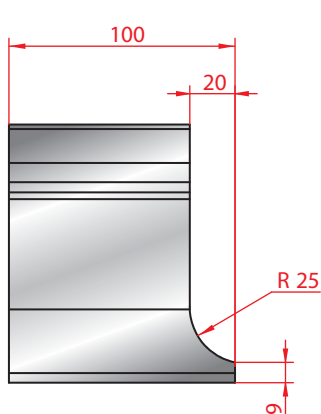
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PUNZONI / PUNCHES

FRAZIONATURA STANDARD/
STANDARD SEGMENTATIONFRESATURA SCARPETTA
MILLED HORNBYSTRONIC R
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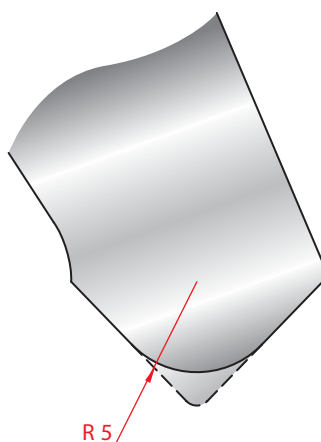
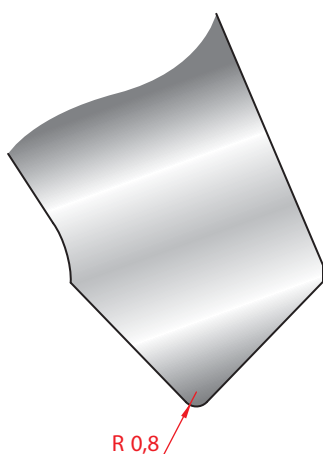
MODIFICHE A RICHIESTA / MODIFICATIONS ON REQUEST



SCARPETTE SPECIALI /
SPECIAL HORNS

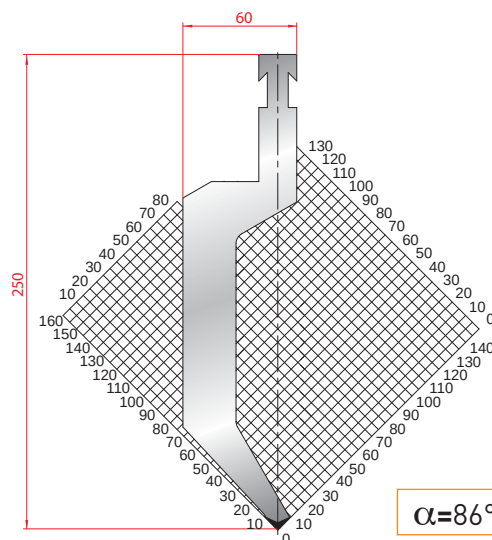


TAGLI A RICHIESTA /
SPECIAL SEGMENTATION



MODIFICA RAGGIO /
RADIUS MODIFICATION

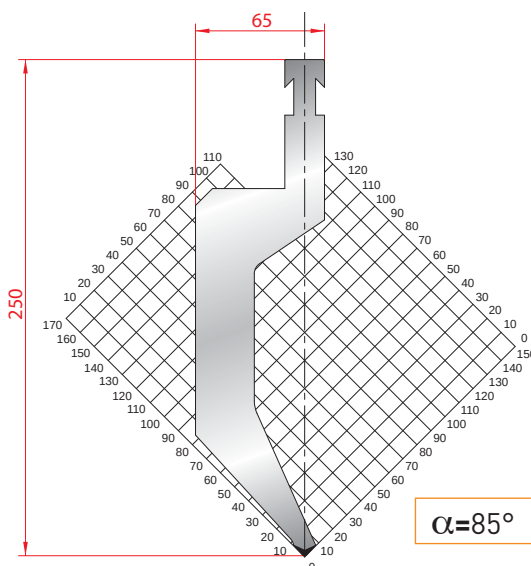
PUNZONI - 86° / PUNCHES - 86°

42CrMo4 bonificato
42CrMo4 quenchedATTACCO RF-A
INCLUSO SU RICHIESTA
RF-A TANG INCLUDED
ON DEMAND

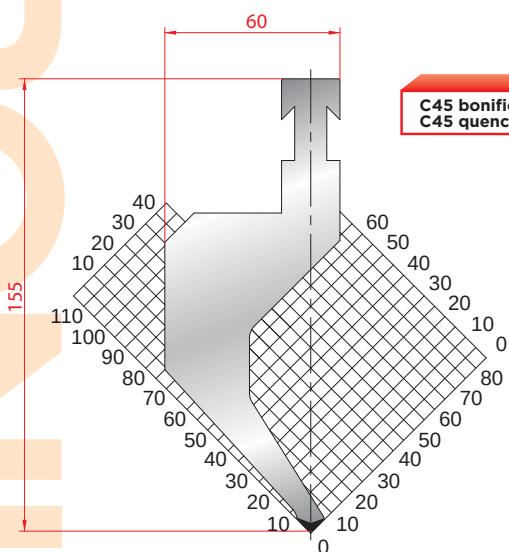
1298

 $\alpha=86^\circ$ R=1.5 H=250.00 Max T/m=60

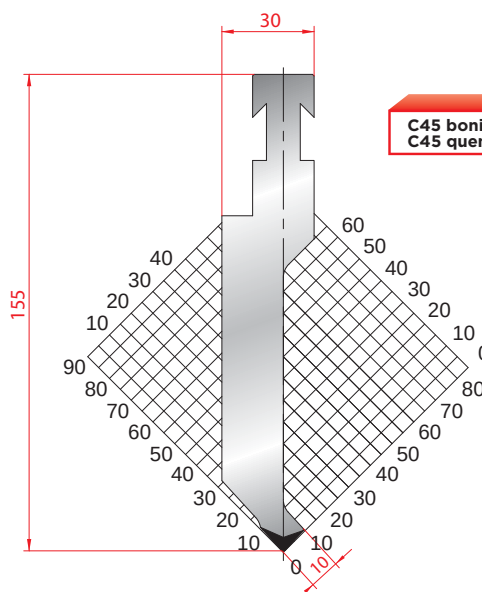
PUNZONI - 85° / PUNCHES - 85°

42CrMo4 bonificato
42CrMo4 quenchednuovo
newATTACCO RF-A
INCLUSO SU RICHIESTA
RF-A TANG INCLUDED
ON DEMAND

1321

 $\alpha=85^\circ$ R=1.5 H=250.00 Max T/m=100C45 bonificato
C45 quenched

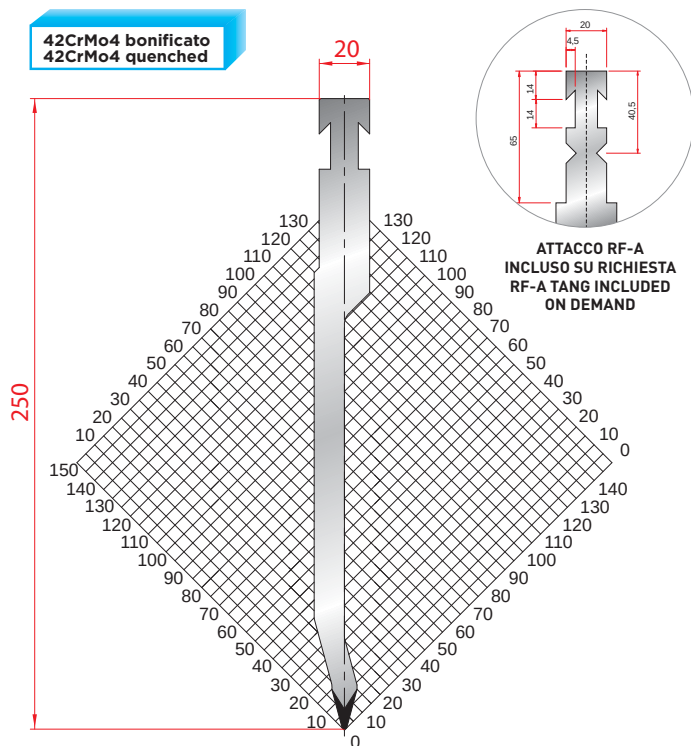
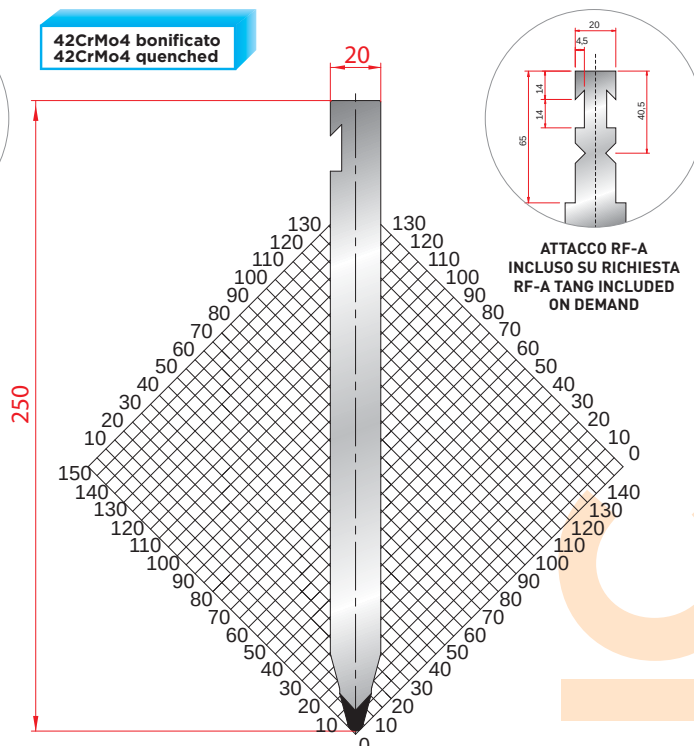
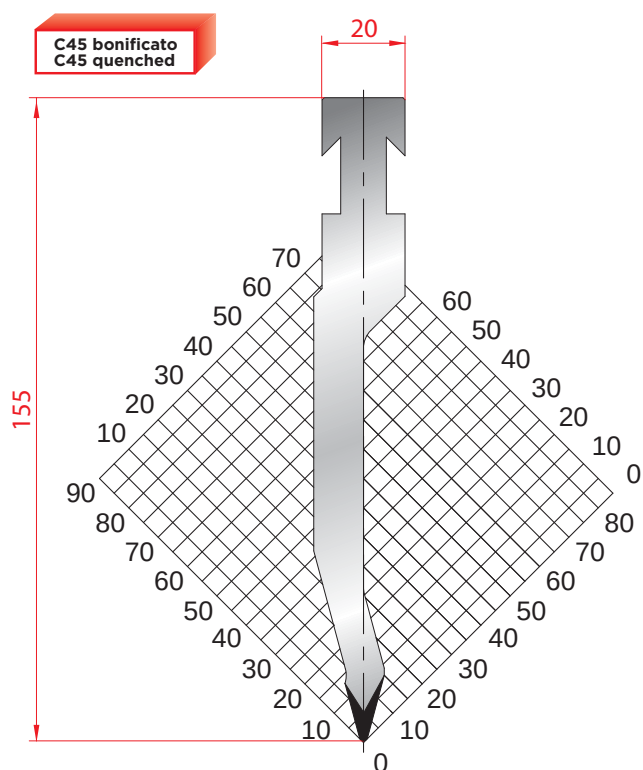
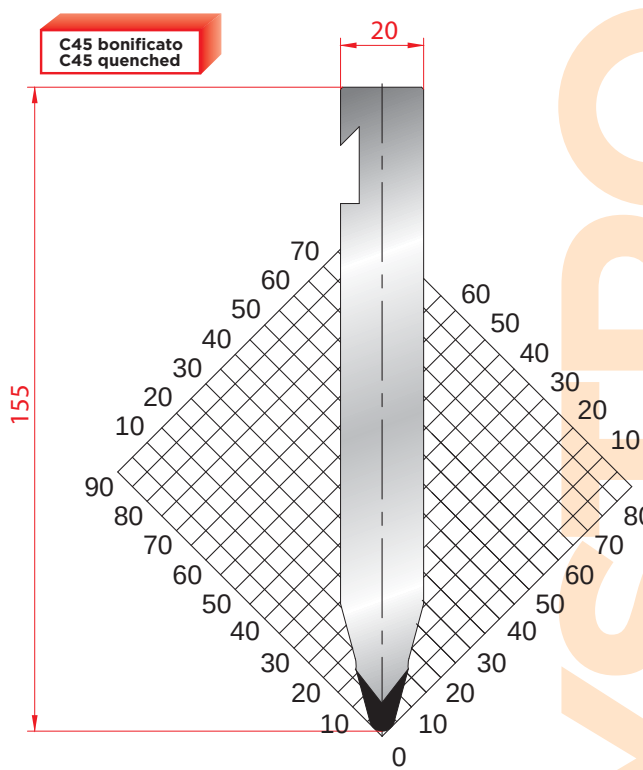
1216

 $\alpha=85^\circ$ R=1.5 H=155.00 Max T/m=50C45 bonificato
C45 quenched

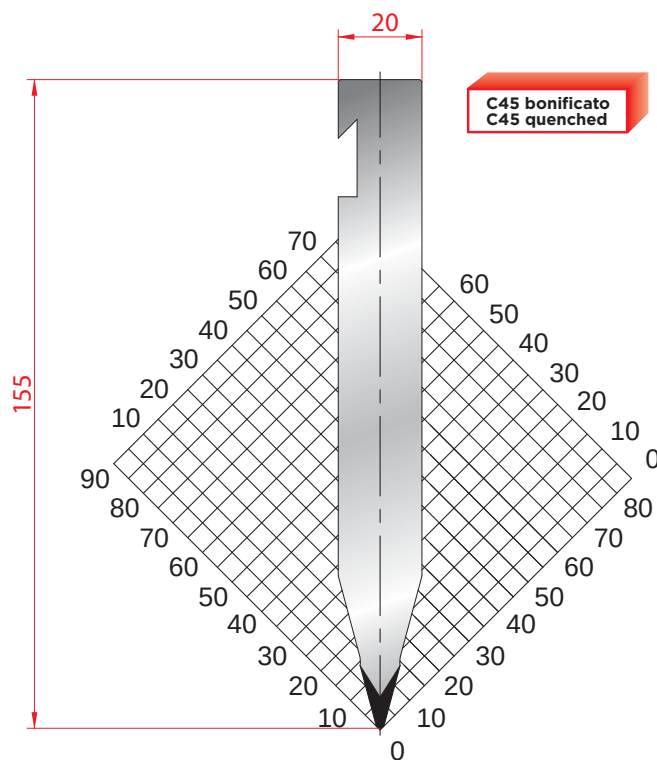
1218

 $\alpha=85^\circ$ R=1 H=155.00 Max T/m=100

PUNZONI - 30° / PUNCHES - 30°

**1299** $\alpha=30^\circ$ R=1 H=250.00 Max T/m=80**1300** $\alpha=30^\circ$ R=3 H=250.00 Max T/m=120**1220** $\alpha=30^\circ$ R=1 H=155.00 Max T/m=80**1225** $\alpha=30^\circ$ R=3 H=155.00 Max T/m=100

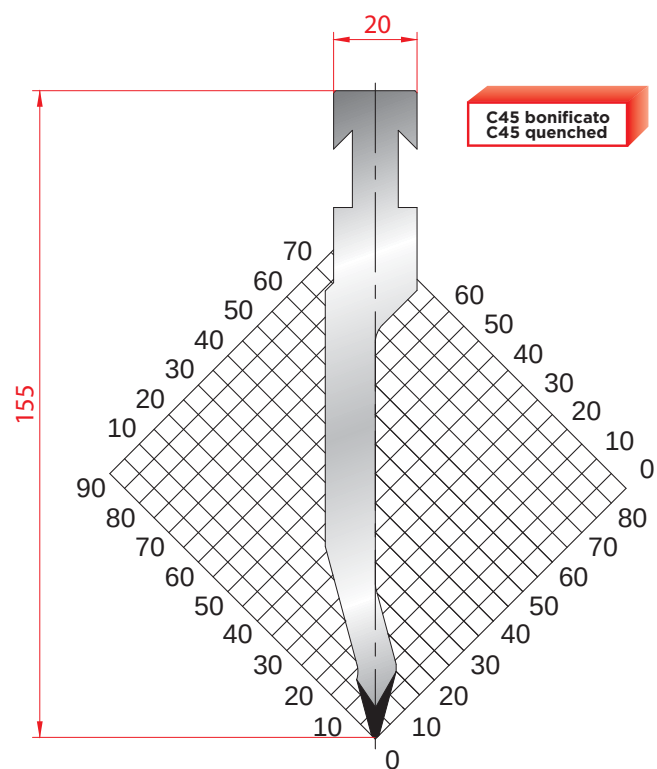
PUNZONI - 30° / PUNCHES - 30°



1226

 $\alpha=30^\circ$ R=1 H=155.00 Max T/m=100

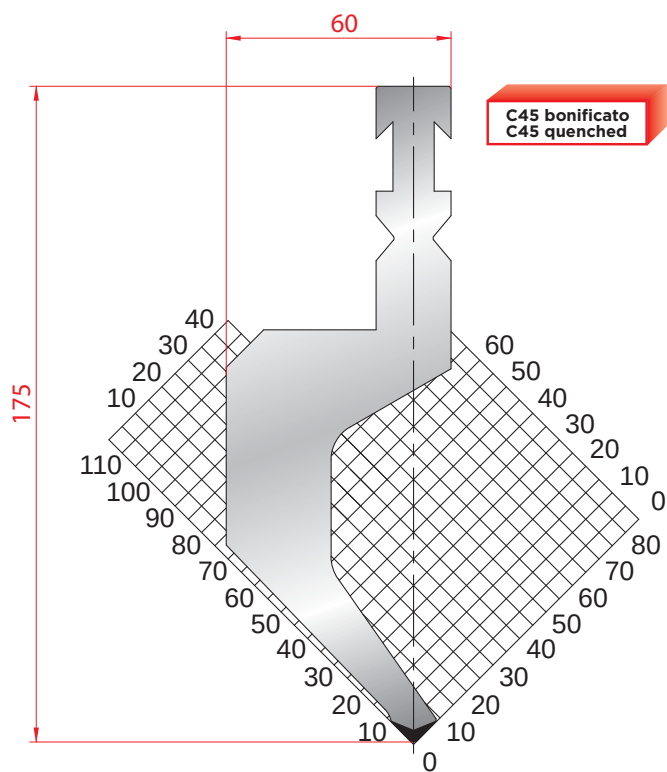
PUNZONI - 28° / PUNCHES - 28°



1221

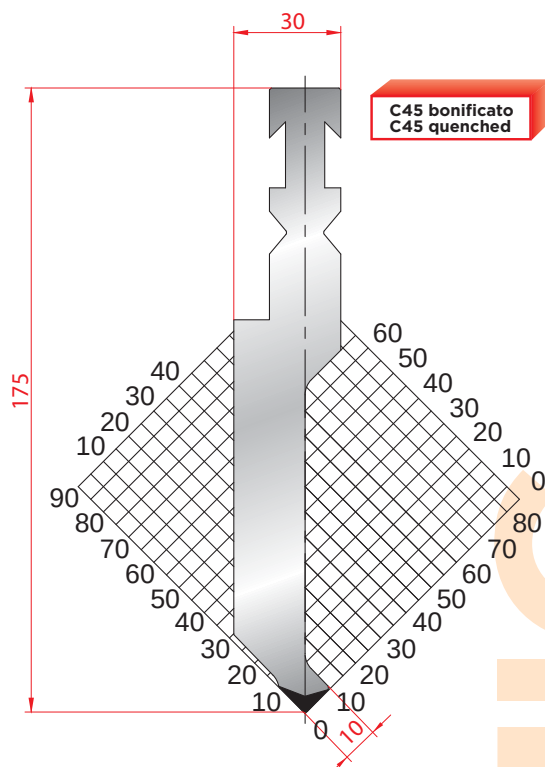
 $\alpha=28^\circ$ R=1 H=155.00 Max T/m=80

PUNZONI - 88° / PUNCHES - 88°



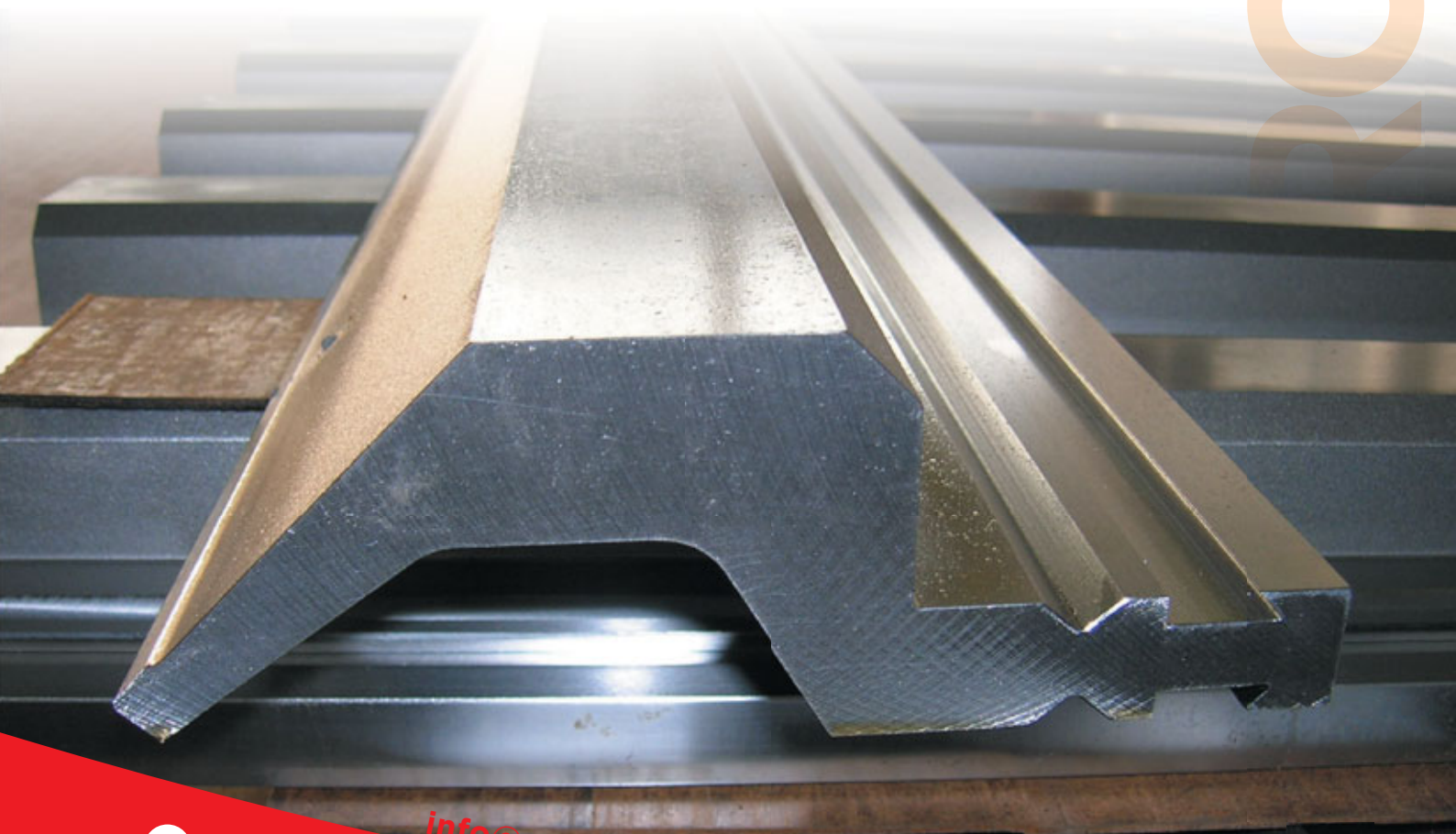
1227

$\alpha=88^\circ$ R=1.5 H=175.00 Max T/m=50

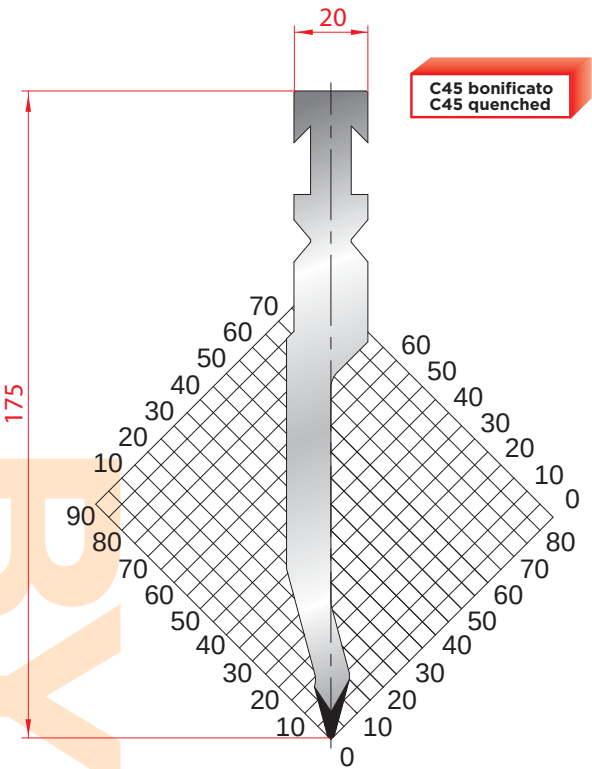


1229

$\alpha=88^\circ$ R=1 H=175.00 Max T/m=100

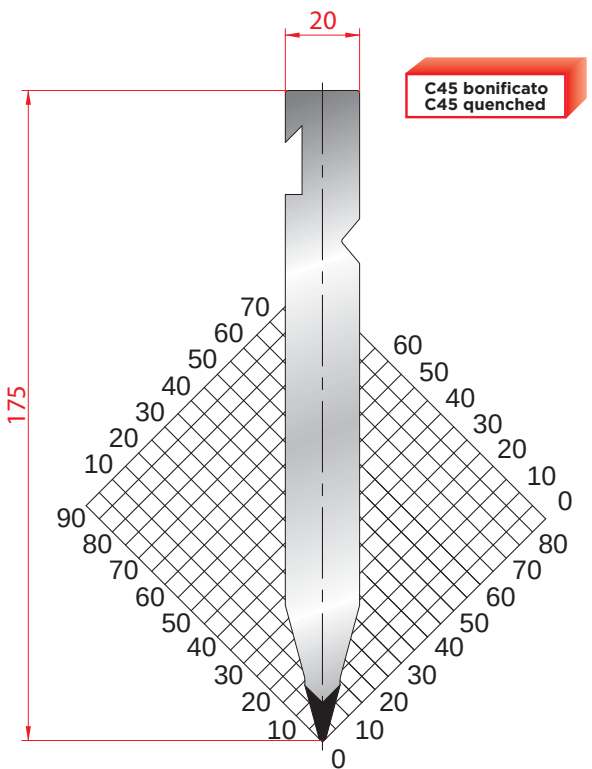


PUNZONI - 30° / PUNCHES - 30°



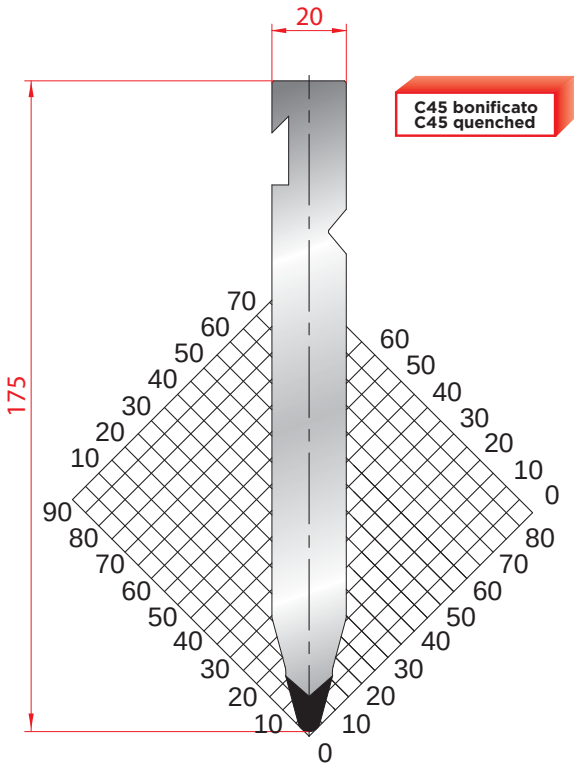
1230

$\alpha=30^\circ$ R=1 H=175.00 Max T/m=80



1232

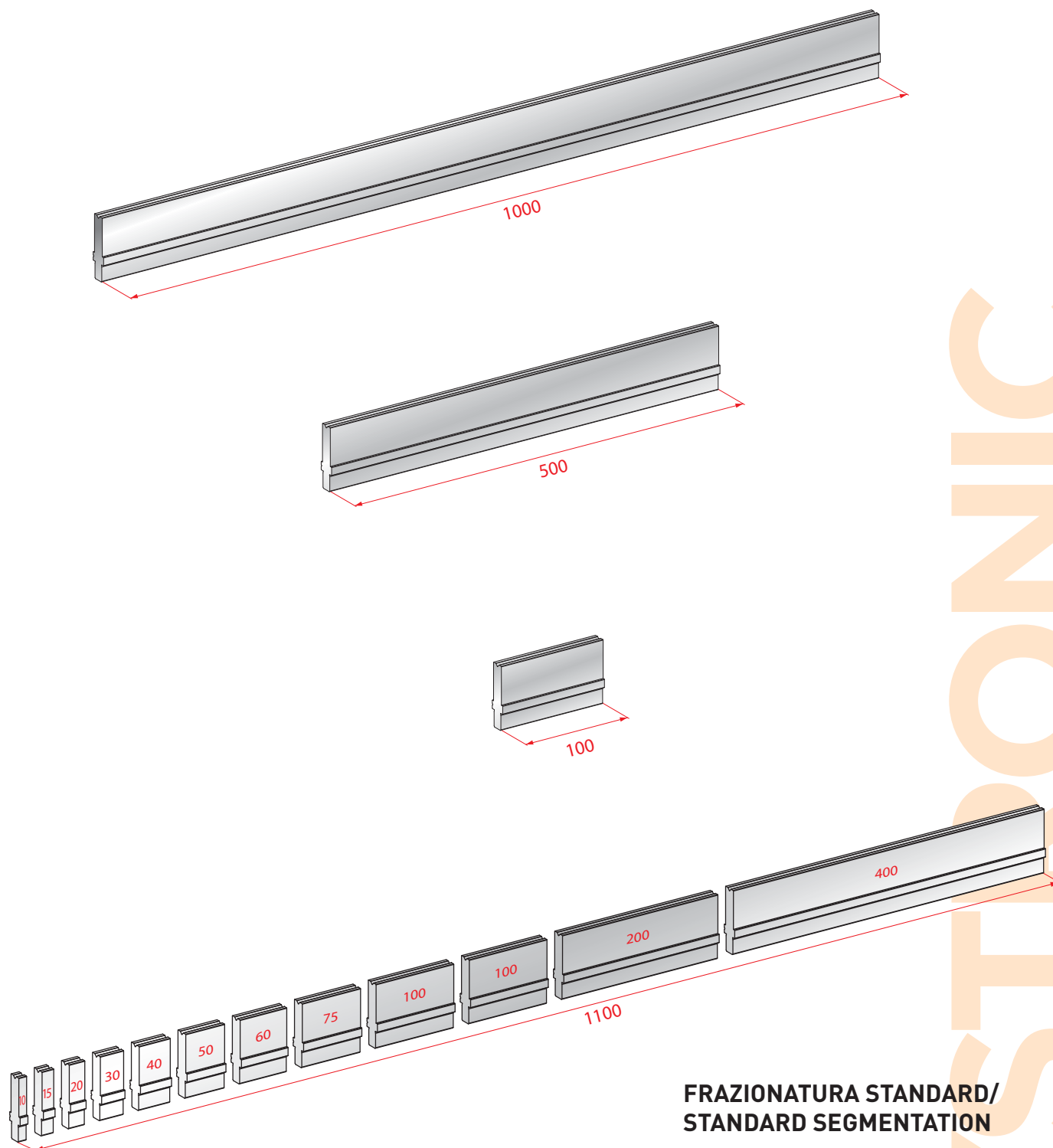
$\alpha=30^\circ$ R=1 H=175.00 Max T/m=100



1231

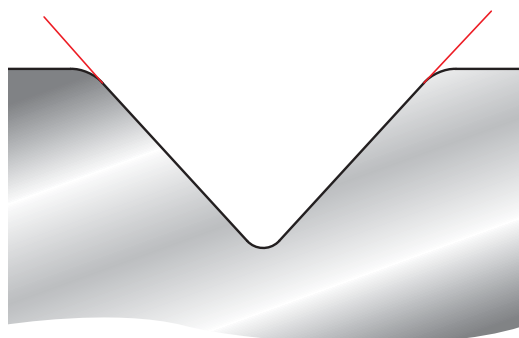
$\alpha=30^\circ$ R=3 H=175.00 Max T/m=100

MATICI / DIES

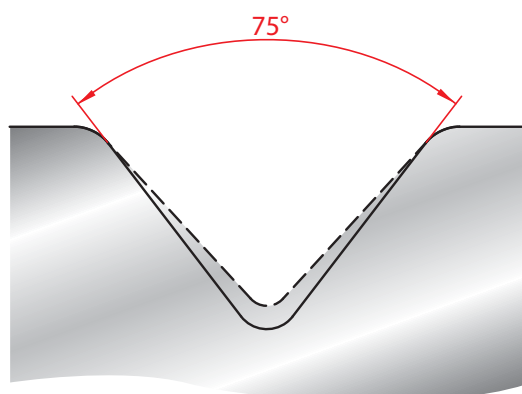




**TAGLI A RICHIESTA /
SPECIAL SEGMENTATION**



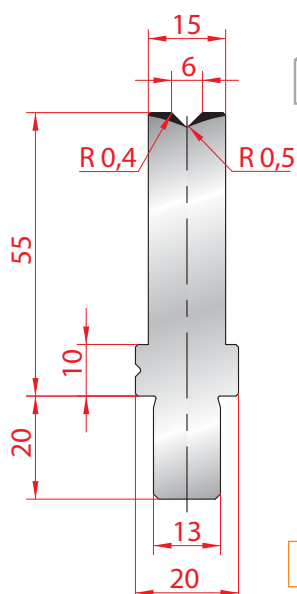
**MODIFICA RAGGIO /
RADIUS MODIFICATION**



**MODIFICA ANGOLO /
ANGLE MODIFICATION**

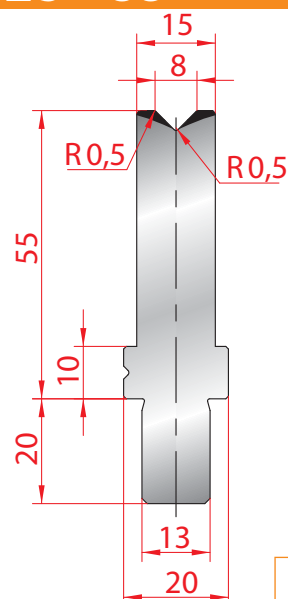
BYSTRONIC

MATRICI 1V - 88° / 1V DIES - 88°



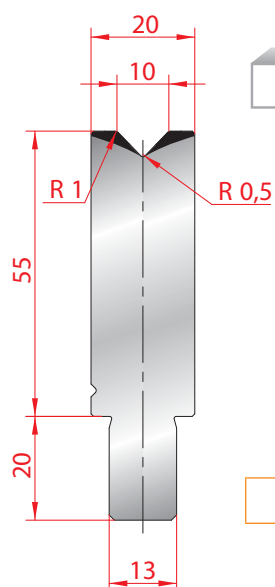
3241

Max T/m=100



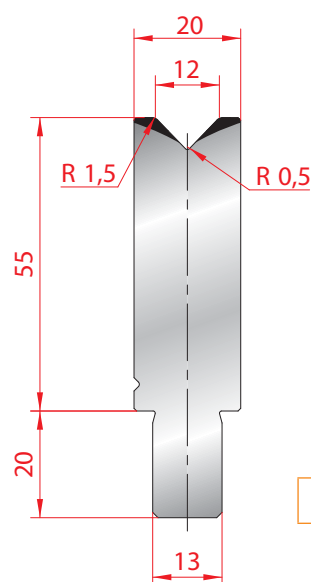
3242

Max T/m=100



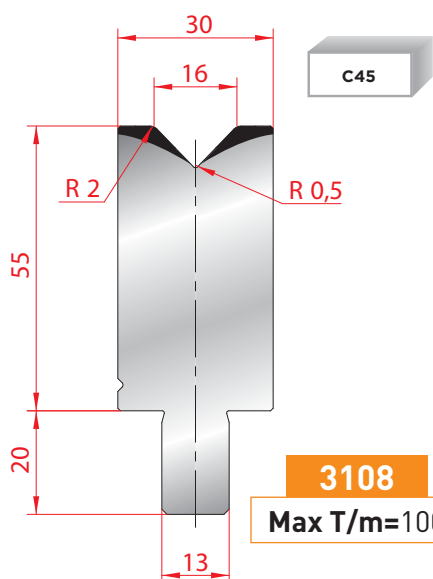
3106

Max T/m=100



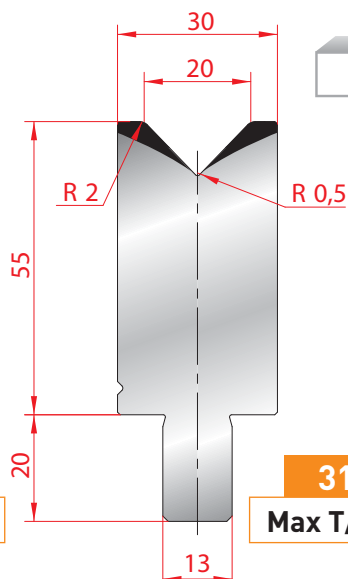
3107

Max T/m=100



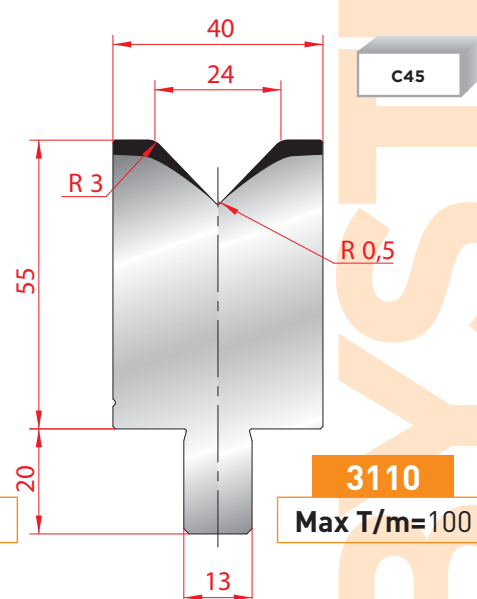
3108

Max T/m=100



3109

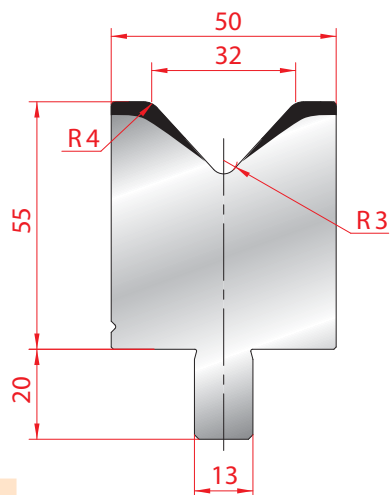
Max T/m=100



3110

Max T/m=100

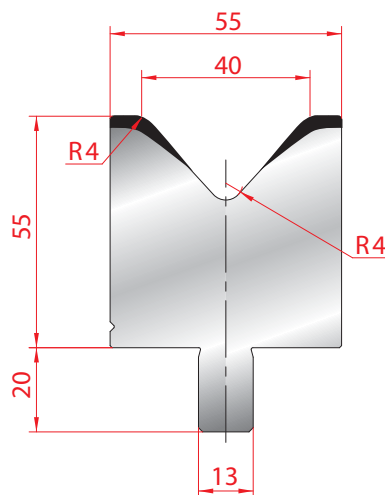
MATRICI 1V - 85° / 1V DIES - 85°



C45

3111

Max T/m=100

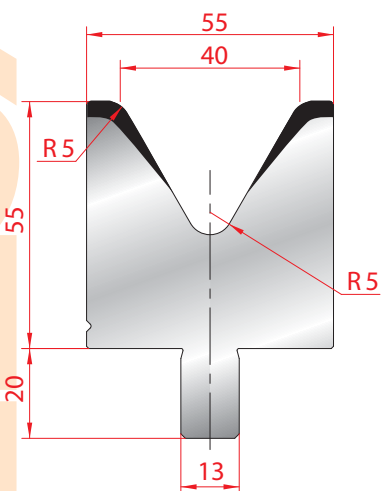


C45

3112

Max T/m=100

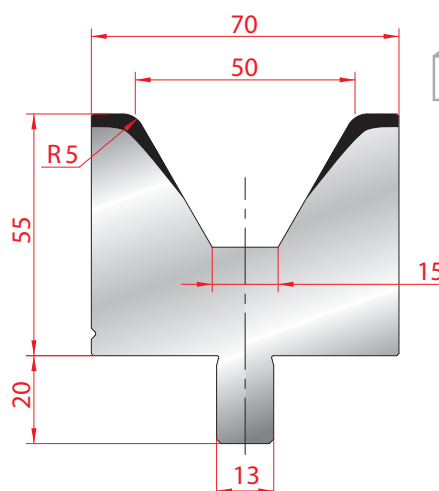
MATRICI 1V - 60° / 1V DIES - 60°



C45

3113

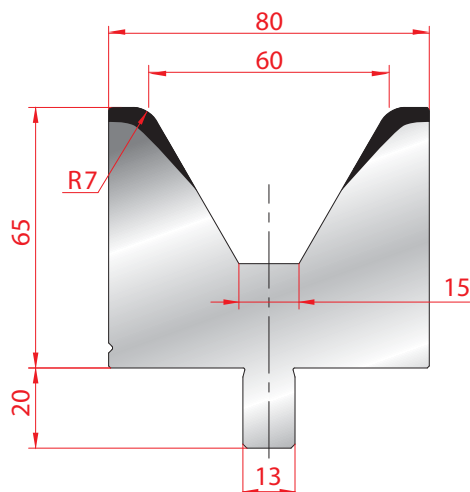
Max T/m=100



C45

3179

Max T/m=100

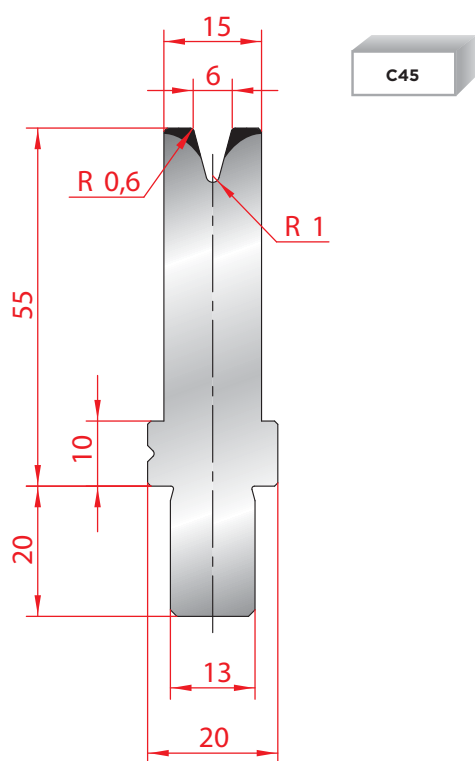
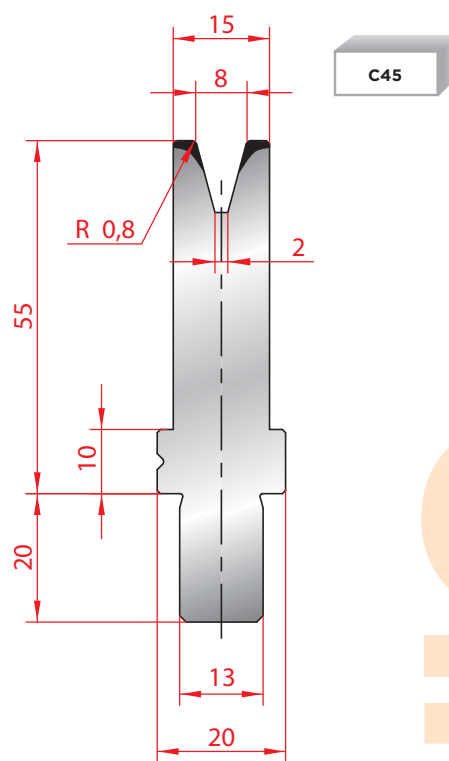
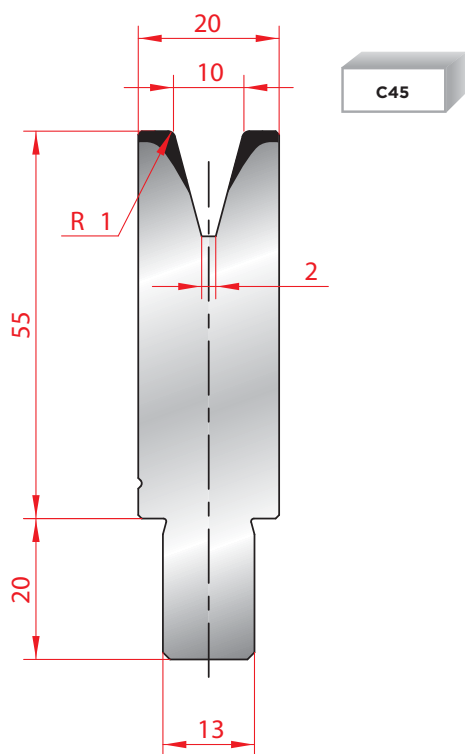
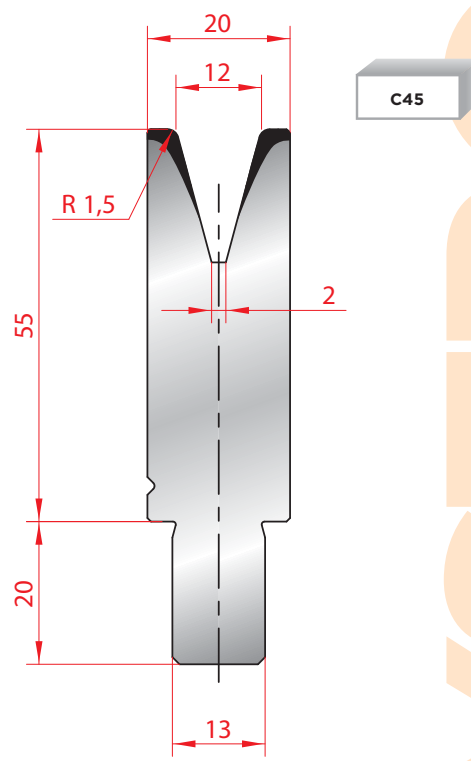


C45

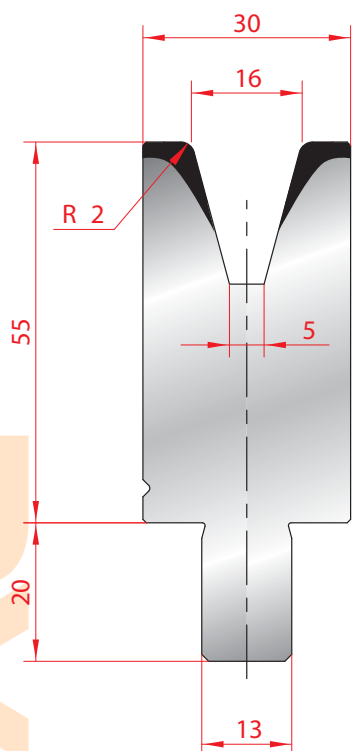
3114

Max T/m=100

MATRICI 1V - 30° / 1V DIES - 30°

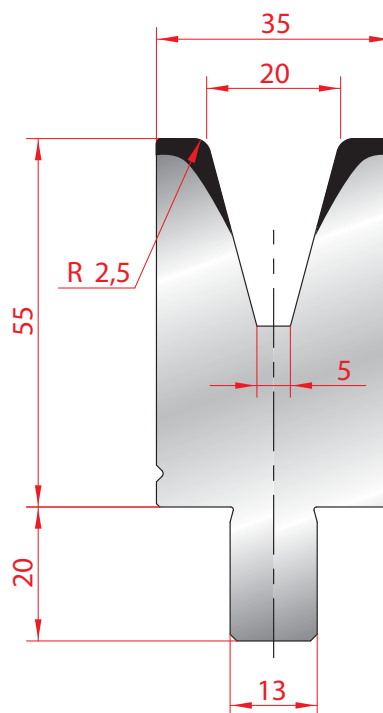
**3115****Max T/m=35****3116****Max T/m=40****3117****Max T/m=50****3118****Max T/m=40**

MATRICI 1V - 30° / 1V DIES - 30°



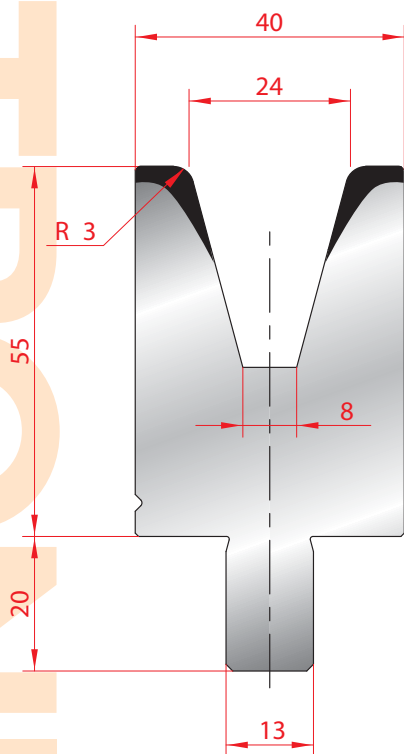
3119

Max T/m=50



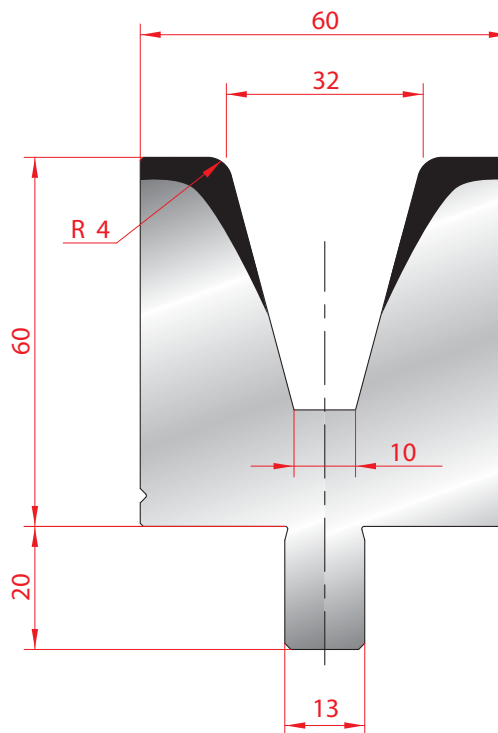
3120

Max T/m=55



3121

Max T/m=65



3122

Max T/m=65

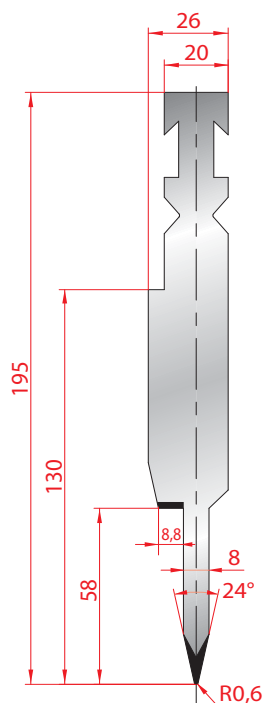
PIEGASCHIACCIA / FLATTENING-HEMMING TOOLS

500-550 Frazionato (Bonificato) / Sectioned (Quenched)

1252

Max T/m=80

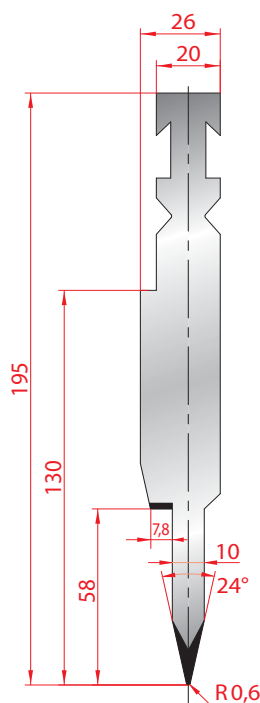
spessore max di lamiera (ferro normale) 1,2 mm
max sheet metal thickness mild steel 1,2 mm

C45 bonificato
C45 quenchedC45 bonificato
C45 quenched

1253

Max T/m=80

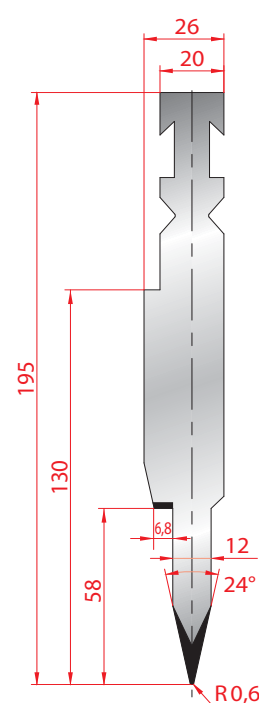
spessore max di lamiera (ferro normale) 1,5 mm
max sheet metal thickness mild steel 1,5 mm

C45 bonificato
C45 quenchedC45 bonificato
C45 quenched

1254

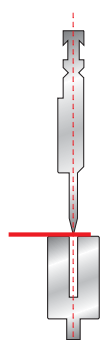
Max T/m=80

spessore max di lamiera (ferro normale) 1,5 mm
max sheet metal thickness mild steel 1,5 mm

C45 bonificato
C45 quenchedC45 bonificato
C45 quenched

3157

Max T/m=50



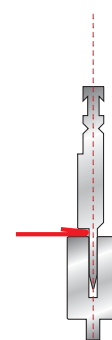
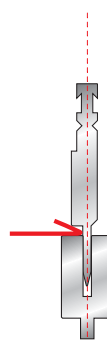
3174

Max T/m=50



3175

Max T/m=50



TRUMP

TRUMPF

WILA-TRUMPF STYLE

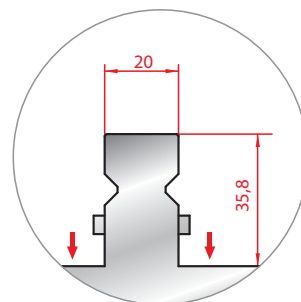
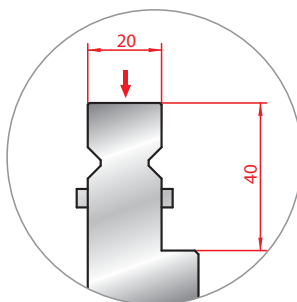
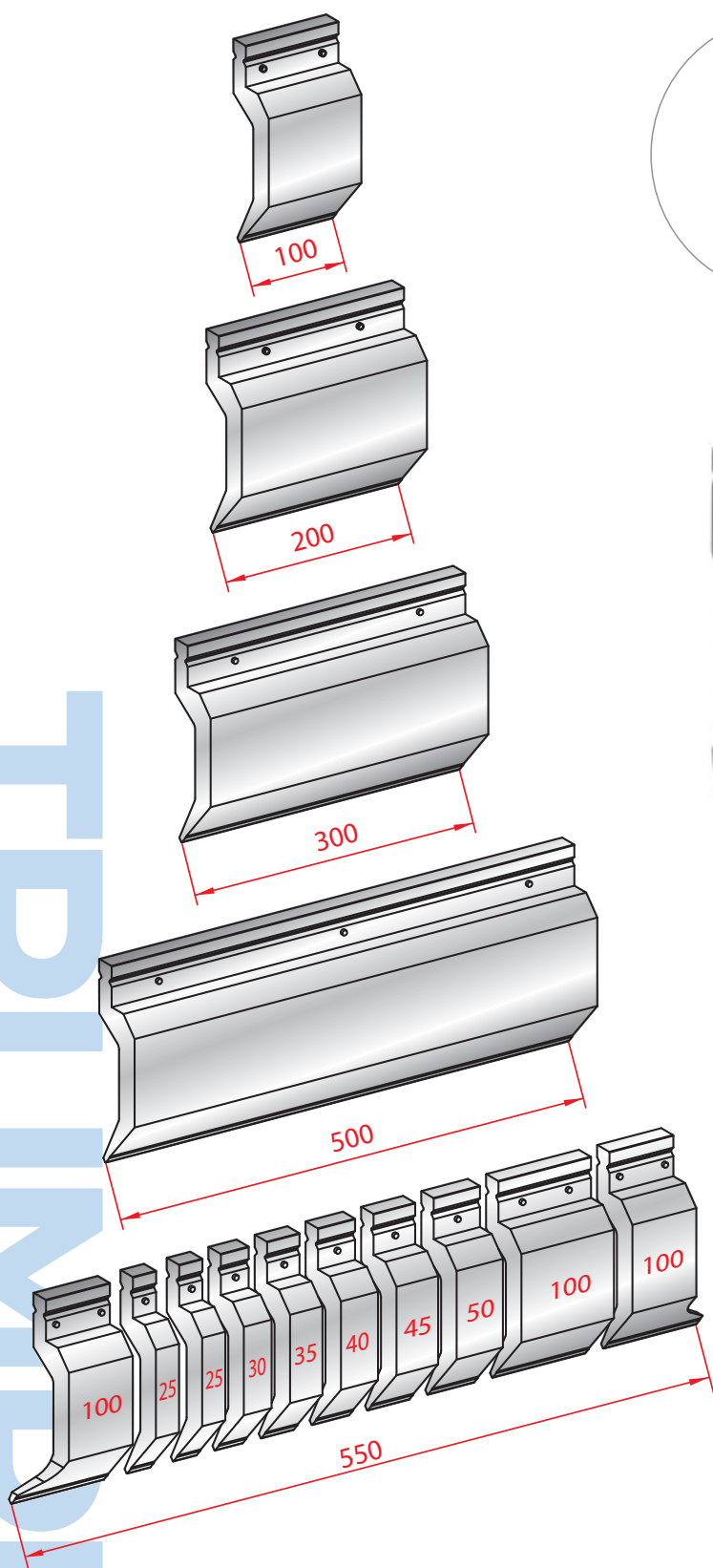
PUNZONI / PUNCHES..... 108-112

- Modifiche a richiesta / Modifications on request 109
- Punzoni / Punches 86° 113-115
- Punzoni / Punches 80° 116
- Punzoni / Punches 60° 116
- Punzoni / Punches 28° 117-119
- Punzoni / Punches 26° 119
- Pulsanti / Safety buttons 120

MATRICI / DIES 123-126

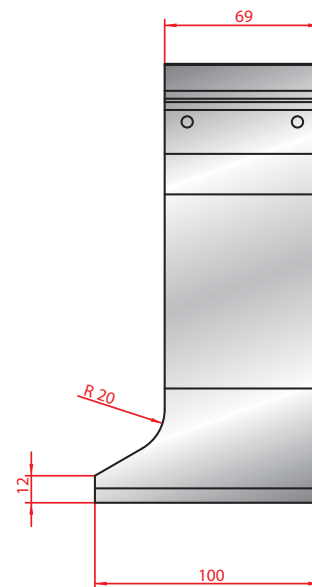
- Modifiche a richiesta / Modifications on request 124
- Matrici 1V / 1V dies H 100 86° 127-129
- Matrici 1V / 1V dies H 100 80° 130
- Matrici 1V / 1V dies H 100 30° 131-132
- Matrici 1V / 1V dies H 100 86° 133-135
- Matrici 1V / 1V dies H 100 84° 136-137
- Matrici 1V / 1V dies H 100 80° 137-138
- Matrici 1V / 1V dies H 100/120 80° 139
- Matrici 1V / 1V dies H 120 60° 140
- Matrici 1V / 1V dies H 100 30° 141-143
- Matrici 1V / 1V dies H 150 86° 144-145
- Matrici 1V / 1V dies H 150 30° 146-147
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- Elementi raggiati / Radius tools 167-174
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- Tabella inserti a Z / Joggle Tools chart 176
- Inserti a Z / Joggle tools 160° 177
- Inserti a Z / Joggle tools 90° 178-183

PUNZONI / PUNCHES

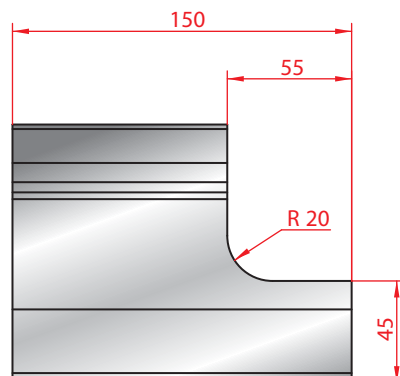
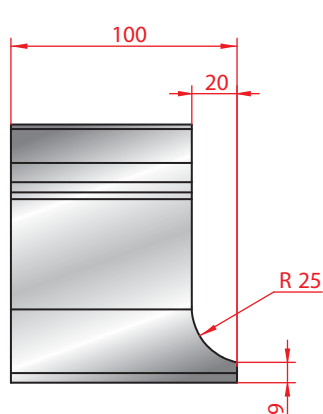
FRAZIONATURA STANDARD/
STANDARD SEGMENTATION

Safety button
su richiesta quando
il peso dell'utensile
è inferiore a 13,5 Kg.

Safety button
on demand when
the weight of the tool
is less than 13,5 Kg.

FRESATURA SCARPETTA
MILLED HORN

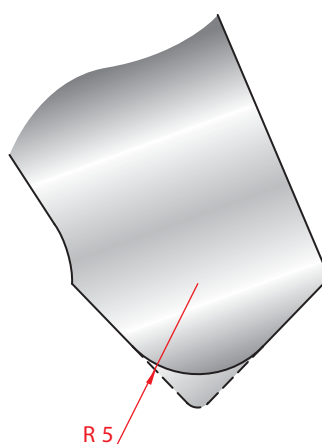
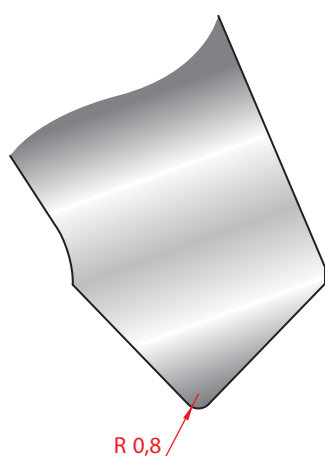
MODIFICHE A RICHIESTA / MODIFICATIONS ON REQUEST



**SCARPETTE SPECIALI /
SPECIAL HORNS**



**TAGLI A RICHIESTA /
SPECIAL SEGMENTATION**



**MODIFICA RAGGIO /
RADIUS MODIFICATION**

PUNZONI / PUNCHES

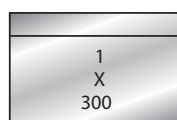
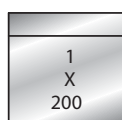
PER PUNZONI / FOR PUNCHES:

1233 - 1234 - 1235 - 1236 - 1237 - 1238

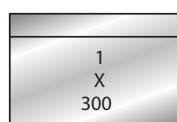
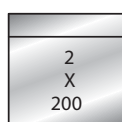
1295 - 1302 - 1308 - 1313 - 1314 - 1316 - 1317 - 1318



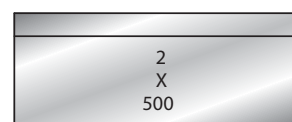
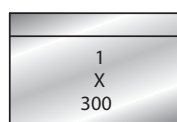
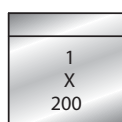
550



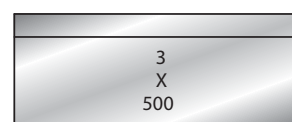
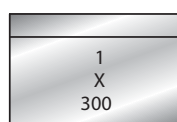
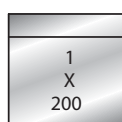
1050



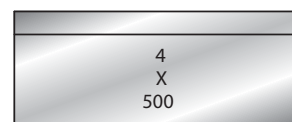
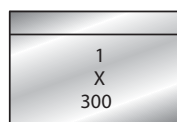
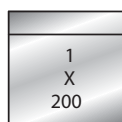
1250



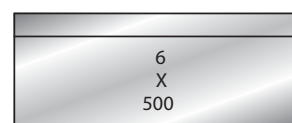
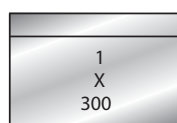
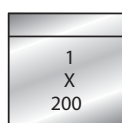
2050



2550



3050



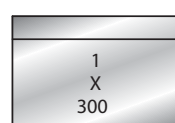
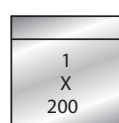
4050

PUNZONI / PUNCHES

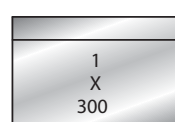
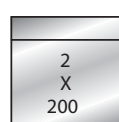
PER PUNZONI / FOR PUNCHES:
1294 - 1303 - 1319 - 1320



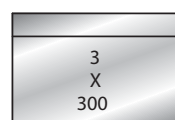
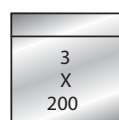
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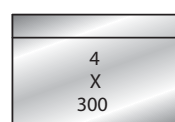
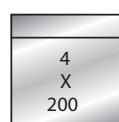
1050



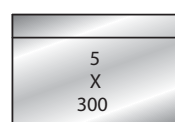
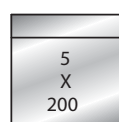
1250



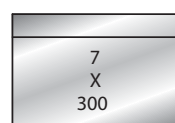
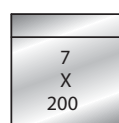
2050



2550



3050

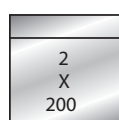
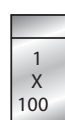


4050

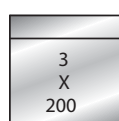
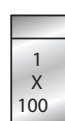
PUNZONI / PUNCHES

PER PUNZONE / FOR PUNCH:
1315

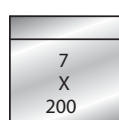
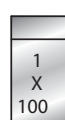
550



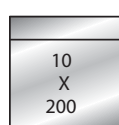
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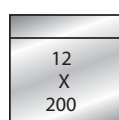
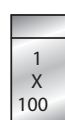
1250



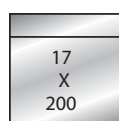
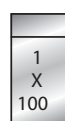
2050



2550



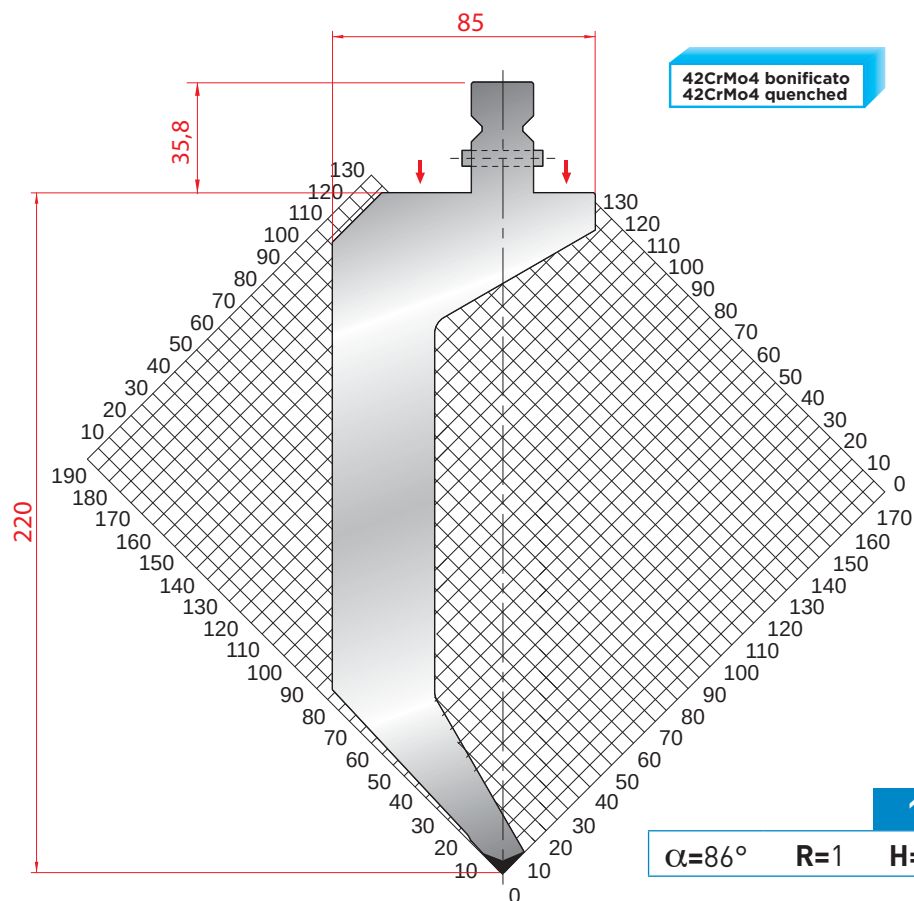
3050



4050

TRUMPF

PUNZONI - 86° / PUNCHES - 86°



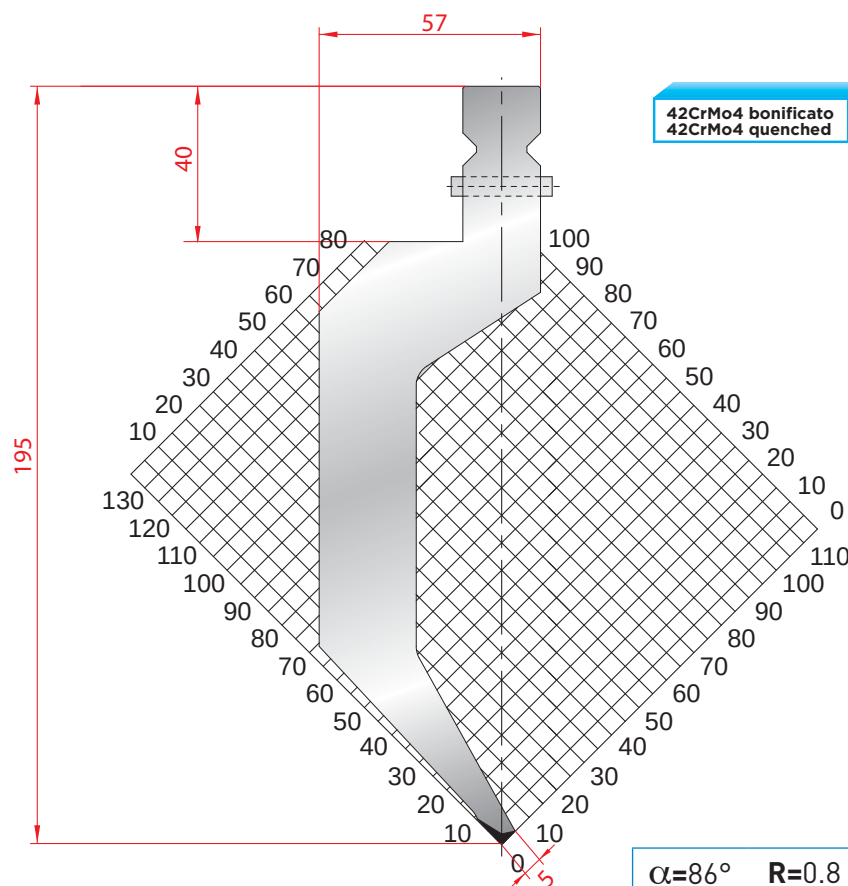
1294

 $\alpha=86^\circ$

R=1

H=220.00

Max T/m=85



1233

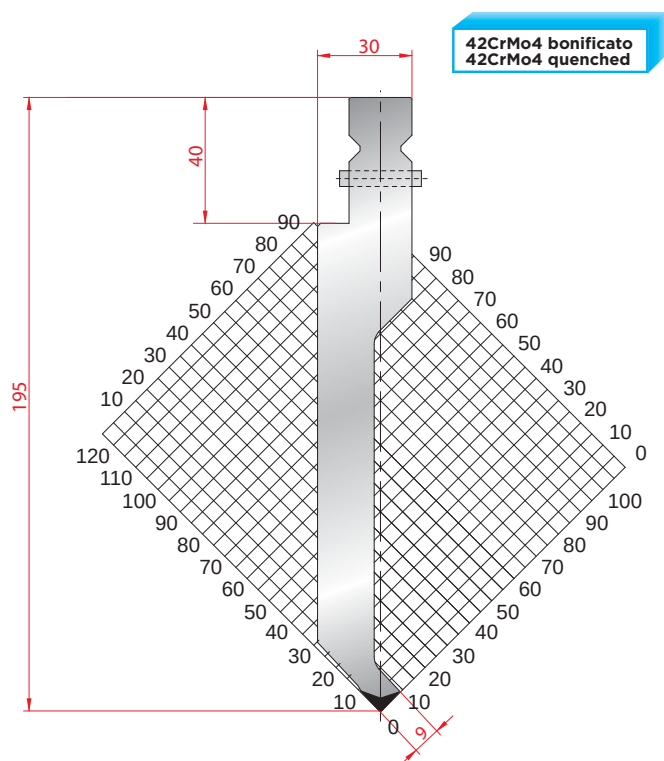
 $\alpha=86^\circ$

R=0.8

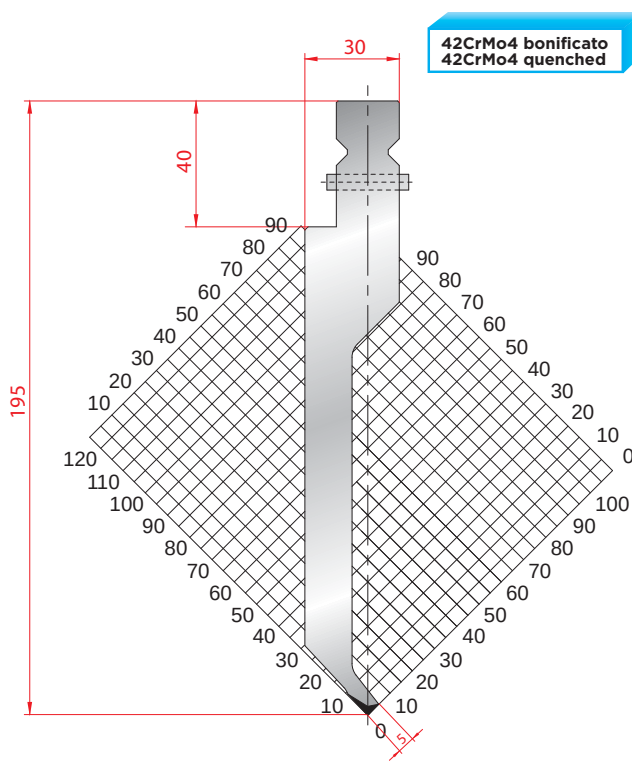
H=195.00

Max T/m=40

PUNZONI - 86° / PUNCHES - 86°



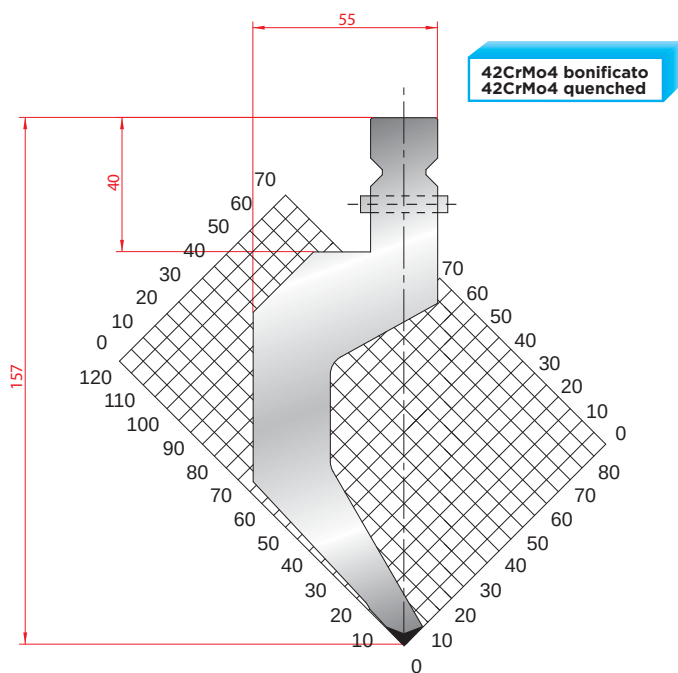
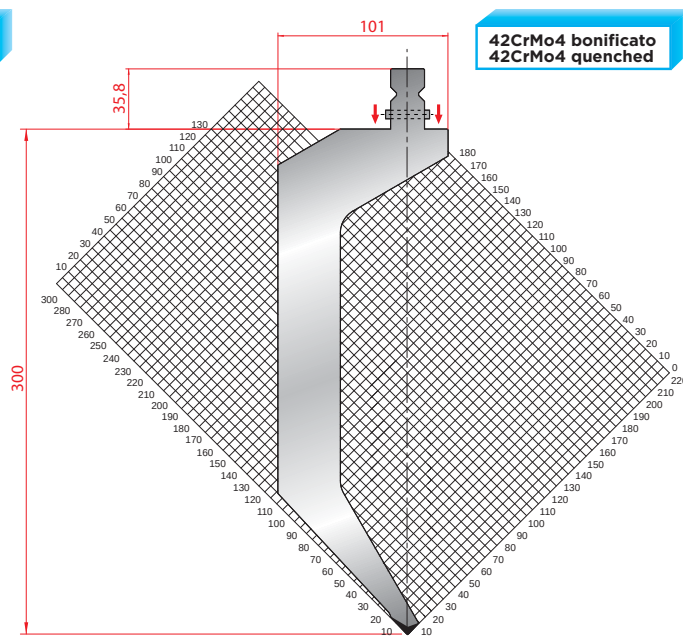
1235

 $\alpha=86^\circ$ R=0.8 H=195.00 Max T/m=100


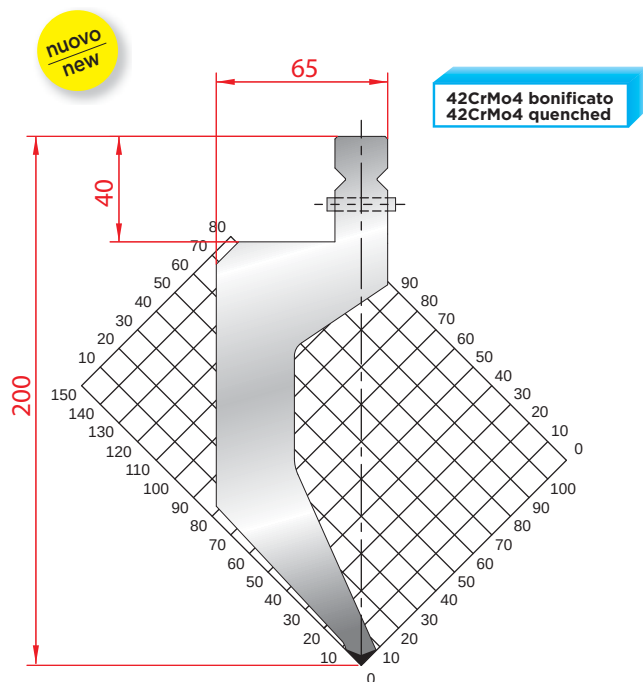
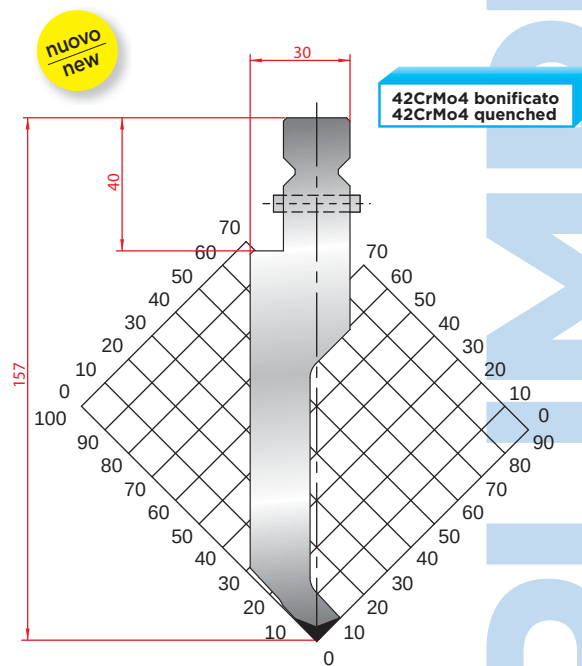
1234

 $\alpha=86^\circ$ R=0.6 H=195.00 Max T/m=30

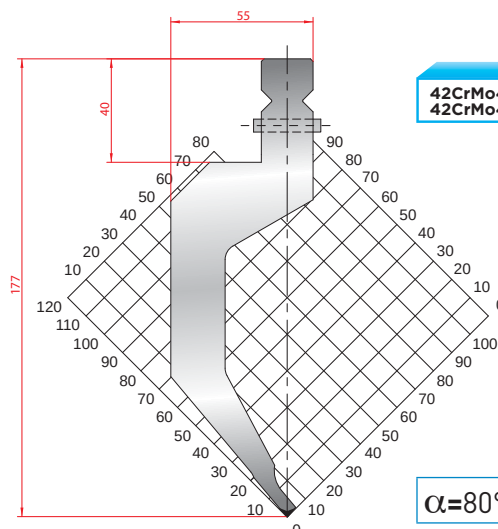

PUNZONI - 86° / PUNCHES - 86°

**1314** $\alpha=86^\circ$ R=1 H=157.00 Max T/m=65**1315** $\alpha=86^\circ$ R=1 H=300.00 Max T/m=80

SPINTA LATERALE / SHOULDER LOAD (↓)

**1320** $\alpha=86^\circ$ R=1.5 H=200.00 Max T/m=100**1317** $\alpha=86^\circ$ R=1 H=157.00 Max T/m=100

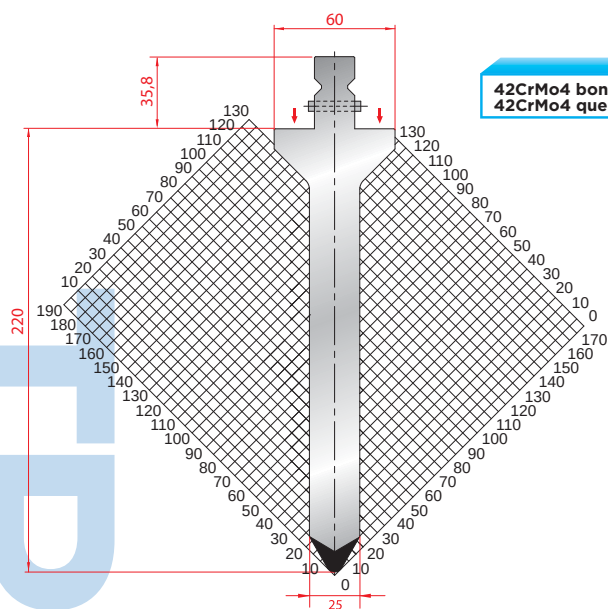
PUNZONI - 80° / PUNCHES - 80°

nuovo
new42CrMo4 bonificato
42CrMo4 quenched

1319

 $\alpha=80^\circ$ R=0,5 H=177.00 Max T/m=20

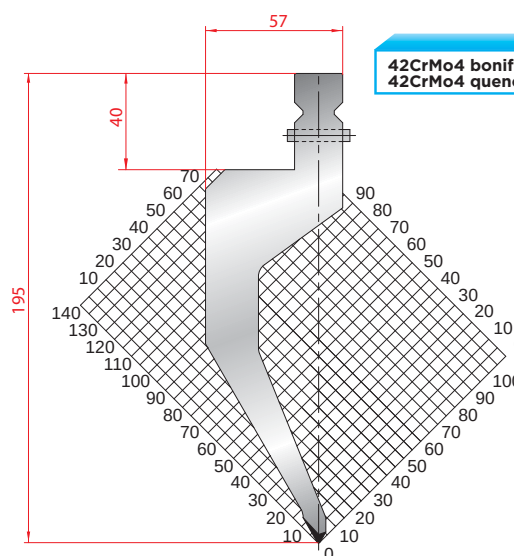
PUNZONI - 60° / PUNCHES - 60°

42CrMo4 bonificato
42CrMo4 quenched

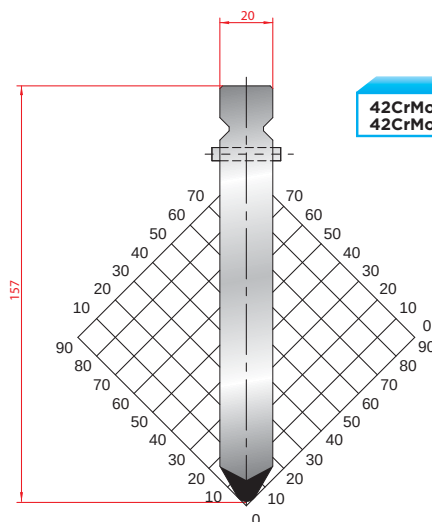
1303

 $\alpha=60^\circ$ R=4 H=220.00 Max T/m=100

SPINTA LATERALE / SHOULDER LOAD (↓)

42CrMo4 bonificato
42CrMo4 quenched

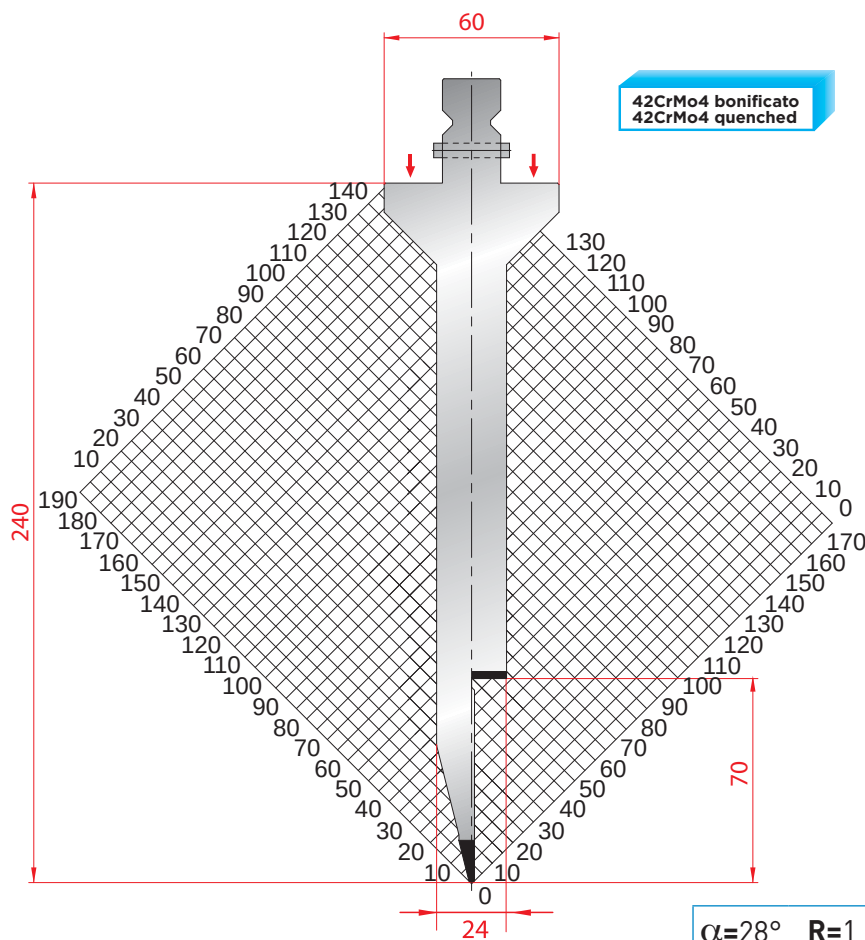
1236

 $\alpha=60^\circ$ R=0.8 H=195.00 Max T/m=40nuovo
new42CrMo4 bonificato
42CrMo4 quenched

1318

 $\alpha=60^\circ$ R=4 H=157.00 Max T/m=100

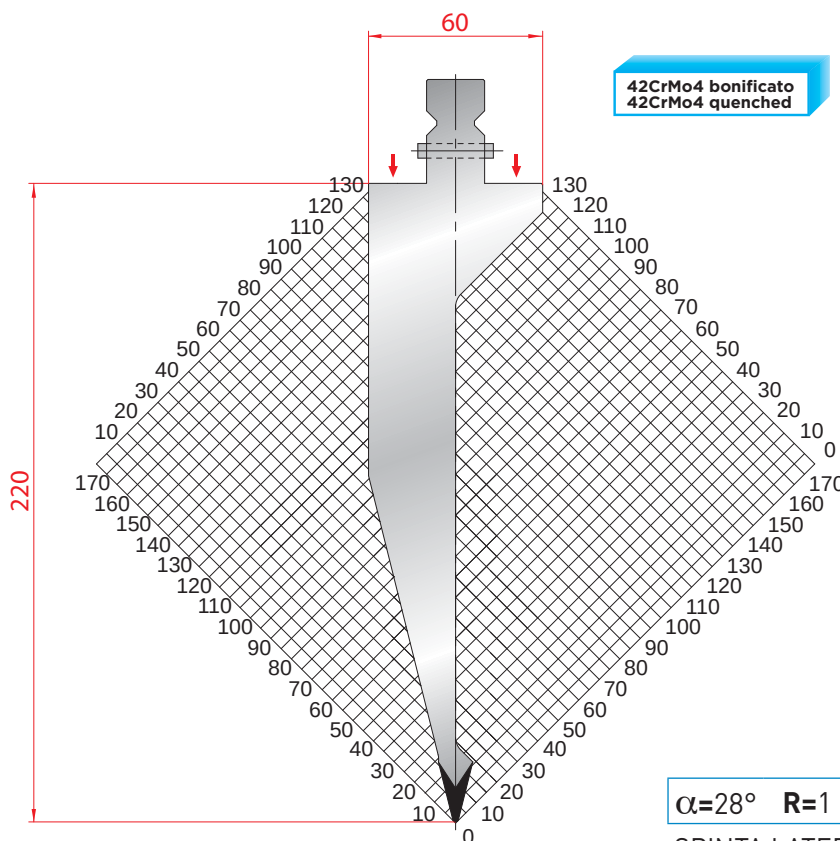
PUNZONI - 28° / PUNCHES - 28°



1295

 $\alpha=28^\circ$ R=1 H=240.00 Max T/m=40

SPINTA LATERALE / SHOULDER LOAD (↓)

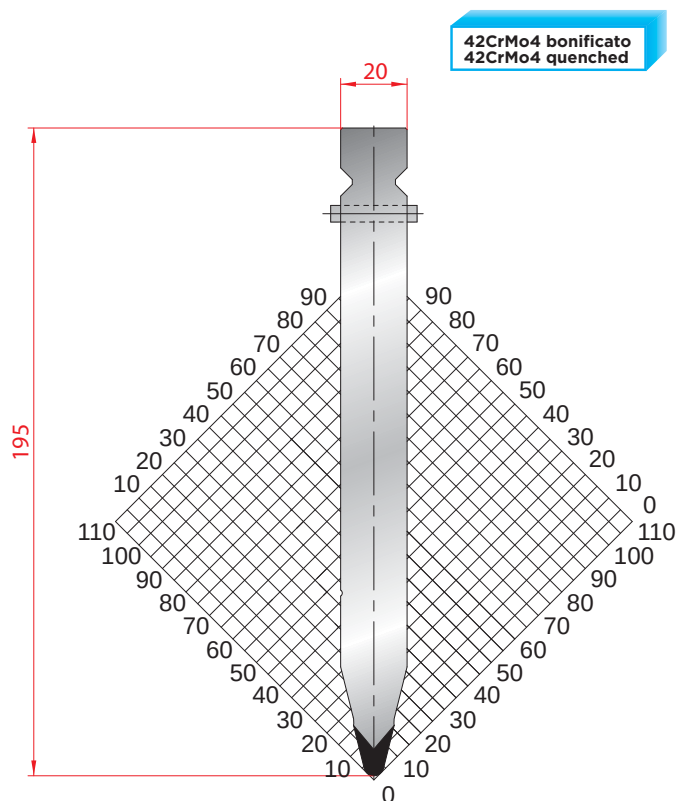


1302

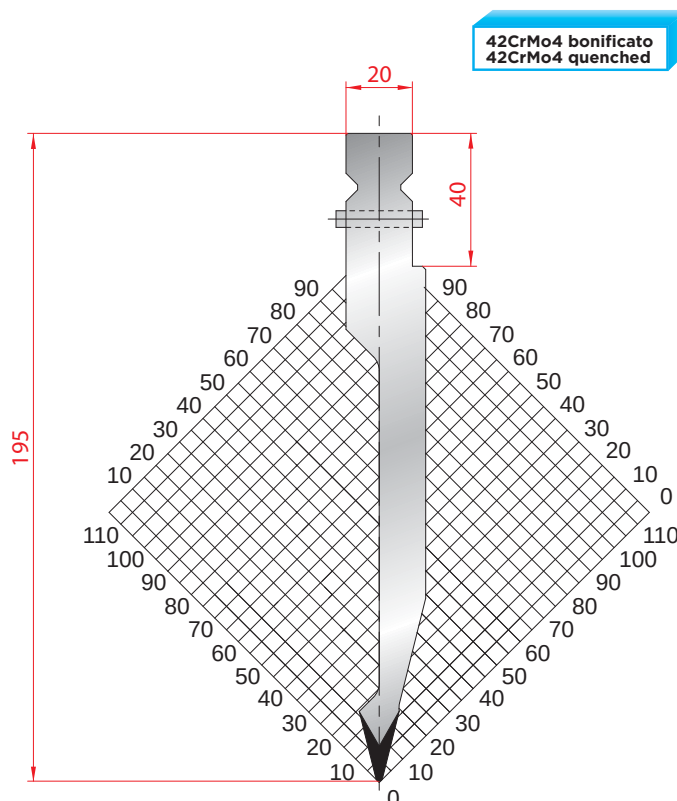
 $\alpha=28^\circ$ R=1 H=220.00 Max T/m=80

SPINTA LATERALE / SHOULDER LOAD (↓)

PUNZONI - 28° / PUNCHES - 28°



1237

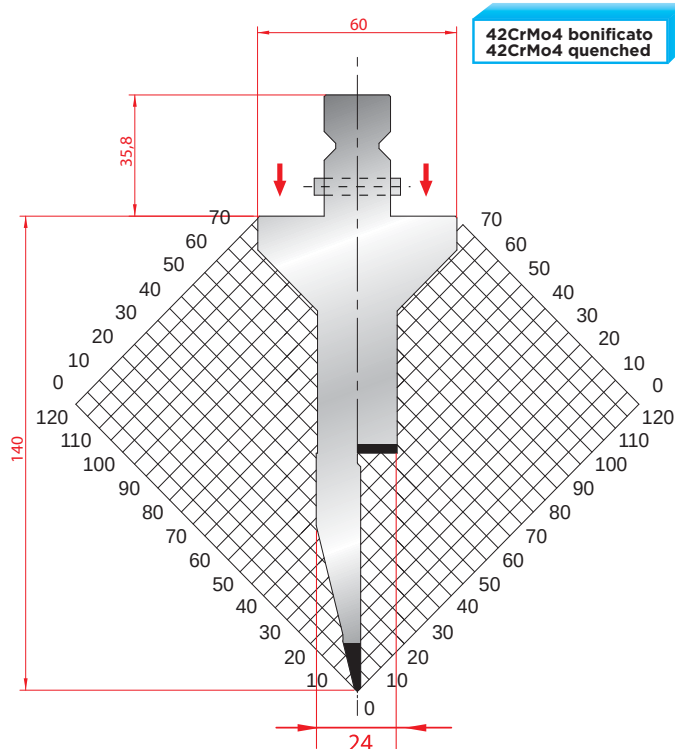
 $\alpha=28^\circ$ R=3 H=195.00 Max T/m=100

1238

 $\alpha=28^\circ$ R=1 H=195.00 Max T/m=80

TRUMPF

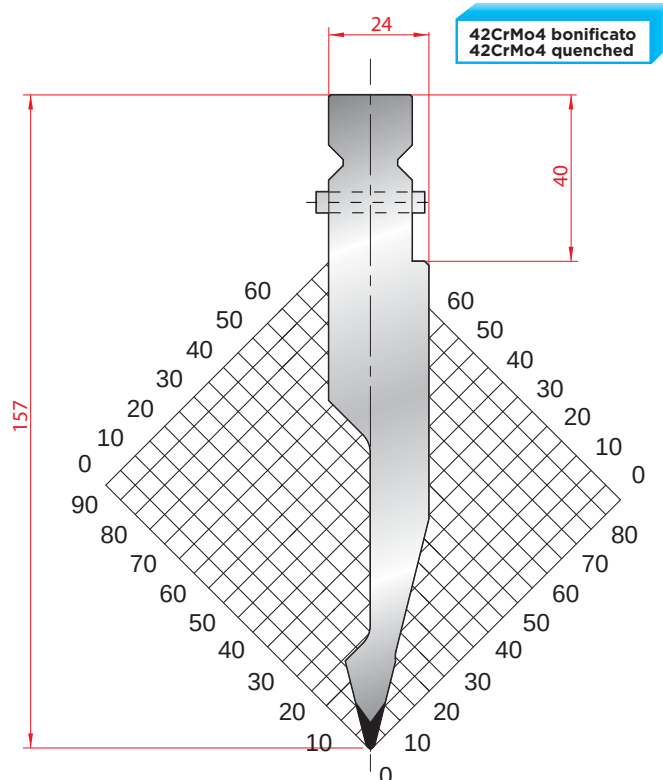
PUNZONI - 28° / PUNCHES - 28°



1308

 $\alpha=28^\circ$ R=1 H=140.00 Max T/m=40

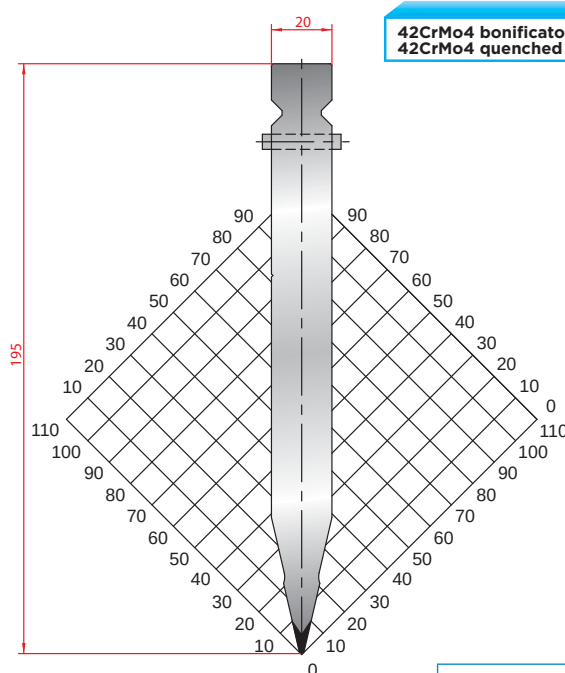
SPINTA LATERALE / SHOULDER LOAD (↓)



1313

 $\alpha=28^\circ$ R=1 H=157.00 Max T/m=80

PUNZONI - 26° / PUNCHES - 26°

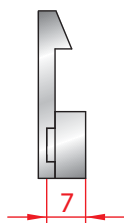
nuovo
new

1316

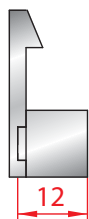
 $\alpha=26^\circ$ R=0,8 H=195.00 Max T/m=100

8210

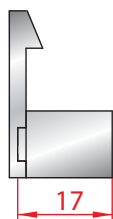
FRESATURA PULSANTE
MILLING FOR SAFETY
BUTTON

**8211**

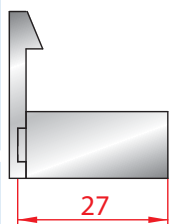
codici / codes
-1237 -1240
-1316 -1318

**8218**

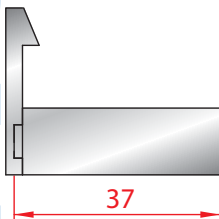
codici / codes
-1238 -1249
-1250 -1251-1313

**8212**

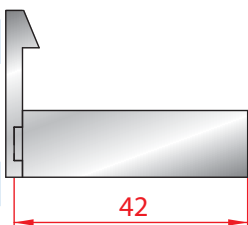
codici / codes
-1234 -1235
-1317 -4191

**8213**

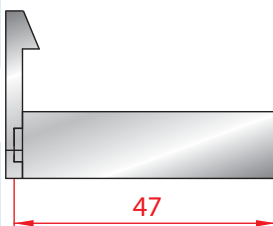
codici / codes
-1295-1302
-1303-1308-4361

**8214**

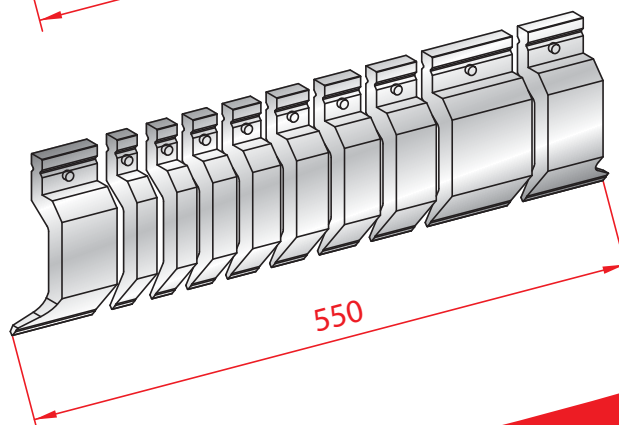
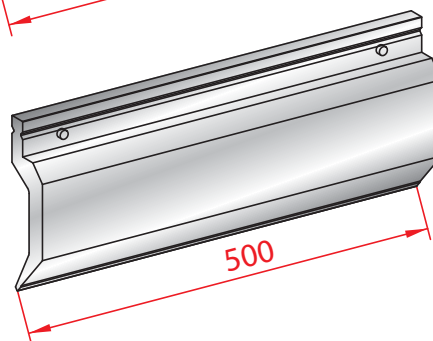
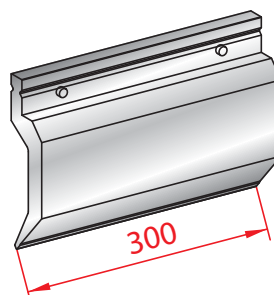
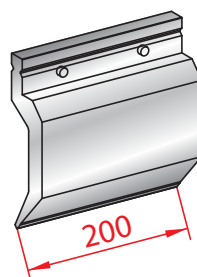
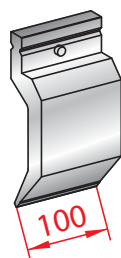
codici / codes
- 1233-1314
- 1319

**8215**

codici / code
- 1236

**8216**

codici / code
- 1294 - 1320

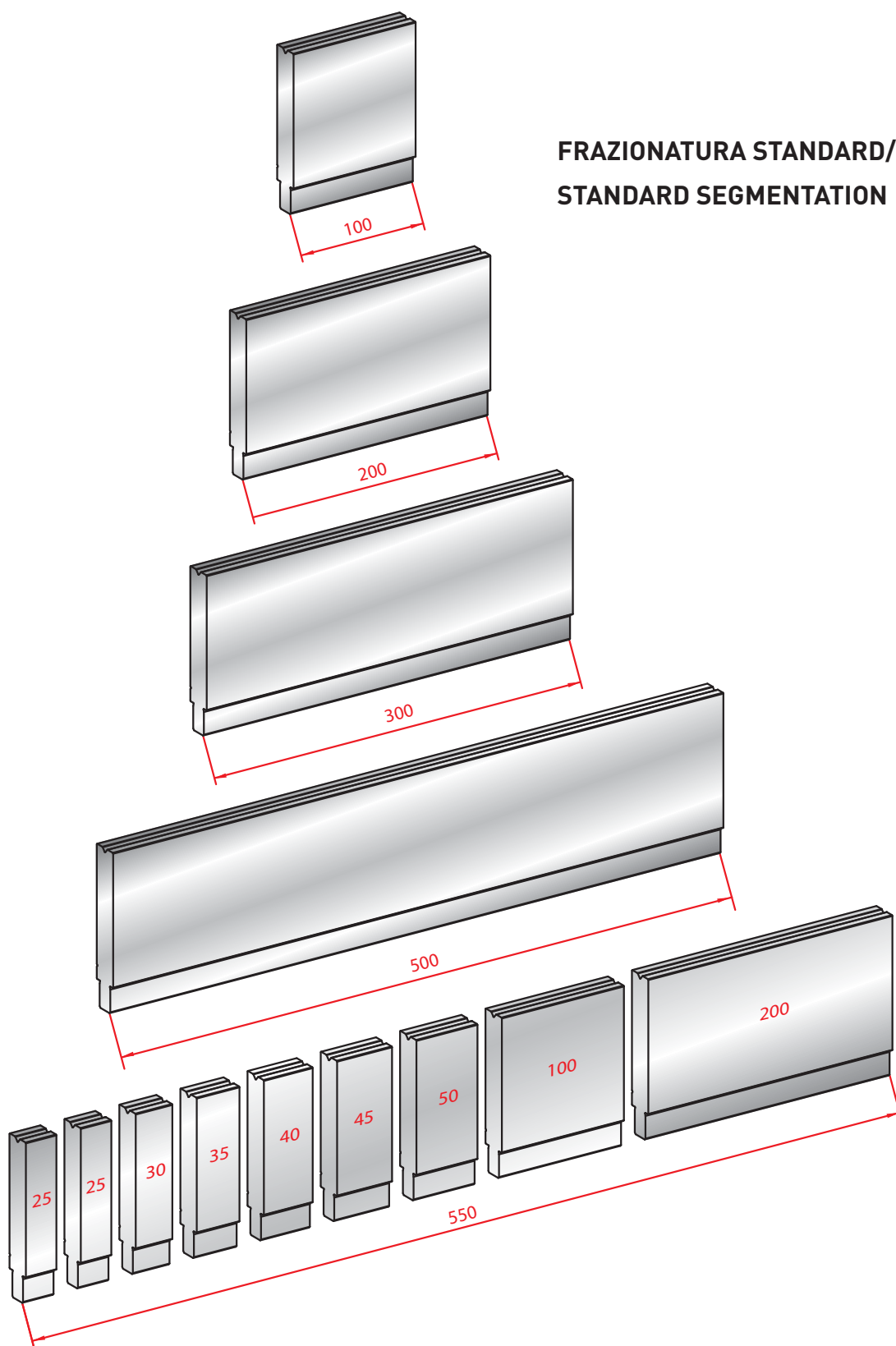


PULSANTI / SAFETY BUTTONS



TRUMPF

MATRICI / DIES

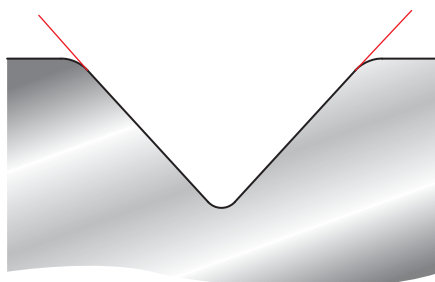
FRAZIONATURA STANDARD/
STANDARD SEGMENTATION

TRUMPF

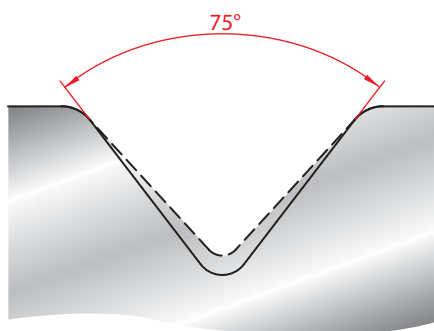
MODIFICHE A RICHIESTA / MODIFICATIONS ON REQUEST



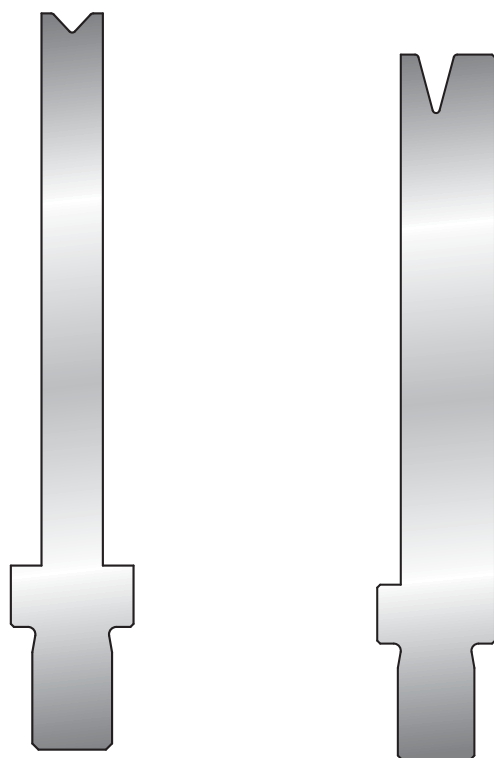
**TAGLI A RICHIESTA /
SPECIAL SEGMENTATION**



**MODIFICA RAGGIO /
RADIUS MODIFICATION**



**MODIFICA ANGOLO /
ANGLES MODIFICATION**



**STELO MODIFICATO
SU RICHIESTA /
THIN BODY
ON REQUEST**

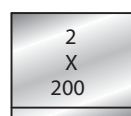
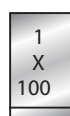
TRUMPF

MATRICI / DIES

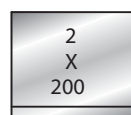
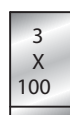
PER MATRICI / FOR DIES:
3135 - 3222 - 3223 - 3224



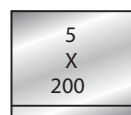
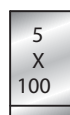
550



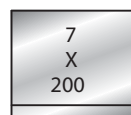
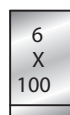
1050



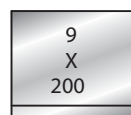
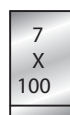
1250



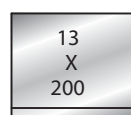
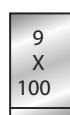
2050



2550



3050



4050

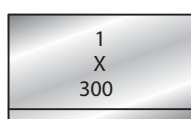
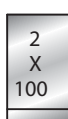
TRUMPF

MATRICI / DIES

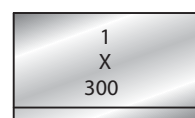
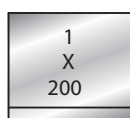
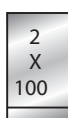
PER MATRICI / FOR DIES:
3218 - 3219 - 3220 - 3221 - 3132 - 3133 - 3134



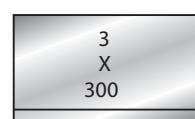
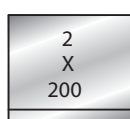
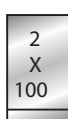
550



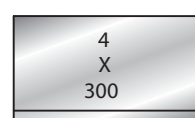
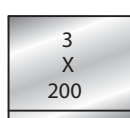
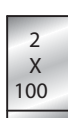
1050



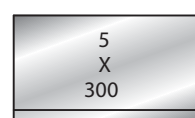
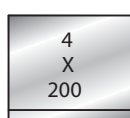
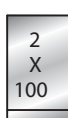
1250



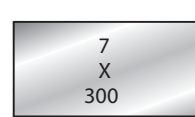
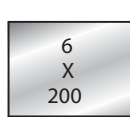
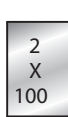
2050



2550



3050



4050

TRUMPF

MATRICI / DIES

PER TUTTI GLI ALTRI TIPI DI MATRICI
FOR ALL OTHERS TYPE OF DIES



550



2
X
100

1
X
300

1050



2
X
100

1
X
200

1
X
300

1250



2
X
100

1
X
300

2
X
500

2050



2
X
100

1
X
300

3
X
500

2550



2
X
100

1
X
300

4
X
500

3050



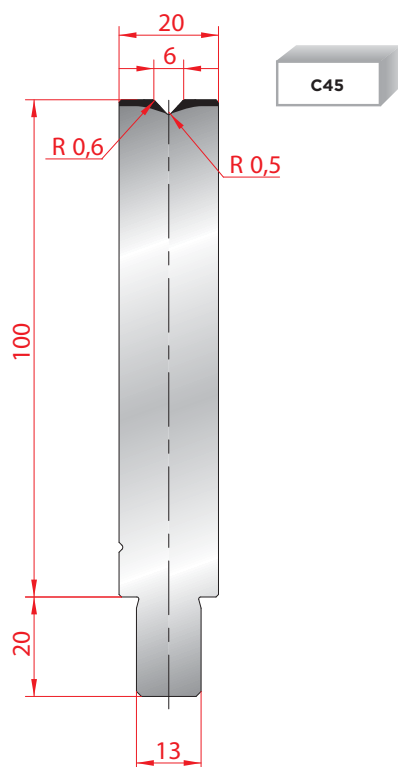
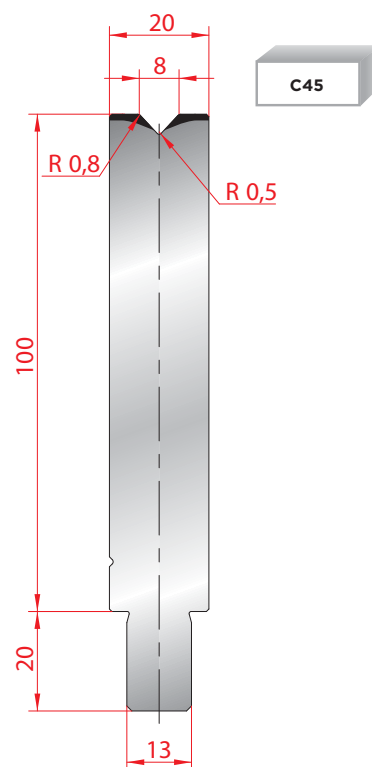
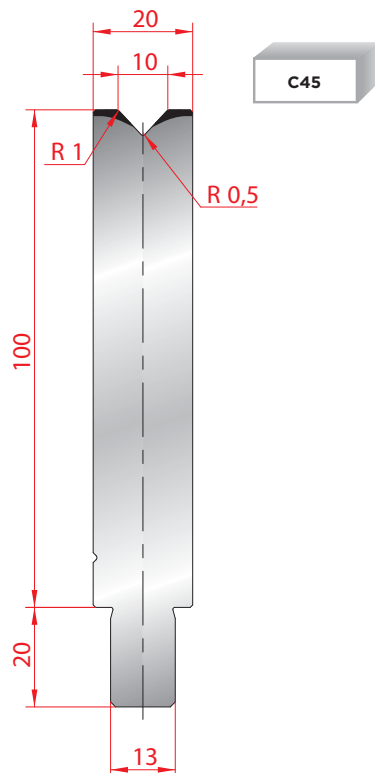
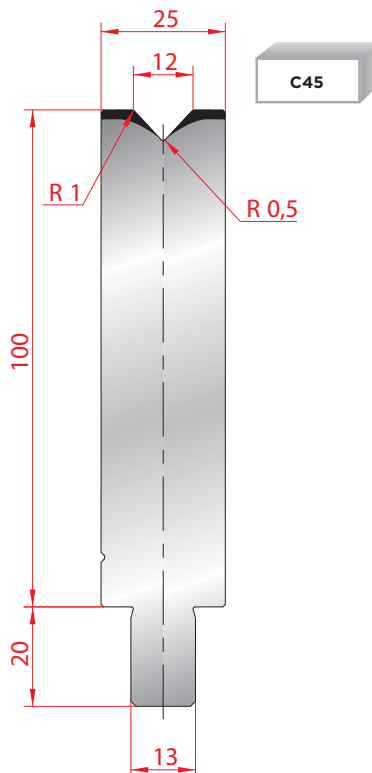
2
X
100

1
X
300

6
X
500

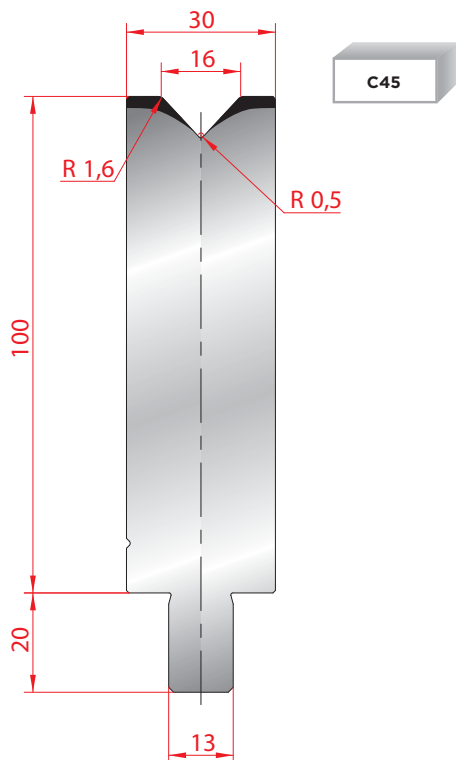
4050

MATRICI 1V H100 - 86° / 1V DIES H100 - 86°

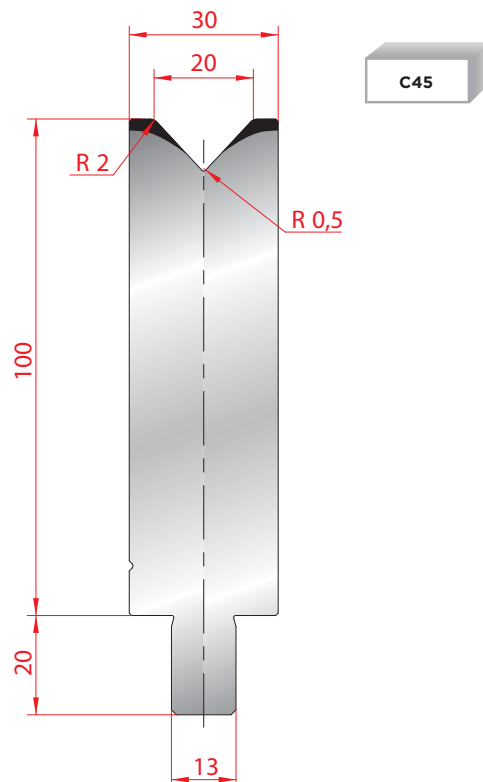
**3123****Max T/m=100****3124****Max T/m=100****3125****Max T/m=100****3126****Max T/m=100**

TRUMPF

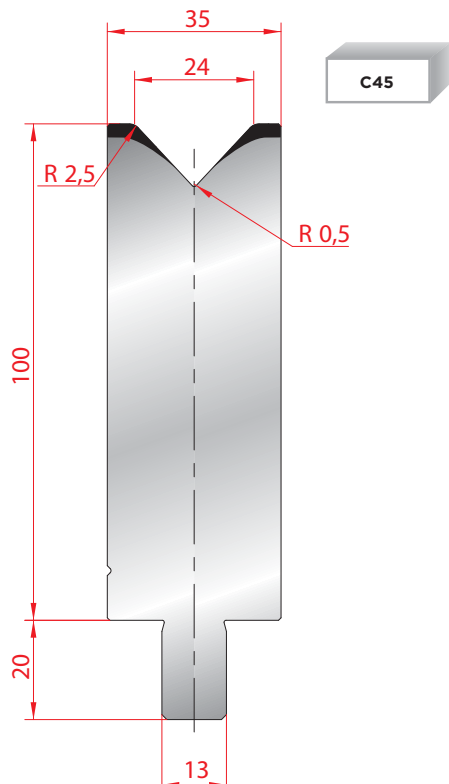
MATRICI 1V H100 - 86° / 1V DIES H100 - 86°

**3127**

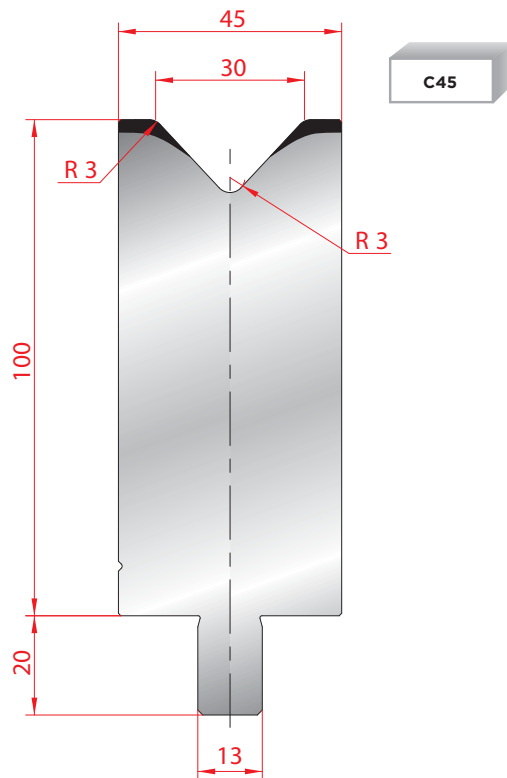
Max T/m=100

**3128**

Max T/m=100

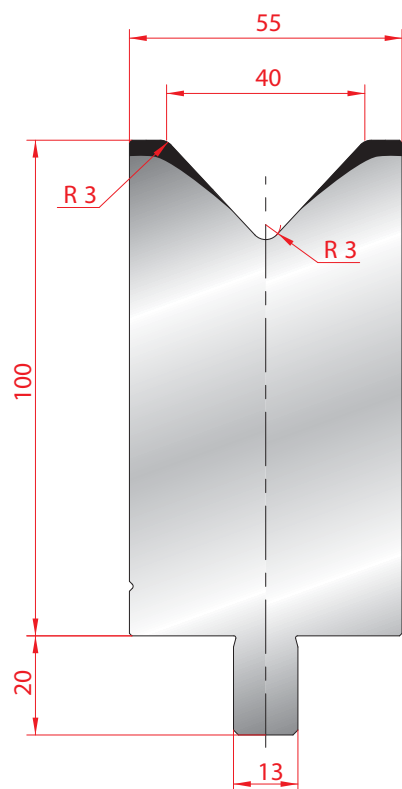
**3129**

Max T/m=100

**3130**

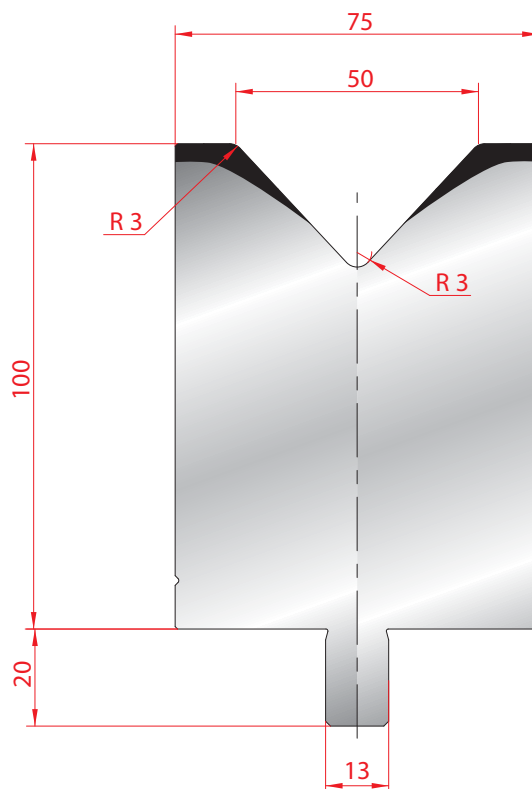
Max T/m=100

MATRICI 1V H100 - 86° / 1V DIES H100 - 86°



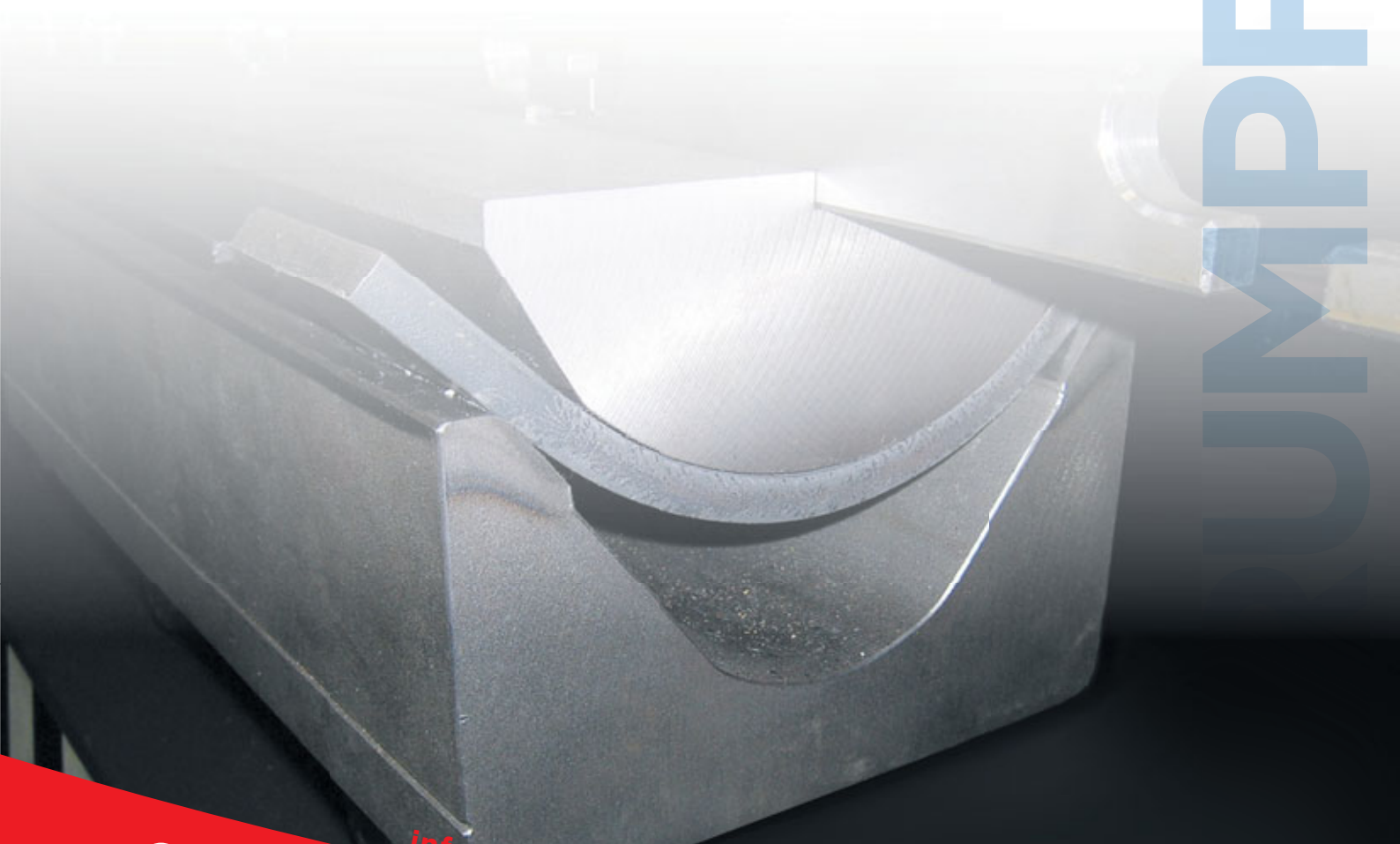
3131

Max T/m=100

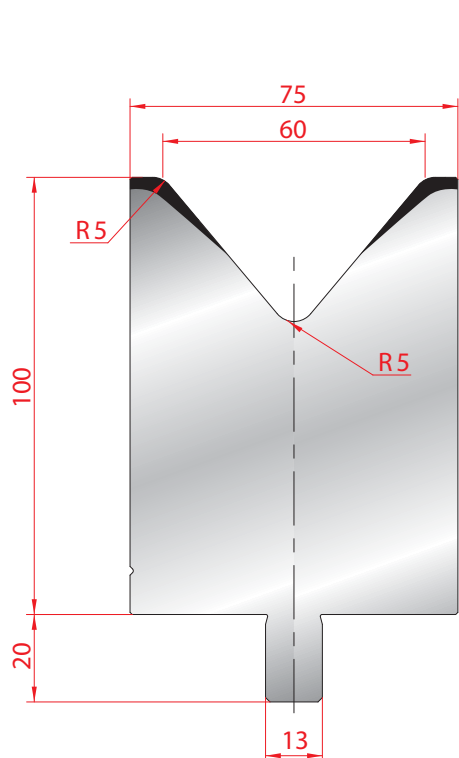


3132

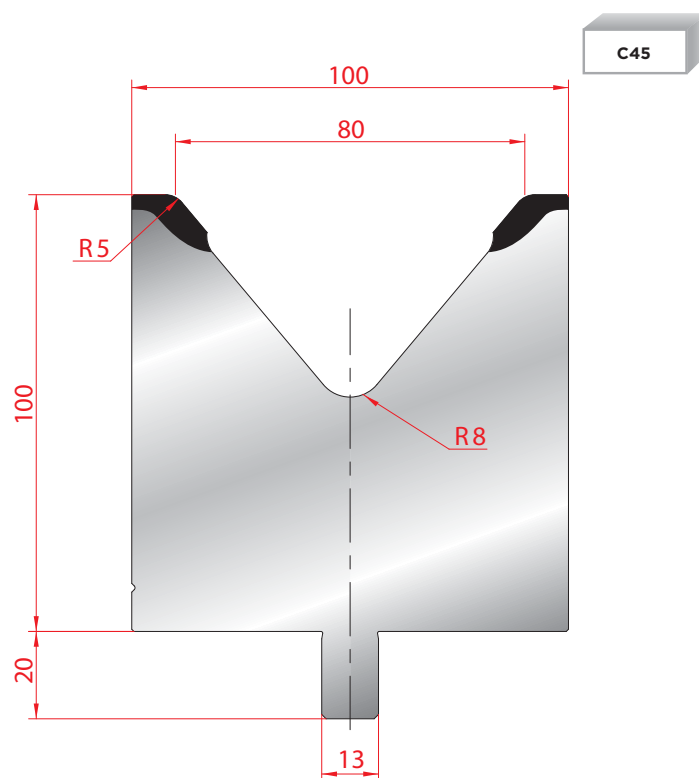
Max T/m=100



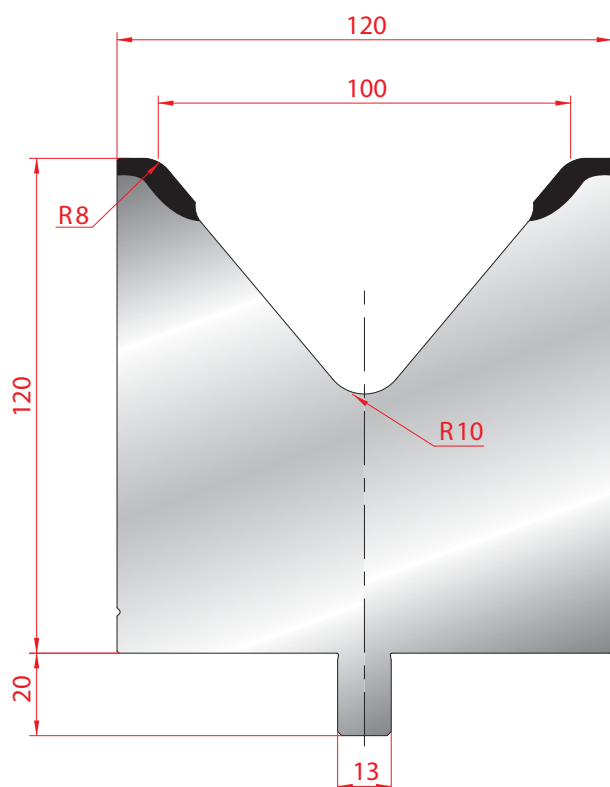
MATRICI 1V H100 - 80° / 1V DIES H100 - 80°

**3133**

Max T/m=100

**3134**

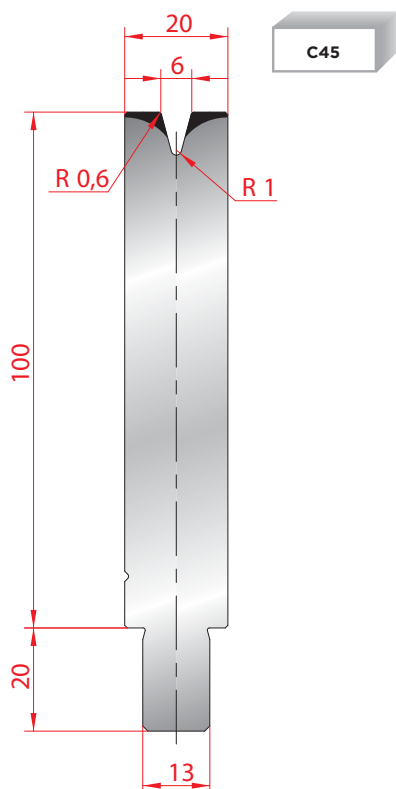
Max T/m=100

**3135**

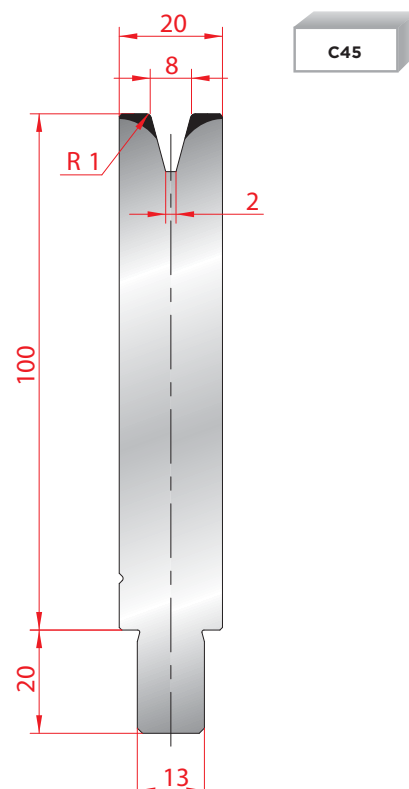
Max T/m=100

TRUMPF

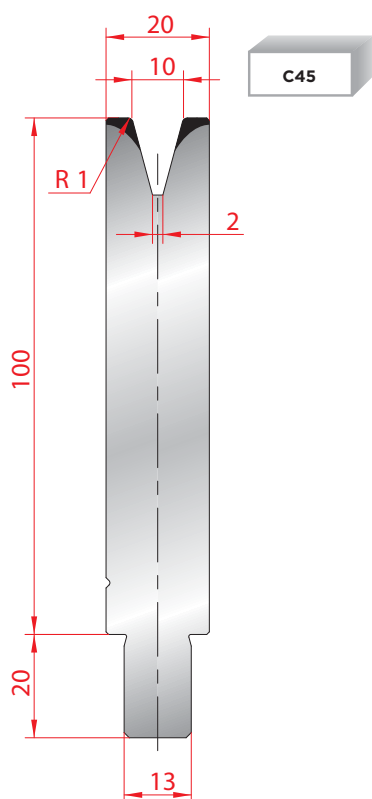
MATICI 1V H100 - 30° / 1V DIES H100 - 30°

**3136**

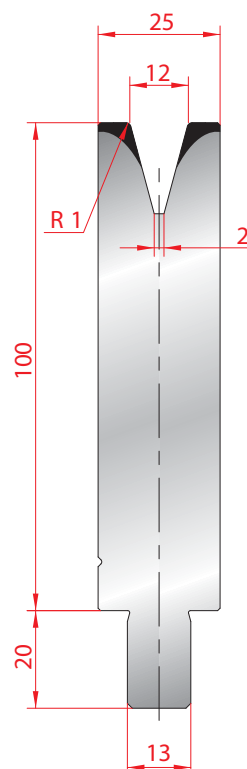
Max T/m=50

**3137**

Max T/m=40

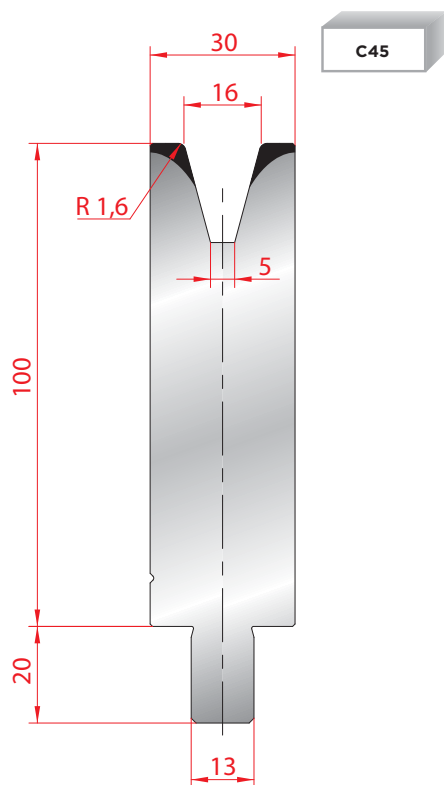
**3138**

Max T/m=40

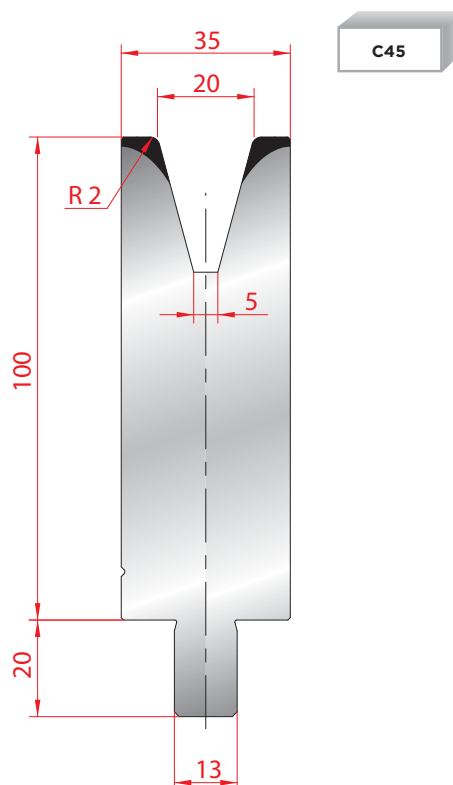
**3139**

Max T/m=50

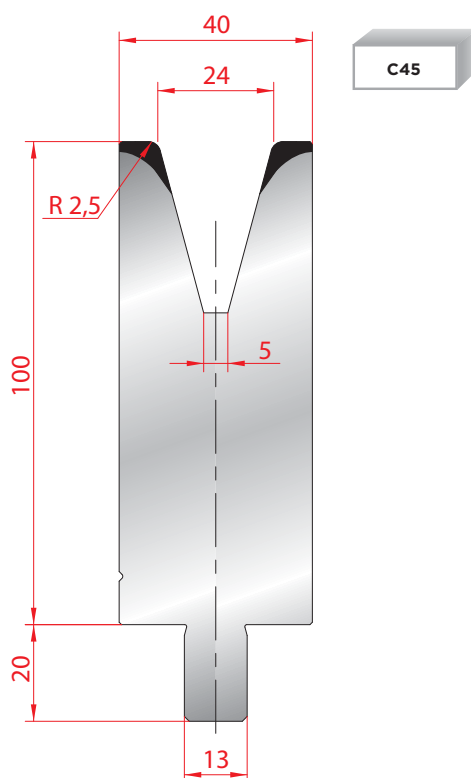
MATRICI 1V H100 - 30° / 1V DIES H100 - 30°

**3140**

Max T/m=45

**3141**

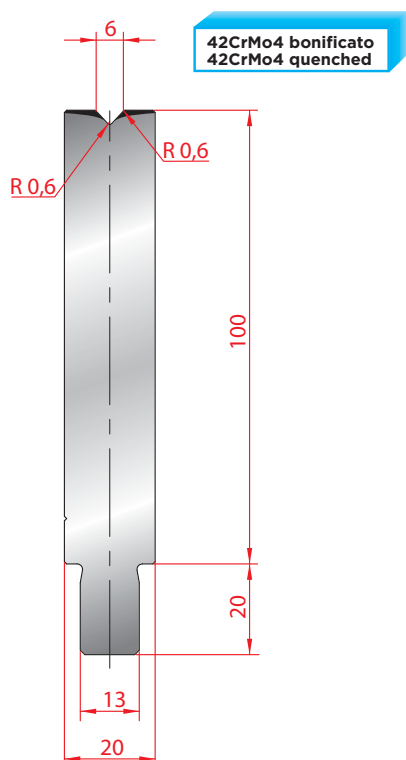
Max T/m=50

**3142**

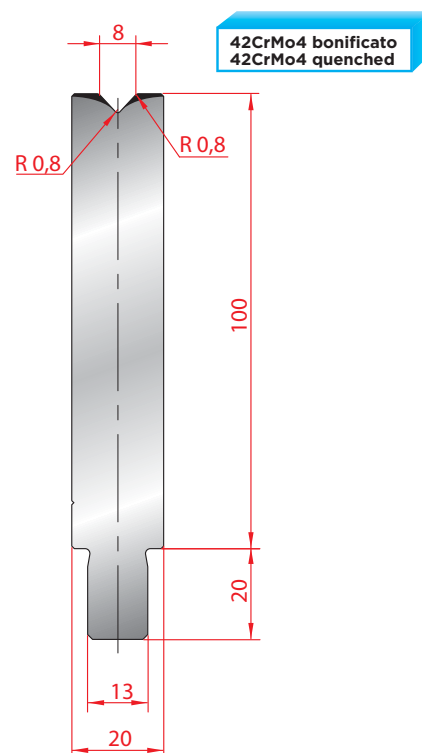
Max T/m=50

TRUMPF

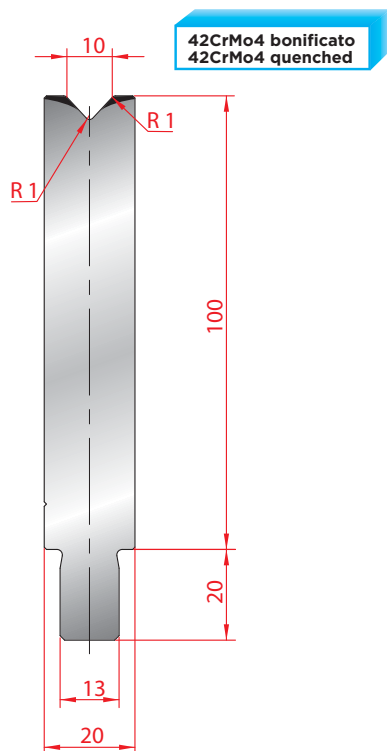
MATRICI 1V H100 - 86° / 1V DIES H100 - 86°

**3200**

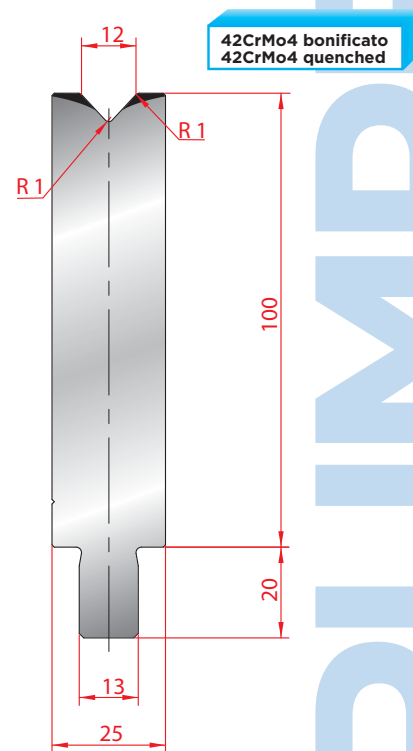
Max T/m=100

**3201**

Max T/m=100

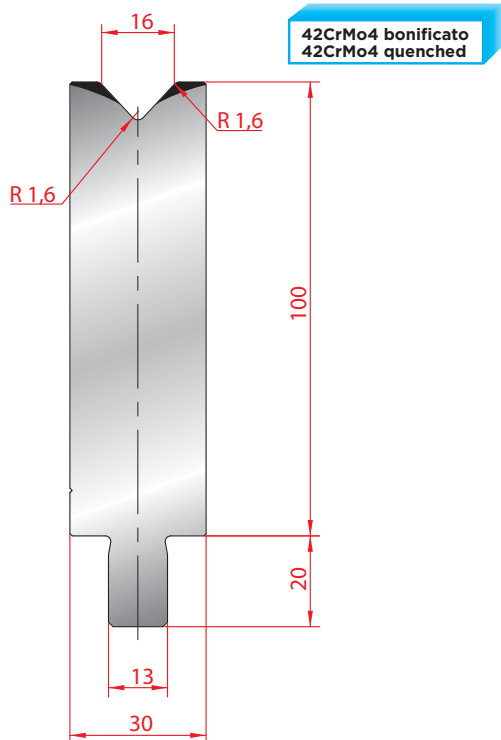
**3202**

Max T/m=100

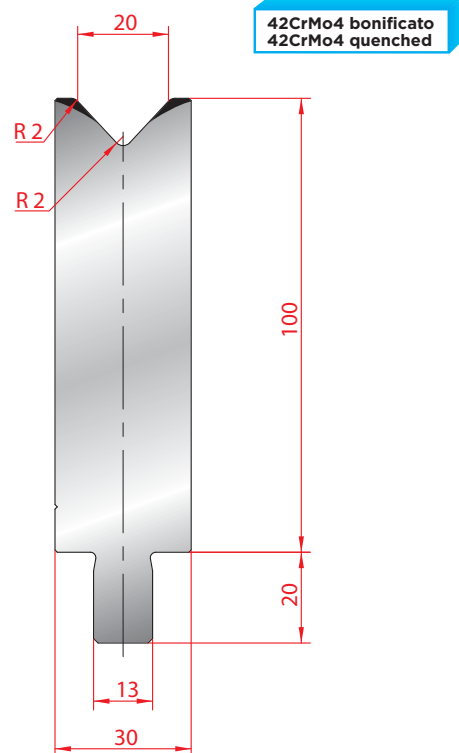
**3203**

Max T/m=100

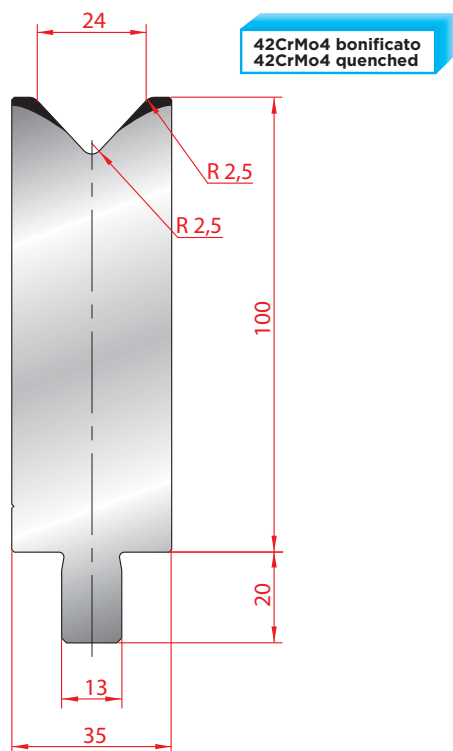
MATRICI 1V H100 - 86° / 1V DIES H100 - 86°

**3204**

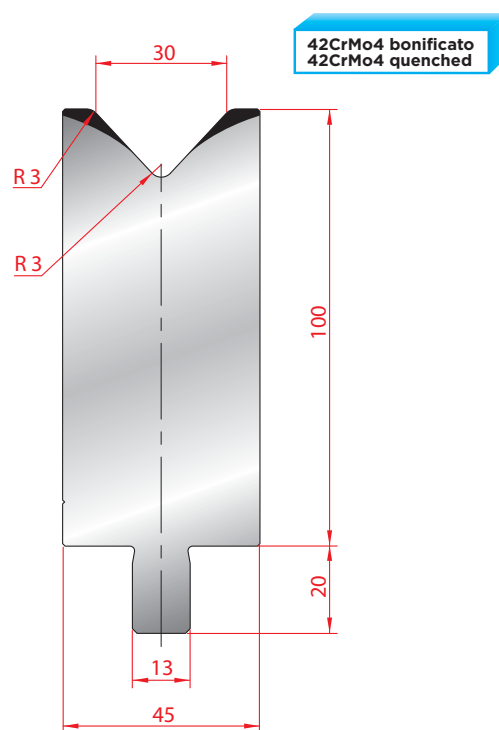
Max T/m=100

**3205**

Max T/m=100

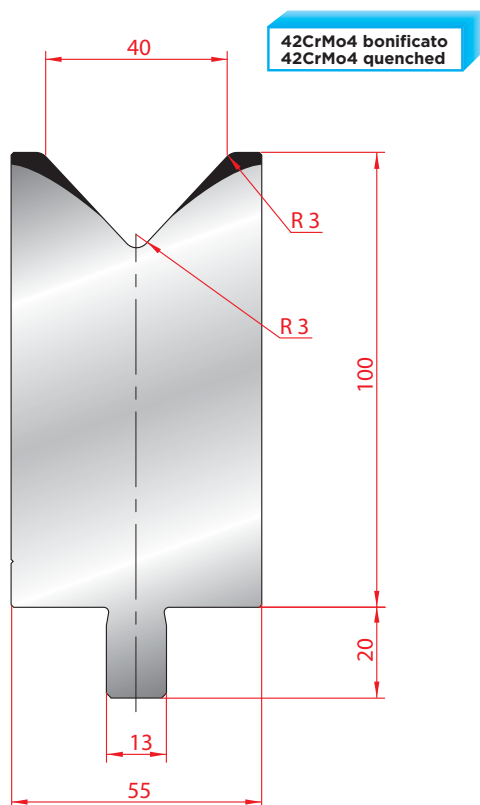
**3215**

Max T/m=100

**3216**

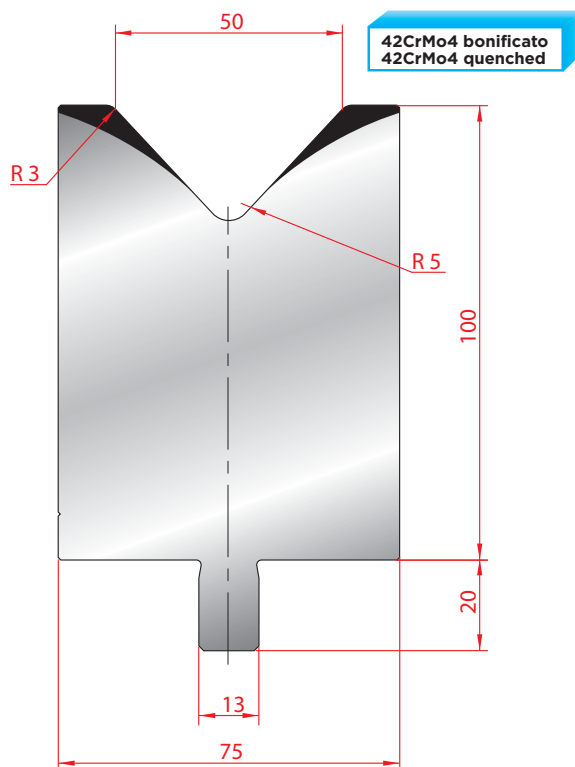
Max T/m=100

MATRICI 1V H100 - 86° / 1V DIES H100 - 86°



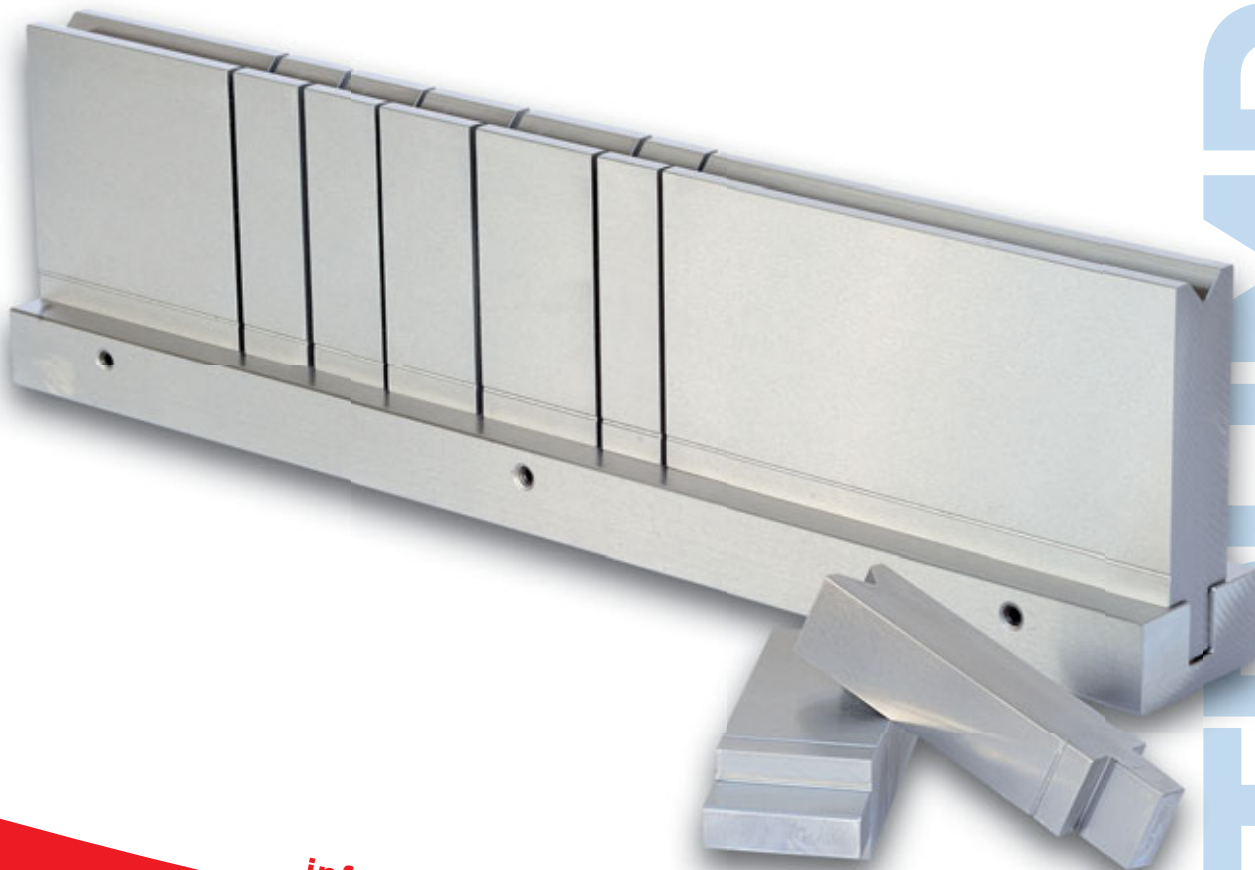
3217

Max T/m=120



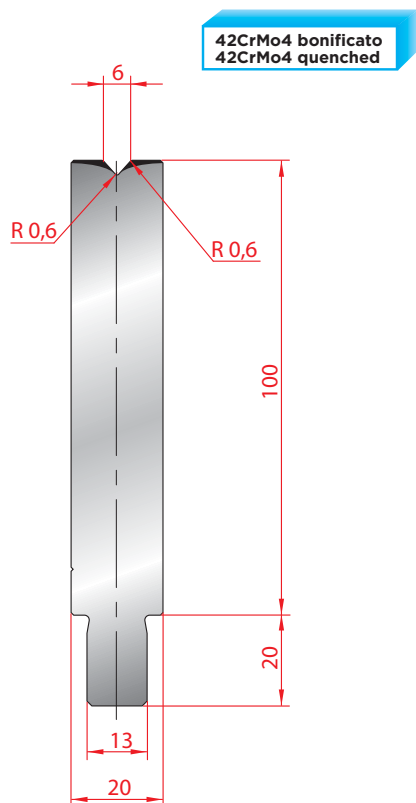
3218

Max T/m=150



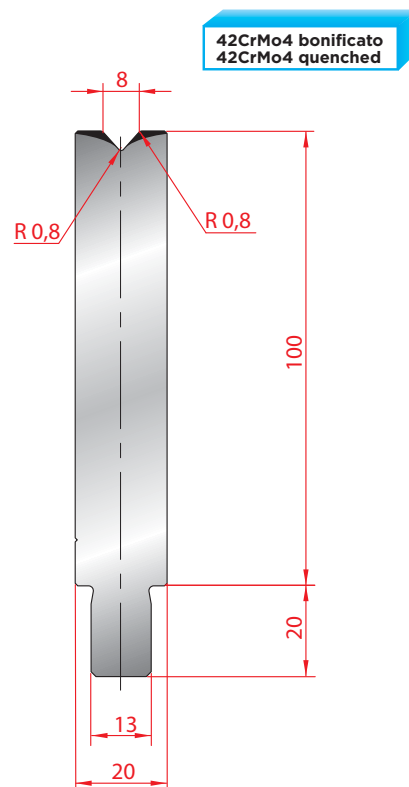
TRUMPF

MATRICI 1V H100 - 84° / 1V DIES H100 - 84°



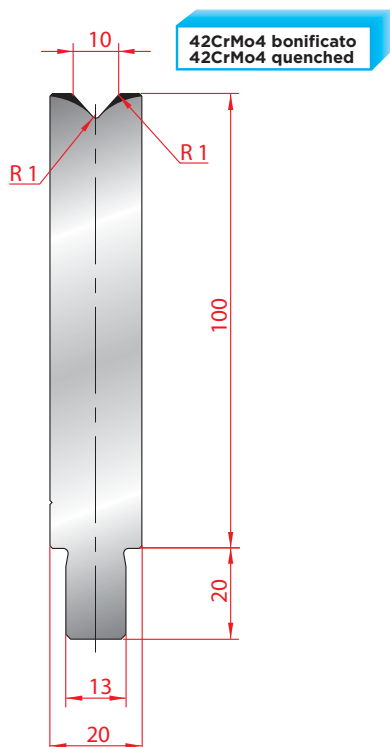
3225

Max T/m=100



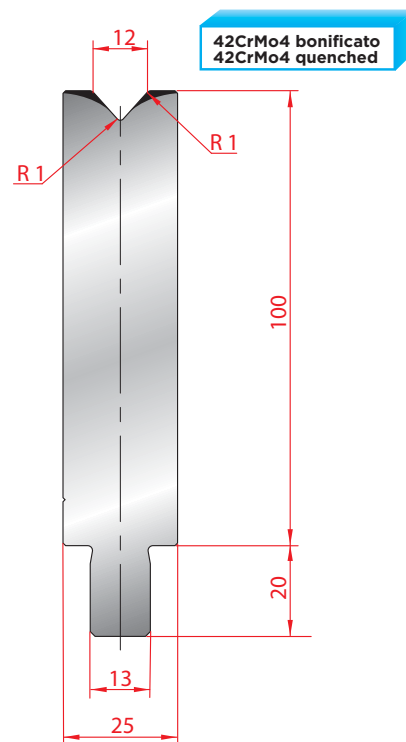
3226

Max T/m=100



3227

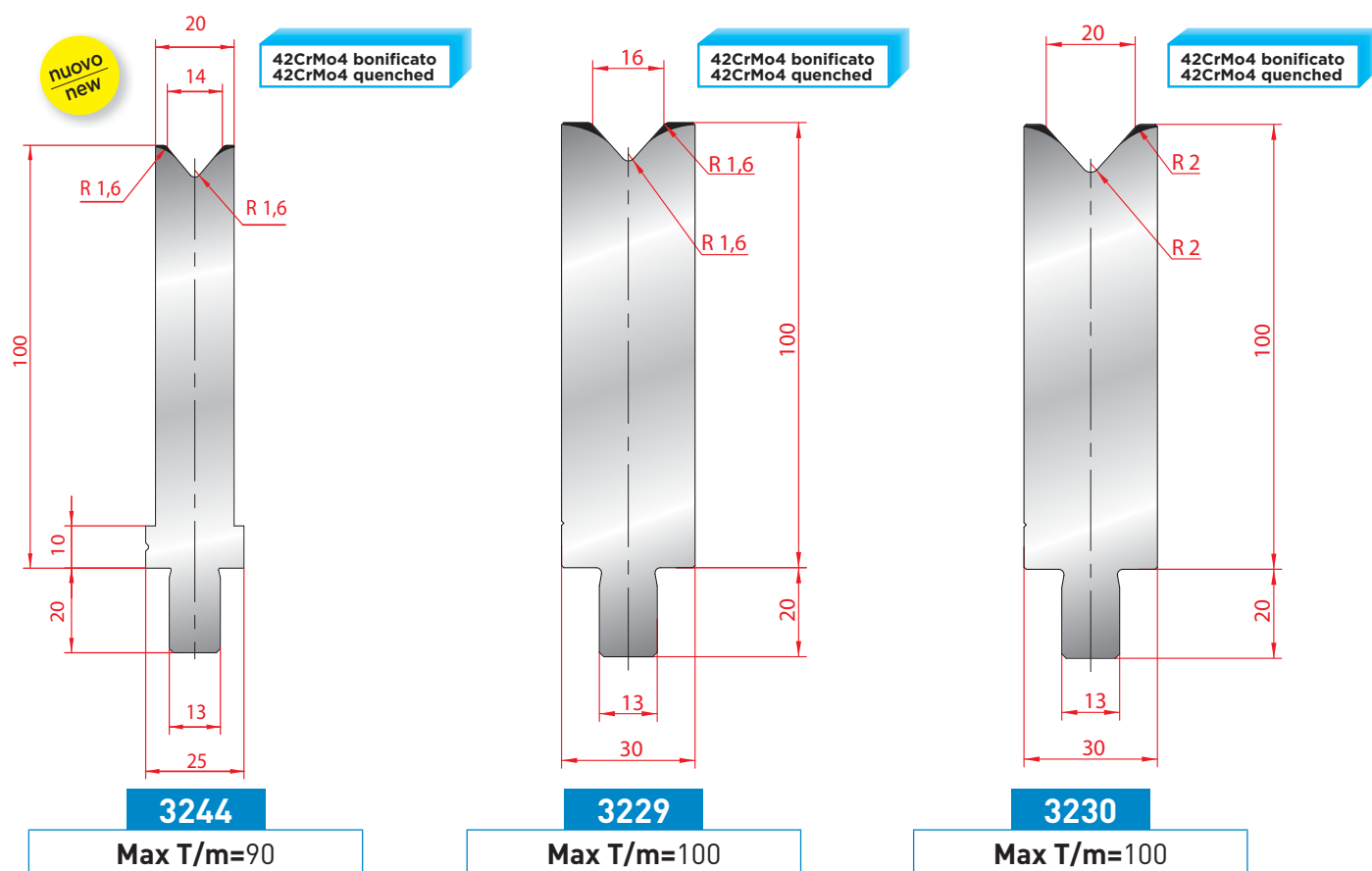
Max T/m=100



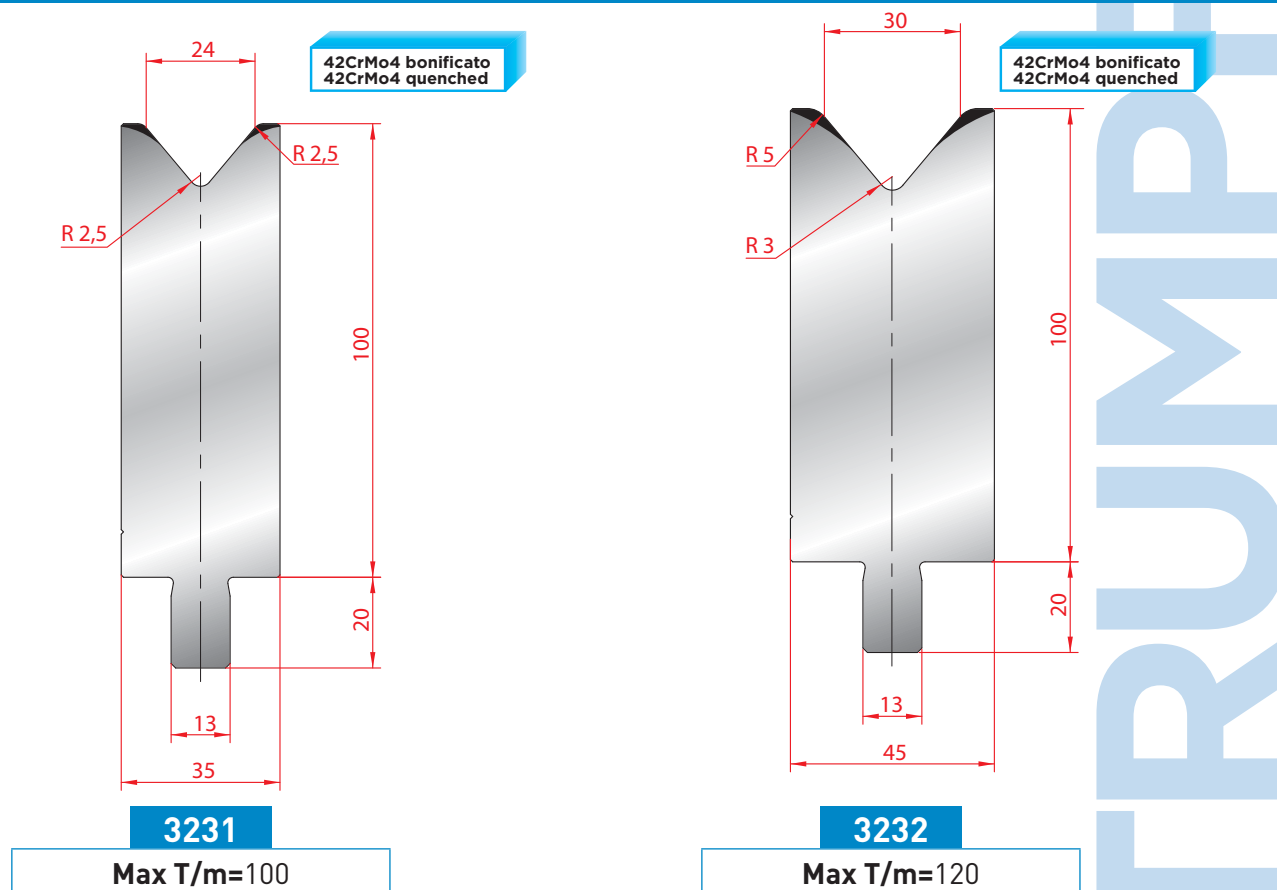
3228

Max T/m=100

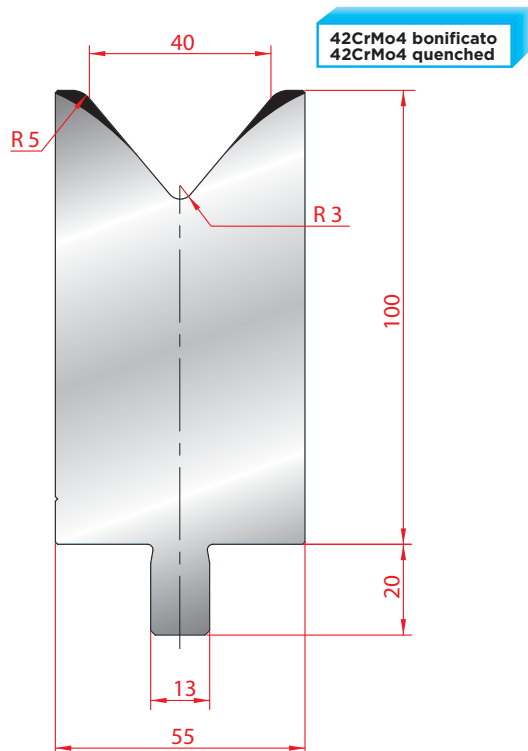
MATRICI 1V H100 - 84° / 1V DIES H100 - 84°



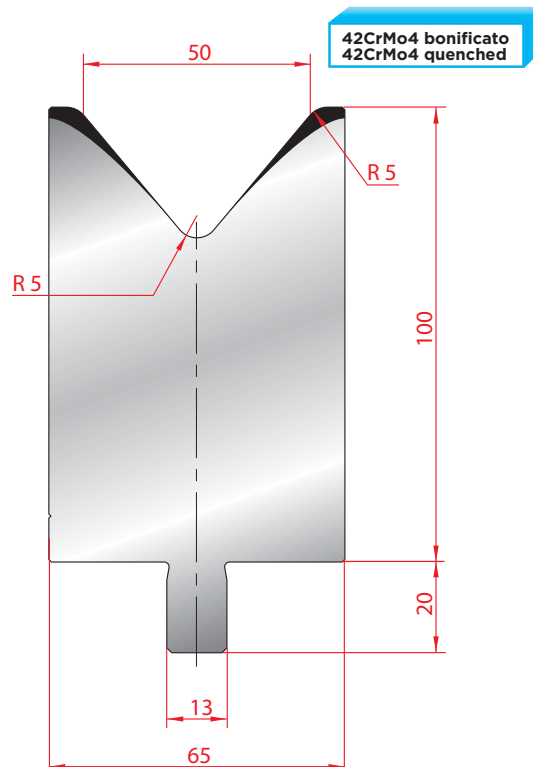
MATRICI 1V H100 - 80° / 1V DIES H100 - 80°



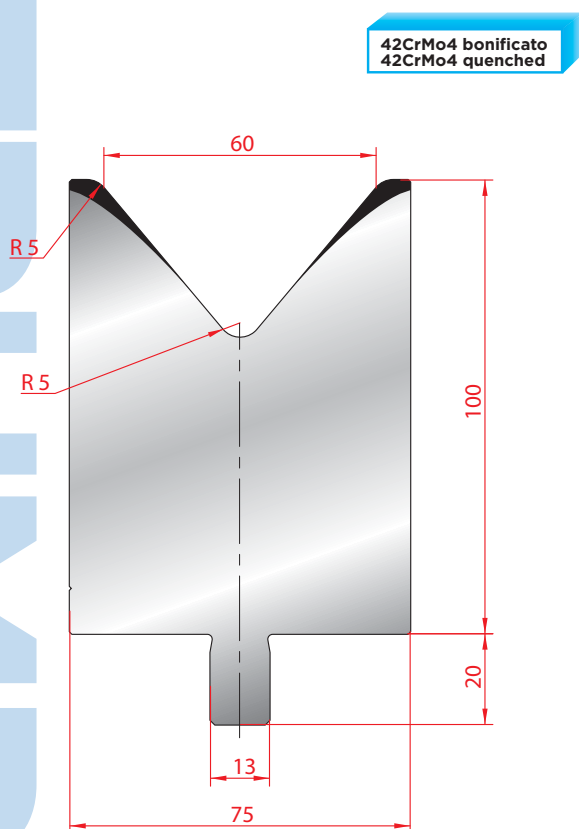
MATRICI 1V H100 - 80° / 1V DIES H100 - 80°

**3233**

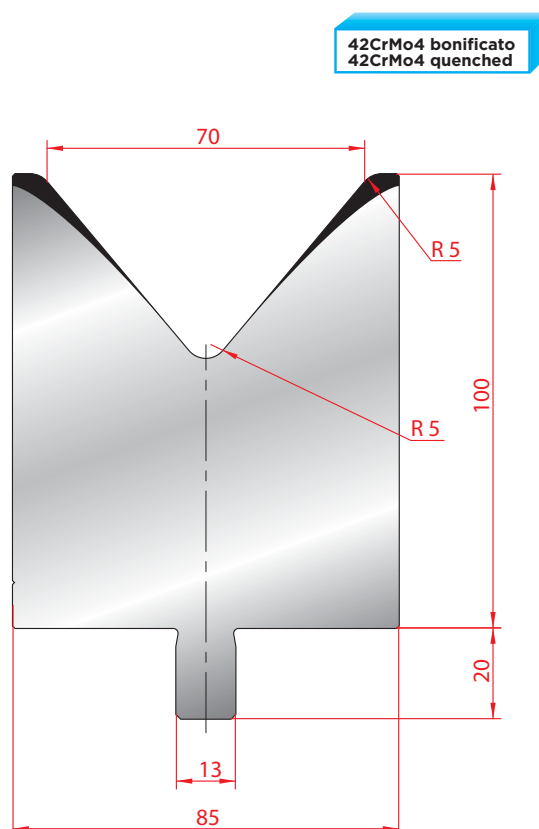
Max T/m=150

**3234**

Max T/m=150

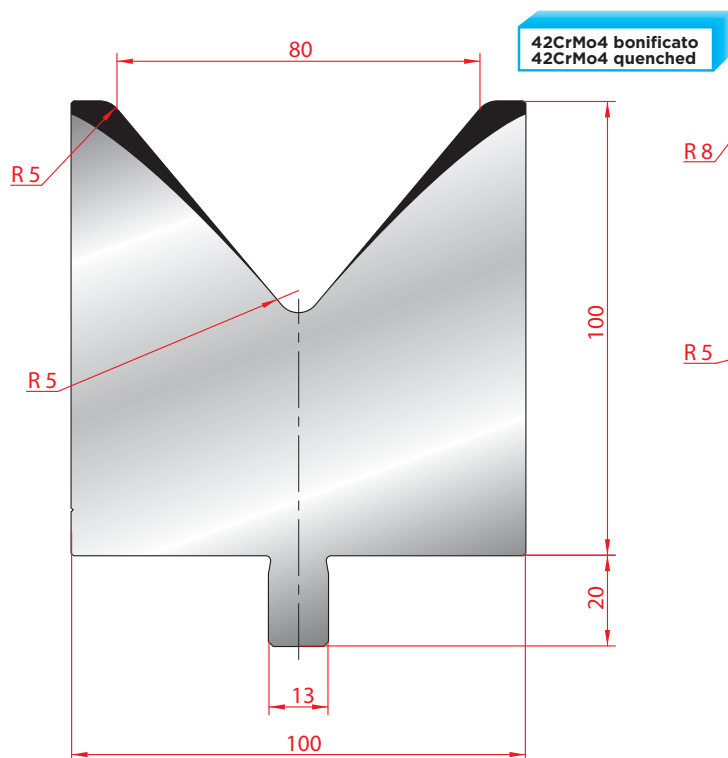
**3219**

Max T/m=150

**3220**

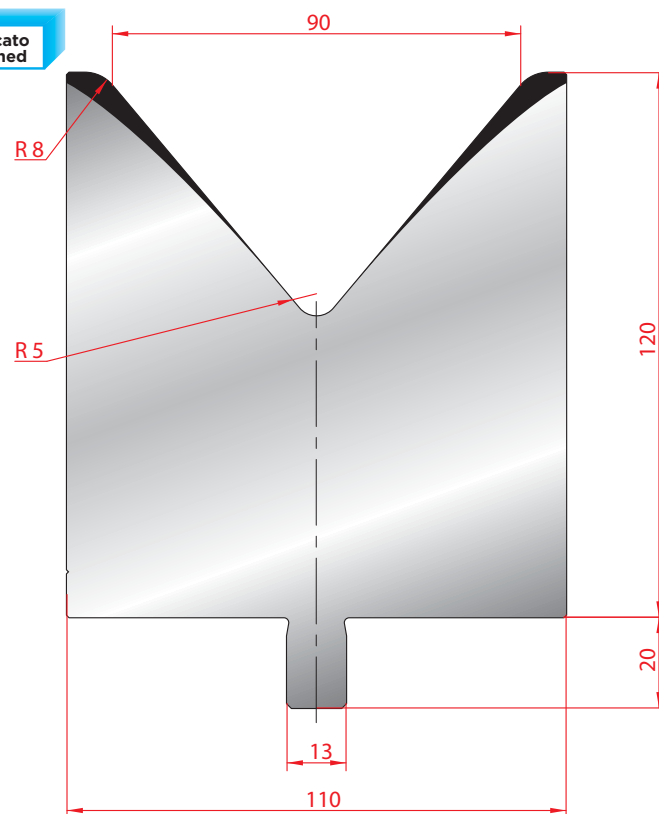
Max T/m=150

MATICI 1V H100/120 - 80° / 1V DIES H100/120 - 80°



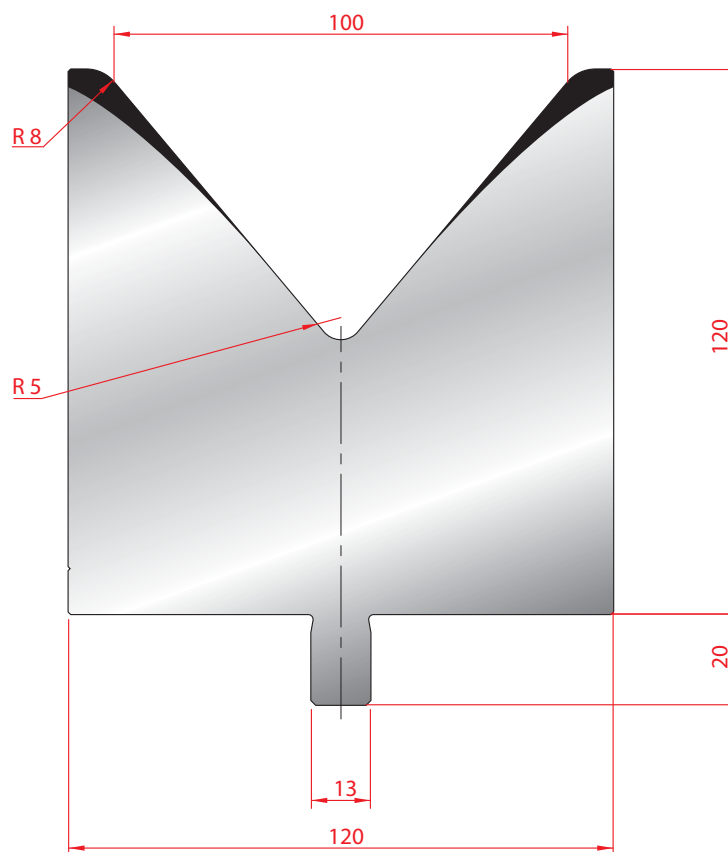
3221

Max T/m=150



3222

Max T/m=150

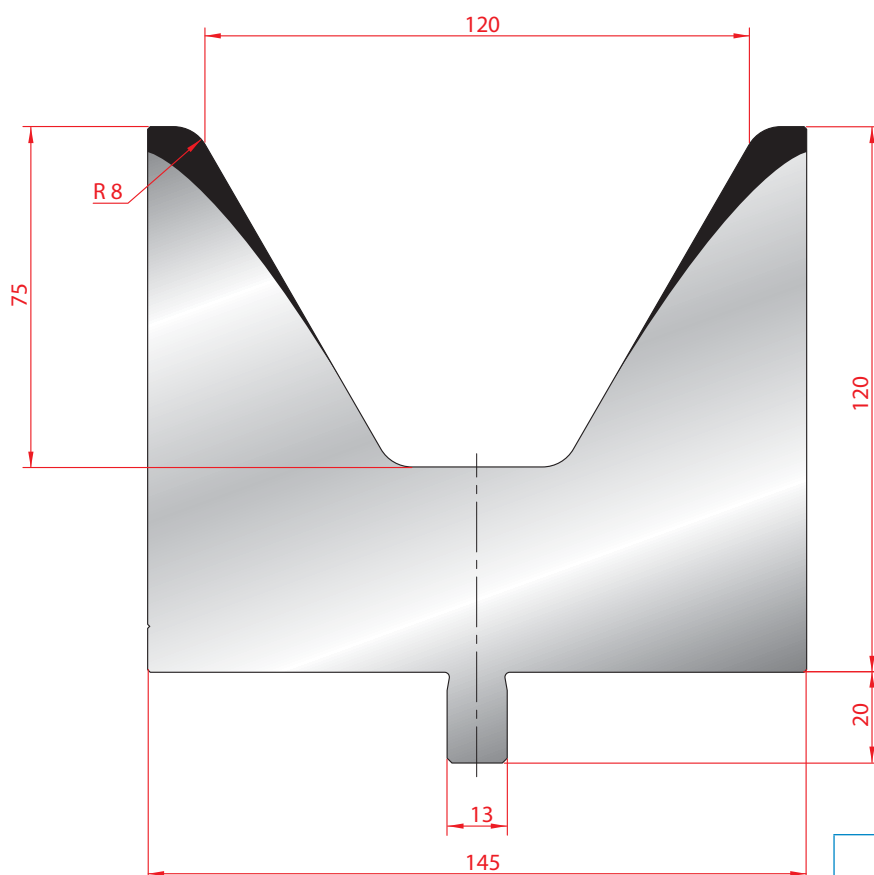


3223

Max T/m=150

42CrMo4 bonificato
42CrMo4 quenched

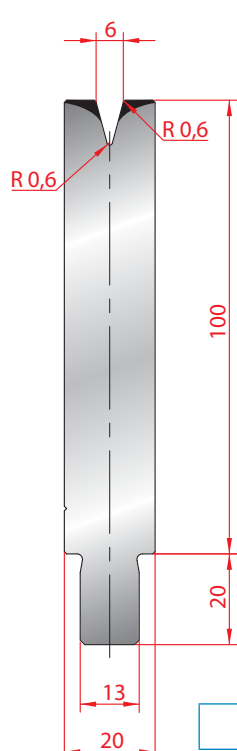
MATRICI 1V H120 - 60° / 1V DIES H120 - 60°

42CrMo4 bonificato
42CrMo4 quenched

3224

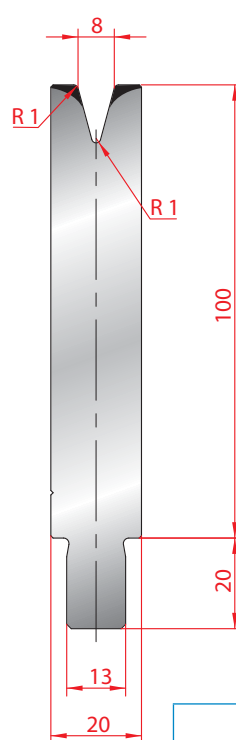
Max T/m=160

MATRICI 1V H100 - 30° / 1V DIES H100 - 30°

42CrMo4 bonificato
42CrMo4 quenched

3206

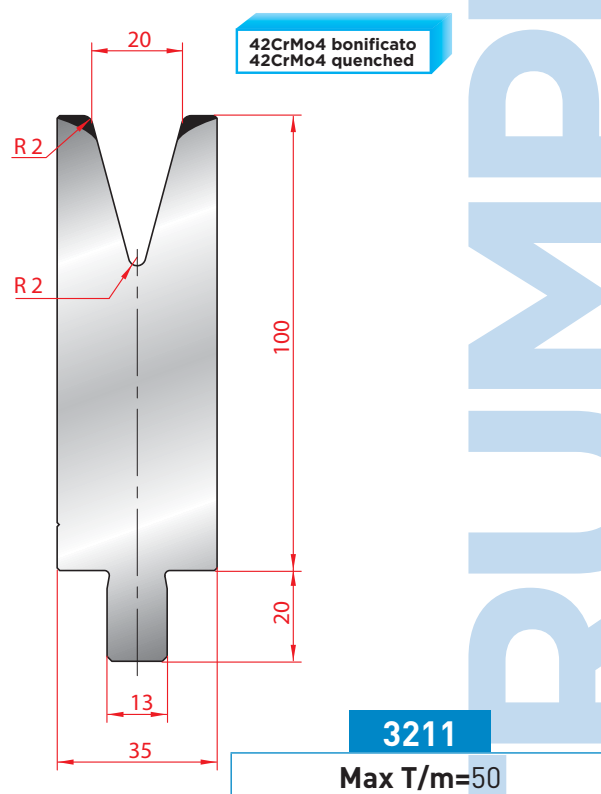
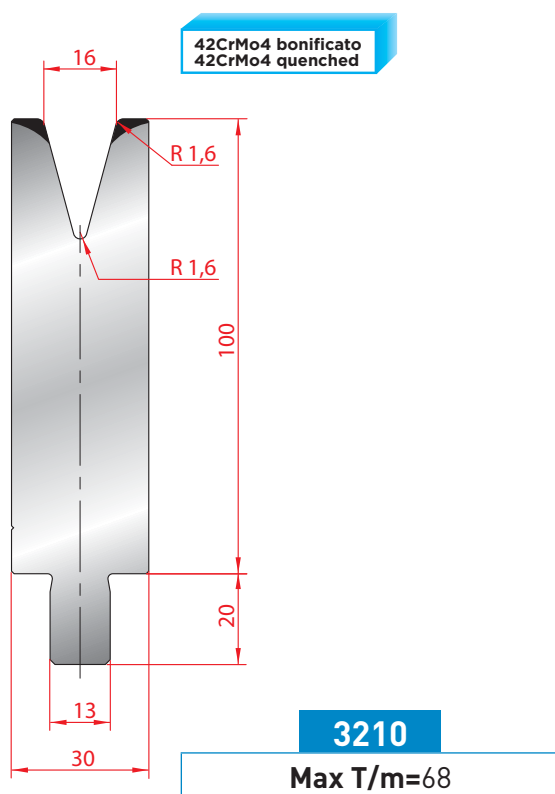
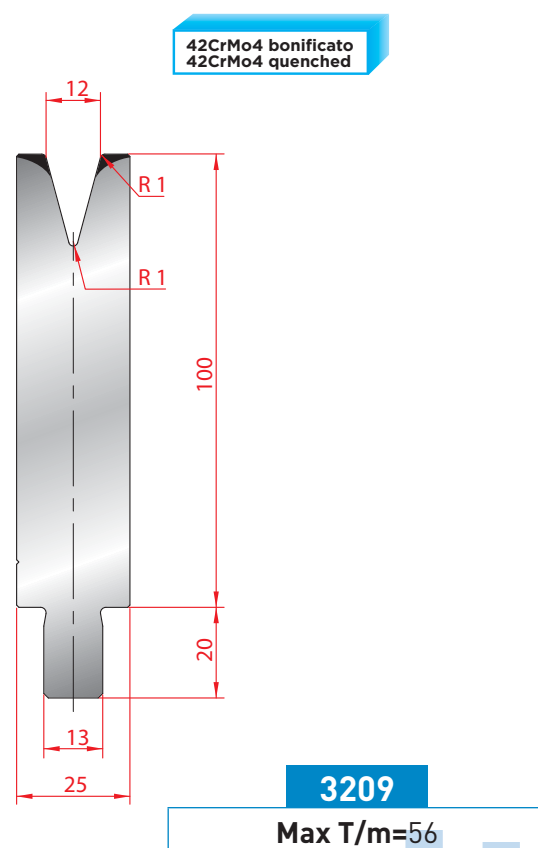
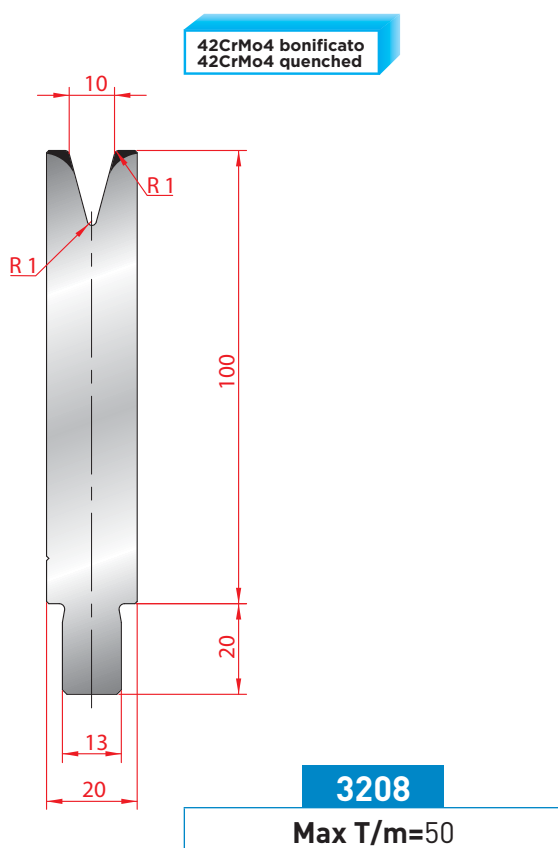
Max T/m=60

42CrMo4 bonificato
42CrMo4 quenched

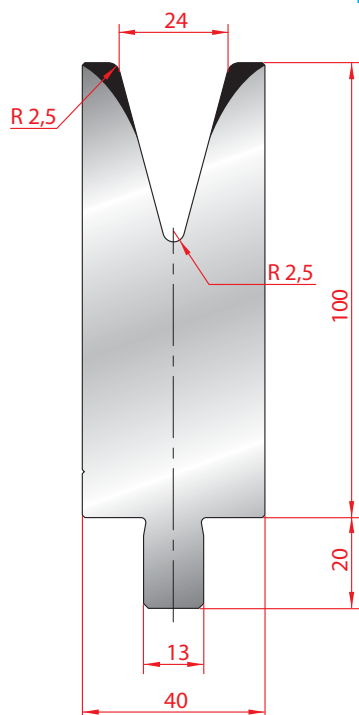
3207

Max T/m=50

MATRICI 1V H100 - 30° / 1V DIES H100 - 30°

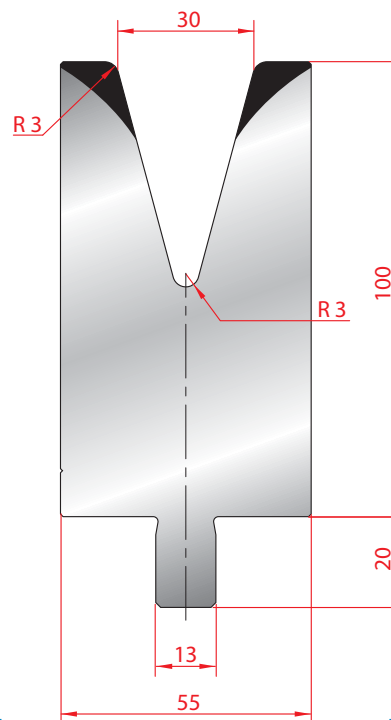


MATRICI 1V H100 - 30° / 1V DIES H100 - 30°

42CrMo4 bonificato
42CrMo4 quenched

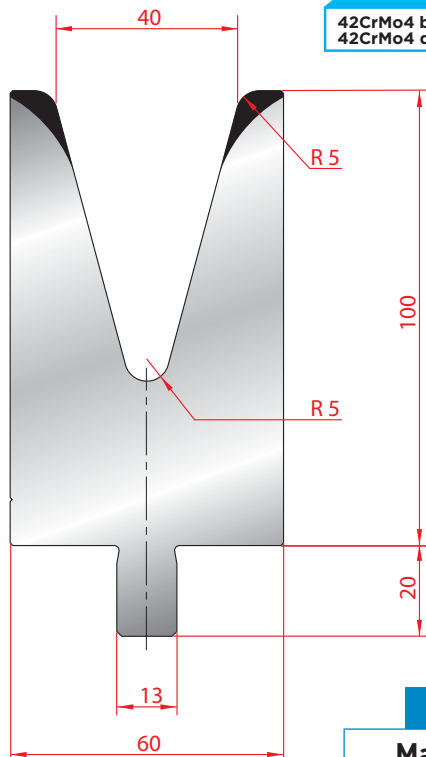
3212

Max T/m=55

42CrMo4 bonificato
42CrMo4 quenched

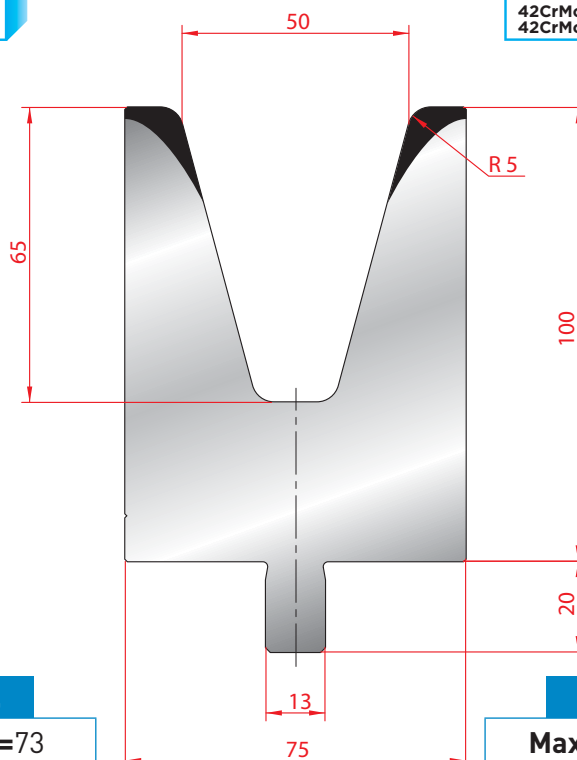
3213

Max T/m=85

42CrMo4 bonificato
42CrMo4 quenched

3214

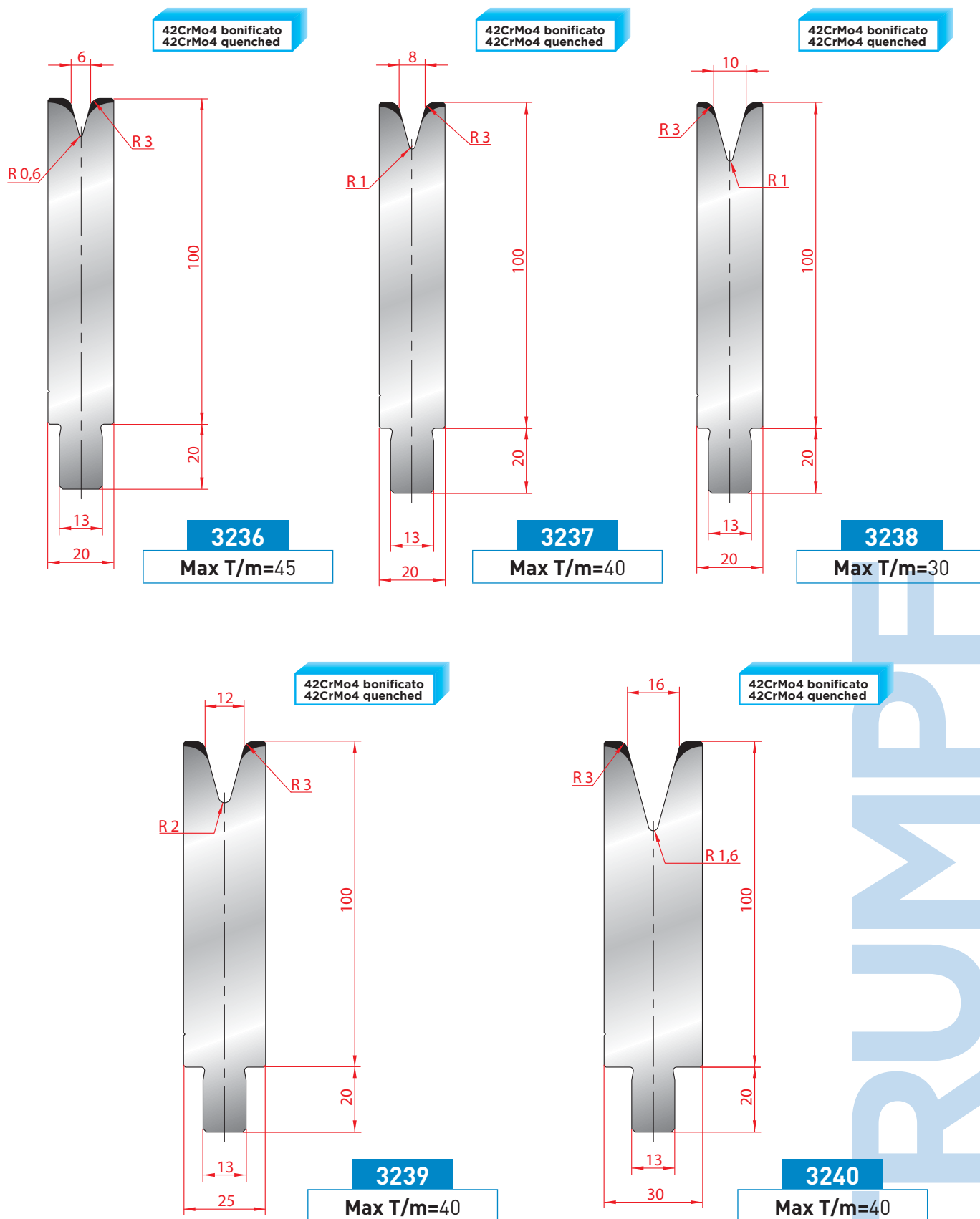
Max T/m=73

42CrMo4 bonificato
42CrMo4 quenched

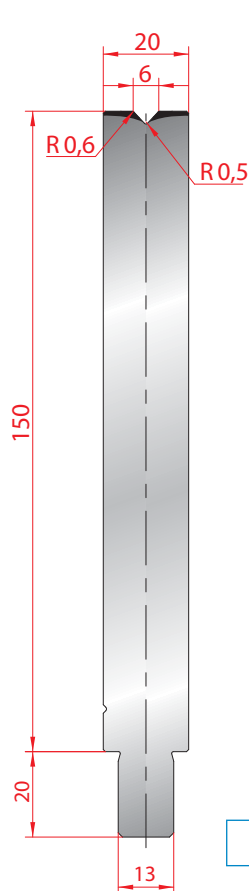
3235

Max T/m=100

MATRICI 1V H100 - 30° R3 / 1V DIES H100 - 30° R3

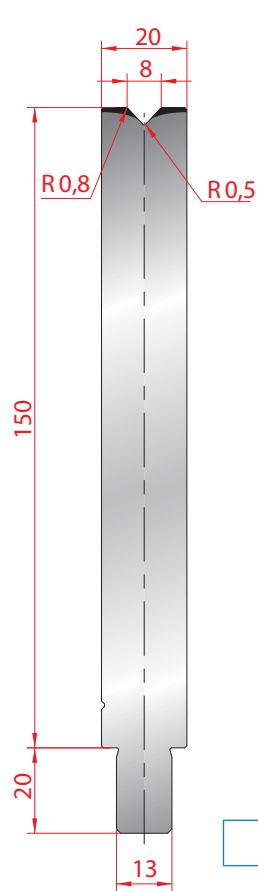


MATRICI 1V H150 - 86° / 1V DIES H150 - 86°



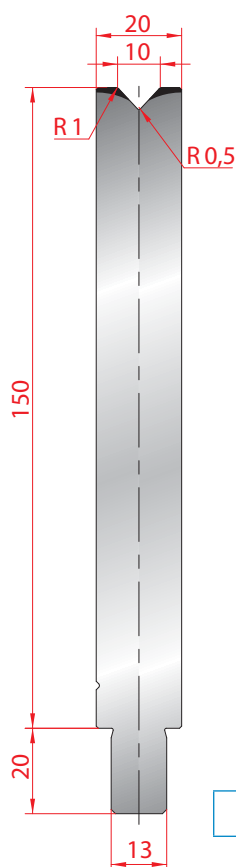
3143

Max T/m=100



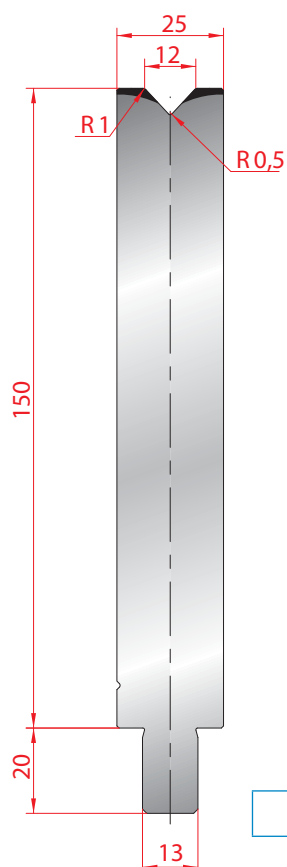
3144

Max T/m=100



3145

Max T/m=100

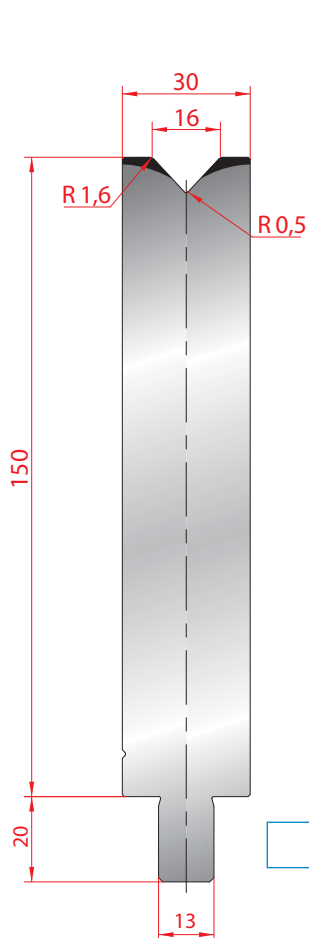


3146

Max T/m=100

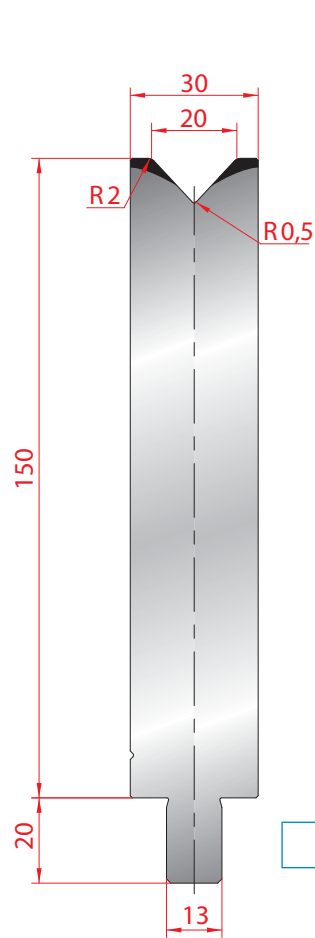
TRUMPF

MATRICI 1V H150 - 86° / 1V DIES H150 - 86°



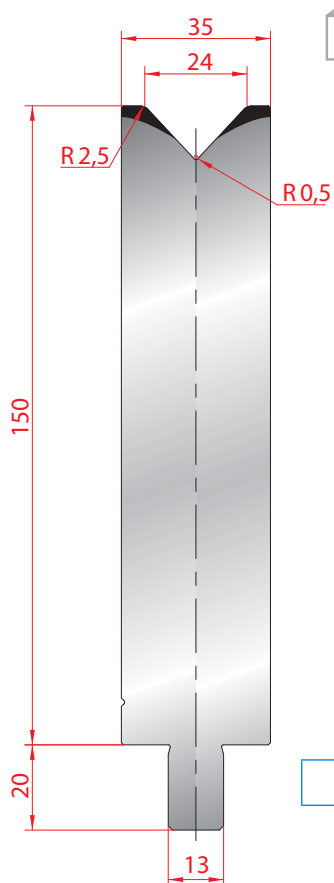
3147

Max T/m=100



3148

Max T/m=100

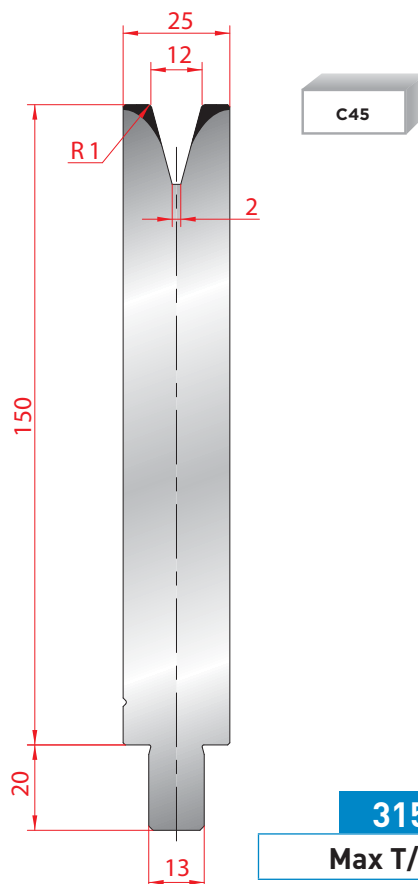
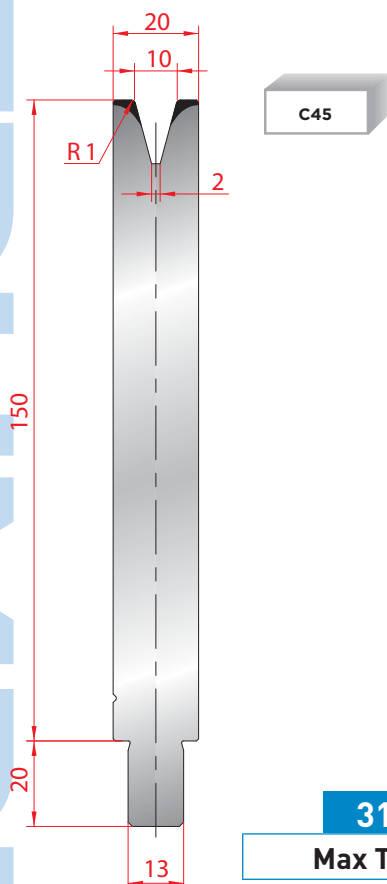
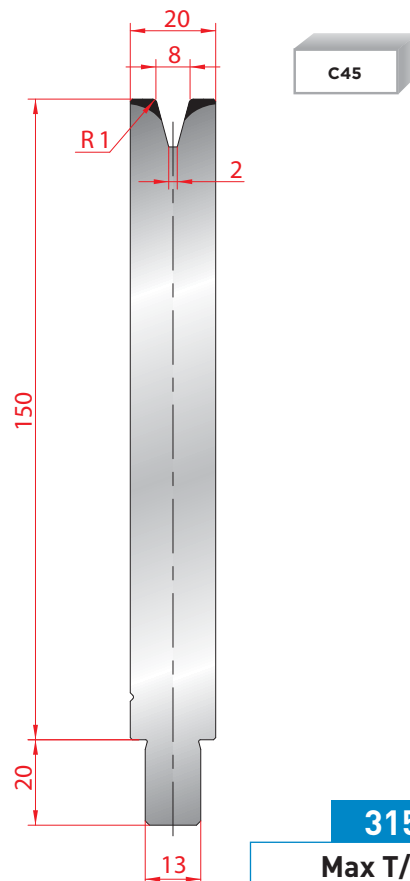
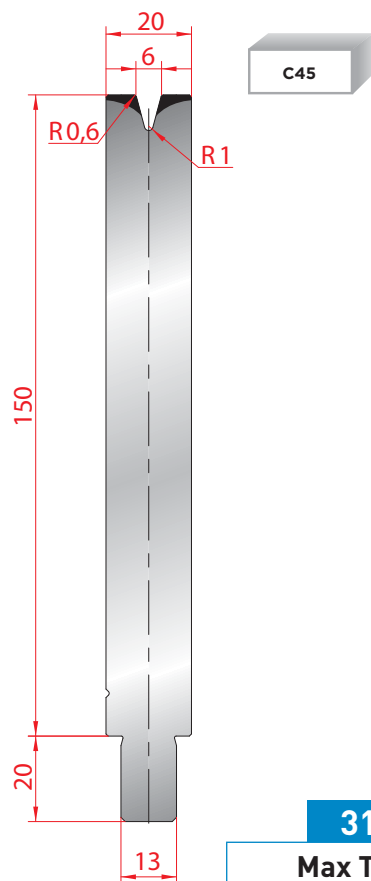


3149

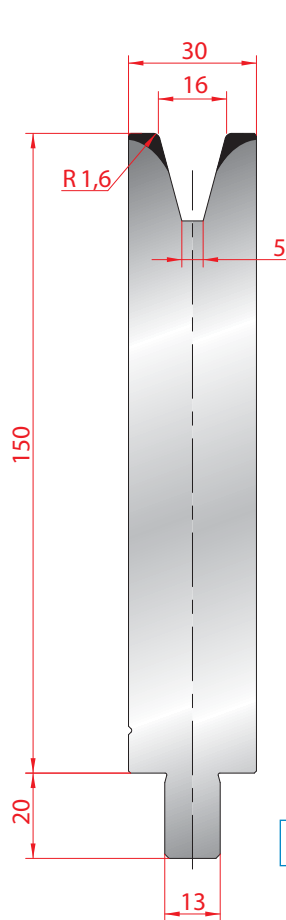
Max T/m=100

TRUMPF

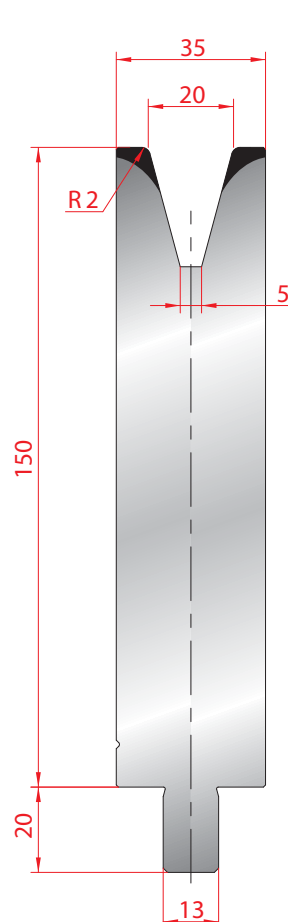
MATRICI 1V H150 - 30° / 1V DIES H150 - 30°



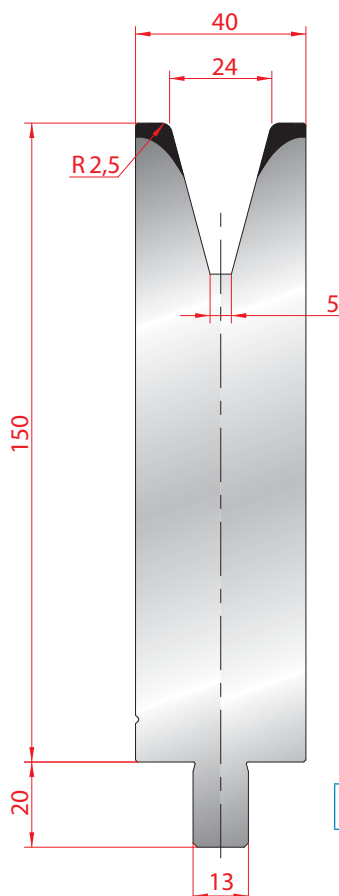
MATRICI 1V H150 - 30° / 1V DIES H150 - 30°



3154
Max T/m=45



3155
Max T/m=50

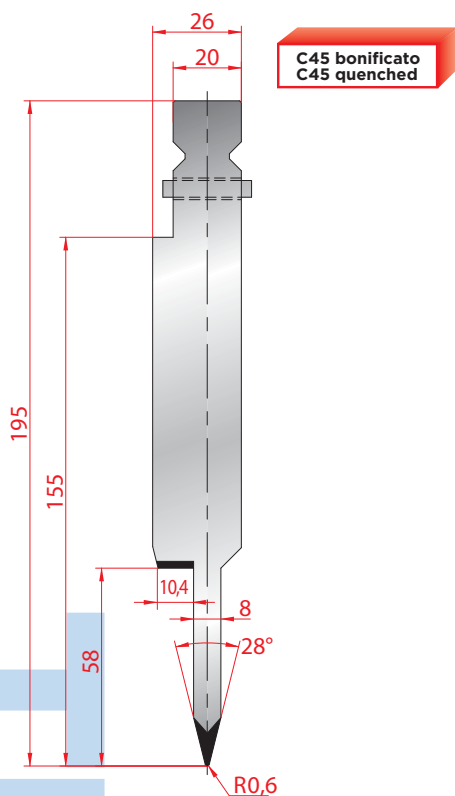


3156
Max T/m=50

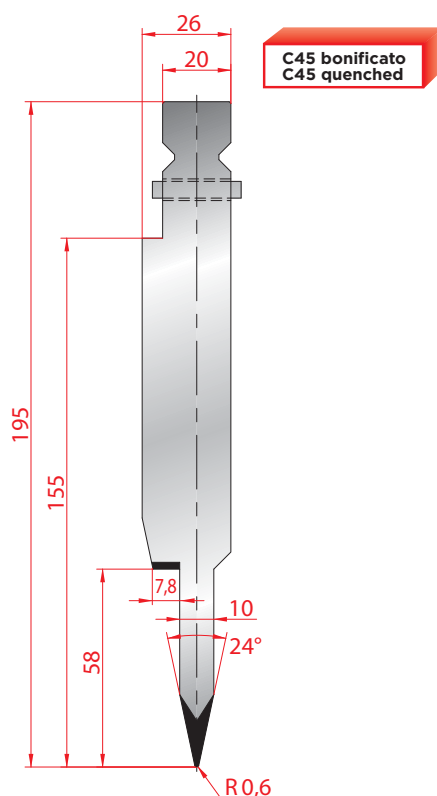
PIEGASCHIACCIA / FLATTENING-HEMMING TOOLS

1249**Max T/m=80**

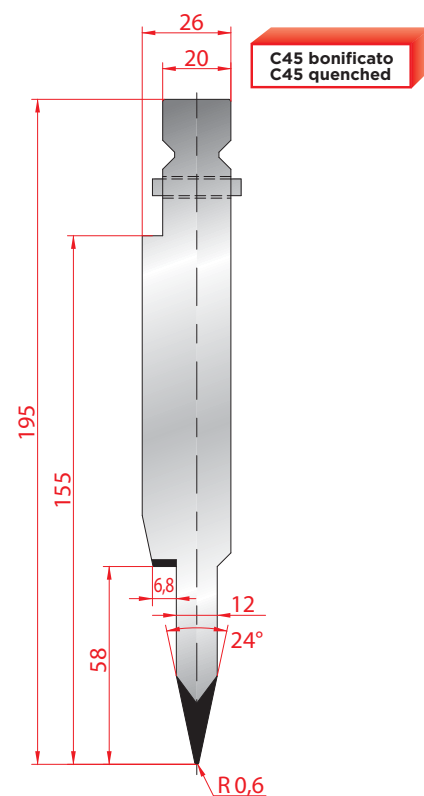
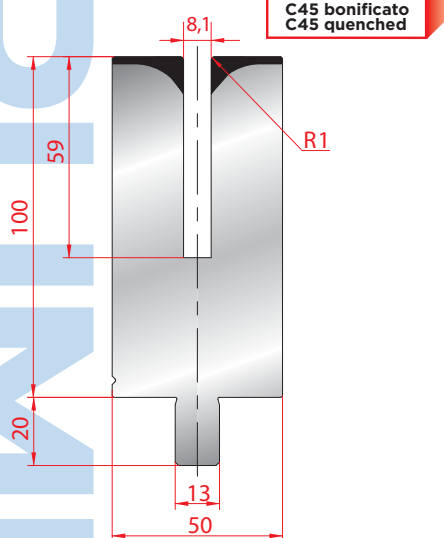
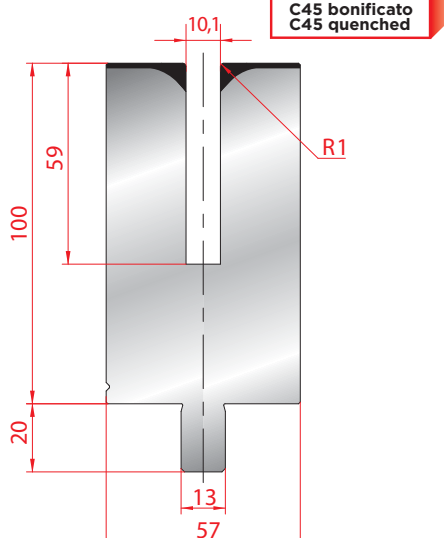
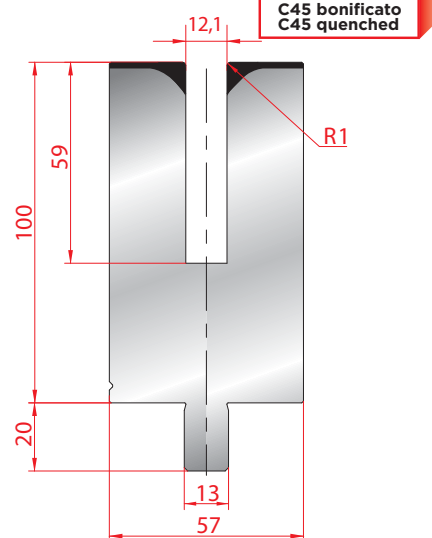
spessore max di lamiera (ferro normale) 1,2 mm
max sheet metal thickness mild steel 1,2 mm

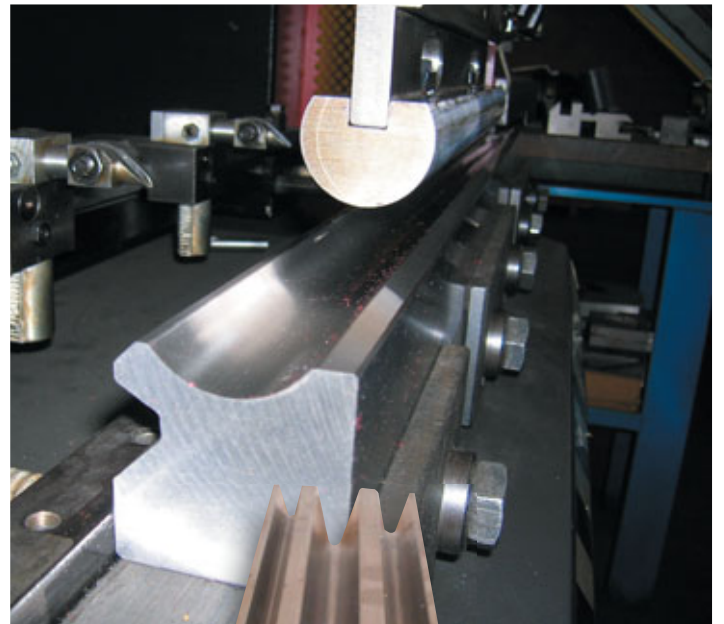
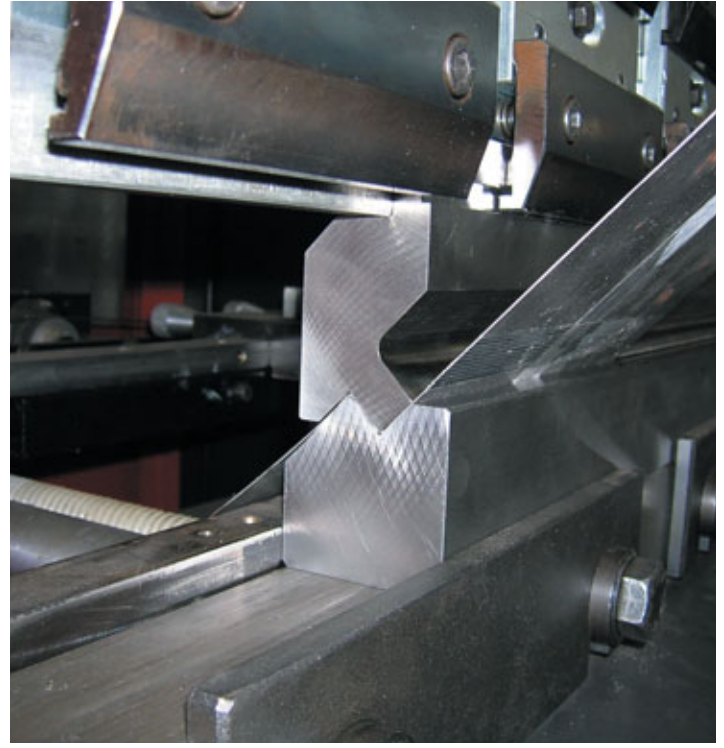
**1250****Max T/m=50**

spessore max di lamiera (ferro normale) 1,5 mm
max sheet metal thickness mild steel 1,5 mm

**1251****Max T/m=50**

spessore max di lamiera (ferro normale) 1,5 mm
max sheet metal thickness mild steel 1,5 mm

**3157****Max T/m=50****3174****Max T/m=50****3175****Max T/m=50**



ADJUSTABLE DIES

ADJUSTABLE DIES

MATRICI REGOLABILI / ADJUSTABLE DIES INDEX

- Canalette / Die holders152
- Matrici regolabili / Adjustable dies.....153-155

CANALETTE / DIE HOLDERS

MODELLI PER MATRICI REGOLABILI
MODELS FOR ADJUSTABLE DIES

Per matrice / for die 3190

9015

3000 mm

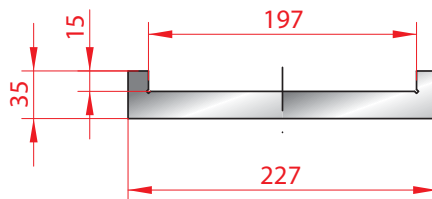
9018

2000 mm

Attacco Wila-Trumpf
Wila-Trumpf groove

1000 mm

500 mm



Per matrice / for die 3191

9016

3000 mm

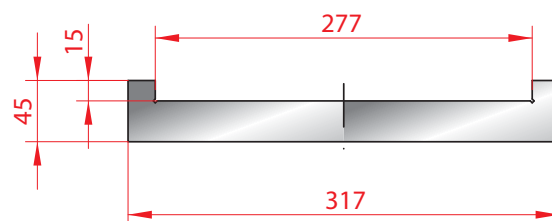
9019

2000 mm

Attacco Wila-Trumpf
Wila-Trumpf groove

1000 mm

500 mm



Per matrice / for die 3192

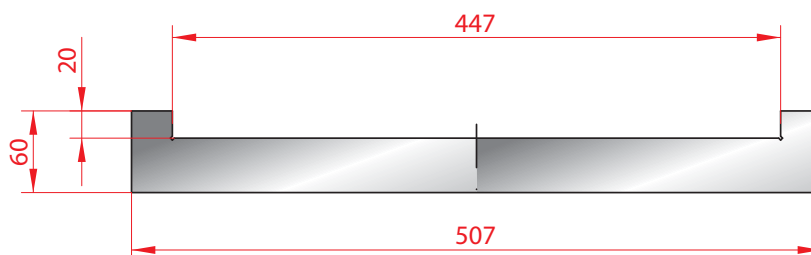
9014

3000 mm

2400 mm

1200 mm

600 mm



Per matrice / for die 3243

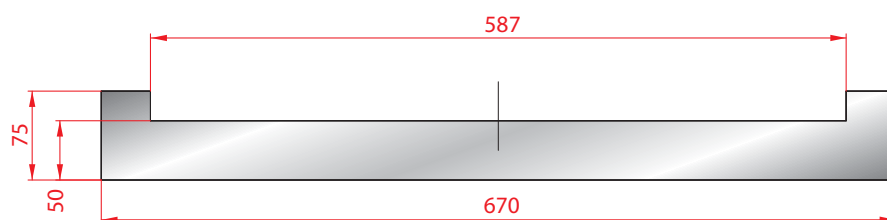
9017

3000 mm

2400 mm

1200 mm

600 mm

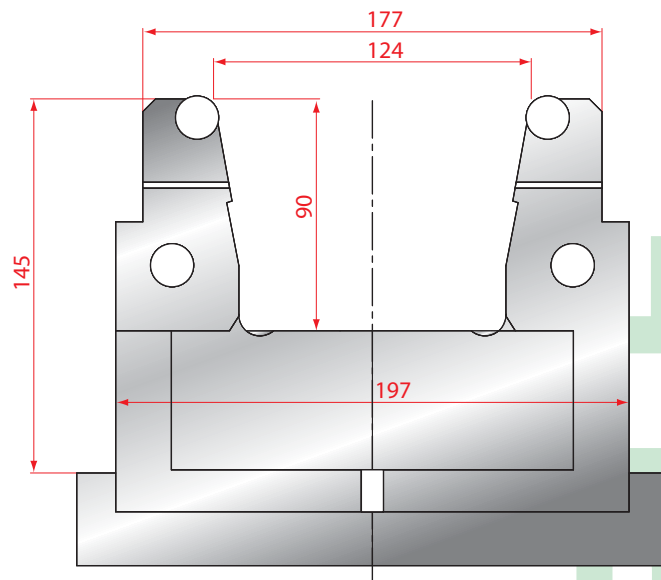
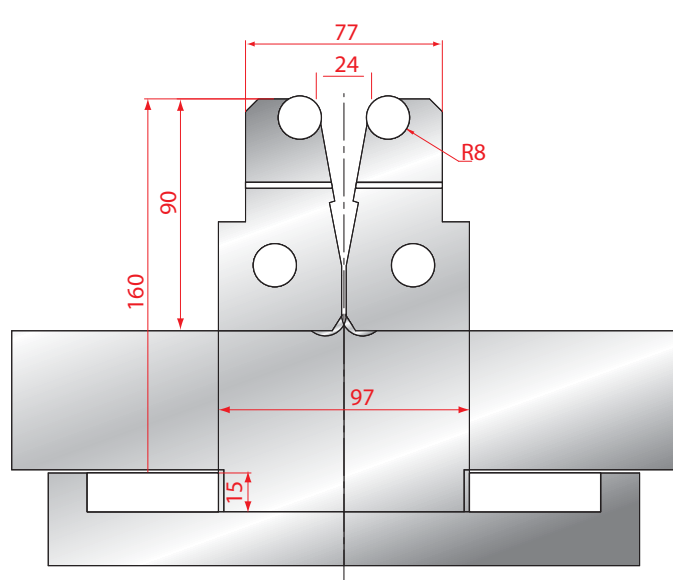


MATRICI REGOLABILI / ADJUSTABLE DIES

Questa tipologia di matrici richiede sempre una canaletta speciale per ogni tipo
These adjustable dies need a special die holder



cod. 9015 / 9018 (pag.152)

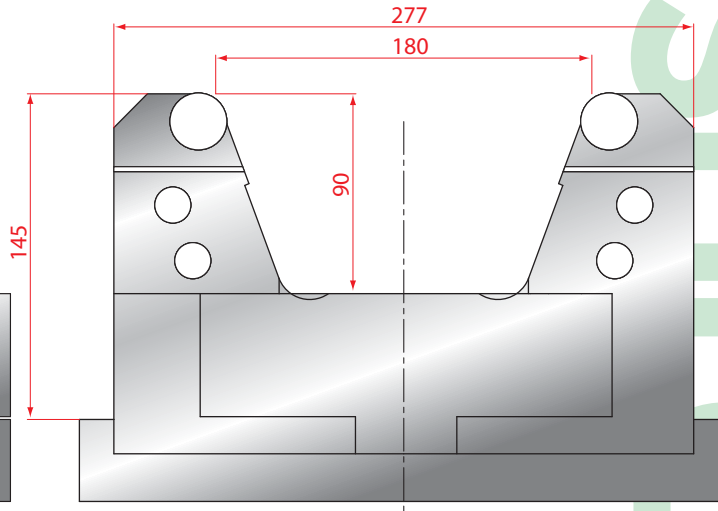
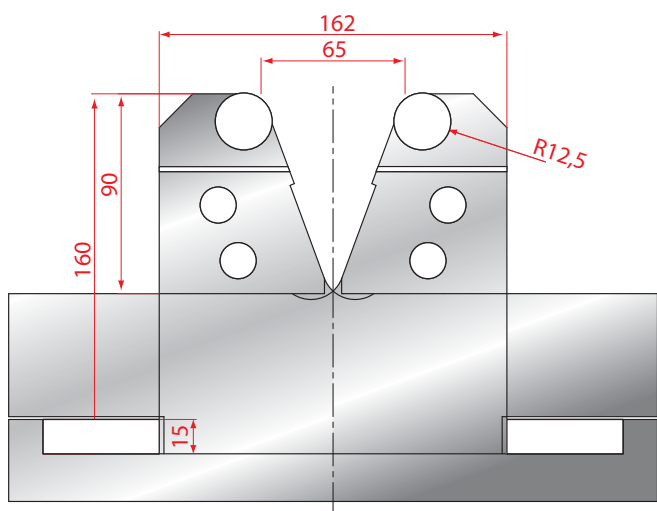


3190

Angolo di piega massima= 60° V= da 24 a 124 L=1000 Max=125 T/m a 90°
Maximum bending angle = 60° V= from 24 to 124 L=1000 Max=125 T/m at 90°



cod. 9016 / 9019 (pag. 152)



3191

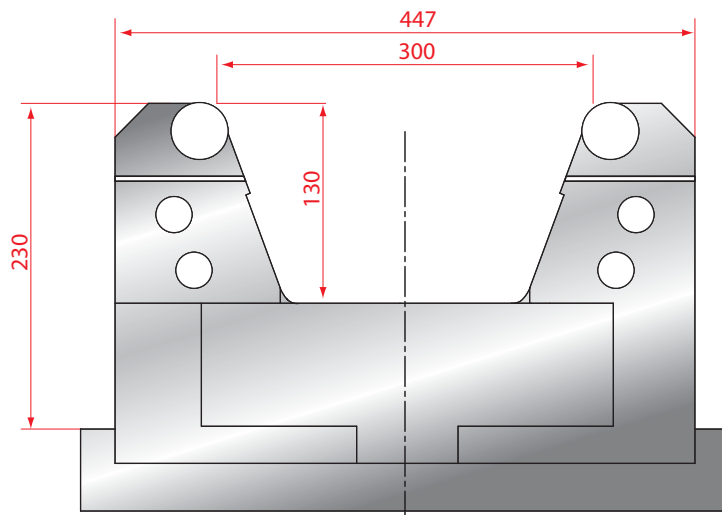
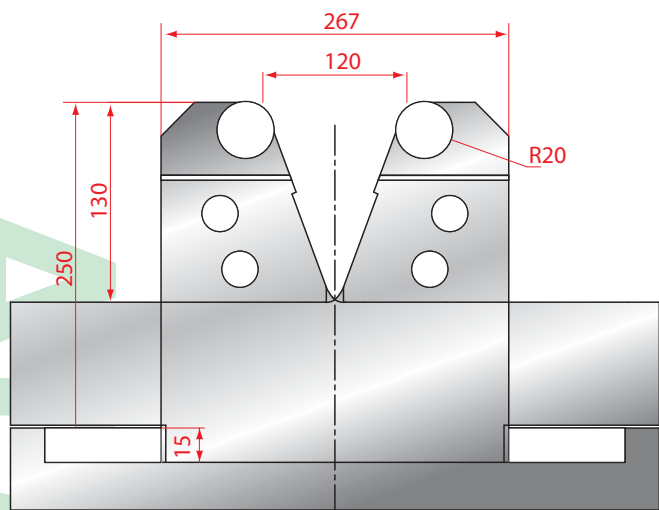
Angolo di piega massima= 60° V=da 60 a 180 L=1000 Max=200 T/m a 90°
Maximum bending angle = 60° V= from 60 to 180 L=1000 Max=200 T/m at 90°

MATRICI REGOLABILI / ADJUSTABLE DIES

Questa tipologia di matrici richiede sempre una canaletta speciale per ogni tipo
These adjustable dies need a special die holder

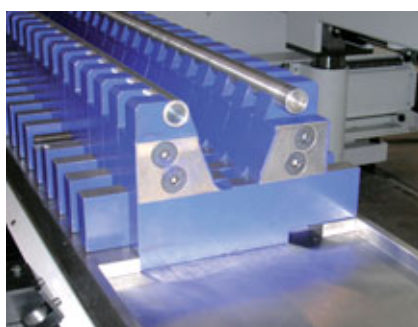


cod. 9014 (pag. 152)



3192

Angolo di piega massima = 60° V=da 120 a 300 L=600 Max=400 T/m a 90°
Maximum bending angle = 60° V= from 120 to 300 L=600 Max=400 T/m at 90°

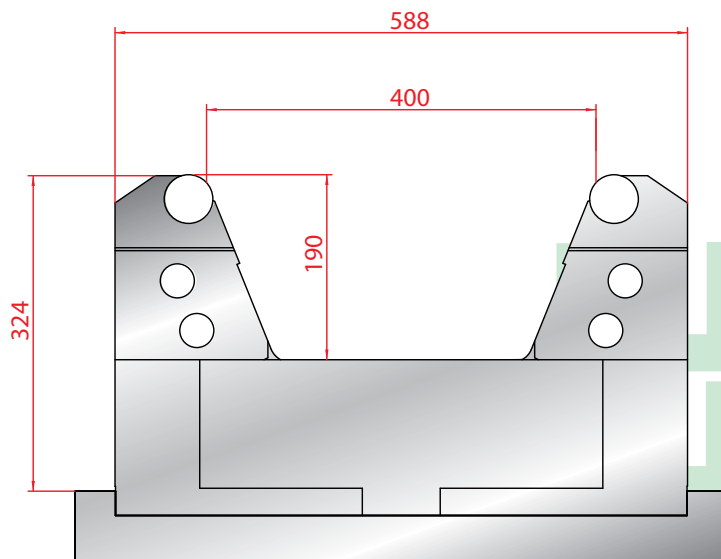
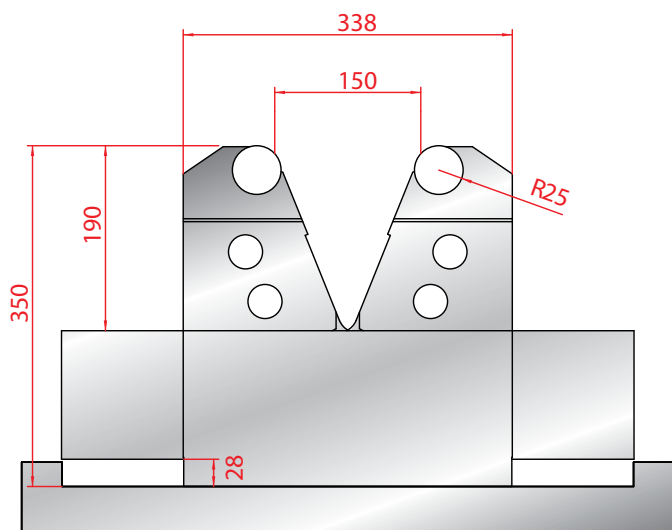


MATRICI REGOLABILI / ADJUSTABLE DIES

Questa tipologia di matrici richiede sempre una canaletta speciale per ogni tipo
These adjustable dies need a special die holder

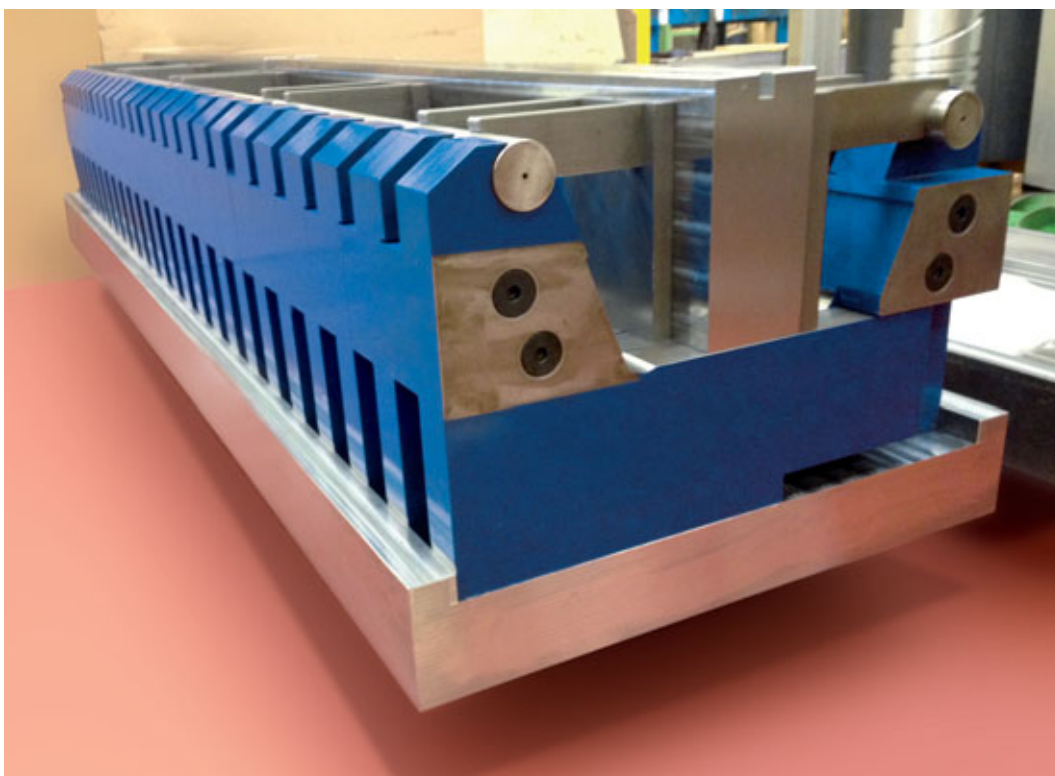


cod. 9017 (pag. 152)



3243

Angolo di piega massima= 60° V=da 150 a 400 L=600 Max=400 T/m a 90°
Maximum bending angle = 60° V= from 150 to 400 L=600 Max=400 T/m at 90°



ACTIVE BEND

ACTIVE BEND

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- Active Bend Premium..... 159
- Active Bend e Active Bend Premium tabelle / Active Bend and Active Bend Premium chart160
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ACTIVE BEND

NEW TECHNOLOGY FOR HIGH QUALITY RESULTS

Active Bend provides advantages that the standard dies can't perform:

- 40° acute bending
- narrow minimum edges
- no strain with perforated sheets

NUOVA TECNOLOGIA PER RISULTATI DI ALTA QUALITÀ

Active Bend garantisce prestazioni che le matrici standard non consentono:

- pieghe fino a 40°
- bordi minimi ridotti
- piegare lamiere forate senza deformazione

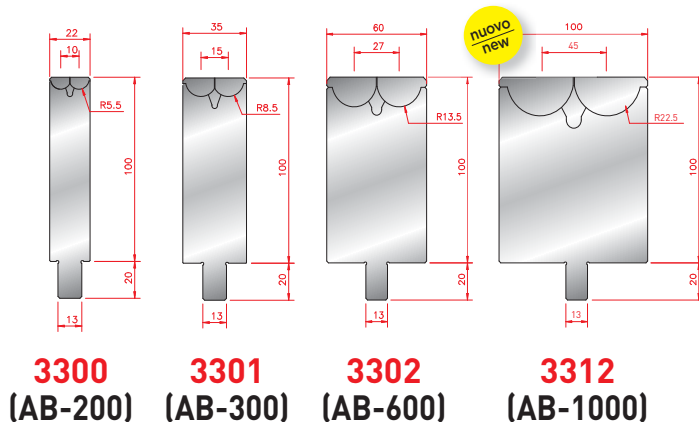


- ▶ reduction of bending mark
- ▶ 40° acute bending

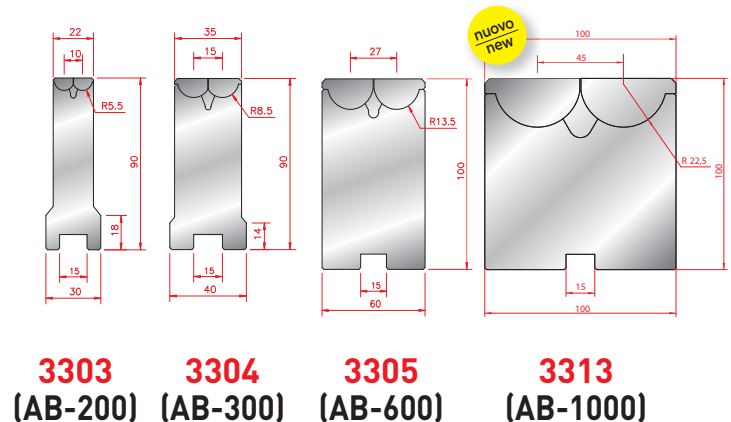


- ▶ marcatura ridotta
- ▶ pieghe fino a 40°

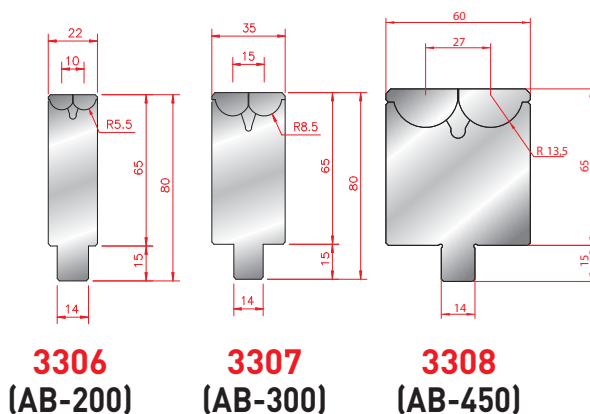
WILA-TRUMPF



AMADA-PROMECAM RAIL



AMADA-PROMECAM



MODELLO / MODEL	LUNGHEZZA / LENGTH (mm)
AB200	50
	100
	200
	500
	15, 20, 25, 30
AB300	50
	100
	200
	500
	15, 20, 25, 30
AB450	50
	100
	200
	500
AB600	50
	100
	200
	500
AB1000	200

ACTIVE BEND

PREMIUM

THE ULTIMATE SOLUTION TO AVOID BENDING MARKS

Active Bend PREMIUM is our brand new patented system that allows you to get superior bending results avoiding any marks on your sheet metal.

LA SOLUZIONE DEFINITIVA PER ELIMINARE LE MARCATURE

Active Bend PREMIUM è il nostro sistema brevettato che consente di ottenere risultati superiori di piegatura senza avere alcun segno sulla lamiera.

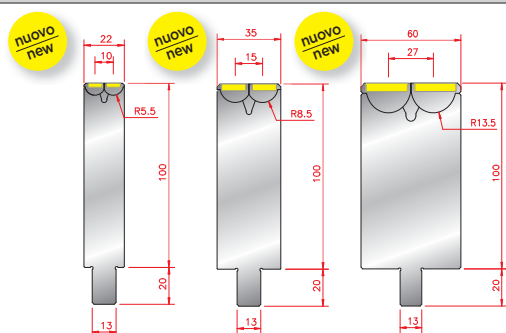


- ▶ no die mark bending
- ▶ 40° acute bending



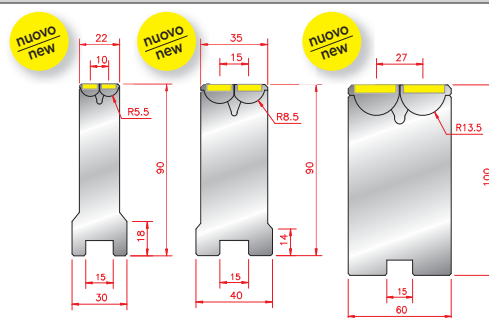
- ▶ nessuna marcatura
- ▶ pieghe fino a 40°

WILA-TRUMPF



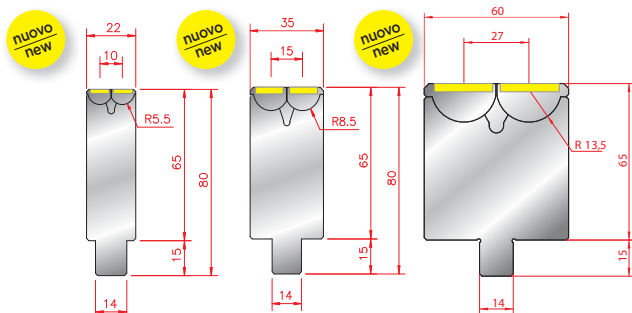
3300P (AB-200) **3301P** (AB-300) **3302P** (AB-600)

AMADA-PROMECAM RAIL



3303P (AB-200) **3304P** (AB-300) **3305P** (AB-600)

AMADA-PROMECAM



3306P (AB-200) **3307P** (AB-300) **3308P** (AB-450)

MODELLO / MODEL	LUNGHEZZA / LENGTH (mm)
AB200P	50
	100
	200
	500
AB300P	50
	100
	200
	500
AB450P	50
	100
	200
	500
AB600P	50
	100
	200
	500



ACTIVE BEND / ACTIVE BEND PREMIUM



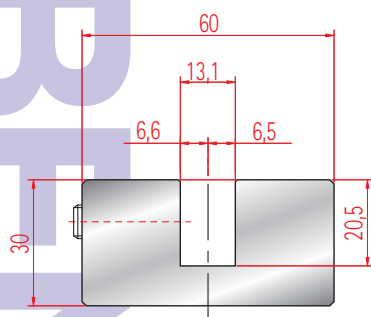
Active Bend and Active Bend Premium dies allow you to bend different sheet metal thickness as reported on the chart below. Values are expressed in millimeters (mm).

Le matrici Active Bend e Active Bend Premium consentono di piegare differenti spessori di lamiera come indicato nella seguente tabella. I valori sono espressi in millimetri (mm).

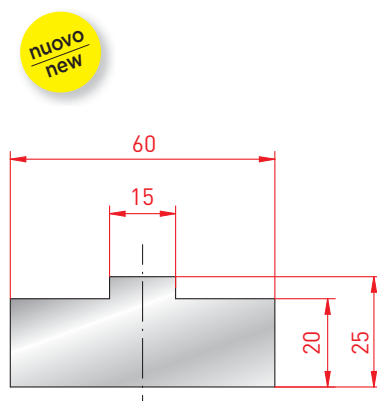
MODELLO / MODEL	Resistenza T/m / Max Load T/m
AB200	100
AB300	130
AB450	150
AB600	200
AB1000	220

Range di piegatura (spessore - mm) / Bending range (thickness - mm)					
Materiale / Material type	AB200	AB300	AB450	AB600	AB1000
Ferro / Mild Steel	0,5 - 1,2	1,0 - 2,3	1,2 - 3,2	1,2 - 3,2	2,3 - 10,0
Inox / Stainless Steel	0,5 - 1,0	1,0 - 2,0	1,2 - 3,0	1,2 - 3,0	2,0 - 6,0
Alluminio / Aluminium	0,5 - 1,0	1,0 - 2,0	1,5 - 3,0	1,5 - 3,0	2,5 - 10,0

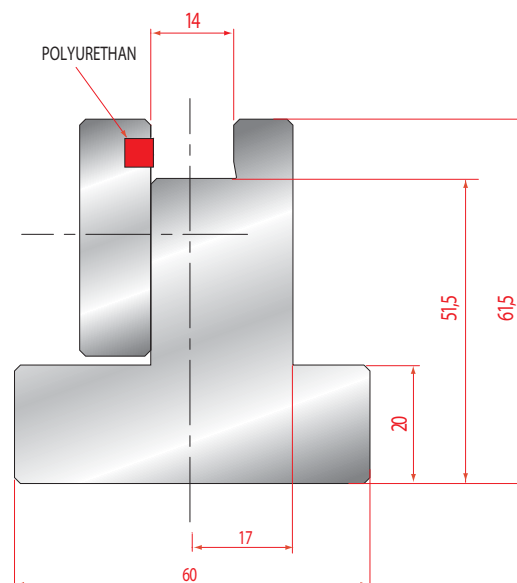
SUPPORTI MATRICE ACTIVE BEND / ACTIVE BEND DIE HOLDERS



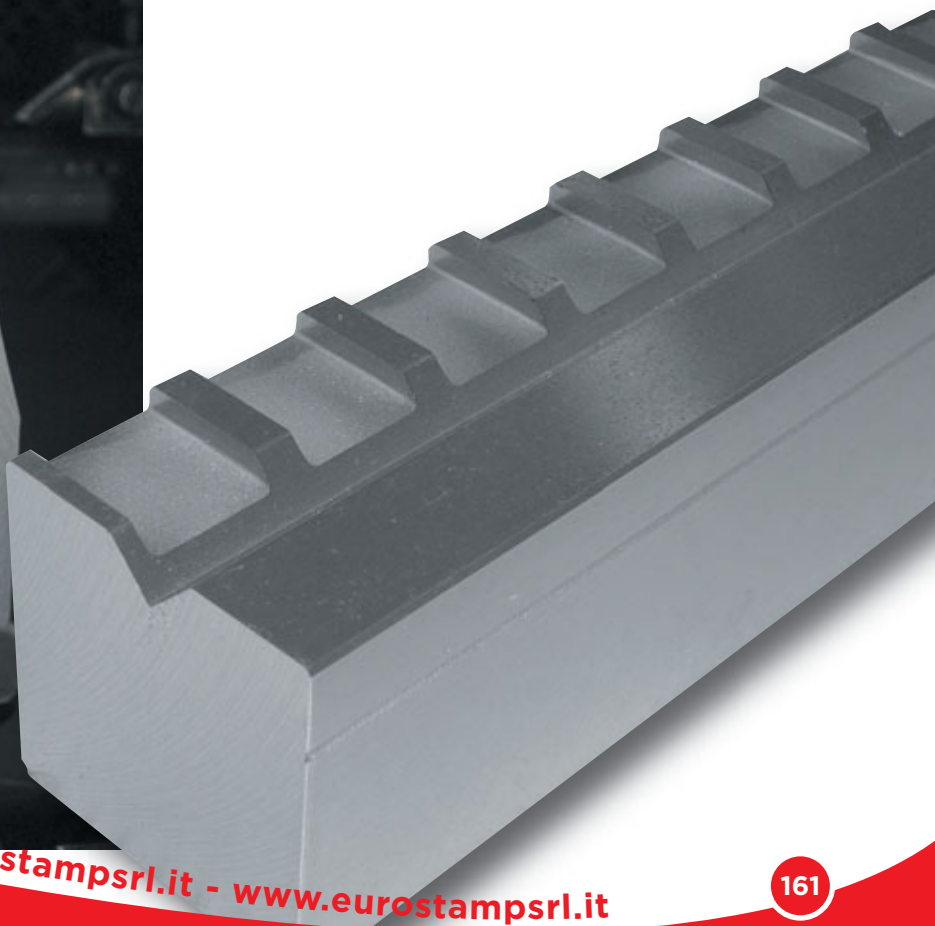
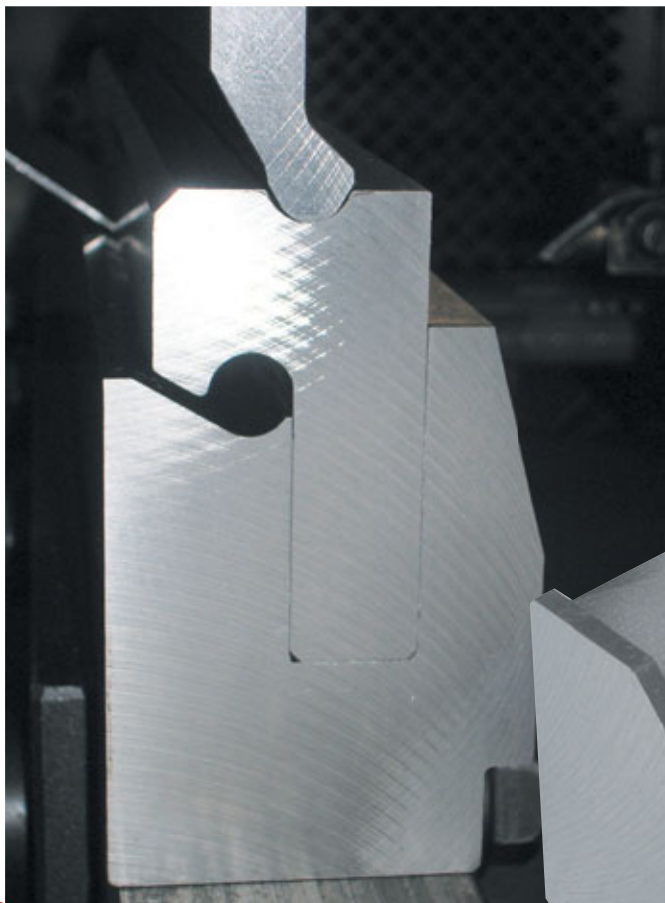
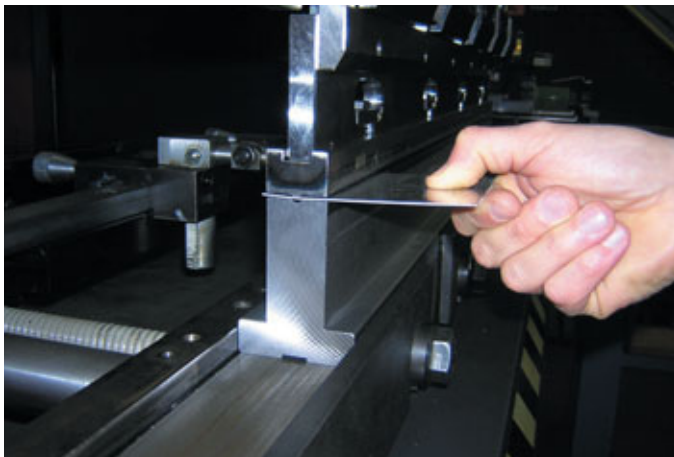
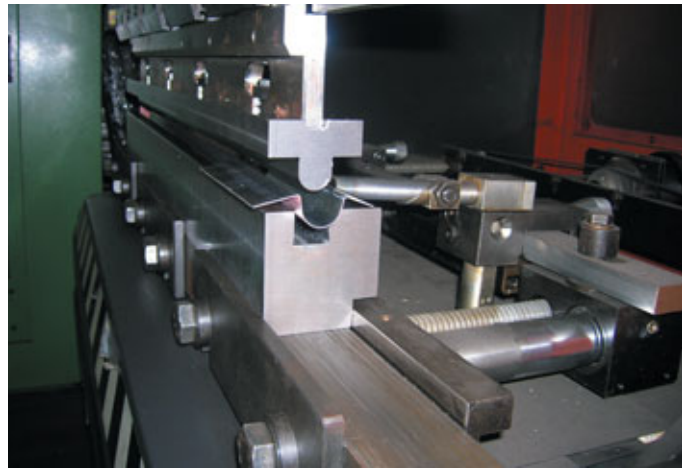
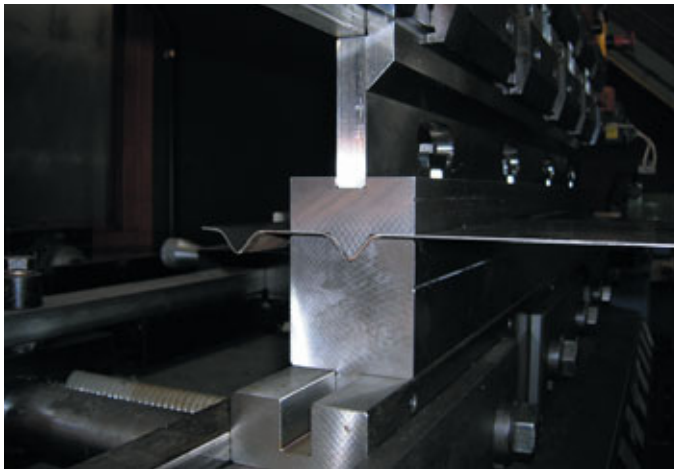
4301



4310



3173



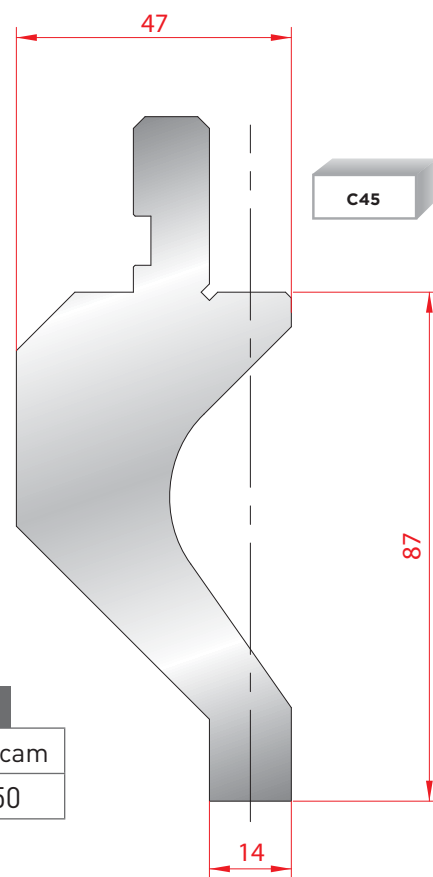
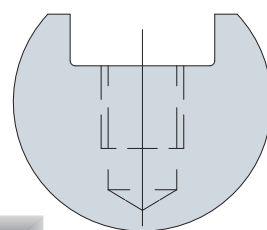
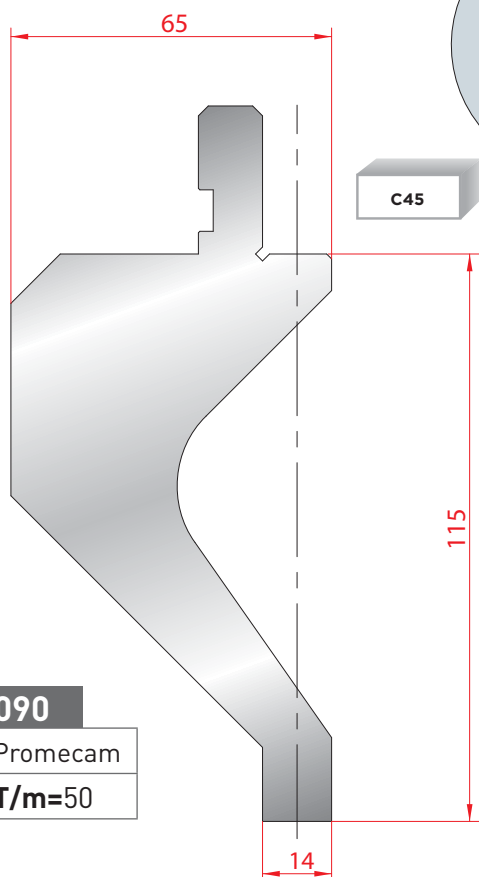
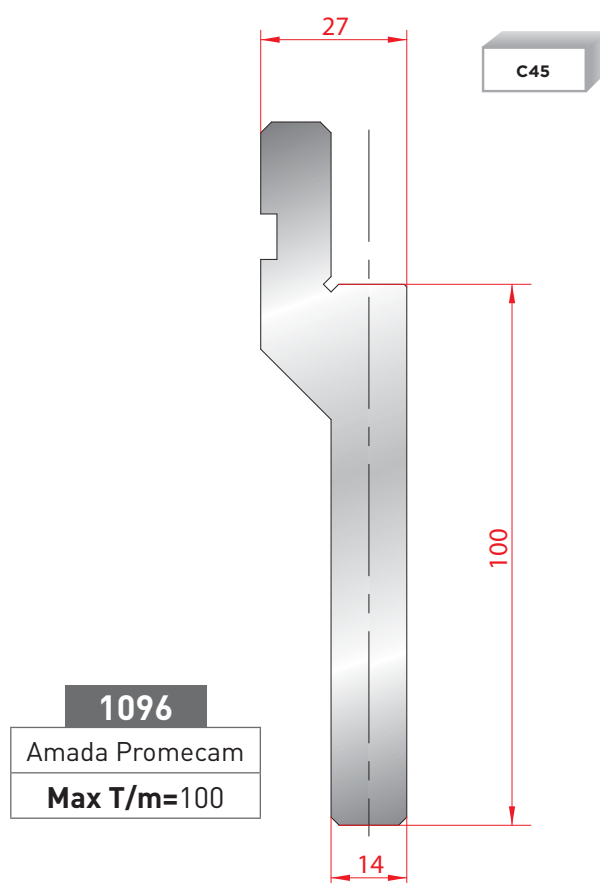
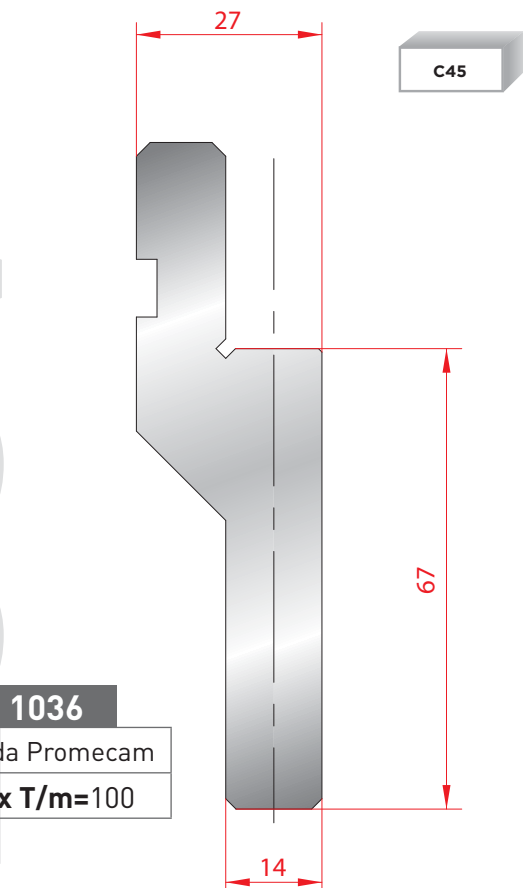
ACCESORIES

ACCESSORIES

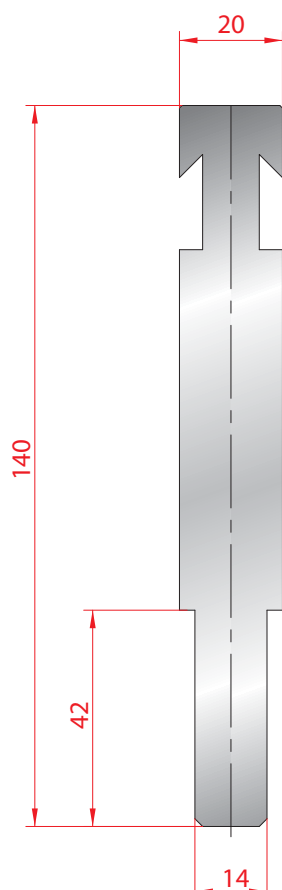
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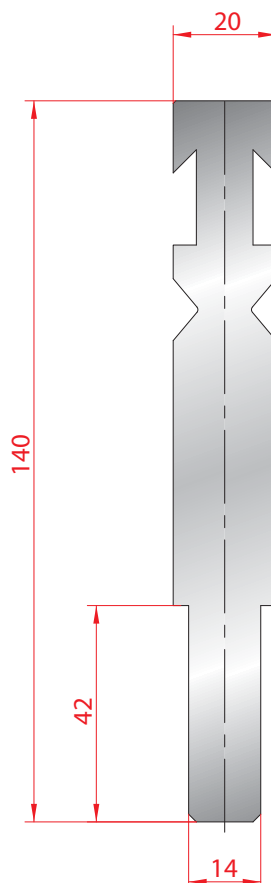
SUPPORTI PER ELEMENTI RAGGIATI / RADIUS TOOL HOLDERS



SUPPORTI PER ELEMENTI RAGGIATI / RADIUS TOOL HOLDERS

**1239**

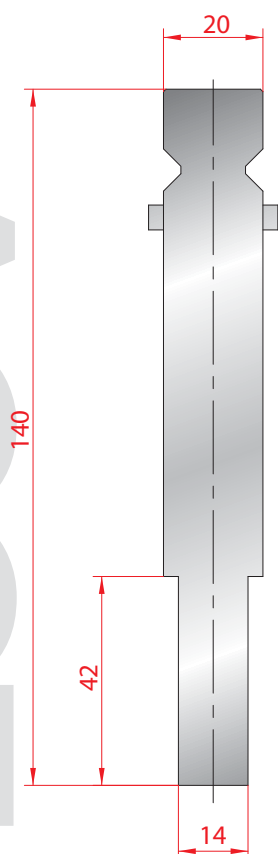
Bystronic R

Max T/m=100**1273**

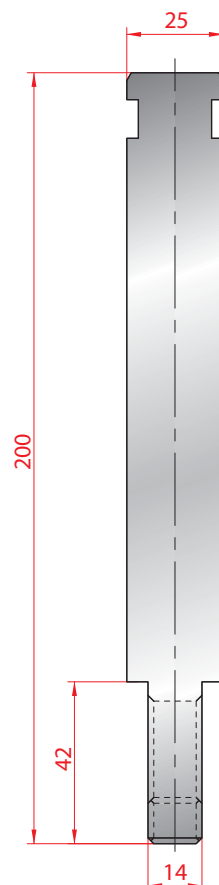
Bystronic RF-A

Max T/m=100

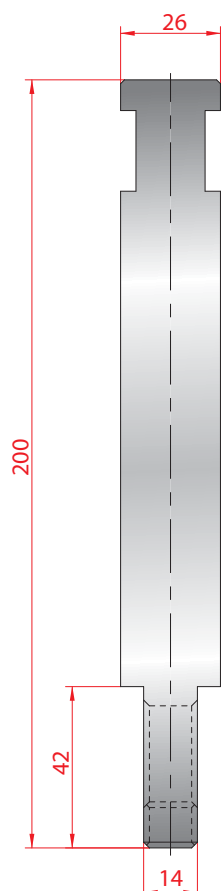
SUPPORTI PER ELEMENTI RAGGIATI / RADIUS TOOL HOLDERS



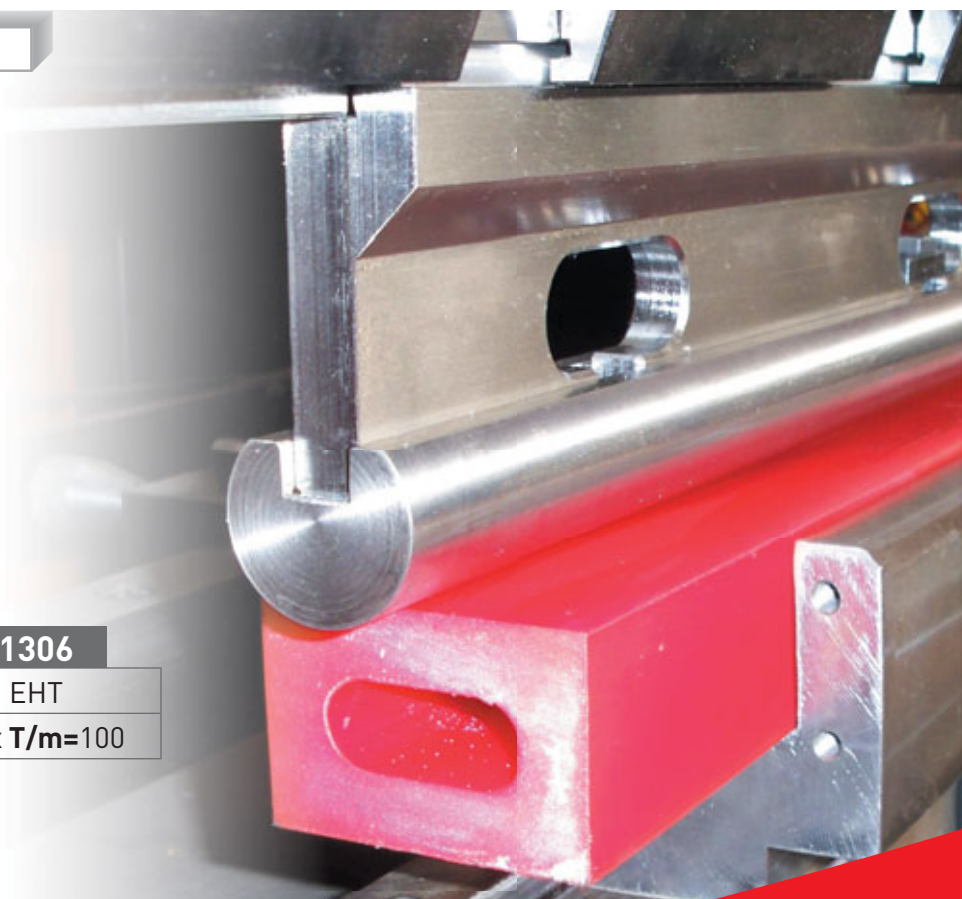
1240
Trumpf
Max T/m=100



1305
Weinbrenner
Max T/m=100

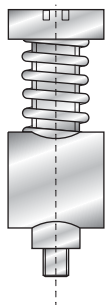


1306
EHT
Max T/m=100

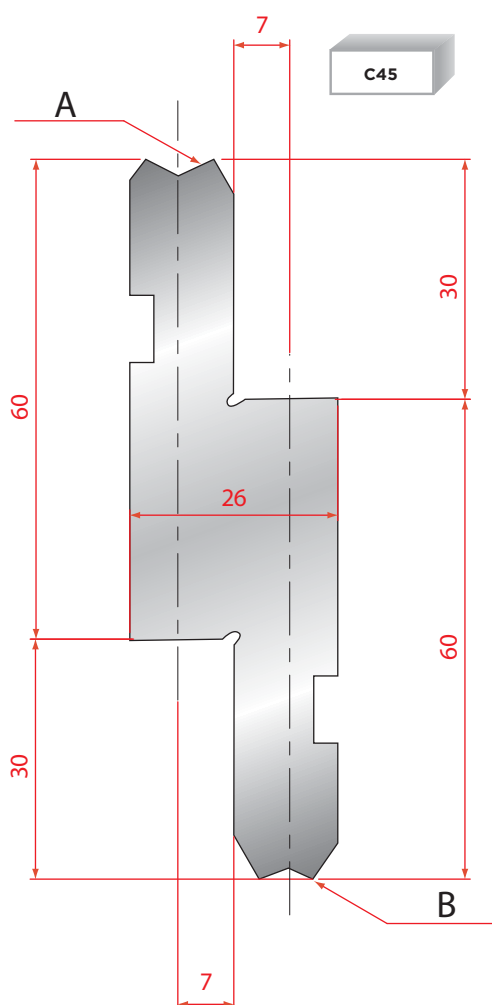
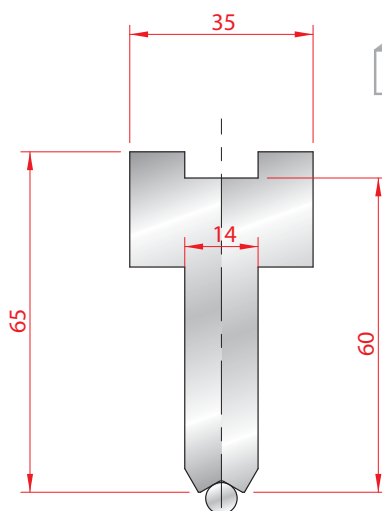
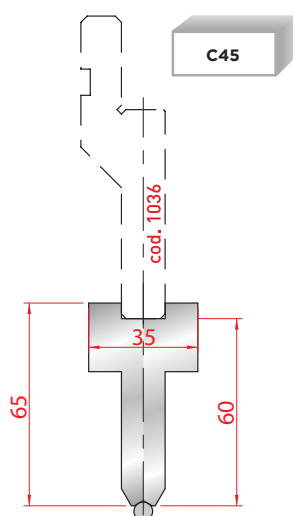


ACCESSORIES

ELEMENTI RAGGIATI / RADIUS TOOLS

**4275**

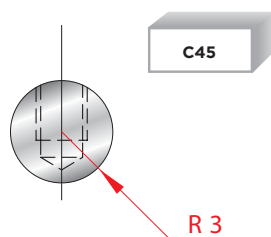
Pezzo di ricambio / spare part

1155**1297****1296**da R 5 a R 6,5
from R 5 to R 6,5da R 3 a R 4,5
from R 3 to R 4,5

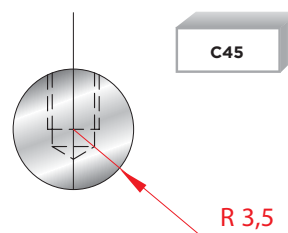
ELEMENTI RAGGIATI / RADIUS TOOLS

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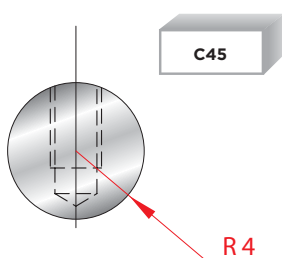
SOLO PER SUPPORTI 1155 - 1296 - 1297 / ONLY FOR HOLDERS 1155 - 1296 - 1297



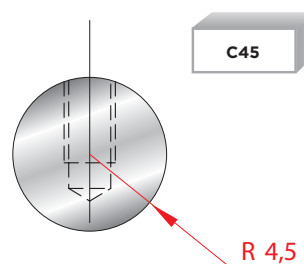
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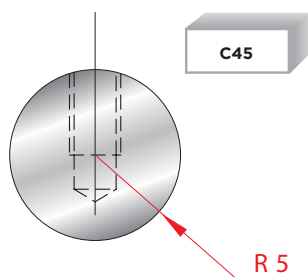
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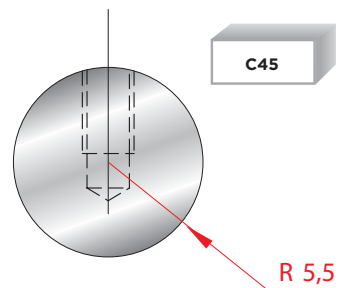
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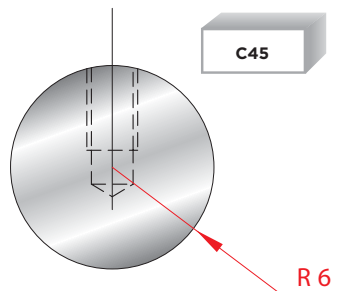
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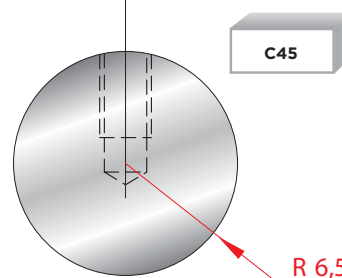
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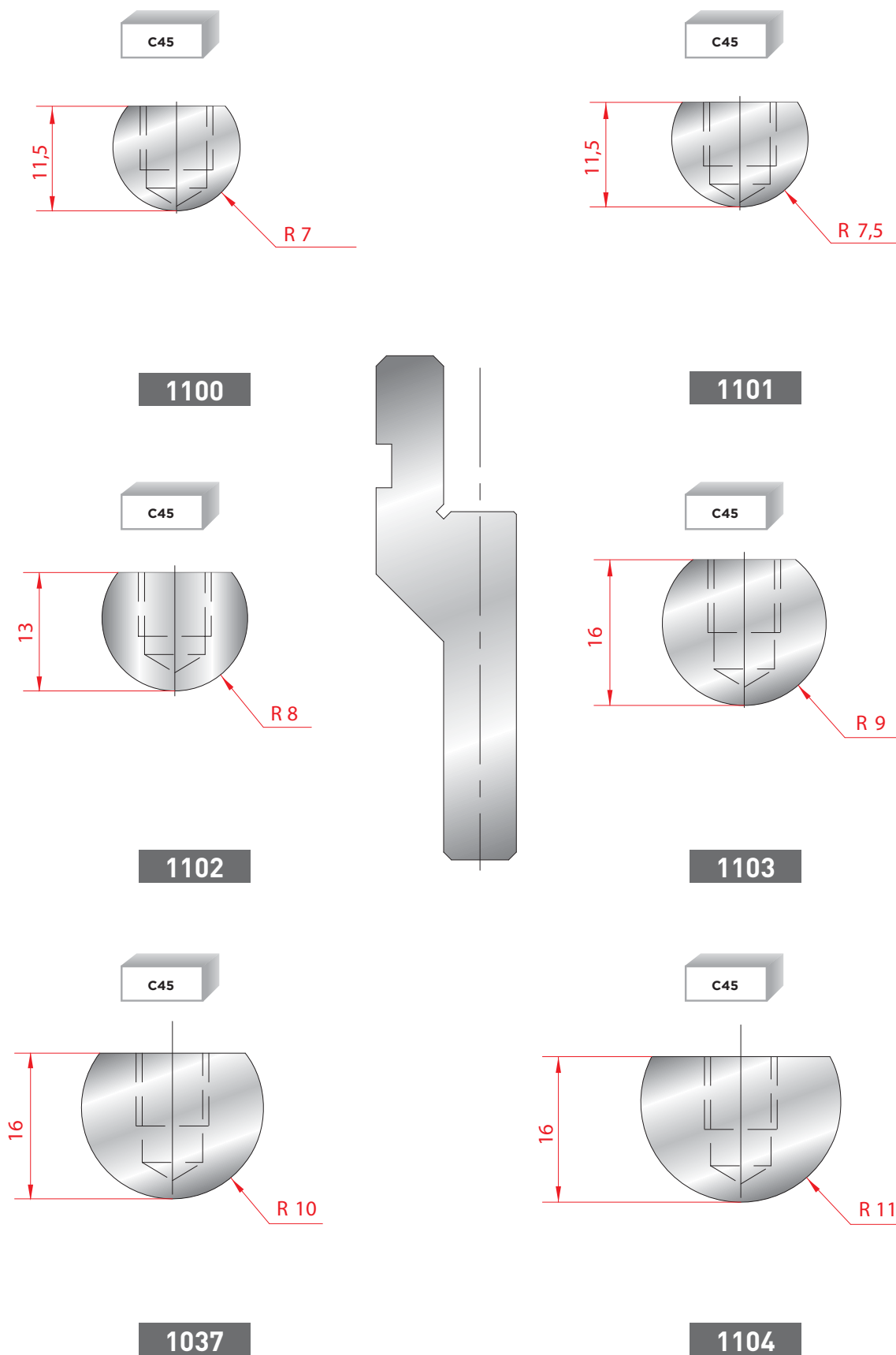


1187

ACCESSORIES

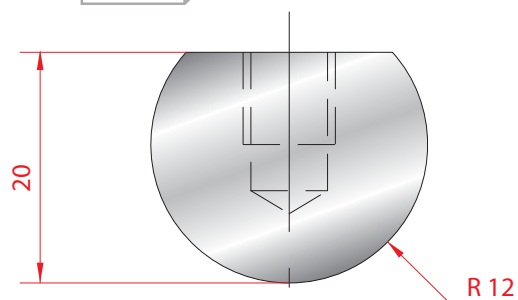
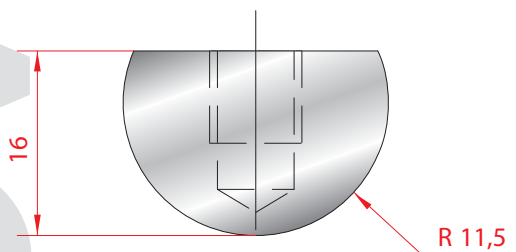
ELEMENTI RAGGIATI / RADIUS TOOLS

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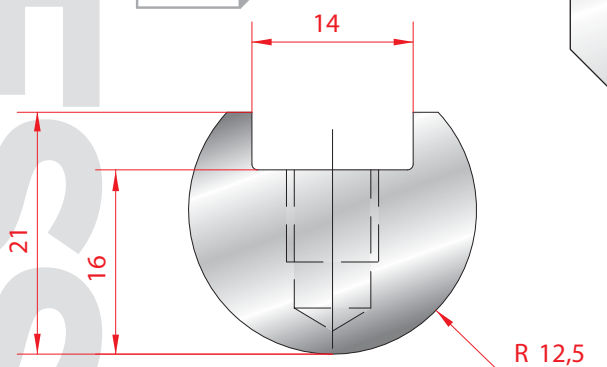


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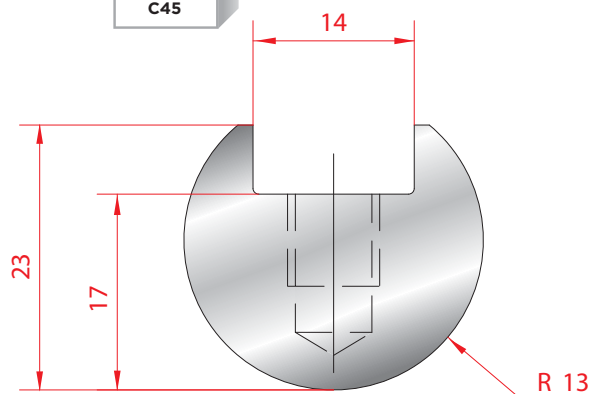
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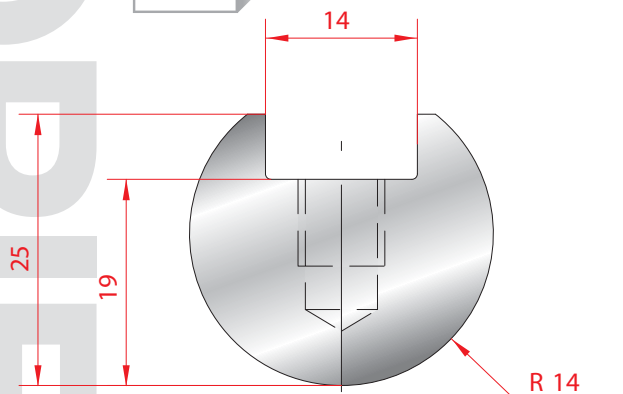
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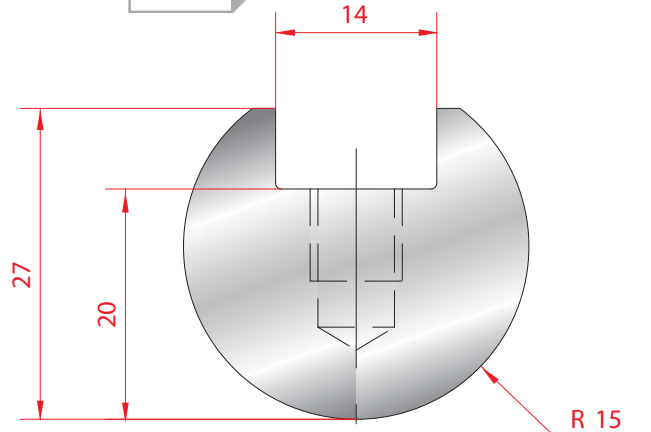
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1107



1108

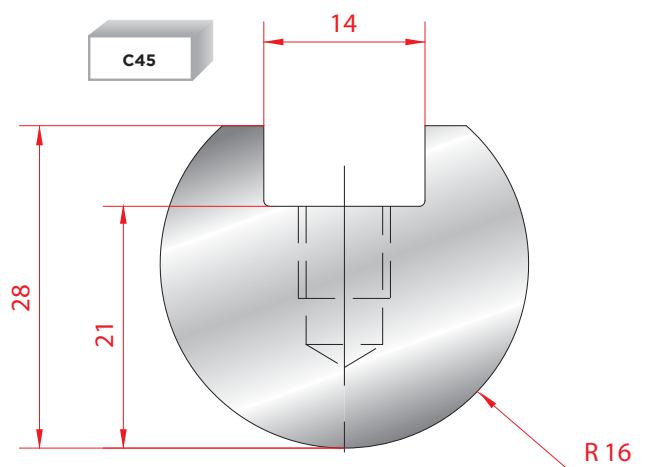


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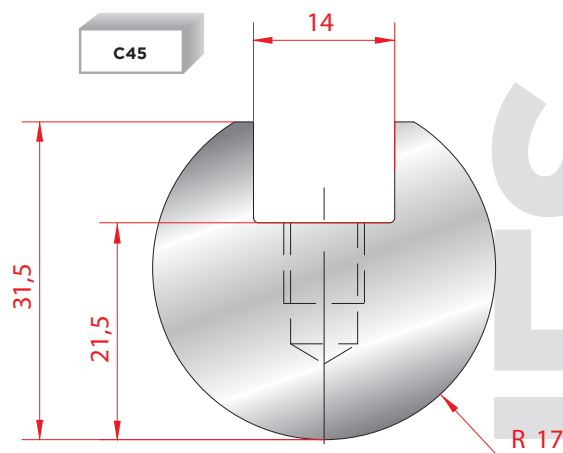
1038

ELEMENTI RAGGIATI / RADIUS TOOLS

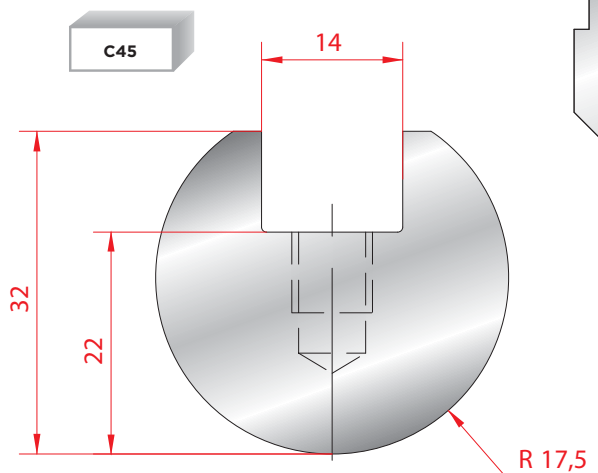
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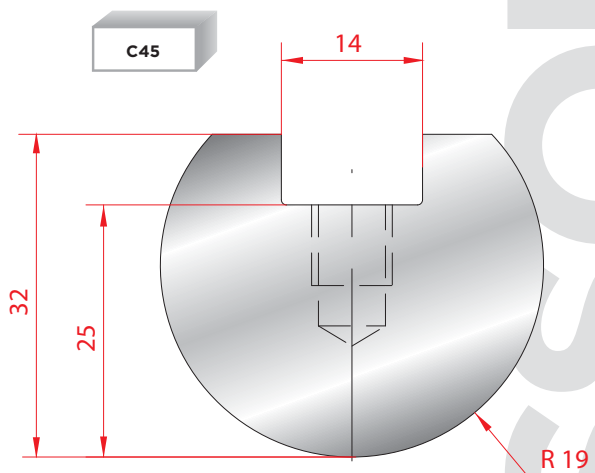
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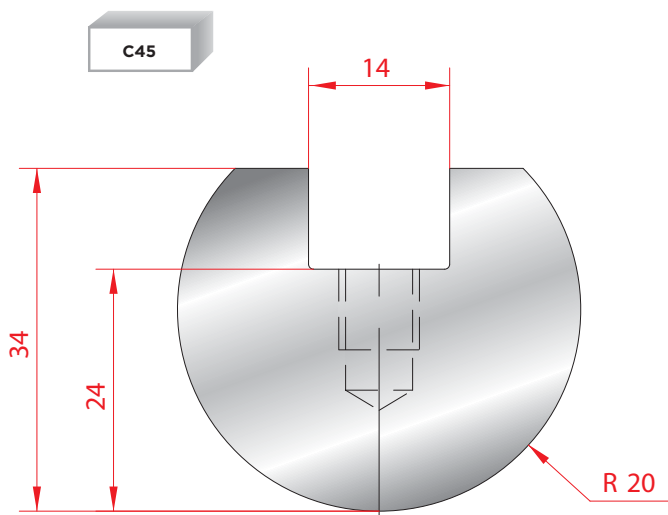
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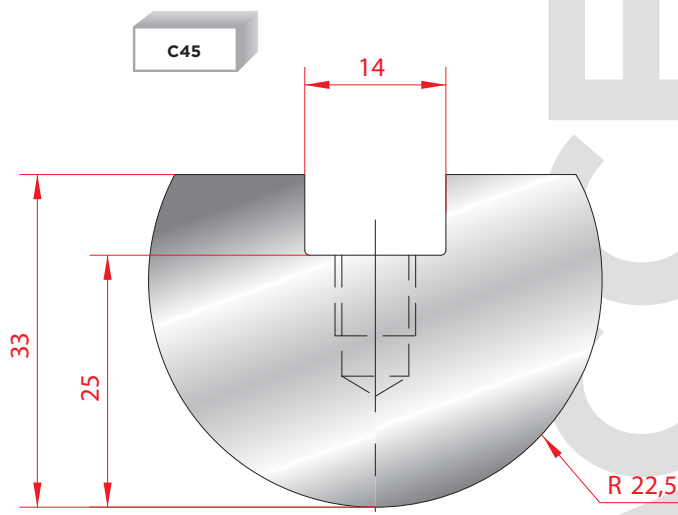
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1112



1040

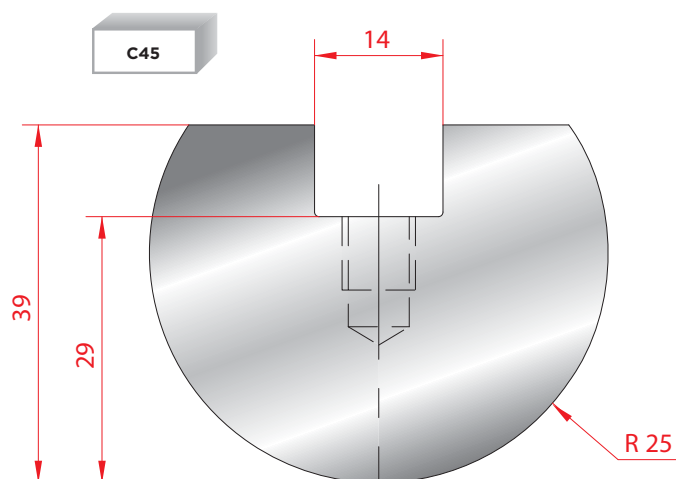


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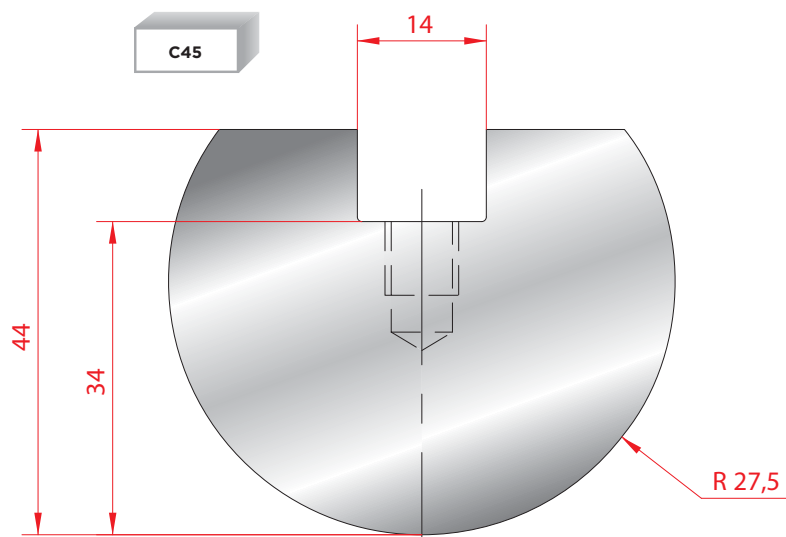
ELEMENTI RAGGIATI / RADIUS TOOLS

DISPONIBILI ANCHE NITRURATI / AVAILABLE WITH NITRIDING

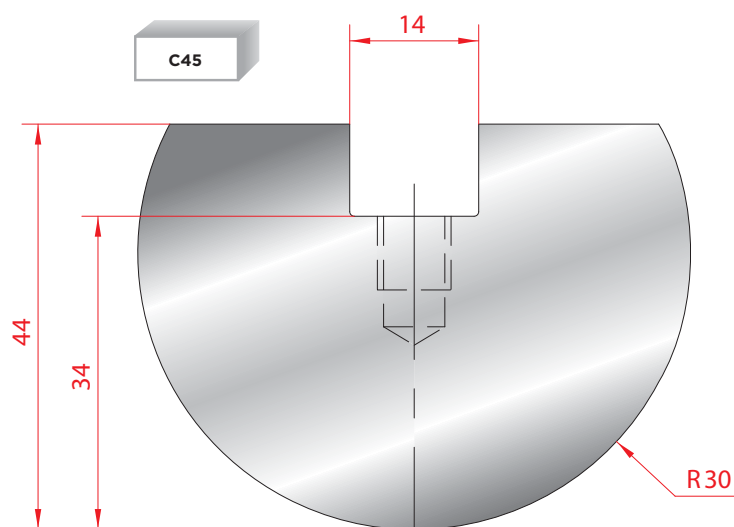
ACCESSORIES



1041



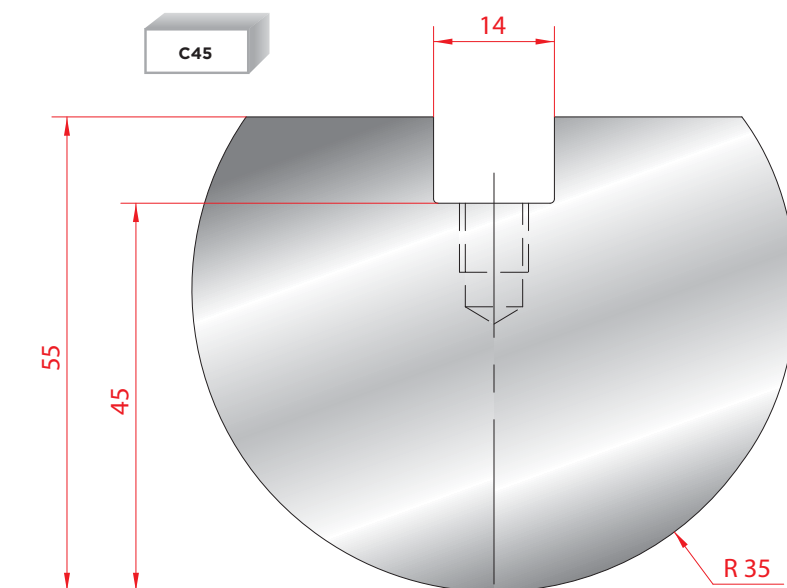
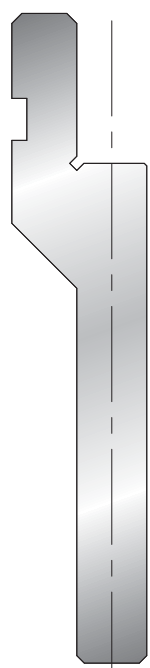
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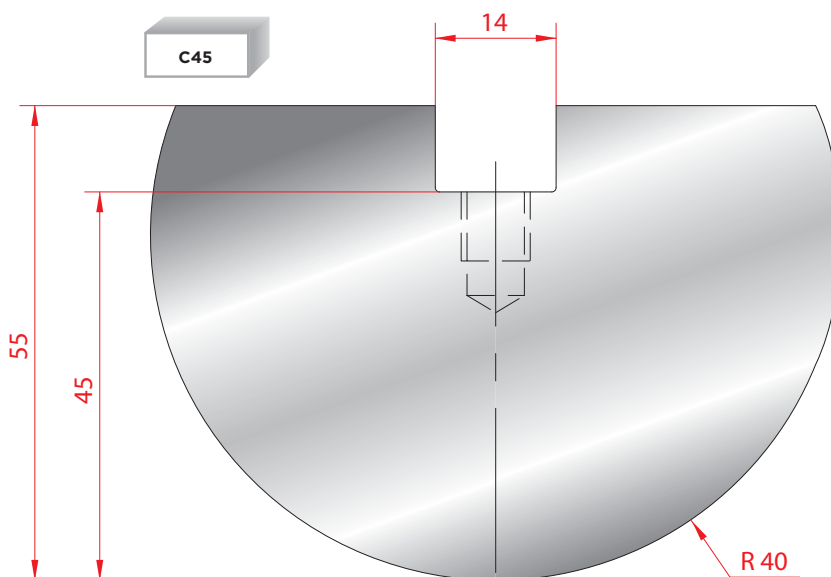
1042

ELEMENTI RAGGIATI / RADIUS TOOLS

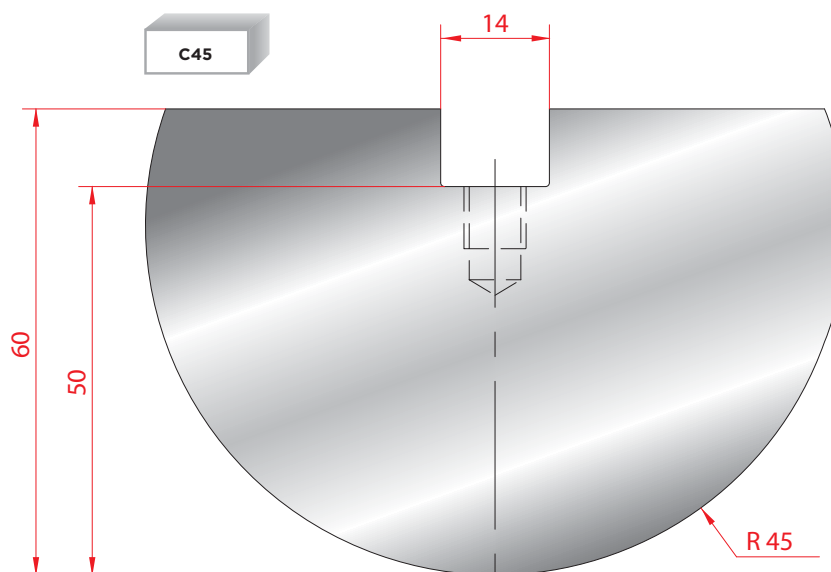
DISPONIBILI ANCHE NITRURATI / AVAILABLE WITH NITRIDING



1115



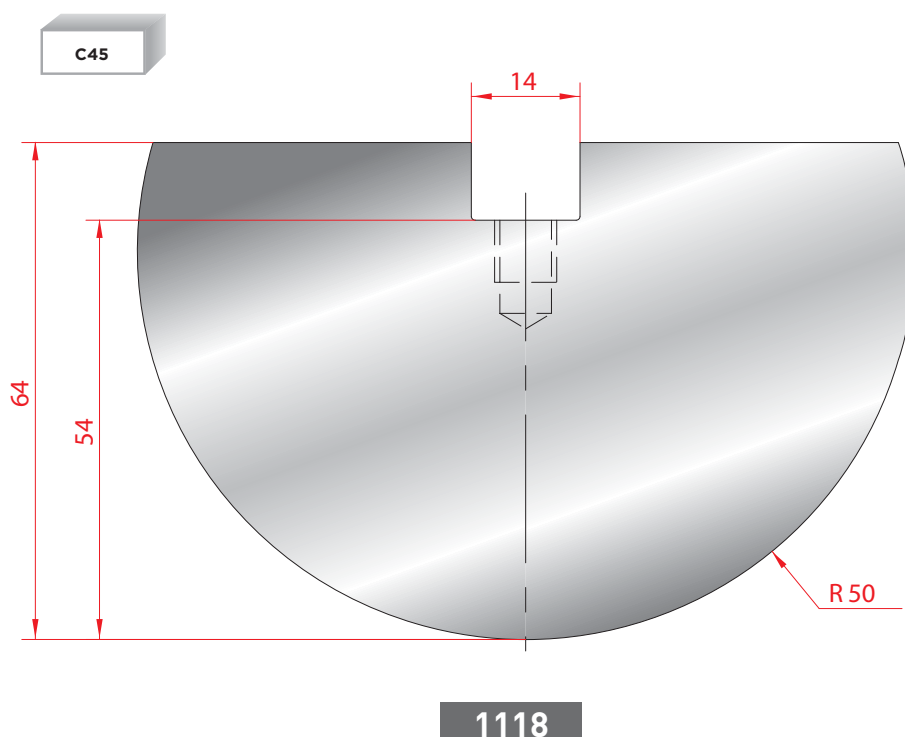
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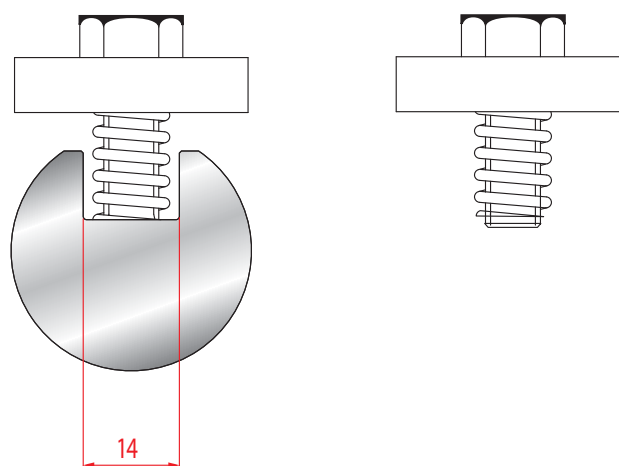
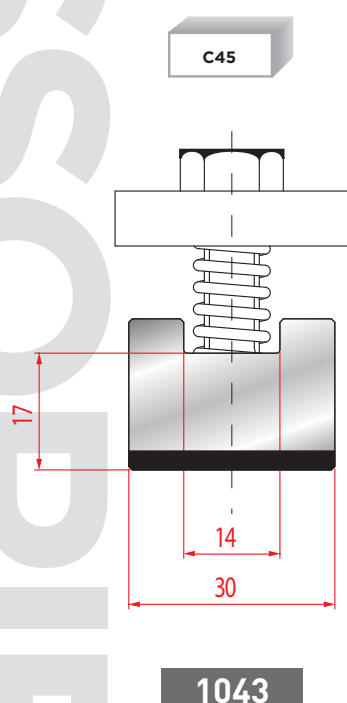
1117

ELEMENTI RAGGIATI / RADIUS TOOLS

DISPONIBILI ANCHE NITRURATI / AVAILABLE WITH NITRIDING



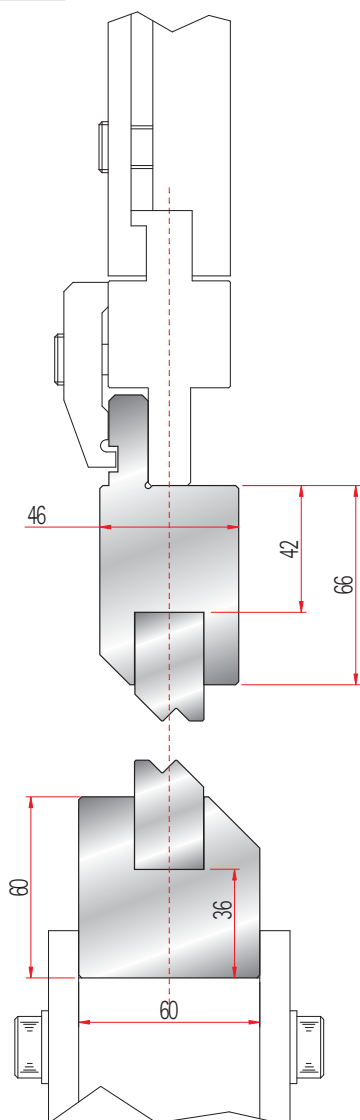
ELEMENTO QUADRO E ACCESSORI / FLATTENING INSERT AND ACCESSORIES



MOLLA + VITE + PIASTRINA
 SPRING + SCREW + PLATE

CONTENITORI PER INSERTI A Z / JOGGLE TOOL HOLDERS

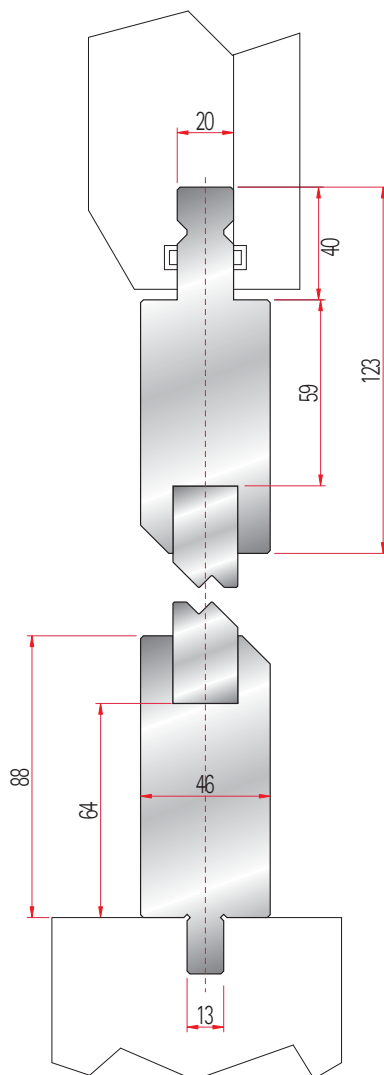
C45



1150

Amada

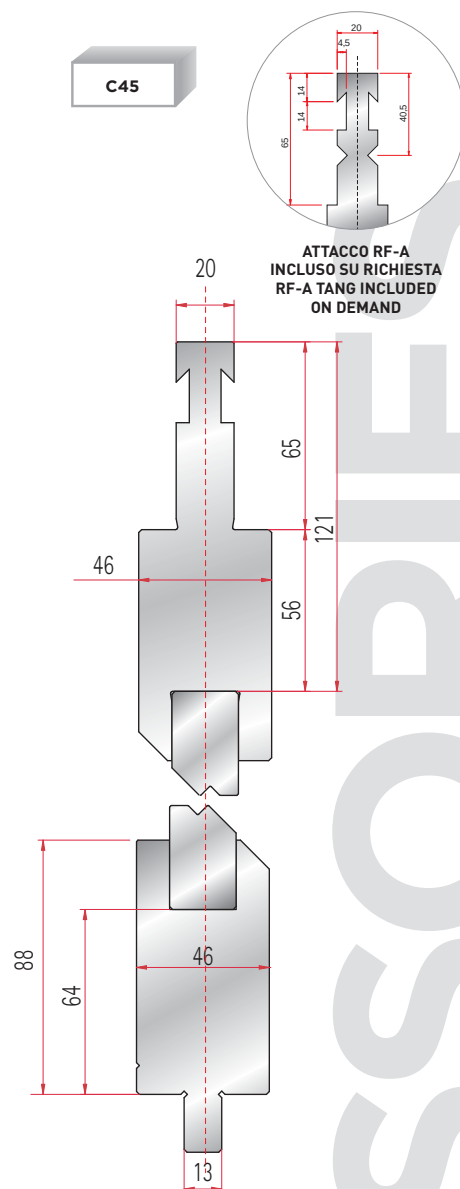
C45



1242

Trumpf

C45



1198

Bystronic R

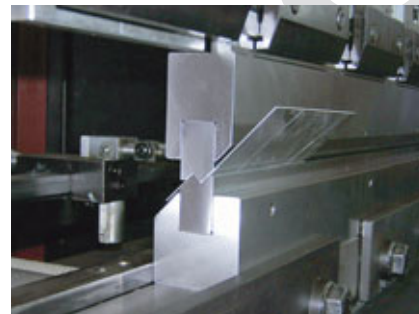
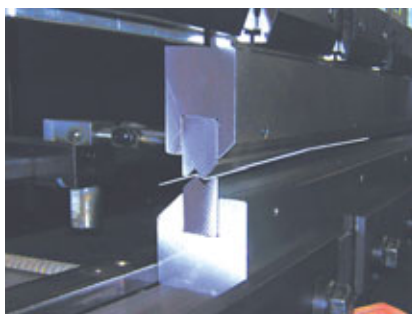


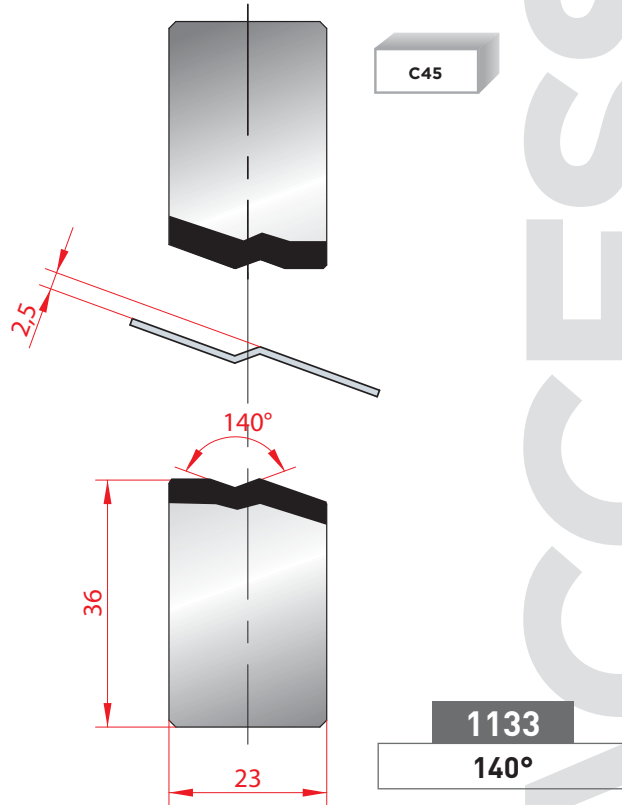
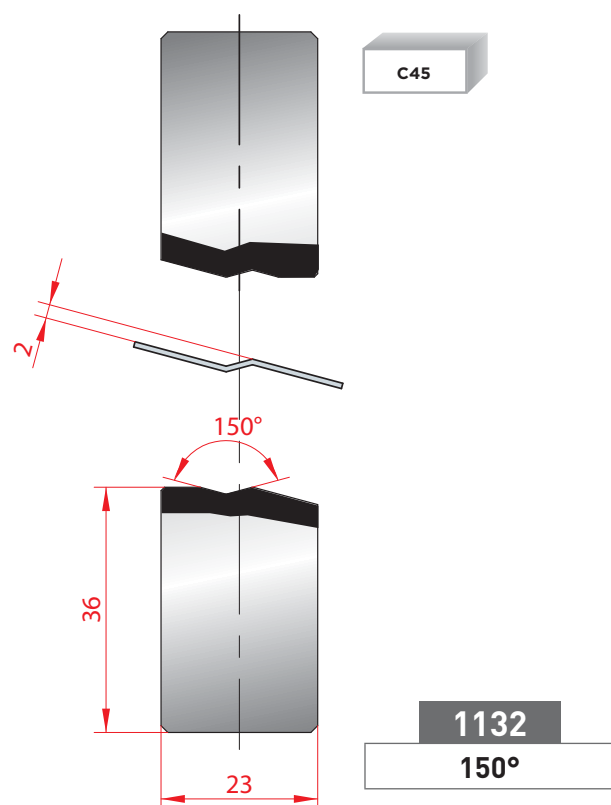
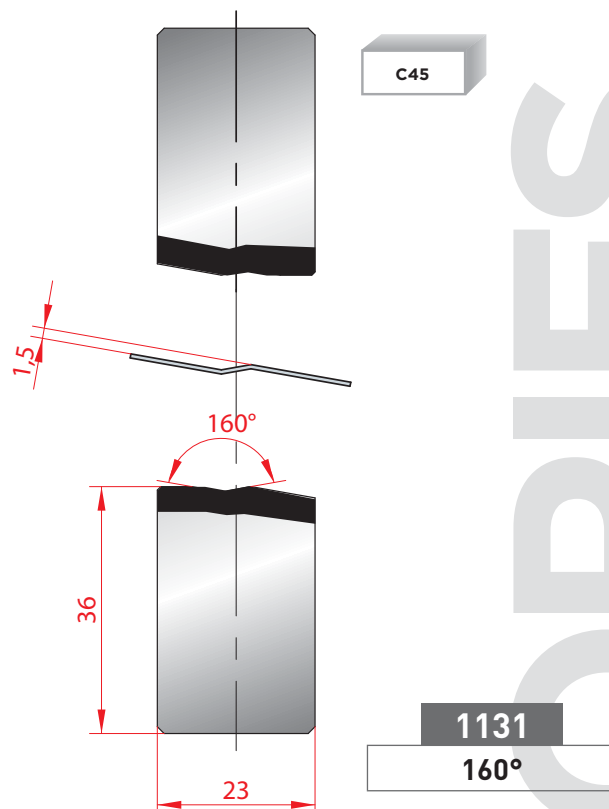
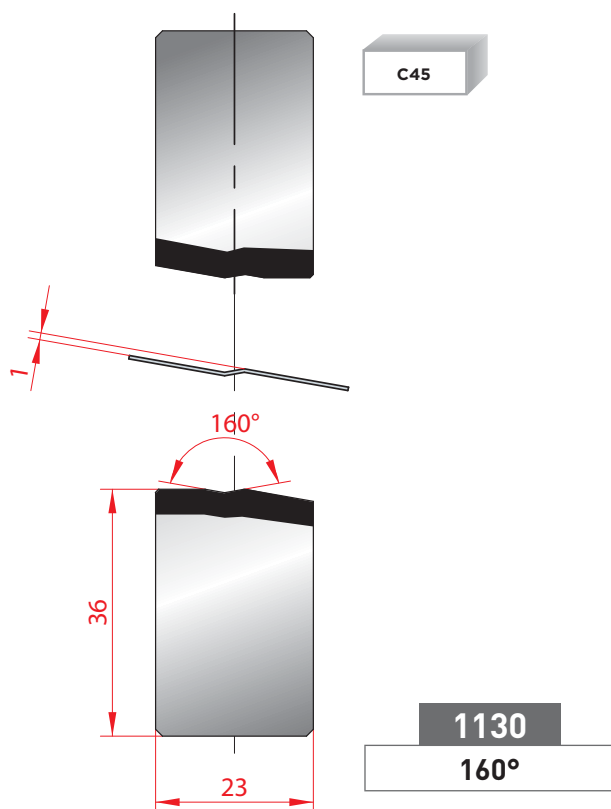
TABELLA INSERTI A Z / JOGGLE TOOLS CHART

CODE	Z	GRADI DEGREES	SPESSORE MAX. LAMIERA MAX SHEET THICKNESS
1130	1	160°	0,5 mm
1276	1	90°	0,5 mm
1131	1,5	160°	0,6 mm
1277	1,5	90°	0,6 mm
1132	2	150°	0,8 mm
1274	2	90°	0,8 mm
1133	2,5	140°	1,0 mm
1275	2,5	90°	1,0 mm
1134	3	90°	1,0 mm
1135	3,5	90°	1,2 mm
1136	4	90°	1,2 mm
1137	4,5	90°	1,5 mm
1138	5	90°	1,5 mm
1139	5,5	90°	1,5 mm
1140	6	90°	1,5 mm
1141	6,5	90°	1,5 mm
1142	7	90°	2,0 mm
1143	7,5	90°	2,0 mm
1144	8	90°	2,5 mm
1145	9	90°	2,5 mm
1146	10	90°	3,0 mm
1147	11	90°	3,0 mm
1148	12	90°	3,0 mm
1278	13	90°	3,0 mm
1279	14	90°	3,0 mm
1280	15	90°	3,0 mm

INSERTI A Z - 160° / JOGGLE TOOLS - 160°

Per verificare la fattibilità della piega in base allo spessore lamiera, vedi tabella p. 176

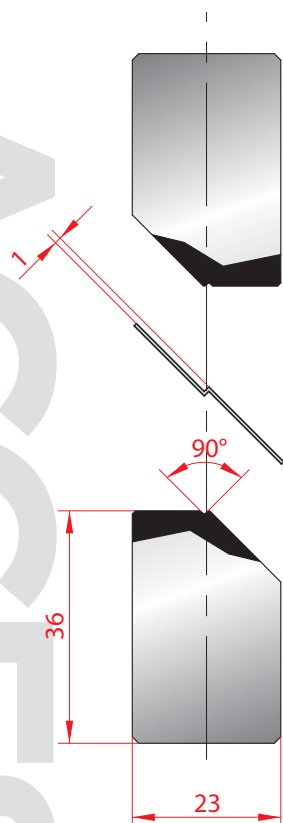
To choose the right joggle tool based on the sheet thickness, please see the chart on page 176



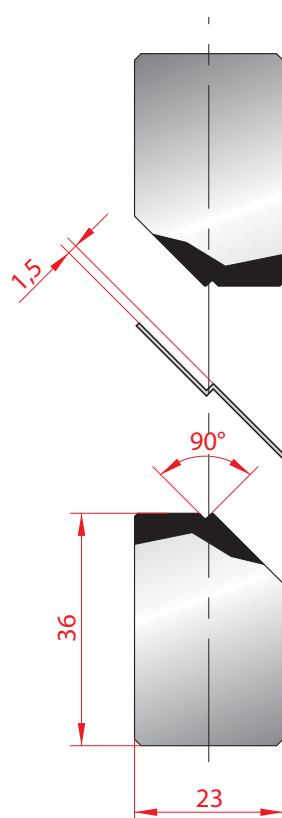
INSERTI A Z - 90° / JOGGLE TOOLS - 90°

Per verificare la fattibilità della piega in base allo spessore lamiera, vedi tabella p. 176

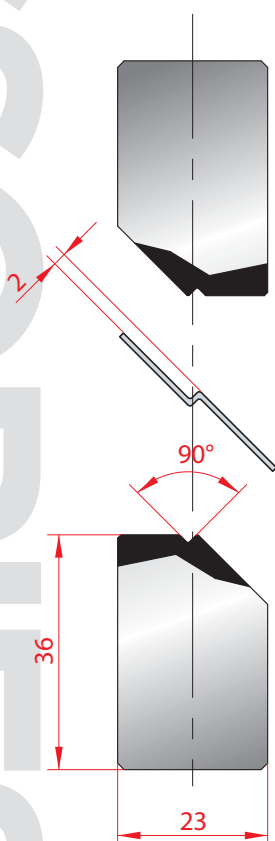
To choose the right joggle tool based on the sheet thickness, please see the chart on page 176



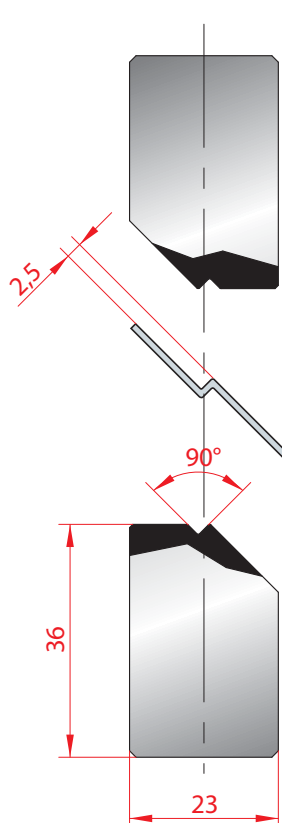
1276



1277



1274

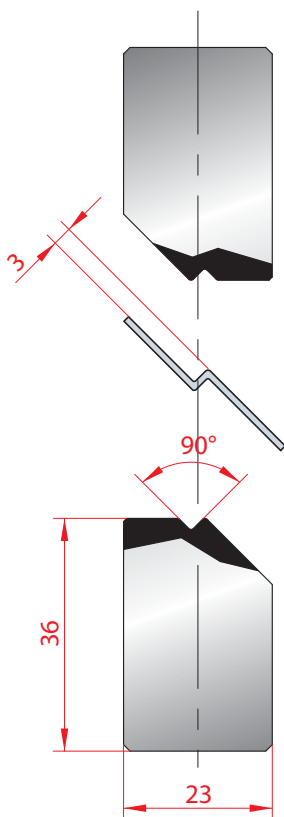


1275

INSERTI A Z - 90° / JOGGLE TOOLS - 90°

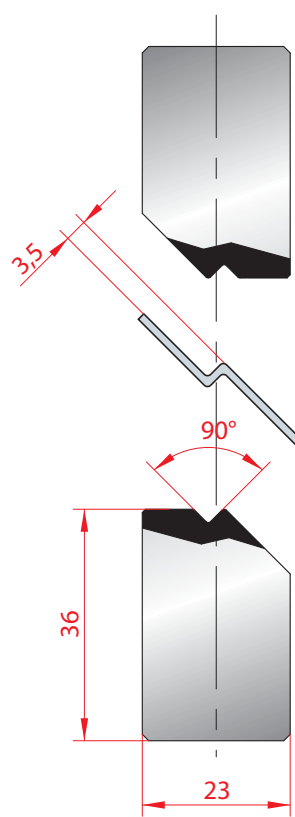
Per verificare la fattibilità della piega in base allo spessore lamiera, vedi tabella p. 176

To choose the right joggle tool based on the sheet thickness, please see the chart on page 176



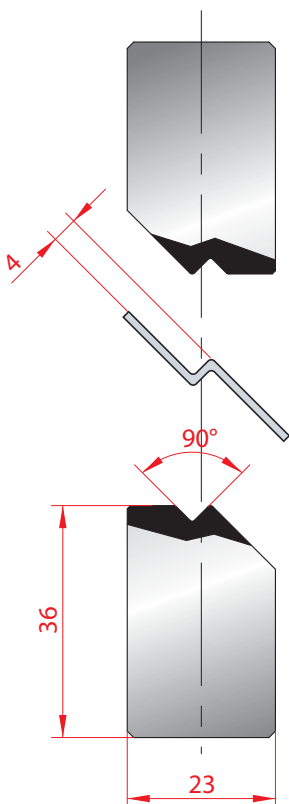
C45

1134



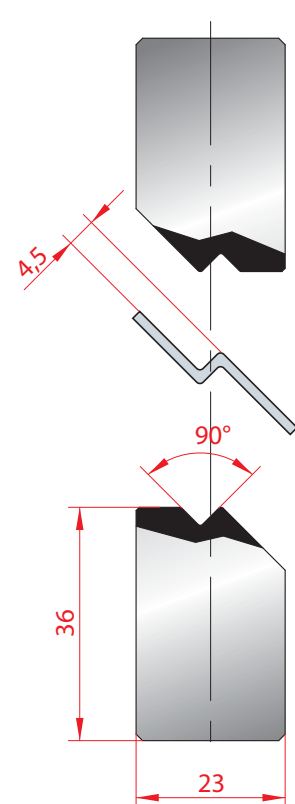
C45

1135



C45

1136



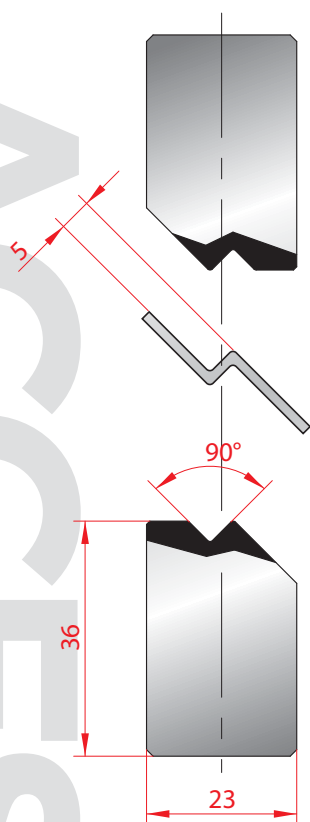
C45

1137

INSERTI A Z - 90° / JOGGLE TOOLS - 90°

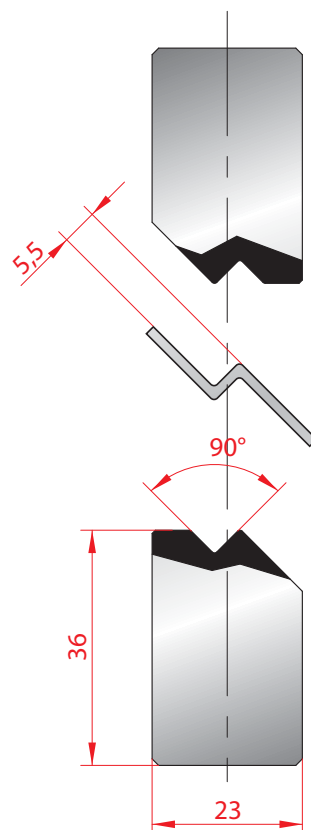
Per verificare la fattibilità della piega in base allo spessore lamiera, vedi tabella p. 176

To choose the right joggle tool based on the sheet thickness, please see the chart on page 176



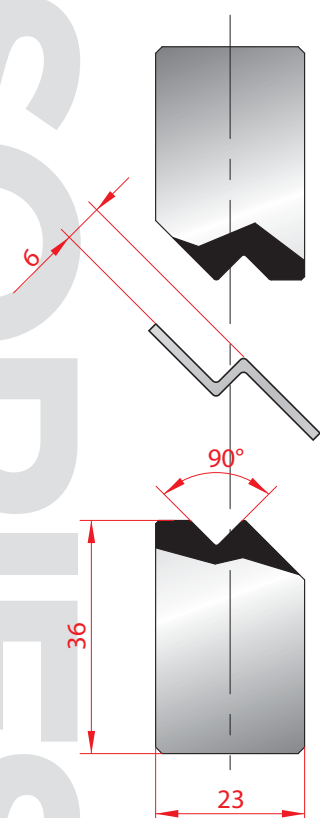
C45

1138



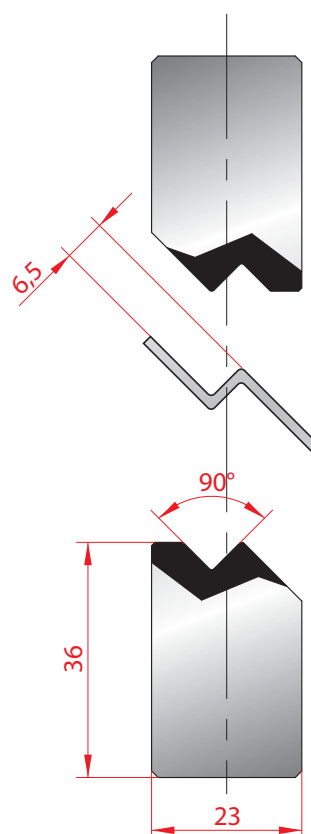
C45

1139



C45

1140



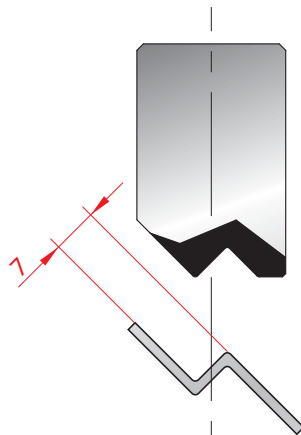
C45

1141

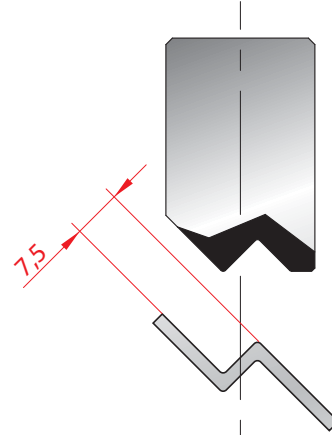
INSERTI A Z - 90° / JOGGLE TOOLS - 90°

Per verificare la fattibilità della piega in base allo spessore lamiera, vedi tabella p. 176

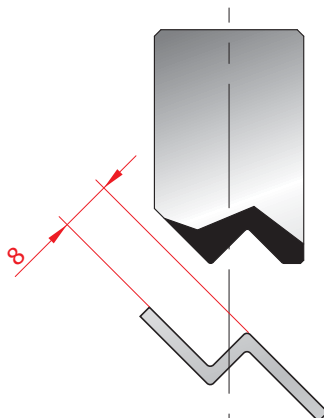
To choose the right joggle tool based on the sheet thickness, please see the chart on page 176



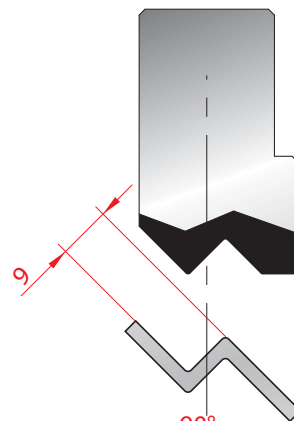
1142



1143



1144

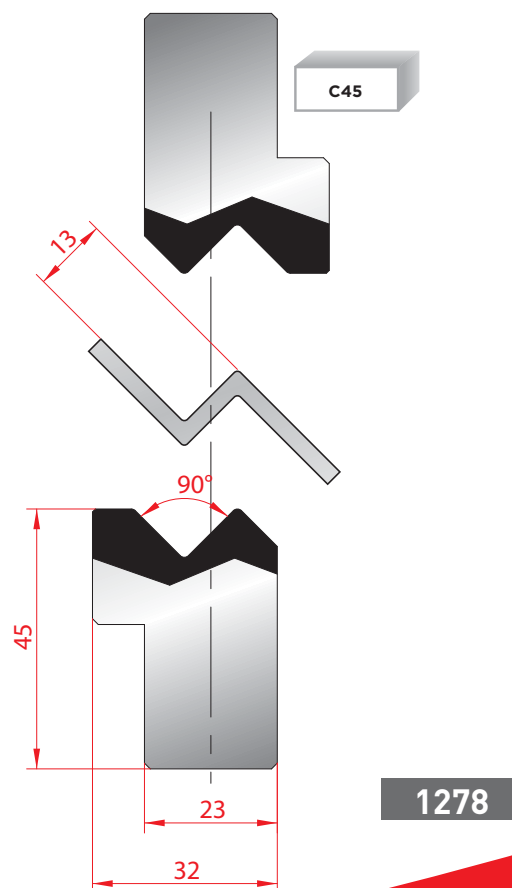
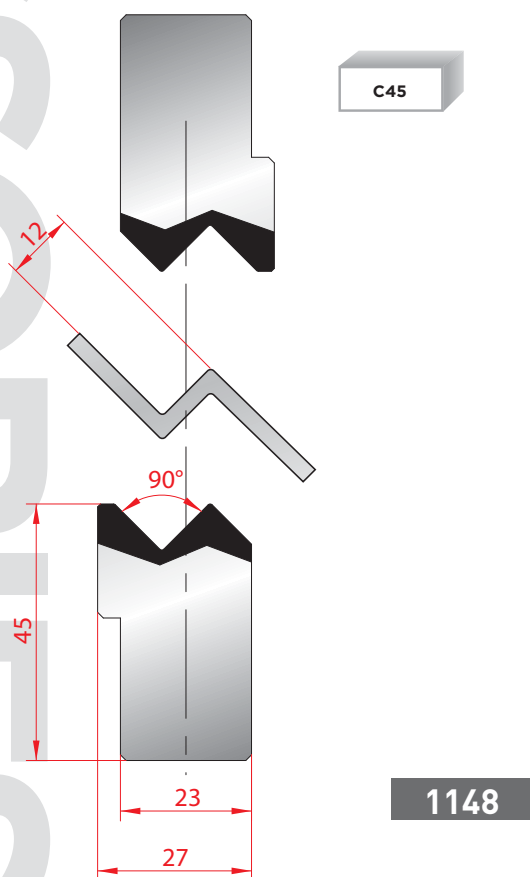
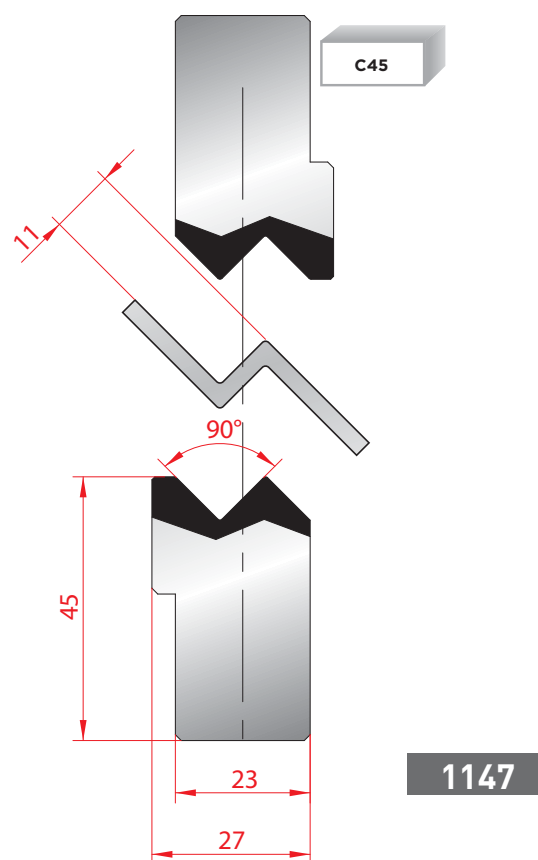
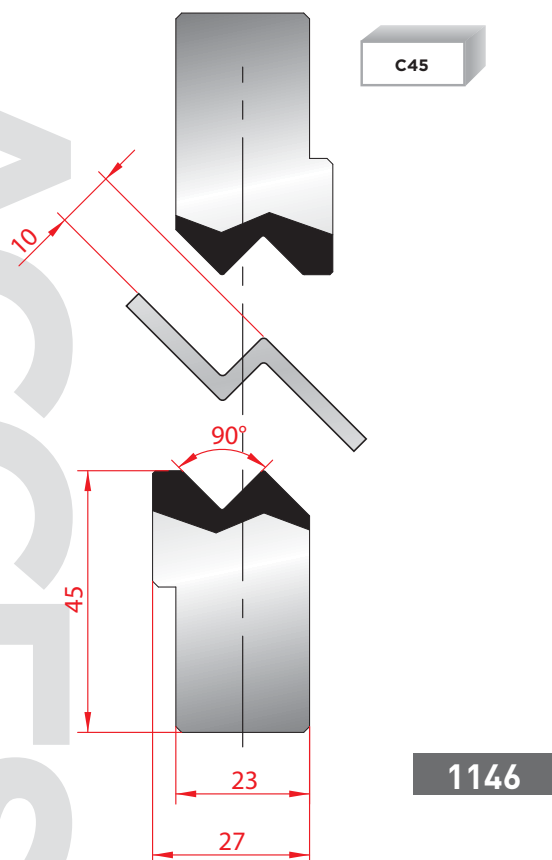


1145

INSERTI A Z - 90° / JOGGLE TOOLS - 90°

Per verificare la fattibilità della piega in base allo spessore lamiera, vedi tabella p. 176

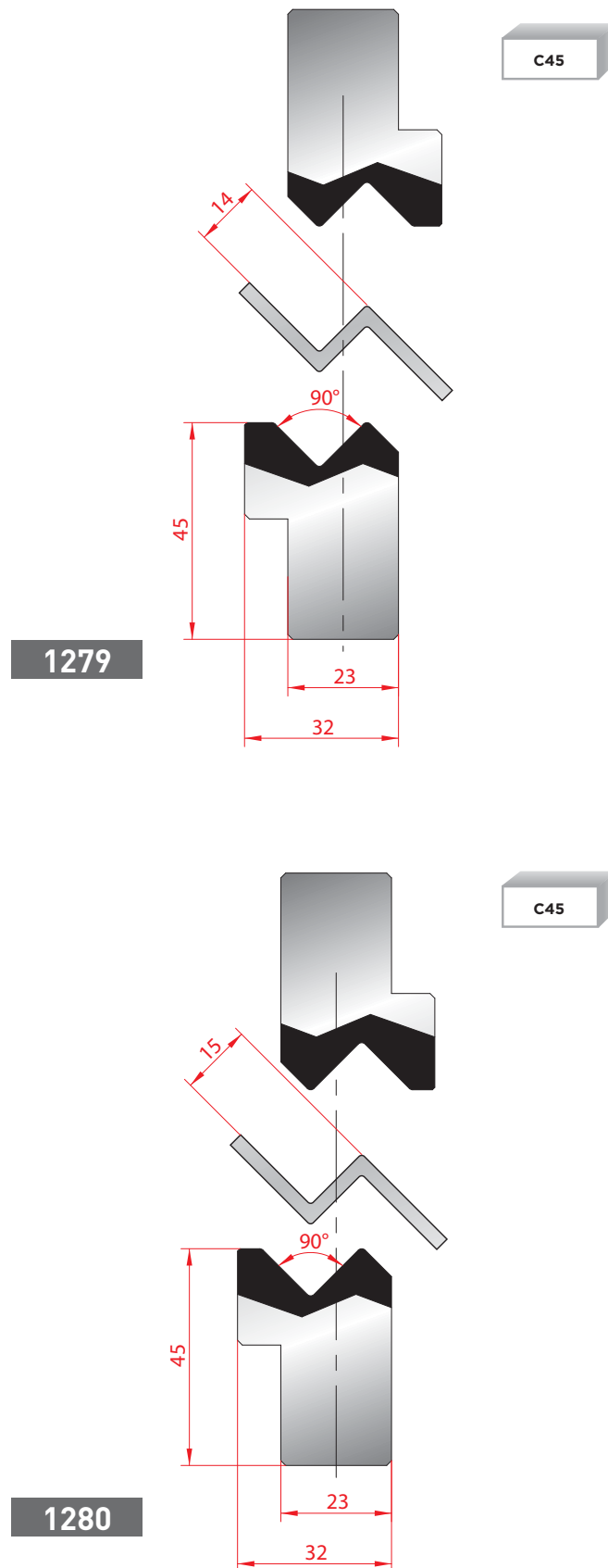
To choose the right joggle tool based on the sheet thickness, please see the chart on page 176



INSERTI A Z - 90° / JOGGLE TOOLS - 90°

Per verificare la fattibilità della piega in base allo spessore lamiera, vedi tabella p. 176

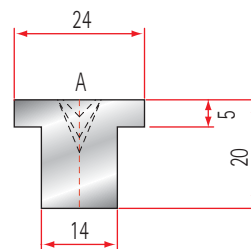
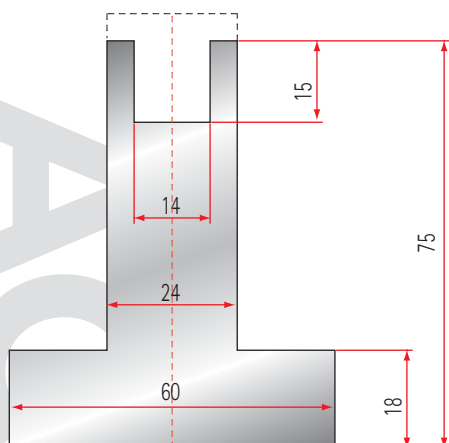
To choose the right joggle tool based on the sheet thickness, please see the chart on page 176



ACCESSORIES

CONTENITORI E INSERTI IN NYLON / NYLON INSERTS AND HOLDERS

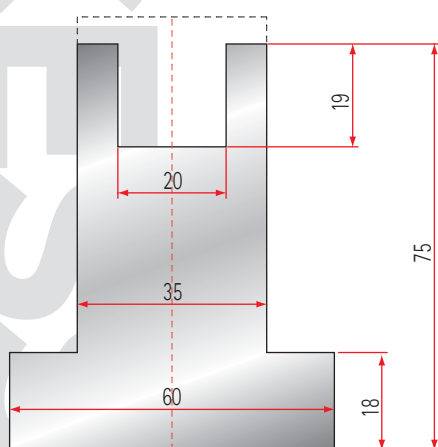
2109



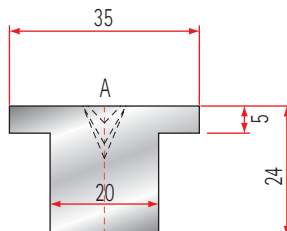
2112

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

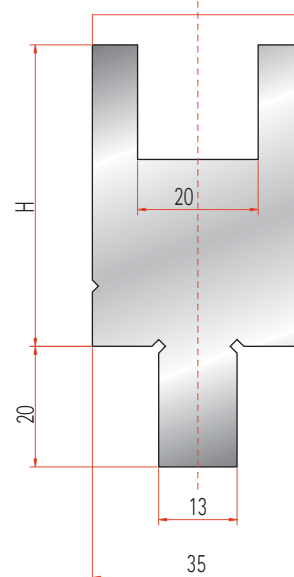
2110



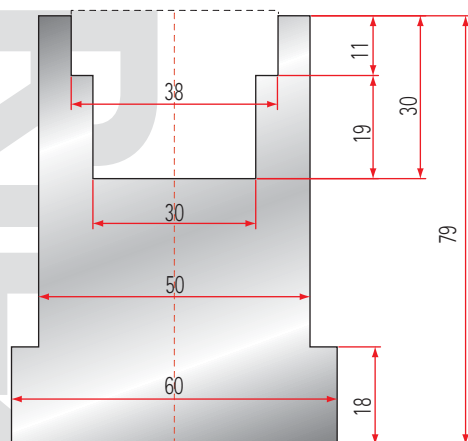
2113					
A	V				
88°	6	8	10	12	16
60°	6	8	10	12	16
45°	6	8	10	12	
30°	6	8	10		



2115	H	50
2116	H	95

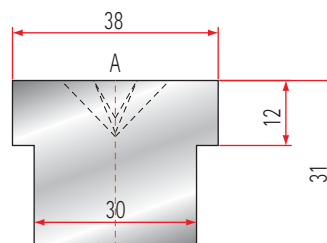


2111



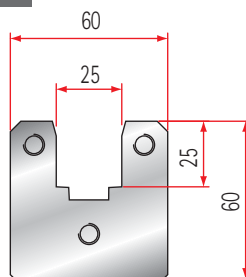
2114

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		

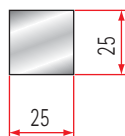


CONTENITORI E INSERTI IN POLIURETANO / POLYURETHANE INSERTS AND HOLDERS

2036

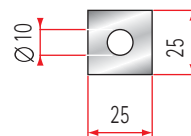


2101

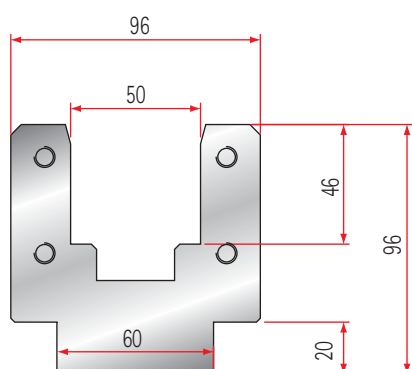


92 shore

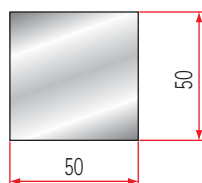
2105



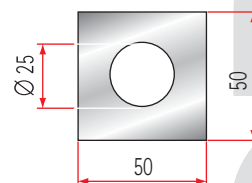
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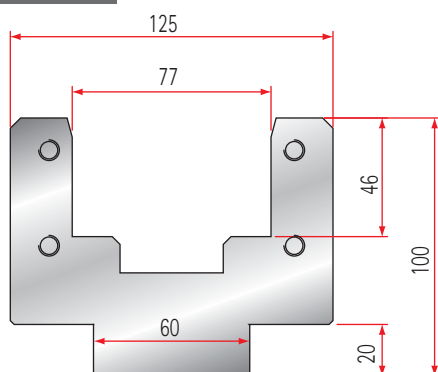
2102



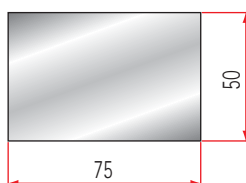
2106



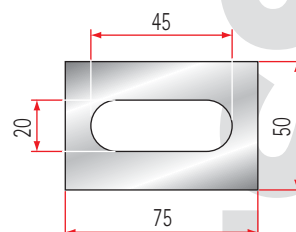
2038



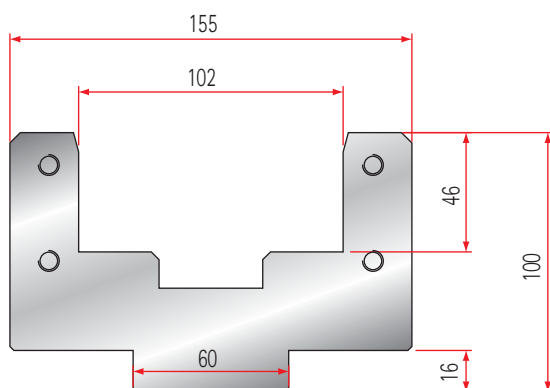
2103



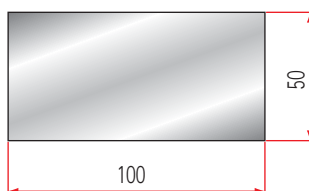
2107



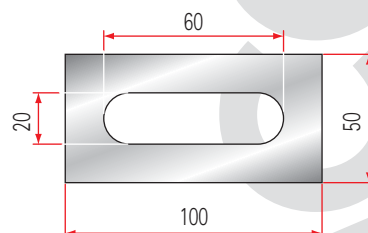
2040



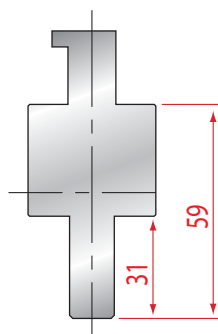
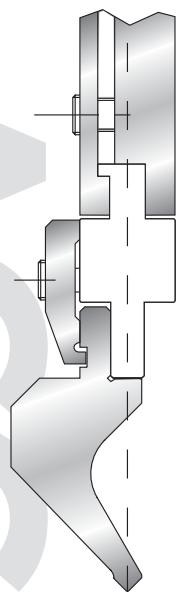
2104



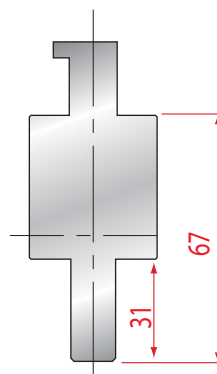
2108



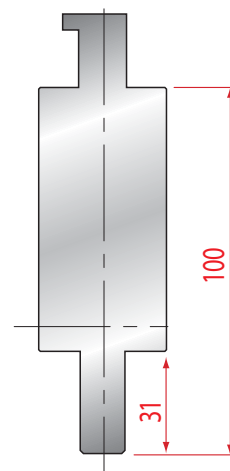
ADATTATORI PER UTENSILI AMADA-PROMECAM PER TUTTI I TIPI DI PRESSE AMADA-PROMECAM TOOL ADAPTORS FOR ANY TYPE OF PRESS BRAKE


cod. 4000

L = 150 mm

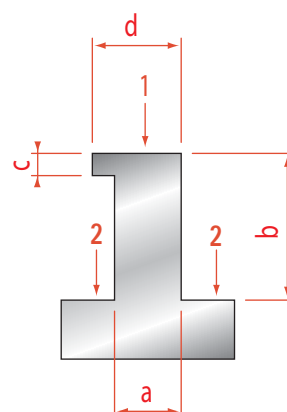

cod. 4001

L = 150 mm


cod. 4002

L = 150 mm

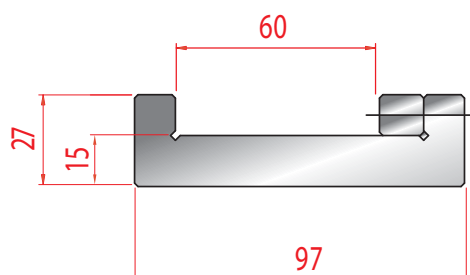
	1	2
a =		
b =		
c =		
d =		



Indicare quote
d'attacco e
punti di spinta.

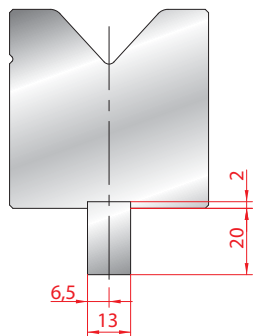
Please mark
contact points
and pressure
points.

Ordine minimo n. 5 intermediari
Minimum order n. 5 intermediates

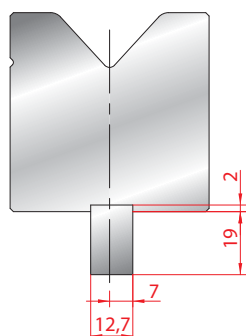


cod. 9010	2100 mm
cod. 9011	2600 mm
cod. 9012	3100 mm
cod. 9013	4100 mm

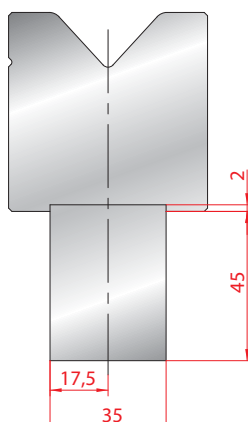
ATTACCHI SU RICHIESTA / TANGS ON REQUEST

**8100**

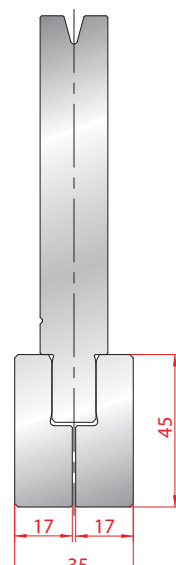
BYSTRONIC-TRUMPF

**8101**

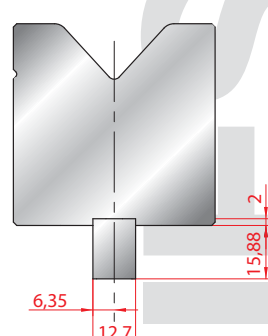
LVD

**8102**

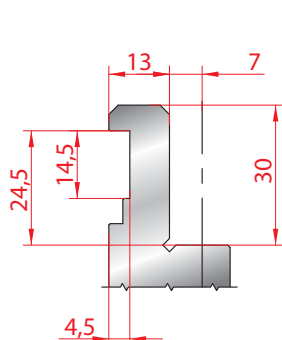
WEINBRENNER

**8105**

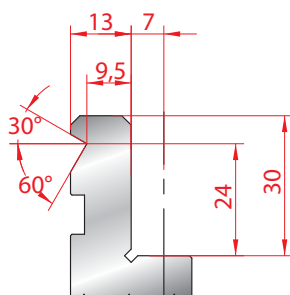
WEINBRENNER

nuovo
new**8107**

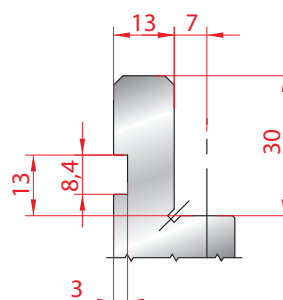
AMERICAN

**8010**

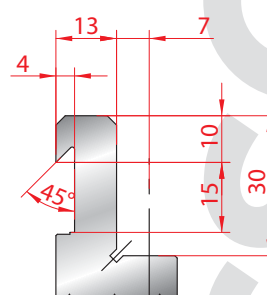
BARRETTA

**8011**

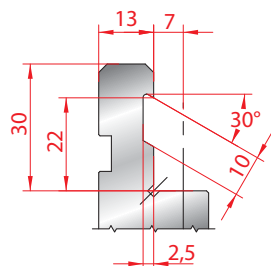
BMB

**8012**

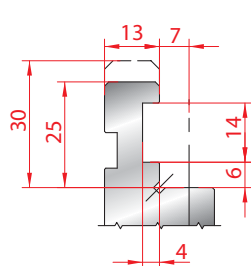
AMADA-PROMECAM

**8013**

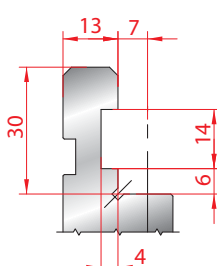
GASPARINI

**8014**

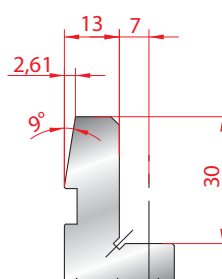
TEDA

**8016**

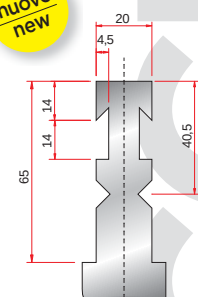
EURO BYSTRONIC

**8017**

BYSTRONIC

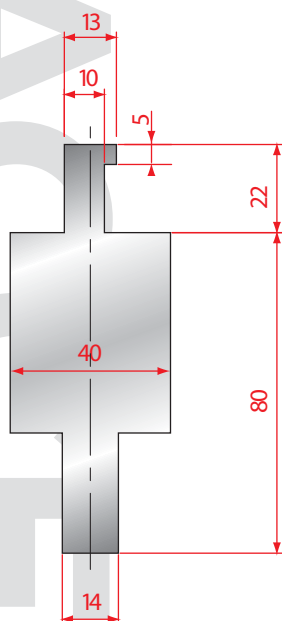
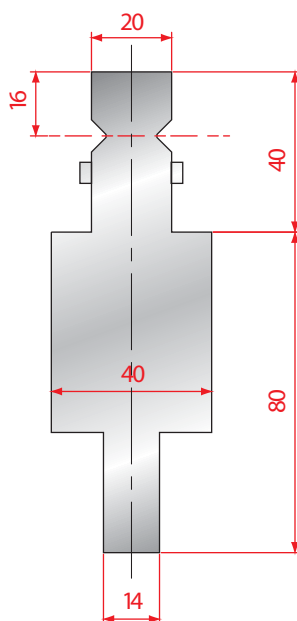
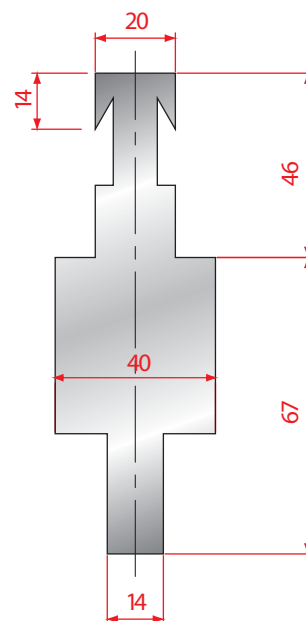
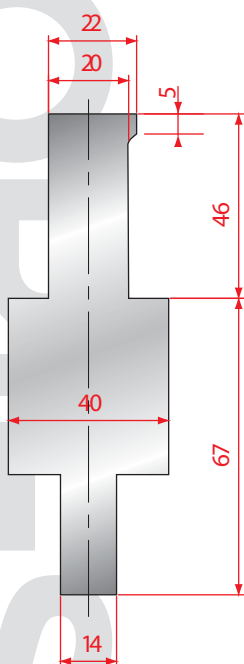
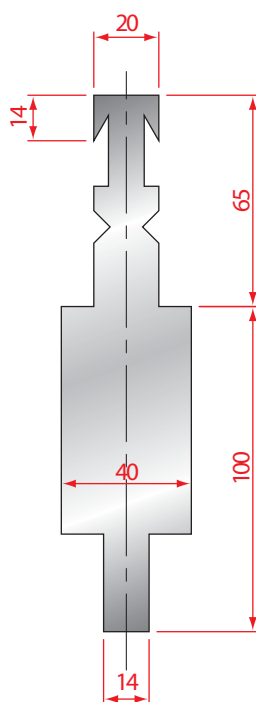
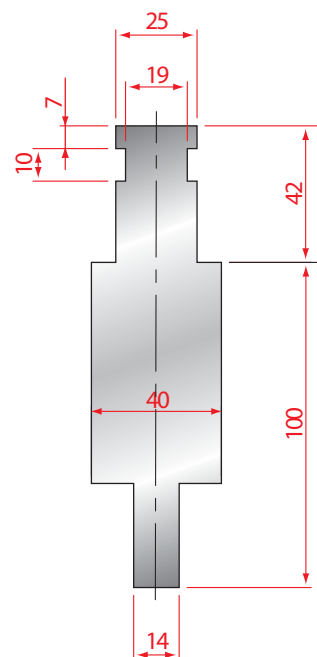
**8020**

ONE TOUCH

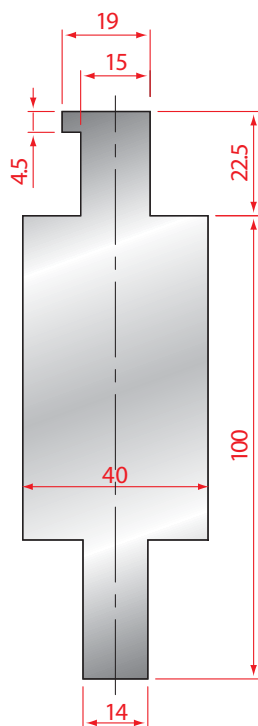
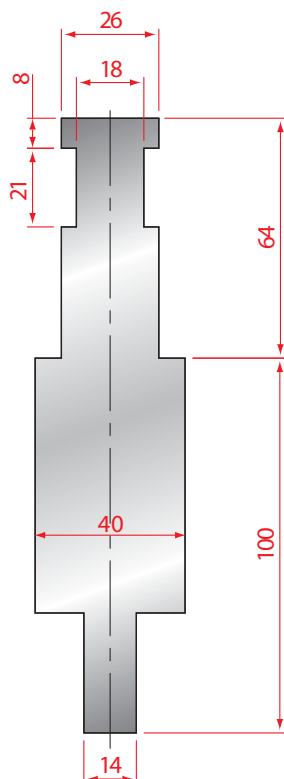
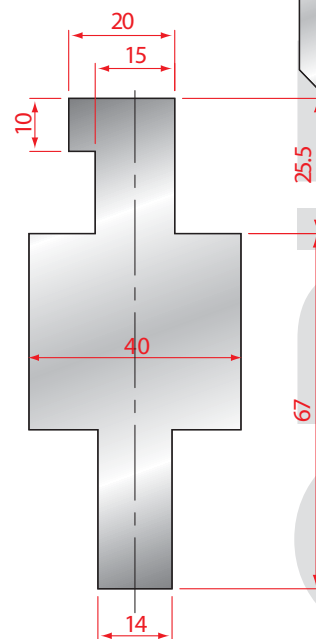
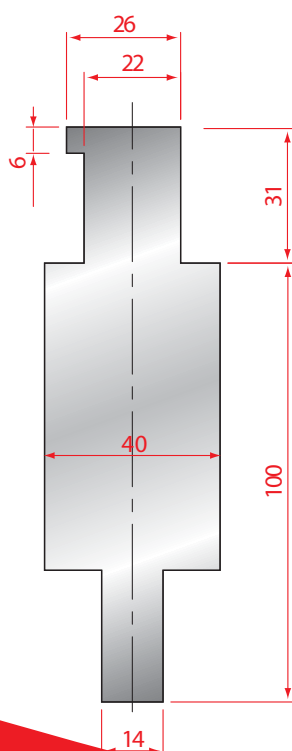
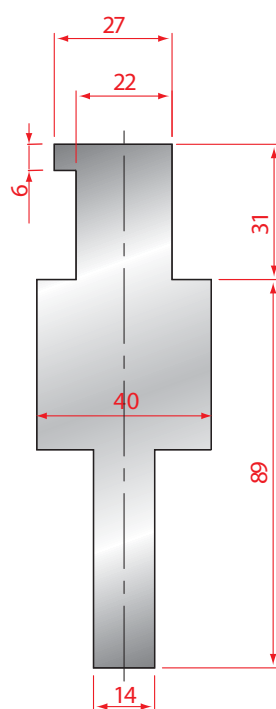
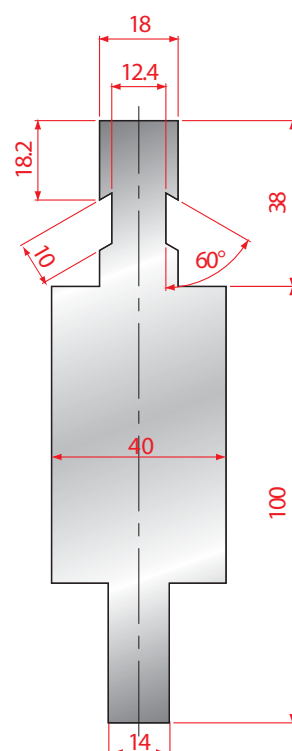
nuovo
new**8022**

BYSTRONIC RF-A

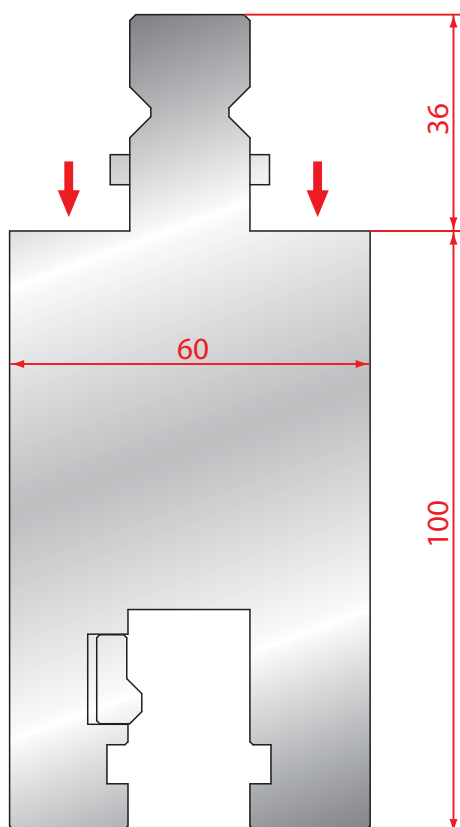
ADATTATORI / ADAPTORS

4143L=150 mm
LVD**4191**L=150 mm
WILA/TRUMPF**4192**L=150 mm
BYSTRONIC-R**4193**L=150 mm
BYSTRONIC-S**4214**L=150 mm
BYSTRONIC-RF-A**4215**L=150 mm
WEINBRENNER

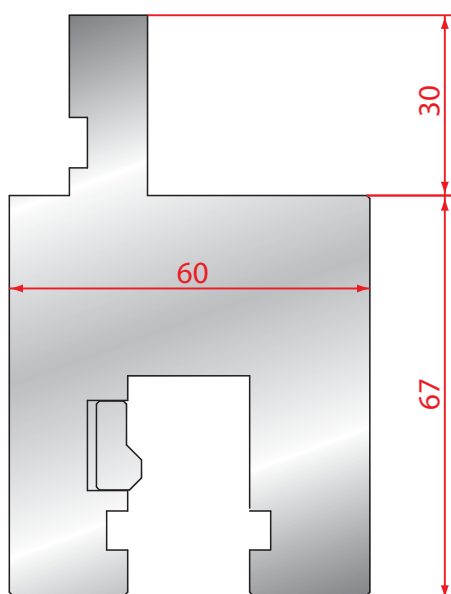
ADATTATORI / ADAPTORS

4216L=150 mm
CBC**4217**L=150 mm
EHT**4218**L=150 mm
DURMAZLAR**4229**L=150 mm
DARLEY**4272**L=150 mm
BAYKAL**4273**L=150 mm
COLGAR

ADATTATORI / ADAPTORS

**4361**

H100 L=150

PROLUNGA / EXTENSION
TRUMPF / TRUMPF**4362**

H67 L=150

ADATTATORE / ADAPTOR
AMADA / TRUMPF

ACCESSORIES

BLOCCAGGIO RAPIDO / NEW CLAMPING SYSTEM

4353

LEVETTA DI BLOCCAGGIO / LOCKING LEVER

PULSANTE PER INSERIMENTO FRONTALE / FRONTAL INSERTION BUTTON



Il nuovo sistema Jet Clamp per il fissaggio meccanico degli utensili tipo Amada-Promecam, presenta alcune innovative soluzioni per velocizzare le operazioni di cambio utensili, riducendo al minimo i tempi di SET-UP e consentendo il carico/scarico frontale degli utensili.

I bloccaggi vengono prodotti con intermediari regolabili aventi lo spessore di 27 mm o di 40 mm e possono essere forniti con la sola brida anteriore oppure con brida anteriore e posteriore sempre azionate simultaneamente tramite le leve frontali.

I bloccaggi sono composti da:

- brida di serraggio anteriore che, azionata da una leva, può aprirsi a 45° e a 90°,
- intermediario con cuneo di regolazione,
- PIN di sicurezza posto su brida che consente l'apertura a 45° e a 90°,
- brida posteriore se è stato scelto il bloccaggio doppio.

The new Jet Clamp system has some very new solutions for the mechanical clamping of the Amada-Promecam tools that allows frontal and lateral loading and unloading of the tooling.

The clamps are produced with intermediates having thickness 27 mm or 40 mm and can be manufactured with the frontal clamp or with frontal and back clamps in any case moved through the frontal leverage.

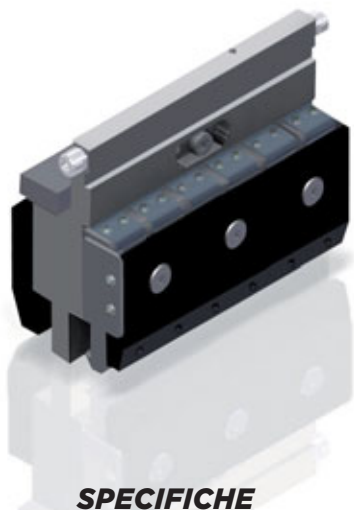
Clamps are composed by:

- frontal clamp with that, driven by a leverage, can open to 45° and 90°,
- adjustable intermediate,
- safety PIN that allow to have an opening of 45° or of 90°,
- back clamp if you have choosen the double locking.

BLOCCAGGIO RAPIDO / NEW CLAMPING SYSTEM

ES CLAMP PN

INTERMEDIO MODELLO ES CLAMP PN
PER UTENSILI MODELLO PROMECAM.



SPECIFICHE

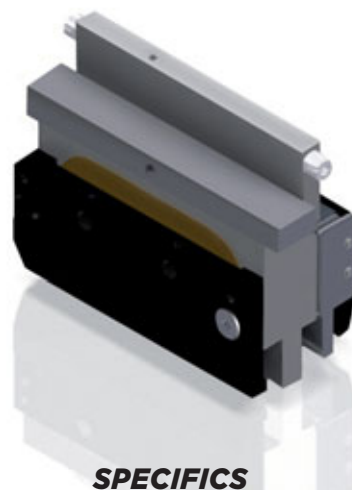
- Facile da montare
- Nessuna modifica necessaria alla pressa piegatrice o agli utensili
- Aggancio e sgancio frontale
- Sistema anticaduta
- Autoallineamento degli utensili
- Chiusura pneumatica
- Possibilità di spostare gli intermedi con facilità
- Disponibile in varie altezze
- Staffa posteriore a chiusura manuale inclusa

OPZIONALE

4376 - Staffa posteriore a chiusura pneumatica

4377 - Kit pneumatico (base, moltiplicatore di pressione, pressostato, valvola a 5 vie)

PATENTED AND PNEUMATIC
INTERMEDIATE ES CLAMP PN MODEL
FOR PROMECAM STYLE TOOLING



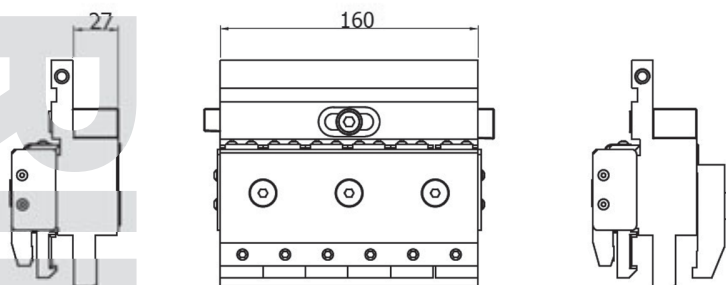
SPECIFICS

- Easy to install
- The system does not require any modification to the press brake or tooling
- Front insertion
- Fall-protection system
- Self-alignment of top tools
- Pneumatic clamping
- Possibility to remove the clamps easily
- Available in different heights
- Rear tool holder with manual closure included

OPTIONAL

4376 - Rear tool holder with pneumatic closure

4377 - Pneumatic Kit (holder, pressure multiplier, pressure switch, 5-ways valve)



CODICE CODE	ALTEZZA (mm) HEIGHT (mm)
4369	110
4370	150
4371	200
4372	250
4373	300
4374	400
4375	500

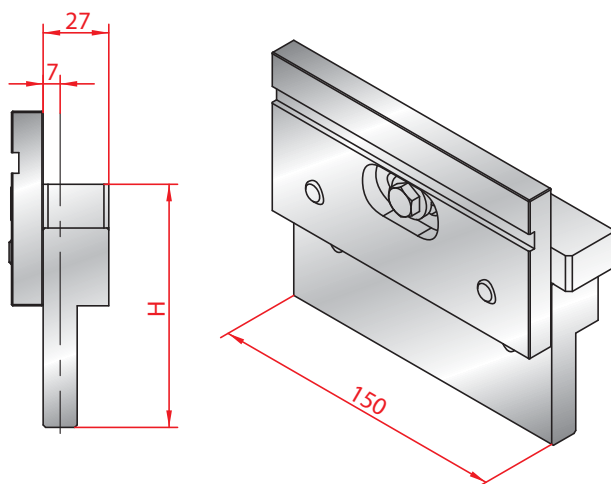
OPZIONALE
OPTIONAL**4376**

Staffa posteriore a chiusura pneumatica / Rear tool holder with pneumatic closure

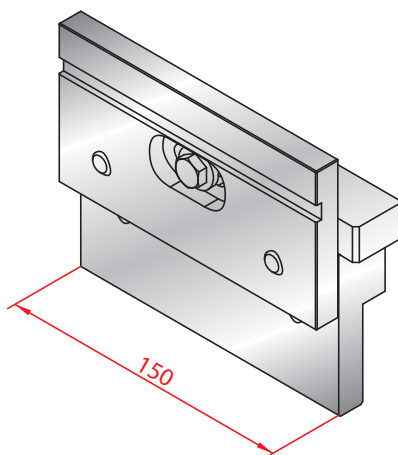
4377

Kit pneumatico / Pneumatic Kit

INTERMEDIARI REGISTRABILI / ADJUSTABLE INTERMEDIATES

**4221**

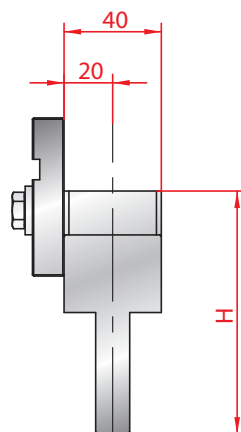
H=100 mm

**4222**

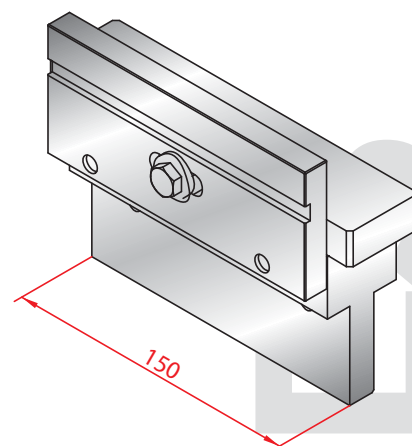
H=120 mm

4223

H=150 mm

**4224**

H=100 mm

**4225**

H=120 mm

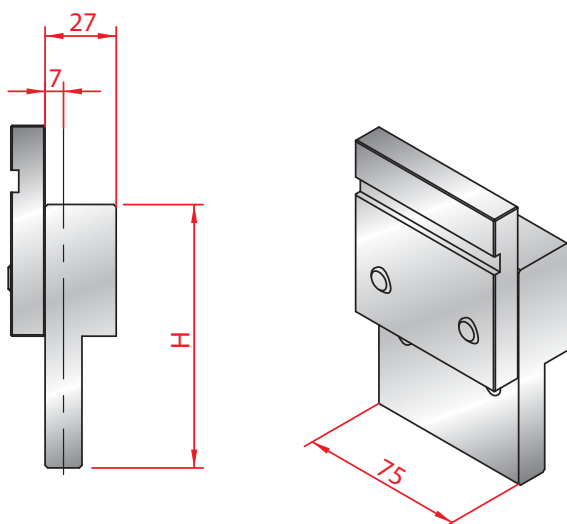
In base alle giacenze di magazzino gli intermediari potranno essere forniti:

a) con corpo monolitico e cuneo b) con attacco e corpo avvitati.

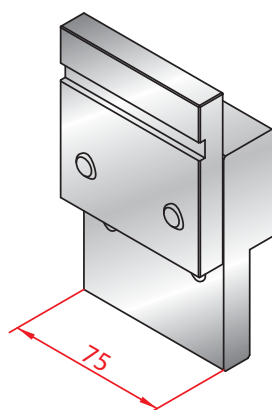
Subject to availability, intermediates could be provided;

a) with a solid body and wedge b) as a bolted construction with a bolted tang and body

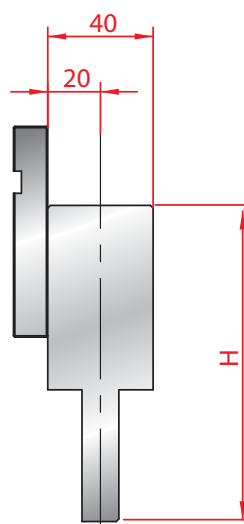
INTERMEDIARI FISSI / FIXED INTERMEDIATES

**4226**

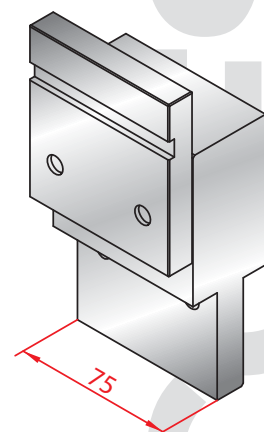
H=100 mm

**4227**

H=150 mm

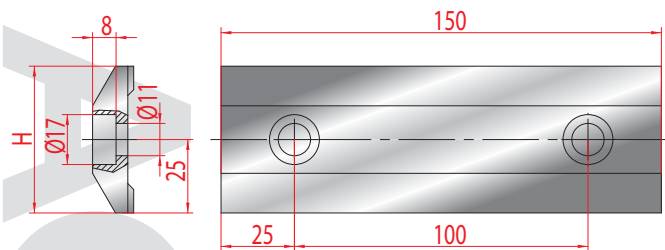
**4228**

H=120 mm

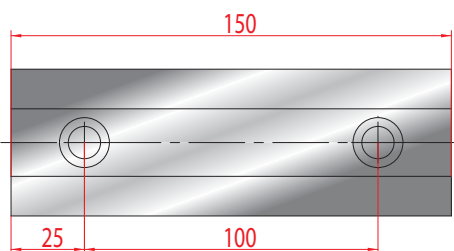


STAFFE / CLAMPS

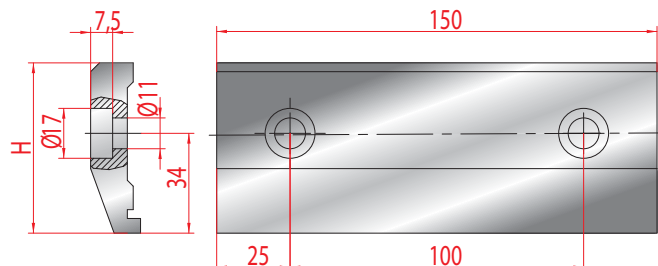
Le viti sono incluse solo con l'acquisto della staffa assieme ad un intermediario
Screws included only with the purchase of the intermediates

**4016**

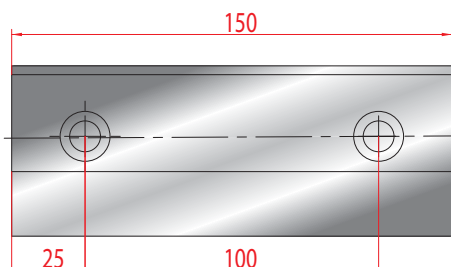
H=50mm

**5013**

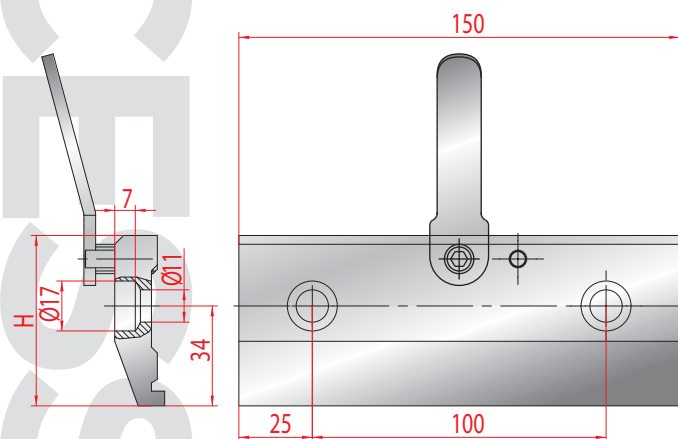
H=43mm

**4020**

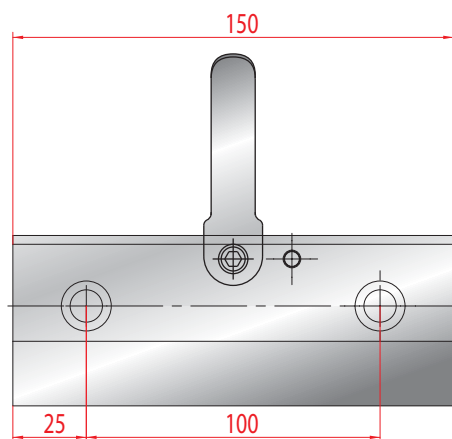
H=58mm

**5012**

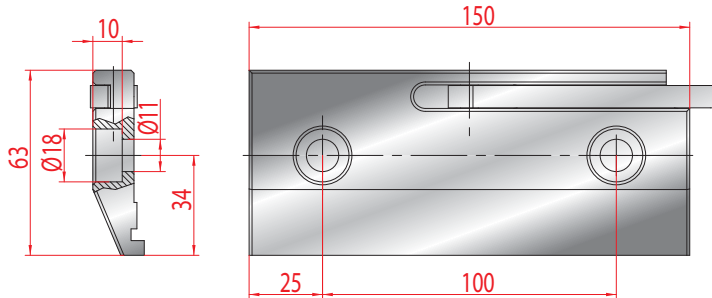
H=52mm

**4021**

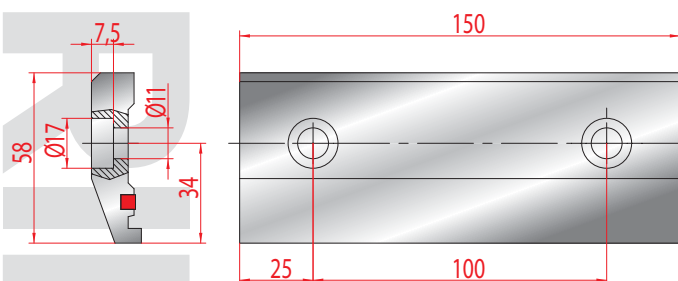
H=58mm

**5011**

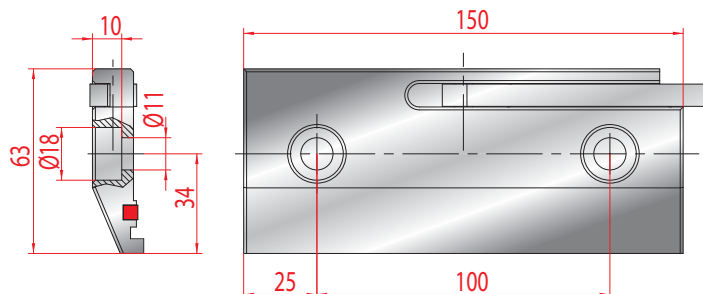
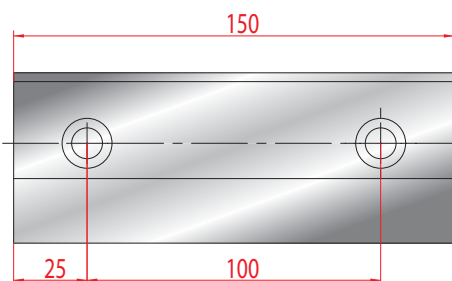
H=52mm

**4009**

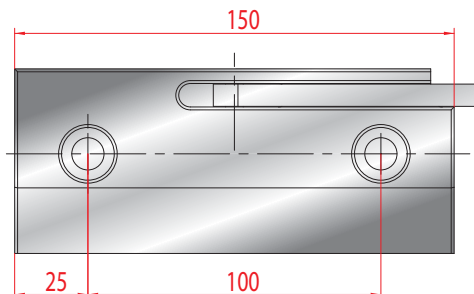
H=63mm

**4199**

H=58mm

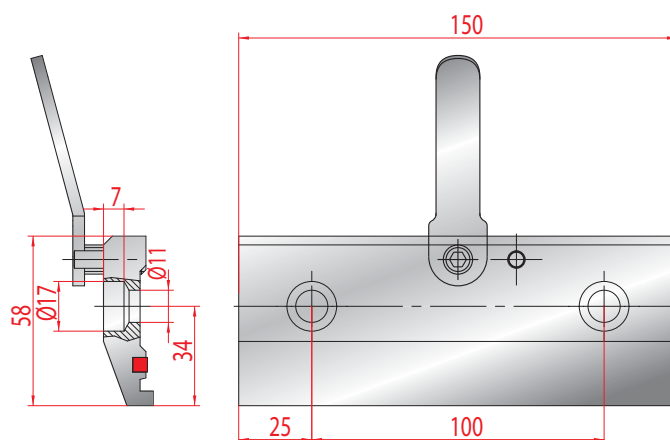
**4220**

H=63mm

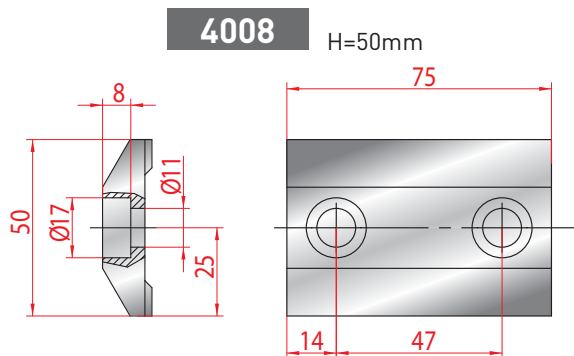


STAFFE / CLAMPS

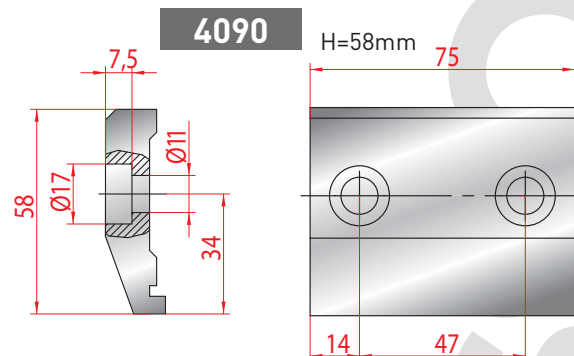
Le viti sono incluse solo con l'acquisto della staffa assieme ad un intermediario
Screws included only with the purchase of the intermediates

**4219**

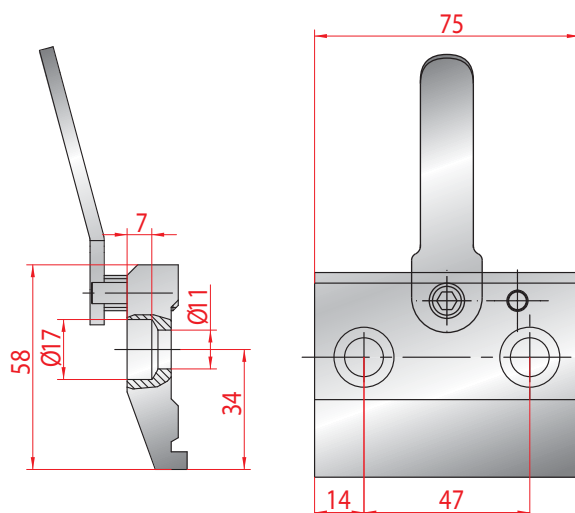
H=58mm

**4008**

H=50mm

**4090**

H=58mm

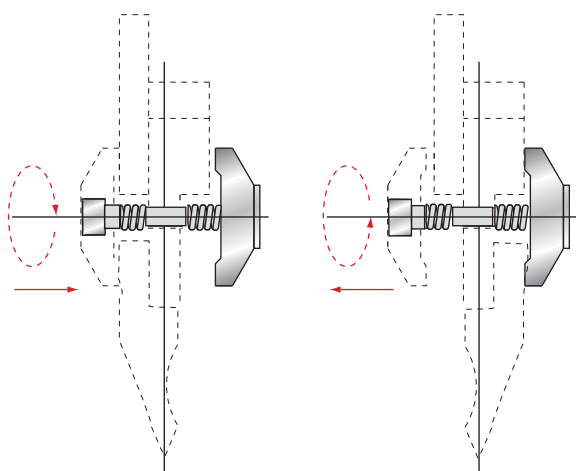
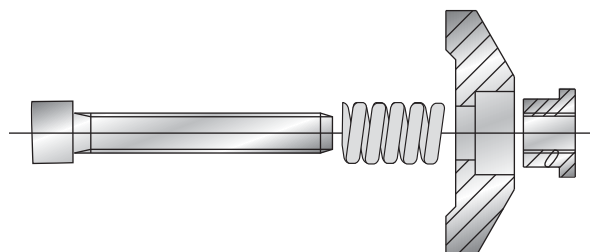
**4007**

H=58mm

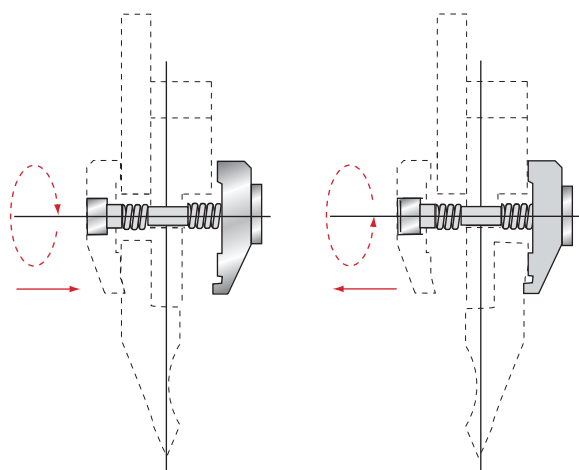
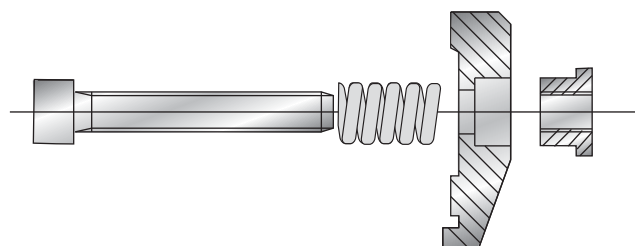
STAFFE / CLAMPS

Le viti sono incluse solo con l'acquisto della staffa assieme ad un intermediario
Screws included only with the purchase of the intermediates

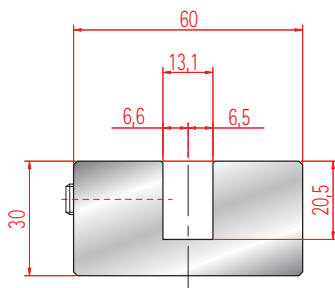
Kit per doppio staffaggio / Equipment for double clamping

**4031**

Kit per doppio staffaggio / Equipment for double clamping

**4032**

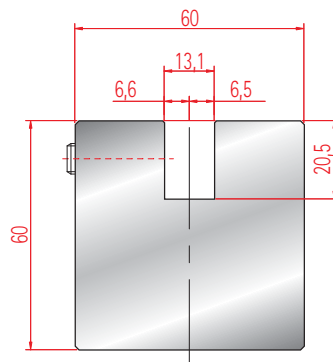
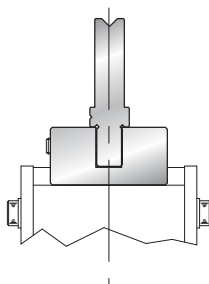
ADATTATORI INFERIORI / LOWER ADAPTORS

**4301**

L = 1000 mm

L = 500 mm

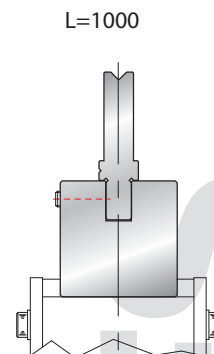
AMADA - BYSTRONIC / TRUMPF

**4302**

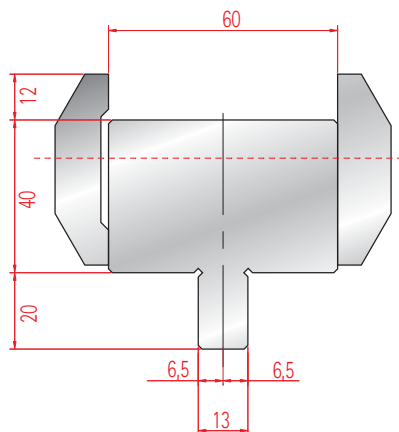
L = 1000 mm

L = 500 mm

AMADA - BYSTRONIC / TRUMPF



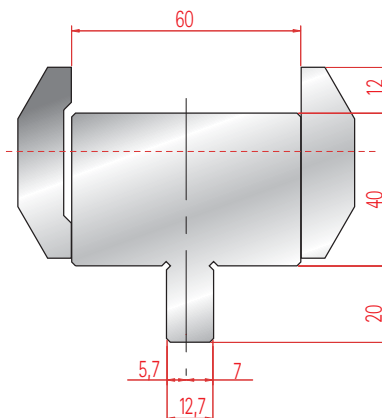
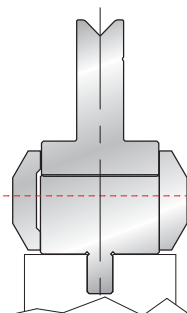
L=1000

**4303**

L = 835 mm

L = 415 mm

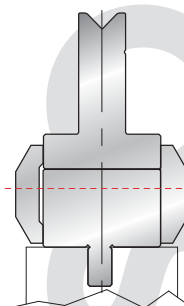
BYSTRONIC / TRUMPF - AMADA

**4304**

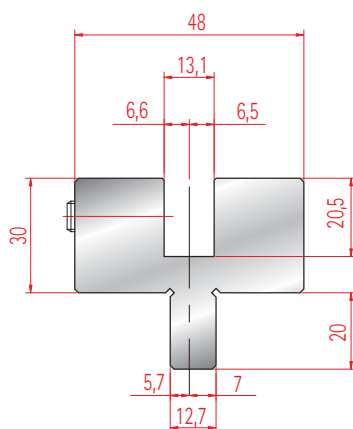
L = 835 mm

L = 415 mm

LVD - AMADA

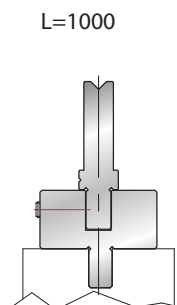


L=835

**4305**

L = 1000 mm - L = 500 mm

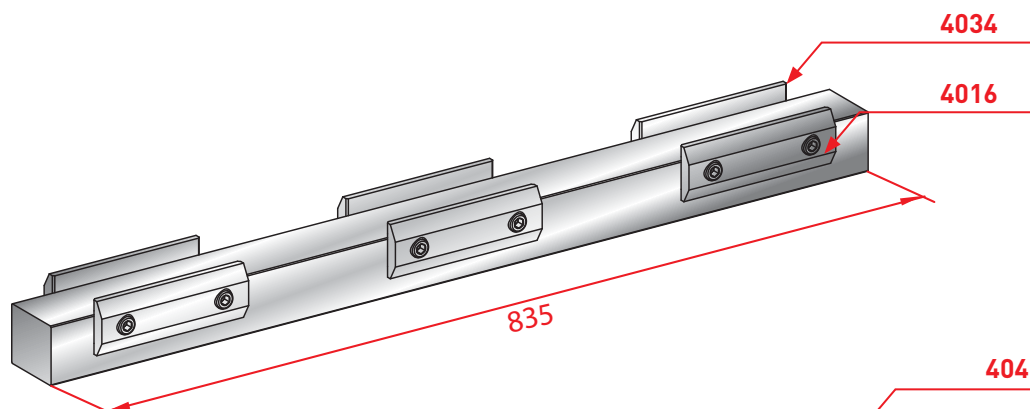
LVD - BYSTRONIC / TRUMPF



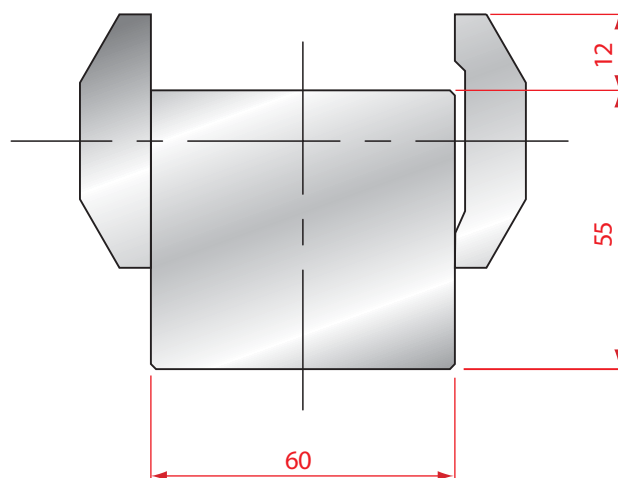
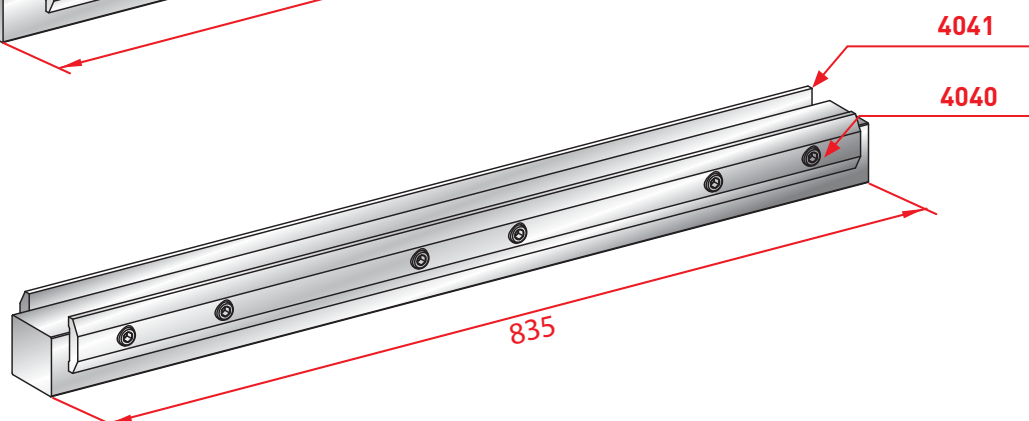
L=1000

ADATTATORI INFERIORI / LOWER ADAPTORS

4033



4050



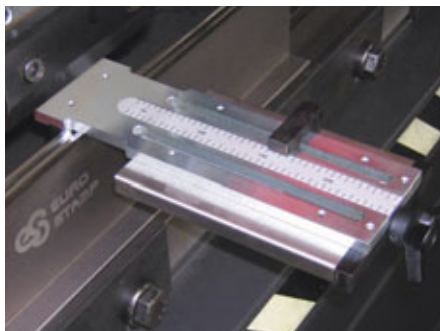
4033

L = 835 mm
Controtavola AMADA
Lower adaptor

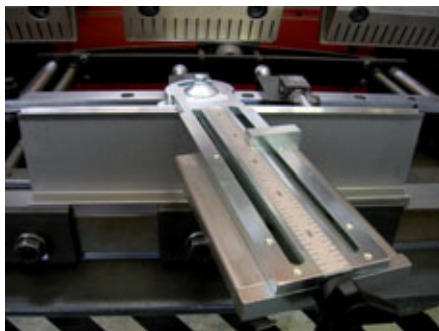
4050

L = 835 mm
Controtavola AMADA
Lower adaptor

ACCESSORI / ACCESSORIES

**4306**

Squadre di riferimento
Reference squares

**4307**

Squadre di riferimento orientabili
Adjustable reference squares

**4309**

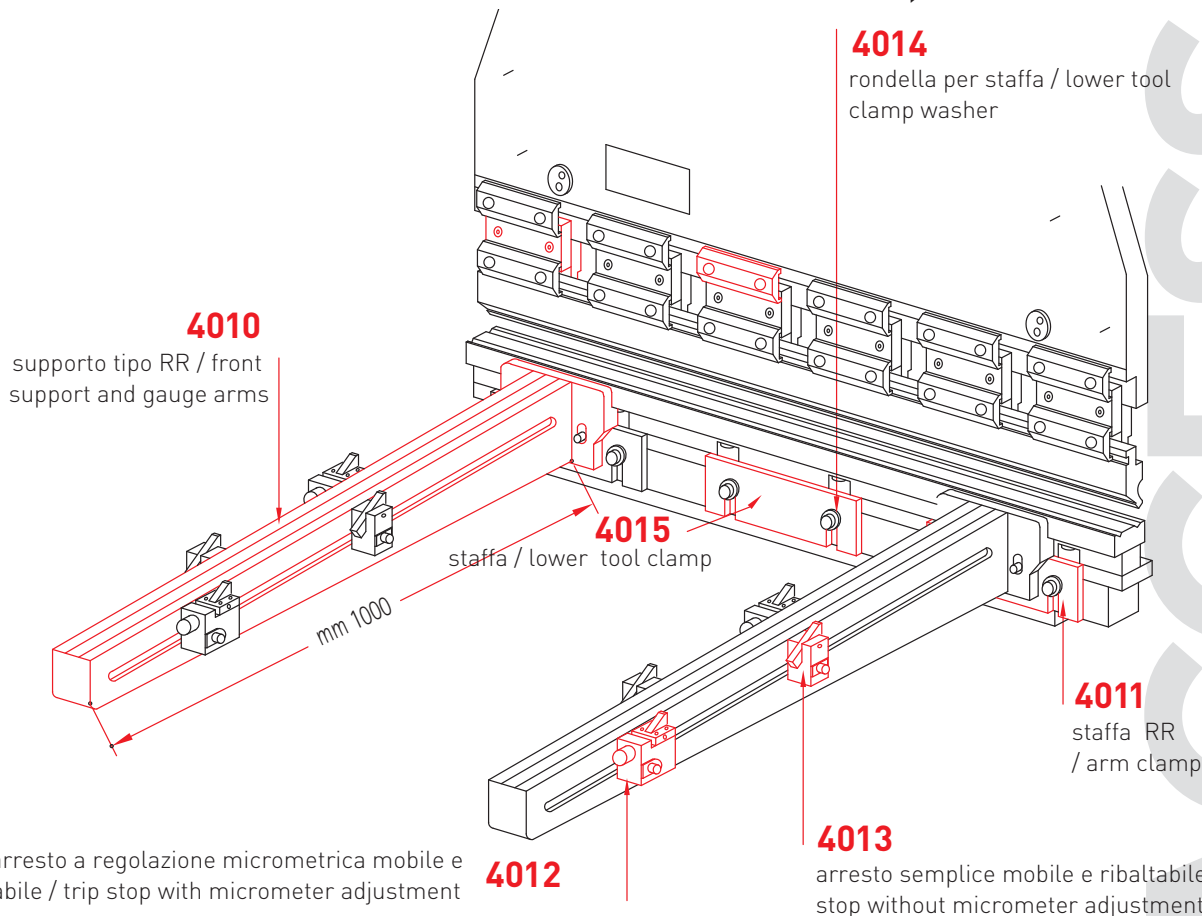
Coppia di tenditori
Couple of tighteners

**4308**

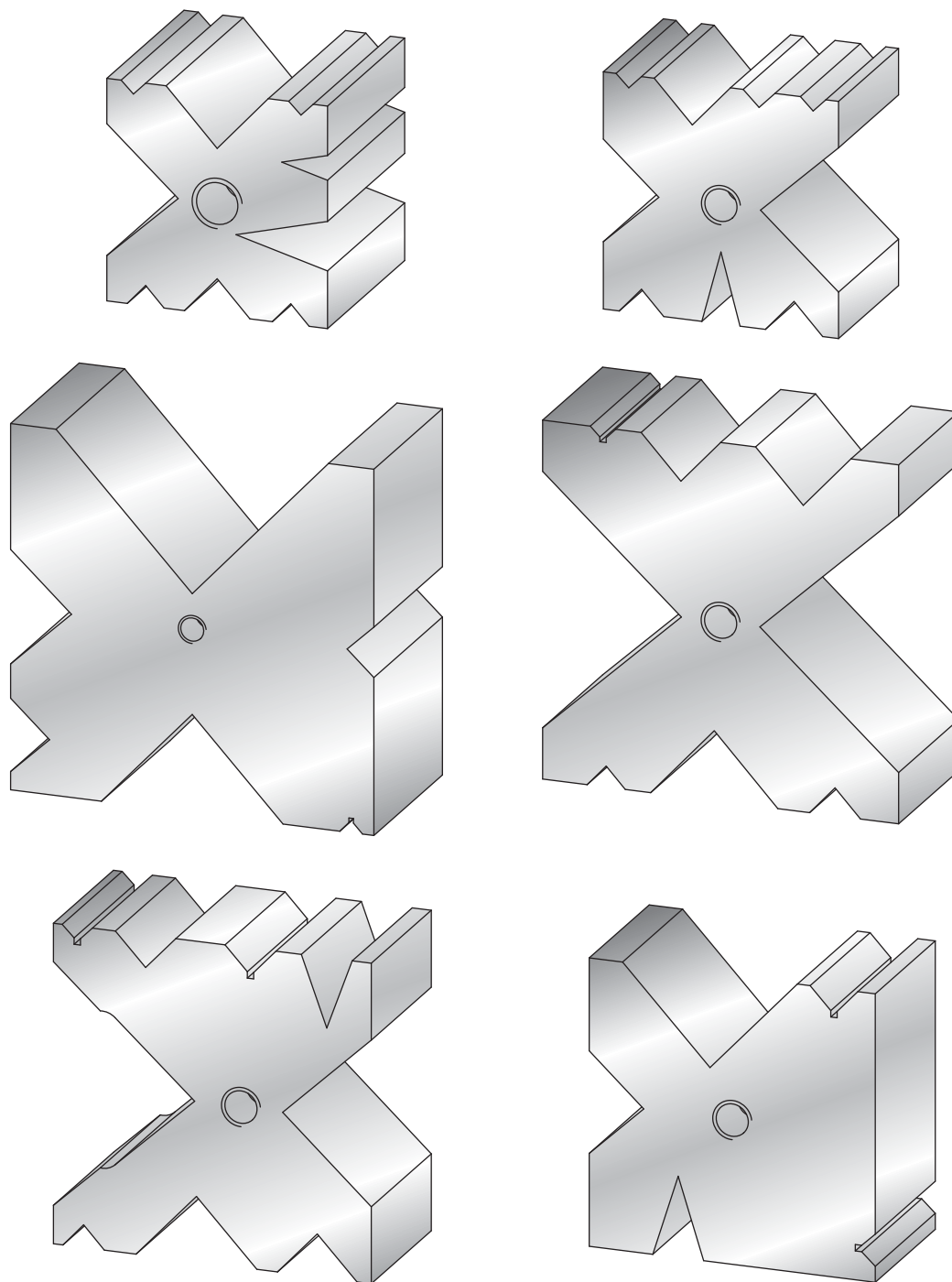
Pellicola di poliuretano antigraffio
105 x 0,5 mm di spessore
Scratch-resistant polyurethane film
105 x 0,5 mm of thickness L = 30 mt

4314

Pellicola di poliuretano antigraffio
95 x 0,8 mm di spessore
Scratch-resistant polyurethane film
95 x 0,8 mm of thickness L = 30 mt



MATRICI MULTICAVA A RICHIESTA / MULTI V DIES ON REQUEST

**Materiali / Materials:**

1.2312
C45
42CrM04

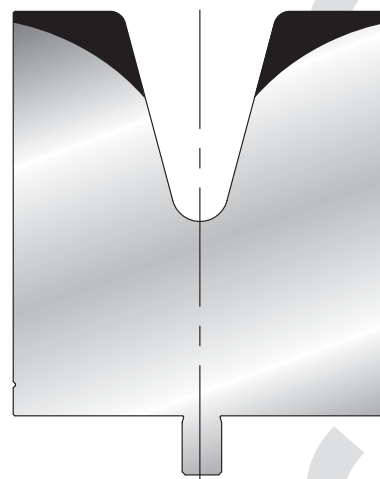
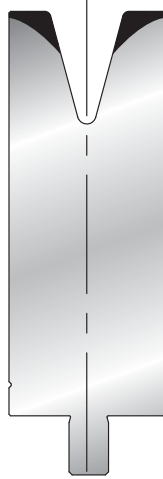
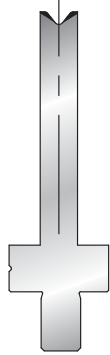
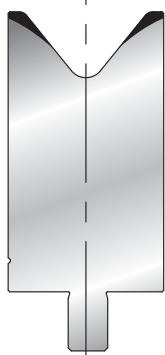
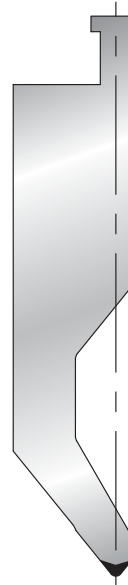
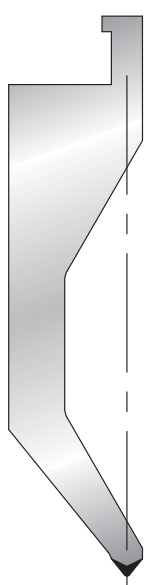
Lavorazioni / Processing:

Temprato / Hardened
Bonificato nitrurato /
Quenched-nitrided
Piallato / Planed
Rettificato / Grounded

Lunghezze / Lengths (mm):

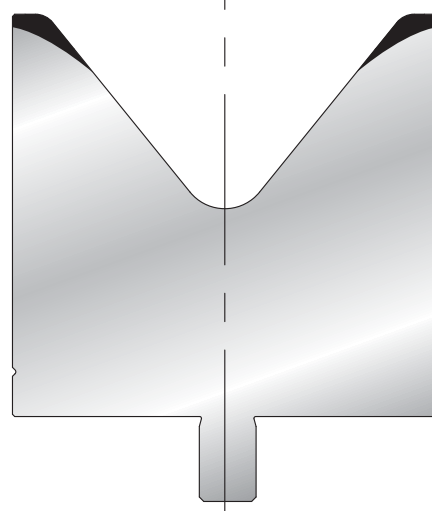
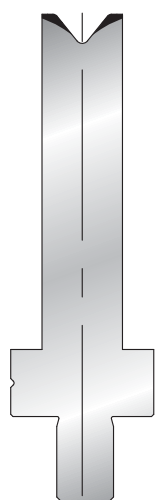
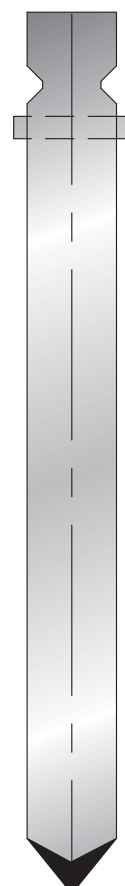
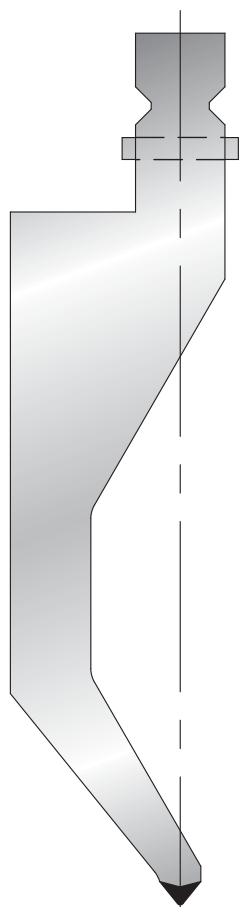
2000
3000
4000
6000
8000

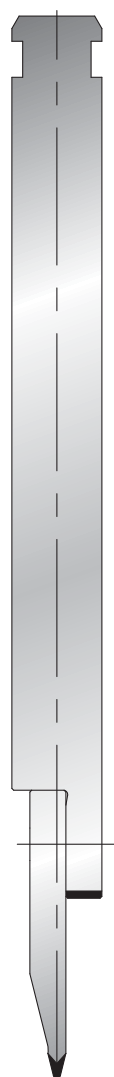
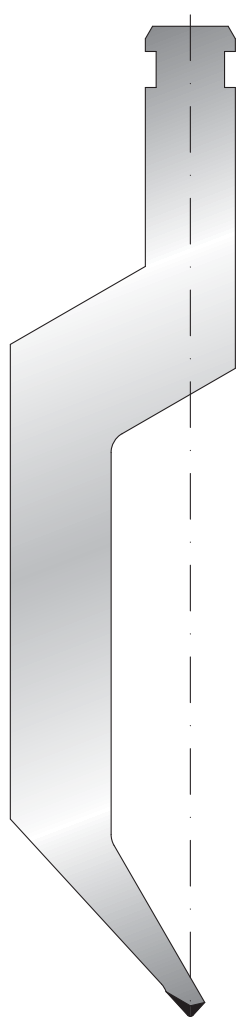
UTENSILI LVD SU RICHIESTA / LVD TOOLS ON REQUEST



ACCESSORIES

ACCESSORIES

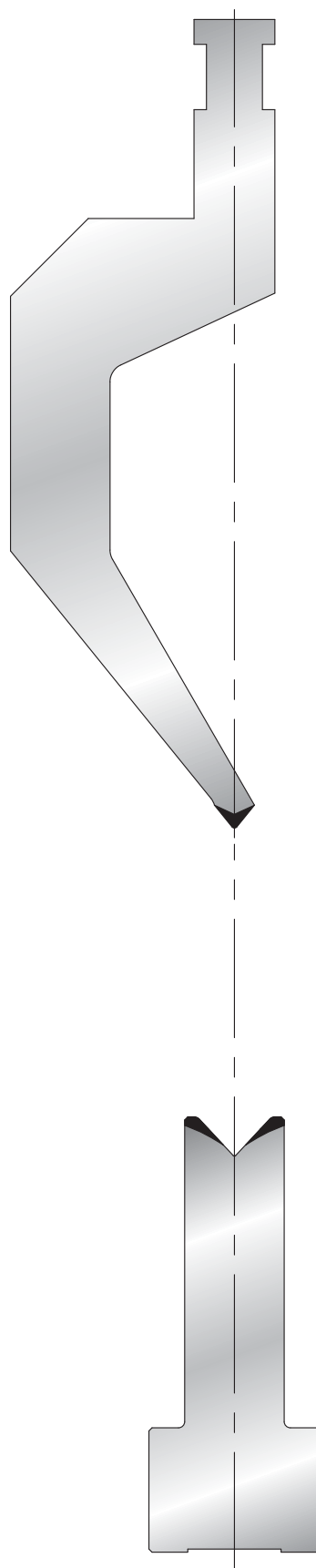
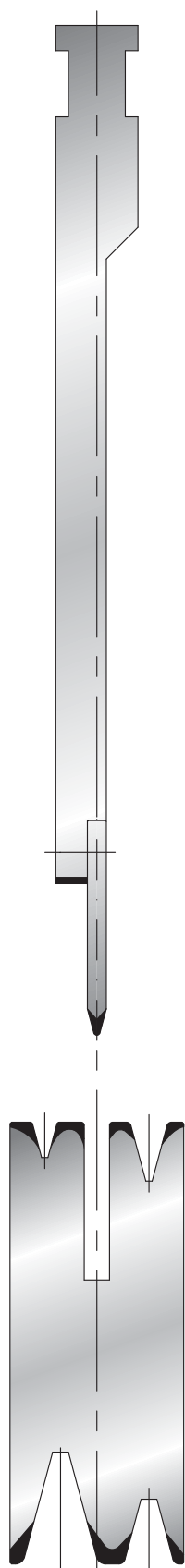




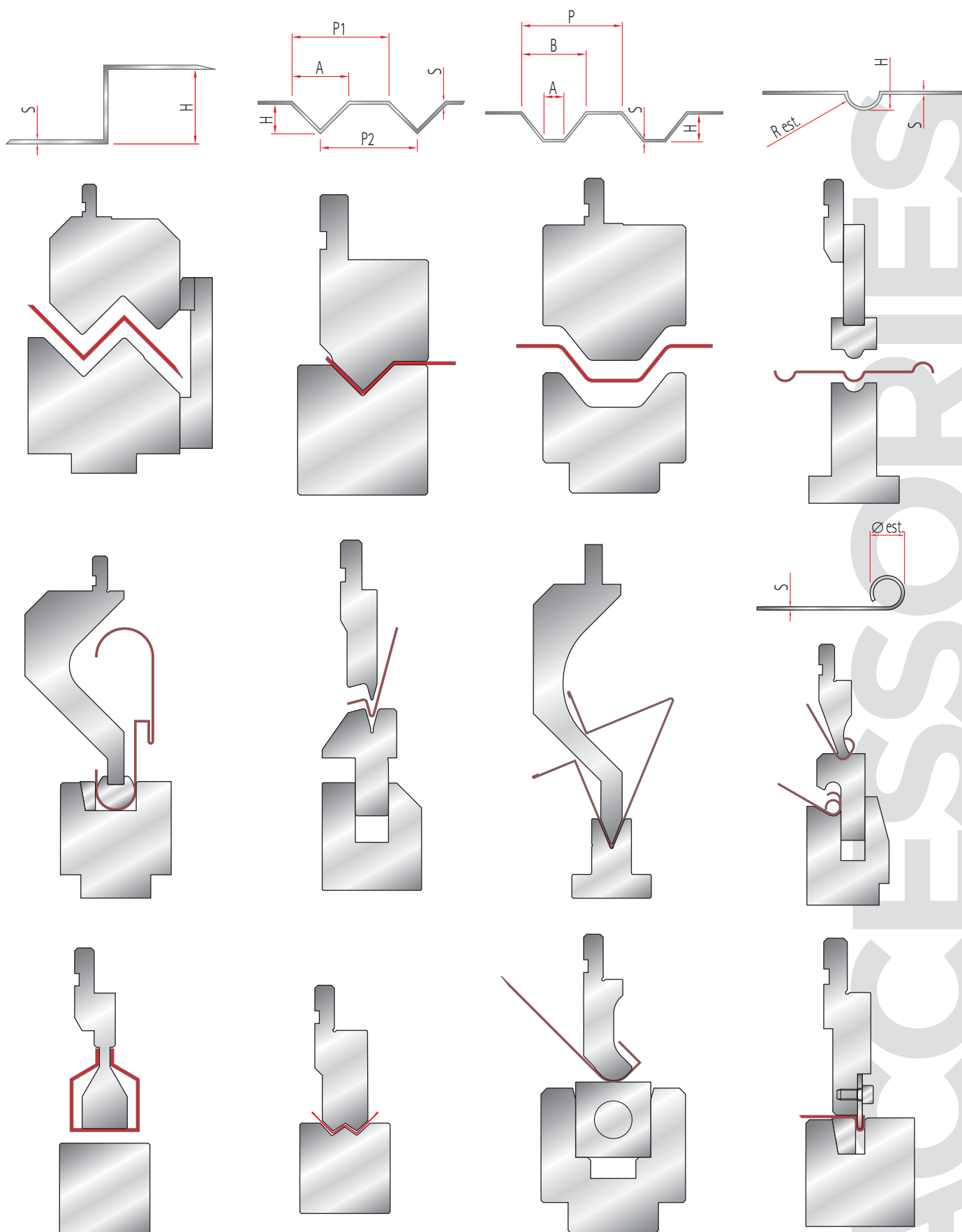
ACCESSORIES

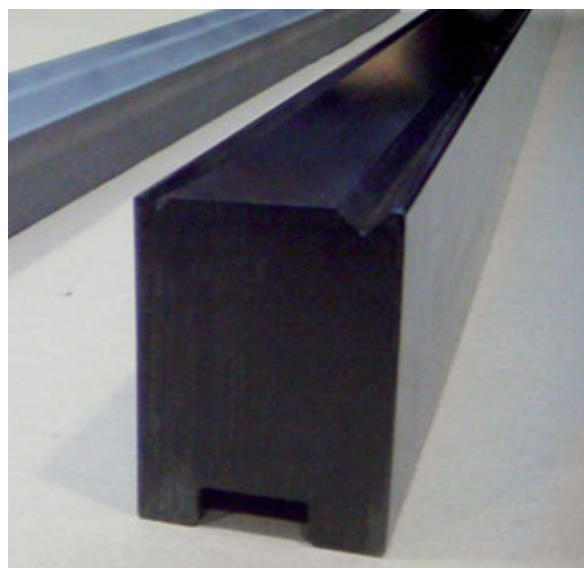
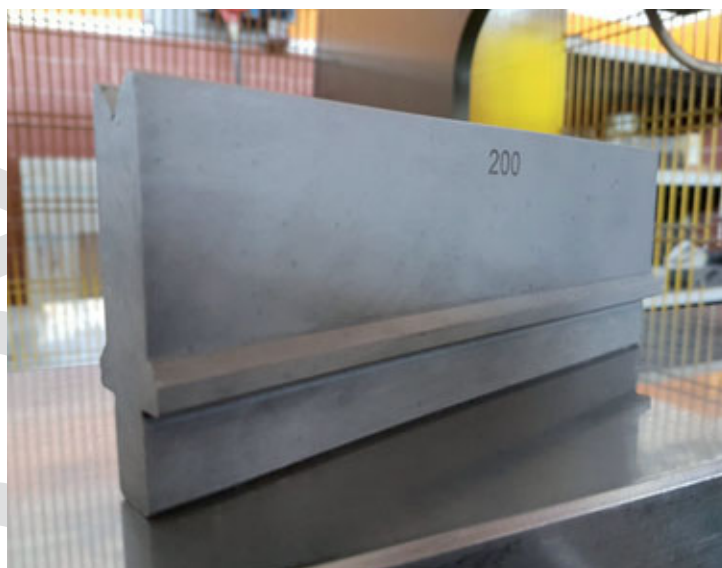
UTENSILI EHT SU RICHIESTA / EHT TOOLS ON REQUEST

ACCESSORIES



UTENSILI SPECIALI SU RICHIESTA / SPECIAL TOOLS ON REQUEST



**8201****Trattamento di fosfatazione** (anti ossidazione)**Phosphating treatment** (anti rust)**8205****Nitrurazione** (anti grippaggio per lamiere zincate)**Nitriding treatment** (anti seize for galvanized sheet metals)**8202****Fosfatazione + nitrurazione**

(anti grippaggio e anti ossidazione per lamiere zincate)

Phosphating + nitriding treatment

(antiseize and antitrust for galvanized sheet metals)

LAME PER CESCOIA / SHEAR BLADES

MATERIALE TAGLIATO / CUT MATERIAL:

☐

ALLUMINIO / ALUMINIUM

☐

FERRO / MILD STEEL

☐

ACCIAIO INOSSIDABILE / STAINLESS STEEL

☐

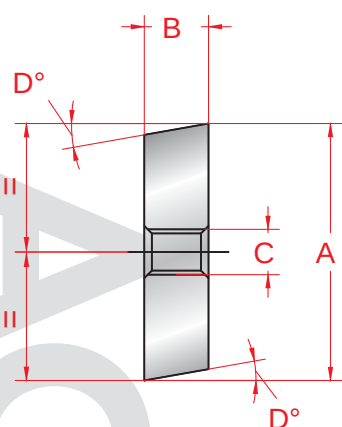
ALTRO MATERIALE / OTHER MATERIAL:

MOD. / PR.

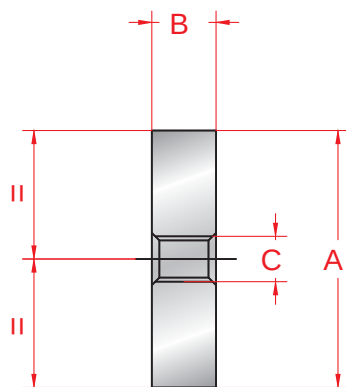
QUOTA / DIMENSION	MISURA / MEASURE (mm)
A	
B	
C	
D	
E	
F	
H	
I	
K	
L	
N° fori / N° holes	

ACCESSORIES

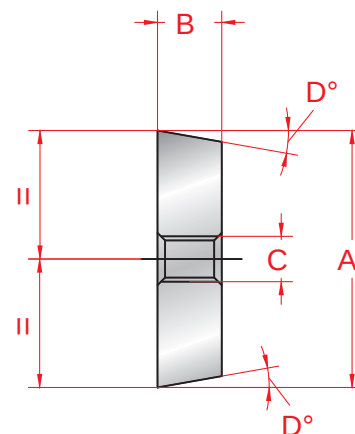
LAME PER CESOIA / SHEAR BLADES



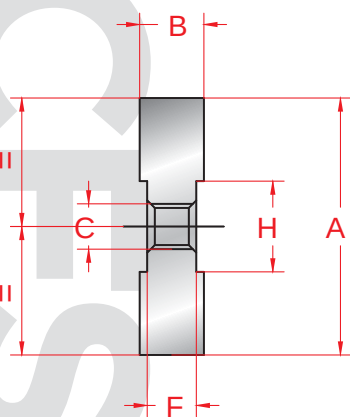
mod. 2000



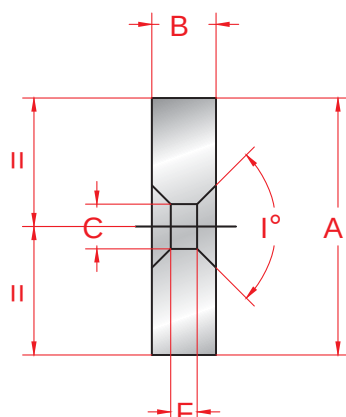
mod. 2001



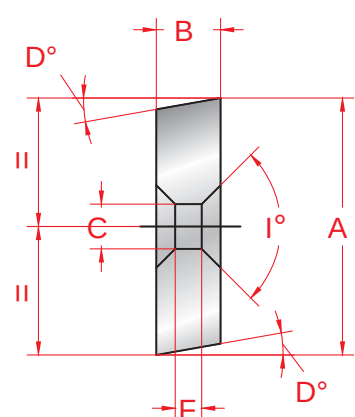
mod. 2002



mod. 2003

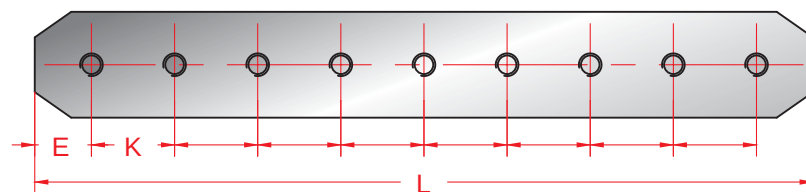


mod. 2004

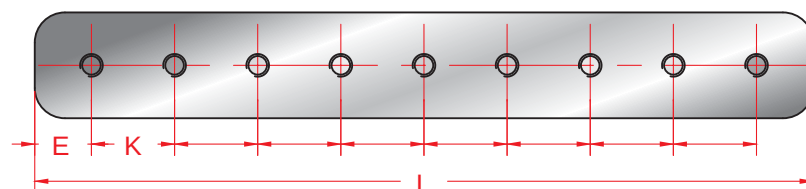


mod. 2005

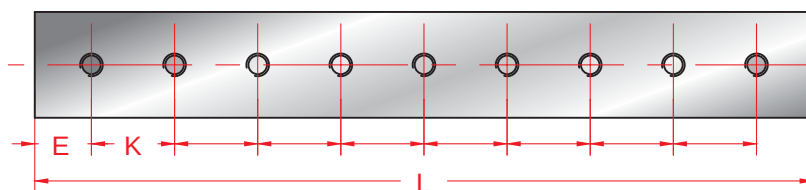
PROFILO 1
PROFILE 1



PROFILO 2
PROFILE 2



PROFILO 3
PROFILE 3



ARMADI PORTA UTENSILI / TOOLING CABINETS

nuovo
new

CODICE CODE	STILE STYLE	ANTE DRAWERS	LUNGHEZZA LENGTH (mm)
ACARM0NE0003	Amada	3	835
ACARM1NE0003	Trumpf / Wila / Bystronic / LVD	3	1100
ACARM2NE0003	Trumpf / Wila / Bystronic / LVD	3	550



CODICE CODE	STILE STYLE	ANTE DRAWERS	LUNGHEZZA LENGTH (mm)
ACARM0NE0004	Amada	4	835
ACARM1NE0004	Trumpf / Wila / Bystronic / LVD	4	1100
ACARM2NE0004	Trumpf / Wila / Bystronic / LVD	4	550



CODICE CODE	STILE STYLE	ANTE DRAWERS	LUNGHEZZA LENGTH (mm)
ACARM0NE0005	Amada	5	835
ACARM1NE0005	Trumpf / Wila / Bystronic / LVD	5	1100
ACARM2NE0005	Trumpf / Wila / Bystronic / LVD	5	550

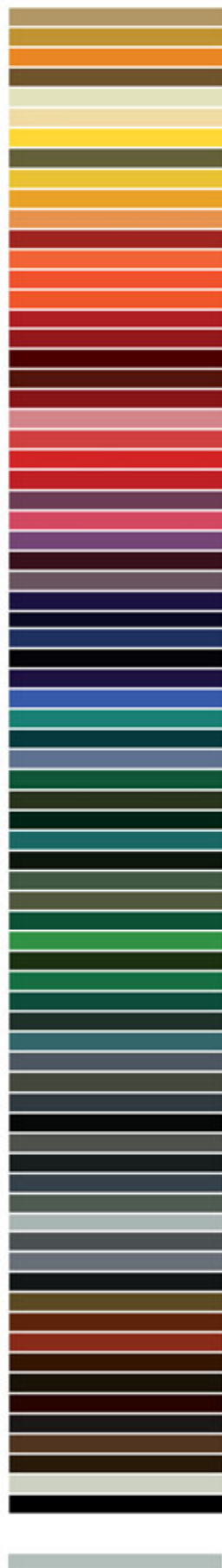


CODICE CODE	STILE STYLE	ANTE DRAWERS	LUNGHEZZA LENGTH (mm)
CARRELLO0005	Carrello mobile per utensili Amada 5 ripiani - L= 835 mm Mobile trolley for Amada tools 5 shelves - L= 835 mm		

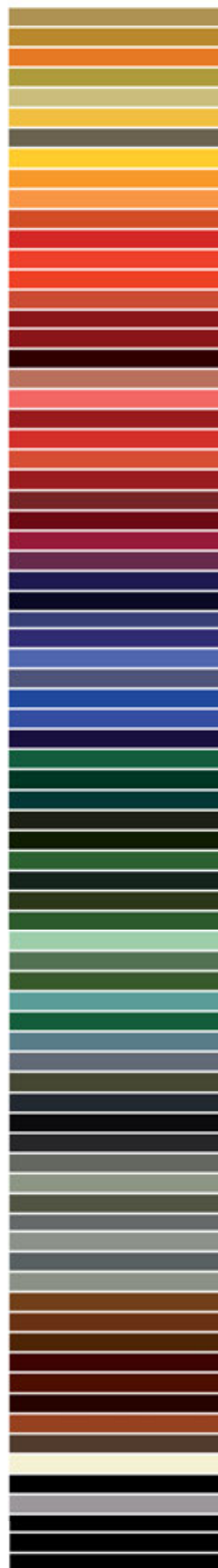
Colore standard: nero / Standard color: black

ARMADI PORTA UTENSILI / TOOLING CABINETS

RAL 1001
 RAL 1004
 RAL 1006
 RAL 1011
 RAL 1013
 RAL 1015
 RAL 1018
 RAL 1020
 RAL 1023
 RAL 1032
 RAL 1034
 RAL 2001
 RAL 2003
 RAL 2008
 RAL 2011
 RAL 3000
 RAL 3002
 RAL 3004
 RAL 3009
 RAL 3013
 RAL 3015
 RAL 3017
 RAL 3020
 RAL 3027
 RAL 4001
 RAL 4003
 RAL 4005
 RAL 4007
 RAL 4009
 RAL 5002
 RAL 5004
 RAL 5009
 RAL 5011
 RAL 5013
 RAL 5015
 RAL 5018
 RAL 5020
 RAL 5024
 RAL 6001
 RAL 6003
 RAL 6005
 RAL 5021
 RAL 6009
 RAL 6011
 RAL 6013
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 RAL 6018
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 RAL 6024
 RAL 6026
 RAL 6028
 RAL 6033
 RAL 7000
 RAL 7003
 RAL 7011
 RAL 7016
 RAL 7023
 RAL 7026
 RAL 7031
 RAL 7033
 RAL 7035
 RAL 7037
 RAL 7040
 RAL 7043
 RAL 8000
 RAL 8002
 RAL 8004
 RAL 8011
 RAL 8014
 RAL 8016
 RAL 8019
 RAL 8024
 RAL 8028
 RAL 9002
 RAL 9005
 RAL 9010
 RAL 9016
 RAL 9018



RAL 1002
 RAL 1005
 RAL 1007
 RAL 1012
 RAL 1014
 RAL 1017
 RAL 1019
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 RAL 1028
 RAL 1033
 RAL 2000
 RAL 2002
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 RAL 2009
 RAL 2012
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 RAL 9006
 RAL 9011
 RAL 9017



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UTENSILI E ATTREZZATURE PER PRESSE PIEGATRICI

TECNOLOGIA ITALIANA PER RISULTATI D'ECCELLENZA



CERCA L'UTENSILE



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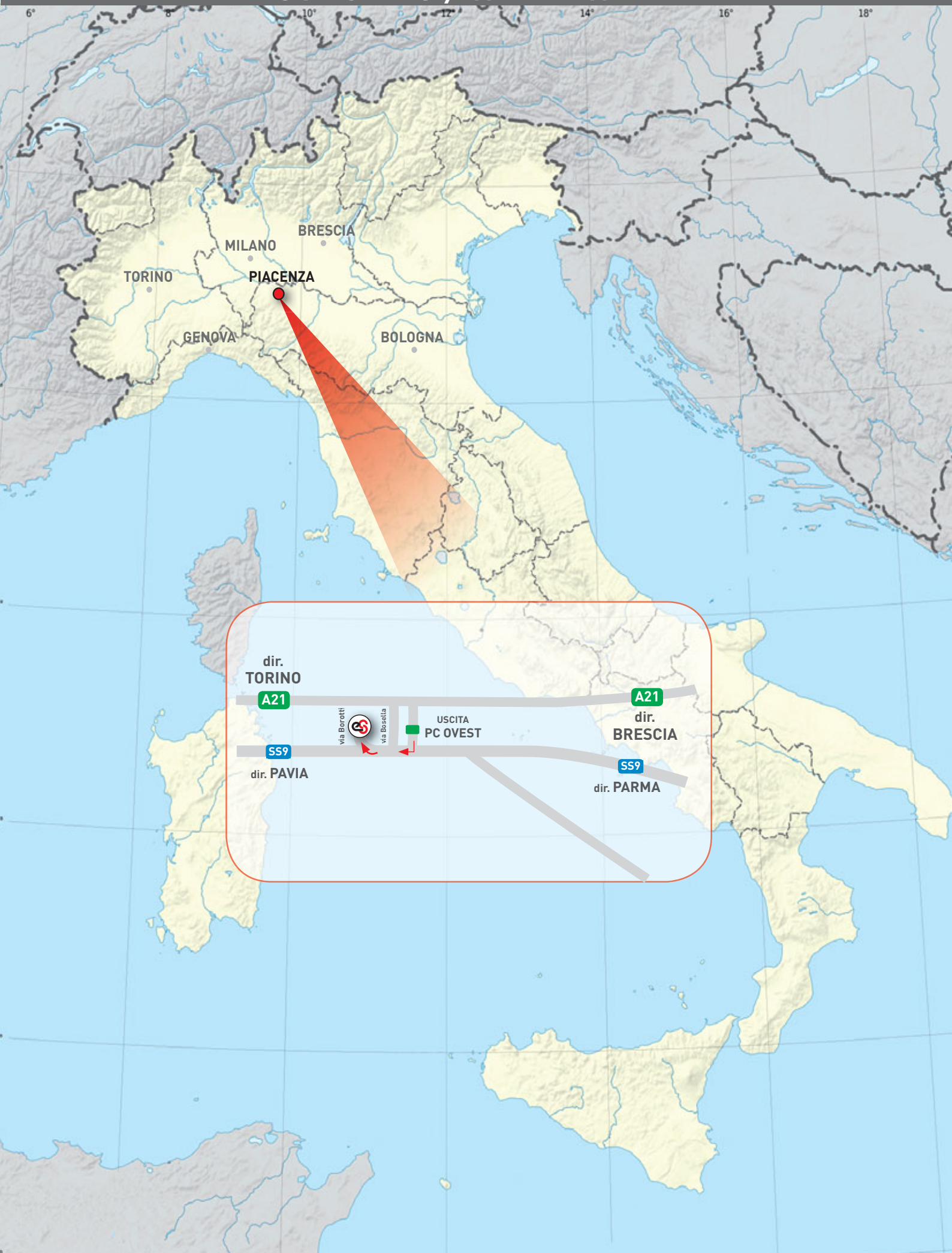
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