ROLLERI

www.rolleritools.com

01
2012

THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

IQNet and its partner
CISQ/ICIM
hereby certify that the organization

ROLLERI S.p.A.
Via Artigiani, 18 - Loc. Cabina - I-29020 Vigolzone (PC)

for the following field of activities

Trade, design and production of press brake tools and machine tool leveling supports. Mechanical machining on customer's design.

has implemented and maintains a
Quality Management System
which fulfills the requirements of the following standard

ISO 9001:2008

Issued on: 2010-09-07
Validity date: 2012-01-28
Registration Number: IT-7767

René Wasmer
President of IQNET

Gianrenzo Pratt
President of CISQ

IQNet partners*:
AENOR *Spain* AFAQ AFNOR *France* AIB-Vinçotte International *Belgium* ANCE *Mexico* APCER *Portugal* CISQ *Italy* CQC *China* CQM *China* CQS *Czech Republic* Cro Cert *Croatia* DQS *Germany* DS *Denmark* ELOT *Greece* FCAV *Brazil* FONDONORMA *Venezuela* HKQAA *Hong Kong China* ICONTEC *Colombia* IMNC *Mexico* Inspecta Certification *Finland* IRAM *Argentina* JQA *Japan* KFQ *Korea* MIRT *Hungary* Nemko AS *Norway* NSAI *Ireland* PCBC *Poland* QMI *Canada* Quality Austria *Austria* RR *Russia* SAI Global *Australia* SII *Israel* SIQ *Slovenia* SIRIM QAS International *Malaysia* SQS *Switzerland* SRAC *Romania* TEST St Petersburg *Russia* TUQS *Serbia*

IQNet is represented in the USA by: AFAQ AFNOR, AIB-Vinçotte International, CISQ, DQS, NSAI Inc., QMI and SAI Global.
*The list of IQNet partners is valid at the time of issue of this certificate. Updated information is available under www.iqnet-certification.com

CISQ is a member of IQNet

ICIM
www.icim.it

CERTIFICATO n.
CERTIFICATE No. 1269/3

SI CERTIFICA CHE IL SISTEMA DI GESTIONE PER LA QUALITA' DI
WE HEREBY CERTIFY THAT THE QUALITY MANAGEMENT SYSTEM OPERATED BY

ROLLERI S.p.A.

UNITA' OPERATIVE
OPERATIVE UNITS
Via Artigiani, 18 - Loc. Cabina - 29020 Vigolzone (PC)
Italia

E' CONFORME ALLA NORMA
IS IN COMPLIANCE WITH THE STANDARD

UNI EN ISO 9001:2008

PER LE SEGUENTI ATTIVITA'
FOR THE FOLLOWING ACTIVITIES

EA: 17

Commercializzazione, progettazione e produzione di utensili per presse piegatrici e supporti di livellamento per macchine utensili. Lavorazioni meccaniche su disegno del cliente.
Trade, design and production of press brake tools and machine tool leveling supports. Mechanical machining on customer's design.

Data emissione
First issue
20/05/1999

Emissione corrente
Current issue
07/09/2010

Data di scadenza
Expiry date
28/01/2012

ICIM S.p.A.

ACCREDIA

CISQ

Legenda / Legend / Legende / Leyenda
Условные обозначения

ESCLUSIVA ROLLERI
EXCLUSIVE TO ROLLERI
EXKLUSIV BEI ROLLERI
EXCLUSIVA ROLLERI
ΑΠΟΚΛΕΙΣΤΙΚΑ ΣΤΗ ROLLERI
ЭКСКЛЮЗИВНЫЙ ПРОДУКТ ROLLERI
诺雷力专利产品

RICHIAMO DI PAGINA
BACK OVER OF THE PAGE
SEITENANGABE
CONSULTAR PAGINA
RECLAMO DA PÁGINA
ΔΕΣ ΣΕΛ
СМОТРИТЕ СТРАНИЦУ №
页码提示

(2)

PRODOTTO FORNITO A COPPIE
PRODUCT PROVIDED TO COUPLE
ZWEITEILIG
PRODUCTO VENDIDO EN PARES
PRODUTO VENDIDO EM COPIA
ΠΡΟΪΟΝ ΤΟ ΟΠΟΙΟ ΠΑΡΕΧΕΤΑΙ ΣΕ ΖΕΥΓΟΣ
ПРОДУКТ ПОСТАВЛЯЕТСЯ ПАРАМИ
成对供货产品

LUNGHEZZA PRODOTTO
LENGTH OF THE PRODUCT
PRODUKTLÄNGE
LARGO DEL PRODUCTO
COMPRIMENTO PRODUCTO
ΜΗΚΟΣ ΠΡΟΪΟΝΤΟΣ
ДЛИНА ИНСТРУМЕНТА
产品长度

TEMPRA A INDUZIONE SULLE PARTI USURABILI
INDUCTION HARDENING ON THE WORKING AREAS
INDUKTIVGEHÄRTETE ARBEITSFLÄCHEN
TEMPLADO POR INDUCCIÓN SOBRE LAS ÁREAS DE TRABAJO
TÊMPERA A INDUÇÃO
ΕΠΙΣΚΛΗΡΥΝΣΗ ΠΡΟΪΟΝΤΟΣ ΣΤΑ ΣΗΜΕΙΑ ΕΠΑΦΗΣ
ИНДУКЦИОННАЯ ЗАКАЛКА РАБОЧИХ ПОВЕРХНОСТЕЙ
部份电磁感应淬火

TEMPRA TOTALE
TOTAL HARDENED
DURCHGEHÄRTET
TEMPLADO TOTAL
TÊMPERA TOTAL
ΠΛΗΡΗΣ ΕΠΙΣΚΛΗΡΥΝΣΗ
ОБЪЕМНАЯ ЗАКАЛКА
整体淬火

PRODOTTO FORNIBILE SU RICHIESTA CON DIMENSIONI INDICATE DAL CLIENTE
PRODUCT PROVIDABLE ON REQUEST WITH DIMENSIONS INDICATED BY THE CUSTOMER
AUF MAß LIEFERBAR
PRODUTO CONFORME COM MEDIDAS SOLICITADAS DO CLIENTE
PRODUCTO DISPONIBLE A PEDIDO CON DIMENSIONES ACORDADAS CON EL CLIENTE
ΡΟΪΟΝ ΤΟ ΟΠΟΙΟ ΠΑΡΕΧΕΤΑΙ ΣΕ ΔΙΑΣΤΑΣΕΙΣ ΚΑΘΟΡΙΣΜΕΝΕΣ ΑΠΟ ΤΟΝ ΠΕΛΑΤΗ
ВОЗМОЖНО ИЗГОТОВЛЕНИЕ ПО РАЗМЕРАМ ЗАКАЗЧИКА
可根据客户定制尺寸的产品

UTENSILE NON FRAZIONABILE
SECTIONED NOT AVAILABLE
UNTERTEILUNG IN KURZE TEILLÄNGEN NICHT MÖGLICH
UTILLAJE NO FRACIONABLE
UTENSILÍO NÃO FRACCIONAVEL
ΜΗ ΔΙΑΘΕΣΙΜΗ ΔΙΑΙΡΟΥΜΕΝΗ ΕΚΔΟΣΗ
СЕКЦИОНИРОВАНИЕ НЕВОЗМОЖНО
不可分段的刀具模具

LUNGHEZZA DISPONIBILE
LENGTH AVAILABLE
KÜRZESTE TEILLÄNGE
LARGURA DISPONIBLE
COMPRIMENTO DISPONIVEL
ΔΙΑΘΕΣΙΜΟ ΜΗΚΟΣ
ДОСТУПНАЯ ДЛИНА
可提供的分段刀具模具的起始长度

LUNGHEZZA NON DISPONIBILE
LENGTH NOT AVAILABLE
KURZE TEILLÄNGE NICHT LIEFERBAR
LARGURA NO DISPONIBLE
COMPRIMENTO NÃO DISPONIVEL
ΜΗ ΔΙΑΘΕΣΙΜΟ ΜΗΚΟΣ
ДЛИНА ОТСУТСТВУЕТ
无法提供的分段刀具模具的长度

ROL5 System

ROL5
Manual

ROL5 PN
Pneumatic

ROL4 System

ROL4
Manual

ROL4 HYD
Hydraulic

C45 560-710 N/mm² 42Cr 900-1150 N/mm²

ROL1 System

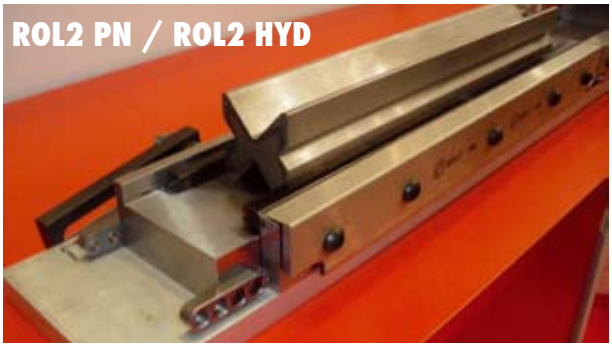
ROL1 PN
Pneumatic

ROL1 HYD
Hydraulic

ROL1

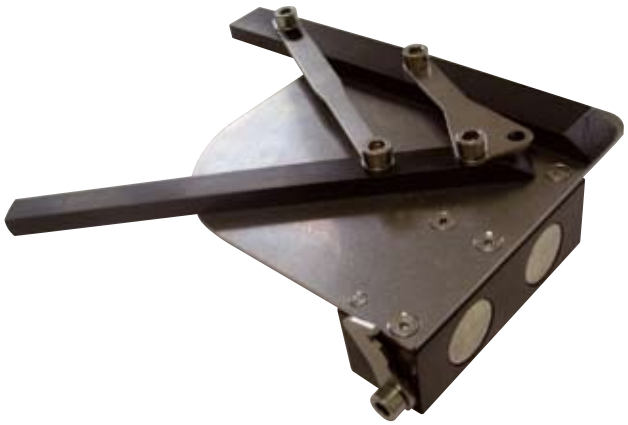
ROL1 KDS

ROL2 System



ROL6

MSA - MAGNETIC SQUARING ARM WITH ANGLE ATTACHMENT



MSA .D =	MAGNETIC SQUARING ARM RIGHT HAND SIDE
MSA .S =	MAGNETIC SQUARING ARM LEFT HAND SIDE

HYDRAULIC CLAMPING

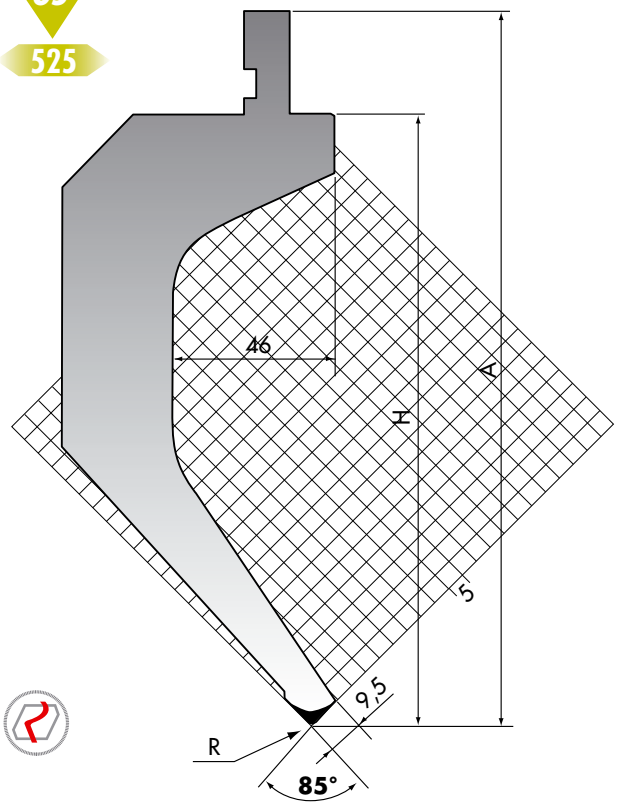
BLACKFIRE

TOOLS FOR PANELLING MACHINE

HRc 54-60 (1980->2200 N/mm²)

TOP.205-85-R08/R2 — 42Cr

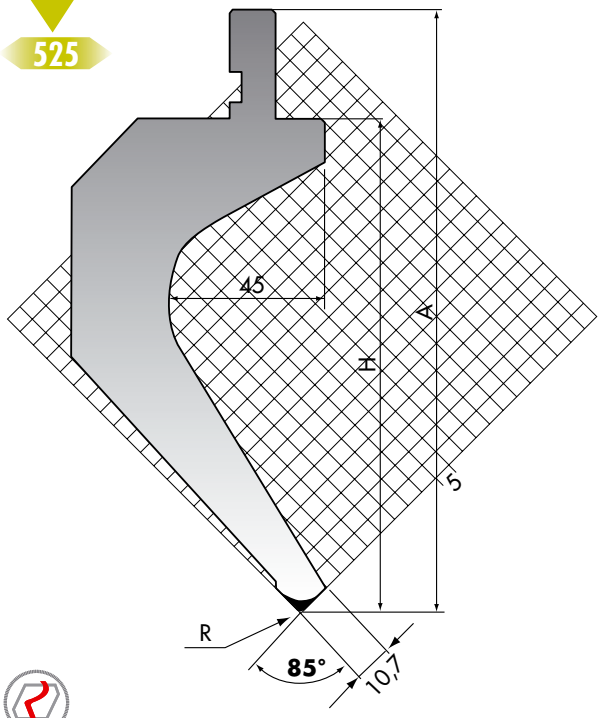
85° — 525



	H mm	A mm	R mm	max t/m
TOP.205-85-R08	175	205	0,8	70
TOP.205-85-R2	174,3	204,3	2	70

TOP.175-85-R08/R2 — 42Cr

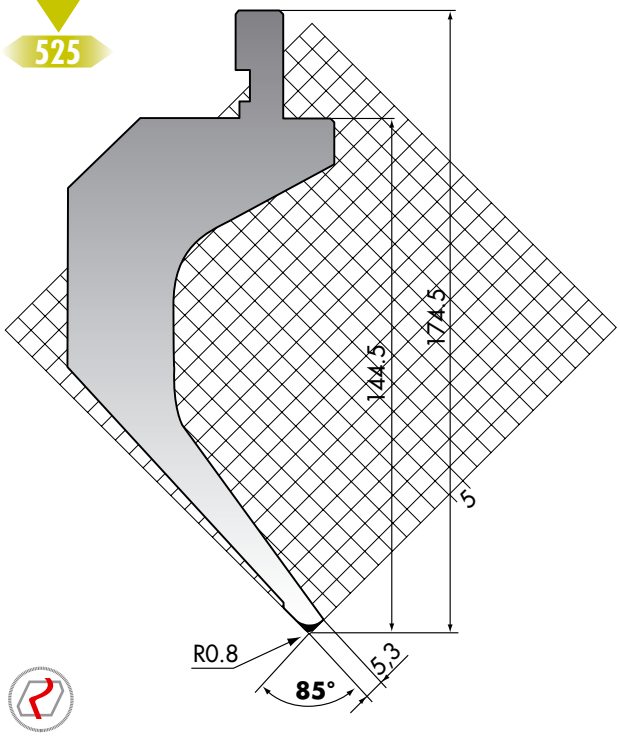
85° — 525



	H mm	A mm	R mm	max t/m
TOP.175-85-R08	145	175	0,8	90
TOP.175-85-R2	144,3	174,3	2	90

TOP.175-85-R08-S — 42Cr

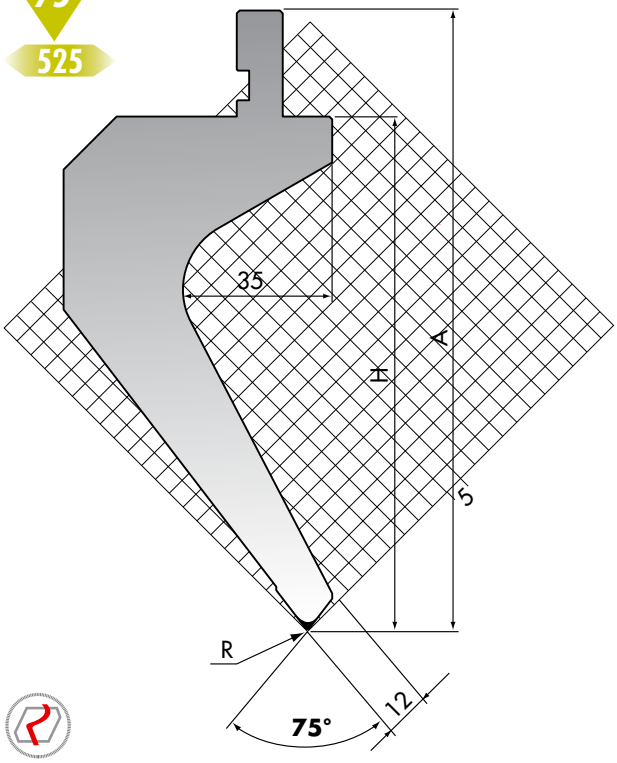
85° — 525



	max t/m
TOP.175-85-R08-S	20

TOP.175-75-R08/R2 — 42Cr

75° — 525



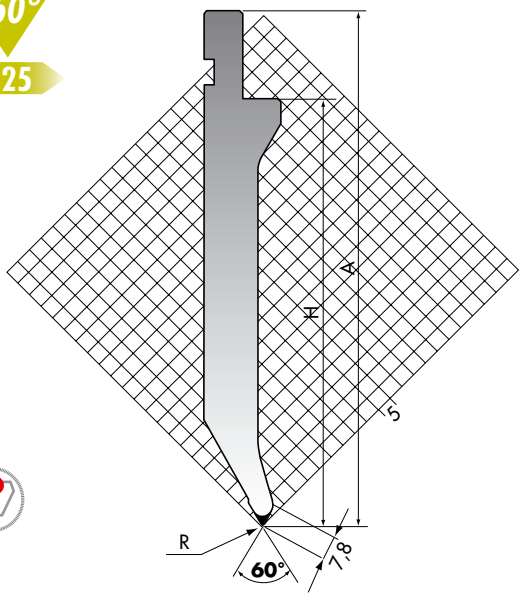
	H mm	A mm	R mm	max t/m
TOP.175-75-R08	145	175	0,8	75
TOP.175-75-R2	144,2	174,2	2	75

PROMECAM-AMADA TYPE

HRc 54-60 (1980->2200 N/mm²)

TOP.175-60-R08/R2 — 42Cr

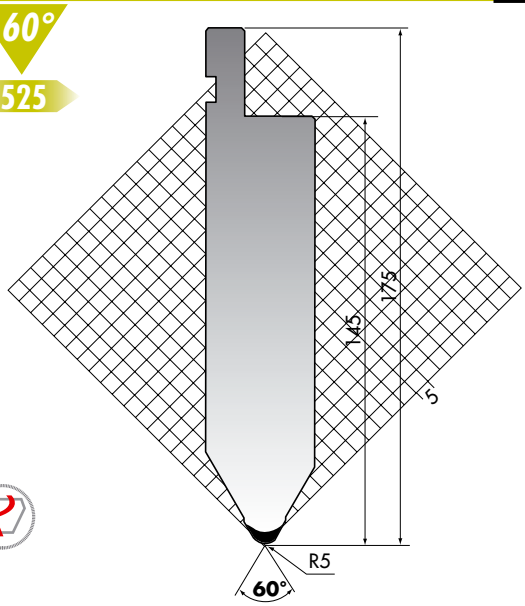
60° — 525



	H mm	A mm	R mm	max t/m
TOP.175-60-R08	145	175	0,8	80
TOP.175-60-R2	143,8	173,8	2	80

TOP.175-60-R5 — 42Cr

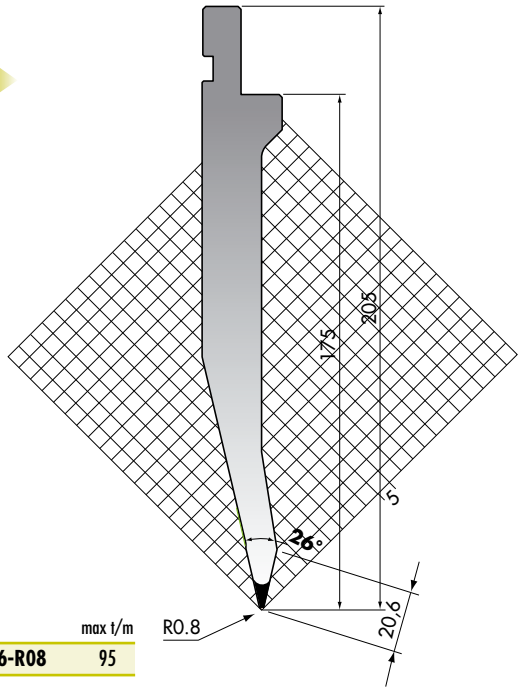
60° — 525



	max t/m
TOP.175-60-R5	160

TOP.205-26-R08 — 42Cr

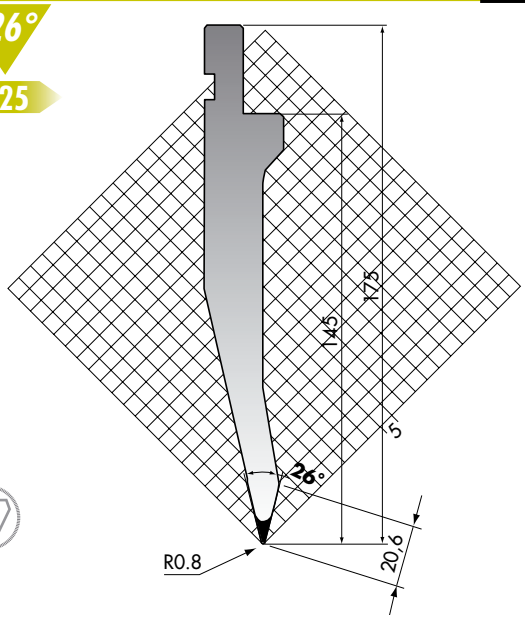
26° — 525



	max t/m
TOP.205-26-R08	95

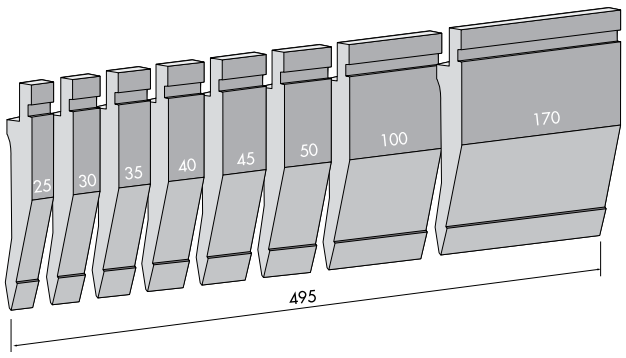
TOP.175-26-R08 — 42Cr

26° — 525

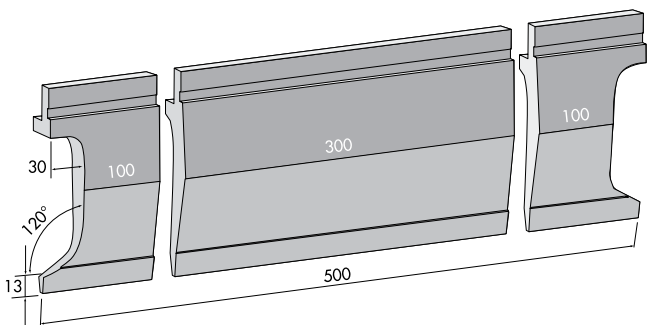


	max t/m
TOP.175-26-R08	95

TOP



TOP...../FA



TOP...../FB

C45 560-710 N/mm² 42Cr 900-1150 N/mm²

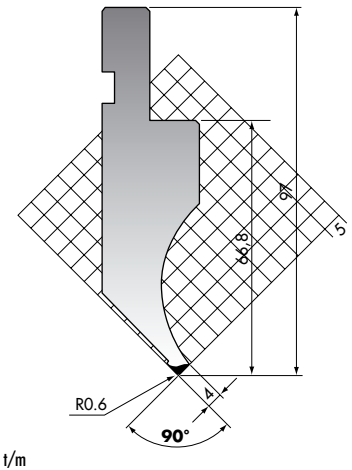
PROMECAM-AMADA TYPE

HRc 54-60 (1980->2200 N/mm²)

PK.97-90-R06 — 42Cr

90°

835

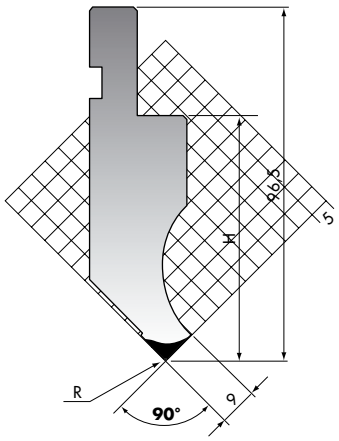


	max t/m
PK.97-90-R06	35

PK.97-90-R08 PK.97-90-R025 — C45

90°

835

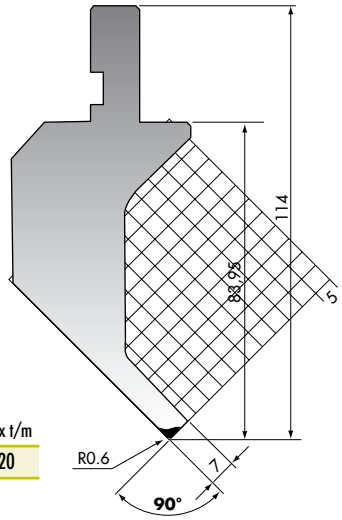


	H mm	R mm	max t/m
PK.97-90-R08	66,35	0,8	100
PK.97-90-R025	66,6	0,25	100

PK.114-90-R06 — 42Cr

90°

835

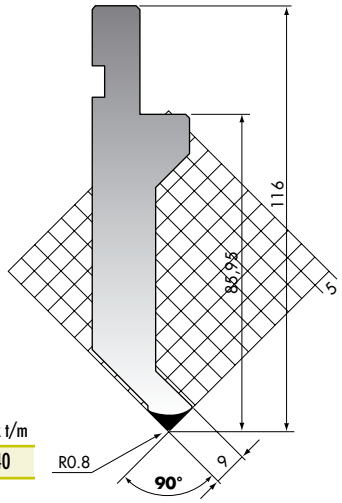


	max t/m
PK.114-90-R06	20

PK.116-90-R08 — C45

90°

835

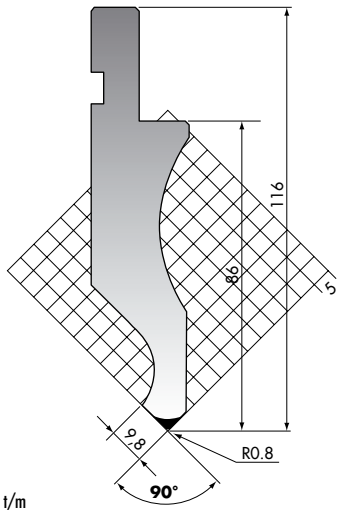


	max t/m
PK.116-90-R08	40

DK.116-90-R08 — C45

90°

835

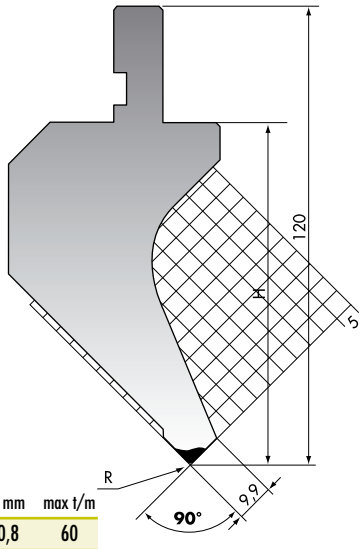


	max t/m
DK.116-90-R08	50

PK.120-90-R08 PK.120-90-R025 — C45

90°

835



	H mm	R mm	max t/m
PK.120-90-R08	89,35	0,8	60
PK.120-90-R025	89,6	0,25	60

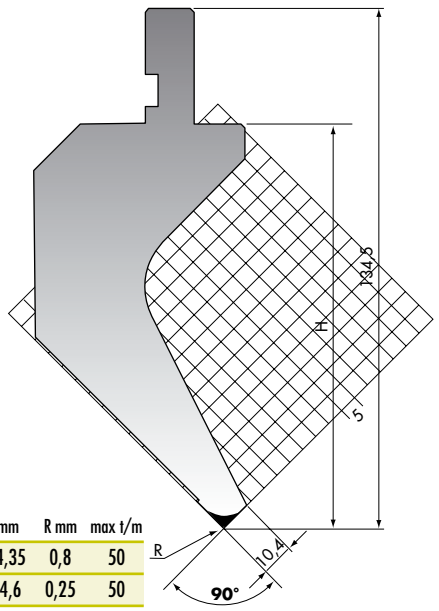
PROMECAM-AMADA TYPE

HRc 54-60 (1980->2200 N/mm²)

PK.135-90-R08 PK.135-90-R025 — C45

90°

835

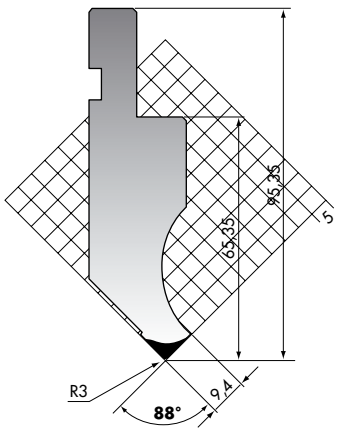


	H mm	R mm	max t/m
PK.135-90-R08	104,35	0,8	50
PK.135-90-R025	104,6	0,25	50

P.95-88-R3 — C45

88°

835



	max t/m
P.95-88-R3	100

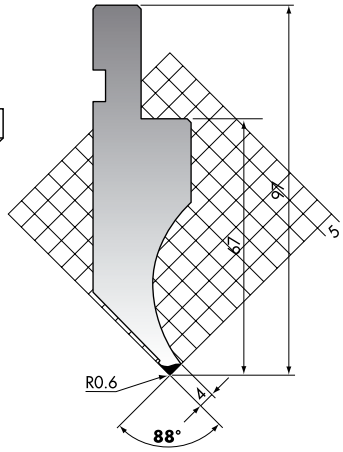
P.97-88-R06 — 42Cr

88°

835

900

33



	R mm	max t/m
P.97-88-R06	0,6	35

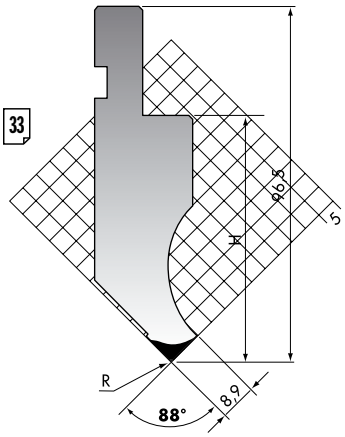
P.97-88-R08 PK.97-88-R025 — C45

88°

835

900

33

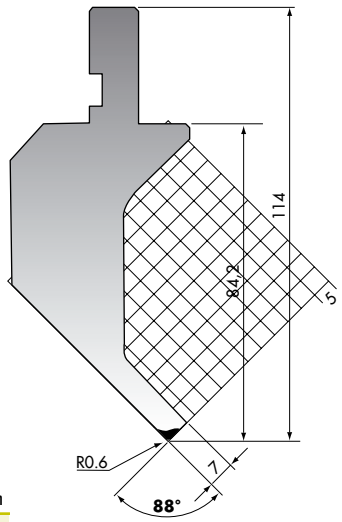


	H mm	R mm	max t/m
P.97-88-R08	66,65	0,8	100
PK.97-88-R025	66,6	0,25	100

P.114-88-R06 — 42Cr

88°

835

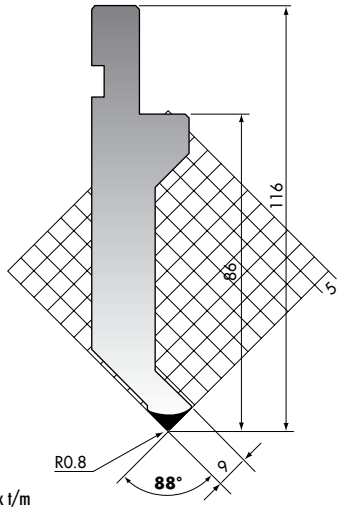


	max t/m
P.114-88-R06	20

P.116-88-R08 — C45

88°

835



	max t/m
P.116-88-R08	40

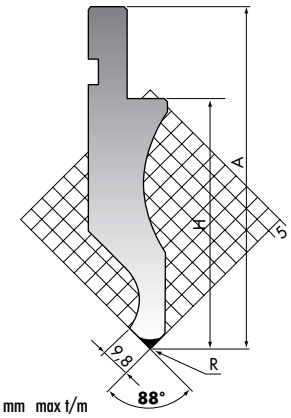
C45 560-710 N/mm²

42Cr 900-1150 N/mm²

HRc 54-60 (1980->2200 N/mm²)

D.116-88-R08 D.116-88-R3 — C45

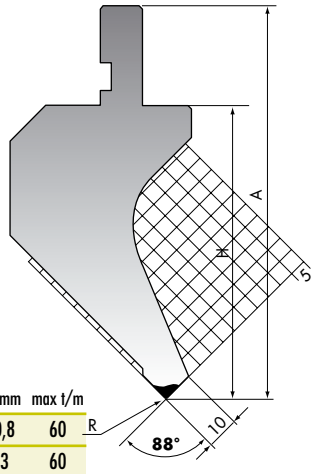
88° — 835



	H mm	A mm	R mm	max t/m
D.116-88-R08	86	116	0,8	50
D.116-88-R3	85	115	3	50

P.120-88-R08 ÷ PK.120-88-R025 — C45

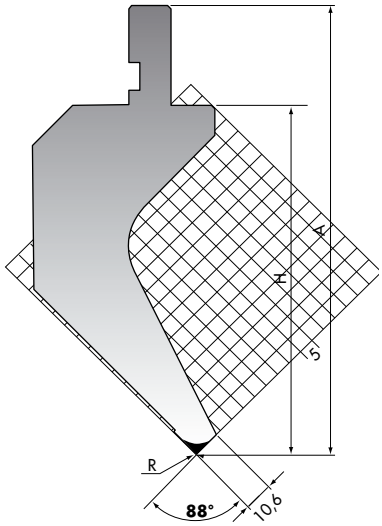
88° — 835



	H mm	A mm	R mm	max t/m
P.120-88-R08	89,65	120	0,8	60
P.120-88-R3	88,5	118,5	3	60
PK.120-88-R025	89,6	120	0,25	60

P.135-88-R08 ÷ PK.135-88-R025 — C45

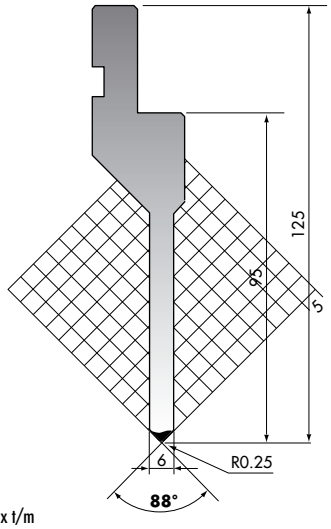
88° — 835



	H mm	A mm	R mm	max t/m
P.135-88-R08	104,65	134,5	0,8	50
P.135-88-R3	103,4	133,4	3	50
PK.135-88-R025	104,6	134,5	0,25	50

P.125-88-R025 — 42Cr

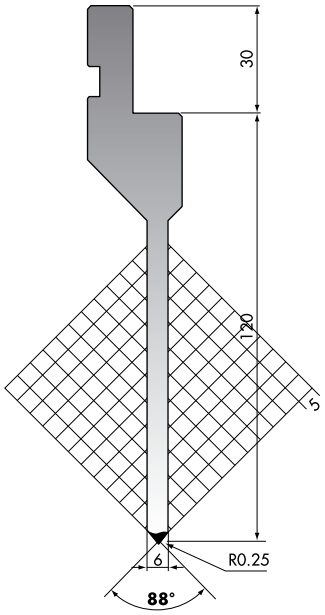
88° — 835



	max t/m
P.125-88-R025	50

P.150.88.R025-L — 42Cr

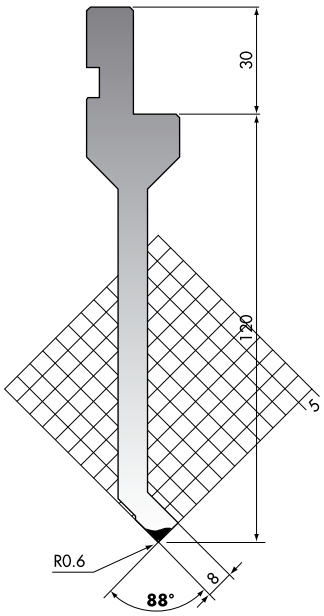
88° — 900



	max t/m
P.150-88-R025-L	50

P.150.88.R06-L — 42Cr

88° — 900



	max t/m
P.150-88-R06-L	35

PROMECAM-AMADA TYPE

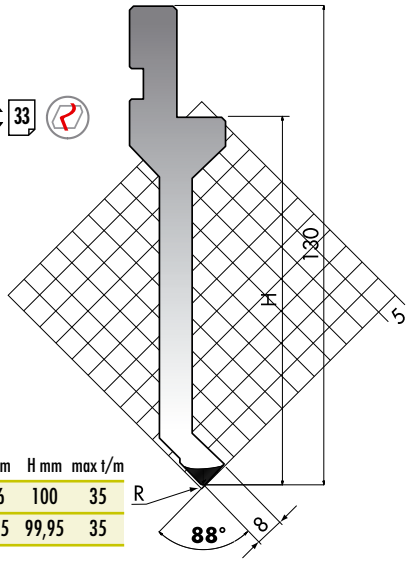
HRc 54-60 (1980->2200 N/mm²)

P.130-88-R06 PK.130-88-025 — 42Cr

88°

835

900

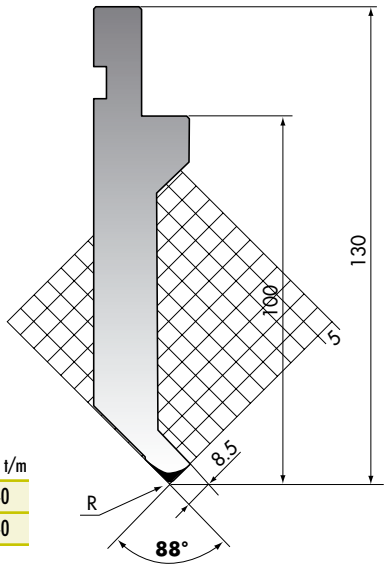


	R mm	H mm	max t/m
P.130-88-R06	0,6	100	35
PK.130-88-R025	0,25	99,95	35

P.130-88-R08 P.130-88-R025 — C45

88°

835

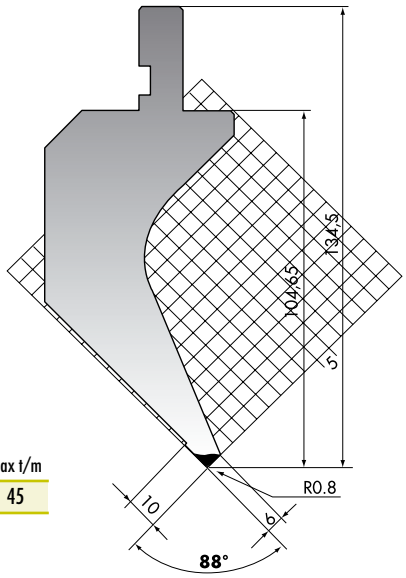


	R mm	max t/m
P.130-88-R08	0,8	40
P.130-88-R025	0,25	40

PS.135-88-R08 — C45

88°

835

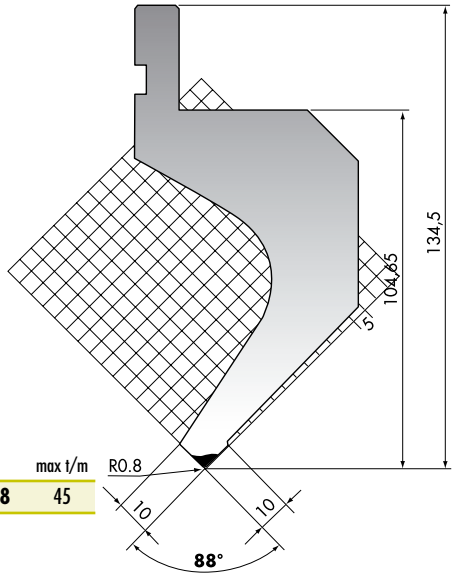


	max t/m
PS.135-88-R08	45

PR.135-88-R08 — C45

88°

835



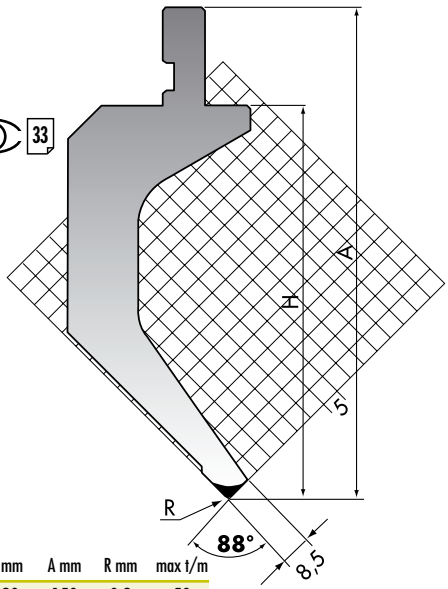
	max t/m
PR.135-88-R08	45

P.150-88-R08/R3 — 42Cr

88°

835

900

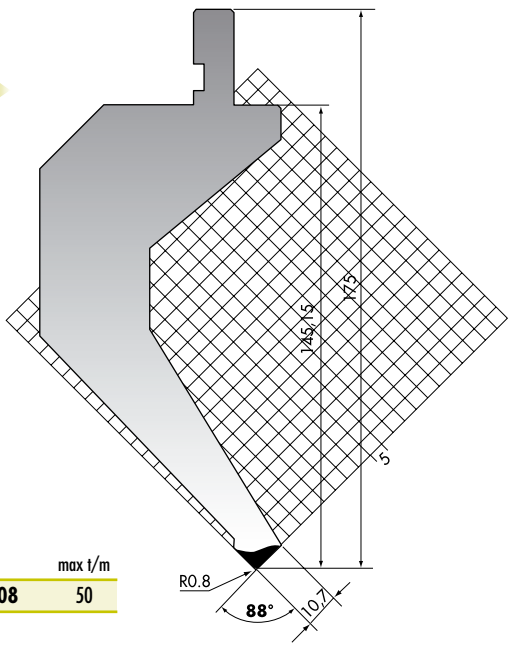


	H mm	A mm	R mm	max t/m
P.150-88-R08	120	150	0,8	50
P.150-88-R3	119	149	3	50

P.175-88-R08 — C45

88°

835



	max t/m
P.175-88-R08	50

C45 560-710 N/mm²

42Cr 900-1150 N/mm²

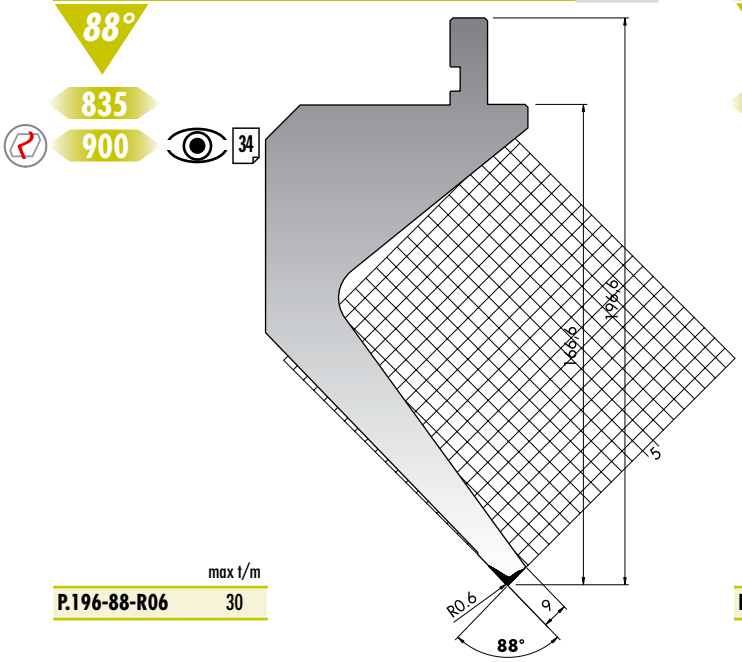
HRc 54-60 (1980->2200 N/mm²)

P.196-88-R06 — C45

88°

835

900

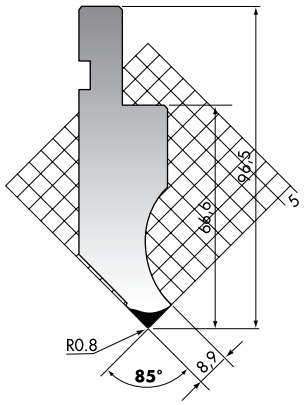


	max t/m
P.196-88-R06	30

P.97-85-R08 — C45

85°

835

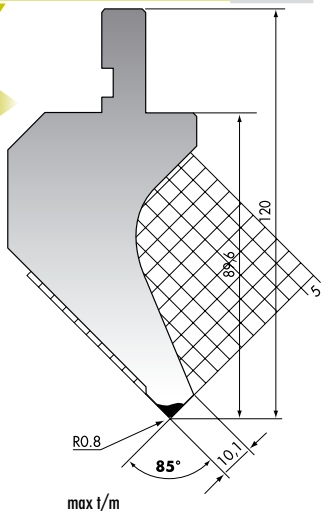


	max t/m
P.97-85-R08	100

PK.120-85-R08 — C45

85°

835

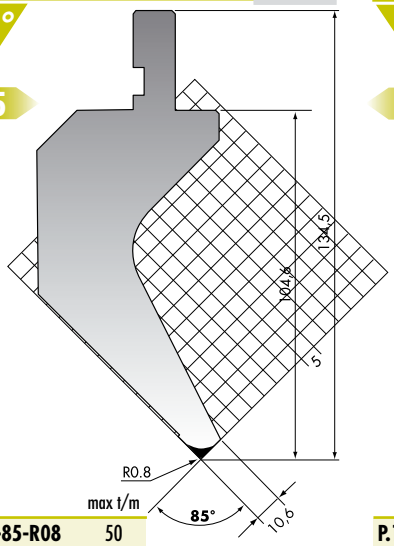


	max t/m
PK.120-85-R08	60

PK.135-85-R08 — C45

85°

835

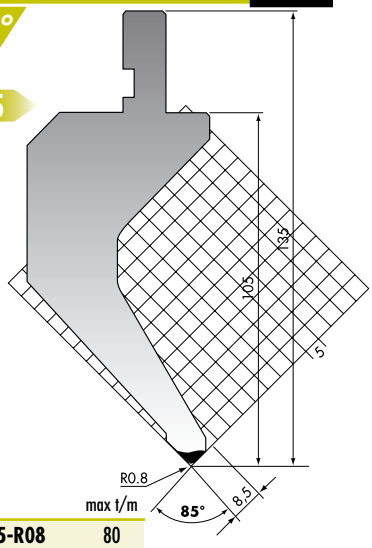


	max t/m
PK.135-85-R08	50

P.135-85-R08 — 42Cr

85°

835

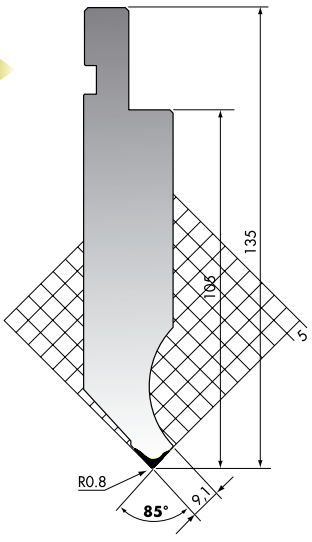


	max t/m
P.135-85-R08	80

PS.135-85-R08 — C45

85°

835

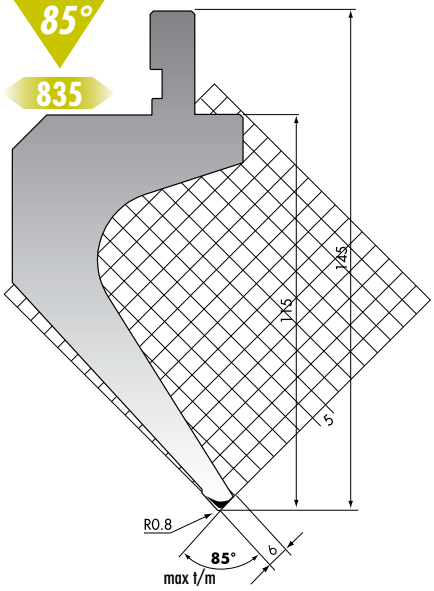


	max t/m
PS.135-85-R08	100

P.145-85-R08 — 42Cr

85°

835

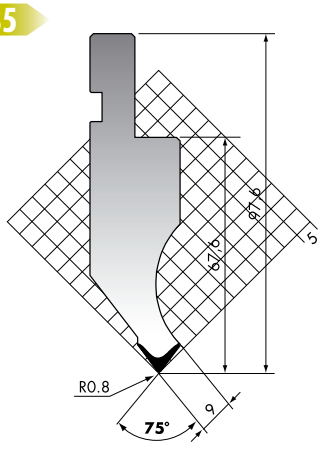


	max t/m
P.145-85-R08	60

P.97-75-R08 — 42Cr

75°

835



	max t/m
P.97-75-R08	100

C45 560-710 N/mm²

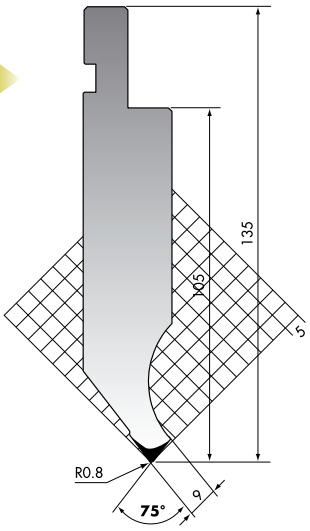
42Cr 900-1150 N/mm²

PROMECAM-AMADA TYPE

HRc 54-60 (1980->2200 N/mm²)

P.135-75-R08 — 42Cr

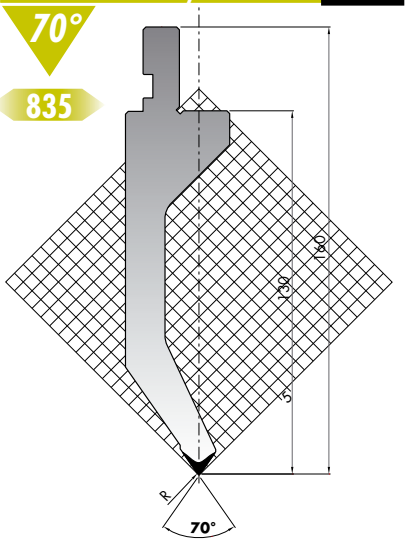
75° | 835



	max t/m
P.135-75-R08	100

P.160-70-R08 / R3 — 42Cr

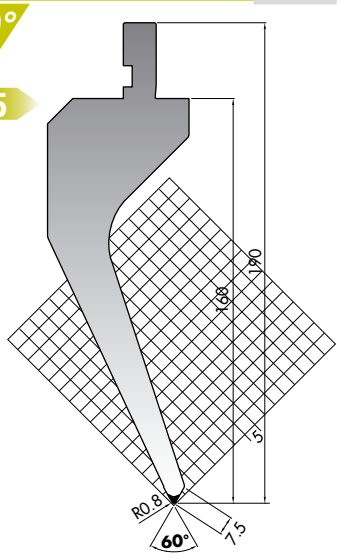
70° | 835



	R mm	max t/m
P.160-70-R08	0,8	45
P.160-70-R3	3	45

P.190-60-R08 — C45

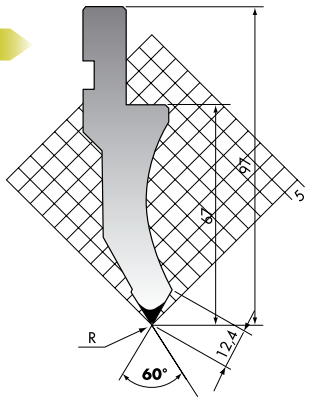
60° | 835



	max t/m
P.190-60-R08	40

P.97-60-R08 P.97-60-R2 — C45

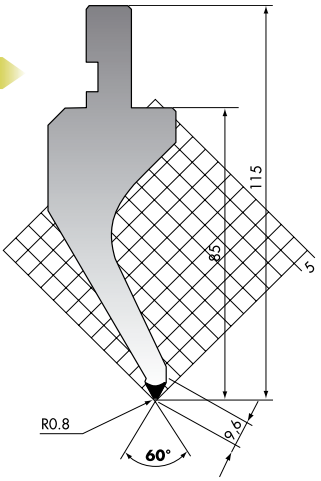
60° | 835



	R mm	max t/m
P.97-60-R08	0,8	60
P.97-60-R2	2	60

P.115-60-R08 — 42Cr

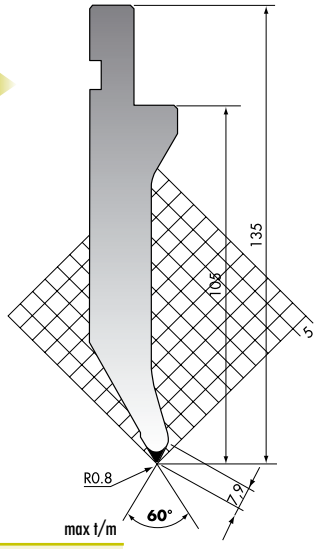
60° | 835



	max t/m
P.115-60-R08	40

P.135-60-R08 — 42Cr

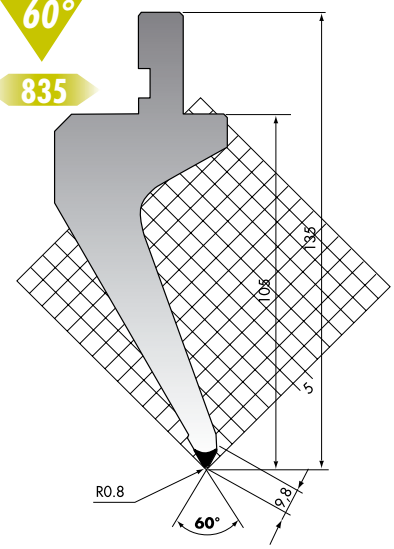
60° | 835



	max t/m
P.135-60-R08	80

PG.135-60-R08 — 42Cr

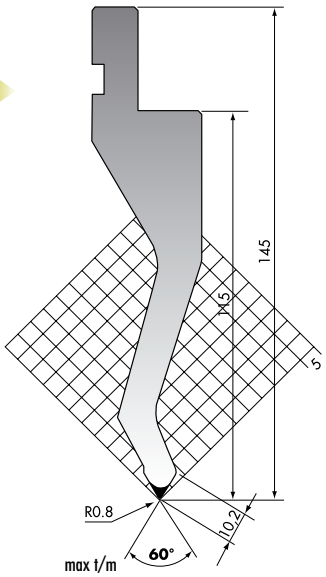
60° | 835



	max t/m
PG.135-60-R08	70

P.145-60-R08 — 42Cr

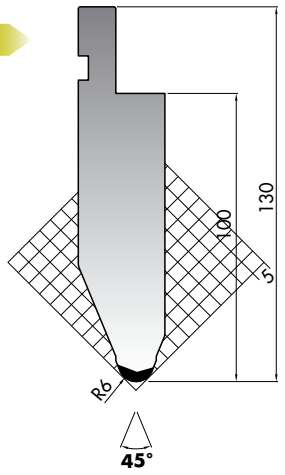
60° | 835



	max t/m
P.145-60-R08	70

P.130-45-R6 — C45

45° | 835



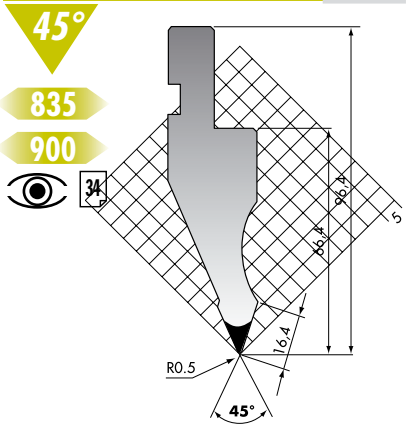
	max t/m
P.130-45-R6	100

C45 560-710 N/mm² 42Cr 900-1150 N/mm²

HRc 54-60 (1980->2200 N/mm²)

P.97-45-R05 — C45

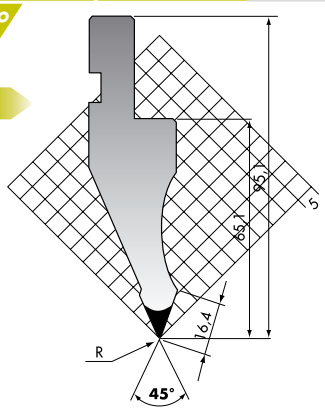
45° | 835 | 900



	max t/m
P.97-45-R05	80

P.95-45-R08/R15 — C45

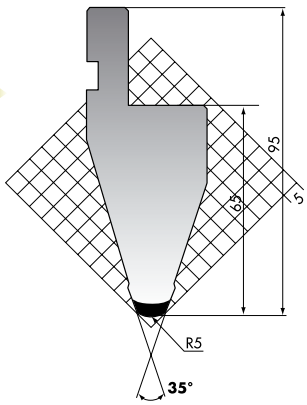
45° | 835



	R mm	max t/m
P.95-45-R08	0,8	80
P.95-45-R15	1,5	80

P.95-35-R5 — C45

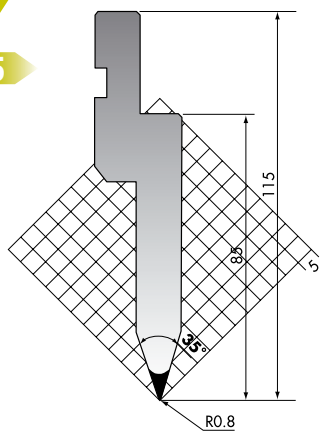
35° | 835



	max t/m
P.95-35-R5	100

PU.85-35-R08 — C45

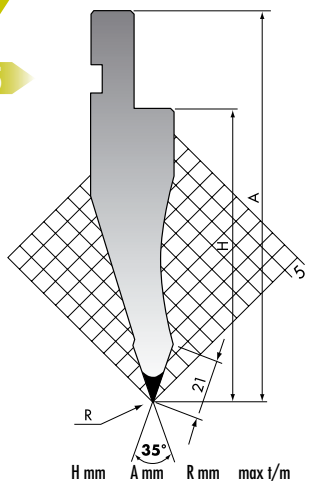
35° | 835



	max t/m
PU.85-35-R08	100

P.116-35-R08÷P.120-35-R3 — C45

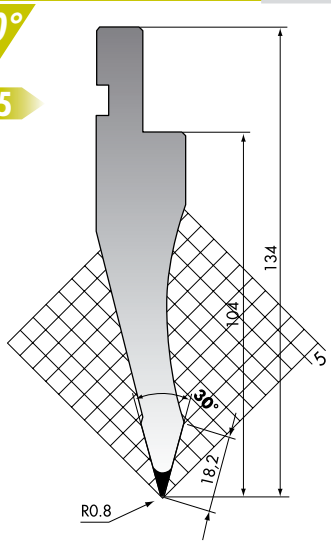
35° | 835



	H mm	A mm	R mm	max t/m
P.116-35-R08	86	116	0,8	70
P.116-35-R15	86	116	1,5	70
P.120-35-R08	90	120	0,8	70
P.120-35-R15	90	120	1,5	70
P.120-35-R3	90	120	3,0	70

PS.134-30-R08 — C45

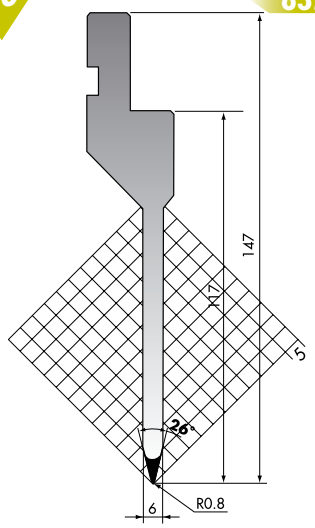
30° | 835



	max t/m
PS.134-30-R08	70

P.147-26-R08 — 42Cr

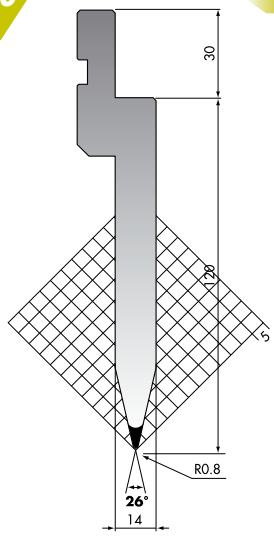
26° | 835



	max t/m
P.147-26-R08	50

PU.150-26-R08-L — C45

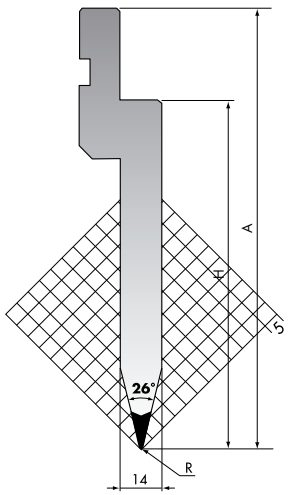
26° | 900



	max t/m
PU.150-26-R08-L	100

PU.117-26-R08/R3 — C45

26° | 835

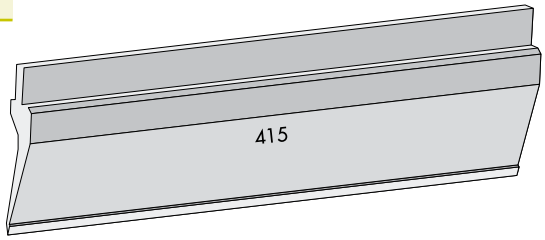


	R mm	H mm	A mm	max t/m
PU.117-26-R08	0,8	117	147	100
PU.117-26-R3	3	109	139	100

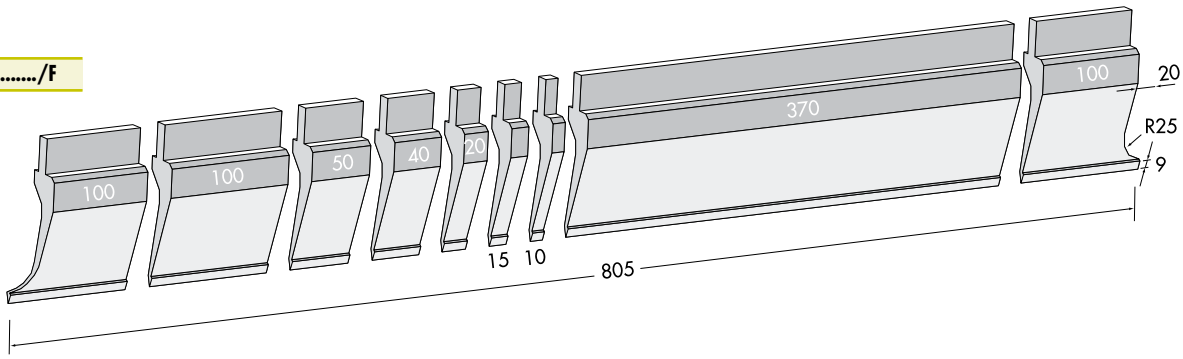
PROMECAM-AMADA TYPE

HRc 54-60 (1980->2200 N/mm²)

...../C

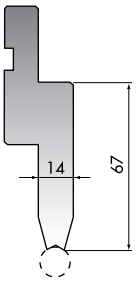


...../F



PU.67-14-S C45

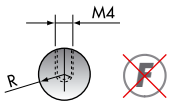
830



	max t/m
PU.67-14-S	40

C3 ÷ C7,5 C45

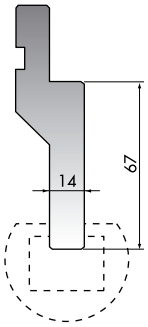
835



	R mm		R mm
C3	3	C5,5	5,5
C3,5	3,5	C6	6
C4	4	C6,5	6,5
C4,5	4,5	C7	7
C5	5	C7,5	7,5

PU.67-14 C45

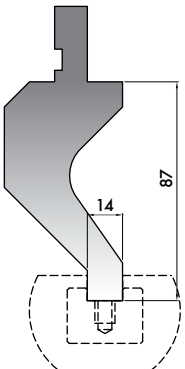
830



	max t/m
PU.67-14	80

PU.87-14 C45

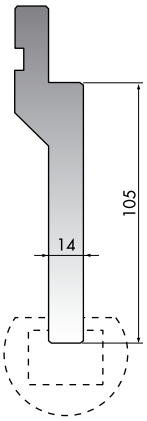
830



	max t/m
PU.87-14	80

PU.105-14 C45

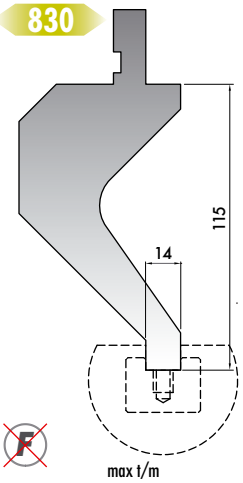
830



	max t/m
PU.105-14	80

PU.115-14 C45

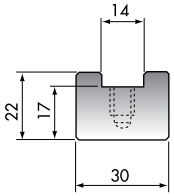
830



	max t/m
PU.115-14	80

E30-22 C45

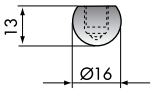
835



	max t/m
E30-22	80

C13-08 C45

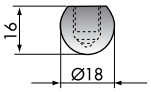
835



	max t/m
C13-08	80

C13-09 C45

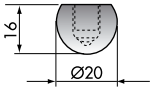
835



	max t/m
C13-09	80

C16-10 C45

835



	max t/m
C16-10	80

C45 560-710 N/mm²

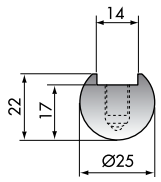
42Cr 900-1150 N/mm²

PROMECAM-AMADA TYPE

HRc 54-60 (1980->2200 N/mm²)

C17-12 C45

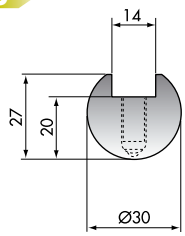
835



	max t/m	
C17-12	80	

C20-15 C45

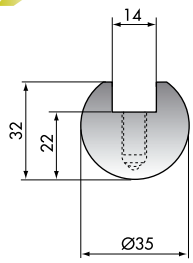
835



	max t/m	
C20-15	80	

C22-17 C45

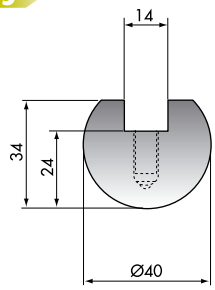
835



	max t/m	
C22-17	80	

C24-20 C45

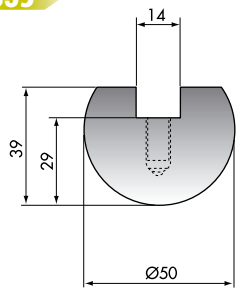
835



	max t/m	
C24-20	80	

C29-25 C45

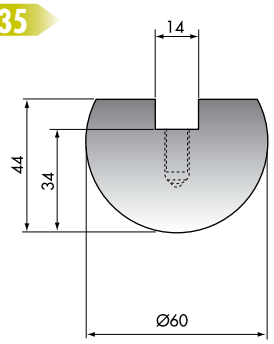
835



	max t/m	
C29-25	80	

C34-30 C45

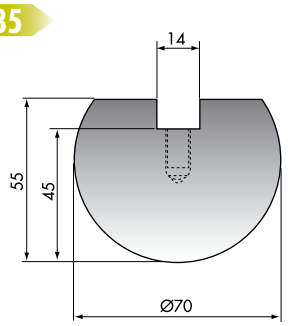
835



	max t/m	
C34-30	80	

C45-35 C45

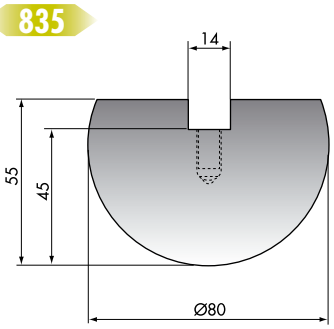
835



	max t/m	
C45-35	80	

C45-40 C45

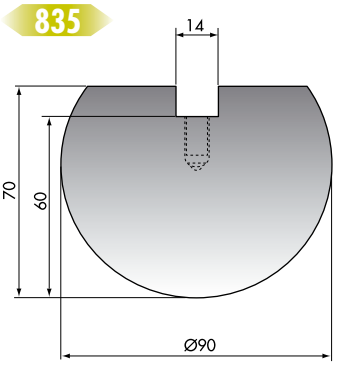
835



	max t/m	
C45-40	80	

C60-45 C45

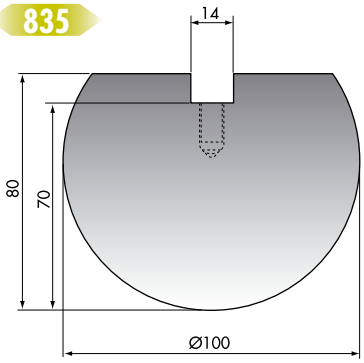
835



	max t/m	
C60-45	80	

C70-50 C45

835



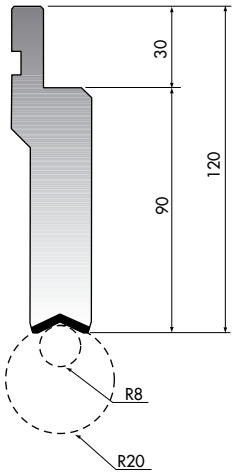
	max t/m	
C70-50	80	

PROMECAM-AMADA TYPE

HRc 54-60 (1980->2200 N/mm²)

TOP.PC.120-08 — 42Cr

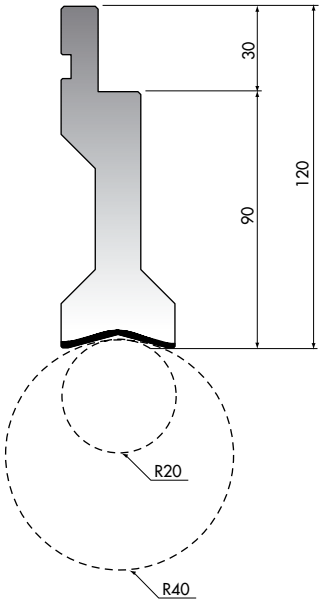
522



	max t/m
TOP.PC.120-08	100

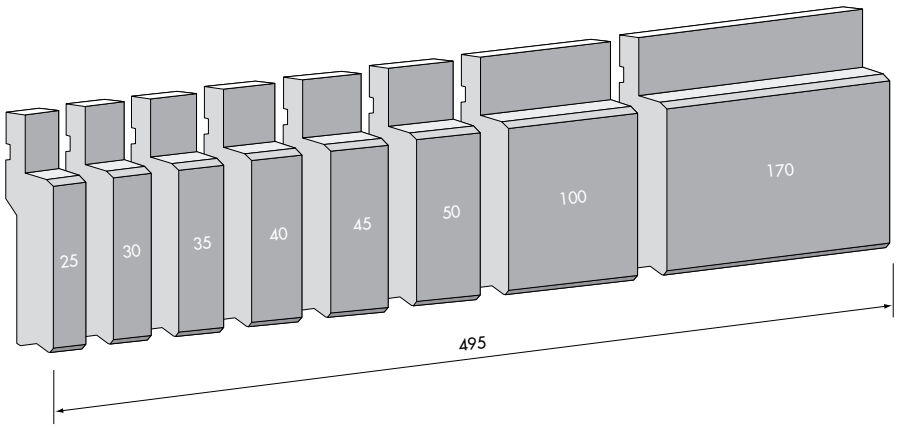
TOP.PC.120-20 — 42Cr

522
mm



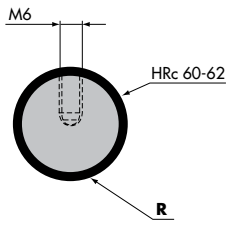
	max t/m
TOP.PC.120-20	100

TOP.PC.120-08/F
TOP.PC.120-20/F



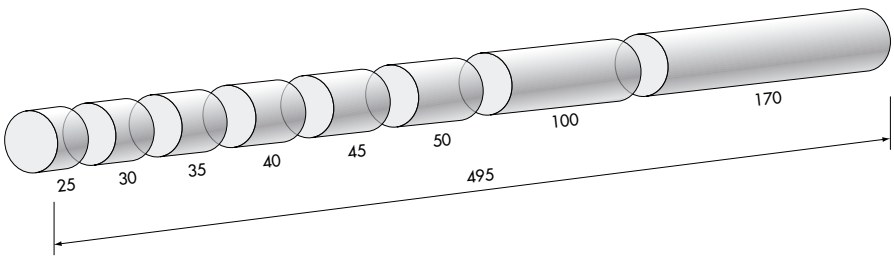
TOP.C08 ÷ TOP.C40 — C45

525



	R mm	max t/m
TOP.C08	8	100
TOP.C10	10	100
TOP.C12.5	12,5	100
TOP.C15	15	100
TOP.C17.5	17,5	100

	R mm	max t/m
TOP.C20	20	100
TOP.C25	25	100
TOP.C30	30	100
TOP.C35	35	100
TOP.C40	40	100



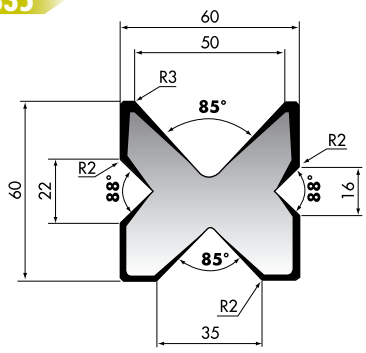
C45 560-710 N/mm² 42Cr 900-1150 N/mm²

PROMECAM-AMADA TYPE

HRc 54-60 (1980->2200 N/mm²)

M460 — C45

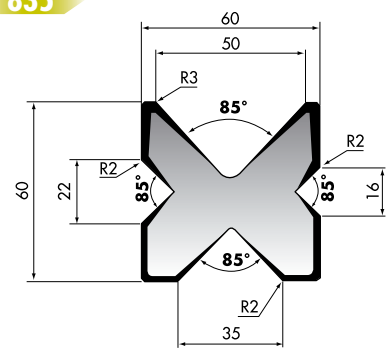
88° 85° — 835



	max t/m
M460	80

M460-R — C45

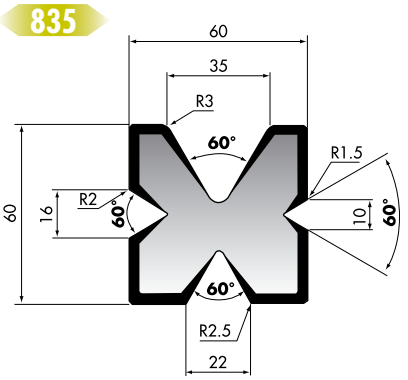
85° — 835



	max t/m
M460-R	80

M460-60 — C45

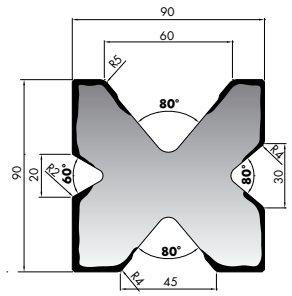
60° — 835



	max t/m
M460-60	60

M490 — C45

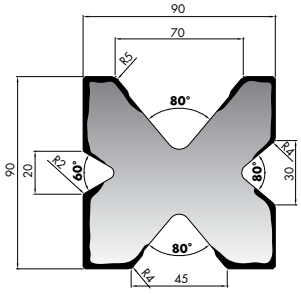
80° 60° — 835



	max t/m
M490	100

M490-70 — C45

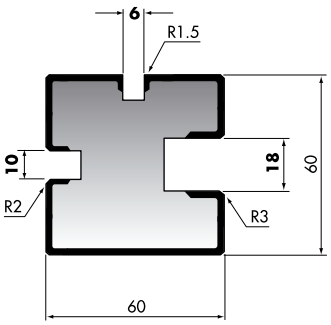
80° 60° — 835



	max t/m
M490-70	60

M360R — C45

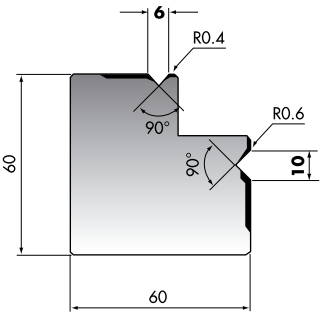
835



	max t/m
M360R	100

M60-90-01 — C45

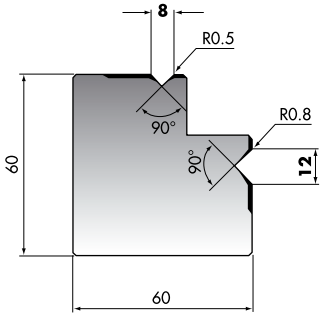
835



	max t/m
M60-90-01	100

M60-90-02 — C45

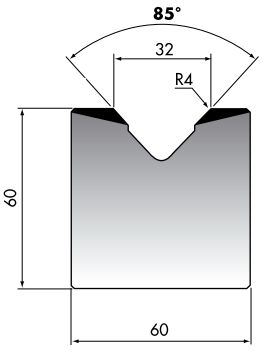
835



	max t/m
M60-90-02	80

M60-85-32 — C45

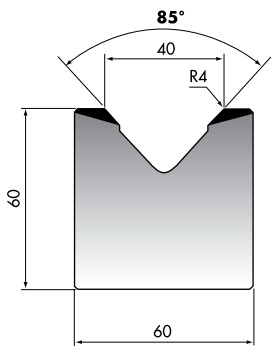
85° — 835



	max t/m
M60-85-32	100

M60-85-40 — C45

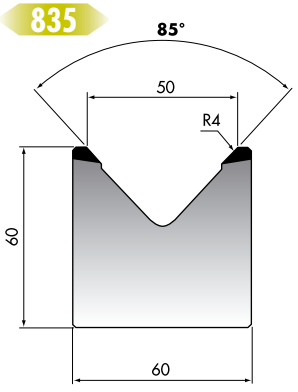
85° — 835



	max t/m
M60-85-40	100

M60-85-50 — C45

85° — 835



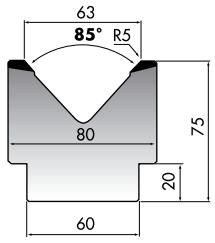
	max t/m
M60-85-50	100

PROMECAM-AMADA TYPE

HRc 54-60 (1980->2200 N/mm²)

M75-85-63 C45

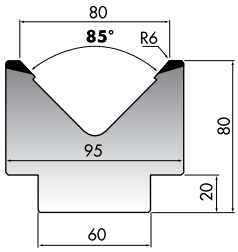
85° | 835



	max t/m
M75-85-63	100

M80-85-80 C45

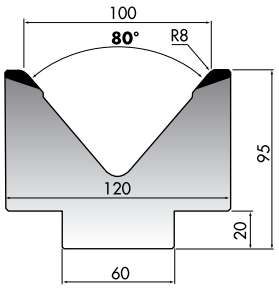
85° | 835



	max t/m
M80-85-80	100

M95-80-100 C45

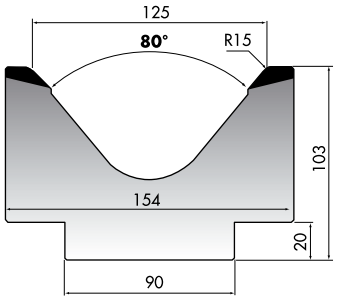
80° | 835



	max t/m
M95-80-100	100

M103-80-125 C45

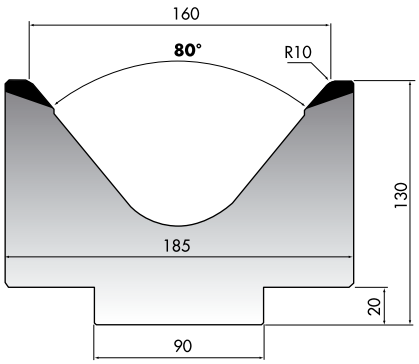
80° | 835



	max t/m
M103-80-125	100

M130-80-160 C45

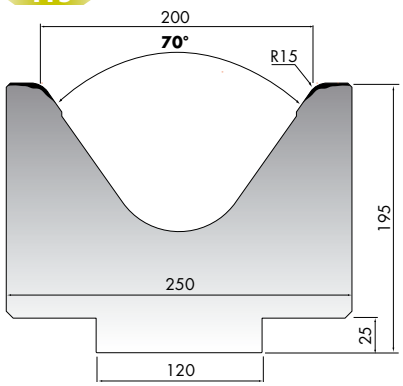
80° | 835



	max t/m
M130-80-160	100

M195-70-200 42Cr

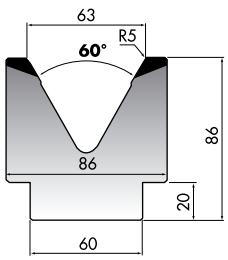
70° | 415



	max t/m
M195-70-200	180

M86-60-63 C45

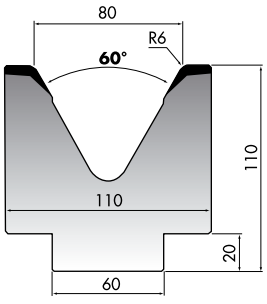
60° | 835



	max t/m
M86-60-63	100

M110-60-80 C45

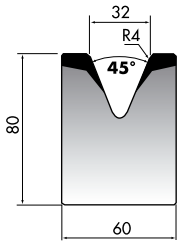
60° | 835



	max t/m
M110-60-80	100

M80-45-32 C45

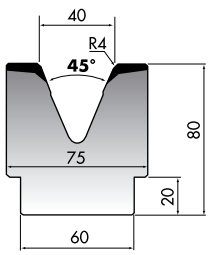
45° | 835



	max t/m
M80-45-32	100

M80-45-40 C45

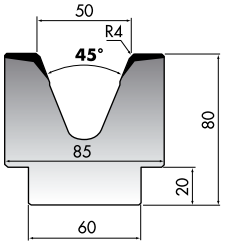
45° | 835



	max t/m
M80-45-40	100

M80-45-50 C45

45° | 835



	max t/m
M80-45-50	95

C45 560-710 N/mm²

42Cr 900-1150 N/mm²

HRc 54-60 (1980->2200 N/mm²)

T80-06-90 ÷ T80-12-90 — C45

90°

835

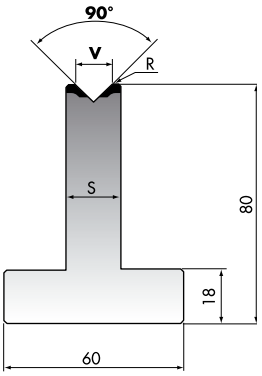
900

34

	V mm	R mm	S mm	max t/m
T80-06-90	6	0,4	14	100
T80-08-90	8	0,5	14	100

835

	V mm	R mm	S mm	max t/m
T80-10-90	10	0,6	18	100
T80-12-90	12	0,8	18	100

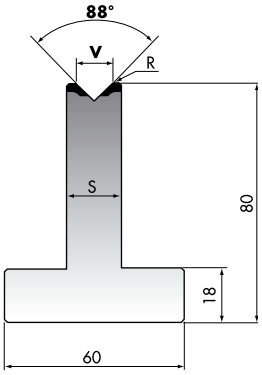


T80-06-88 ÷ TR80-10-88 — C45

88°

835

	V mm	R mm	S mm	max t/m
T80-06-88	6	0,4	14	100
T80-08-88	8	0,5	14	100
T80-10-88	10	0,8	18	100
T80-12-88	12	2,75	18	100
T80-16-88	16	2,75	24	100
T80-20-88	20	3	30	100
T80-25-88	25	3	35	100
TR80-06-88	6	2,75	14	100
TR80-08-88	8	2,75	14	100
TR80-10-88	10	2,75	18	100

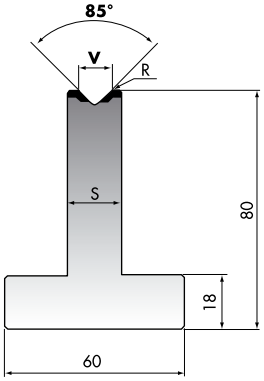


T80-06-85 ÷ T80-25-85 — C45

85°

835

	V mm	R mm	S mm	max t/m
T80-06-85	6	2,75	14	100
T80-08-85	8	2,75	14	100
T80-10-85	10	2,75	18	100
T80-12-85	12	2,75	18	100
T80-16-85	16	2,75	24	100
T80-20-85	20	3	30	100
T80-25-85	25	3	35	100

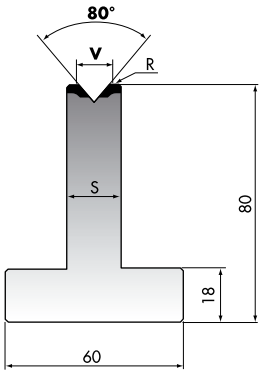


T80-06-80 ÷ T80-25-80 — C45

80°

835

	V mm	R mm	S mm	max t/m
T80-06-80	6	2,75	14	95
T80-08-80	8	2,75	14	95
T80-10-80	10	2,75	18	95
T80-12-80	12	2,75	18	95
T80-16-80	16	2,75	24	95
T80-20-80	20	3	30	95
T80-25-80	25	3	35	95

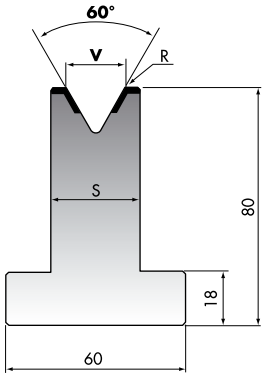


T80-06-60 ÷ TR80-12-60 — C45

60°

835

	V mm	R mm	S mm	max t/m
T80-06-60	6	0,5	14	60
T80-08-60	8	0,8	14	60
T80-10-60	10	0,8	18	60
T80-12-60	12	0,8	18	60
T80-16-60	16	2,75	24	60
T80-20-60	20	3	30	60
T80-25-60	25	3	35	60
TR80-06-60	6	1,5	14	60
TR80-08-60	8	1,5	14	60
TR80-10-60	10	2,75	18	60
TR80-12-60	12	2,75	18	60

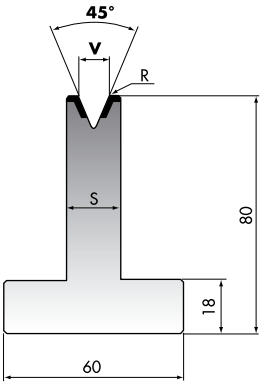


T80-06-45 ÷ T80-25-45 — C45

45°

835

	V mm	R mm	S mm	max t/m
T80-06-45	6	0,8	14	50
T80-08-45	8	1	18	50
T80-10-45	10	1,2	18	50
T80-12-45	12	1,6	24	50
T80-16-45	16	2,75	26	50
T80-20-45	20	3	30	50
T80-25-45	25	3	37	50

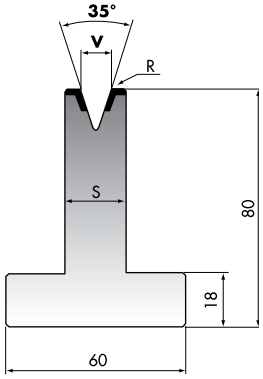


T80-06-35 ÷ T80-25-35 — C45

35°

835

	V mm	R mm	S mm	max t/m
T80-06-35	6	0,8	14	35
T80-08-35	8	1	16	35
T80-10-35	10	1,2	20	40
T80-12-35	12	1,6	22	40
T80-16-35	16	3	30	45
T80-20-35	20	3	35	50
T80-25-35	25	3	40	50

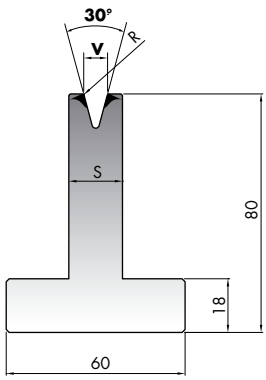


T80-06-30 ÷ T80-25-30 — C45

30°

835

	V mm	R mm	S mm	max t/m
T80-06-30	6	0,6	14	35
T80-08-30	8	0,8	18	35
T80-10-30	10	1	24	50
T80-12-30	12	1,5	24	40
T80-16-30	16	2	30	45
T80-20-30	20	2,5	35	50
T80-25-30	25	3	40	50



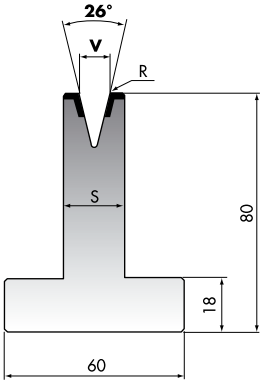
HRc 54-60 (1980->2200 N/mm²)

T80-06-26 ÷ T80-12-26 — C45

26°

835

	V mm	R mm	S mm	max t/m
T80-06-26	6	0,8	16	20
T80-08-26	8	1	20	20
T80-10-26	10	1,2	24	20
T80-12-26	12	1,6	26	20

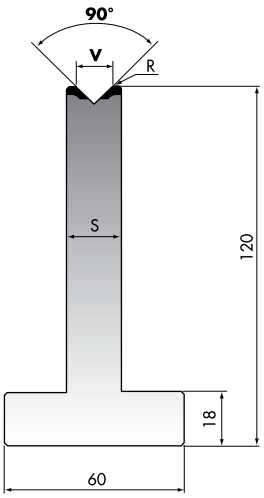


T120-06-90 ÷ T120-12-90 — C45

90°

835

	V mm	R mm	S mm	max t/m
T120-06-90	6	0,4	14	100
T120-08-90	8	0,5	14	100
T120-10-90	10	0,6	18	100
T120-12-90	12	0,8	18	100

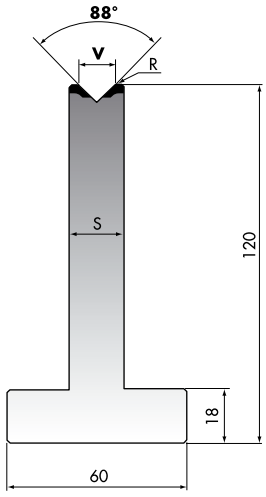


T120-06-88 ÷ TR120-10-88 — C45

88°

835

	V mm	R mm	S mm	max t/m
T120-06-88	6	0,4	14	100
T120-08-88	8	0,5	14	100
T120-10-88	10	0,8	18	100
T120-12-88	12	2,75	18	100
T120-16-88	16	2,75	24	100
T120-20-88	20	3	30	100
T120-25-88	25	3	35	100
TR120-06-88	6	2,75	14	100
TR120-08-88	8	2,75	14	100
TR120-10-88	10	2,75	18	100

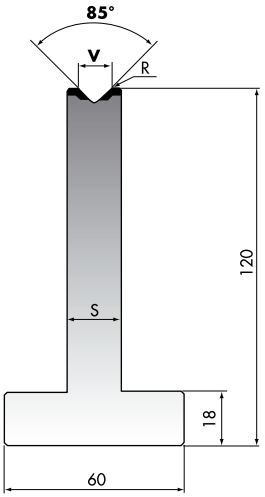


T120-06-85 ÷ T120-25-85 — C45

85°

835

	V mm	R mm	S mm	max t/m
T120-06-85	6	2,75	14	100
T120-08-85	8	2,75	14	100
T120-10-85	10	2,75	18	100
T120-12-85	12	2,75	18	100
T120-16-85	16	2,75	24	100
T120-20-85	20	3	30	100
T120-25-85	25	3	35	100

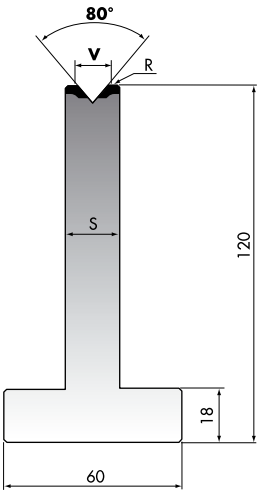


T120-06-80 ÷ T120-25-80 — C45

80°

835

	V mm	R mm	S mm	max t/m
T120-06-80	6	2,75	14	95
T120-08-80	8	2,75	14	95
T120-10-80	10	2,75	18	95
T120-12-80	12	2,75	18	95
T120-16-80	16	2,75	24	95
T120-20-80	20	3	30	95
T120-25-80	25	3	35	95

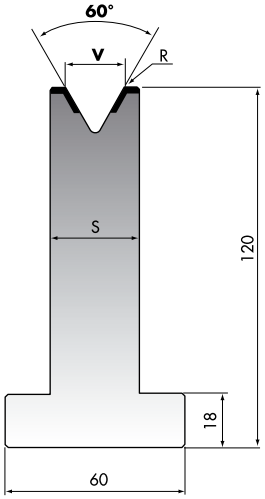


T120-06-60 ÷ TR120-12-60 — C45

60°

835

	V mm	R mm	S mm	max t/m
T120-06-60	6	0,5	14	60
T120-08-60	8	0,8	14	60
T120-10-60	10	0,8	18	60
T120-12-60	12	0,8	18	60
T120-16-60	16	2,75	24	60
T120-20-60	20	3	30	60
T120-25-60	25	3	35	60
TR120-06-60	6	1,5	14	60
TR120-08-60	8	1,5	14	60
TR120-10-60	10	2,75	18	60
TR120-12-60	12	2,75	18	60



C45 560-710 N/mm² 42Cr 900-1150 N/mm²

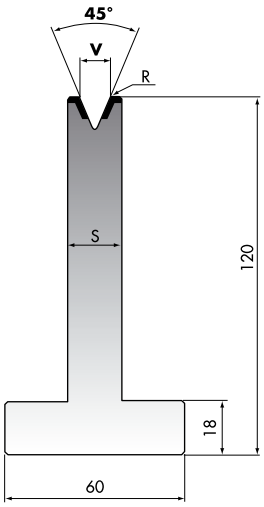
HRc 54-60 (1980->2200 N/mm²)

T120-06-45 ÷ T120-25-45 — C45

45°

835

	V mm	R mm	S mm	max t/m
T120-06-45	6	0,8	14	50
T120-08-45	8	1	18	50
T120-10-45	10	1,2	18	50
T120-12-45	12	1,6	24	50
T120-16-45	16	2,75	26	50
T120-20-45	20	3	30	50
T120-25-45	25	3	37	50

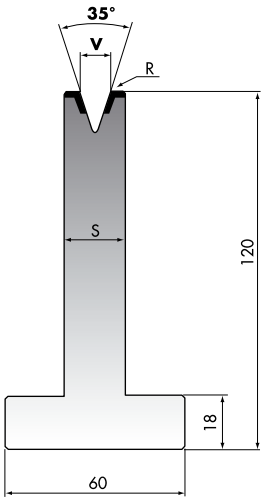


T120-06-35 ÷ T120-25-35 — C45

35°

835

	V mm	R mm	S mm	max t/m
T120-06-35	6	0,8	14	35
T120-08-35	8	1	16	35
T120-10-35	10	1,2	20	40
T120-12-35	12	1,6	22	40
T120-16-35	16	3	30	45
T120-20-35	20	3	35	50
T120-25-35	25	3	40	50

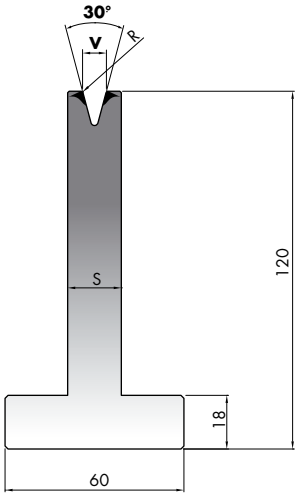


T120-06-30 ÷ T120-25-30 — C45

30°

835

	V mm	R mm	S mm	max t/m
T120-06-30	6	0,6	14	35
T120-08-30	8	0,8	18	35
T120-10-30	10	1	24	50
T120-12-30	12	1,5	24	40
T120-16-30	16	2	30	45
T120-20-30	20	2,5	35	50
T120-25-30	25	3	40	50

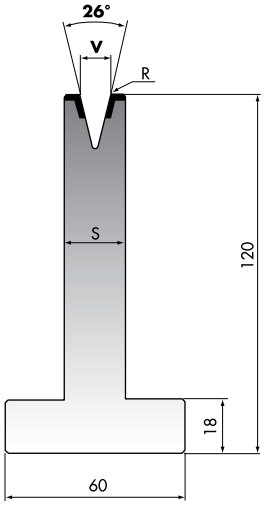


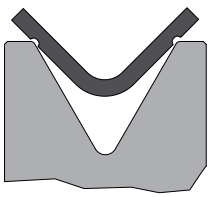
T120-06-26 ÷ T120-12-26 — C45

26°

835

	V mm	R mm	S mm	max t/m
T120-06-26	6	0,8	16	20
T120-08-26	8	1	20	20
T120-10-26	10	1,2	24	20
T120-12-26	12	1,6	26	20





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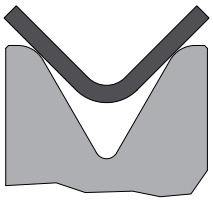
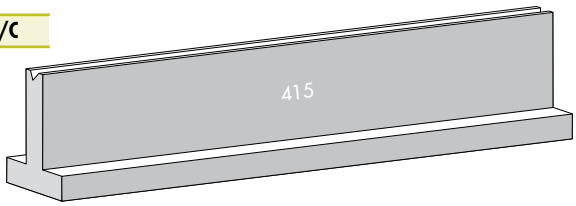
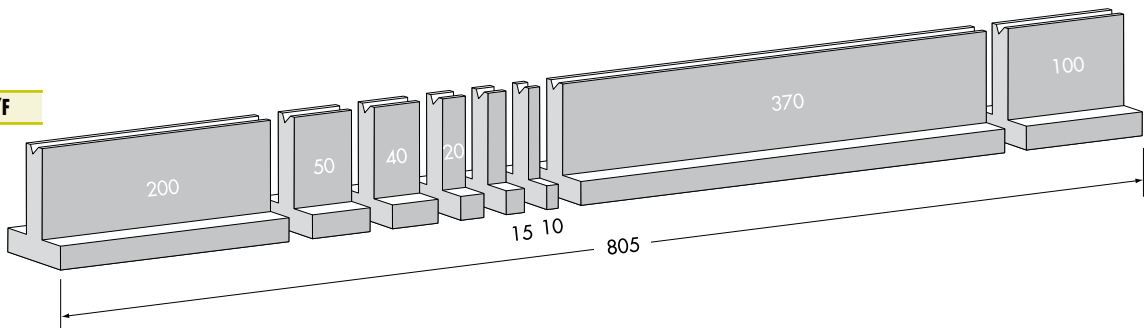


TR

...../C



...../F



PROMECAM-AMADA TYPE

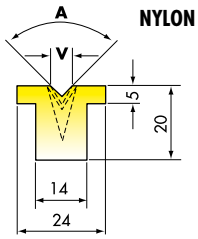
HRc 54-60 (1980->2200 N/mm²)

TN80-14 INS14-06-88 ÷ INS14-08-30 — C45

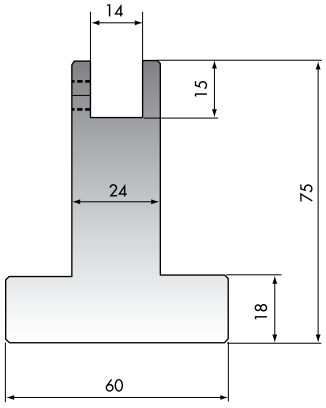
88° 60° 45° 30°

835

	A°	V mm
INS14-06-88	88	6
INS14-08-88	88	8
INS14-10-88	88	10
INS14-06-60	60	6
INS14-08-60	60	8
INS14-10-60	60	10
INS14-06-45	45	6
INS14-08-45	45	8
INS14-10-45	45	10
INS14-06-30	30	6
INS14-08-30	30	8



INS14



TN80-14

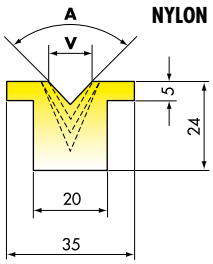
TN80-20 INS20-06-88 ÷ INS20-10-30 — C45

88° 60° 45° 30°

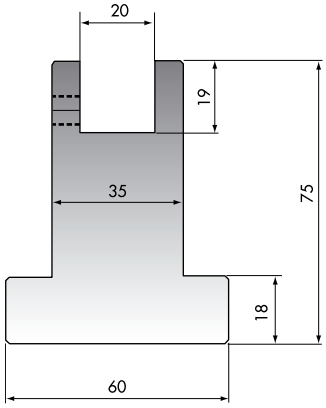
835

	A°	V mm
INS20-06-88	88	6
INS20-08-88	88	8
INS20-10-88	88	10
INS20-12-88	88	12
INS20-16-88	88	16
INS20-06-60	60	6
INS20-08-60	60	8
INS20-10-60	60	10
INS20-12-60	60	12
INS20-16-60	60	16

	A°	V mm
INS20-06-45	45	6
INS20-08-45	45	8
INS20-10-45	45	10
INS20-12-45	45	12
INS20-06-30	30	6
INS20-08-30	30	8
INS20-10-30	30	10



INS20



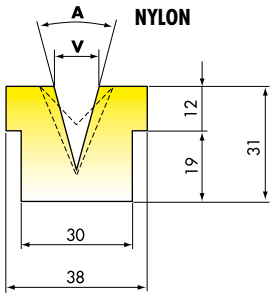
TN80-20

TN80-30 INS30-06-88 ÷ INS30-08-30 — C45

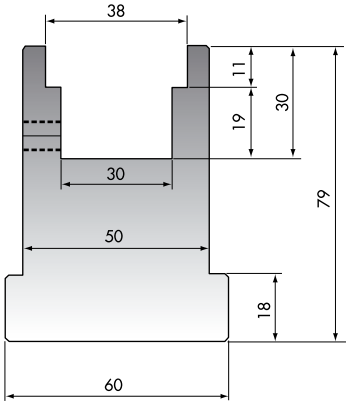
88° 60° 45° 30°

835

	A°	V mm
INS30-06-88	88	6
INS30-08-88	88	8
INS30-10-88	88	10
INS30-06-60	60	6
INS30-08-60	60	8
INS30-10-60	60	10
INS30-06-45	45	6
INS30-08-45	45	8
INS30-10-45	45	10
INS30-06-30	30	6
INS30-08-30	30	8



INS30



TN80-30

C45 560-710 N/mm² 42Cr 900-1150 N/mm²

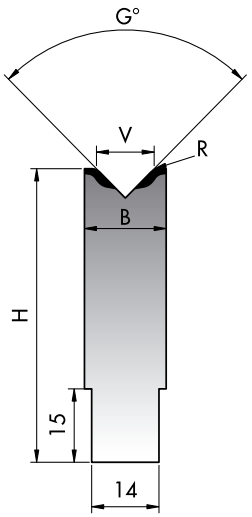
HRc 54-60 (1980->2200 N/mm²)

AMR60-04-88 ÷ AMR65-25-30 — C45

88° 30°

835

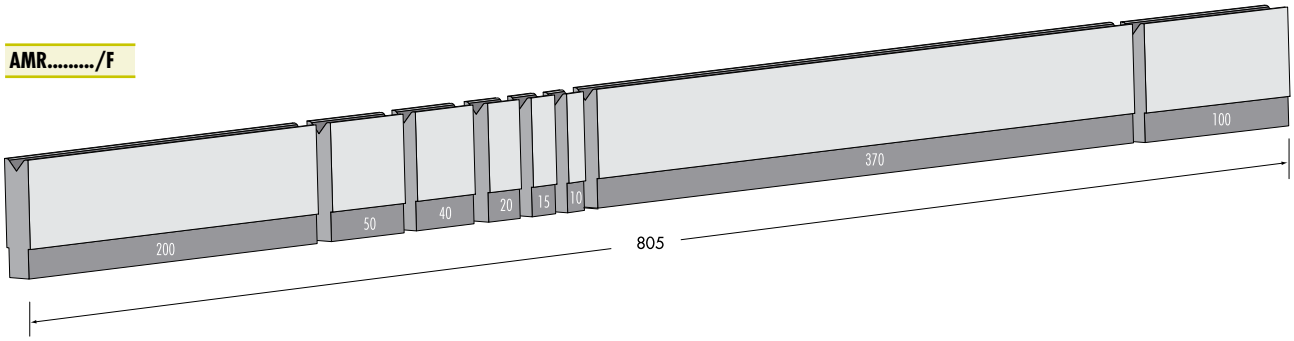
AMR60



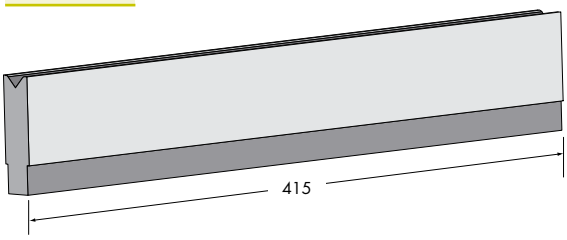
	V mm	G°	H mm	R mm	B mm	max t/m
AMR60-04-88	4	88	60	0,6	14	100
AMR60-06-88	6	88	60	0,8	14	100
AMR60-08-88	8	88	60	1,0	14	100
AMR60-10-88	10	88	60	1,2	18	100
AMR60-12-88	12	88	60	1,5	18	100
AMR60-16-88	16	88	60	2,0	24	100
AMR60-20-88	20	88	60	2,0	30	100
AMR60-25-88	25	88	60	3,0	35	100
AMR60-06-30	6	30	60	0,6	14	35
AMR60-08-30	8	30	60	0,8	18	35
AMR60-10-30	10	30	60	1,0	24	50
AMR60-12-30	12	30	60	1,5	24	40
AMR60-16-30	16	30	60	2,0	30	45
AMR60-20-30	20	30	60	2,5	35	50
AMR65-25-30	25	30	65	3,0	45	50

AMR

AMR...../F



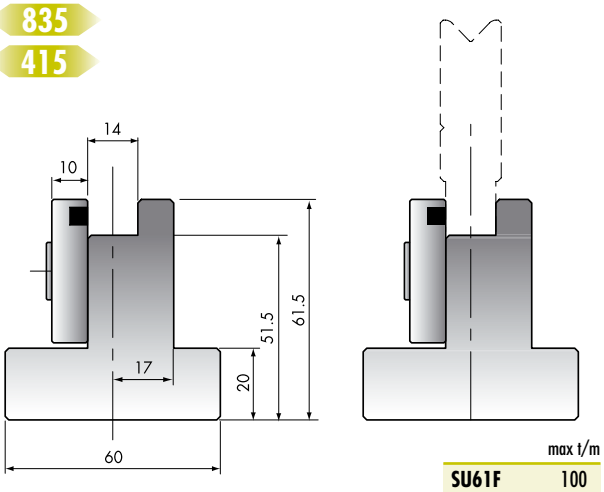
AMR...../C



SU61F SU61F/C — C45

835

415



	max t/m
SU61F	100
SU61F/C	100

PROMECAM-AMADA TYPE

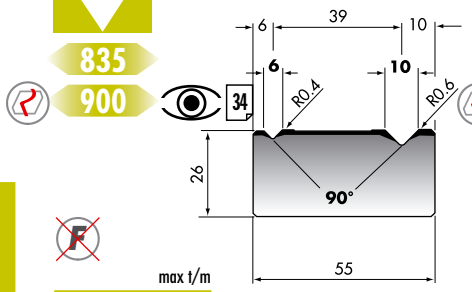
HRc 54-60 (1980->2200 N/mm²)

M26-90-01 C45

90°

835

900



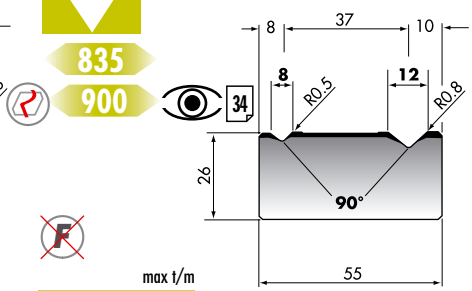
max t/m	
M26-90-01	100

M26-90-02 C45

90°

835

900

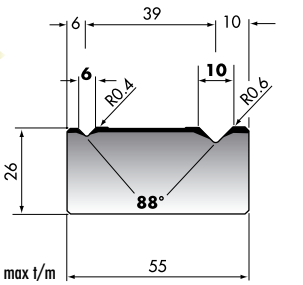


max t/m	
M26-90-02	100

M26-88-01 C45

88°

835

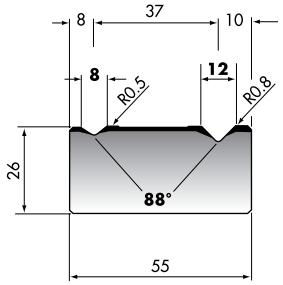


max t/m	
M26-88-01	100

M26-88-02 C45

88°

835

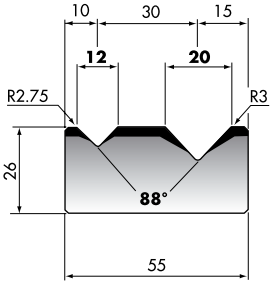


max t/m	
M26-88-02	100

M26-88-03 C45

88°

835

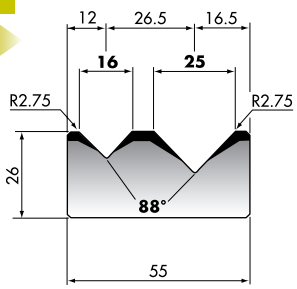


max t/m	
M26-88-03	100

M26-88-04 C45

88°

835

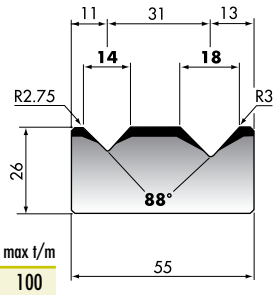


max t/m	
M26-88-04	100

M26-88-05 C45

88°

835



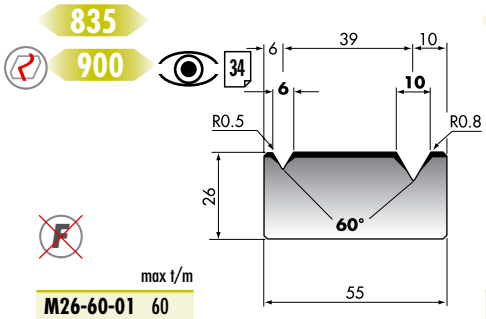
max t/m	
M26-88-05	100

M26-60-01 C45

60°

835

900

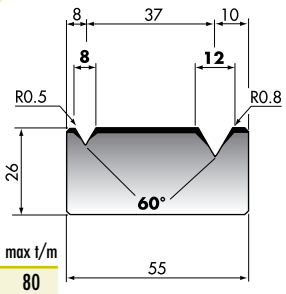


max t/m	
M26-60-01	60

M26-60-02 C45

60°

835

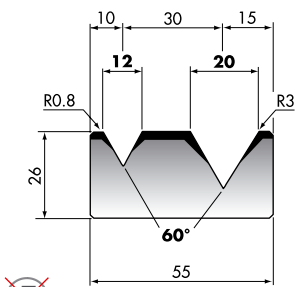


max t/m	
M26-60-02	80

M26-60-03 C45

60°

835

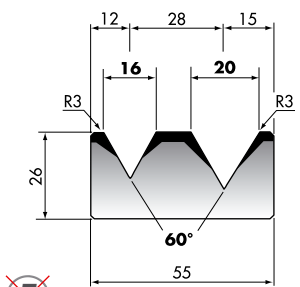


max t/m	
M26-60-03	80

M26-60-05 C45

60°

835

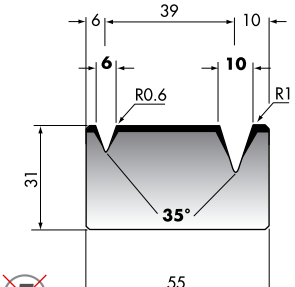


max t/m	
M26-60-05	80

M31-35-01 C45

35°

835

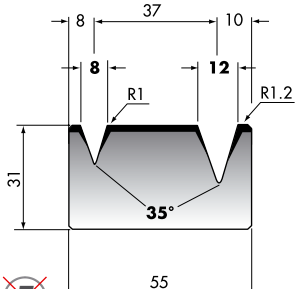


max t/m	
M31-35-01	30

M31-35-02 C45

35°

835



max t/m	
M31-35-02	30

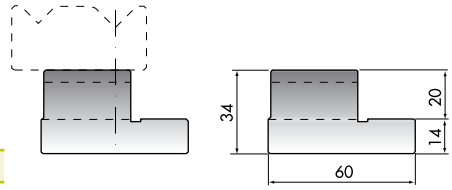
C45 560-710 N/mm²

42Cr 900-1150 N/mm²

PROMECAM-AMADA TYPE

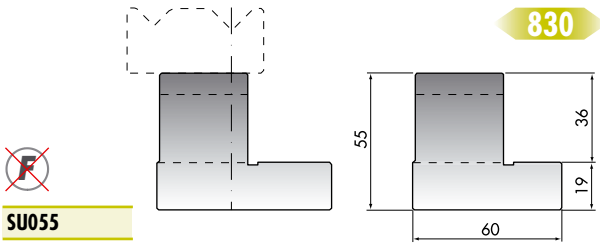
HRc 54-60 (1980->2200 N/mm²)

SU034 — C45 — 830



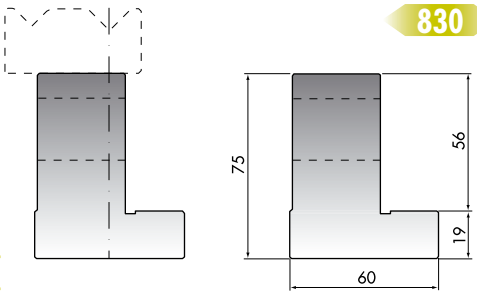
SU034

SU055 — C45 — 830



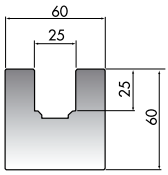
SU055

SU075 — C45 — 830

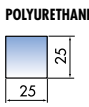


SU075

MPG25 — C45 — 835

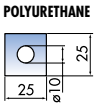


POLYURETHANE



GM 25x25

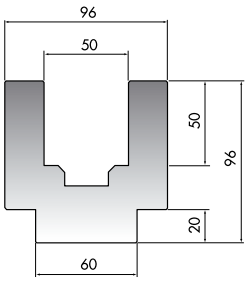
POLYURETHANE



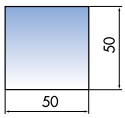
GM 25x25x10

MPG25

MPG50 — C45 — 835

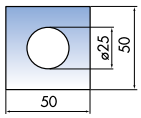


POLYURETHANE



GM 50x50

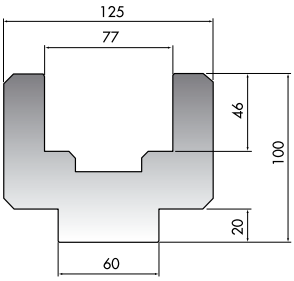
POLYURETHANE



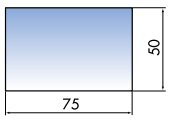
GM 50x50x25

MPG50

MPG75 — C45 — 835

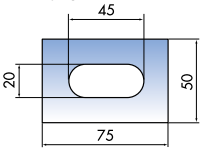


POLYURETHANE



GM 75x50

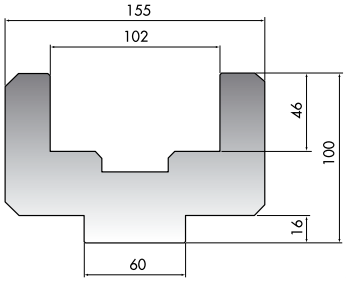
POLYURETHANE



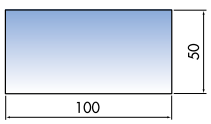
GM 75x50x20

MPG75

MPG100 — C45 — 835

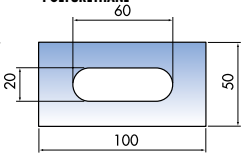


POLYURETHANE



GM 100x50

POLYURETHANE

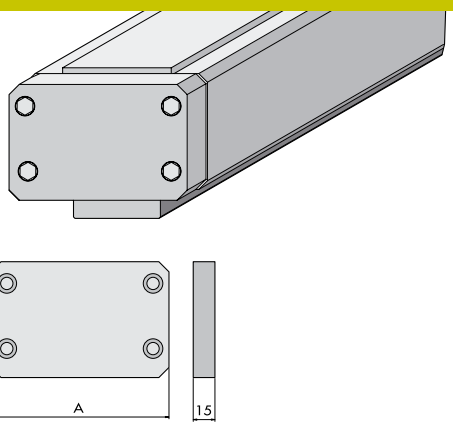


GM 100x50x20

MPG100

PSTCON

		A	B
PSTCON25	(2)	58	58
PSTCON50	(2)	108	75
PSTCON75	(2)	123	80
PSTCON100	(2)	153	80



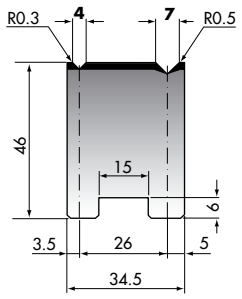
PROMECAM-AMADA TYPE

HRc 54-60 (1980->2200 N/mm²)

46-10 — C45

90°

835

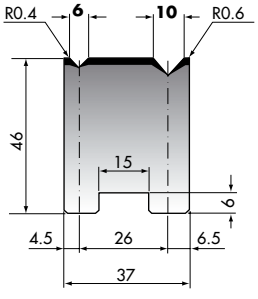


max t/m	
46-10	80

46-11 — C45

90°

835

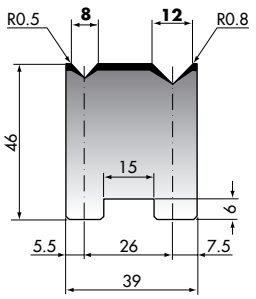


max t/m	
46-11	80

46-12 — C45

90°

835



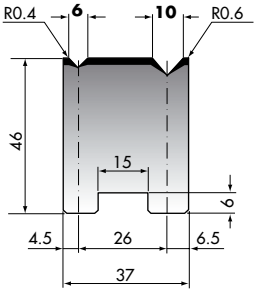
max t/m	
46-12	80

46-11-88 — C45

88°

NEW

835

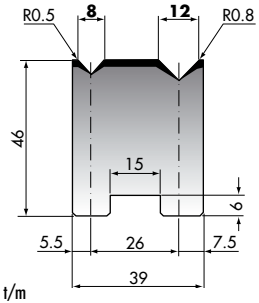


max t/m	
46-11-88	80

46-13 — C45

88°

835

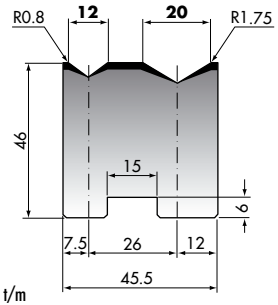


max t/m	
46-13	80

46-14 — C45

88°

835

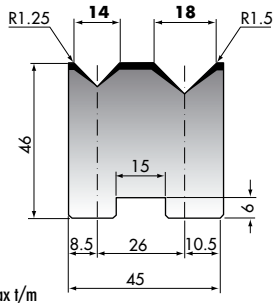


max t/m	
46-14	80

46-15 — C45

88°

835

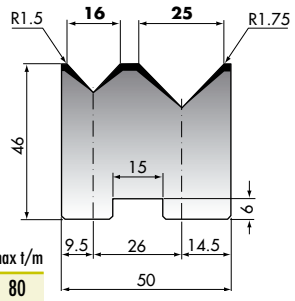


max t/m	
46-15	80

46-16 — C45

88°

835

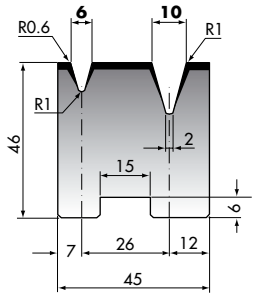


max t/m	
46-16	80

46-17 — C45

30°

835

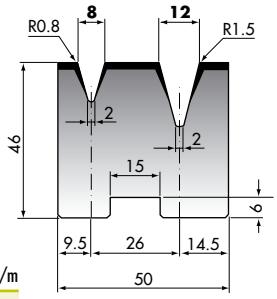


max t/m	
46-17	40

46-18 — C45

30°

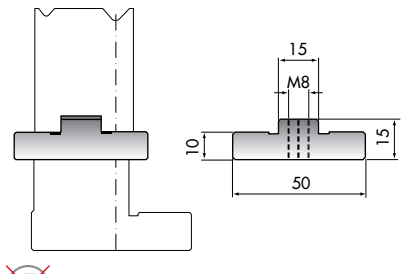
835



max t/m	
46-18	40

PM50 — C45

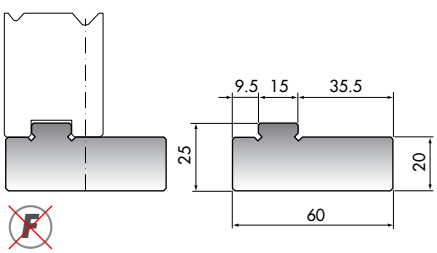
835



PM50	

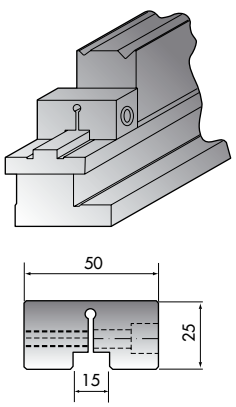
PM60 — C45

835



PM60	

PB60 — C45



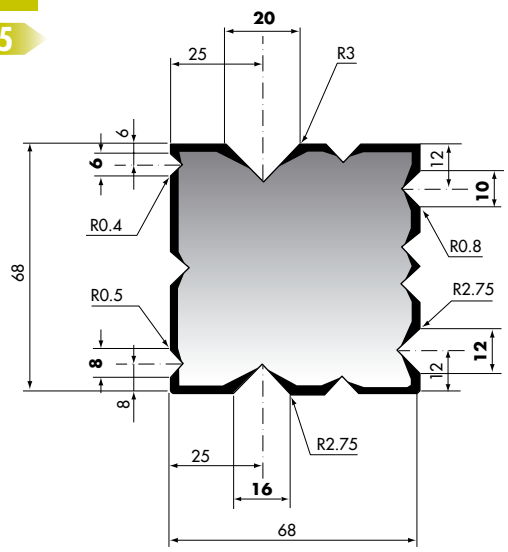
PB60 (2)	

HRc 54-60 (1980->2200 N/mm²)

T70-88 — 42Cr

88°

525

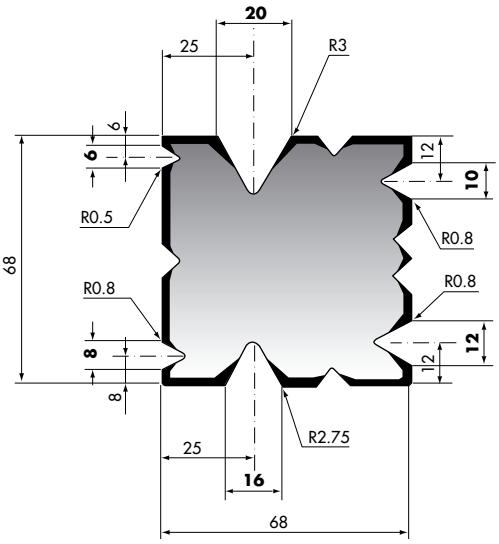


T70-88	max t/m
	100

T70-60 — 42Cr

60°

525

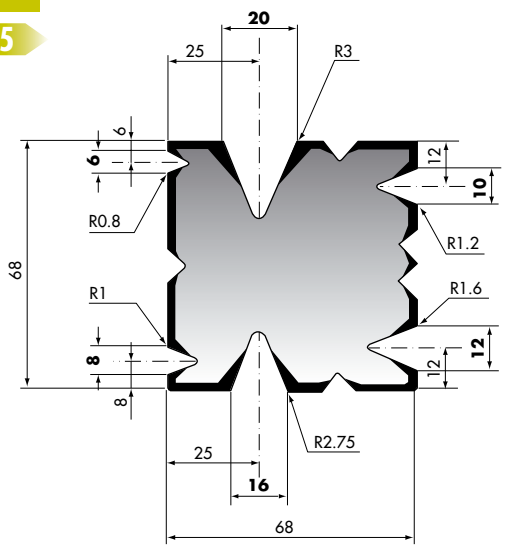


T70-60	V mm	max t/m
	6	60
	8	60
	10	60
	12	60
	16	80
	20	80

T70-45 — 42Cr

45°

525

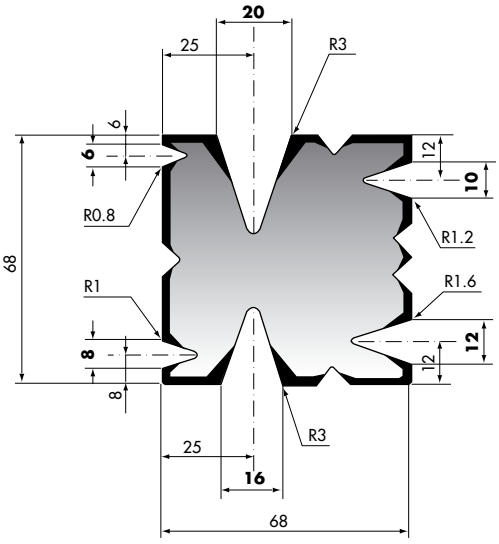


T70-45	V mm	max t/m
	6	40
	8	40
	10	50
	12	50
	16	70
	20	70

T70-35 — 42Cr

35°

525



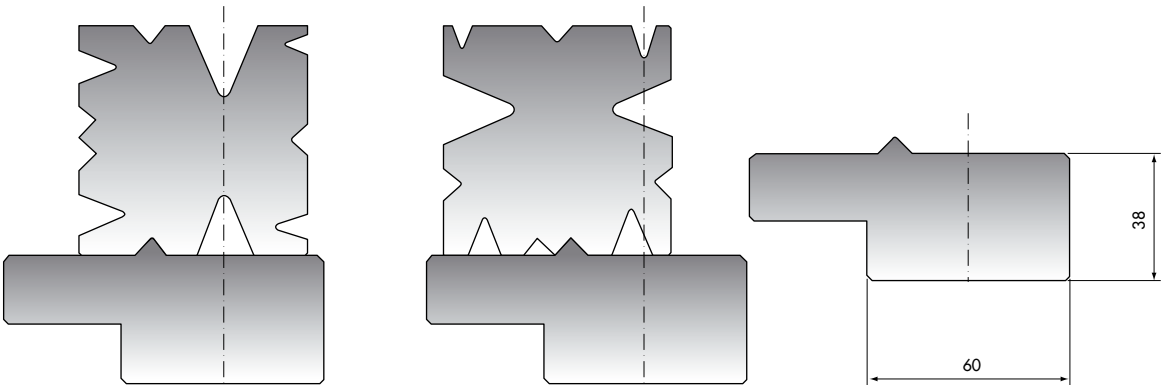
T70-35	V mm	max t/m
	6	30
	8	35
	10	45
	12	45
	16	50
	20	50

PROMECAM-AMADA TYPE

HRc 54-60 (1980->2200 N/mm²)

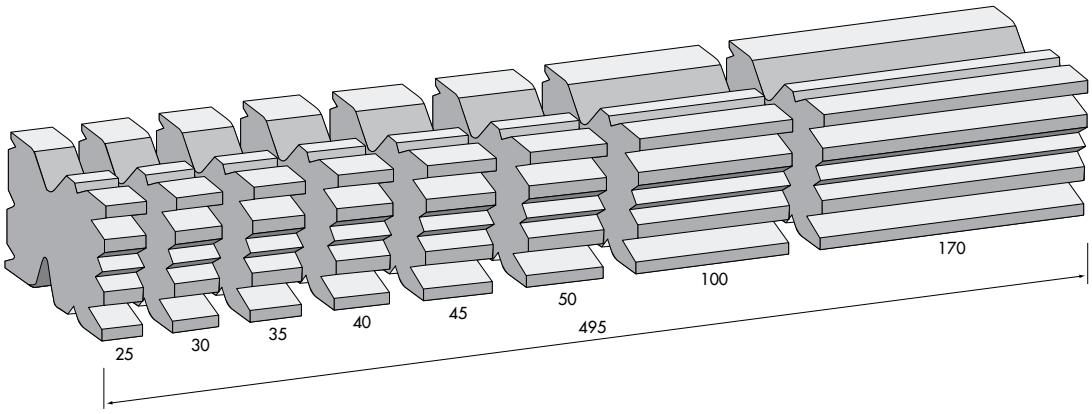
SU-T70

525

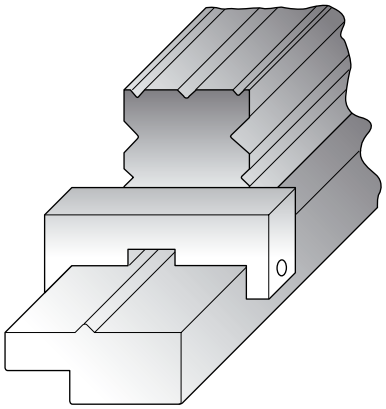


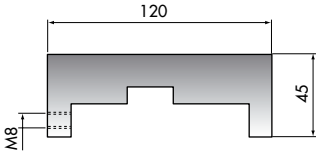
SU-T70

T70-88/F
T70-60/F
T70-45/F
T70-35/F



PB-T70





PB-T70 (2)

C45 560-710 N/mm² 42Cr 900-1150 N/mm²

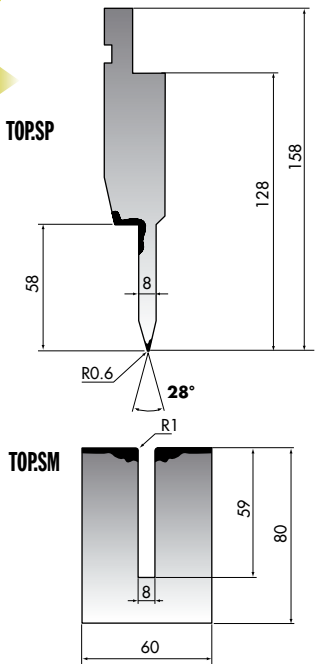
PROMECAM-AMADA TYPE

HRc 54-60 (1980->2200 N/mm²)

TOP.S (TOP.SP+TOP.SM) 42Cr

28°

525

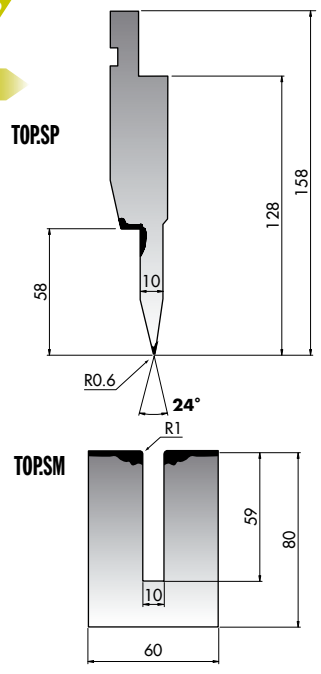


	max t/m A	B
TOP.S-134.28.8		
TOP.SP-134.28.8	80	100
TOP.SM-134.28.8	50	100

TOP.S (TOP.SP+TOP.SM) 42Cr

24°

525

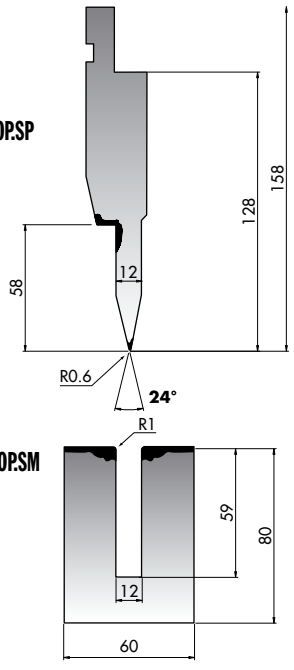


	max t/m A	B
TOP.S-134.24.10		
TOP.SP-134.24.10	80	100
TOP.SM-134.24.10	50	100

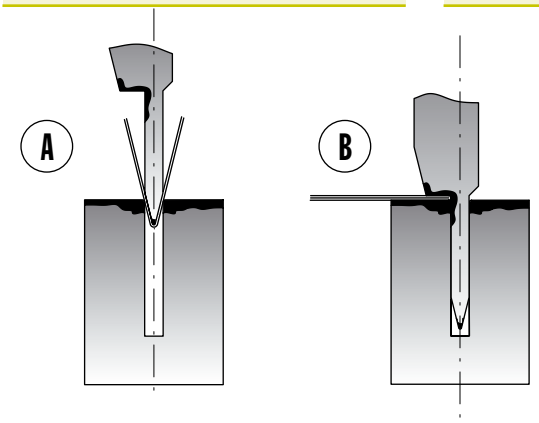
TOP.S (TOP.SP+TOP.SM) 42Cr

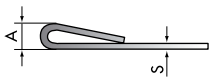
24°

525

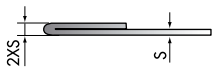


	max t/m A	B
TOP.S-134.24.12		
TOP.SP-134.24.12	80	100
TOP.SM-134.24.12	50	100





S mm	A mm	R.45 Kgf/mm² t/m	R.70 Kgf/mm² t/m
0,6	3,0	9	15
0,8	3,0	12	20
1,0	3,5	15	25
1,25	3,5	17	26
1,5	4,6	22	38
2,0	5,5	30	50

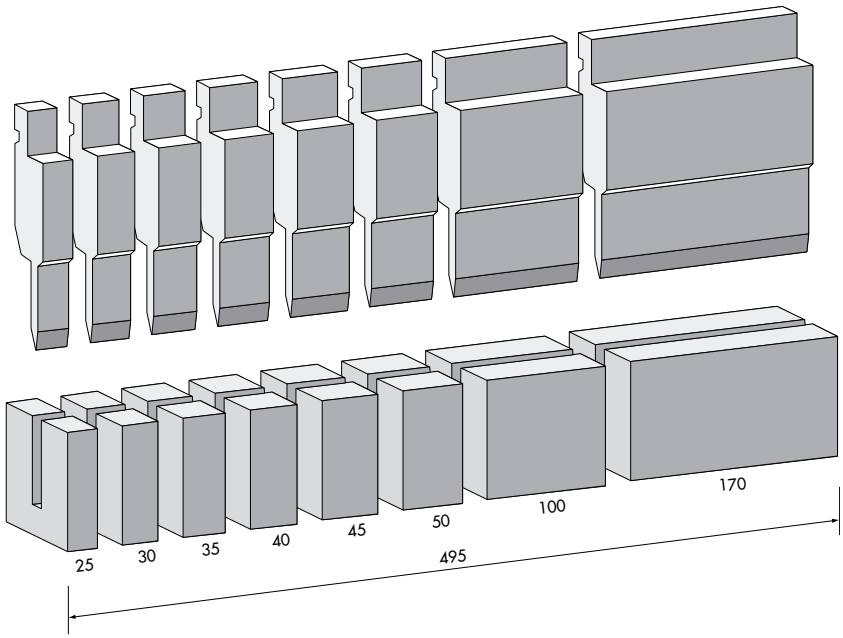


S mm	A mm	R.45 Kgf/mm² t/m	R.70 Kgf/mm² t/m
0,6	1,2	23	35
0,8	1,6	32	50
1,0	2,0	40	60
1,25	2,5	50	80
1,5	3,0	63	95
2,0	4,0	80	130

TOP.S-134.28.8/F
TOP.SP-134.28.8/F
TOP.SM-134.28.8/F

TOP.S-134.24.10/F
TOP.SP-134.24.10/F
TOP.SM-134.24.10/F

TOP.S-134.24.12/F
TOP.SP-134.24.12/F
TOP.SM-134.24.12/F

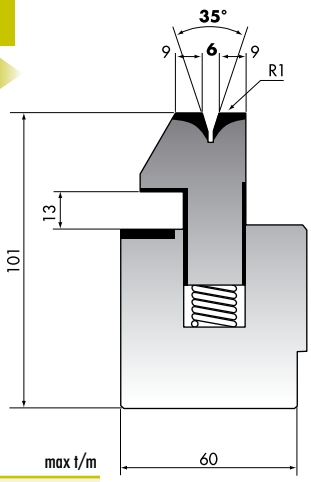


PROMECAM-AMADA TYPE

HRc 54-60 (1980->2200 N/mm²)

S101-35-06 — C45

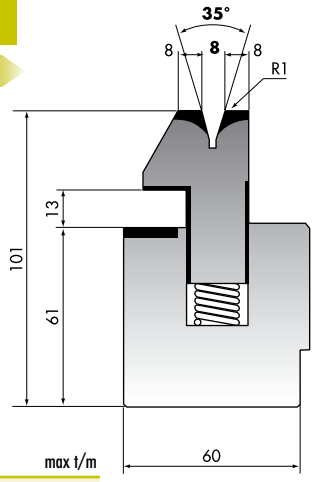
35° — 835 — F



	max t/m
S101-35-06	60

S101-35-08 — C45

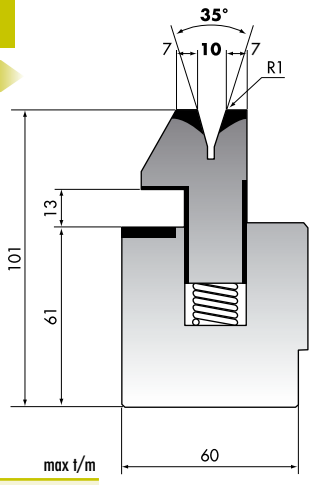
35° — 835 — F



	max t/m
S101-35-08	60

S101-35-10 — C45

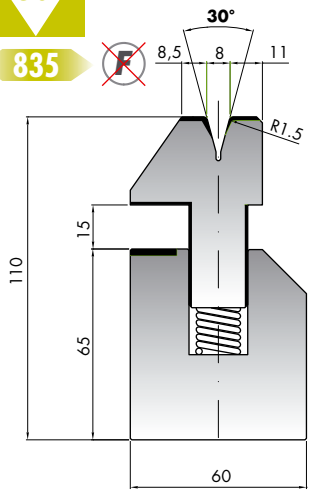
35° — 835 — F



	max t/m
S101-35-10	60

S110-30-08 — C45

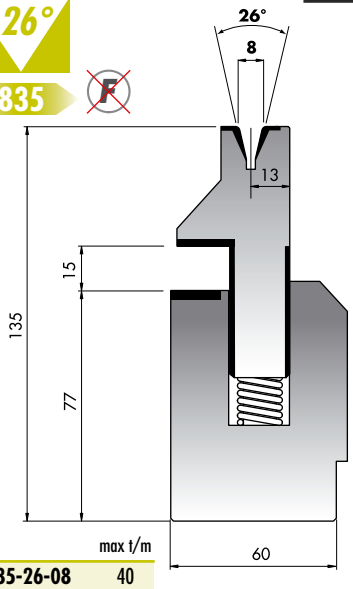
30° — 835 — F



	max t/m
S110-30-08	80

S135-26-08 — 42Cr

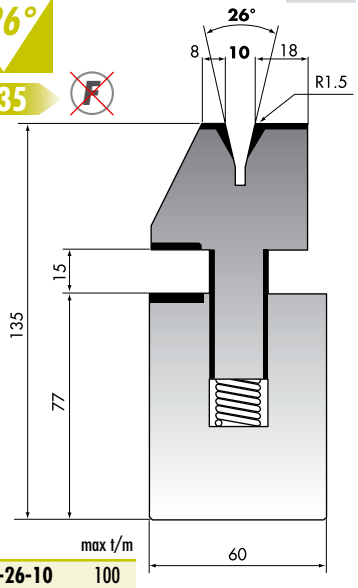
26° — 835 — F



	max t/m
S135-26-08	40

S135-26-10 — C45

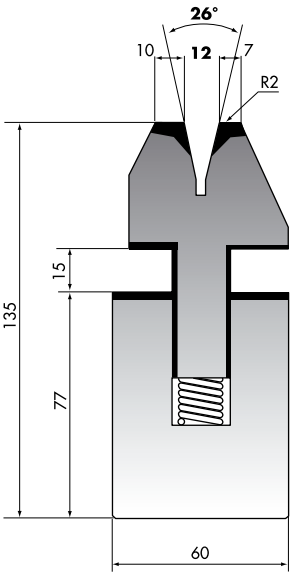
26° — 835 — F



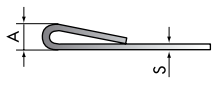
	max t/m
S135-26-10	100

SA135-26-12 — C45

26° — 835 — F



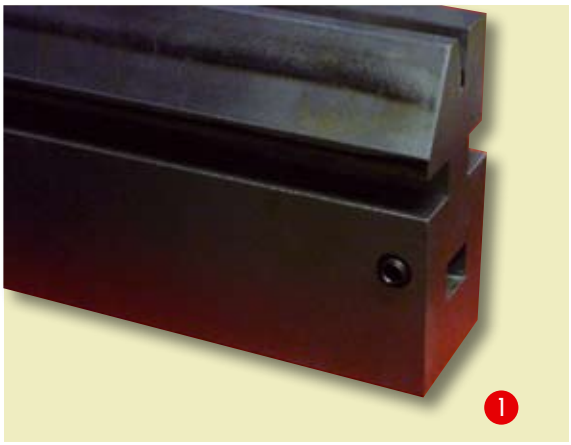
	max t/m
SA135-26-12	100



S mm	A mm	R.45 Kgf/mm² t/m	R.70 Kgf/mm² t/m
0,6	3,0	9	15
0,8	3,0	12	20
1,0	3,5	15	25
1,25	3,5	17	26
1,5	4,6	22	38
2,0	5,5	30	50
2,5	6,5	55	—
3,0	8,0	70	—

S mm	A mm	R.45 Kgf/mm² t/m	R.70 Kgf/mm² t/m
0,6	1,2	23	35
0,8	1,6	32	50
1,0	2,0	40	60
1,25	2,5	50	80
1,5	3,0	63	95
2,0	4,0	80	130
2,5	5,0	90	—
3,0	6,0	100	—

C45 560-710 N/mm² 42Cr 900-1150 N/mm²

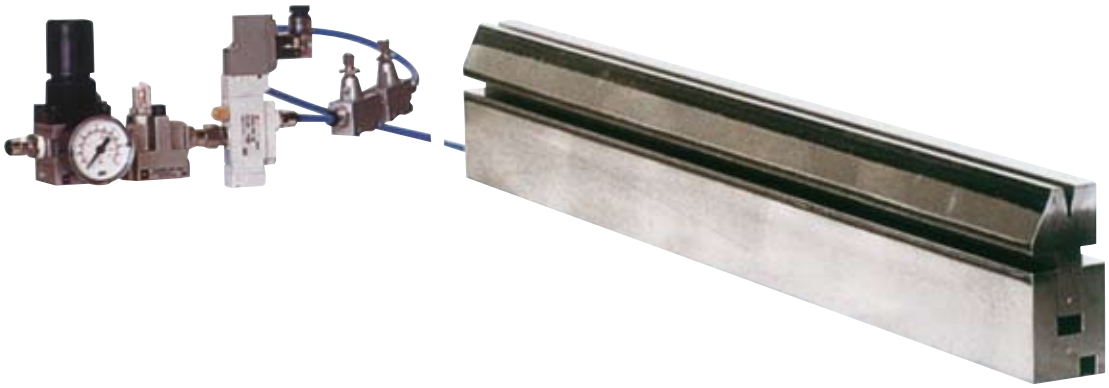


Le matrici piegaschiaccia Rolleri sono dotate di un sistema meccanico di bloccaggio delle molle. Grazie a questo sistema si ha la possibilità di utilizzare il piegaschiaccia come una matrice standard.

Thanks to a mechanical locking system of the springs, Rolleri hemming dies can be used as standard dies.

S101PN-35-06 ÷ SA135PN-26-12 KPN

835



KPN

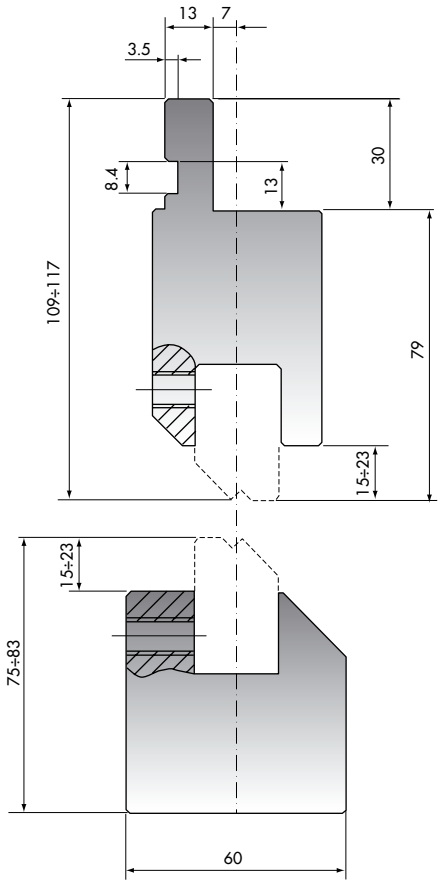
	H mm	V	max t/m	
S101PN-35-06	101	6-35°	60	C45
S101PN-35-08	101	8-35°	60	C45
S101PN-35-10	101	10-35°	60	C45
S135PN-26-08	135	8-26°	40	42Cr
S135PN-26-10	135	10-26°	100	C45
SA135PN-26-12	135	12-26°	100	C45

PROMECAM-AMADA TYPE

HRc 54-60 (1980->2200 N/mm²)

CPZ — C45

835

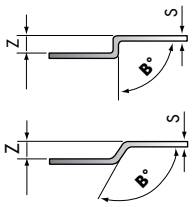


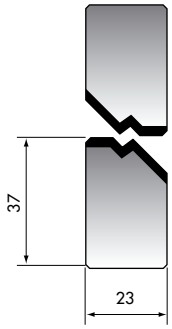
	max t/m
CPZ	100

CEZ-1 ÷ CEZ-12 — C45

90° 140° 150° 160°

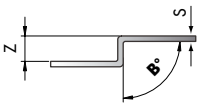
835

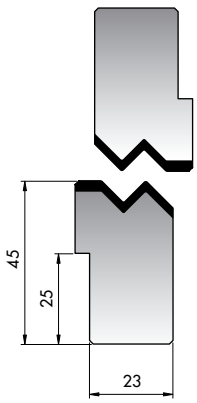




	Z mm	B°	S* mm	max t/m
CEZ-1	1	160°	1,2	100
CEZ-1.5	1,5	160°	1,5	100
CEZ-2	2	150°	1,4	100
CEZ-2.5	2,5	140°	1,3	100
CEZ-3	3	90°	1	100
CEZ-3.5	3,5	90°	1	100
CEZ-4	4	90°	1,2	100
CEZ-4.5	4,5	90°	1,2	100
CEZ-5	5	90°	1,3	100
CEZ-5,5	5,5	90°	1,4	100
CEZ-6	6	90°	1,5	100
CEZ-6.5	6,5	90°	1,5	100
CEZ-7	7	90°	1,5	100
CEZ-7.5	7,5	90°	1,6	100
CEZ-8	8	90°	1,6	100

* Fe Rmax = 42 Kg/mm²





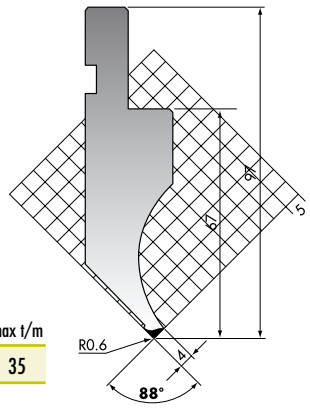
	Z mm	B°	S* mm	max t/m
CEZ-9	9	90°	1,8	100
CEZ-10	10	90°	1,8	100
CEZ-11	11	90°	2	100
CEZ-12	12	90°	2	100
CEZ-13	13	90°	2	100
CEZ-14	14	90°	2	100
CEZ-15	15	90°	2,3	100

* Fe Rmax = 42 Kg/mm²

HRc 54-60 (1980->2200 N/mm²)

P.97-88-R06-L — 42Cr

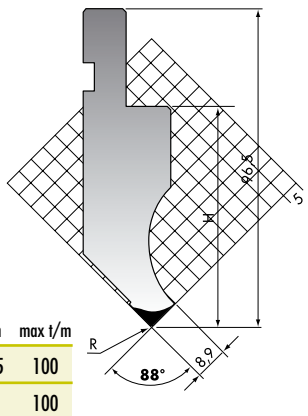
88° — 900



	R mm	max t/m
P.97-88-R06-L	0,6	35

P.97-88-R08-L/PK.97-88-R025-L — C45

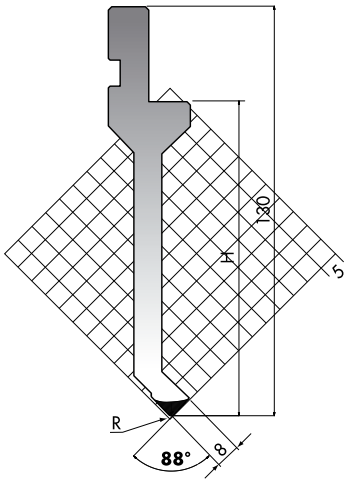
88° — 900



	R mm	H mm	max t/m
P.97-88-R08-L	0,8	66,65	100
PK.97-88-R025-L	0,25	66,6	100

P.130-88-R06-L/PK.130-88-R025-L — 42Cr

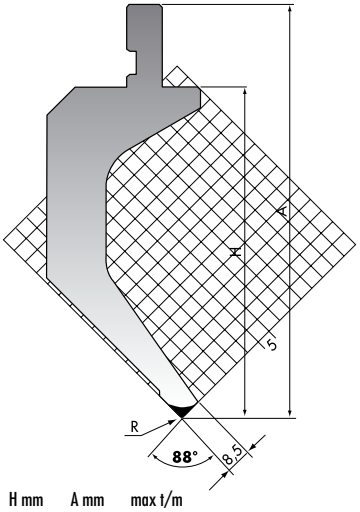
88° — 900



	R mm	H mm	max t/m
P.130-88-R06-L	0,6	100	35
PK.130-88-R025-L	0,25	99,95	35

P.150-88-R08-L/R3-L — 42Cr

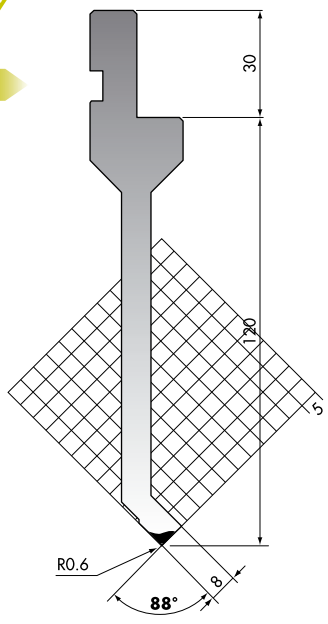
88° — 900



	R mm	H mm	A mm	max t/m
P.150-88-R08-L	0,8	120	150	50
P.150-88-R3-L	3	119	149	50

P.150.88.R06-L — 42Cr

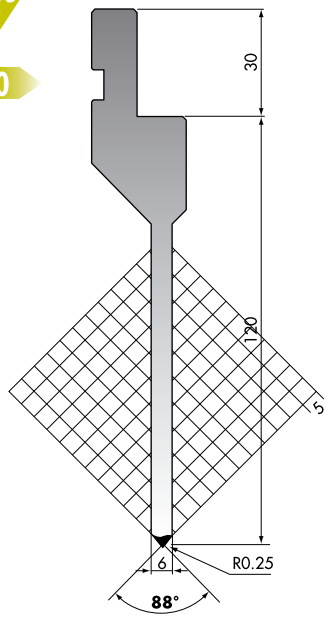
88° — 900



	max t/m
P.150-88-R06-L	35

P.150.88.R025-L — 42Cr

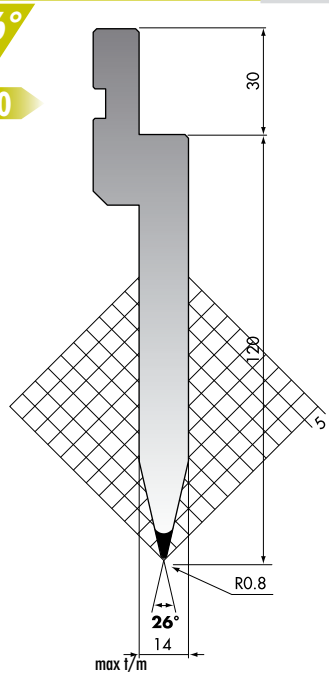
88° — 900



	max t/m
P.150-88-R025-L	50

PU.150-26-R08-L — C45

26° — 900



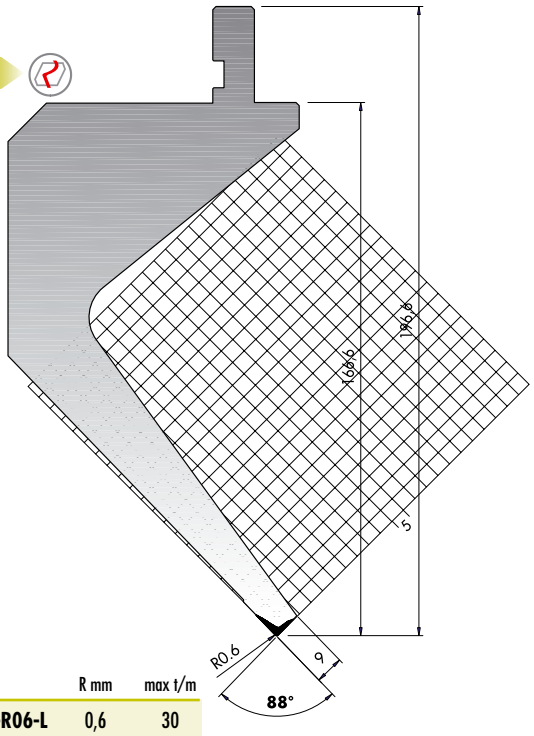
	max t/m
PU.150-26-R08-L	100

PROMECAM-AMADA TYPE

HRc 54-60 (1980->2200 N/mm²)

P.196-88-R06-L — C45

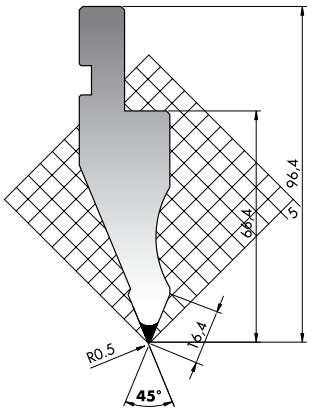
88° — 900



	R mm	max t/m
P.196-88-R06-L	0,6	30

P.97-45-R05-L — C45

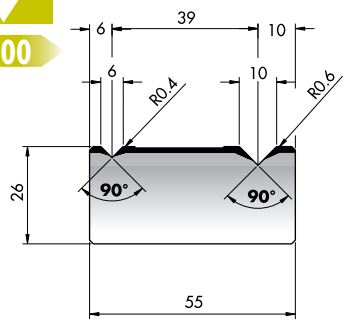
45° — 900



	R mm	max t/m
P.97-45-R05-L	0,5	80

M26-90-01-L — C45

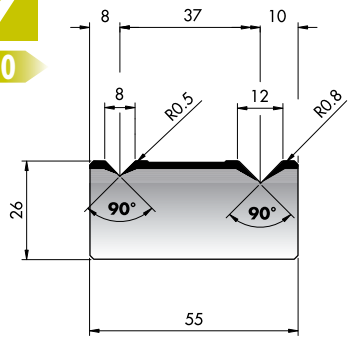
90° — 900



	max t/m
M26-90-01-L	100

M26-90-02-L — C45

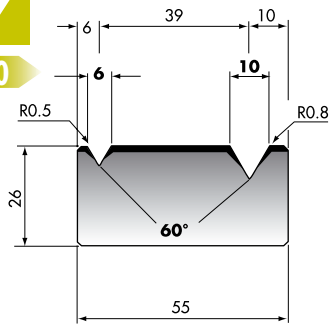
90° — 900



	max t/m
M26-90-02-L	100

M26-60-01-L — C45

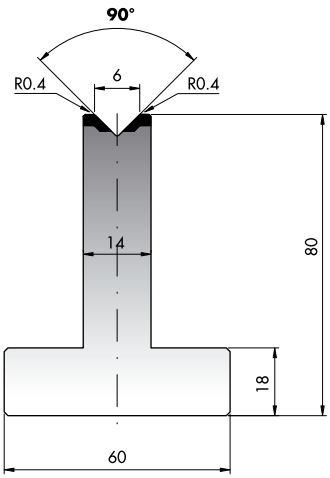
60° — 900



	max t/m
M26-60-01-L	60

T80-06-90-L — C45

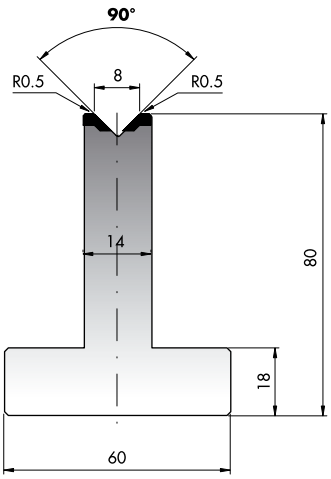
90° — 900



	max t/m
T80-06-90-L	100

T80-08-90-L — C45

90° — 900



	max t/m
T80-08-90-L	100

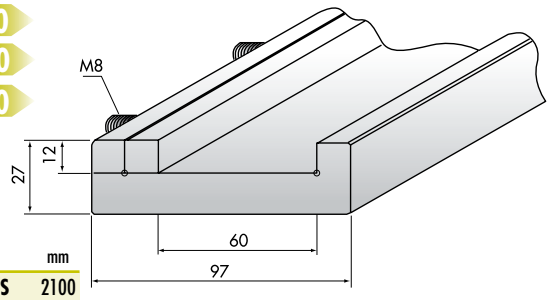
C45 560-710 N/mm² 42Cr 900-1150 N/mm²

PROMECAM-AMADA TYPE

HRc 54-60 (1980->2200 N/mm²)

C 2000/S C 2500/S C3000/S C4000/S

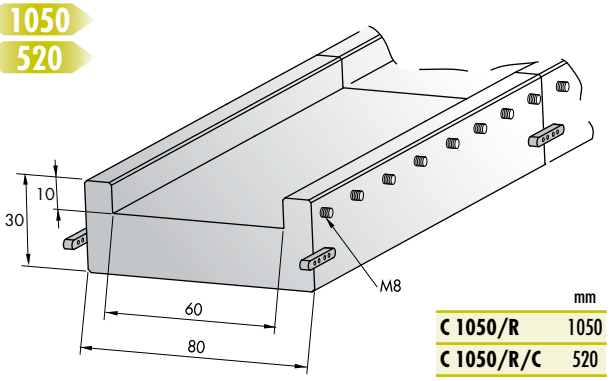
2100
2600
3100
4100



	mm
C 2000/S	2100
C 2500/S	2600
C 3000/S	3100
C 4000/S	4100

C 1050/R

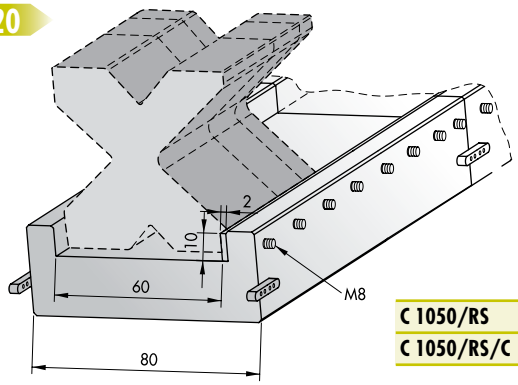
1050
520



	mm
C 1050/R	1050
C 1050/R/C	520

C 1050/RS

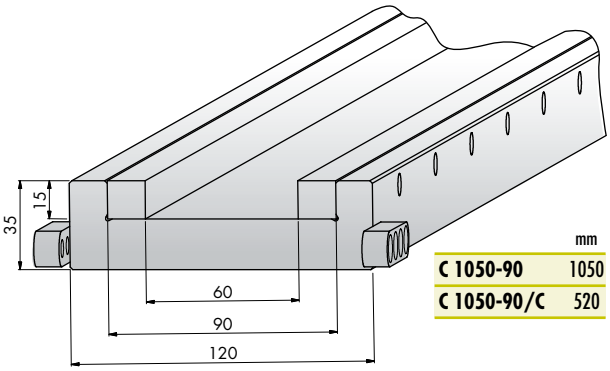
1050
520



	mm
C 1050/RS	1050
C 1050/RS/C	520

C 1050-90

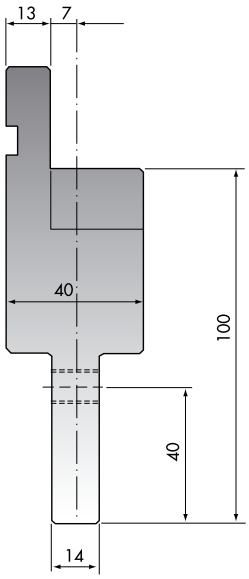
1050
520



	mm
C 1050-90	1050
C 1050-90/C	520

INT100 C45

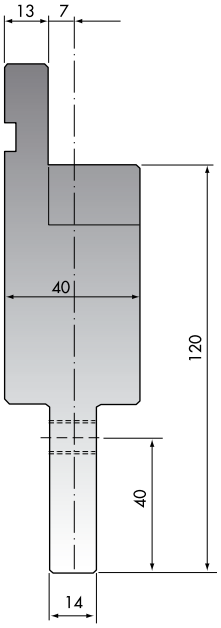
150



	max t/m
INT100	100

INT120 C45

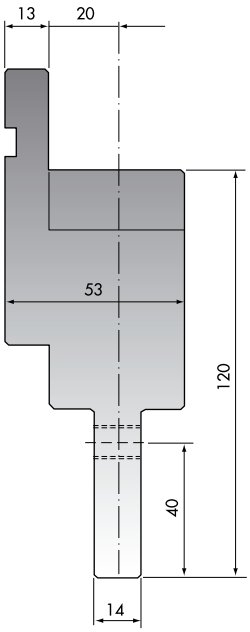
150



	max t/m
INT120	100

INT120-40 C45

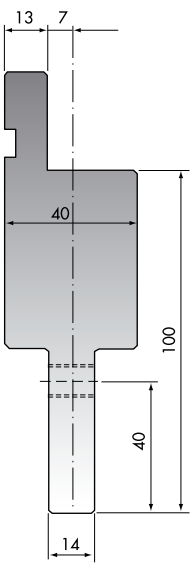
150



	max t/m
INT120-40	100

INT100 FISSO C45

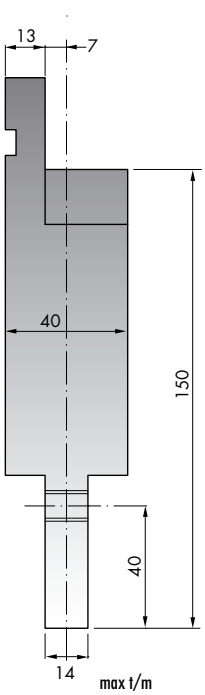
150



	max t/m
INT100 FISSO	100

INT150 C45

150



	max t/m
INT150	100

C45 560-710 N/mm²

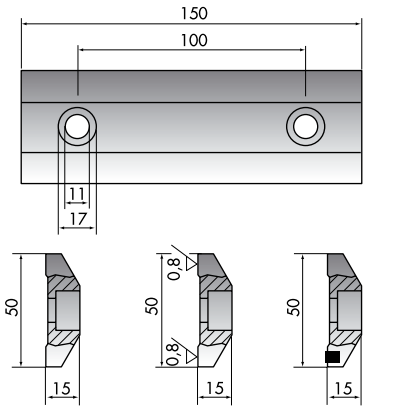
42Cr 900-1150 N/mm²

PROMECAM-AMADA TYPE

HRc 54-60 (1980->2200 N/mm²)

ST50 ST50R STG50 Fe37

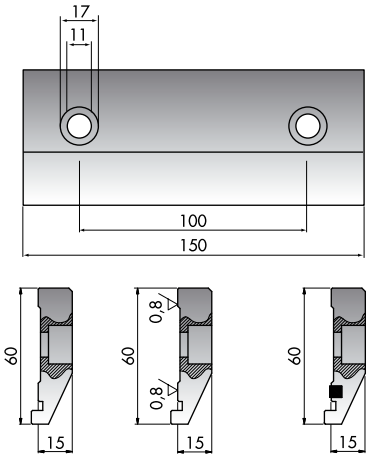
150



ST50 ST50R STG50

ST60 ST60R STG60 Fe37

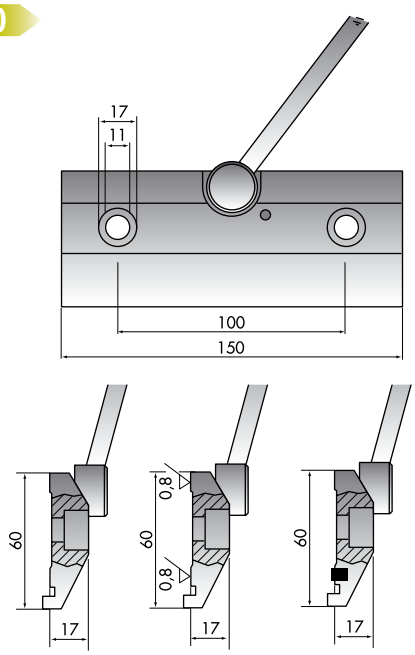
150



ST60 ST60R STG60

STL60 STL60R STLG60 Fe37

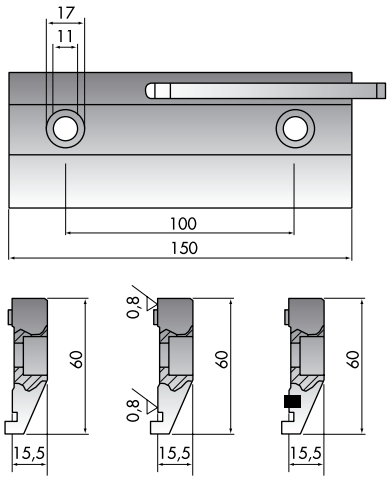
150



STL60 STL60R STLG60

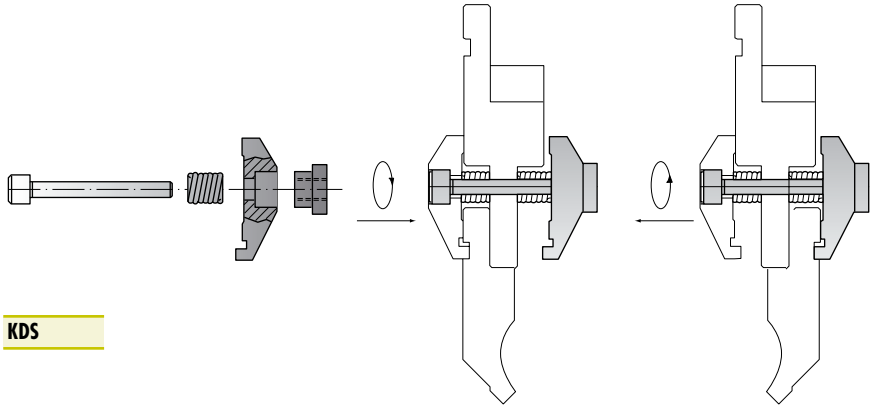
STX60 STX60R STXG60 Fe37

150



STX60 STX60R STXG60

KDS



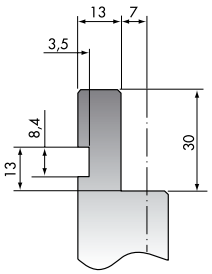
KDS

C45 560-710 N/mm² 42Cr 900-1150 N/mm²

PROMECAM-AMADA TYPE

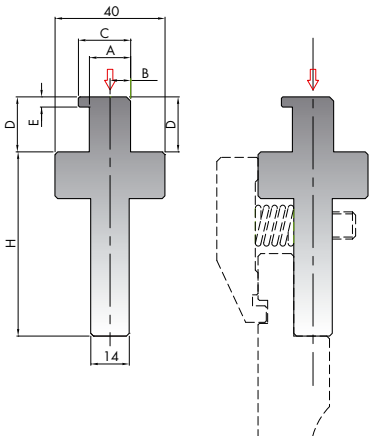
HRc 54-60 (1980->2200 N/mm²)

STANDARD



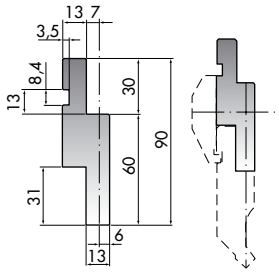
ADX C45

150



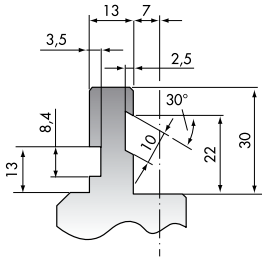
AD4 C45

150



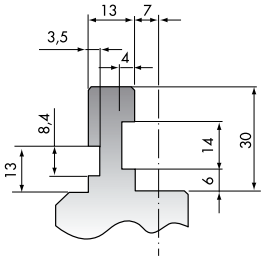
	max t/m
AD4	100

A1



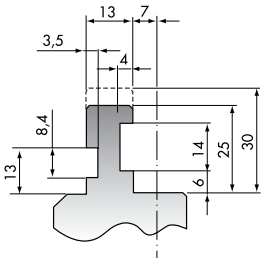
A1

A6



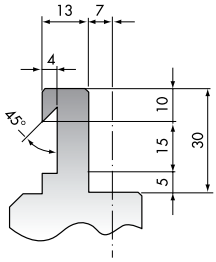
A6

A7



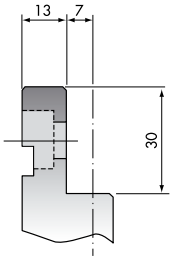
A7

A8



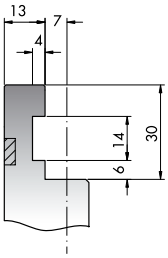
A8

A9



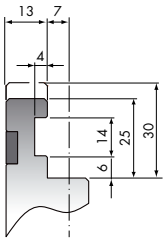
A9

A41



A41

A42

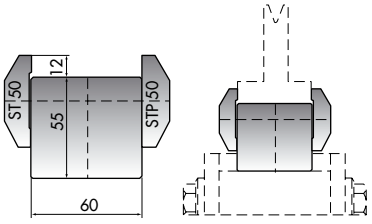


A42

CTS60 C45

835

415

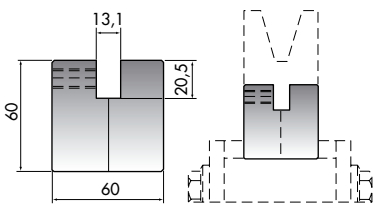


	mm
CTS60	835
CTS60/C	415

AD5 (PROMECAM/TRUMPF-BEYELER) C45

1000

500

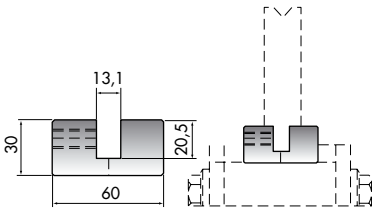


	mm
AD5	1000
AD5/C	500

AD6 (PROMECAM/TRUMPF-BEYELER) C45

1000

500



	mm
AD6	1000
AD6/C	500

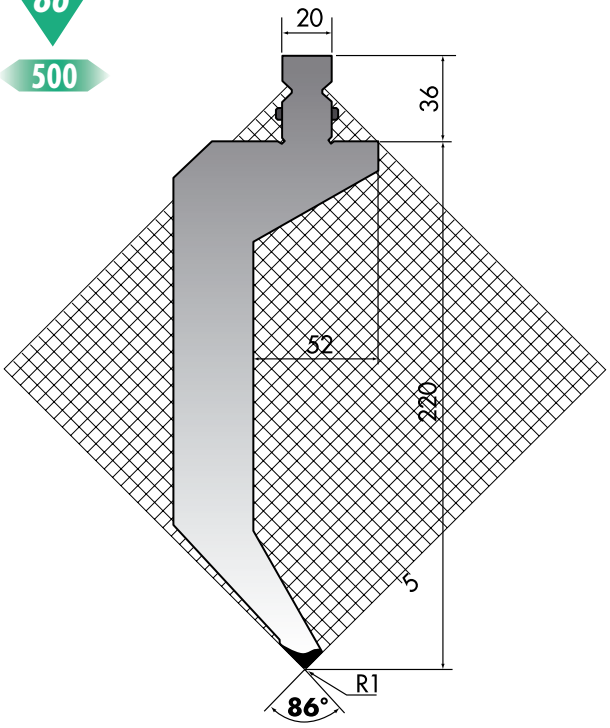

MANUALE
13,595
1,508

HRc 54-60 (1980->2200 N/mm²)

TPR256-86-R1 — 42Cr

86°

500

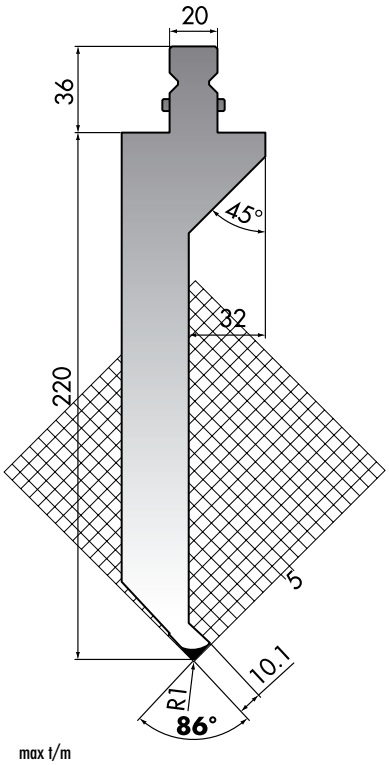


	max t/m
TPR256-86-R1	80

TPR256-86-R1-A — 42Cr

86°

500

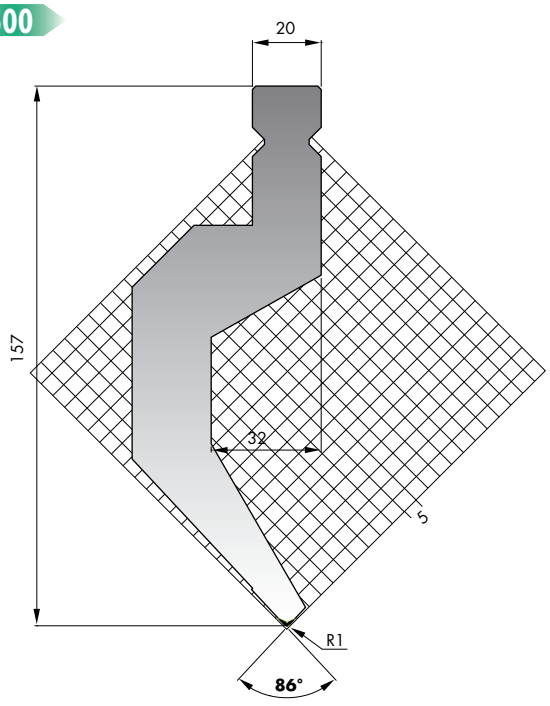


	max t/m
TPR256-86-R1-A	80

TPR157-86-R1 — 42Cr

86°

500

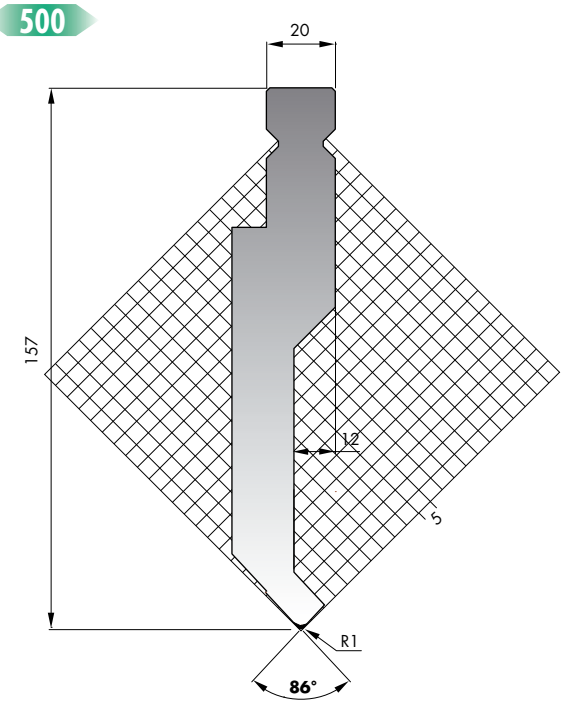


	max t/m
TPR157-86-R1	80

TPR157-86-R1-A — 42Cr

86°

500



	max t/m
TPR157-86-R1-A	80

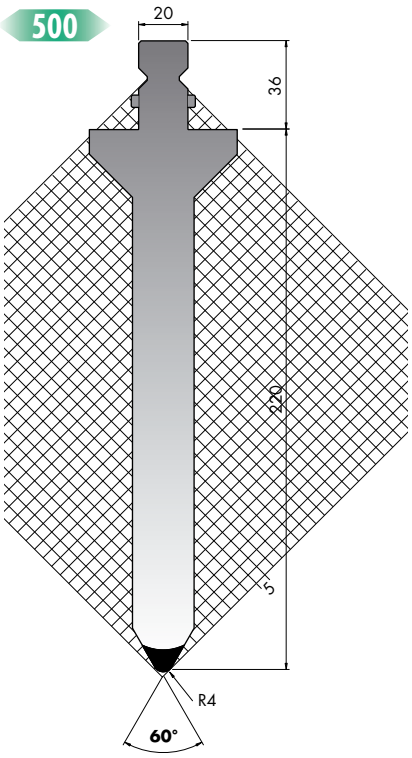
TRUMPF-WILA TYPE

HRc 54-60 (1980->2200 N/mm²)

TPR256-60-R4 — 42Cr

60°

500



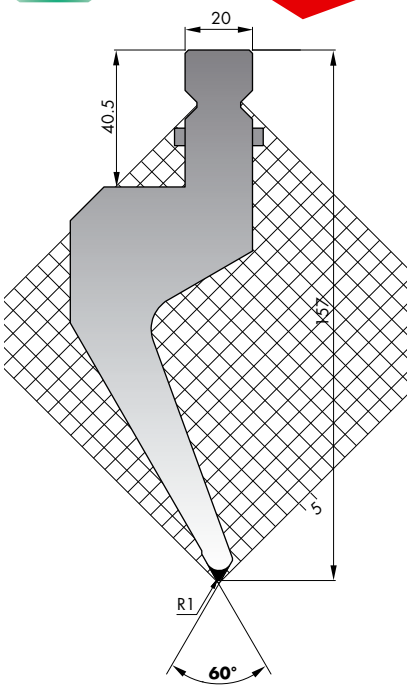
	max t/m
TPR256-60-R4	130

TPR157-60-R1 — 42Cr

60°

500

NEW

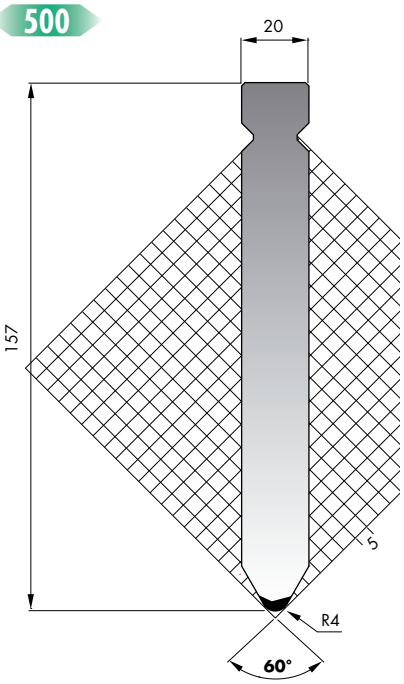


	max t/m
TPR157-60-R1	70

TPR157-60-R4 — 42Cr

60°

500

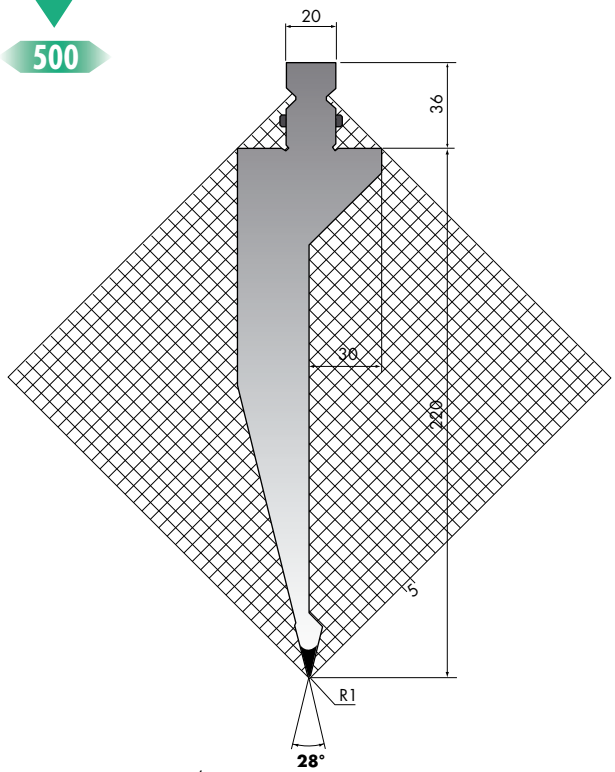


	max t/m
TPR157-60-R4	130

TPR256-28-R1 — 42Cr

28°

500

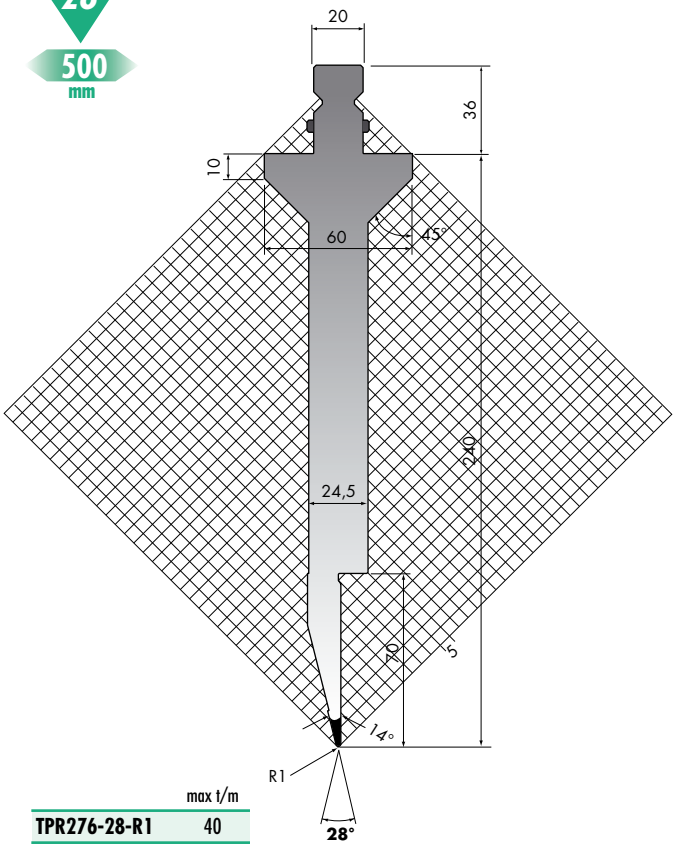


	max t/m
TPR256-28-R1	60

TPR276-28-R1 — 42Cr

28°

500 mm



	max t/m
TPR276-28-R1	40

C45 560-710 N/mm²

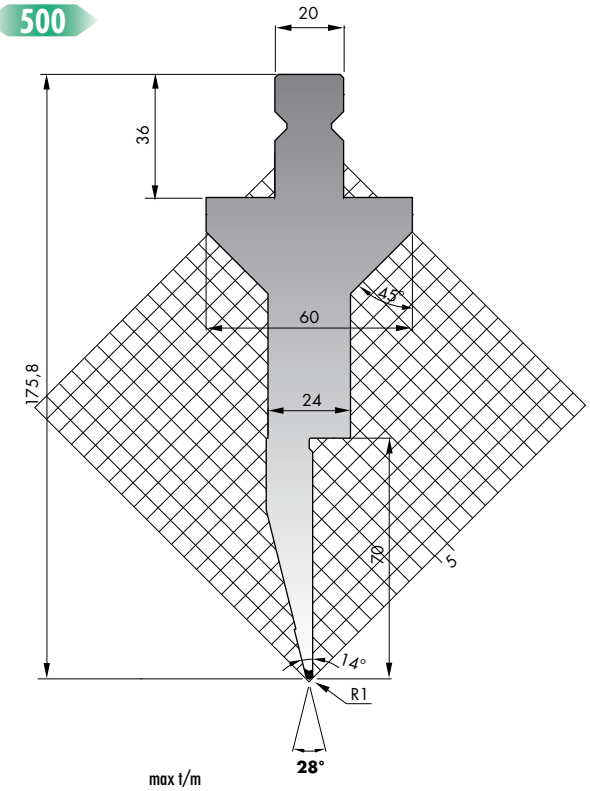
42Cr 900-1150 N/mm²

HRc 54-60 (1980->2200 N/mm²)

TPR176-28-R1 — 42Cr

28°

500

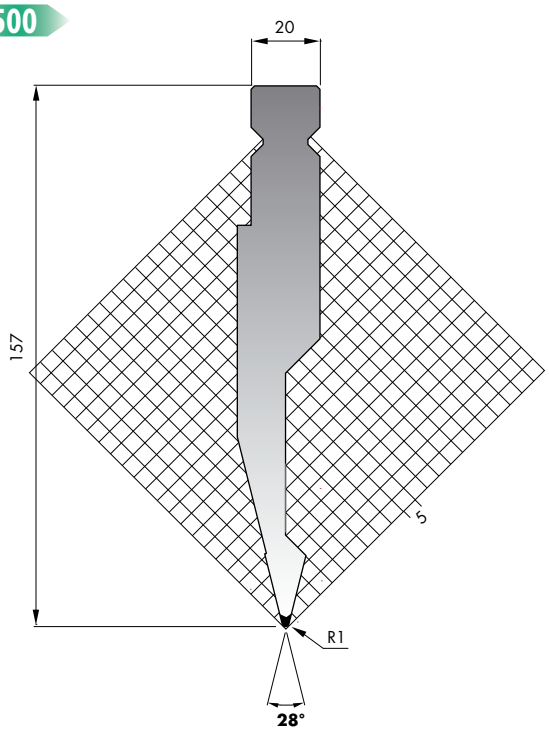


	max t/m
TPR176-28-R1	40

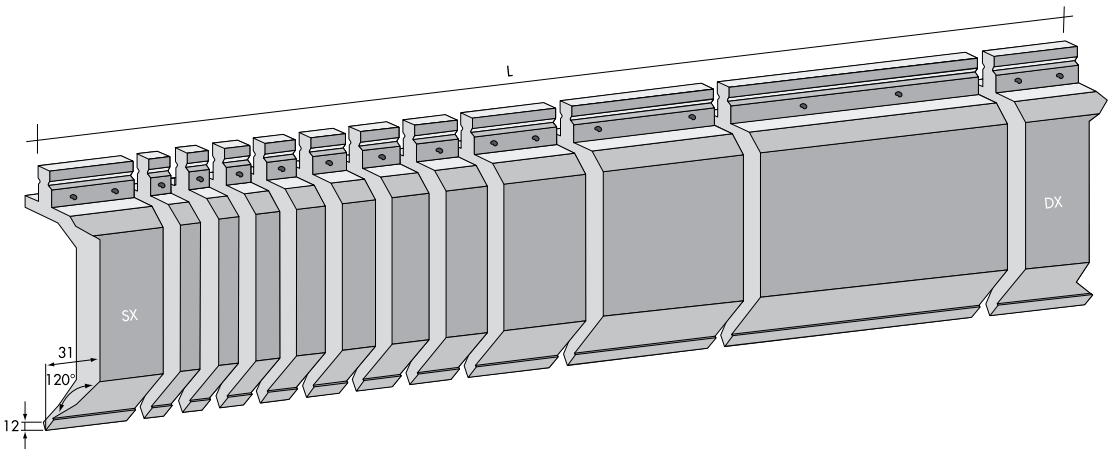
TPR157-28-R1 — 42Cr

28°

500



	max t/m
TPR157-28-R1	60



TPR2...6/FD/(L)

L
300
200
100
100 DX
100 SX
50
45
40
35
30
25

TPR2...6/FB/(L)

L	25	30	35	40	45	50	100 DX	100 SX	100	200	300
1250	2	1	1	1	1	1	1	1	1	2	1
2050	2	1	1	1	1	1	1	1	1	3	3
2550	2	1	1	1	1	1	1	1	1	4	4
3050	2	1	1	1	1	1	1	1	1	5	5
4050	2	1	1	1	1	1	1	1	1	7	7

TPR2...6/FA/(L)

L	25	30	35	40	45	50	100 DX	100 SX	100
1250	2	1	1	1	1	1	1	1	8
2050	2	1	1	1	1	1	1	1	16
2550	2	1	1	1	1	1	1	1	21
3050	2	1	1	1	1	1	1	1	26
4050	2	1	1	1	1	1	1	1	36

TPR2...6/FC/(L)

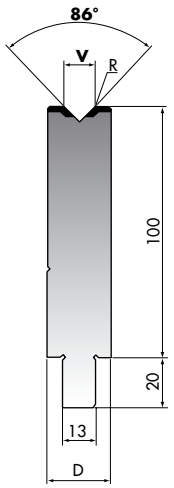
L	25	30	35	40	45	50
250	2	1	1	1	1	1

TRUMPF-WILA TYPE

HRc 54-60 (1980->2200 N/mm²)

TMR100-06-86÷TMR100-50-86

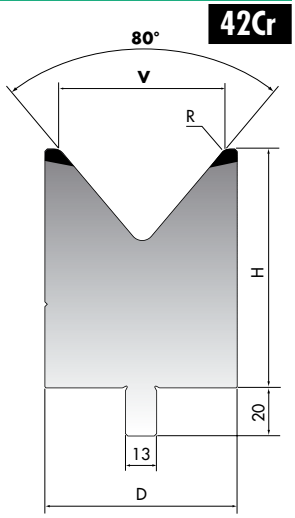
86° | 42Cr | 500



	V	R	D	max t/m
TMR100-06-86	6	0,6	20	120
TMR100-08-86	8	0,8	20	115
TMR100-10-86	10	1	20	110
TMR100-12-86	12	1	25	120
TMR100-16-86	16	1,6	30	120
TMR100-20-86	20	2	30	115
TMR100-24-86	24	2,5	35	120
TMR100-30-86	30	3	45	120
TMR100-40-86	40	3	55	120
TMR100-50-86	50	3	75	150

TMR100-60-80÷TMR120-100-80

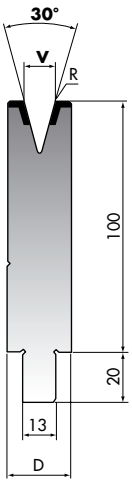
80° | 42Cr | 500



	V	H	R	D	max t/m
TMR100-60-80	60	100	5	75	150
TMR100-70-80	70	100	5	85	150
TMR100-80-80	80	100	5	100	150
TMR120-90-80	90	120	8	110	150
TMR120-100-80	100	120	8	120	150

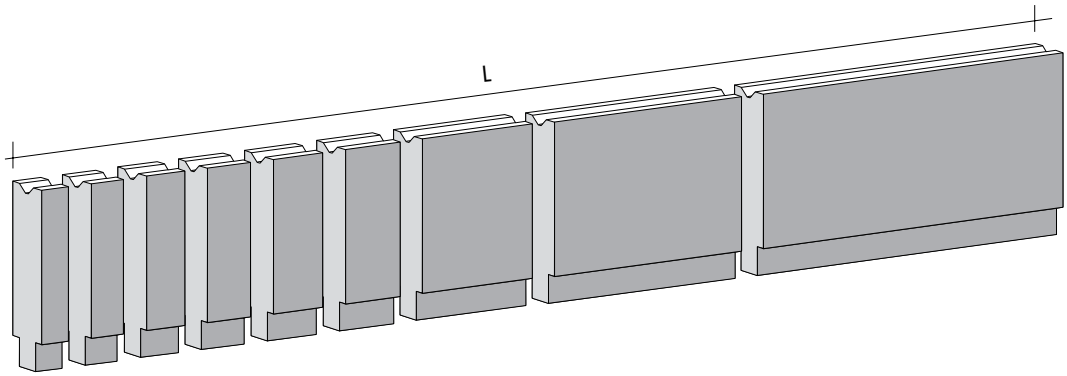
TMR100-06-30÷TMR100-30-30

30° | 42Cr | 500



	V	R	D	max t/m
TMR100-06-30	6	0,6	20	40
TMR100-08-30	8	1	20	40
TMR100-10-30	10	1	20	40
TMR100-12-30	12	1	25	40
TMR100-16-30	16	1,6	30	50
TMR100-20-30	20	2	35	60
TMR100-24-30	24	2,5	40	65
TMR100-30-30	30	3	55	90

TMR



TMR1...0/FA/(L)

L	25	30	35	40	45	50	100
1250	2	1	1	1	1	1	10
2050	2	1	1	1	1	1	18
2550	2	1	1	1	1	1	23
3050	2	1	1	1	1	1	28
4050	2	1	1	1	1	1	38

TMR1...0/FB/(L)

L	25	30	35	40	45	50	100	200	300	500
1250	2	1	1	1	1	1	3	2	1	0
2050	2	1	1	1	1	1	3	1	1	2
2550	2	1	1	1	1	1	3	1	1	3
3050	2	1	1	1	1	1	3	1	1	4
4050	2	1	1	1	1	1	3	1	1	6

TMR1...0/FC/(L)

L	25	30	35	40	45	50
250	2	1	1	1	1	1

TMR1...0/FD/(L)

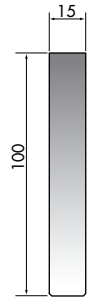
300
200
100
50
45
40
35
30
25

C45 560-710 N/mm² | 42Cr 900-1150 N/mm²

TRUMPF-WILA TYPE

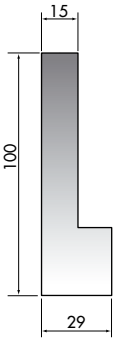
HRc 54-60 (1980->2200 N/mm²)

TMI100



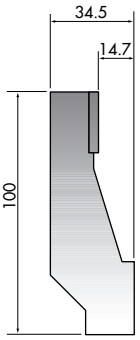
	max t/m
TMI100	130

TML100

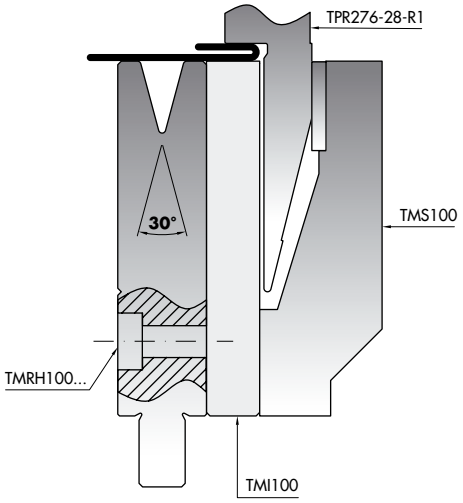


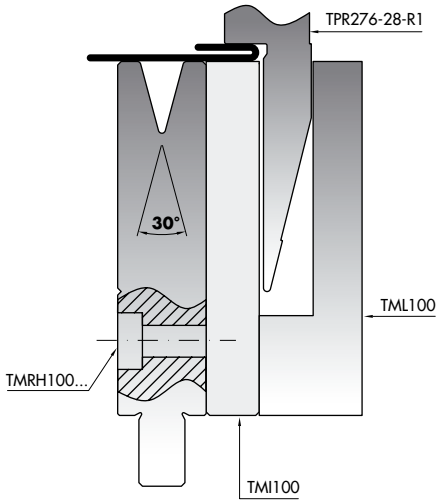
	max t/m
TML100	120

TMS100



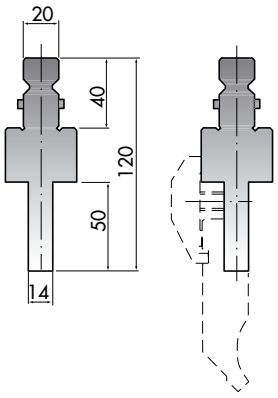
	max t/m
TMS100	130





AD11 (TRUMPF/PROMECAM)

150 | C45

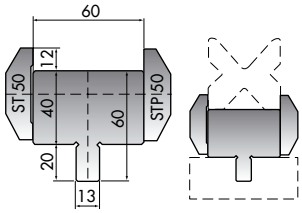


	max t/m
AD11	100

AD7 (TRUMPF-BEYELER/PROMECAM)

835 | C45

415



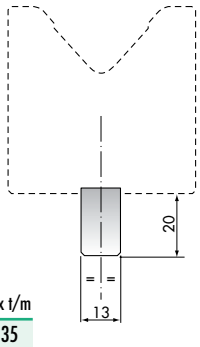
	max t/m
AD7	835
AD7/C	415

A30 (TRUMPF-BEYELER/PROMECAM)

835 | C45

415

805

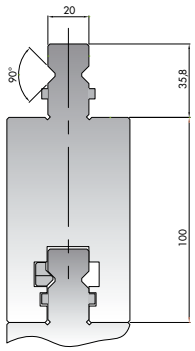


	max t/m
A30	835
A30/C	415
A30/F	805

L10 L15 +L25

AD21 (TRUMPF/TRUMPF)

150 | 42Cr



	max t/m
AD21	150

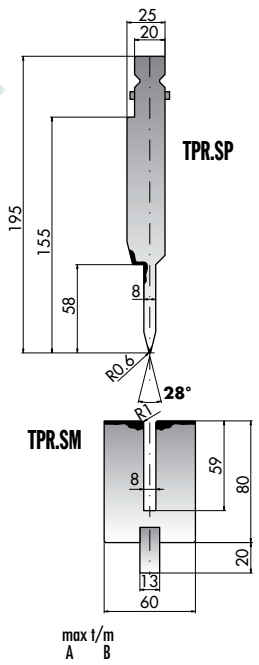
C45 560-710 N/mm²

42Cr 900-1150 N/mm²

TRUMPF-WILA TYPE

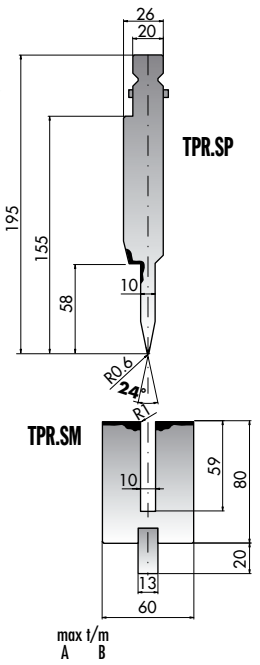
HRc 54-60 (1980->2200 N/mm²)

TPR.S (TPR.SP+TPR.SM) 42Cr — 28° — 525



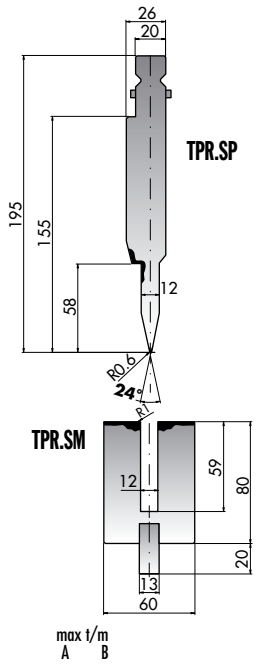
	max t/m A	B
TPR.S-195.28.8		
TPR.SP-195.28.8	80	100
TPR.SM-195.28.8	50	100

TPR.S (TPR.SP+TPR.SM) 42Cr — 24° — 525

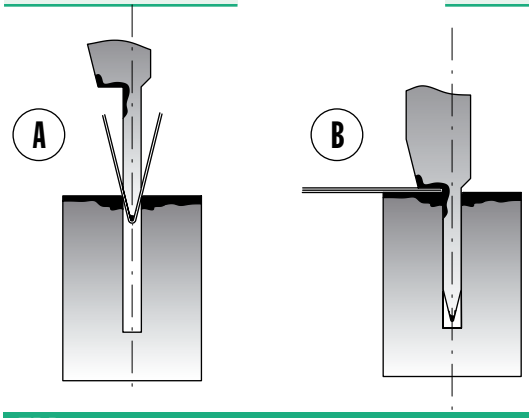


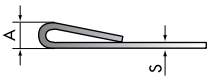
	max t/m A	B
TPR.S-195.24.10		
TPR.SP-195.24.10	80	100
TPR.SM-195.24.10	50	100

TPR.S (TPR.SP+TPR.SM) 42Cr — 24° — 525

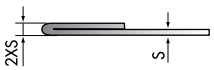


	max t/m A	B
TPR.S-195.24.12		
TPR.SP-195.24.12	80	100
TPR.SM-195.24.12	50	100





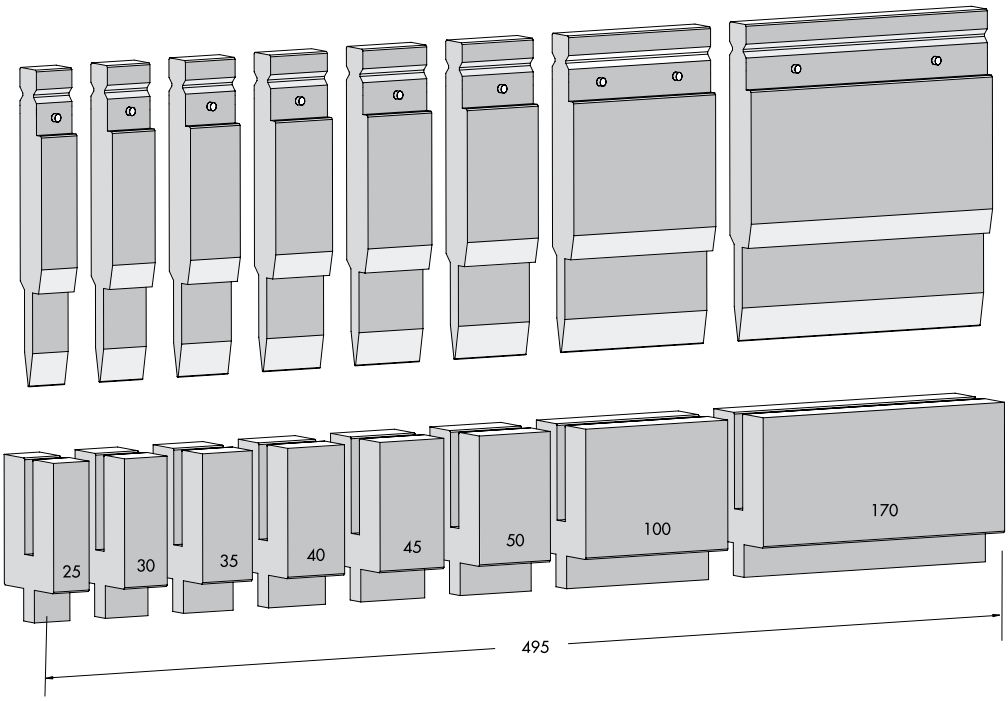
S mm	A mm	R.45 Kgf/mm² t/m	R.70 Kgf/mm² t/m
0,6	3,0	9	15
0,8	3,0	12	20
1,0	3,5	15	25
1,25	3,5	17	26
1,5	4,6	22	38
2,0	5,5	30	50



S mm	A mm	R.45 Kgf/mm² t/m	R.70 Kgf/mm² t/m
0,6	1,2	23	35
0,8	1,6	32	50
1,0	2,0	40	60
1,25	2,5	50	80
1,5	3,0	63	95
2,0	4,0	80	130

TPR

TPR.S-195.28.8/F
TPR.SP-195.28.8/F
TPR.SM-195.28.8/F
TPR.S-195.24.10/F
TPR.SP-195.24.10/F
TPR.SM-195.24.10/F
TPR.S-195.24.12/F
TPR.SP-195.24.12/F
TPR.SM-195.24.12/F

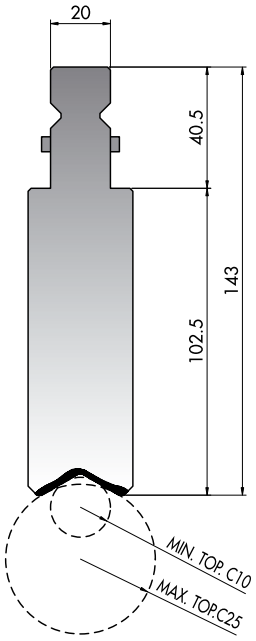


C45 560-710 N/mm² 42Cr 900-1150 N/mm²

HRc 54-60 (1980->2200 N/mm²)

TPR143.10 — 42Cr

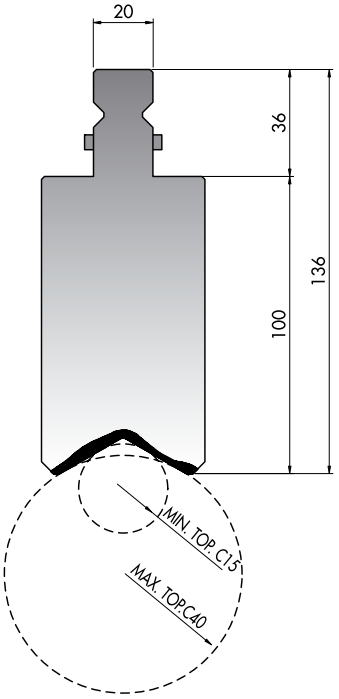
522



	max t/m
TPR143.10	100

TPR136.15 — 42Cr

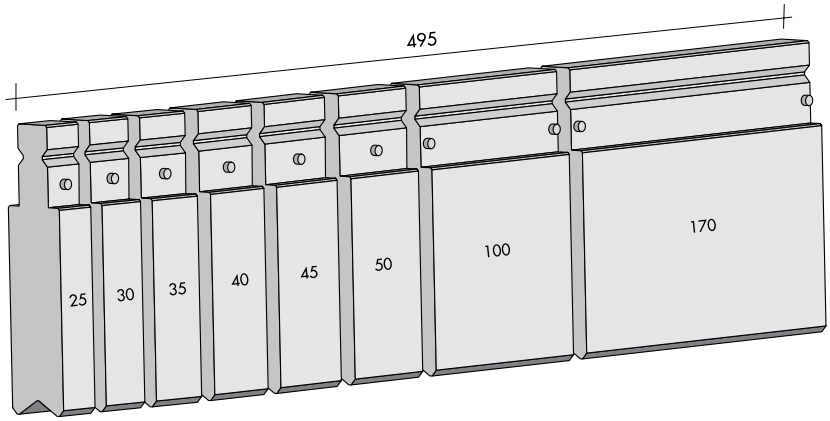
522



	max t/m
TPR136.15	100

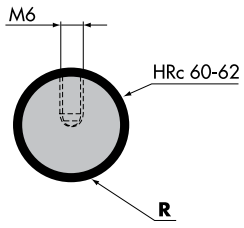
TPR

TPR...../F



TOP.C10 ÷ TOP.C40 — C45

525

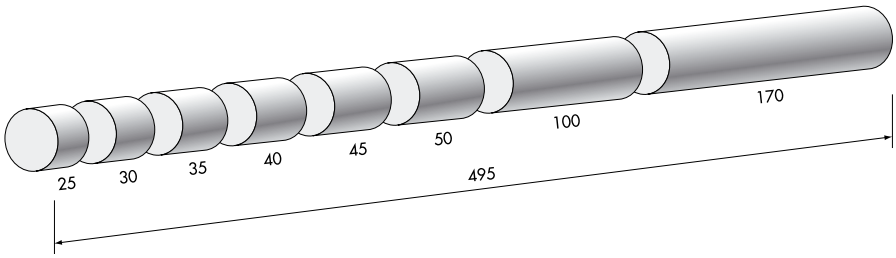


	R mm	max t/m
TOP.C10	10	100
TOP.C12.5	12,5	100
TOP.C15	15	100
TOP.C17.5	17,5	100

	R mm	max t/m
TOP.C20	20	100
TOP.C25	25	100
TOP.C30	30	100
TOP.C35	35	100
TOP.C40	40	100

TOP.C

...../F

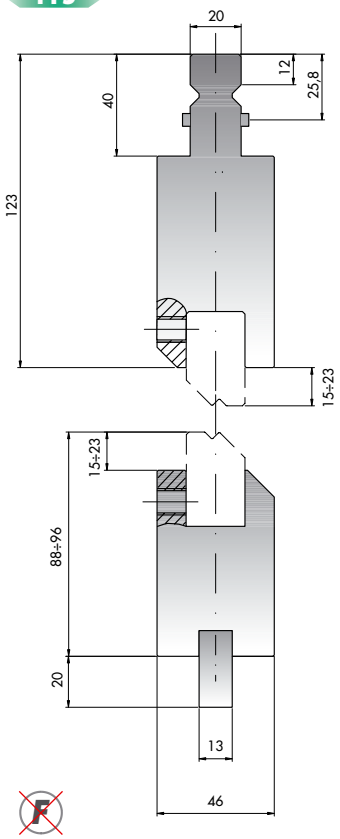


TRUMPF-WILA TYPE

HRc 54-60 (1980->2200 N/mm²)

TPZ — C45

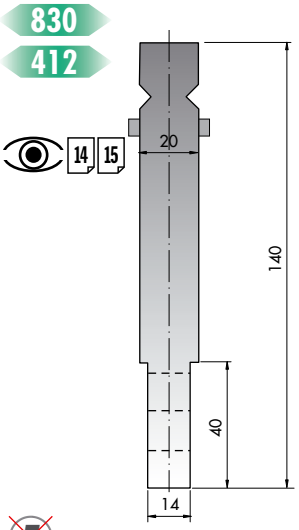
835
415



	mm	max t/m
TPZ	835	100
TPZ/C	415	100

TPR140-14 — C45

830
412



	mm	max t/m
TPR140-14	830	80
TPR140-14/C	412	80

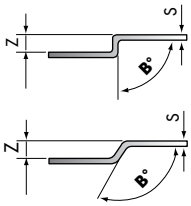
NEW

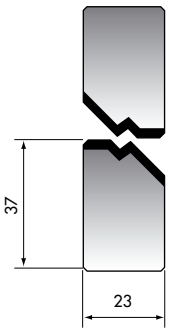
ROL1 GROOVE TPR

CEZ-1 ÷ CEZ-12 — C45

90° 140° 150° 160°

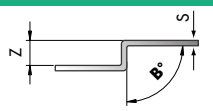
835 415

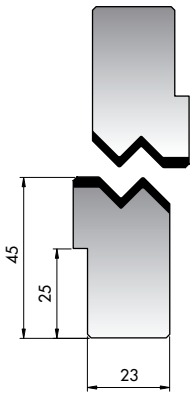




	Z mm	B°	S* mm	max t/m
CEZ-1	1	160°	1,2	100
CEZ-1.5	1,5	160°	1,5	100
CEZ-2	2	150°	1,4	100
CEZ-2.5	2,5	140°	1,3	100
CEZ-3	3	90°	1	100
CEZ-3.5	3,5	90°	1	100
CEZ-4	4	90°	1,2	100
CEZ-4.5	4,5	90°	1,2	100
CEZ-5	5	90°	1,3	100
CEZ-5,5	5,5	90°	1,4	100
CEZ-6	6	90°	1,5	100
CEZ-6.5	6,5	90°	1,5	100
CEZ-7	7	90°	1,5	100
CEZ-7.5	7,5	90°	1,6	100
CEZ-8	8	90°	1,6	100

* Fe Rmax = 42 Kg/mm²





	Z mm	B°	S* mm	max t/m
CEZ-9	9	90°	1,8	100
CEZ-10	10	90°	1,8	100
CEZ-11	11	90°	2	100
CEZ-12	12	90°	2	100
CEZ-13	13	90°	2	100
CEZ-14	14	90°	2	100
CEZ-15	15	90°	2,3	100

* Fe Rmax = 42 Kg/mm²

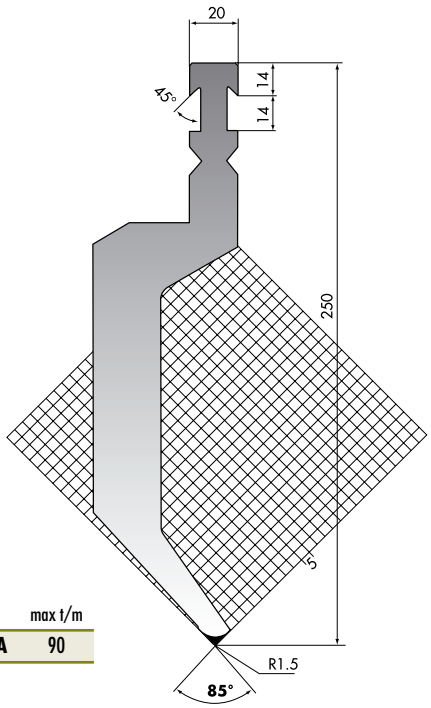
BEYELER TYPE

HRc 54-60 (1980->2200 N/mm²)

BPR250-P4-RFA — 42Cr

85°

508

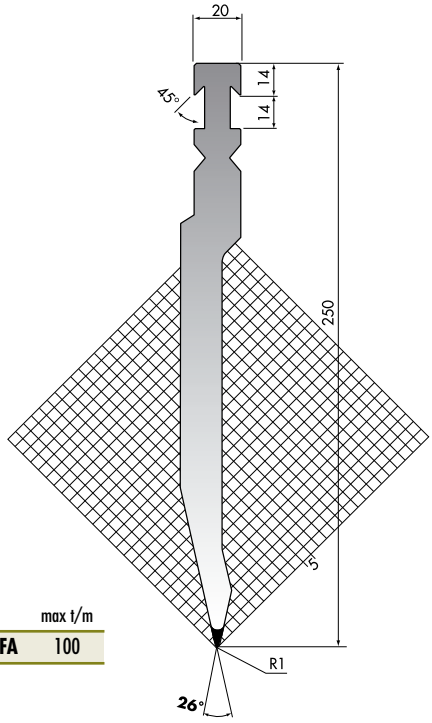


	max t/m
BPR250-P4-RFA	90

BPR250-P5-RFA — 42Cr

26°

508

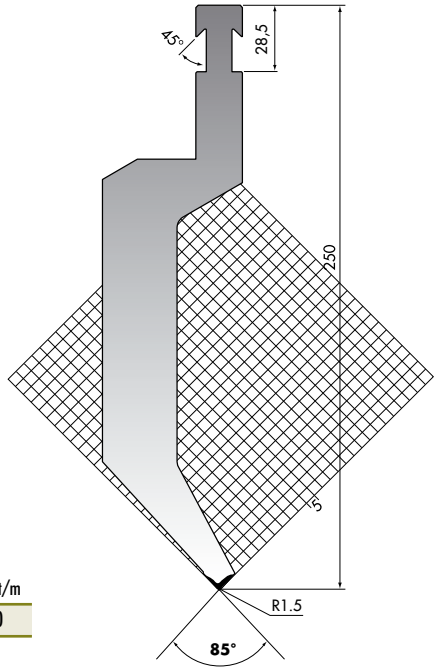


	max t/m
BPR250-P5-RFA	100

BPR250-P4-RF — 42Cr

85°

508

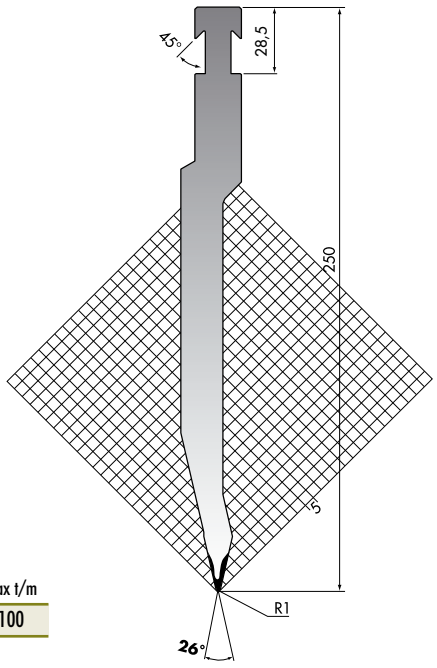


	max t/m
BPR250-P4-RF	90

BPR250-P5-RF — 42Cr

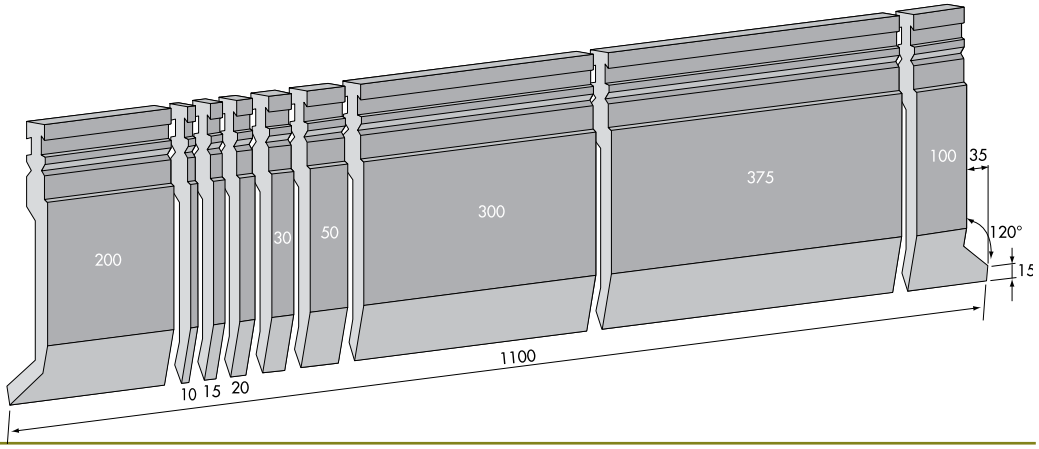
26°

508



	max t/m
BPR250-P5-RF	100

BPR



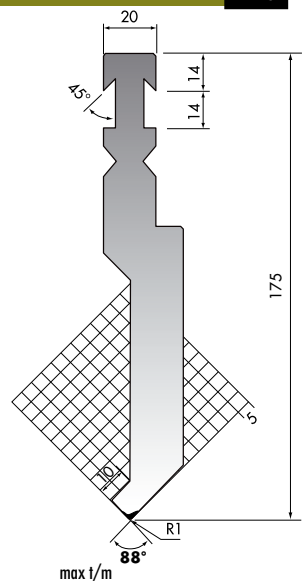
BPR250...../F

BEYELER TYPE

HRc 54-60 (1980->2200 N/mm²)

BP175-88-R1-A-RFA — 42Cr

88° — 1000

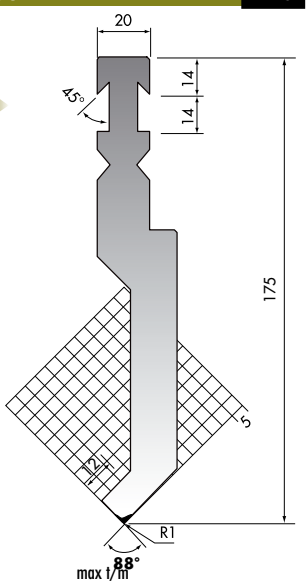


max t/m

BP175-88-R1-A-RFA	100

BP175-88-R1-B-RFA — 42Cr

88° — 1000

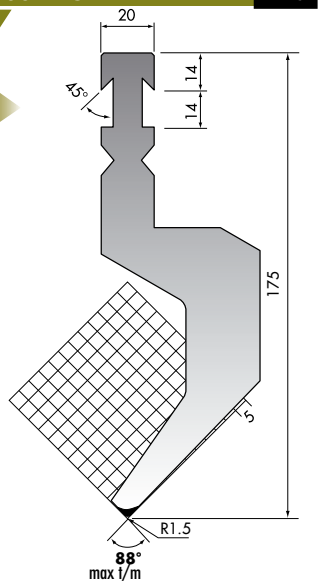


max t/m

BP175-88-R1-B-RFA	100

BP175-88-R15-RFA — 42Cr

88° — 1000

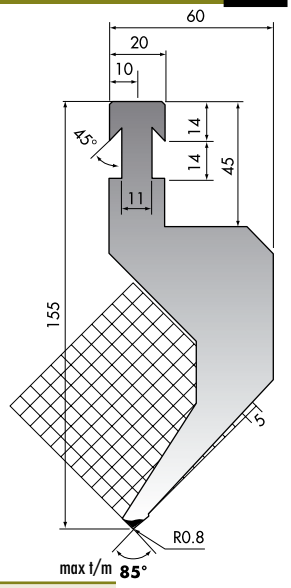


max t/m

BP175-88-R15-RFA	50

BP155-85-R08-R — 42Cr

85° — 1000

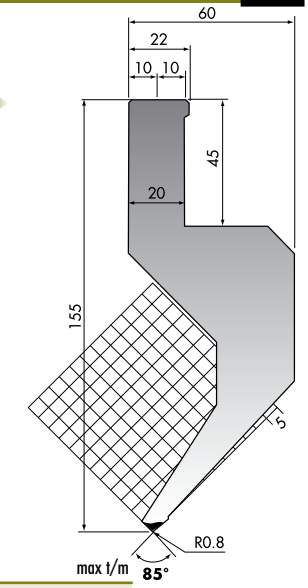


max t/m

BP155-85-R08-R	50

BP155-85-R08-S — 42Cr

85° — 1000

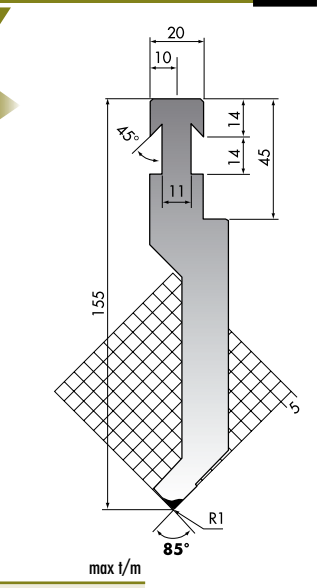


max t/m

BP155-85-R08-S	50

BP155-85-R1-R — 42Cr

85° — 1000

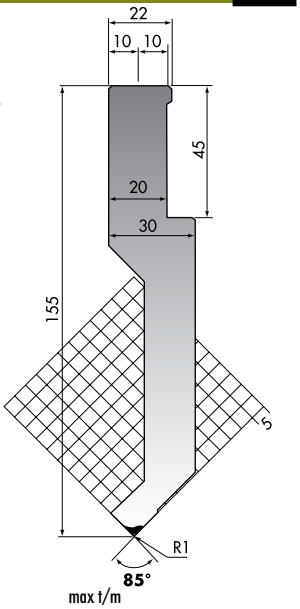


max t/m

BP155-85-R1-R	100

BP155-85-R1-S — 42Cr

85° — 1000

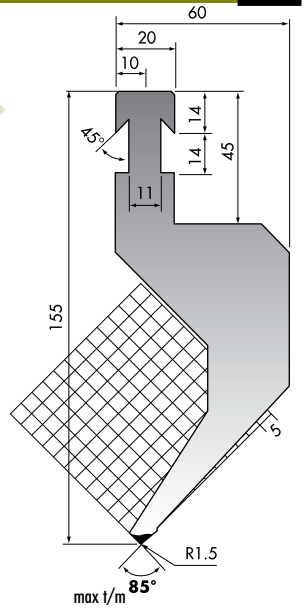


max t/m

BP155-85-R1-S	100

BP155-85-R15-R — 42Cr

85° — 1000

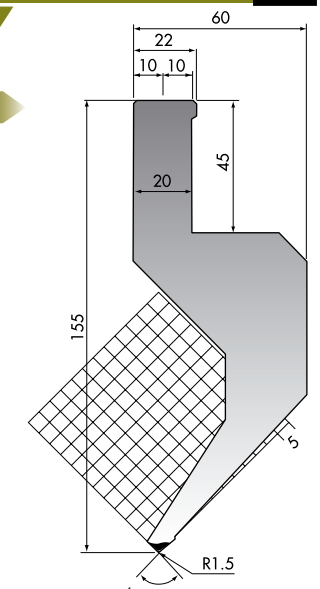


max t/m

BP155-85-R15-R	50

BP155-85-R15-S — 42Cr

85° — 1000



max t/m

BP155-85-R15-S	50

C45 560-710 N/mm²

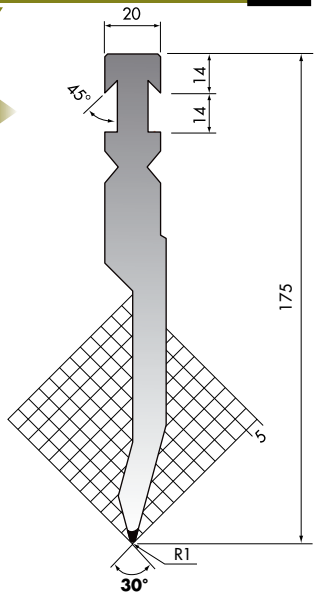
42Cr 900-1150 N/mm²

BEYELER TYPE

HRc 54-60 (1980->2200 N/mm²)

BP175-30-R1-RFA 42Cr

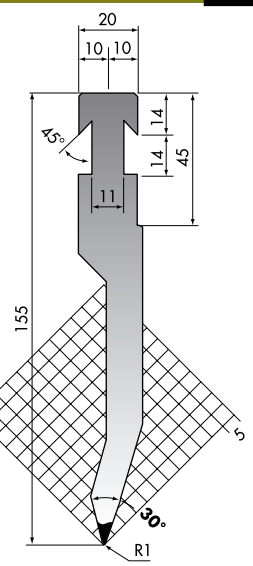
30° 1000



	max t/m
BP175-30-R1-RFA	80

BP155-30-R1-R 42Cr

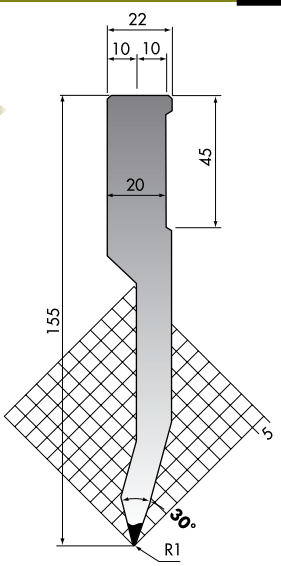
30° 1000



	max t/m
BP155-30-R1-R	80

BP155-30-R1-S 42Cr

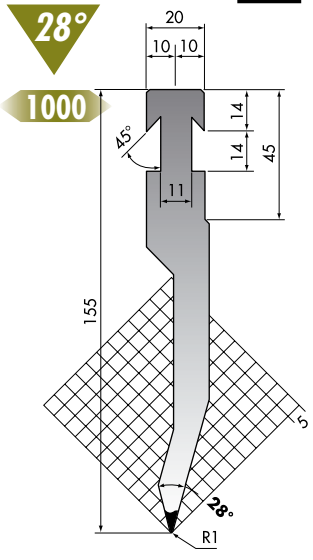
30° 1000



	max t/m
BP155-30-R1-S	80

BP155-28-R1-R 42Cr

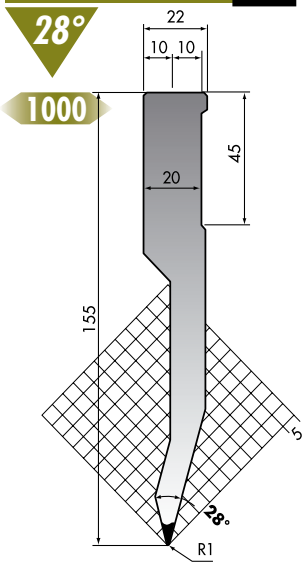
28° 1000



	max t/m
BP155-28-R1-R	80

BP155-28-R1-S 42Cr

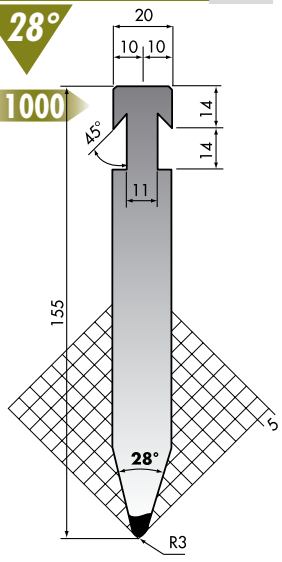
28° 1000



	max t/m
BP155-28-R1-S	80

BP155-28-R3-R C45

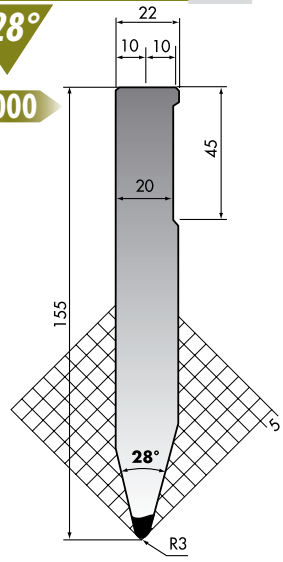
28° 1000



	max t/m
BP155-28-R3-R	100

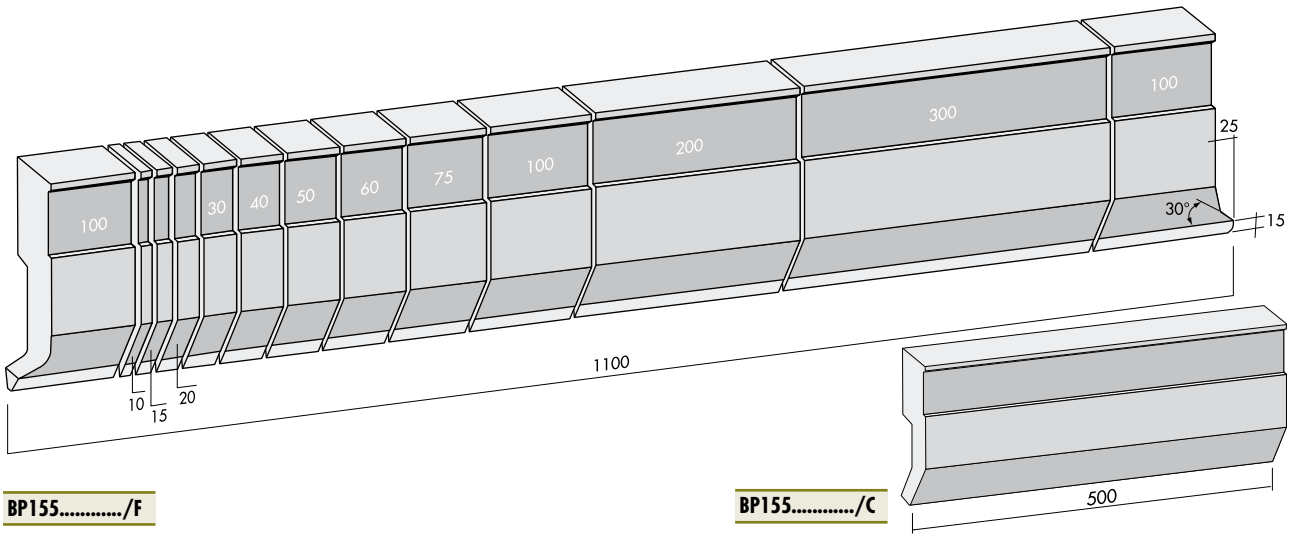
BP155-28-R3-S C45

28° 1000



	max t/m
BP155-28-R3-S	100

BP



BP155...../F

BP155...../C

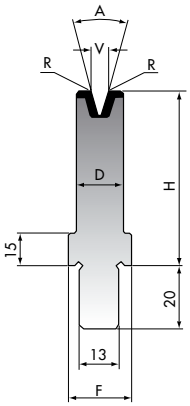
BEYELER TYPE

HRc 54-60 (1980->2200 N/mm²)

BMR55-06-90 ÷ BMR60-32-30 — 42Cr

90° 88° 85° 80° 60° 30°

1000



	V mm	A°	R mm	D mm	H mm	F mm	max t/m
BMR55-06-90	6	90	0,4	15	55	25	115
BMR55-08-90	8	90	0,5	15	55	25	110
BMR55-10-90	10	90	1	20	55	25	110
BMR55-12-90	12	90	1,5	20	55	25	120
BMR55-16-90	16	90	2	30	55	30	120

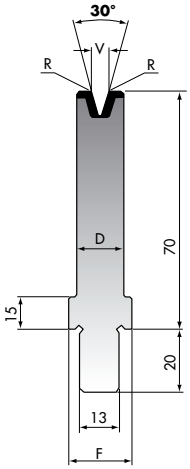
	V mm	A°	R mm	D mm	H mm	F mm	max t/m
BMR55-10-88	10	88	1	20	55	25	110
BMR55-12-88	12	88	1,5	20	55	25	120
BMR55-16-88	16	88	2	30	55	30	120
BMR55-20-88	20	88	2	30	55	30	110
BMR55-24-88	24	88	3	40	55	40	120
	V mm	A°	R mm	D mm	H mm	F mm	max t/m
BMR55-32-85	32	85	4	50	55	50	120
BMR55-40-85	40	85	4	55	55	55	120
BMR65-80-80	80	80	10	100	65	100	170
BMR85-100-80	100	80	12	125	85	125	230
BMR55-40-60	40	60	5	55	55	55	130
BMR55-50-60	50	60	5	70	55	70	120
BMR65-60-60	60	60	7	80	65	80	110

	V mm	A°	R mm	D mm	H mm	F mm	max t/m 90°	max t/m 60°	max t/m 30°
BMR55-06-30	6	30	0,6	15	55	25	90	50	35
BMR55-08-30	8	30	0,8	15	55	25	70	40	20
BMR55-10-30	10	30	1	20	55	25	80	50	35
BMR55-12-30	12	30	1,5	20	55	25	70	45	30
BMR55-16-30	16	30	2	30	55	30	105	65	45
BMR55-20-30	20	30	2,5	35	55	35	105	70	50
BMR55-24-30	24	30	3	40	55	40	105	70	55
BMR60-32-30	32	30	4	60	60	60	150	80	65

BMR70-08-30 ÷ BMR70-16-30 — 42Cr

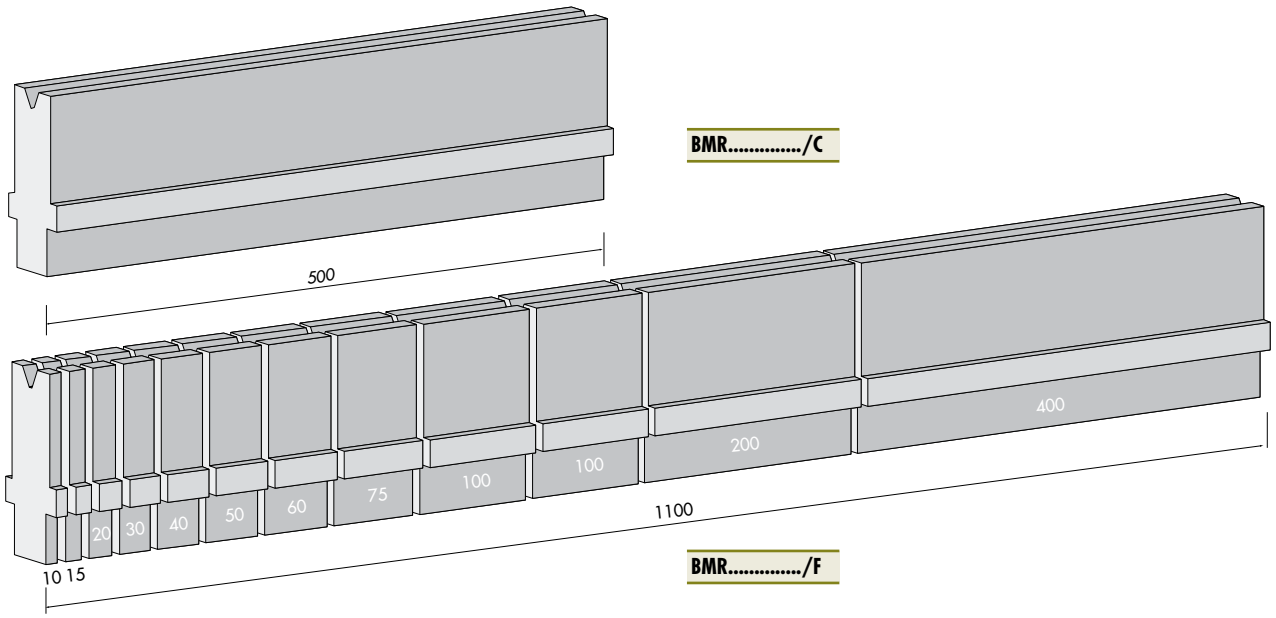
30°

1000



	V mm	R mm	D mm	F mm	max t/m 90°	max t/m 60°	max t/m 30°
BMR70-08-30	8	0,75	20	25	70	40	20
BMR70-10-30	10	1	20	25	80	50	35
BMR70-12-30	12	1,5	25	25	70	45	30
BMR70-16-30	16	2	30	30	105	65	45

BMR



BMR...../C

BMR...../F

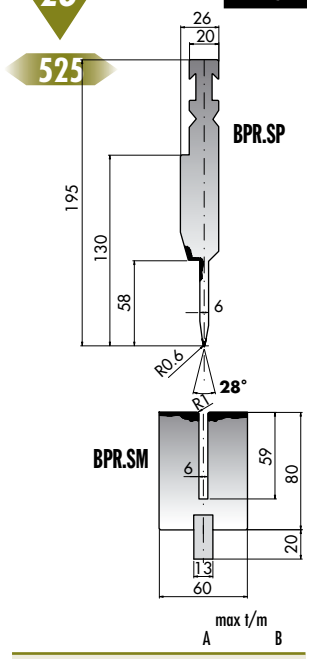
C45 560-710 N/mm²

42Cr 900-1150 N/mm²

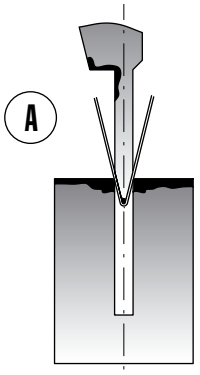
BEYELER TYPE

HRc 54-60 (1980->2200 N/mm²)

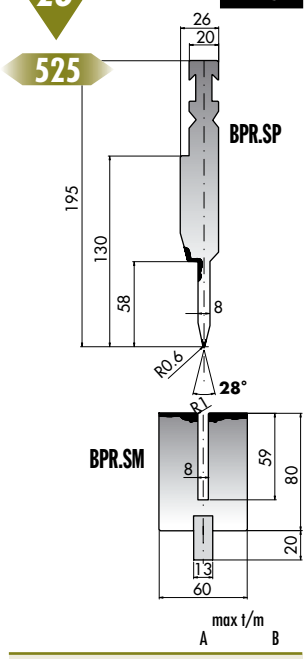
BPR.S (BPR.SP+BPR.SM) 28° 42Cr



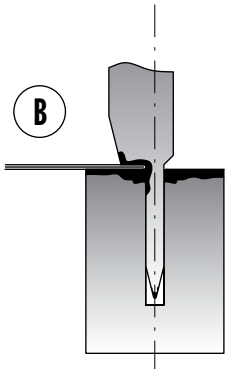
	max t/m A	B
BPR.S-195.28.6		
BPR.SP-195.28.6	50	100
BPR.SM-195.28.6	50	100



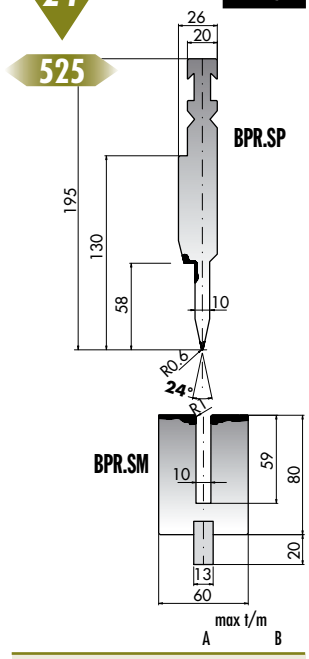
BPR.S (BPR.SP+BPR.SM) 28° 42Cr



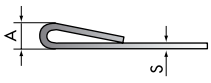
	max t/m A	B
BPR.S-195.28.8		
BPR.SP-195.28.8	80	100
BPR.SM-195.28.8	50	100



BPR.S (BPR.SP+BPR.SM) 24° 42Cr

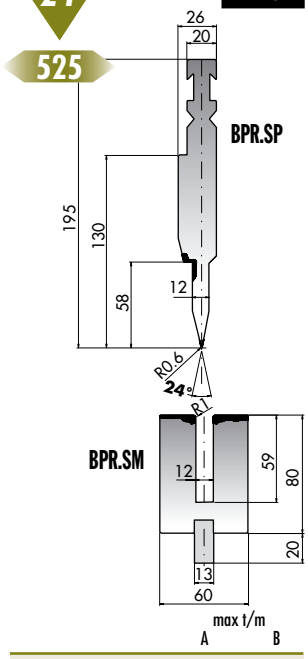


	max t/m A	B
BPR.S-195.24.10		
BPR.SP-195.24.10	80	100
BPR.SM-195.24.10	50	100



S mm	A mm	R.45 Kgf/mm² t/m	R.70 Kgf/mm² t/m
0,6	3,0	9	15
0,8	3,0	12	20
1,0	3,5	15	25
1,25	3,5	17	26
1,5	4,6	22	38
2,0	5,5	30	50

BPR.S (BPR.SP+BPR.SM) 24° 42Cr



	max t/m A	B
BPR.S-195.24.12		
BPR.SP-195.24.12	80	100
BPR.SM-195.24.12	50	100

S mm	A mm	R.45 Kgf/mm² t/m	R.70 Kgf/mm² t/m
0,6	1,2	23	35
0,8	1,6	32	50
1,0	2,0	40	60
1,25	2,5	50	80
1,5	3,0	63	95
2,0	4,0	80	130

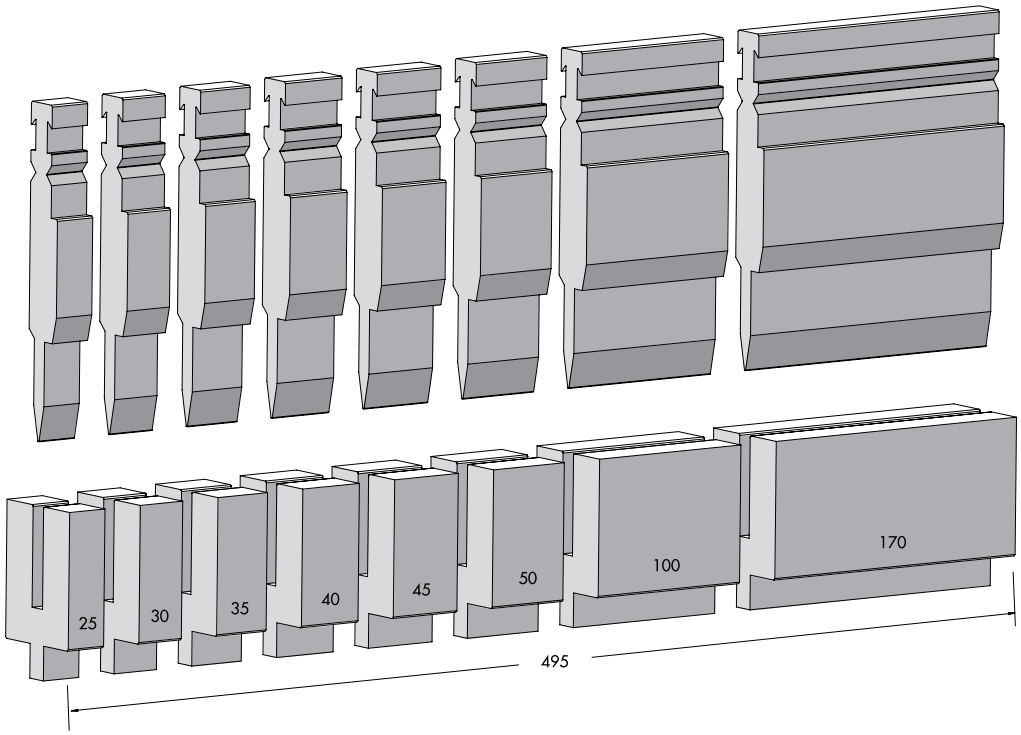
BPR

BPR.S-195.28.6/F
BPR.SP-195.28.6/F
BPR.SM-195.28.6/F

BPR.S-195.28.8/F
BPR.SP-195.28.8/F
BPR.SM-195.28.8/F

BPR.S-195.24.10/F
BPR.SP-195.24.10/F
BPR.SM-195.24.10/F

BPR.S-195.24.12/F
BPR.SP-195.24.12/F
BPR.SM-195.24.12/F

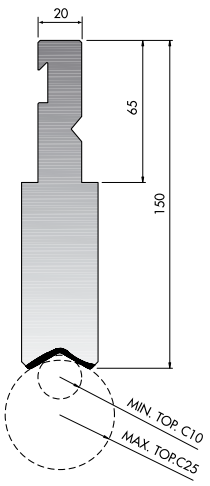


BEYELER TYPE

HRc 54-60 (1980->2200 N/mm²)

BPR150-P10-10-RFA 42Cr

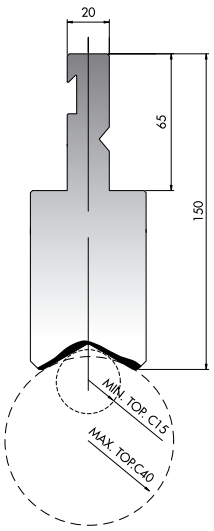
522



	max t/m
BPR150-P10-10-RFA	100

BPR150-P10-15-RFA 42Cr

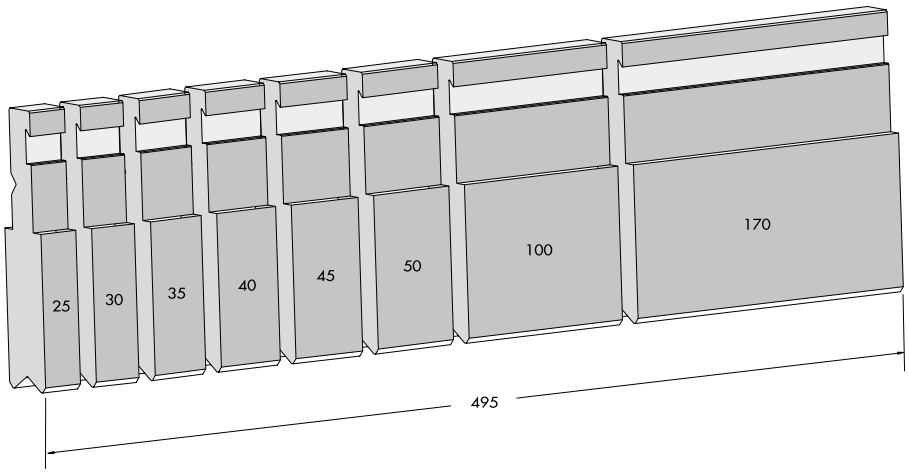
522



	max t/m
BPR150-P10-15-RFA	100

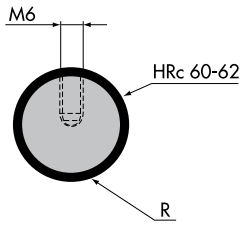
BPR

BPR150-P10...../F



TOP.C10 ÷ TOP.C40 C45

525

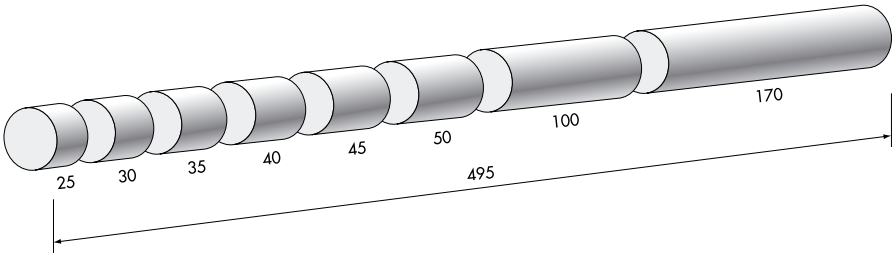


	R mm	max t/m
TOP.C10	10	100
TOP.C12.5	12,5	100
TOP.C15	15	100
TOP.C17.5	17,5	100

	R mm	max t/m
TOP.C20	20	100
TOP.C25	25	100
TOP.C30	30	100
TOP.C35	35	100
TOP.C40	40	100

TOP.C

TOP.C...../F



C45 560-710 N/mm²

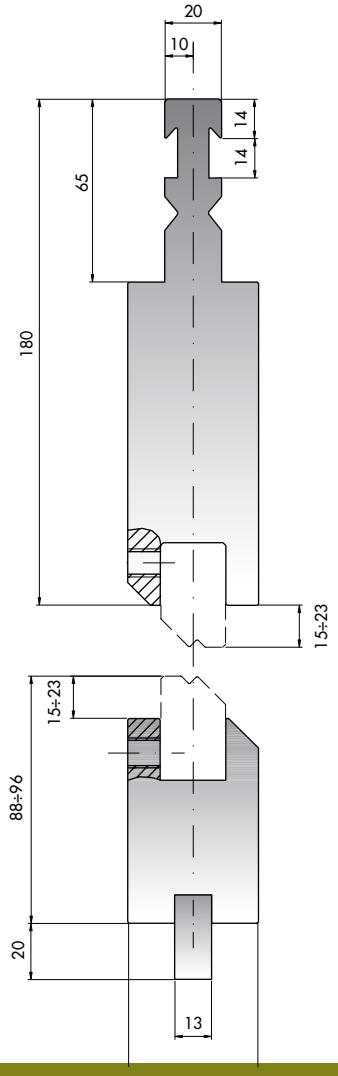
42Cr 900-1150 N/mm²

BPZ

C45

835

415

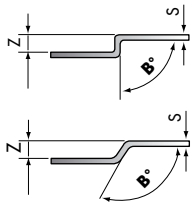


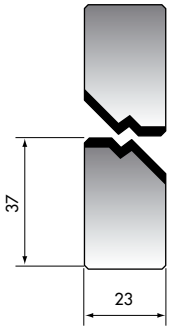
	mm	max t/m
BPZ	835	100
BPZ/C	415	100

CEZ-1 ÷ CEZ-12

C45

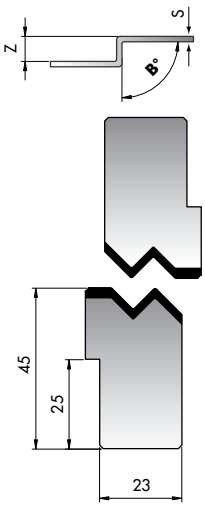
90° 140° 150° 160° 835 415





	Z mm	B°	S* mm	max t/m
CEZ-1	1	160°	1,2	100
CEZ-1.5	1,5	160°	1,5	100
CEZ-2	2	150°	1,4	100
CEZ-2.5	2,5	140°	1,3	100
CEZ-3	3	90°	1	100
CEZ-3.5	3,5	90°	1	100
CEZ-4	4	90°	1,2	100
CEZ-4.5	4,5	90°	1,2	100
CEZ-5	5	90°	1,3	100
CEZ-5,5	5,5	90°	1,4	100
CEZ-6	6	90°	1,5	100
CEZ-6.5	6,5	90°	1,5	100
CEZ-7	7	90°	1,5	100
CEZ-7.5	7,5	90°	1,6	100
CEZ-8	8	90°	1,6	100

* Fe Rmax = 42 Kg/mm²



	Z mm	B°	S* mm	max t/m
CEZ-9	9	90°	1,8	100
CEZ-10	10	90°	1,8	100
CEZ-11	11	90°	2	100
CEZ-12	12	90°	2	100
CEZ-13	13	90°	2	100
CEZ-14	14	90°	2	100
CEZ-15	15	90°	2,3	100

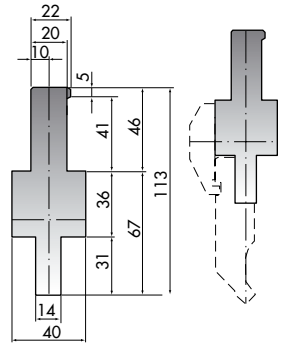
* Fe Rmax = 42 Kg/mm²

BEYELER TYPE

HRc 54-60 (1980->2200 N/mm²)

AD3 (BEYELER S/PROMECAM)

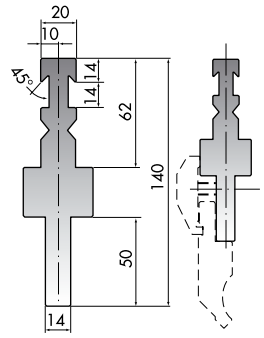
150 C45



	max t/m
AD3	100

AD10 (BEYELER RF-A/PROMECAM)

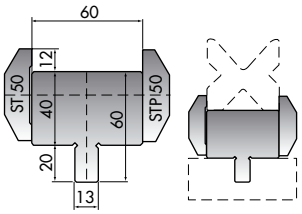
150 C45



	max t/m
AD10	100

AD7 (TRUMPF-BEYELER/PROMECAM)

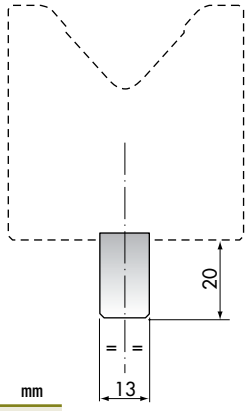
835 415 C45



	mm
AD7	835
AD7/C	415

A30 (TRUMPF-BEYELER/PROMECAM)

835 415 805



	mm
A30	835
A30/C	415
A30/F	805

L10 L15 +L25

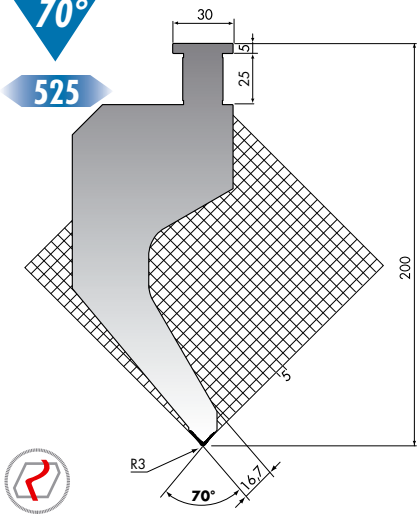
C45 560-710 N/mm² 42Cr 900-1150 N/mm²

HRc 54-60 (1980->2200 N/mm²)

GASP200-70-R3-30 — 42Cr

70°

525

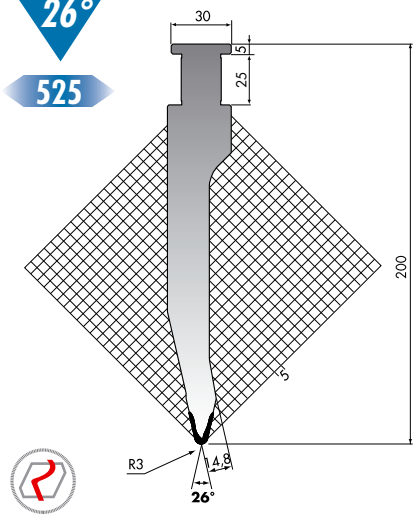


	max t/m
GASP200-70-R3-30	100

GASP200-26-R3-30 — 42Cr

26°

525

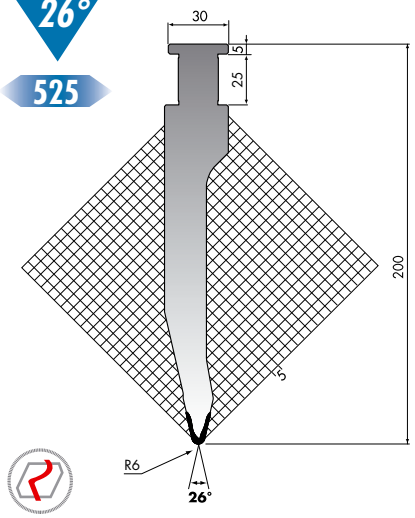


	max t/m
GASP200-26-R3-30	130

GASP200-26-R6-30 — 42Cr

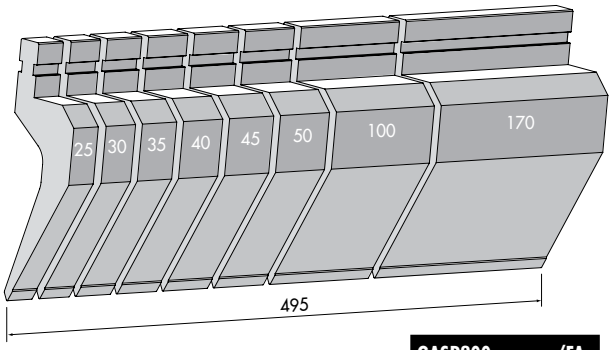
26°

525

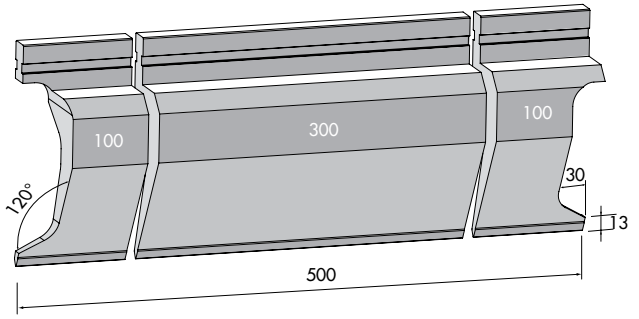


	max t/m
GASP200-26-R6-30	130

GASP200



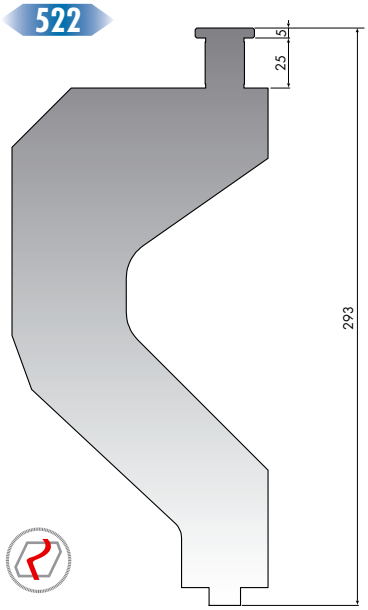
GASP200 ...../FA



GASP200 ...../FB

GASP293-16 — C45

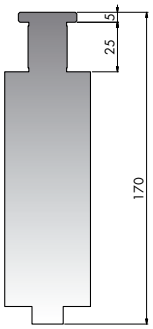
522



	max t/m
GASP293-16	100

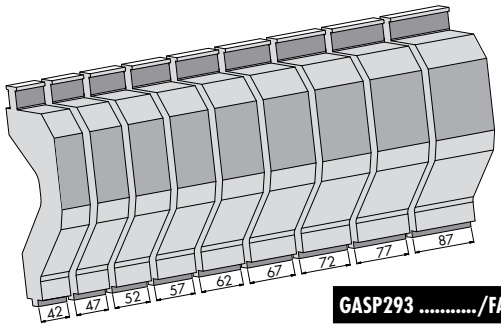
GASP170-16 — C45

522

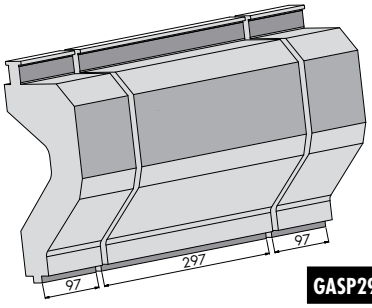


	max t/m
GASP170-16	180

GASP293-16 / GASP170-16



GASP293 ...../FA



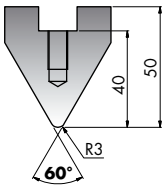
GASP293 ...../FB

GASPARINI TYPE

HRc 54-60 (1980->2200 N/mm²)

GASP40-60-03 C45

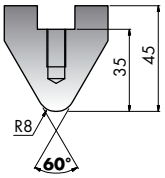
525



	max t/m
GASP40-60-03	100

GASP35-60-08 C45

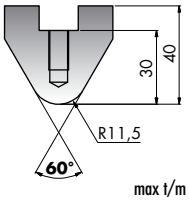
525



	max t/m
GASP35-60-08	100

GASP30-60-11,5 C45

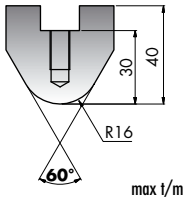
525



	max t/m
GASP30-60-11,5	100

GASP30-60-16 C45

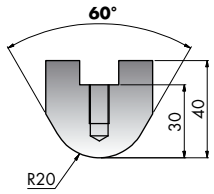
525



	max t/m
GASP30-60-16	100

GASP30-60-20 C45

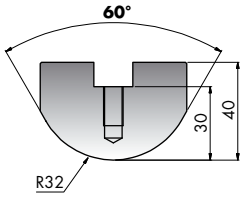
525



	max t/m
GASP30-60-20	100

GASP30-60-32 C45

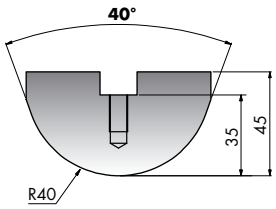
525



	max t/m
GASP30-60-32	100

GASP35-40-40 C45

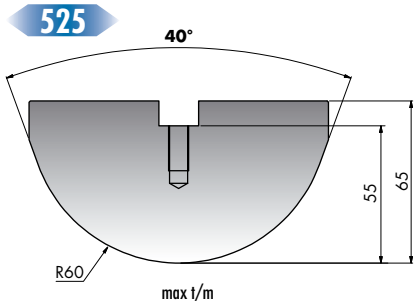
525



	max t/m
GASP30-60-32	150

GASP35-40-60 C45

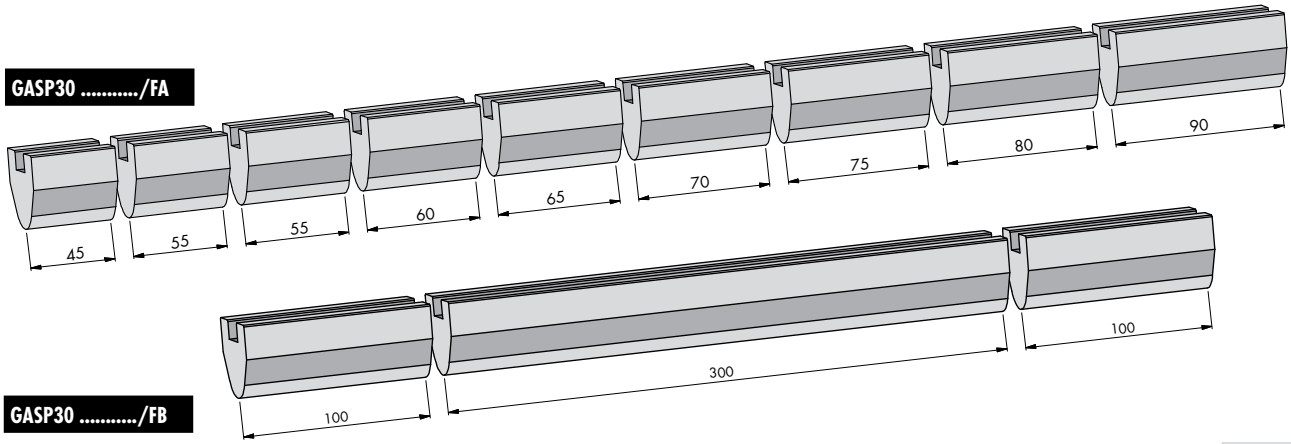
525



	max t/m
GASP30-60-32	180

GASP30

GASP30 ...../FA

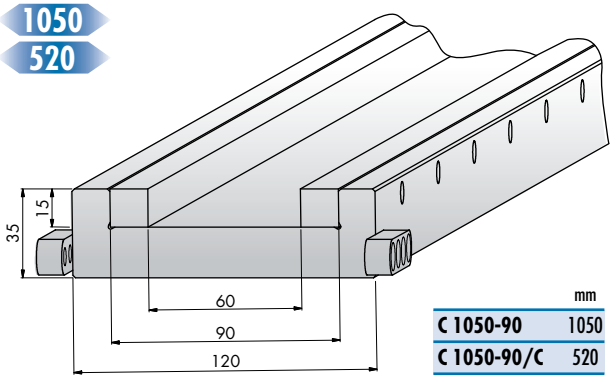


GASP30 ...../FB

C 1050-90 C45

1050

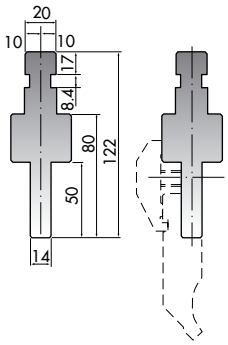
520



	mm
C 1050-90	1050
C 1050-90/C	520

AD14 (GASPARINI/PROMECAM-AMADA) C45

150

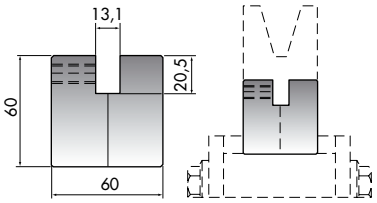


	max t/m
AD14	100

AD5 (PROMECAM-AMADA/TRUMPF-BEYELER) C45

1000

500

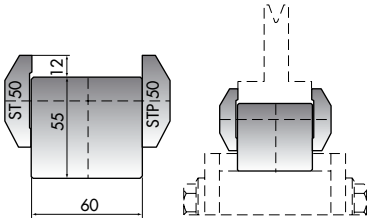


	mm
AD5	1000
AD5/C	500

CTS60 (PROMECAM-AMADA) C45

835

415



	mm
CTS60	835
CTS60/C	415

C45 560-710 N/mm² 42Cr 900-1150 N/mm²

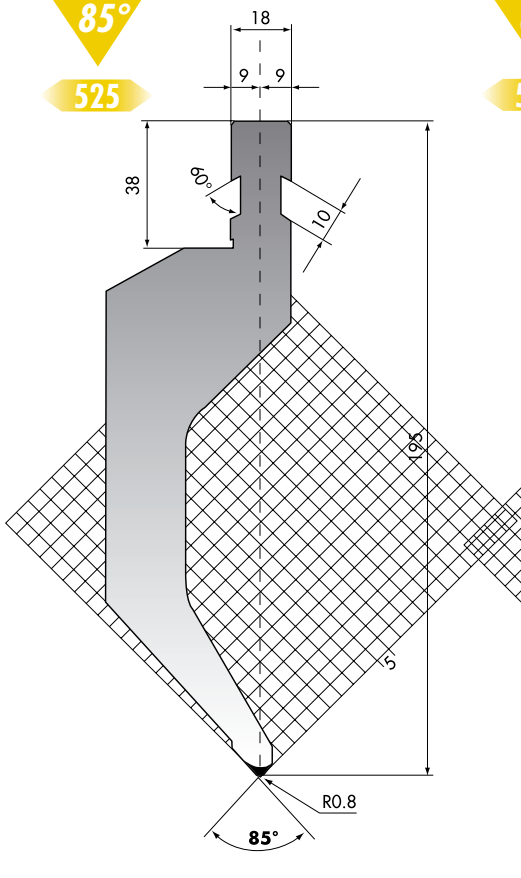
COLGAR TYPE

HRc 54-60 (1980->2200 N/mm²)

PAC195-85-R08 — 42Cr

85°

525

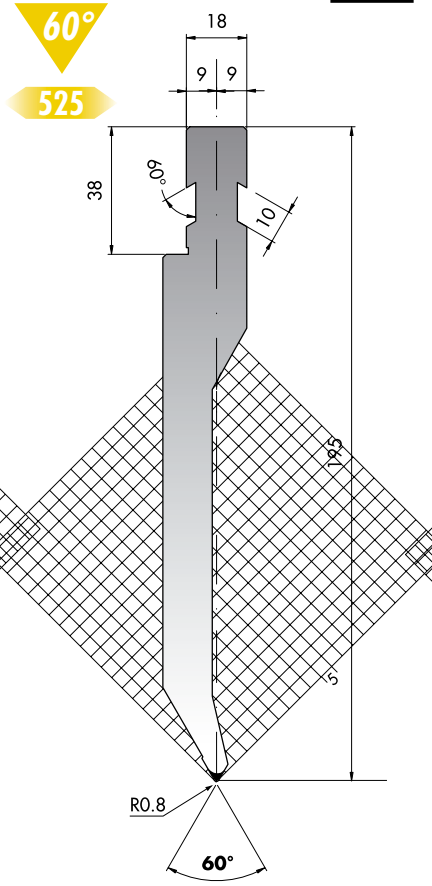


	max t/m
PAC195-85-R08	100

PAC195-60-R08 — 42Cr

60°

525

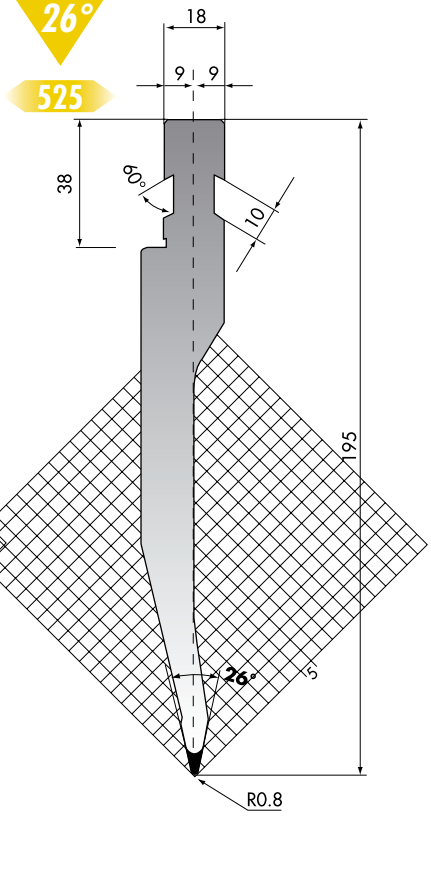


	max t/m
PAC195-60-R08	80

PAC195-26-R08 — 42Cr

26°

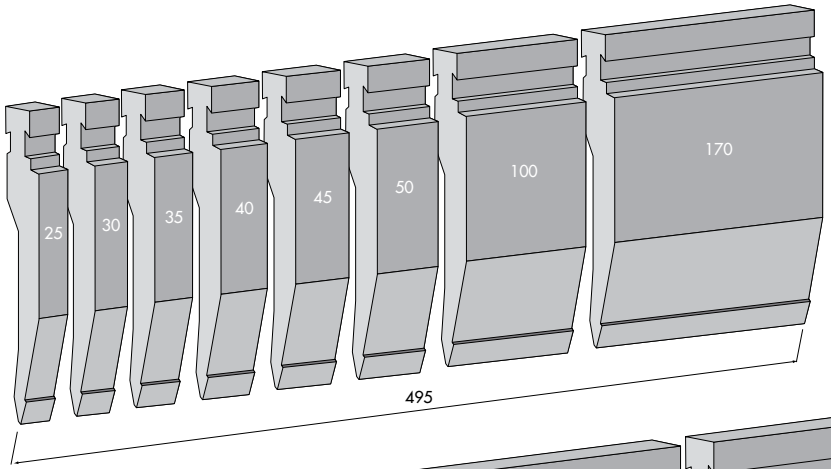
525



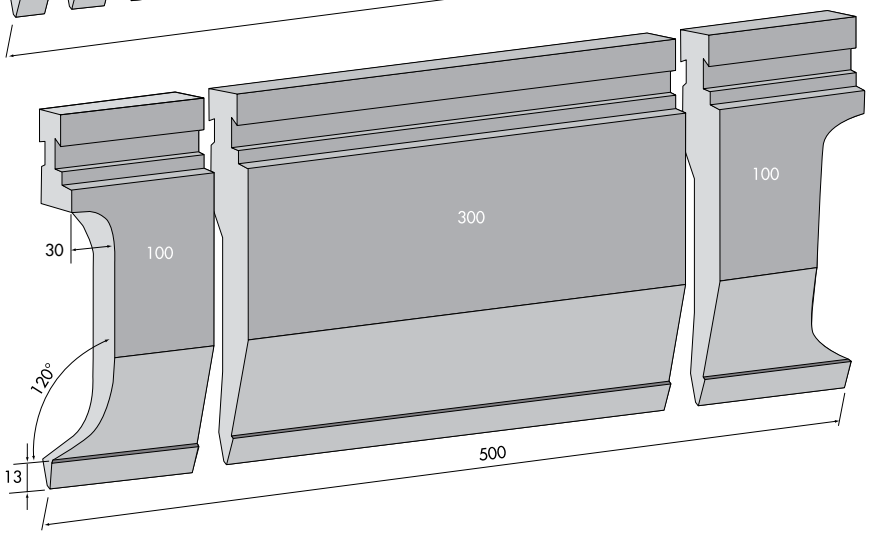
	max t/m
PAC195-26-R08	100

PAC

PAC195...../FA



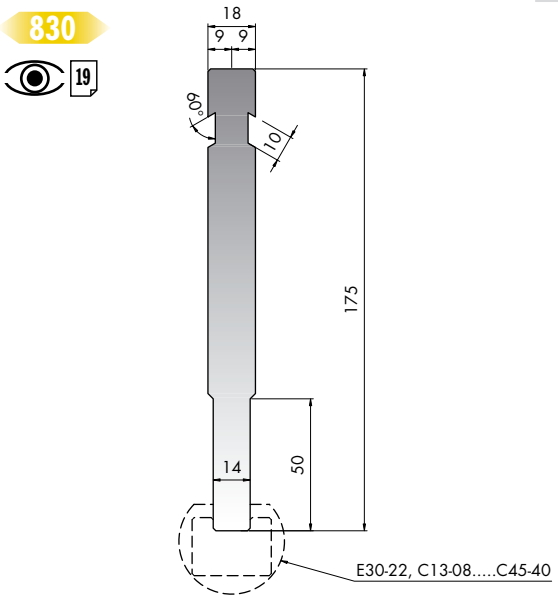
PAC195...../FB



HRc 54-60 (1980->2200 N/mm²)

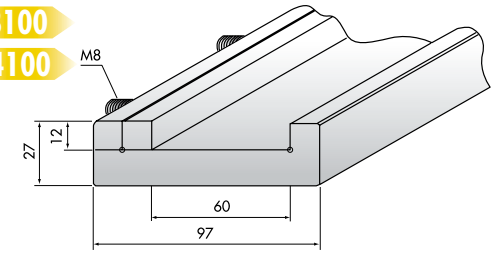
PAC175-14 — C45

830



C2000/S C2500/S C3000/S C4000/S — C45

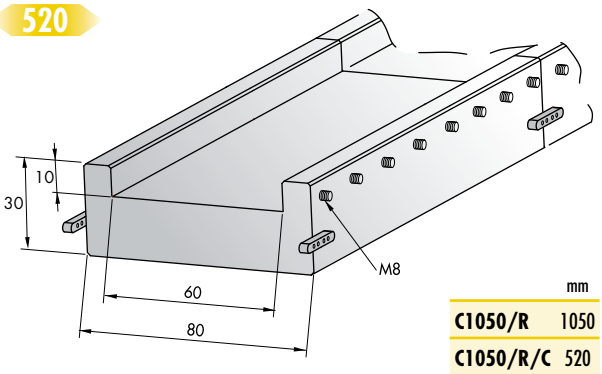
2100
2600
3100
4100



mm	
C2000/S	2100
C2500/S	2600
C3000/S	3100
C4000/S	4100

C1050/R — C45

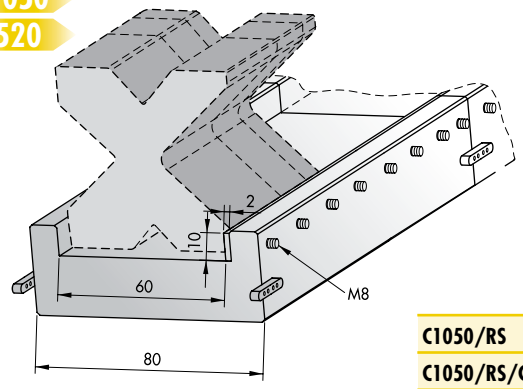
1050
520



mm	
C1050/R	1050
C1050/R/C	520

C1050/RS — C45

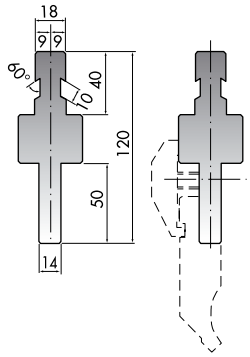
1050
520



mm	
C1050/RS	1050
C1050/RS/C	520

AD12 (COLGAR/PROMECAM-AMADA) — C45

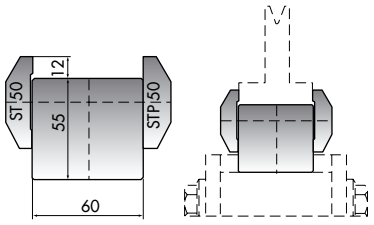
150



max t/m	
AD12	100

CTS60 (PROMECAM-AMADA) — C45

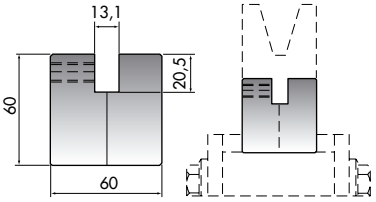
835
415



mm	
CTS60	835
CTS60/C	415

AD5 (PROMECAM-AMADA/TRUMPF-BEYELER) — C45

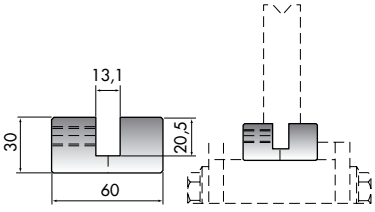
1000
500



mm	
AD5	1000
AD5/C	500

AD6 (PROMECAM-AMADA/TRUMPF-BEYELER) — C45

1000
500



mm	
AD6	1000
AD6/C	500

C45 560-710 N/mm² 42Cr 900-1150 N/mm²

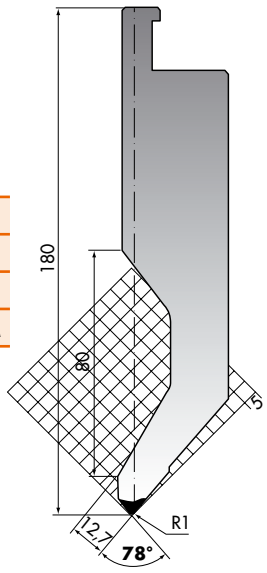
HRc 54-60 (1980->2200 N/mm²)

LPA180-78-R1-A÷LPD180-78-R1-A 42Cr

78°

508

LPA180-78-R1-A
LPB180-78-R1-A
LPC180-78-R1-A
LPD180-78-R1-A

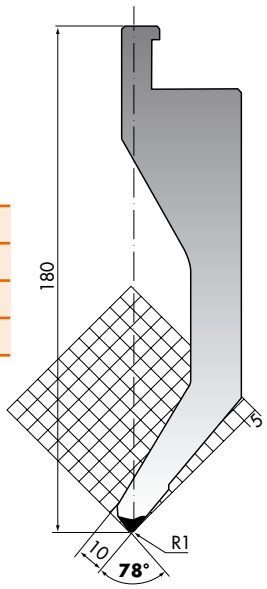


LPA180-78-R1-B÷LPD180-78-R1-B 42Cr

78°

508

LPA180-78-R1-B
LPB180-78-R1-B
LPC180-78-R1-B
LPD180-78-R1-B

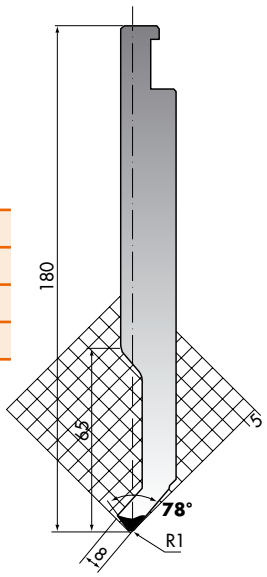


LPA180-78-R1-C÷LPD180-78-R1-C 42Cr

78°

508

LPA180-78-R1-C
LPB180-78-R1-C
LPC180-78-R1-C
LPD180-78-R1-C

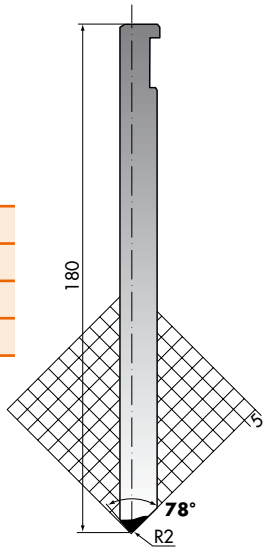


LPA180-78-R2 ÷ LPD180-78-R2 42Cr

78°

508

LPA180-78-R2
LPB180-78-R2
LPC180-78-R2
LPD180-78-R2

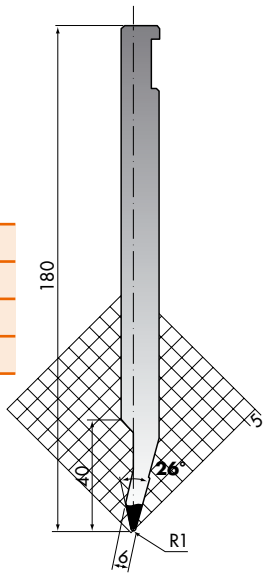


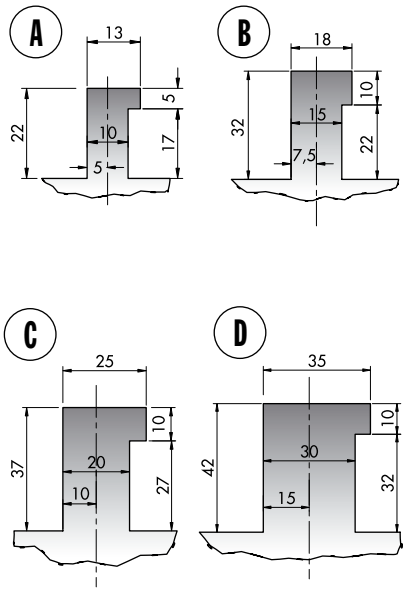
LPA180-26-R1 ÷ LPD180-26-R1 42Cr

26°

508

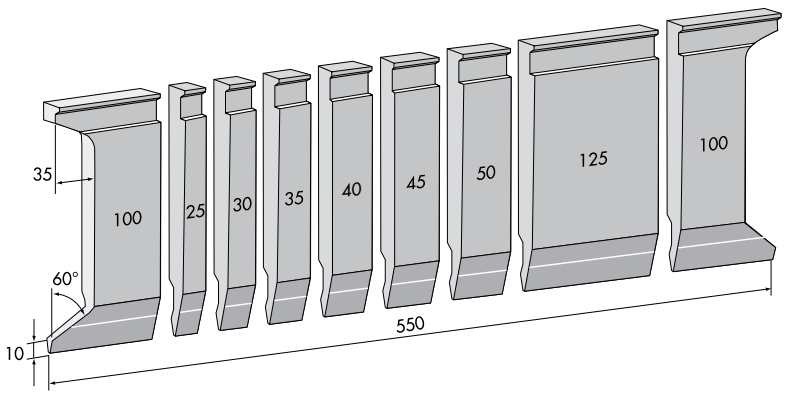
LPA180-26-R1
LPB180-26-R1
LPC180-26-R1
LPD180-26-R1





LP

LP...../F

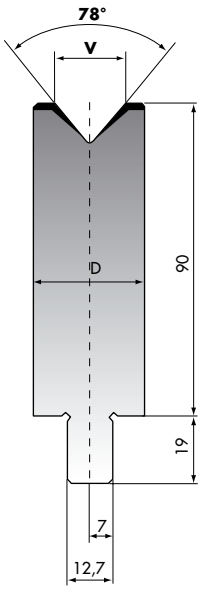


HRc 54-60 (1980->2200 N/mm²)

LM90-06-78 ÷ LM90-80-78 — 42Cr

78°

508

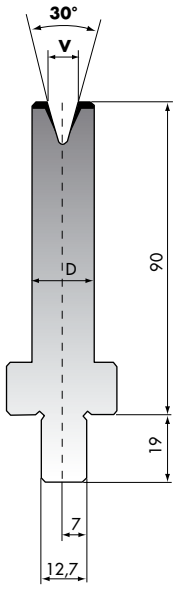


	V mm	D mm	max t/m
LM90-06-78	6	12	40
LM90-08-78	8	12	40
LM90-10-78	10	14	50
LM90-12-78	12	18	60
LM90-16-78	16	25	80
LM90-20-78	20	32	100
LM90-24-78	24	32	100
LM90-30-78	30	40	110
LM90-40-78	40	50	130
LM90-50-78	50	60	150
LM90-60-78	60	70	150
LM90-80-78	80	90	150

LM90-06-30 ÷ LM90-24-30 — 42Cr

30°

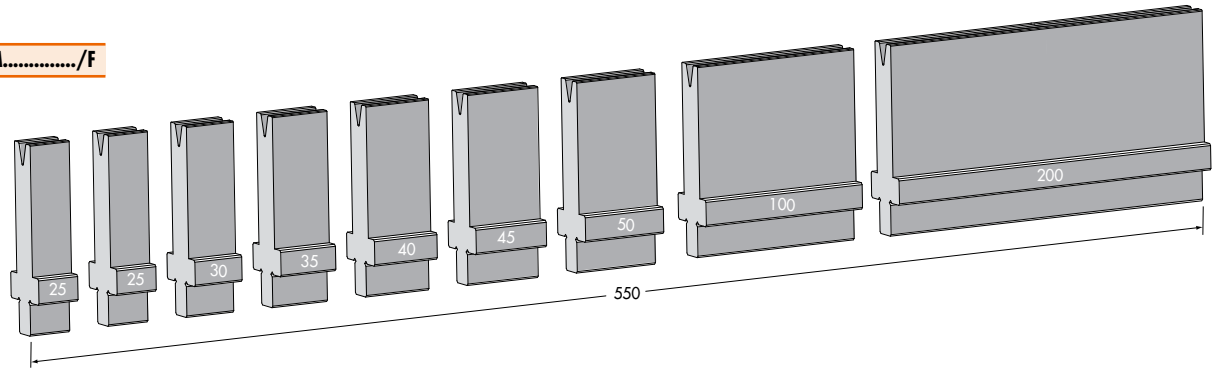
508



	V mm	D mm	max t/m
LM90-06-30	6	16	20
LM90-08-30	8	18	22
LM90-10-30	10	25	30
LM90-12-30	12	32	38
LM90-16-30	16	32	38
LM90-20-30	20	40	38
LM90-24-30	24	50	55

LM

LM...../F



C45 560-710 N/mm²

42Cr 900-1150 N/mm²

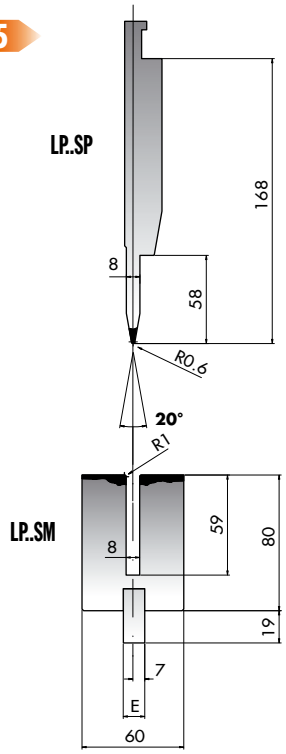
LVD TYPE

HRc 54-60 (1980->2200 N/mm²)

LP..S (LP..SP+LP..SM) 42Cr

20°

525

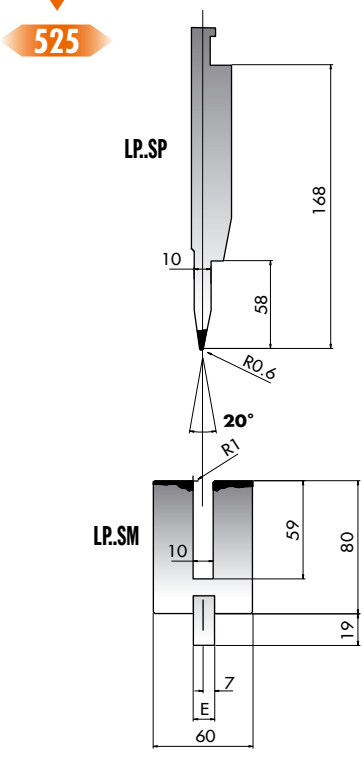


		E mm	max t/m A	max t/m B
LPA.S-190.20.8-12	A	12		
LPA.SP-190.20.8	A		80	100
LPA.SM-190.20.8-12	A	12	50	100
LPB.S-190.20.8-12	B	12		
LPB.SP-190.20.8	B		80	100
LPB.SM-190.20.8-12	B	12	50	100
LPC.S-190.20.8-12	C	12		
LPC.SP-190.20.8	C		80	100
LPC.SM-190.20.8-12	C	12	50	100
LPD.S-190.20.8-12	D	12		
LPD.SP-190.20.8	D		80	100
LPD.SM-190.20.8-12	D	12	50	100
LPA.S-190.20.8-12.7	A	12,7		
LPA.SP-190.20.8	A		80	100
LPA.SM-190.20.8-12.7	A	12,7	50	100
LPB.S-190.20.8-12.7	B	12,7		
LPB.SP-190.20.8	B		80	100
LPB.SM-190.20.8-12.7	B	12,7	50	100
LPC.S-190.20.8-12.7	C	12,7		
LPC.SP-190.20.8	C		80	100
LPC.SM-190.20.8-12.7	C	12,7	50	100
LPD.S-190.20.8-12.7	D	12,7		
LPD.SP-190.20.8	D		80	100
LPD.SM-190.20.8-12.7	D	12,7	50	100

LP..S (LP..SP+LP..SM) 42Cr

20°

525

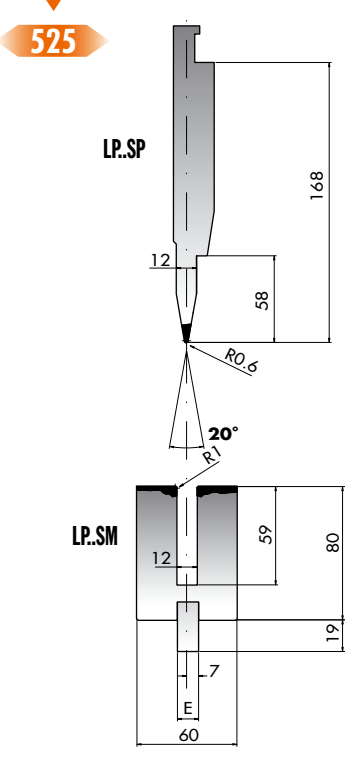


		E mm	max t/m A	max t/m B
LPA.S-190.20.10-12	A	12		
LPA.SP-190.20.10	A		80	100
LPA.SM-190.20.10-12	A	12	50	100
LPB.S-190.20.10-12	B	12		
LPB.SP-190.20.10	B		80	100
LPB.SM-190.20.10-12	B	12	50	100
LPC.S-190.20.10-12	C	12		
LPC.SP-190.20.10	C		80	100
LPC.SM-190.20.10-12	C	12	50	100
LPD.S-190.20.10-12	D	12		
LPD.SP-190.20.10	D		80	100
LPD.SM-190.20.10-12	D	12	50	100
LPA.S-190.20.10-12.7	A	12,7		
LPA.SP-190.20.10	A		80	100
LPA.SM-190.20.10-12.7	A	12,7	50	100
LPB.S-190.20.10-12.7	B	12,7		
LPB.SP-190.20.10	B		80	100
LPB.SM-190.20.10-12.7	B	12,7	50	100
LPC.S-190.20.10-12.7	C	12,7		
LPC.SP-190.20.10	C		80	100
LPC.SM-190.20.10-12.7	C	12,7	50	100
LPD.S-190.20.10-12.7	D	12,7		
LPD.SP-190.20.10	D		80	100
LPD.SM-190.20.10-12.7	D	12,7	50	100

LP..S (LP..SP+LP..SM) 42Cr

20°

525



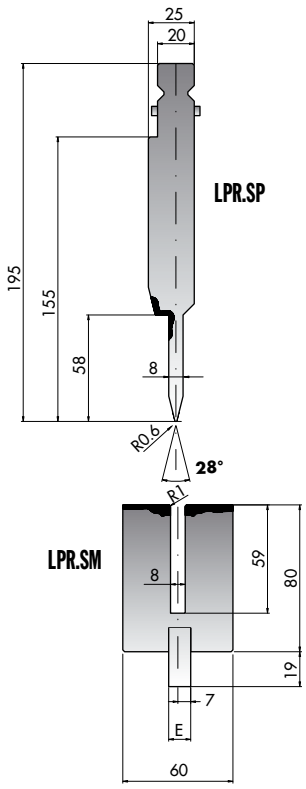
		E mm	max t/m A	max t/m B
LPA.S-190.20.12-12	A	12		
LPA.SP-190.20.12	A		80	100
LPA.SM-190.20.12-12	A	12	50	100
LPB.S-190.20.12-12	B	12		
LPB.SP-190.20.12	B		80	100
LPB.SM-190.20.12-12	B	12	50	100
LPC.S-190.20.12-12	C	12		
LPC.SP-190.20.12	C		80	100
LPC.SM-190.20-12-12	C	12	50	100
LPD.S-190.20.12-12	D	12		
LPD.SP-190.20.12	D		80	100
LPD.SM-190.20.12-12	D	12	50	100
LPA.S-190.20.12-12.7	A	12,7		
LPA.SP-190.20.12	A		80	100
LPA.SM-190.20.12-12.7	A	12,7	50	100
LPB.S-190.20.12-12.7	B	12,7		
LPB.SP-190.20.12	B		80	100
LPB.SM-190.20.12-12.7	B	12,7	50	100
LPC.S-190.20.12-12.7	C	12,7		
LPC.SP-190.20.12	C		80	100
LPC.SM-190.20.12-12.7	C	12,7	50	100
LPD.S-190.20.12-12.7	D	12,7		
LPD.SP-190.20.12	D		80	100
LPD.SM-190.20.12-12.7	D	12,7	50	100

LVD-WILA TYPE

HRc 54-60 (1980->2200 N/mm²)

LPR.S-195.28.8 — 42Cr

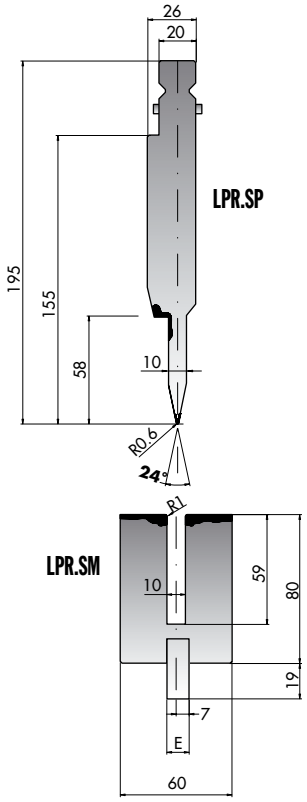
28° — 525



	E mm	max t/m A	max t/m B
LPR.S-195.28.8-12	12		
LPR.SP-195.28.8		80	100
LPR.SM-195.28.8-12	12	50	100
LPR.S-195.28.8-12.7	12,7		
LPR.SP-195.28.8		80	100
LPR.SM-195.28.8-12.7	12,7	50	100

LPR.S-195.24.10 — 42Cr

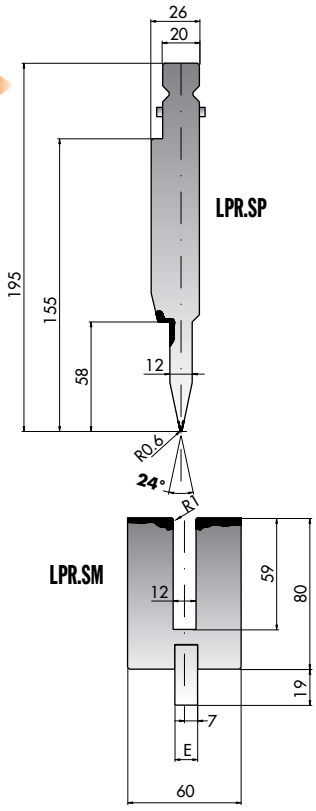
24° — 525



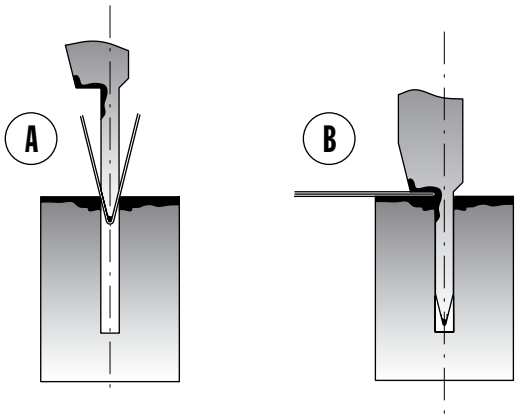
	E mm	max t/m A	max t/m B
LPR.S-195.24.10-12	12		
LPR.SP-195.24.10		80	100
LPR.SM-195.24.10-12	12	50	100
LPR.S-195.24.10-12.7	12,7		
LPR.SP-195.24.10		80	100
LPR.SM-195.24.10-12.7	12,7	50	100

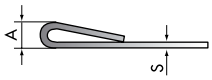
LPR.S-195.24.12 — 42Cr

24° — 525

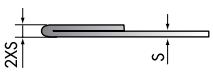


	E mm	max t/m A	max t/m B
LPR.S-195.24.12-12	12		
LPR.SP-195.24.12		80	100
LPR.SM-195.24.12-12	12	50	100
LPR.S-195.24.12-12.7	12,7		
LPR.SP-195.24.12		80	100
LPR.SM-195.24.12-12.7	12,7	50	100





S mm	A mm	R.45 Kgf/mm² t/m	R.70 Kgf/mm² t/m
0,6	3,0	9	15
0,8	3,0	12	20
1,0	3,5	15	25
1,25	3,5	17	26
1,5	4,6	22	38
2,0	5,5	30	50



S mm	A mm	R.45 Kgf/mm² t/m	R.70 Kgf/mm² t/m
0,6	1.2	23	35
0,8	1,6	32	50
1,0	2,0	40	60
1,25	2,5	50	80
1,5	3,0	63	95
2,0	4,0	80	130

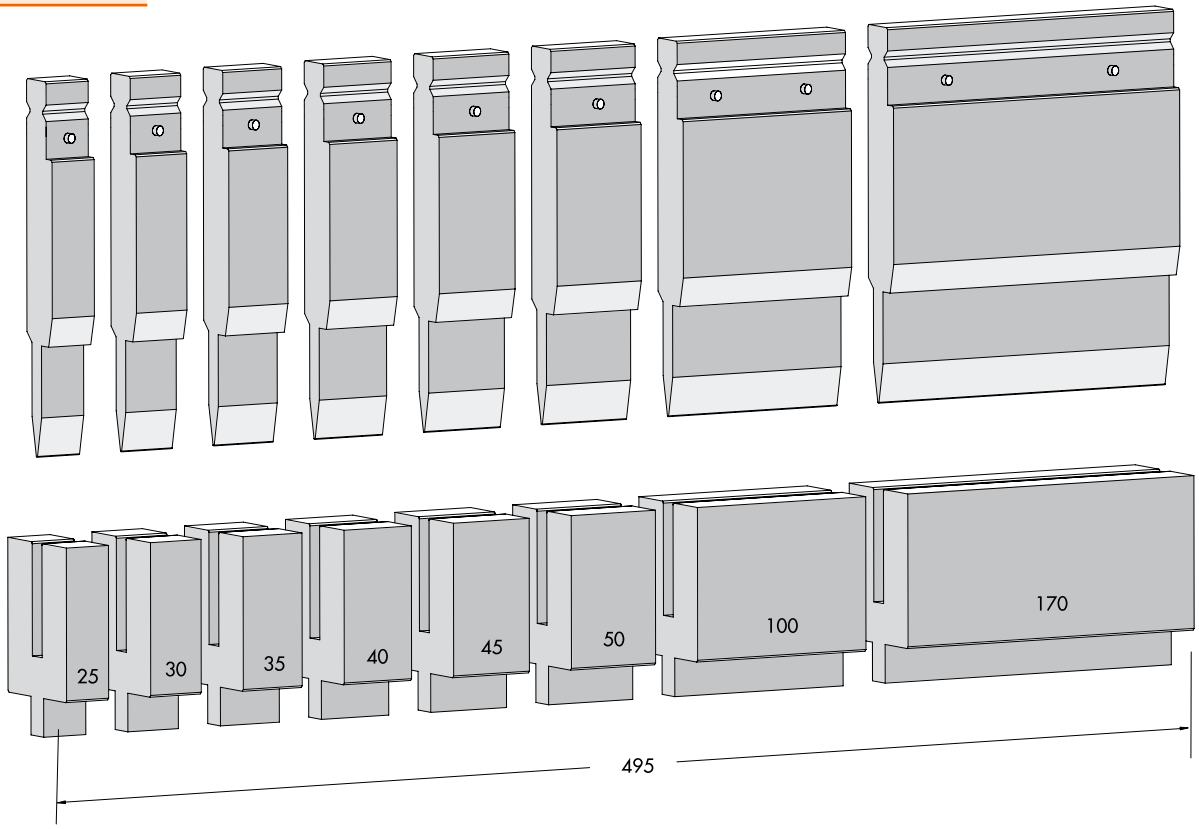
LVD TYPE

C45 560-710 N/mm²

42Cr 900-1150 N/mm²

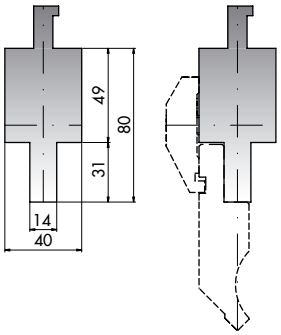
LP

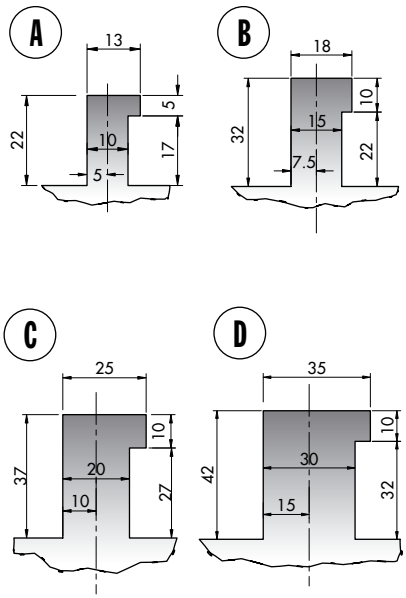
LP.....S...../F



AD1-A ÷ AD1-D (LVD/PROMECAM) C45

150

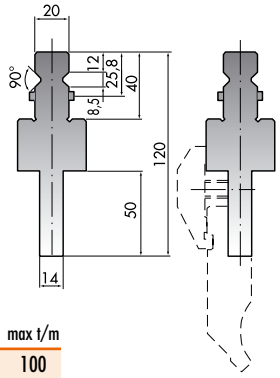




	max t/m
AD1-A	100
AD1-B	100
AD1-C	100
AD1-D	100

AD11 (TRUMPF/PROMECAM) C45

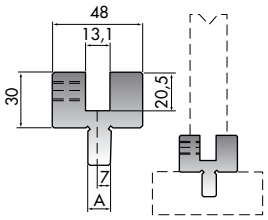
150



	max t/m
AD11	100

AD8 (LVD/TRUMPF-BEYELER) C45

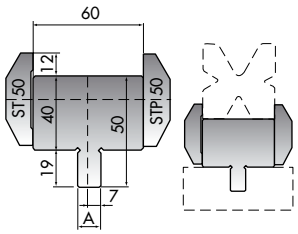
1000
500



	A mm
AD8	12
AD8-12.7	12,7

AD9 (LVD/PROMECAM-AMADA) C45

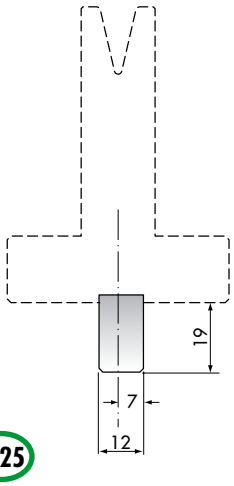
835
415



	A mm
AD9	12
AD9-12.7	12,7

A31 (LVD/PROMECAM-AMADA) C45

835
415
805

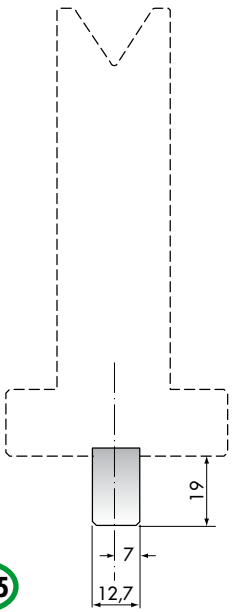


	mm
A31	835
A31/C	415
A31/F	805

L10 L15 +L25

A32 (LVD/PROMECAM-AMADA) C45

835
415
805



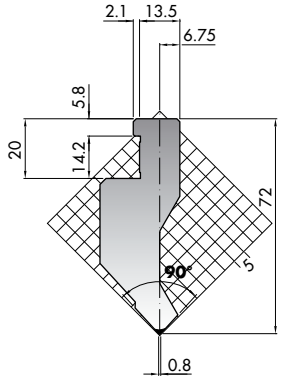
	mm
A32	835
A32/C	415
A32/F	805

L10 L15 +L25

HRc 54-60 (1980->2200 N/mm²)

CP72-90-08 C45

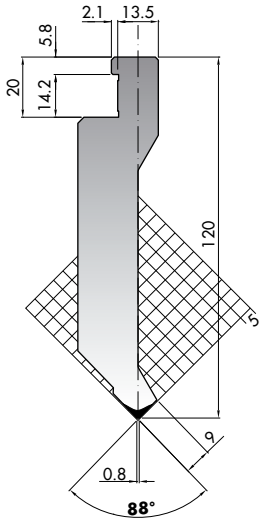
90° 1020



CP72-90-08

CP120-88-08 C45

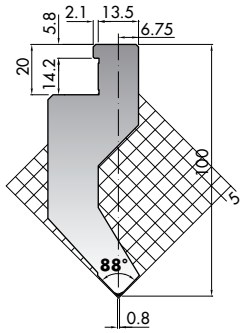
88° 1020



CP120-88-08

CP100-88-08-A C45

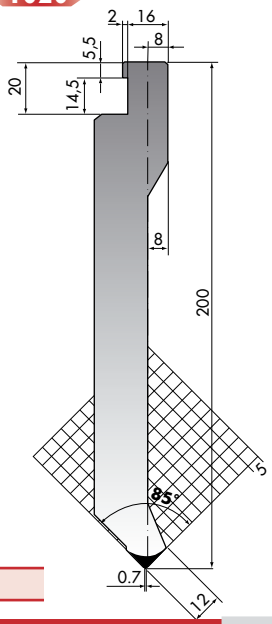
88° 1020



CP120-88-08-A

CP200-85-07 42Cr

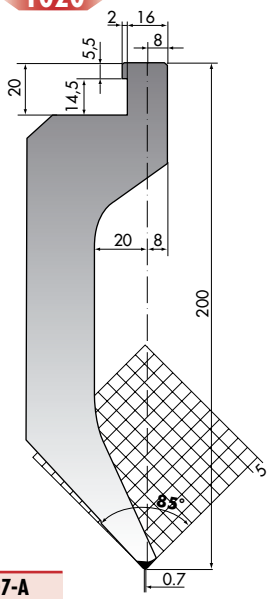
85° 1020



CP200-85-07

CP200-85-07-A 42Cr

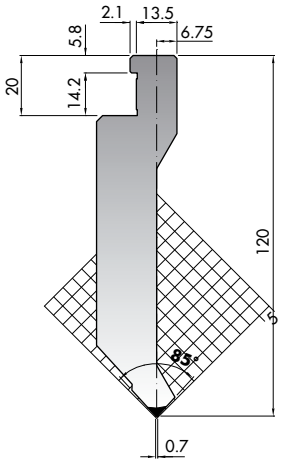
85° 1020



CP200-85-07-A

CP120-85-07 C45

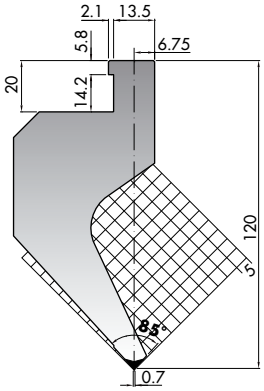
85° 1020



CP120-85-07

CP120-85-07-A C45

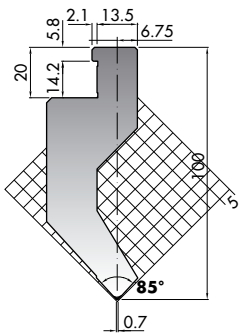
85° 1020



CP120-85-07-A

CP100-85-07-A C45

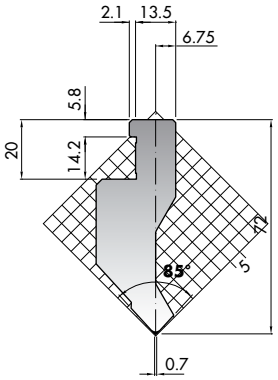
85° 1020



CP100-85-07-A

CP72-85-07 C45

85° 1020

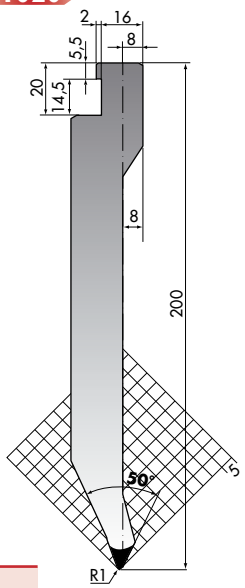


CP72-85-07

HRc 54-60 (1980->2200 N/mm²)

CP200-50-R1 — 42Cr

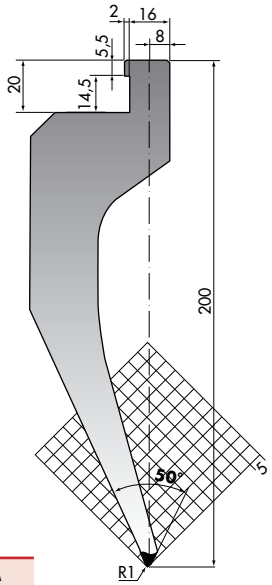
50° 1020



CP200-50-R1

CP200-50-R1-A — 42Cr

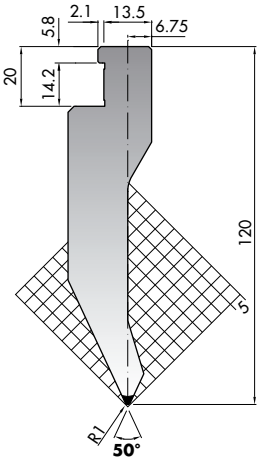
50° 1020



CP200-50-R1-A

CP120-50-R1 — C45

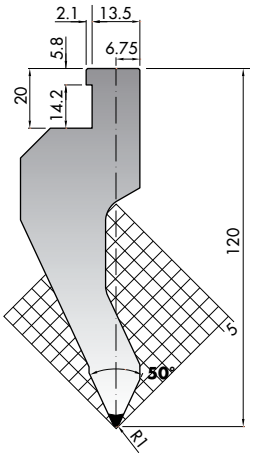
50° 1020



CP120-50-R1

CP120-50-R1-A — 42Cr

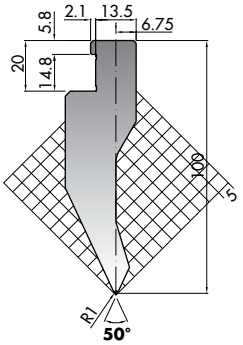
50° 1020



CP120-50-R1-A

CP100-50-R1 — 42Cr

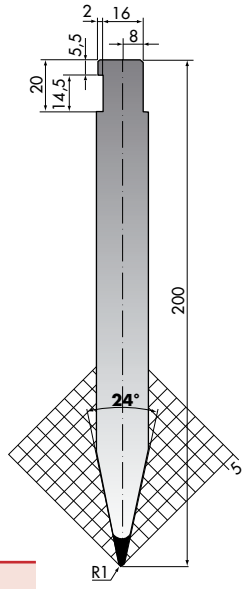
50° 1020



CP100-50-R1

CP200-24-R1 — 42Cr

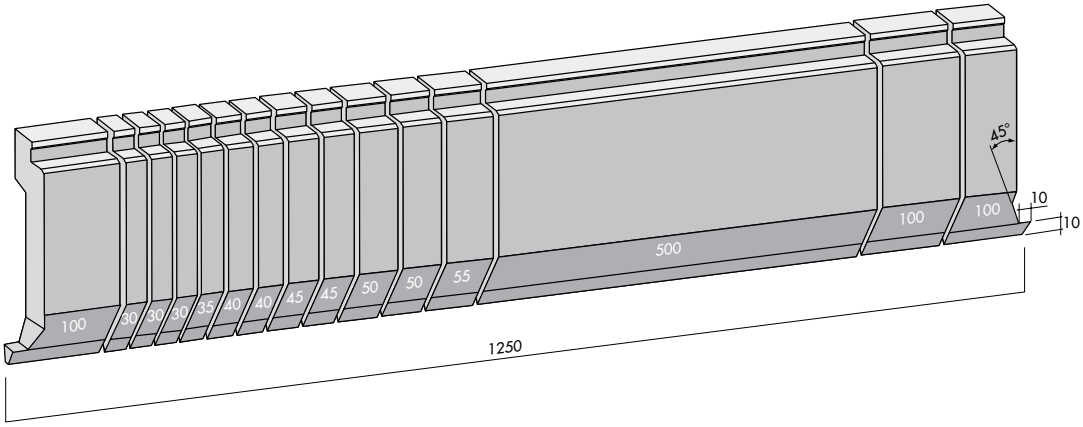
24° 1020



CP200-24-R1

CP

CP200...../F



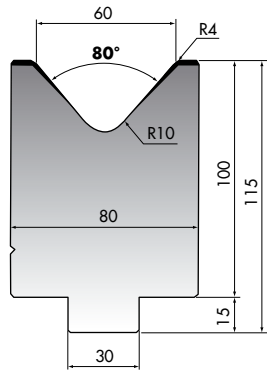
C45 560-710 N/mm²

42Cr 900-1150 N/mm²

COLLY TYPE

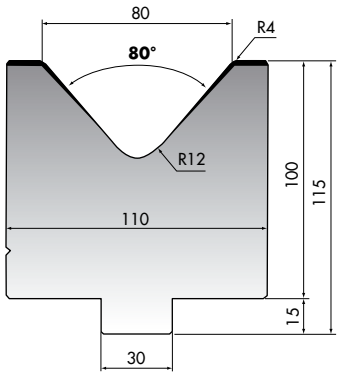
HRc 54-60 (1980->2200 N/mm²)

M115-80-60 C45
80° 1020



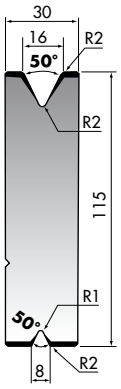
M115-80-60

M115-80-80 C45
80° 1020



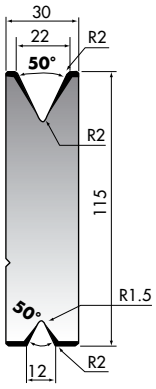
M115-80-80

M115-50-16 C45
50° 1020



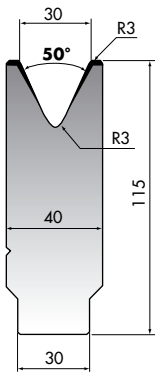
M115-50-16

M115-50-22 C45
50° 1020



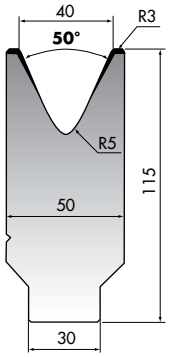
M115-50-22

M115-50-30 C45
50° 1020



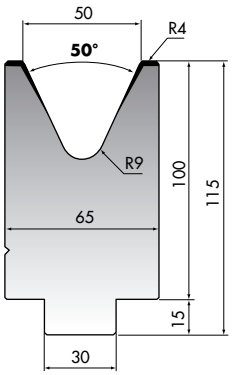
M115-50-30

M115-50-40 C45
50° 1020



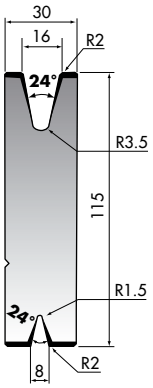
M115-50-40

M115-50-50 C45
50° 1020



M115-50-50

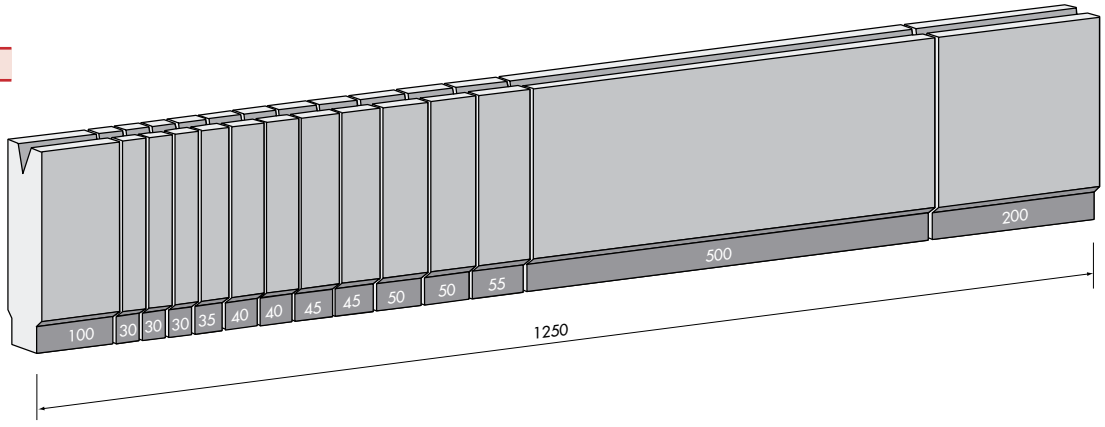
M115-24-16 C45
24° 1020



M115-24-16

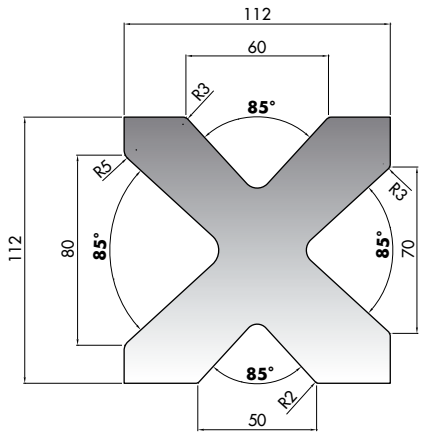
M115

M115...../F



MC112-3050 — C45

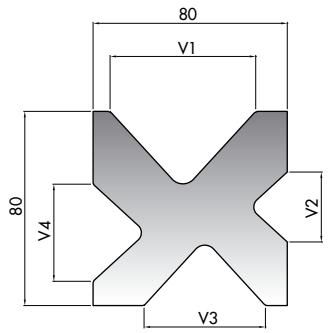
3050



MC112-3050	V1	V2	V3	V4
V mm	60	70	50	80
A	85°	85°	85°	85°
R mm	3	3	2	5

MC80-2050 / MC80-3050 — C45

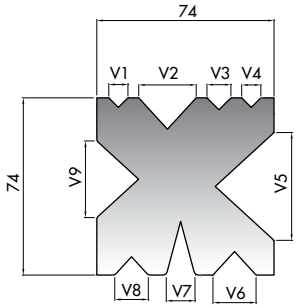
2050 3050



MC80-2050 / MC80-3050	V1	V2	V3	V4
V mm	60	30	50	40
A	85°	85°	85°	85°
R mm	3	1	2	2

MC74-2050 / MC74-3050 — C45

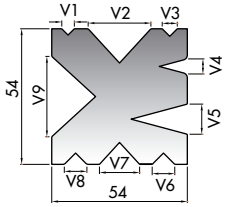
2050 3050



MC74-2050 / MC74-3050	V1	V2	V3	V4	V5	V6	V7	V8	V9
V mm	8	24	10	8	45	18	12	14	32
A	90°	85°	90°	90°	85°	85°	30°	85°	85°
R mm	0,8	0,8	2	0,8	2	1	2	2	2

MC54-2050 / MC54-3050 — C45

2050 3050



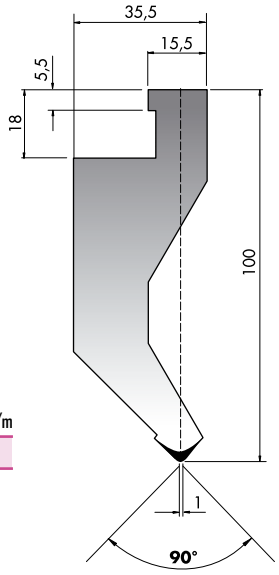
MC54-2050 / MC54-3050	V1	V2	V3	V4	V5	V6	V7	V8	V9
V mm	6	25	6	6	12	9	16	9	32
A	90°	85°	90°	30°	30°	90°	85°	90°	85°
R mm	0,5	1	0,5	2	0,5	1	0,5	1,5	1

HRc 54-60 (1980->2200 N/mm²)

AXP.100.90.1 — C45

90°

1020

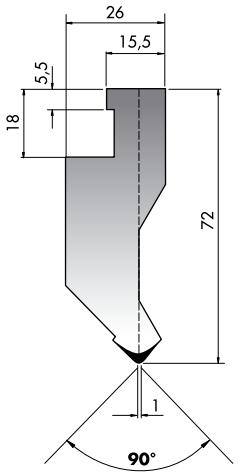


	max t/m
AXP.100.90.1	100

AXP.72.90.1 — C45

90°

1020

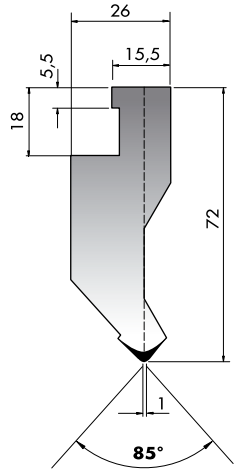


	max t/m
AXP.72.90.1	100

AXP.72.85.1 — C45

85°

1020

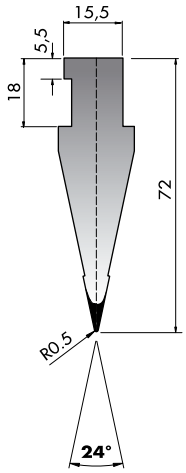


	max t/m
AXP.72.85.1	100

AXP.72.24.R05 — C45

24°

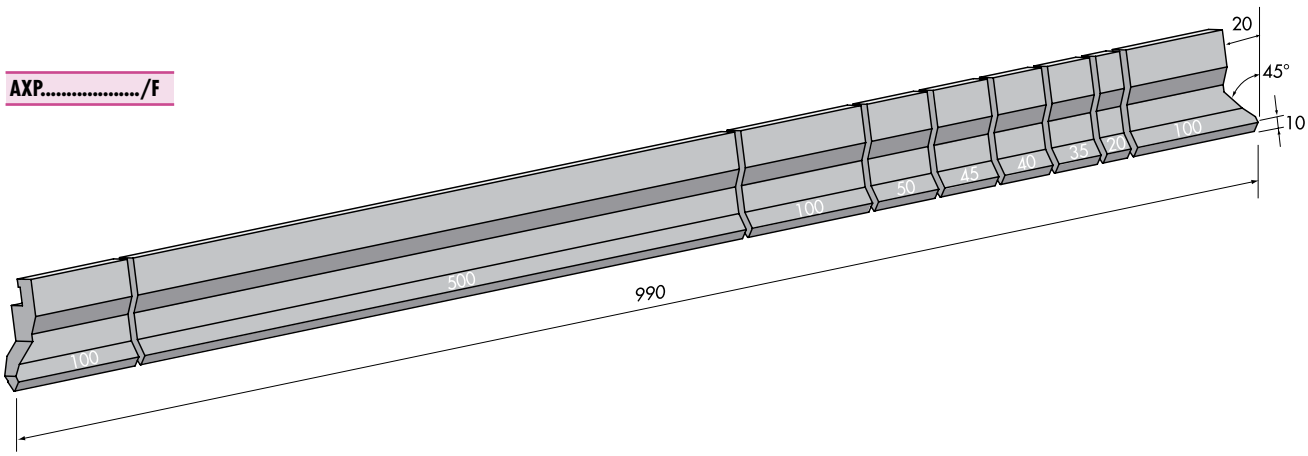
1020



	max t/m
AXP.72.24.R05	100

AXP

AXP...../F

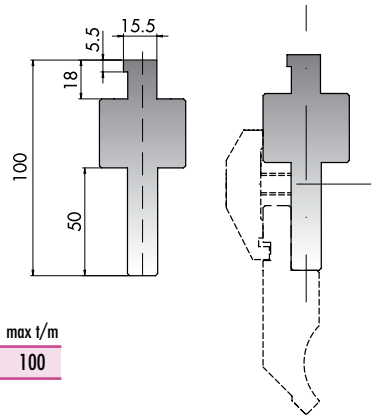


AJIAL-AXIAL TYPE

HRc 54-60 (1980->2200 N/mm²)

AD15 (AJIAL-AXIAL/PROMECAM) C45

150



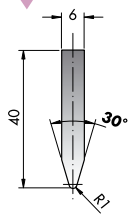
	max t/m
AD15	100

HÄMMERLE - BYSTRONIC TYPE

HRc 58-60 (2100->2200 N/mm²)

H11.010.0...

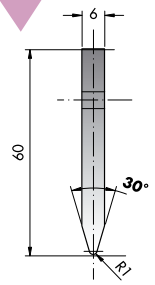
30°



	max t/m
H11.010.0...	60

H11.007.0...

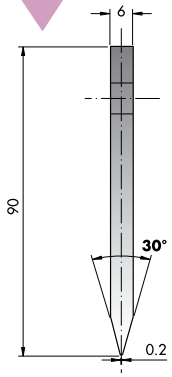
30°



	max t/m
H11.007.0...	100

H11.002.0...

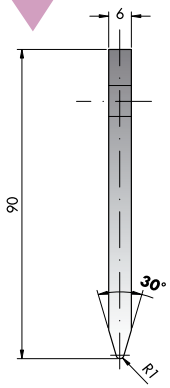
30°



	max t/m
H11.002.0...	100

H11.001.0...

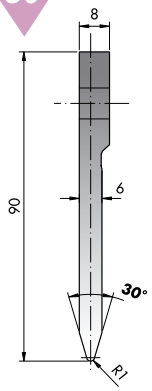
30°



	max t/m
H11.001.0...	100

H11.008.0...

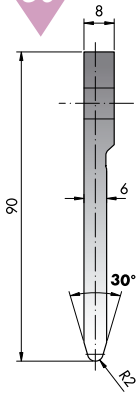
30°



	max t/m
H11.008.0...	100

H11.006.0...

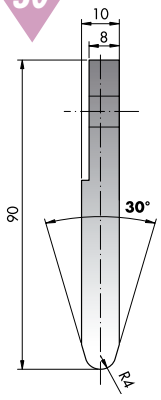
30°



	max t/m
H11.006.0...	100

H11.034.0...

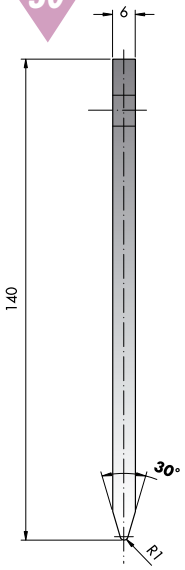
30°



	max t/m
H11.034.0...	100

H11.003.0...

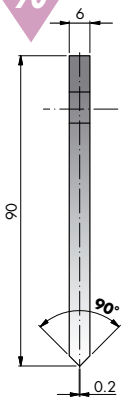
30°



	max t/m
H11.003.0...	100

H11.005.0...

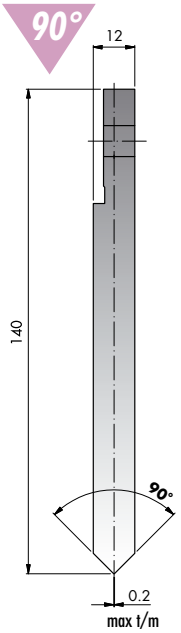
90°



	max t/m
H11.005.0...	100

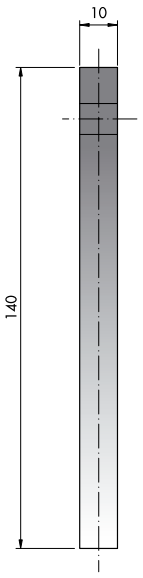
H11.009.0...

90°



	max t/m
H11.009.0...	100

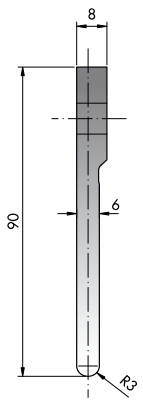
H14.021.0...



	max t/m
H14.021.0...	100

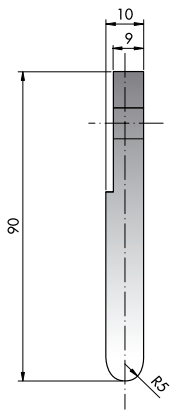
	L
... ... 1.01	100
... ... 2.01	50
... ... 2.02	55
... ... 2.03	60
... ... 2.04	65
... ... 2.05	70
... ... 2.06	75
... ... 2.07	80
... ... 2.08	85
... ... 2.09	90
... ... 2.10	95
... ... 4.01	75 DX
... ... 4.02	85 DX
... ... 4.03	95 DX
... ... 4.04	105 DX
... ... 4.05	115 DX
... ... 4.06	80 SX
... ... 5.01	75 SX
... ... 5.02	85 SX
... ... 5.03	95 SX
... ... 5.04	105 SX
... ... 5.05	115 SX
... ... 5.06	80 DX

H11.033.1...



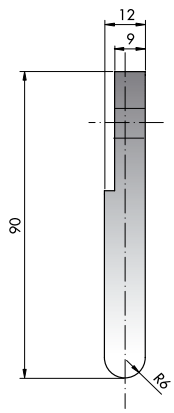
	max t/m
H11.031.1...	100

H11.035.0...

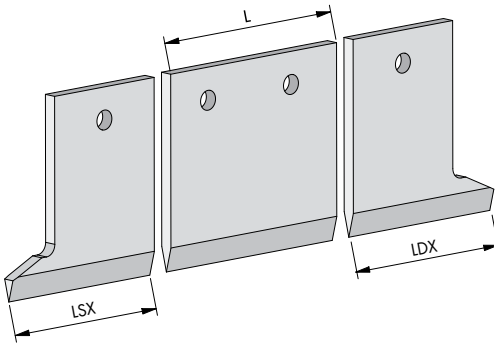


	max t/m
H11.035.1...	100

H11.036.0...



	max t/m
H11.036.0...	100

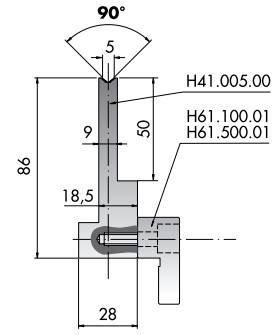


HAMMERLE - BYSTRONIC TYPE

HÄMMERLE - BYSTRONIC TYPE

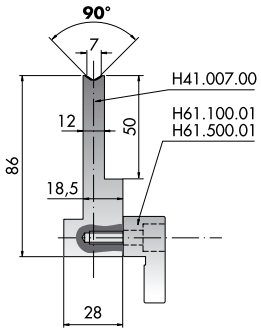
HRc 54-60 (1980->2200 N/mm²)

H41.005.0... 42Cr



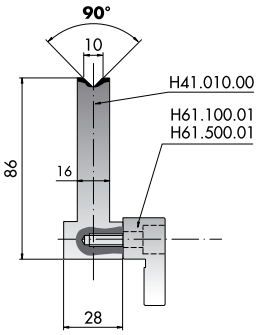
	max t/m
H41.005.0...	100

H41.007.0... 42Cr



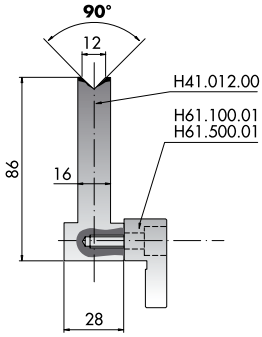
	max t/m
H41.007.0...	100

H41.010.0... 42Cr



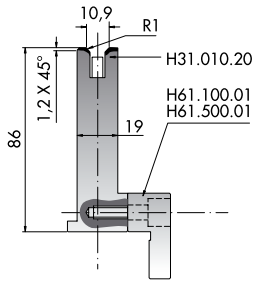
	max t/m
H41.010.0...	100

H41.012.0... 42Cr



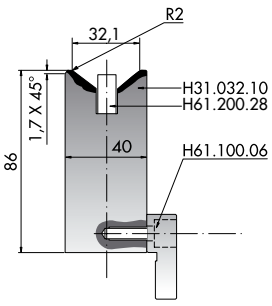
	max t/m
H41.012.0...	100

H31.010.2... 42Cr



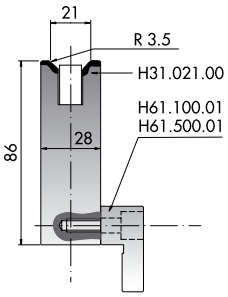
	max t/m
H31.010.2...	55

H31.032.1... C45



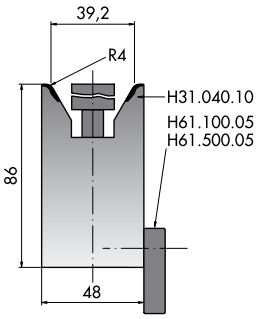
	max t/m
H31.032.1...	120

H31.021.0... C45



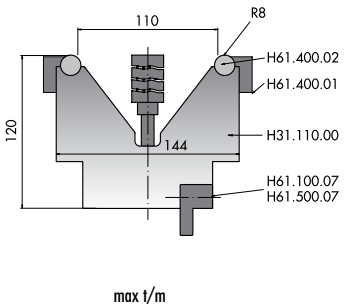
	max t/m
H31.021.0...	50

H31.040.1... C45



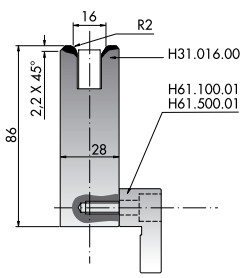
	max t/m
H31.040.1...	75

H31.110.0... C45



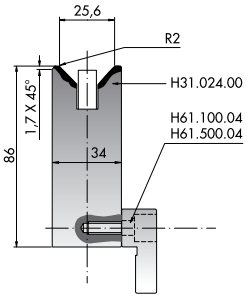
	max t/m
H31.110.0...	150

H31.016.0... C45



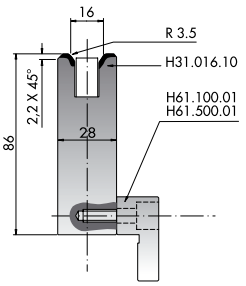
	max t/m
H31.016.0...	50

H31.024.0... C45



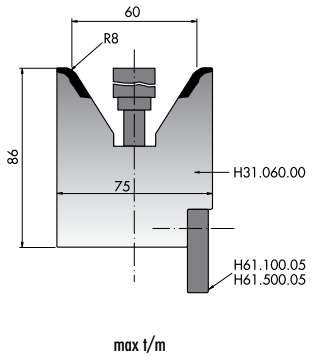
	max t/m
H31.024.0...	75

H31.016.1... C45



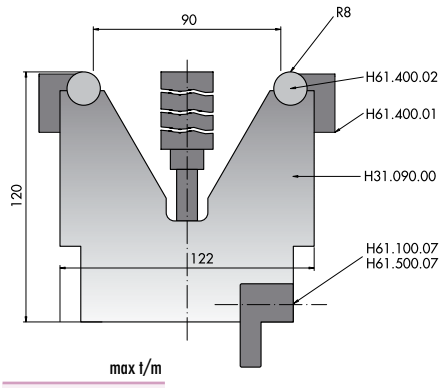
	max t/m
H31.016.1...	50

H31.060.0... C45



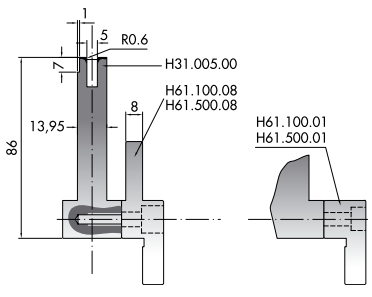
	max t/m
H31.060.0...	150

H31.090.0... C45



	max t/m
H31.090.0...	150

H31.005.0... 42Cr



	max t/m
H31.005.0...	25

HAMMERLE - BYSTRONIC TYPE

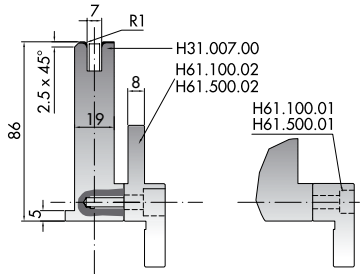
C45 560-710 N/mm²

42Cr 900-1150 N/mm²

HÄMMERLE - BYSTRONIC TYPE

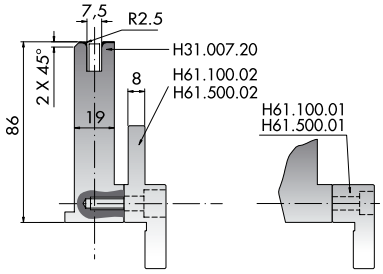
HRc 54-60 (1980->2200 N/mm²)

H31.007.0... 42Cr



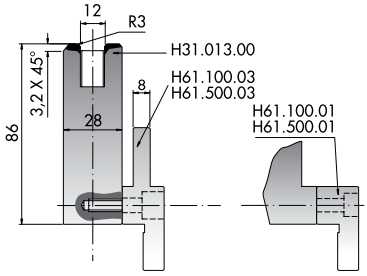
	max t/m
H31.007.0...	50

H31.007.2... 42Cr



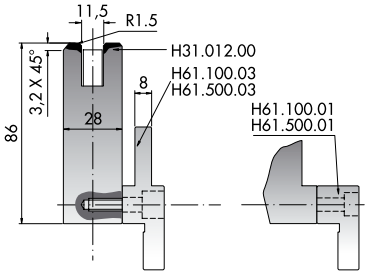
	max t/m
H31.007.2...	50

H31.013.0... C45



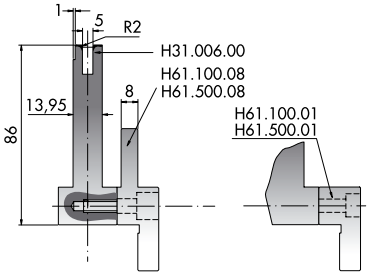
	max t/m
H31.013.0...	50

H31.012.0 C45

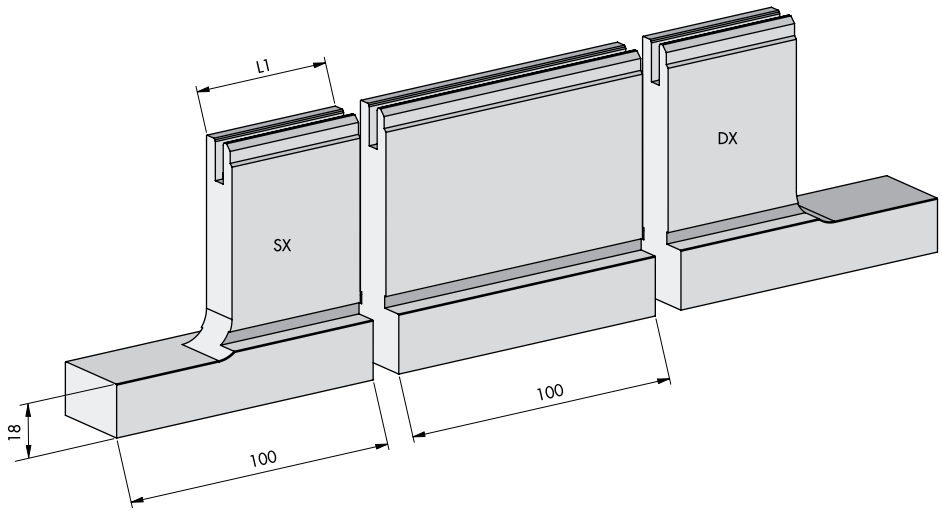


	max t/m
H31.012.0...	50

H31.006.0 42Cr

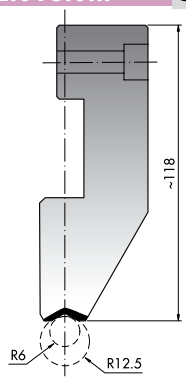


	max t/m
H31.006.0...	35



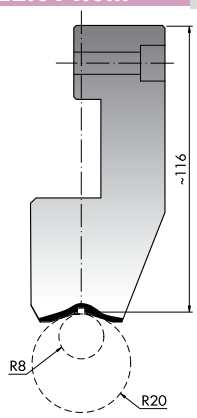
	L	L1
... ... 1.01	100	
... ... 2.01	50	SX
... ... 2.02	55	DX
... ... 2.03	60	DX
... ... 2.04	65	DX
... ... 2.05	70	DX
... ... 2.06	75	DX
... ... 2.07	80	DX
... ... 2.08	85	DX
... ... 2.09	90	DX
... ... 2.10	95	DX
... ... 3.01	50	DX
... ... 3.02	55	SX
... ... 3.03	60	SX
... ... 3.04	65	SX
... ... 3.05	70	SX
... ... 3.06	75	SX
... ... 3.07	80	SX
... ... 3.08	85	SX
... ... 3.09	90	SX
... ... 3.10	95	SX

H22.013.0... C45



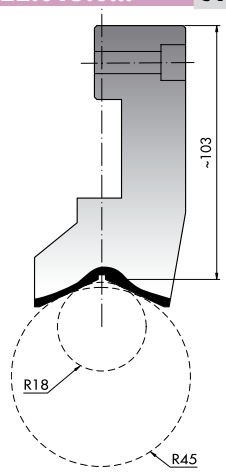
	max t/m
H22.013.0...	100

H22.014.0... C45



	max t/m
H22.014.0...	100

H22.015.0... C45



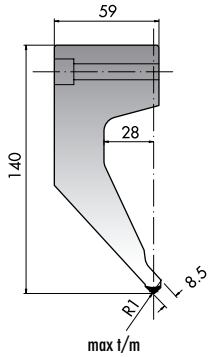
	max t/m
H22.015.0...	100

	L
... ... 1.01	100
... ... 2.01	50
... ... 2.02	55
... ... 2.03	60
... ... 2.04	65
... ... 2.05	70
... ... 2.06	75
... ... 2.07	80
... ... 2.08	85
... ... 2.09	90
... ... 2.10	95

HÄMMERLE - BYSTRONIC TYPE

HRc 54-60 (1980->2200 N/mm²)

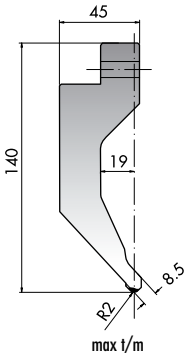
H12.014.0.. 42Cr



max t/m

H12.014.0... 97,5

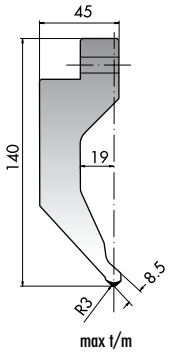
H12.052.0.. 42Cr



max t/m

H12.052.0... 97,5

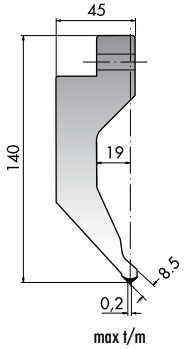
H12.053.0 42Cr



max t/m

H12.053.0... 97,5

H12.019.0.. 42Cr

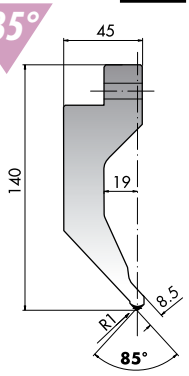


max t/m

H12.019.0... 97,5

H12.015.0.. 42Cr

85°

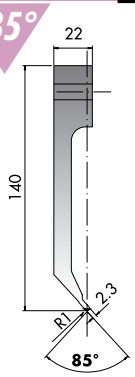


max t/m

H12.014.0... 97,5

H12.025.0.. 42Cr

85°

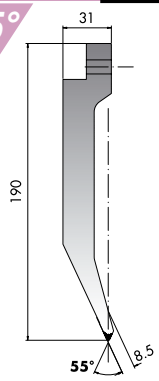


max t/m

H12.052.0... 25

H12.017.0.. 42Cr

55°

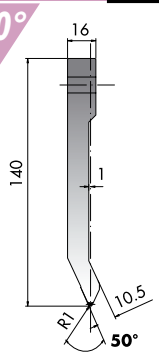


max t/m

H12.053.0... 75

H12.065.0.. 42Cr

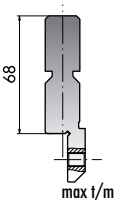
50°



max t/m

H12.019.0... 100

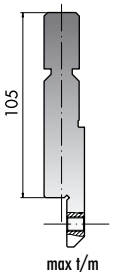
H21.003.0.. C45



max t/m

H21.003.0... 100

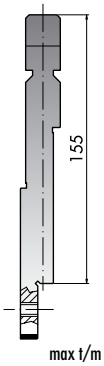
H21.004.0.. C45



max t/m

H21.004.0... 100

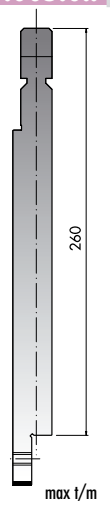
H21.002.0.. C45



max t/m

H21.002.0... 100

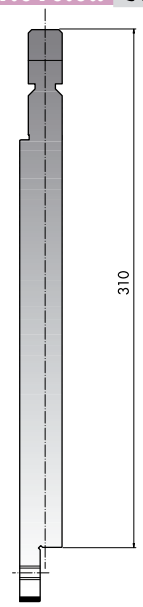
H21.005.0.. C45



max t/m

H12.005.0... 100

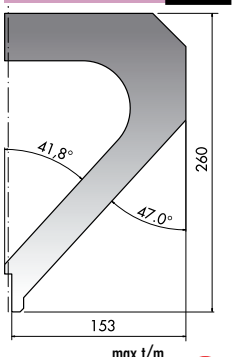
H21.010.0.. C45



max t/m

H12.010.0... 100

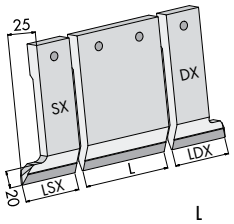
H22.006.0.. 42Cr



max t/m

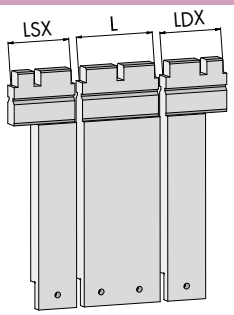
H22.006.0... 60

L1 L200



	L
... ... 1.01	100
... ... 2.01	50
... ... 2.02	55
... ... 2.03	60
... ... 2.04	65
... ... 2.05	70
... ... 2.06	75
... ... 2.07	80
... ... 2.08	85
... ... 2.09	90
... ... 2.10	95
... ... 4.01	75 DX
... ... 4.02	85 DX
... ... 4.03	95 DX
... ... 4.04	105 DX
... ... 4.05	115 DX
... ... 4.06	80 SX
... ... 5.01	75 SX
... ... 5.02	85 SX
... ... 5.03	95 SX
... ... 5.04	105 SX
... ... 5.05	115 SX
... ... 5.06	80 DX

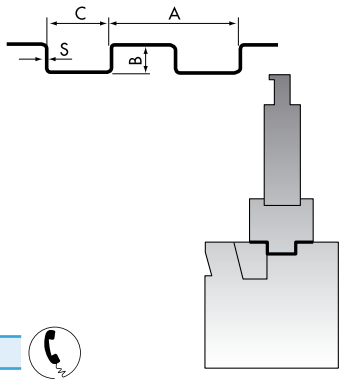
	L
... ... 1.01	100
... ... 1.03	200
... ... 2.01	50
... ... 2.02	55
... ... 2.03	60
... ... 2.04	65
... ... 2.05	70
... ... 2.06	75
... ... 2.07	80
... ... 2.08	85
... ... 2.09	90
... ... 2.10	95
... ... 4.01	75 DX
... ... 4.02	85 DX
... ... 4.03	95 DX
... ... 4.04	105 DX
... ... 4.05	115 DX
... ... 4.06	80 SX
... ... 5.01	75 SX
... ... 5.02	85 SX
... ... 5.03	95 SX
... ... 5.04	105 SX
... ... 5.05	115 SX
... ... 5.06	80 DX



C45 560-710 N/mm²

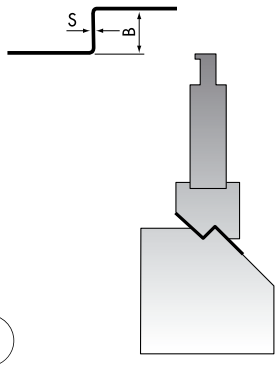
42Cr 900-1150 N/mm²

SPE-1



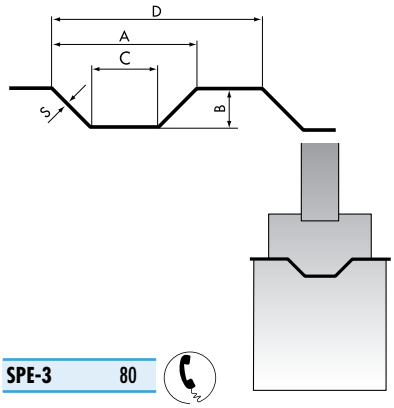
SPE-1

SPE-2



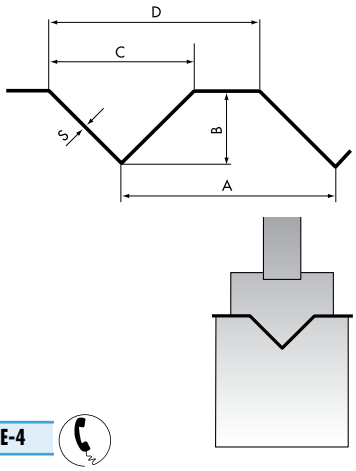
SPE-2

SPE-3



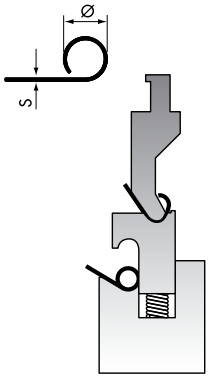
SPE-3 80

SPE-4



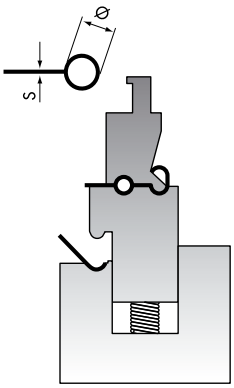
SPE-4

SPE-5

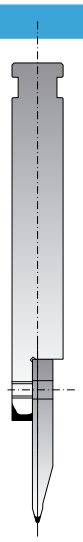


SPE-5

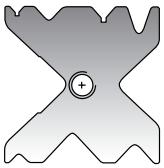
SPE-6



SPE-6

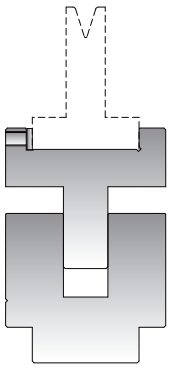


SPE-7



SPE-7

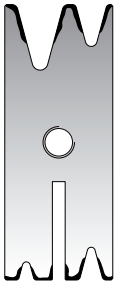
SPE-9



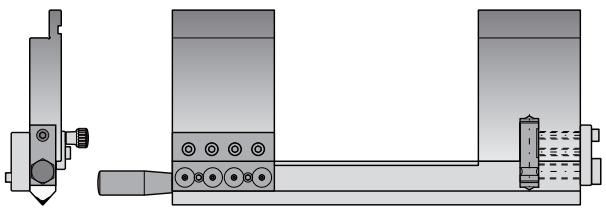
SPE-9

SPE-10

SPE-10

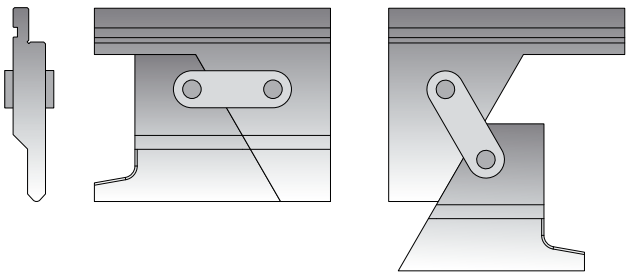


SPE-11



SPE-11

SCA-M

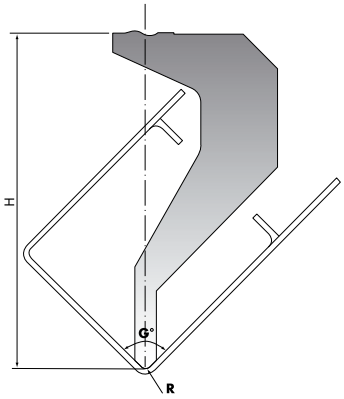


SCA-M

SPECIAL TOOLS

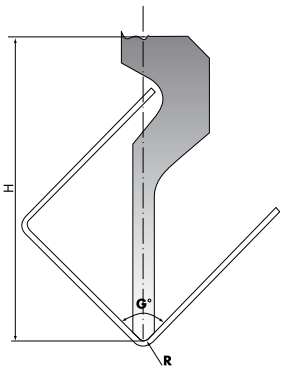
HRc 54-60 (1980->2200 N/mm²)

SPE-P1



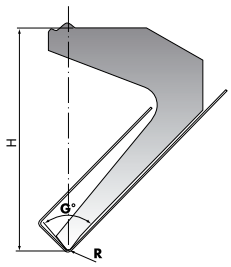
SPE-P1

SPE-P2



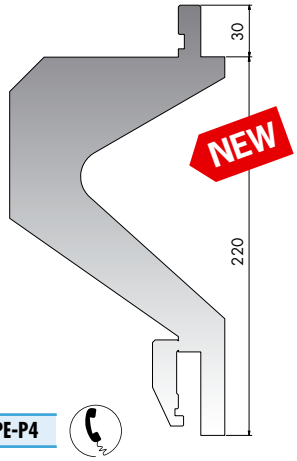
SPE-P2

SPE-P3

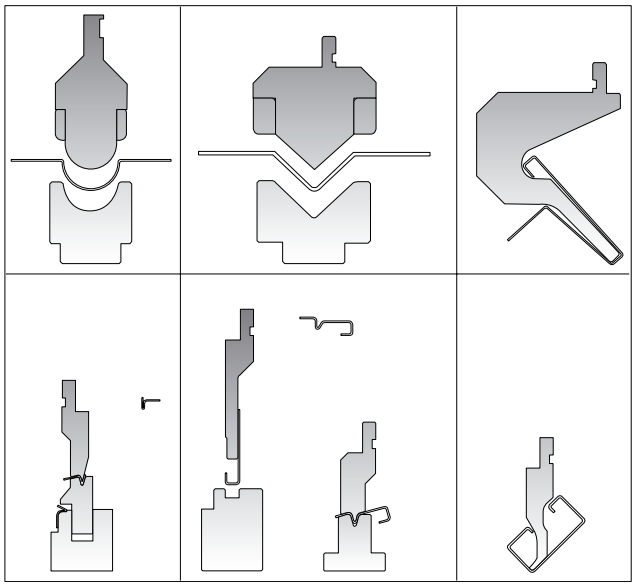


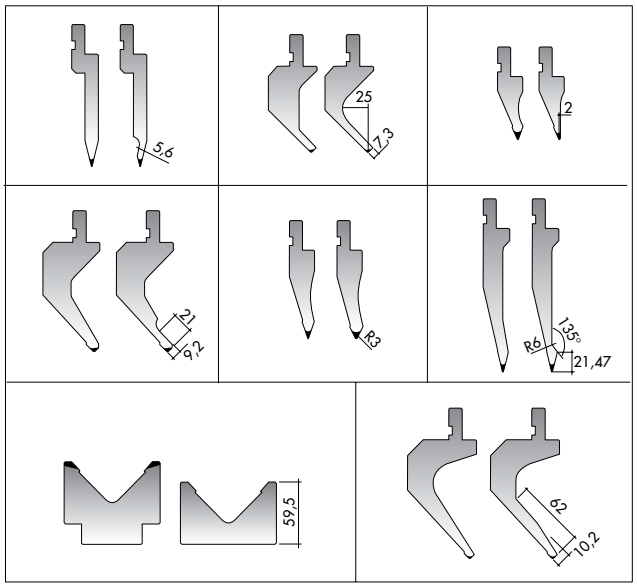
SPE-P3

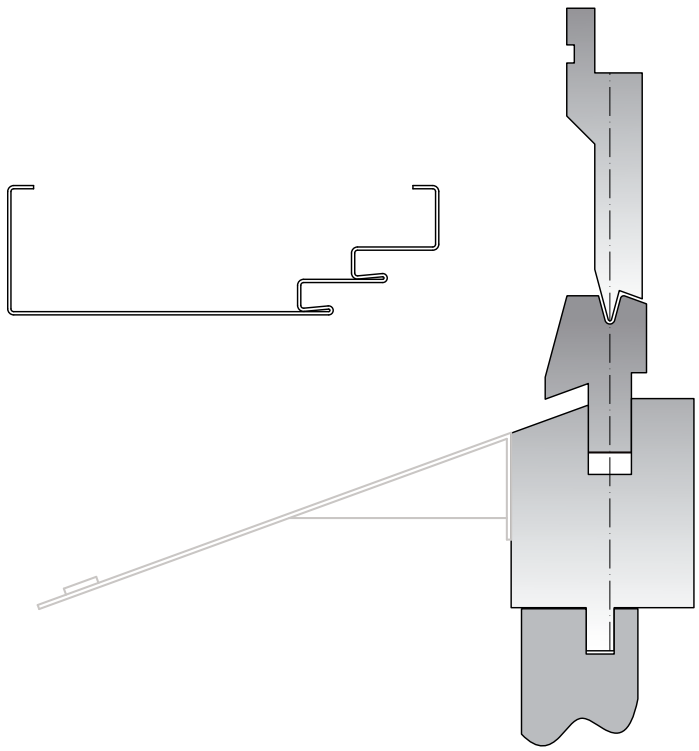
SPE-P4



SPE-P4



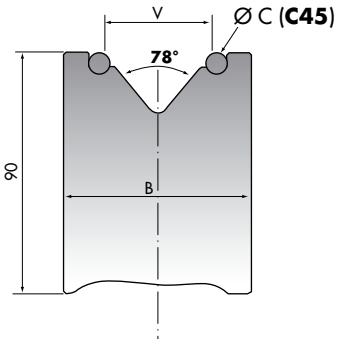




MR90-20-78 ÷ MR 90-70-78 — 42Cr

835 — HRc 60-62

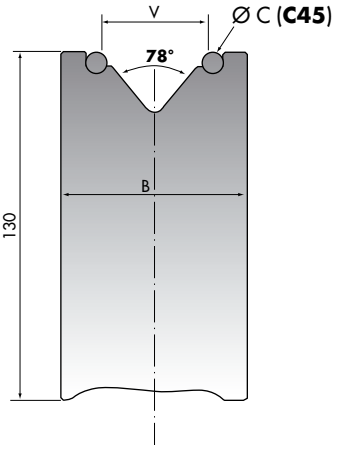
	V mm	B mm	C mm
MR90-20-78	20	45	6
MR90-24-78	24	49	6
MR90-30-78	30	60	8
MR90-40-78	40	70	8
MR90-50-78	50	84	10
MR90-60-78	60	94	10
MR90-70-78	70	104	10



MR130-20-78 ÷ MR 130-120-78 — 42Cr

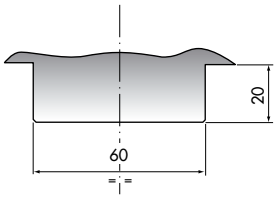
835 — HRc 60-62

	V mm	B mm	C mm
MR130-20-78	20	45	6
MR130-24-78	24	49	6
MR130-30-78	30	60	8
MR130-40-78	40	70	8
MR130-50-78	50	84	10
MR130-60-78	60	94	10
MR130-75-78	75	118	16
MR130-80-78	80	123	16
MR130-90-78	90	133	16
MR130-100-78	100	143	16
MR130-120-78	120	163	16



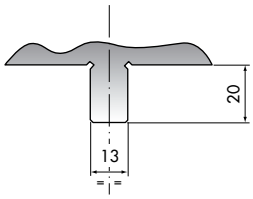
A10

A10



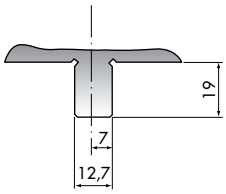
A11

A11



A13

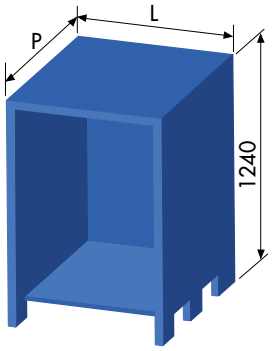
A13



TOOLS FOR PANELLING MACHINE

ARM

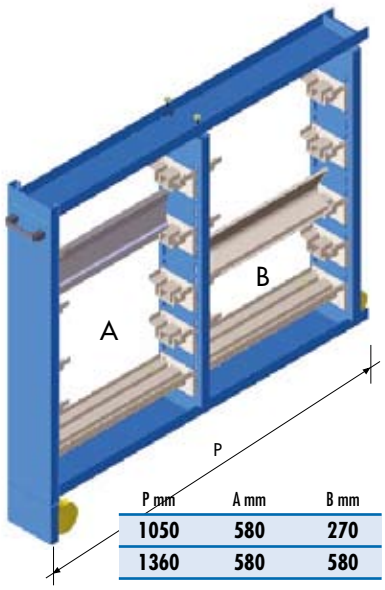
Q



	L mm	P mm
Q4-1	850	1050
Q4-2	850	1360
Q5-1	1040	1050
Q5-2	1040	1360

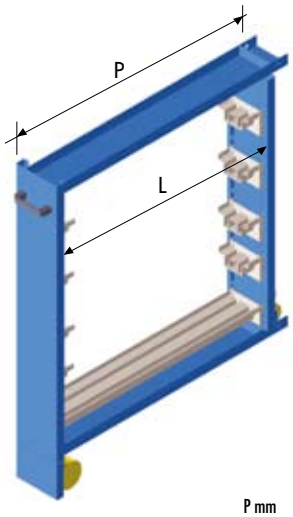
	L max	CS	CV	UC	UL	UT	UV	Q
ARM 835-4	835	4 CS-1	0	16 UC-13-1	4 UL-13-3	0	0	Q4-1
ARM 835-5	835	5 CS-1	0	20 UC-13-1	5 UL-13-3	0	0	Q5-1
ARM 1060-4	1060	4 CS-2	0	16 UC-20-2	4 UL-20-4	0	0	Q4-2
ARM 1060-5	1060	5 CS-2	0	20 UC-20-2	5 UL-20-4	0	0	Q5-2
ARM 1060-4-CV	1060	4 CS-2	2	20 UC-20-1	10 UL-20-4	0	0	Q4-2
ARM 1060-5-CV	1060	5 CS-2	3	30 UC-20-1	10 UL-20-4	0	0	Q5-2
ARM 1060-4-T	1060	4 CS-2	0	0	8 UL-13-4	8 UT-4	0	Q4-2
ARM 1060-5-T	1060	5 CS-2	0	0	10 UL-13-4	10 UT-4	0	Q5-2
ARM 1060-4-T-CV	1060	4 CS-2	2	16 UC-13-1	0	8 UT-4	0	Q4-2
ARM 1060-5-T-CV	1060	5 CS-2	3	24 UC-13-1	0	8 UT-4	0	Q5-2

CV



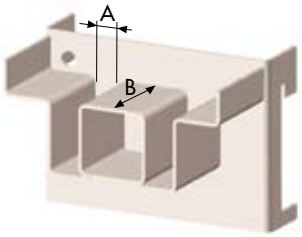
P mm	A mm	B mm
1050	**580**	**270**
1360	**580**	**580**

CS



	P mm	L mm
CS-1	1050	856
CS-2	1360	1166

UC



			A mm	B mm
UC-13-1	(2)	L=125	13	76
UC-13-2	(2)	L=250	13	232
UC-20-1	(2)	L=120	20	76
UC-20-2	(2)	L=250	20	232

TOOLS TROLLEY

A TROLLEY	PROMECAM-AMADA	30 SHELVES
B TROLLEY	BEYELER	26 SHELVES
T TROLLEY	TRUMPF	26 SHELVES

ROLFILM 3 ÷ ROLFILM 30

	m
ROLFILM 3	3
ROLFILM 10	10
ROLFILM 20	20
ROLFILM 30	30

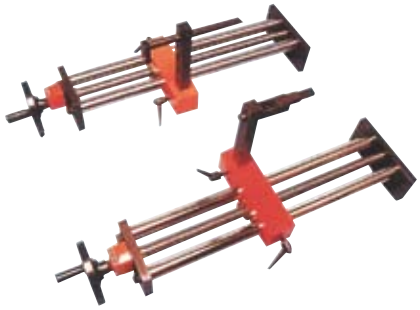
CT

CT	(2)

RIF500 ÷ RIF1500

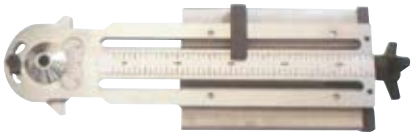
	m
RIF500	500
RIF1000	1000
RIF1500	1500

RP500A RP500B

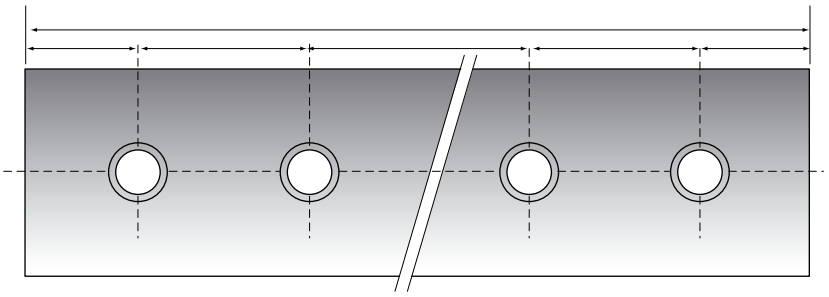


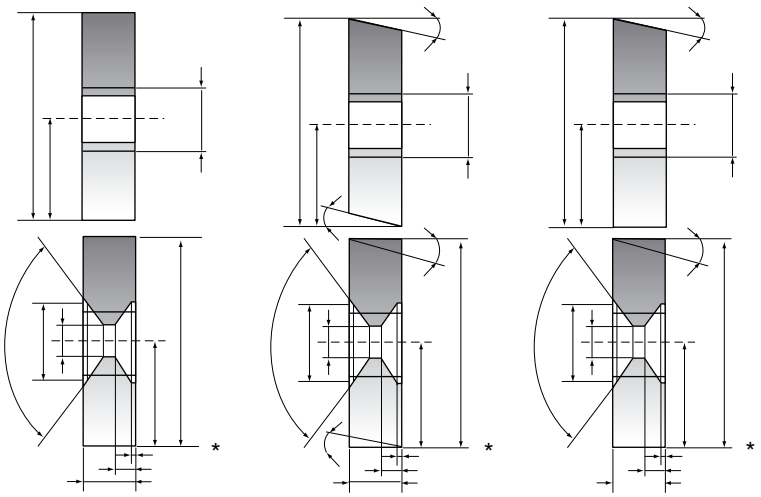
RP500A	▮▮
RP500B	●●

AS



AS

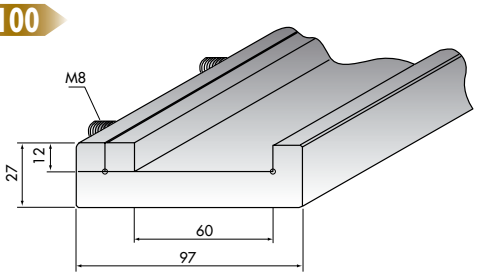




HRc 54-60 (1980->2200 N/mm²)

C2000/S C2500/S C3000/S C4000/S — C45

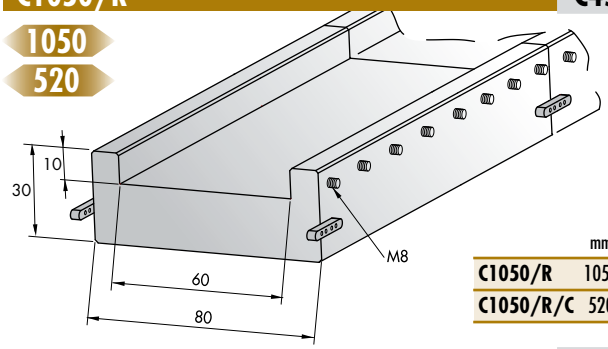
2100 3100 2600 4100



	mm
C2000/S	2100
C2500/S	2600
C3000/S	3100
C4000/S	4100

C1050/R — C45

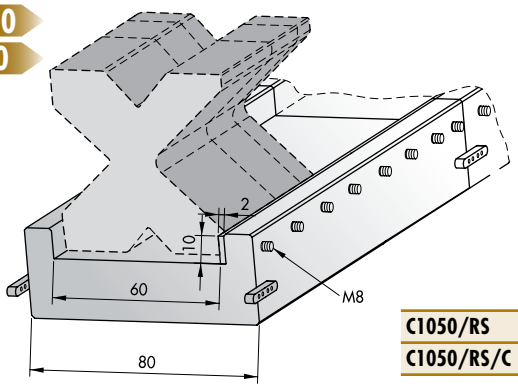
1050 520



	mm
C1050/R	1050
C1050/R/C	520

C 1050/RS — C45

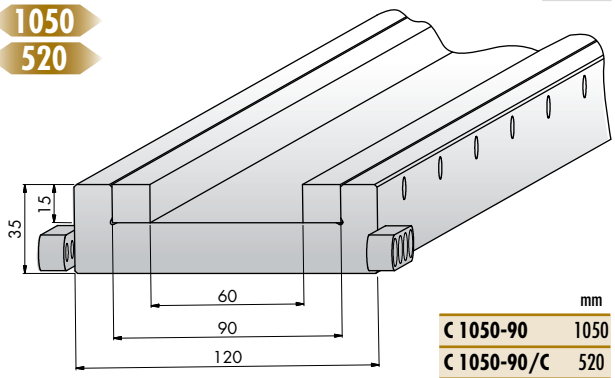
1050 520



	mm
C1050/RS	1050
C1050/RS/C	520

C 1050-90 — C45

1050 520

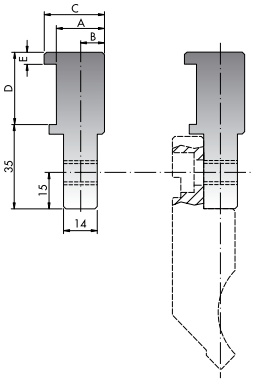


	mm
C 1050-90	1050
C 1050-90/C	520

INT35 — C45

835 805 415

A9 84

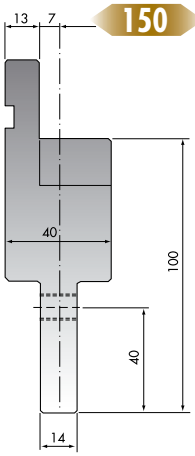


	mm
INT35	835
INT35/C	415
INT35/F	805

L10 L15 +L25

INT100 — C45

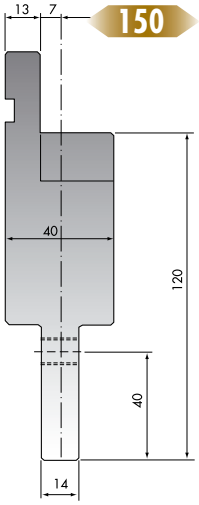
150



	max t/m
INT100	100

INT120 — C45

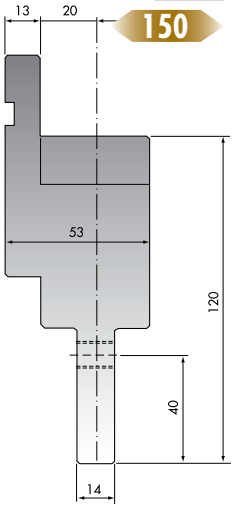
150



	max t/m
INT120	100

INT120-40 — C45

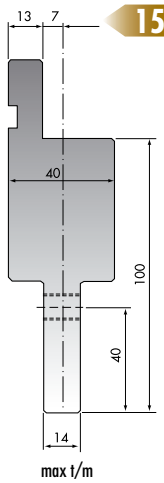
150



	max t/m
INT120-40	100

INT100 FISSO — C45

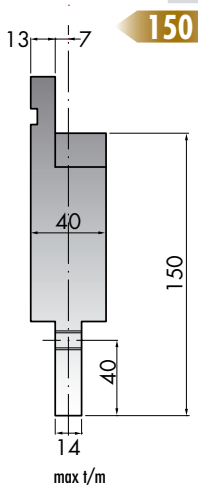
150



	max t/m
INT100 FISSO	100

INT150 — C45

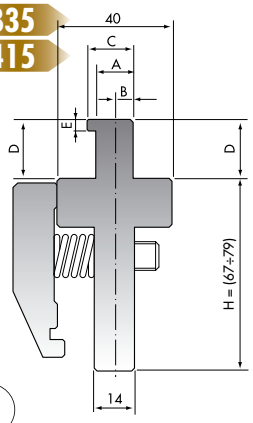
150



	max t/m
INT150	100

INT67-79 — C45

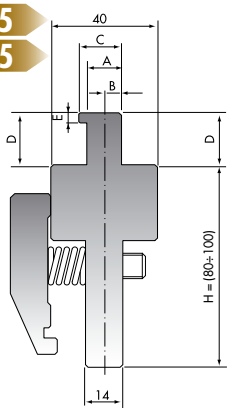
835 415



	mm	max t/m
INT67-79	835	100
INT67-79/C	415	100

INT80-100 — C45

835 415

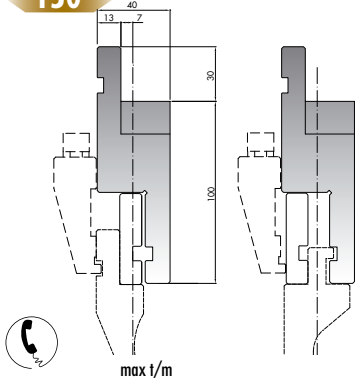


	mm	max t/m
INT80-100	835	100
INT80-100/C	415	100

HRc 54-60 (1980->2200 N/mm²)

INT100-N (NEWTON/PROMECAM) C45

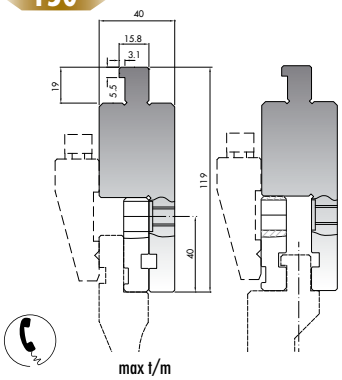
150



	max t/m
INT100-N	100

INT100-A (AMERICAN) C45

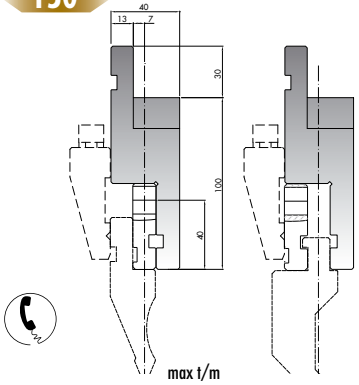
150



	max t/m
INT100-A	100

INT100-A (PROMECAM) C45

150

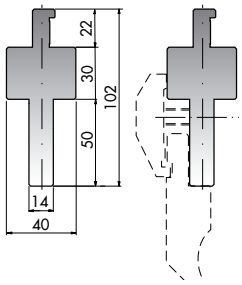


	max t/m
INT100-A PROMECAM	100

AD1-A÷AD1-D (LVD/PROMECAM) C45

150

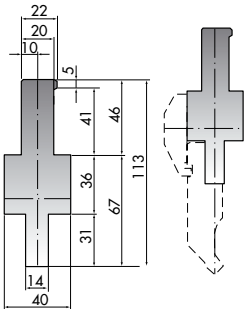
62



	max t/m
AD1-A	100
AD1-B	100
AD1-C	100
AD1-D	100

AD3 (BEYELER S/PROMECAM) C45

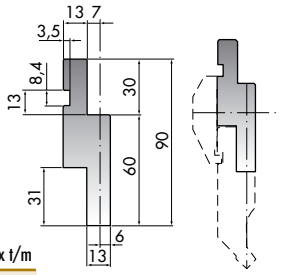
150



	max t/m
AD3	100

AD4 (PROMECAM) C45

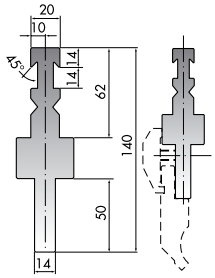
150



	max t/m
AD4	100

AD10 (BEYELER RF-A/PROMECAM) C45

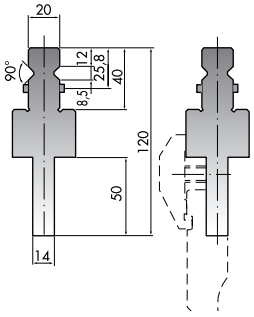
150



	max t/m
AD10	100

AD11 (TRUMPF/PROMECAM) C45

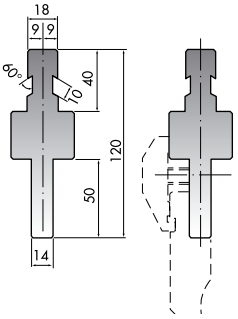
150



	max t/m
AD11	100

AD12 (COLGAR/PROMECAM) C45

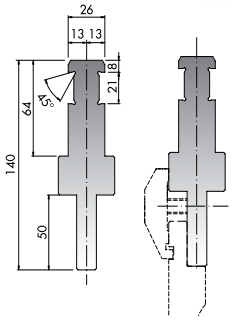
150



	max t/m
AD12	100

AD13 (EHT/PROMECAM-AMADA) C45

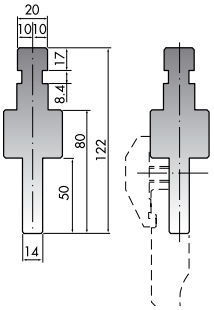
150



	max t/m
AD13	100

AD14 (GASPARINI/PROMECAM) C45

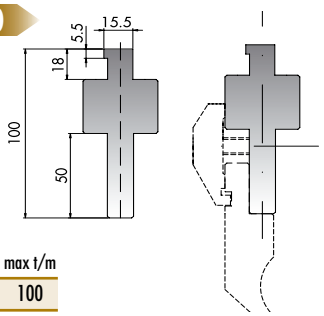
150



	max t/m
AD14	100

AD15 (AJIAL-AXIAL/PROMECAM) C45

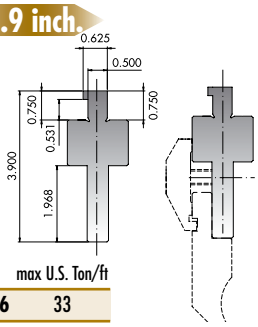
150



	max t/m
AD15	100

AD16 (AMERICAN/PROMECAM) C45

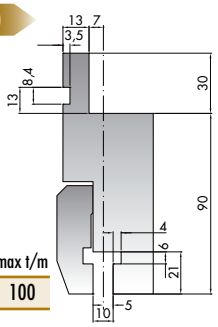
5.9 inch



	max U.S. Ton/ft
AD16	33

AD19-A (PROMECAM/LVD) C45

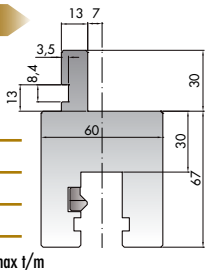
150



	max t/m
AD19-A	100

AD20 (PROMECAM)/WILA) C45

150

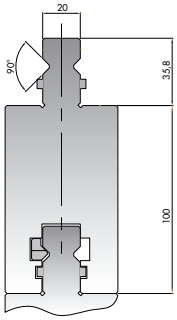


Spinta in Testa
Head Trust
Kopfdruck

	max t/m
AD20	100

AD21 (TRUMPF/TRUMPF) 42Cr

150



	max t/m
AD21	150

C45 560-710 N/mm²

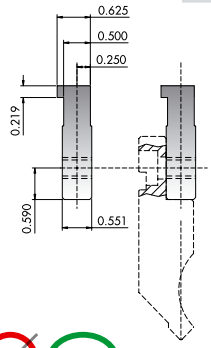
42Cr 900-1150 N/mm²

RETROFITTING

HRc 54-60 (1980->2200 N/mm²)

INT35-A (AMERICAN/PROMECAM) C45

32.87 inch
16.34 inch
31.69 inch

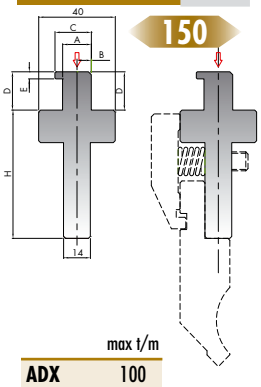


	inch
INT35-A	32.87
INT35-A/C	16.34
INT35-A/F	31.69

L0.39 L0.59 +L0.98

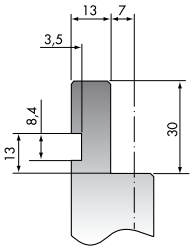
ADX C45

150

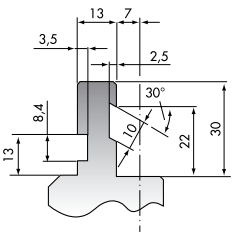


	max t/m
ADX	100

STANDARD

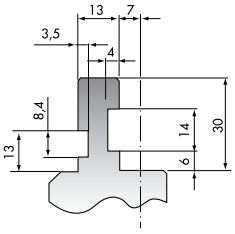


A1



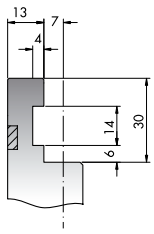
A1

A6



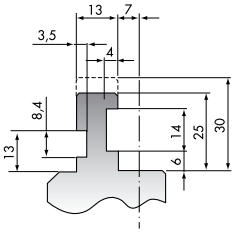
A6

A41



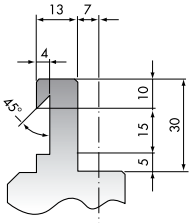
A41

A7



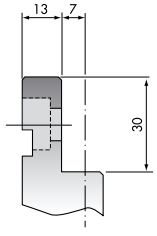
A7

A8



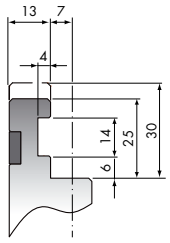
A8

A9



A9

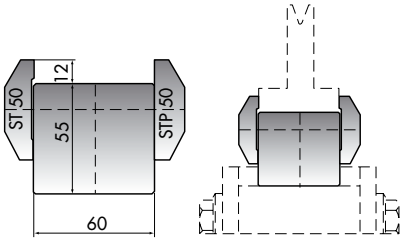
A42 C45



A42

CTS60 (PROMECAM) C45

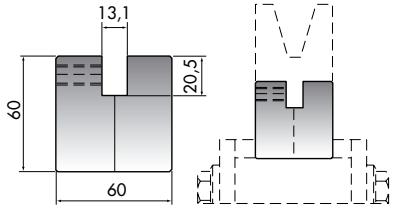
835
415



	mm
CTS60	835
CTS60/C	415

AD5 (PROMECAM/TRUMPF-BEYELER) C45

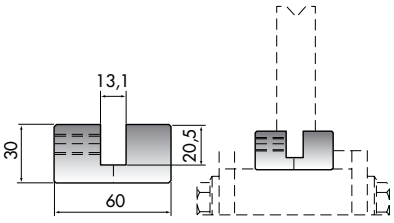
1000
500



	mm
AD5	1000
AD5/C	500

AD6 (PROMECAM/TRUMPF-BEYELER) C45

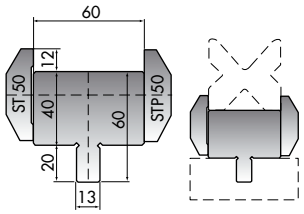
1000
500



	mm
AD6	1000
AD6/C	500

AD7 (TRUMPF-BEYELER/PROMECAM) C45

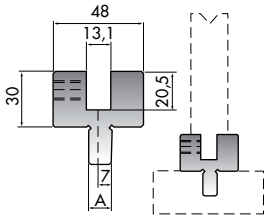
835
415



	mm
AD7	835
AD7/C	415

AD8 (LVD/TRUMPF-BEYELER) C45

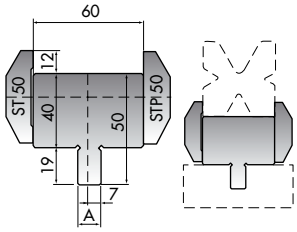
1000
500



	A mm
AD8	12
AD8-12.7	12,7

AD9 (LVD/PROMECAM-AMADA) C45

835
415



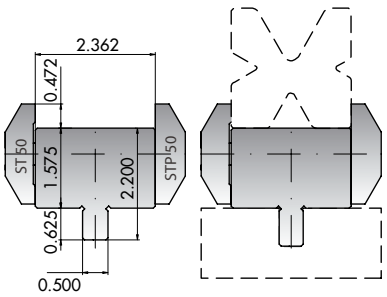
	A mm
AD9	12
AD9-12.7	12,7

RETROFITTING

HRc 54-60 (1980->2200 N/mm²)

AD17 (AMERICAN/PROMECAM-AMADA) C45

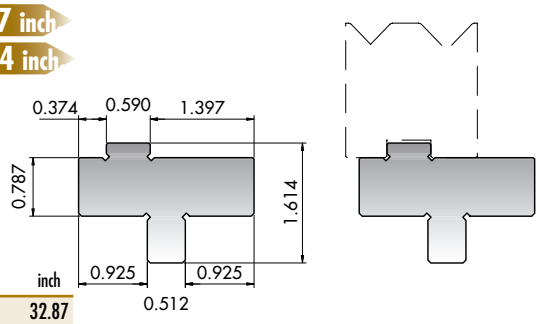
32.87 inch
16.34 inch



	inch
AD17	32.87
AD17/C	16.34

AD18 (AMERICAN/PROMECAM-AMADA) C45

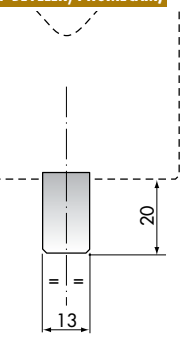
32.87 inch
16.34 inch



	inch
AD18	32.87
AD18/C	16.34

A30 (TRUMPF-BEYELER/PROMECAM)

835
415
805

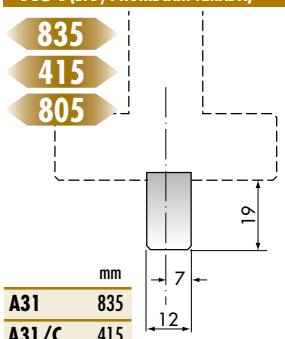


	mm
A30	835
A30/C	415
A30/F	805

L10 L15 +L25

A31 (LVD/PROMECAM-AMADA)

835
415
805

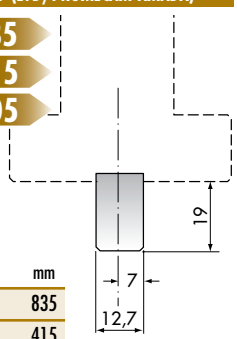


	mm
A31	835
A31/C	415
A31/F	805

L10 L15 +L25

A32 (LVD/PROMECAM-AMADA)

835
415
805

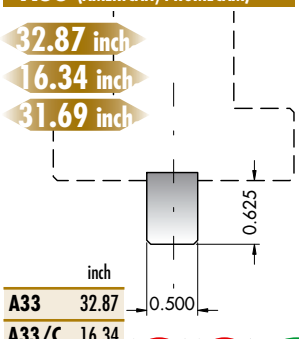


	mm
A32	835
A32/C	415
A32/F	805

L10 L15 +L25

A33 (AMERICAN/PROMECAM)

32.87 inch
16.34 inch
31.69 inch

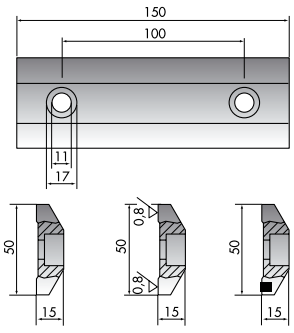


	inch
A33	32.87
A33/C	16.34
A33/F	31.69

L0.39 L0.59 +L0.98

ST50 ST50R STG50 Fe37

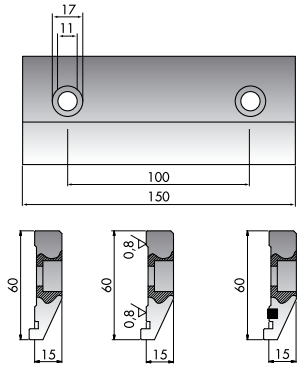
150



ST50 ST50R STG50

ST60 ST60R STG60 Fe37

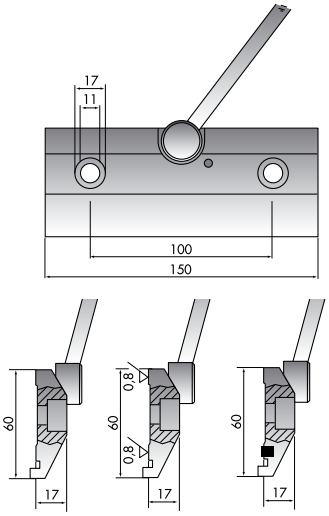
150



ST60 ST60R STG60

STL60 STL60R STLG60 Fe37

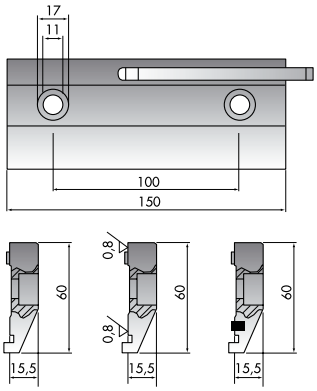
150



STL60 STL60R STLG60

STX60 STX60R STXG60 Fe37

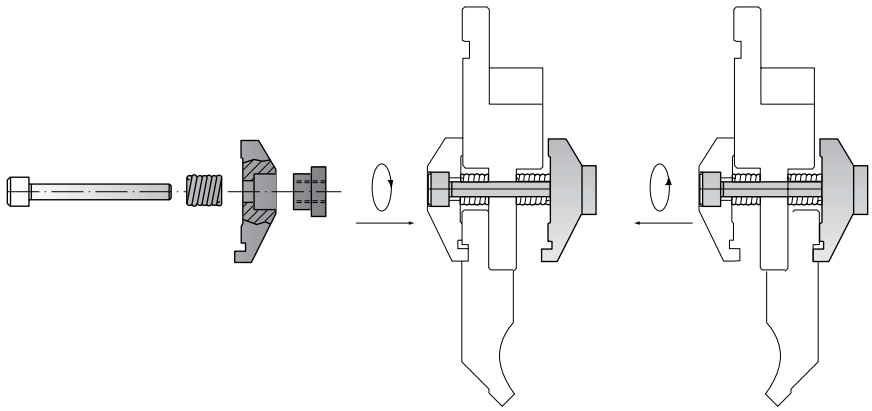
150



STX60 STX60R STXG60

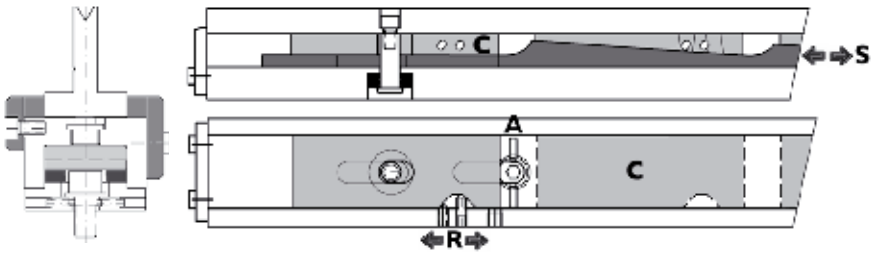
C45 560-710 N/mm² 42Cr 900-1150 N/mm²

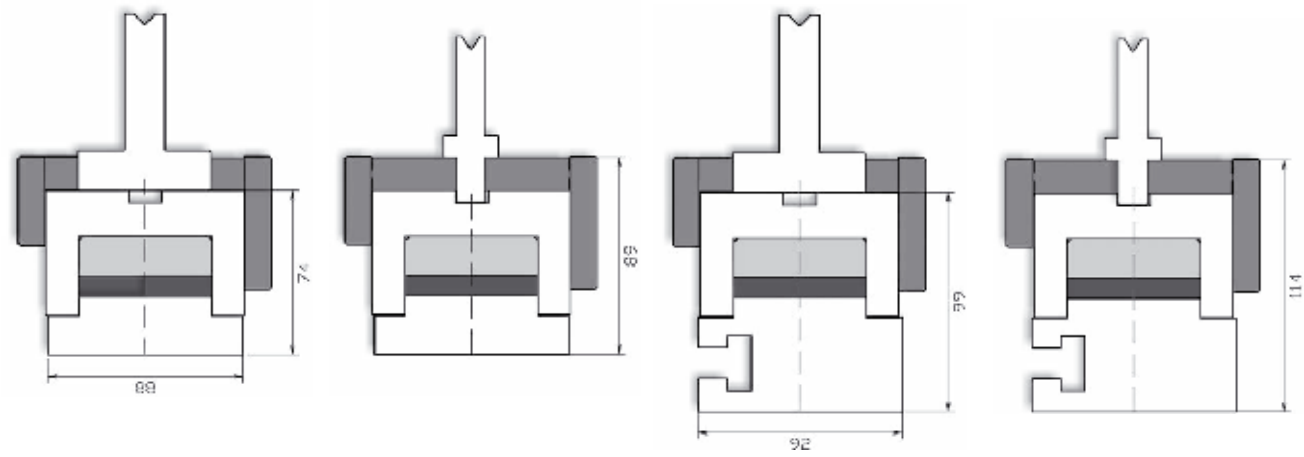
KDS



KDS

CROWNING SYSTEM





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●													●	●	●	●											●	●	●	●								●	●	●					●	●					●	●	P.97.88.R06
●														●	●	●												●	●	●								●	●	●					●	●							P.97.88.R08
●										●	●	●	●	●	●	●									●	●	●	●	●	●					●	●	●							●	●	●	●	●	●	●	●	P.114.88.R06
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●							●	●	●	●	●	●	●	●	●	●						●	●	●	●	●	●	●	●	●					●	●	●	●	●	●	●					●	●	●						PR.135.88.R08
●						●	●	●	●	●	●	●	●	●	●	●						●	●	●	●	●	●	●	●	●						●	●	●	●	●	●						●	●	●				●	PS.135.88.R08
●					●	●	●	●	●	●	●	●	●	●	●	●				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●						●	●					P.150.88.R08
●				●	●	●	●	●	●	●	●	●	●	●	●	●					●	●	●	●	●	●	●	●	●	●					●	●	●	●	●	●						●	●						P.175.88.R08
●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	P.196.88.R06
●							●	●	●	●	●	●	●	●	●	●					●	●	●	●	●	●	●	●	●	●	●					●	●	●	●	●	●					●	●	●	●					P.135.85.R08
●			●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●	●	P.145.85.R08
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●									●	●	●	●	●	●	●	●								●	●	●	●	●	●	●							●	●	●	●	●					●	●	●					P.115.60.R08
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●														●	●	●												●	●	●								●	●													P.95.45.R08
●													●	●	●	●												●	●	●								●	●													P.97.45.R05
●															●	●														●																								PU.85.35.R08
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●														●	●	●												●	●	●								●														P.116.35.R08
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●														●	●	●												●	●	●									●														P.147.26.R08
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●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●			●	●	●	●					TOP.205.85.R08
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●														●	●	●													●	●																								TOP.SP.134.28.8
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●															●	●																																				P.150.26.R08
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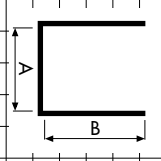
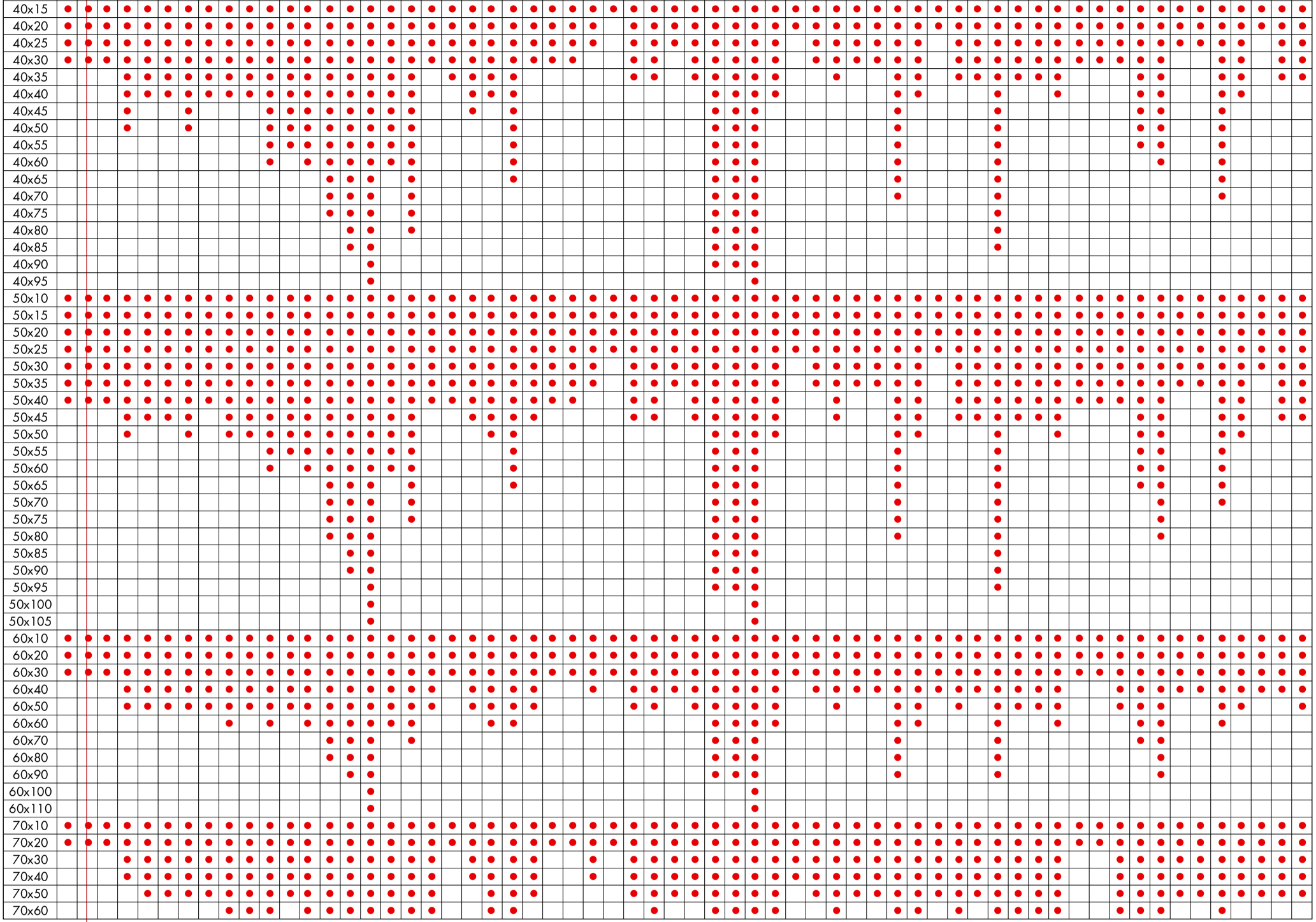
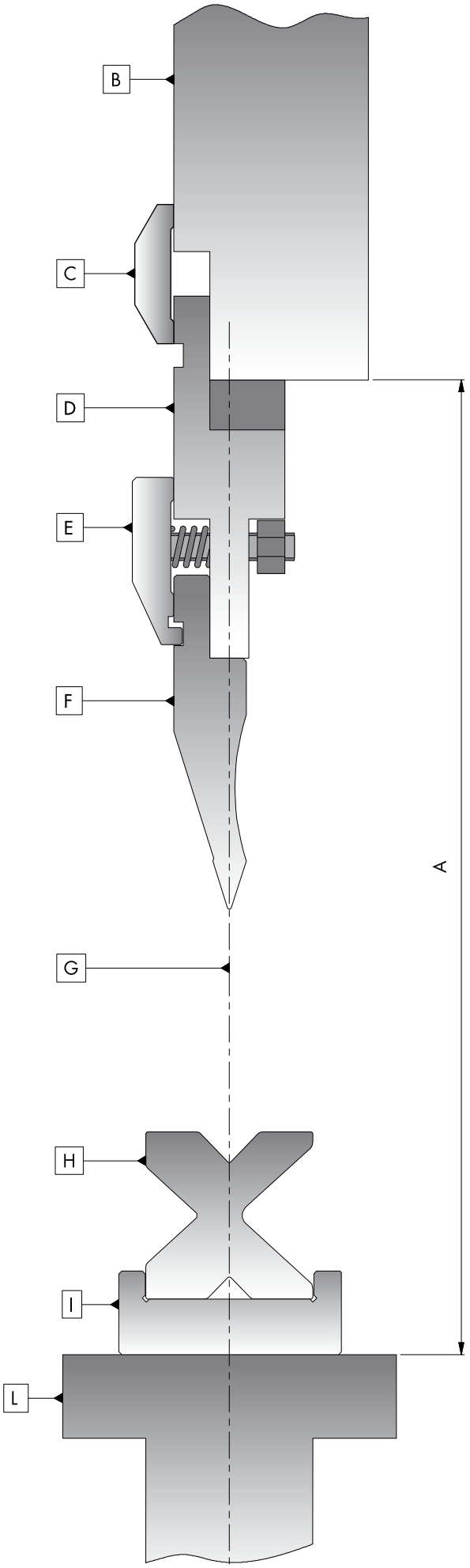
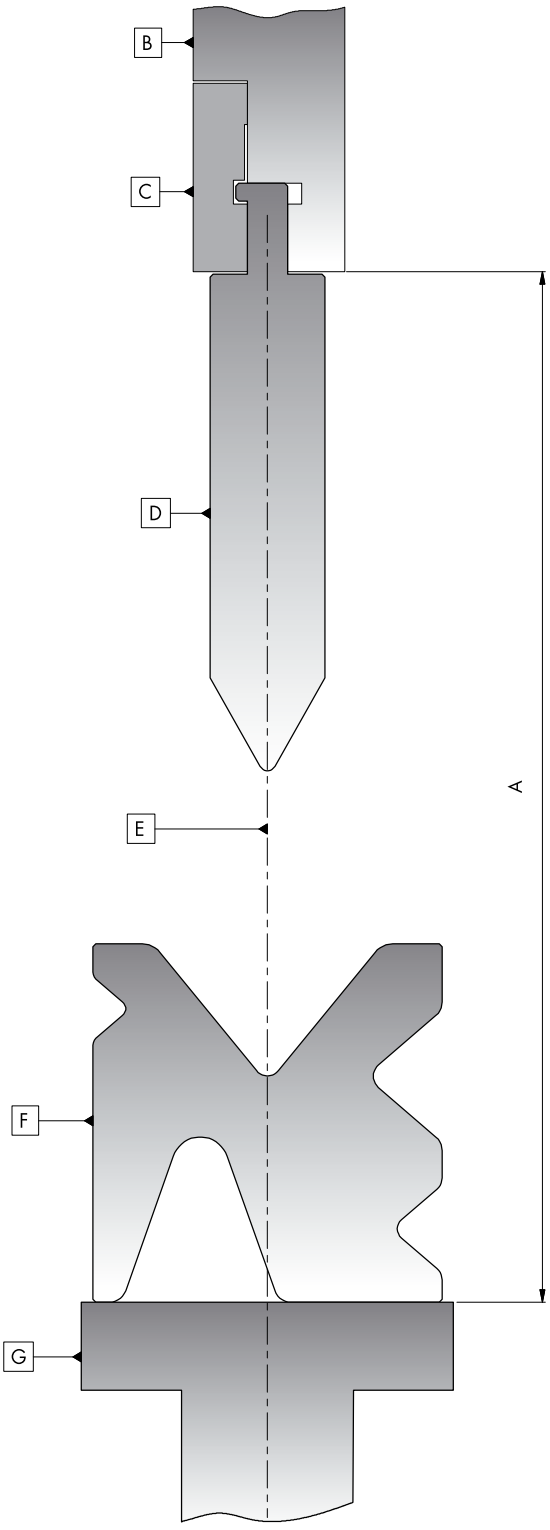








C45 560-710 N/mm²

42Cr 900-1150 N/mm²

42 kg/mm²

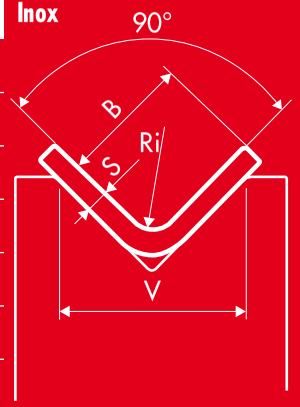
S mm	4	5	6	8	10	12	16	20	25	32	40	50	63	80	100	125	160	200	250	V
	3	3,5	4	5,5	6,5	8	10,5	13	16,5	21	26	32,5	41	52	65	81,5	104	130	163	B
	0,5	0,7	0,8	1	1,3	1,5	2	2,5	3,2	4,4	5	6,5	8	10	12	15	20	25	37	Ri
0,6	6	5	3	2																
0,8	12	9	7	5	4															
1		15	11	8	6	5														
1,2			18	12	9	7	5													
1,5				21	15	12	8	6												
2					30	23	16	12	9											
2,5						39	27	20	14	11										
3							43	31	23	16	12									
4								60	44	32	23	18								
5									76	54	39	29	22							
6										85	62	45	33	25						
8											121	88	70	46	35					
10												151	109	79	58	44				
12													173	124	91	66	50			
15														213	155	113	81	62		
20															302	220	158	115	89	
25																378	269	197	144	F t/m

30°	B x 1,6	R = 20 kg/mm²	r x 0,8
60°	B x 1,1		
90°	B x 1	R = 42 kg/mm²	r x 1
120°	B x 0,9		
150°	B x 0,7	R = 70 kg/mm²	r x 1,4

Al

Fe

Inox



INOX - stainless steel R 70 kg/mm² Ton x 1,7

AL - aluminium R 20 kg/mm² Ton x 0,5

(R = tensile strength)

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