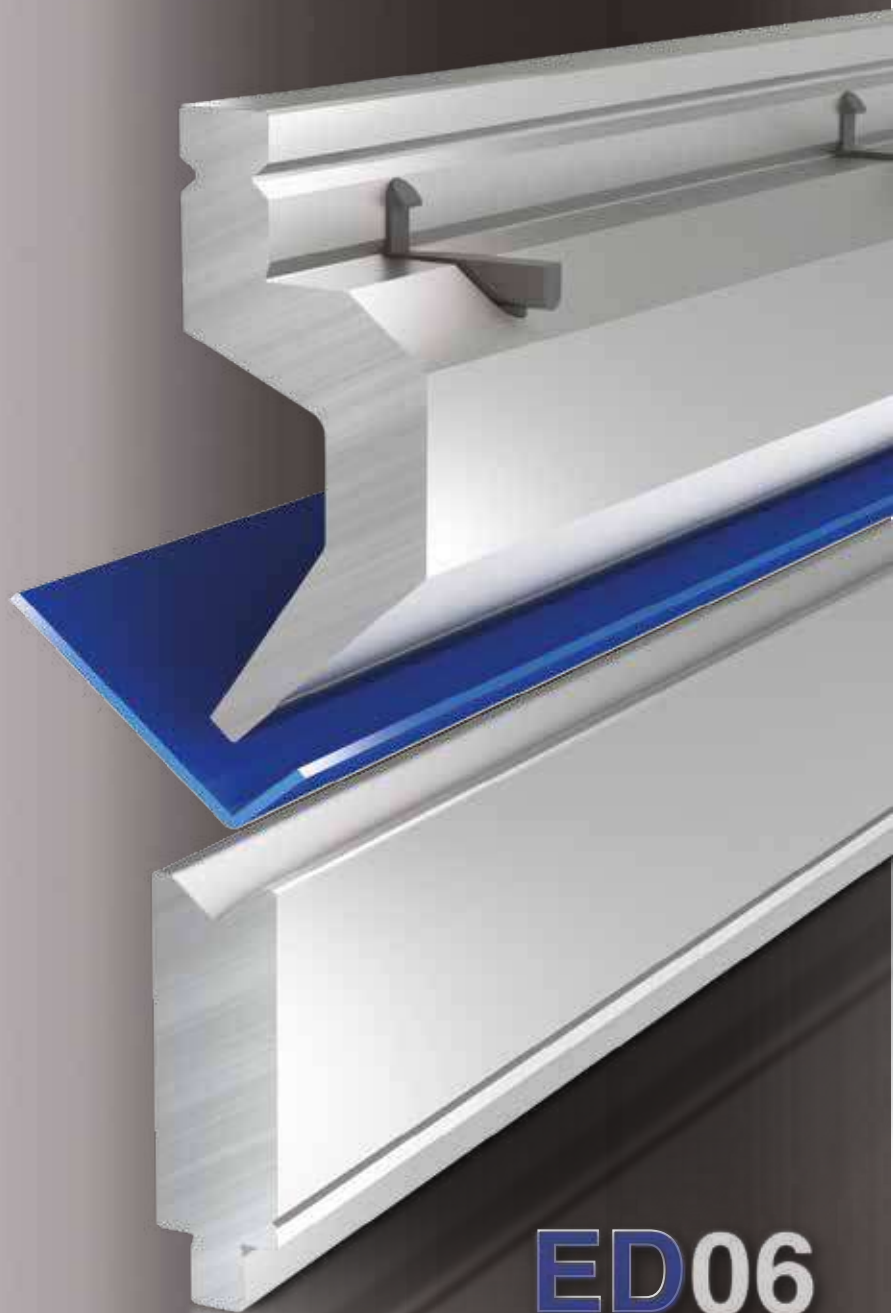


MECOS

DEFORMACIÓN DEL METAL



ED06

UTENSILI PER PRESSE PIEGATRICI



TOOLING FOR PRESS BRAKES



UTILLAJE PARA PLEGADORA



UTILLAJE PARA DOBRADEIRAS



OUTILS POUR PRESSE PLIEUSE



WERKZEUGE FÜR ABKANTPRESSEN



BLUE LINE

UTILLAJE TIPO WILA - TRUMPF

www.mecos.es



EXPERIENCE & INNOVATION



Da più di 30 anni mettiamo la nostra esperienza al servizio del cliente, progettando e producendo utensili per tutti i tipi di presse piegatrici e cesoie. I prodotti Tecnostamp vengono interamente progettati e costruiti in Italia e commercializzati in tutto il mondo; la nostra azienda offre anche un efficiente servizio post-vendita garantito dalla competenza dei nostri tecnici e dall'assistenza telefonica dell'ufficio commerciale.



For over 30 years Tecnostamp designs and produces tools for all types of press brakes and shears, offering its experience to meet customer requirements. Tecnostamp products are fully designed and produced in Italy and they are sold worldwide; our company also offers an efficient after sales service guaranteed by the experience of our technicians and by the helpline of our sales department.



De más de 30 años, empleamos nuestra experiencia al servicio del cliente, proyectando y produciendo utillajes para todo tipo de prensas plegadoras y cizalladura. Tecnostamp produce en su propia fabrica todos los productos y comercializa en todo el mundo; nuestra empresa también ofrece un servicio post-venta eficiente garantizado por la experiencia de nuestros técnicos y la asistencia telefónica de oficina comercial.



Há mais de 30 anos que colocámos a nossa experiência ao serviço do cliente, projetando e produzindo ferramentas para todos de tipos de quinadoras/dobreadeiras e fesoura. Os produtos Tecnostamp são inteiramente projetados e construídos em Itália e comercializados em todo o mundo; a nossa empresa também oferece um serviço pós-venda eficiente garantido pela experiência dos nossos técnicos e pela assistência telefónica de nosso escritório de vendas.



Depuis plus de 30 ans, nous mettons notre expérience au service de la clientèle, avec la conception et la production d'outils pour presses plieuses et cisailles. Les produits Tecnostamp sont entièrement conçus et fabriqués en Italie et vendus dans le monde; notre entreprise offre un service après-vente garanti par la compétence de nos techniciens et l'assistance téléphonique de notre bureau commercial.



Seit mehr als 30 Jahren setzt Tecnostamp seine Erfahrung in der Kundenbetreuung, Entwicklung und der Herstellung von Abkantwerkzeuge für alle Typen von Abkantpressen ein und schert. Unsere Produkte werden komplett in Italien entworfen, hergestellt und weltweit verkauft. Unser Unternehmen bietet Ihnen auch einen effizienten After-Sales-Service durch das Know-How unserer Techniker und die Hotline unseres Vertriebsbüros.



OUR PRODUCT LINES



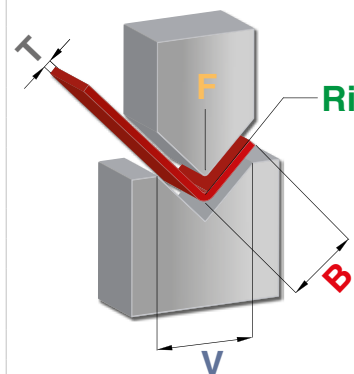
TABELLA DI PIEGATURA - BENDING CHART

FORZA NECESSARIA PER PIEGA A 90° IN ARIA DI LAMIERA CON RESISTENZA
 FORCE REQUIRED FOR 90° AIR BENDING, SHEET RESISTANCE
 FUERZA NECESARIA PARA PLEGAR A 90° CON LA RESISTENCIA
 FORÇA NECESSÁRIA PARA QUINAR/DOBRAR NO AR A 90° COM RESISTÊNCIA
 FORCE NÉCESSAIRE POUR LE PLIAGE EN L'AIR À 90 ° AVEC RÉSISTANCE
 ERFORDERLICHE PRESSKRAFT FÜR 90° FREIBIEGEN, ZUGFESTIGKEIT



R=45 Kg/mm^q

T	6	8	10	12	16	20	25	32	40	50	63	80	100	125	160	200	250	V
mm	4	5.5	7	8.5	11	14	17.5	22	28	35	45	55	71	89	113	140	175	B
	1	1.3	1.6	2	2.6	3.3	4	5	6.5	8	10	13	16	20	26	33	41	Ri
0.5	3																	
0.6	4	4																
0.8	7	5	4															
1	11	8	7	6														
1.2	16	12	10	8	6													
1.5		17	15	13	9	8												
2			27	22	17	13	11											
2.5				35	26	21	17	13										
3					38	30	24	19	15									
4						54	42	34	27	21								
5							67	52	42	33	26							
6								75	60	48	38	30						
8									107	85	68	53	43					
10										134	105	85	67	53				
12											153	120	96	78	60			
15												188	150	120	95	75		
20													270	215	170	135	108	F
																		t/m



SPESSORE LAMIERA IN MM - THICKNESS OF THE SHEET IN MM - ESPESOR DE CHAPA MM
 ESPESSURA DA CHAPA EM MM - ÉPAISSEUR DE TÔLE EN MM - MATERIALDICKE IN MM

FORZA IN TON /METRO - FORCE IN TON /METER - FUERZA TON/METRO
 FORÇA TON/METRO - FORCE EN TON/METRE - PRESSKRAFT IN T/M

RAGGIO INTERNO - INSIDE RADIUS - RADIO INTERIOR - RAO INTERNO - RAYON INTÉRIEUR - INNENRADIUS

BORDO MINIMO POSSIBILE - MINIMUM FLANGE LENGHT - ALA MINIMA
 ABA MINIMA - BORD MINI POSSIBLE - KÜRZESTE SCHENKELLANGE

LARGHEZZA DEL V - V-OPENING - APERTURA MATRIZ - ABERTURA DO V - LARGEUR DU VE - MATRIZENÖFFNUNGSWEITE V

T

F

Ri

B

V

CALCOLO DELLA FORZA PER PIEGA IN ARIA

CALCULATION OF FORCE FOR AIR BENDING

CÁLCULO DE LA FUERZA DE PLEGADO AL AIRE

CÁLCULO DE FORÇA DA QUINAGEM/DOBRA NO AR

CALCUL DE LA FORCE POUR PLIAGE EN L'AIR

BESTIMMUNG DER PRESSKRAFT

$$F = \frac{T^2 \times 2 \times R}{1.4 \times V} = \dots\dots\dots \text{Tons/mt}$$

ALLUMINIO - ALUMINIUM - ALUMINIO - ALUMINIO - ALUMINIUM - ALUMINIUM

R=20-25 KG/MMQ

ACCIAIO DOLCE - MILD STEEL - ACERO - AÇO - ACIER - STAHL

R=40-45 KG/MMQ

INOX - STAINLESS STEEL - INOX - INOX - ACIER INOXYDABLE - EDELSTAHL

R=65-70 KG/MMQ

RAPPORTO TRA SPESSORE DI LAMIERA E AMPIEZZA DEL V - SHEET THICKNESS / V- WIDTH

CHAPA ESPESSOR / ANCHO V - ESPESSURA DA CHAPA / LARGURA V

RAPPORT ÉPAISSEUR DE TÔLE / LARGEUR DU VE - MATERIALDICKE / MATRIZENÖFFNUNGSWEITE V

SPESSORE LAMIERA (mm) - SHEET THICKNESS (mm) - ESPESOR DE CHAPA (mm)	0.5 - 2.5	3 - 8	9 - 10	12 OR MORE
ESPESSURA DA CHAPA (mm) - ÉPAISSEUR DE TÔLE (mm) - MATERIALDICKE (mm)				
AMPIEZZA DEL V (mm) - V - WIDTH (mm) - ANCHO V (mm)	6 T	8 T	10 T	12 T
LARGURA V (mm) - LARGEUR DU VE (mm) - MATRIZENÖFFNUNGSWEITE V (mm)				

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TRATTAMENTI TERMICI E TIPO DI MATERIALE - HARDENED TREATMENT AND TYPE OF MATERIAL

TRATTAMENTI TERMICI - HARDENED TREATMENT - TRATAMIENTOS ENDURECIDOS - TRATAMENTOS TÉRMICOS - TRAITEMENTS THERMIQUES - HÄRTEBEHANDLUNG

GLI UTENSILI STANDARD E SPECIALI SONO TEMPRATI AD INDUZIONE SULLE PARTI USURABILI A 52-55 HRC.

THE STANDARD AND SPECIAL TOOLS ARE INDUCTION HARDENED TO 52-55 HRC ON WEAR PARTS.

LAS HERRAMIENTAS ESTÁNDAR Y ESPECIALES VIENEN TEMPLADAS POR INDUCCIÓN DE 52-55 HRC EN PIEZAS DE DESGASTE.

AS FERRAMENTAS STANDARD E ESPECIAIS SÃO TEMPERADAS POR INDUÇÃO 52-55 HRC NA ZONA DE DESGASTE.

LES OUTILS STANDARDS ET SPÉCIAUX SONT TREMPÉS PAR INDUCTION À 52-55 HRC SUR LES PARTIES TRAVAILLANTES.

DIE VERSCHLEISSTEILE DER STANDARD UND SONDERWERKZEUGE SIND INDUKTIV AUF 52-55HRC GEHÄRTET.

TRATTAMENTI ANTIUSURA - ANTIWEAR TREATMENT - TRATAMIENTOS ANTI-DESGASTE - TRATAMENTOS ANTI-DESGASTE - TRAITEMENTS ANTI-USURE - BEHANDLUNG FÜR VERSCHLEISSCHUTZ

A RICHIESTA DEL CLIENTE, SUGLI UTENSILI COSTRUITI IN 42CRM04, PUÒ ESSERE FATTO UN TRATTAMENTO ANTIUSURA DI NITRURAZIONE.

ON REQUEST ON THE TOOLING IN 42CRM04 TECNOSTAMP CAN MAKE AN ANTIWEAR-NITRIDING TREATMENT.

OPCIONALMENTE, AL UTILLAJE EN 42CRM04, SE LE PUEDE HACER UN TRATAMIENTO ANTI-DESGASTE – NITRURACIÓN.

A PEDIDO DO CLIENTE EM FERRAMENTAS FABRICADAS EM 42CRM04, TECNOSTAMP PODE FAZER UM TRATAMENTO DE NITRETAÇÃO ANTI-DESGASTE.

SUR DEMANDE LES OUTILS EN 42CRM04 PEUVENT SUBIR UN TRAITEMENT ANTI-USURE EN NITRURATION.

AUF ANFRAGE AUF DEM WERKZEUG IN 42CRM04 TECNOSTAMP KANN EINE ANTIVERSCHLEISS - NITRIERBEHANDLUNG ZU MACHEN.

TRATTAMENTI ANTIRUGGINE - RUSTING TREATMENT - TRATAMIENTOS ANTI-OXIDACIÓN - TRATAMENTOS ANTI OXIDAÇÃO - TRAITEMENTS ANTIROUILLE - BEHANDLUNG GEGEN ROST

A RICHIESTA DEL CLIENTE SUGLI UTENSILI PUÒ ESSERE FATTO IL TRATTAMENTO ANTI RUGGINE DI ZINCATURA.

AN ANTI RUST-GALVANIZED TREATMENT CAN BE MADE ON TOOLS ON REQUEST.

OPCIONALMENTE, A LOS UTILLAJES SE LES PUEDE DAR UN TRATAMIENTO ANTI-ÓXIDO-GALVANIZADO.

A PEDIDO DO CLIENTE, A TECNOSTAMP PODE FAZER UM TRATAMENTO ANTIFERRUGEM ZINCADO.

SUR DEMANDE UN TRAITEMENT ANTI-ROUILLE PEUT ÊTRE RÉALISÉ EN GALVANISÉ.

AUF ANFRAGE KANN TECNOSTAMP MEINE ANTI-ROST BEHANDLUNG ANBIETEN.

TIPO DI MATERIALE - TYPE OF MATERIAL - TIPO DE MATERIAL UTILIZADO - TIPO DE MATERIAL UTILIZADO - TYPE DE MATÉRIEL - ART DES MATERIALS



ACCIAIO C45 (UNI EN 10083 W.1. : 1.1191).

STEEL C45 (UNI EN 10083 W.1. : 1.1191).

ACERO C45 (UNI EN 10083 W.1. : 1.1191).

AÇO C45 (UNI EN 10083 W.1. : 1.1191).

ACIER C45 (UNI EN 10083 W.1. : 1.1191).

STAHL C45 (UNI EN 10083 W.1. : 1.1191).



ACCIAIO C45 (UNI EN 10083 W.1. : 1.1191) TEMPRATO AD INDUZIONE (52/55 HRC) SULLE PARTI USURABILI.

STEEL C45 (UNI EN 10083 W.1. : 1.1191) INDUCTION TEMPERED (52-55 HRC) ON WEAR PARTS.

ACERO C45 (UNI EN 10083 W.1. : 1.1191) TEMPLADO A INDUCCIÓN EN ZONA DE DESGASTE (52/55 HRC).

AÇO C45 (UNI EN 10083 W.1. : 1.1191) TEMPERADO POR INDUÇÃO NAS ZONAS DE DESGASTE (52-55 HRC).

ACIER C45 (UNI EN 10083 W.1. : 1.1191) TREMPÉ PAR INDUCTION (52-55 HRC) SUR LES PARTIES TRAVAILLANTES.

STAHL C45 (UNI EN 10083 W.1. : 1.1191), VERSCHLEISSTEILE INDUKTIV AUF (52-55HRC) GEHÄRTET.



ACCIAIO C45 (UNI EN 10083 W.1. : 1.1191) BONIFICATO R=80-85 KG/MMQ TEMPRATO AD INDUZIONE (52/55 HRC) SULLE PARTI USURABILI.

STEEL C45 (UNI EN 10083 W.1. : 1.1191) HARDENED R=80-85 KG/MMQ INDUCTION TEMPERED (52-55 HRC) ON WEAR PARTS.

ACERO C45 (UNI EN 10083 W.1. : 1.1191) BONIFICADO R=80-85 KG/MMQ TEMPLADO A INDUCCIÓN EN ZONA DE DESGASTE (52/55 HRC).

AÇO C45 (UNI EN 10083 W.1. : 1.1191) BONIFICADO R=80-85 KG/MMQ TEMPERADO POR INDUÇÃO NAS ZONAS DE DESGASTE (52-55 HRC).

ACIER C45 (UNI EN 10083 W.1. : 1.1191) RESISTANCE R = 80-85 KG/MMQ ET TREMPÉ PAR INDUCTION (52-55 HRC) SUR LES PARTIES TRAVAILLANTES.

STAHL C45 (UNI EN 10083 W.1. : 1.1191) VERGÜTET R=80-85 KG/MM2 AN DEN ABNUTZUNGSKANTEN INDUKTIV GEHÄRTET AUF (52/55 HRC).



ACCIAIO 42CRM04 (UNI EN 10083 W.1. : 1.7225) BONIFICATO R=95-105 KG/MMQ TEMPRATO AD INDUZIONE (52/55 HRC) SULLE PARTI USURABILI.

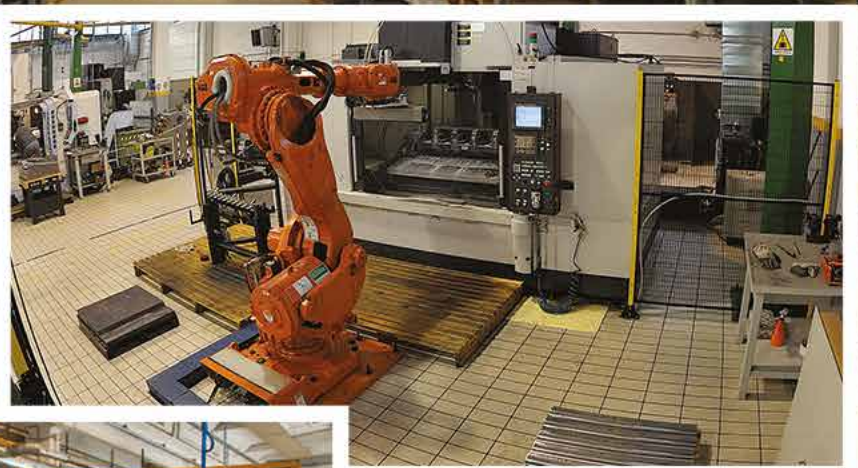
STEEL 42 CRM04 (UNI EN 10083 W.1. : 1.7225) HARDENED R=95-105 KG/MMQ INDUCTION TEMPERED (52-55 HRC) ON WEAR PART.

ACERO 42CRM04 (UNI EN 10083 W.1. : 1.7225) BONIFICADO R=95-105 KG/MMQ TEMPLADO A INDUCCIÓN EN ZONA DE DESGASTE (52/55 HRC).

AÇO 42 CRM04 (UNI EN 10083 W.1. : 1.7225) BONIFICADO R=95-105 KG/MMQ TEMPERADO POR INDUÇÃO NAS ZONAS DE DESGASTE (52-55 HRC).

ACIER 42 CRM04 (UNI EN 10083 W.1. : 1.7225) RESISTANCE R=95-105 KG/MMQ ET TREMPÉ PAR INDUCTION (52-55 HRC) SUR LES PARTIES TRAVAILLANTES.

STAHL 42 CRM04 (UNI EN 10083 W.1. : 1.7225) VERGÜTET R=95-105 KG/MM2 AN DEN ABNUTZUNGSKANTEN INDUKTIV GEHÄRTET AUF (52/55 HRC).



PUNZONI PUNCHES



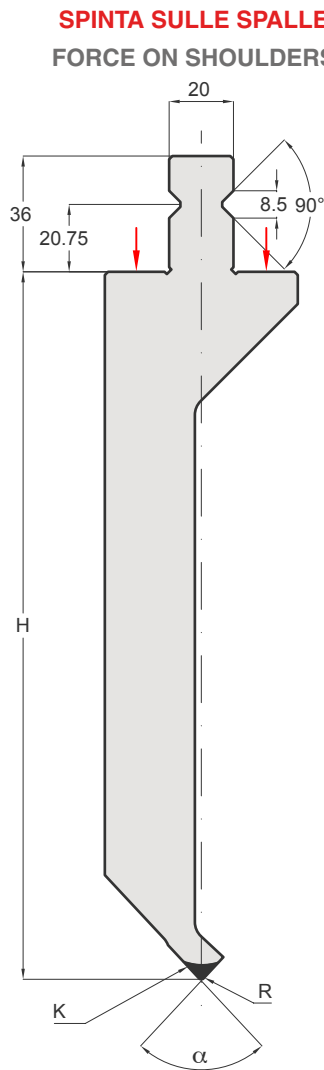
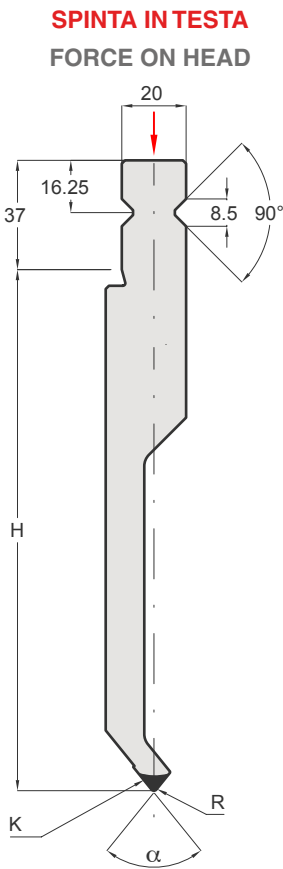
BLUE LINE

TRUMPF STYLE

PUNZONI - PUNCHES - PUNZONES
PUNÇÕES - POINÇONS - OBERWERKZEUGE

PUNZONI - PUNCHES

I PUNZONI STANDARD SONO DISPONIBILI A MAGAZZINO NELLE LUNGHEZZE DI: 100/200/300 mm - 500 mm E FRAZIONATI (550 mm)
STANDARD PUNCHES ARE AVAILABLE ON STOCK IN THE FOLLOWING STANDARD LENGTHS: 100/200/300 mm - 500 mm AND SECTIONED (550 mm)
LOS PUNZONES ESTÁN DISPONIBLES EN STOCK Y EN LONGITUDES DE: 100/200/300 mm - 500 mm Y FRACCIONADOS (550 mm)
OS PUNÇÕES ESTÃO DISPONÍVEIS EM STOCK/ESTOQUE E EM COMPRIMENTOS DE: 100/200/300 mm - 500 mm E FRACIONADOS (550 mm)
LES POINÇONS STANDARD SONT DISPONIBLES EN LONGUEURS: 100/200/300 mm - 500 ET FRACTIONNÉS (550 mm)
STANDARD-OBERWERKZEUGE SIND IN DEN FOLGENDEN LÄNGEN AB LAGER ERHÄLTICH: 100/200/300 mm - 500 mm UND SEKTIONIERT LÄNGE (550 mm)



LEGENDA	LEGEND	LEYENDA	LEGENDA	LÉGENDE	LEGENDE
H = ALTEZZA	HEIGHT	ALTURA	ALTURA	HAUTEUR	STEMPELHÖHE
α = ANGOLO	ANGLE	ÁNGULO	ÁNGULO	ANGLE	WINKEL
R = RAGGIO	RADIUS	RADIO	RAIO	RAYON	RADIUS
K = PARTI USURABILI	WEAR PARTS	ZONDA DE DESGASTE	ZONAS DE DESGASTE	ZONES D'USURE	VERSCHLEISSTEILE



LUNGHEZZE - LENGHTS 100 mm / 200 mm / 300 mm / 500 mm / 550mm FRAZ. - SEC.

NON DISPONIBILE CON CODICE 15.790 E 15.800 - NOT AVAILABLE WITH CODE 15.790 AND 15.800 - NO ESTÁ DISPONIBLE CON 15.790 Y 15.800

NÃO DISPONÍVEL NOS CÓDIGOS 15.790 E 15.800 - NON DISPONIBLE POUR RÉF. 15.790 ET 15.800 - NICHT ERHÄLTICH MIT NR. 15.790 UND 15.800

100 mm



200 mm



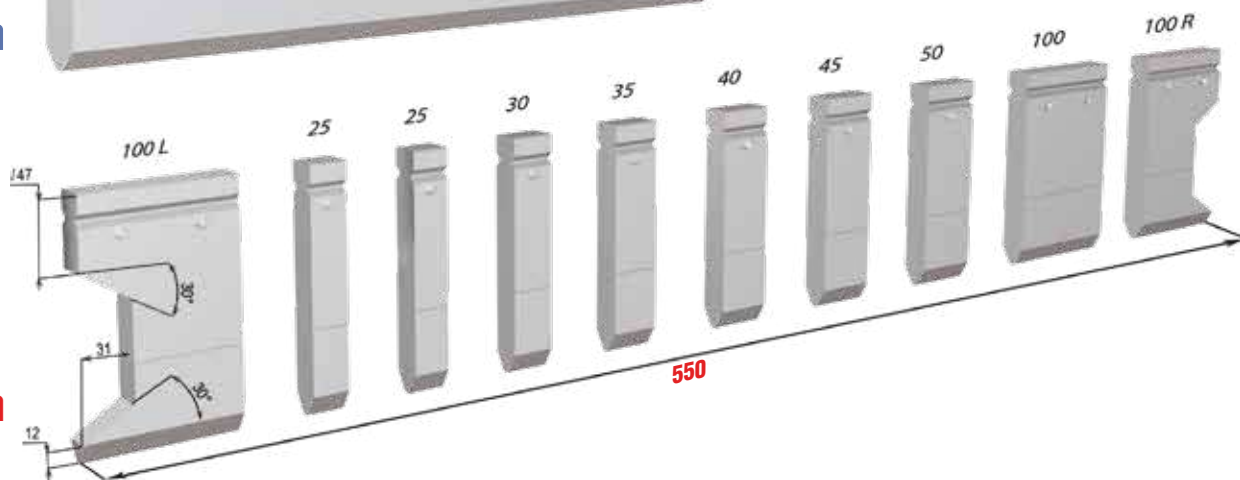
300 mm



500 mm



550 mm



IL CARICO MASSIMO DELLE SCARPETTE CORRISPONDE AL 30% DEL CARICO MASSIMO INDICATO SUL PUNZONE.

THE FMAX OF THE HORN EXTENSIONS IS 30% OF THE FMAX OF THE PUNCH.

LA CARGA MÁXIMA EN LA BIGORNIAS, ES EL 30% DEL TONELAJE MÁXIMO INDICADO EN LOS PUNZONES.

A CARGA MÁXIMA NAS BIGORNAS É DE 30% DA TONELAGEM TOTAL MÁXIMA INDICADA PARA O PUNÇÃO.

LA FMAX DES BIGORNES REPRÉSENTE 30% DE LA FMAX DU POINÇON.

DIE FMAX DER HORNSTÜCKE BETRÄGT 30% DER FMAX DES STEMPELS

LENGTH	100	200	300	500
SECTION	550			

MONTAGGIO/SMONTAGGIO LATERALE DEGLI UTENSILI - SIDE INSTALLATION/DISINSTALLATION OF TOOLS

MONTAGGIO E SMONTAGGIO LATERALE DEGLI UTENSILI - SIDE INSTALLATION/DISINSTALLATION OF TOOLS - MONTAJE Y DESMONTAJE DE LADO HERRAMIENTA
MONTAGEM E DESMONTAGEM LATERAL DAS FERRAMENTAS - MONTAGE ET DÉMONTAGE LATÉRAL DES OUTILS - SEITLICHER AUS-UND EINBAU DER WERKZEUGE



SPINTA IN TESTA

PRESSURE SURFACE ON THE HEAD

FUERZA EN CENTRO

FORÇA NO CENTRO

POINT DE POUSSÉE SUR LA TÊTE

KOPFTRAGEND



SPINTA SULLE SPALLE

PRESSURE SURFACE

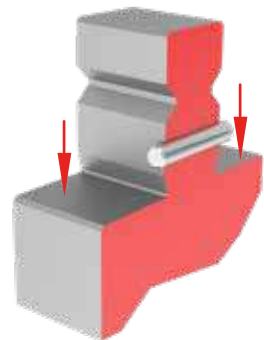
ON THE SHOULDERS

FUERZA EN LATERALES

FORÇA NOS OMBROS

POINT DE POUSSÉE LATÉRAL

SCHULTERTARGEND



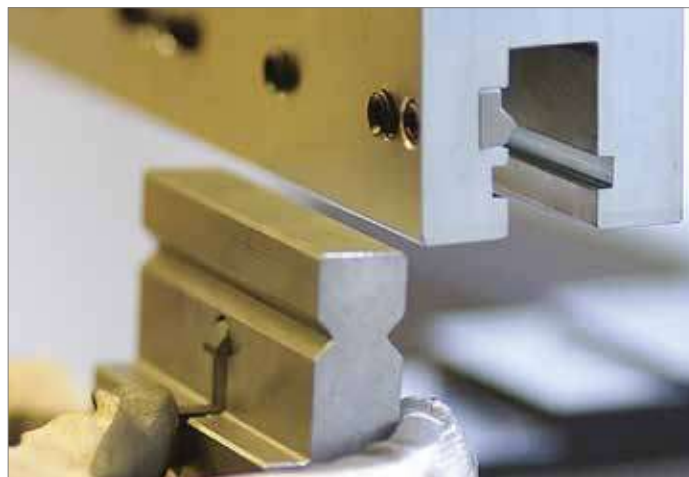
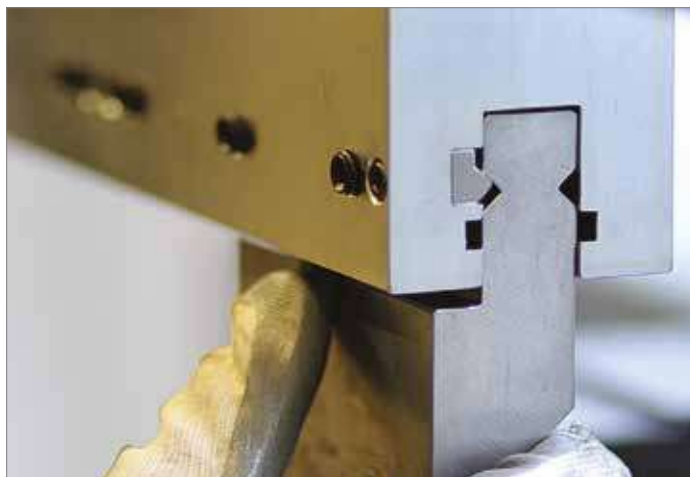
PARTI DI RICAMBIO - SPARE PARTS - RECAMBIOS - PEÇAS DE SUBSTITUIÇÃO - PIÈCES DE RECHANGE - ERSATZTEILE

70.130



MONTAGGIO/SMONTAGGIO LATERALE DEGLI UTENSILI - SIDE INSTALLATION/DISINSTALLATION OF TOOLS

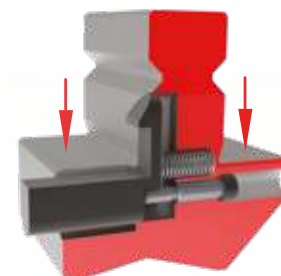
MONTAGGIO E SMONTAGGIO FRONTALE DEGLI UTENSILI - FRONT INSTALLATION/DISINSTALLATION OF TOOLS - EL MONTAJE Y DESMONTAJE EL FRENTE DE HERRAMIENTAS
MONTAGEM E DESMONTAGEM FRONTAL DAS FERRAMENTAS - MONTAGE ET DÉMONTAGE FRONTAL DES OUTILS - EIN-UND AUSBAU DER WERKZEUGE NACH VORNE



SPINTA IN TESTA
PRESSURE SURFACE ON THE HEAD
FUERZA EN CENTRO
FORÇA NO CENTRO
POINT DE POUSSÉE SUR LA TÊTE
KOPFTRAGEND



SPINTA SULLE SPALLE
PRESSURE SURFACE ON THE SHOULDERS
FUERZA EN LATERALES
FORÇA NOS OMBROS
POINT DE POUSSÉE LATÉRAL
SCHULTERTARGEND



**SOLO PER STAMPI FINO A 12,5 KG - ONLY FOR TOOLS 12,5 KG - PARA HERRAMIENTAS DE HASTA 12,5 KG
APENAS PARA FERRAMENTA ATÉ 12,5 KG - POUR OUTILS NE DEPASSANT PAS 12,5 KG - FÜR WERKZEUGE BIS 12,5 KG GEWICHT**

70.714



ONLY FOR TOOLS
15.010 15.310 15.610

70.715



ONLY FOR TOOLS
15.320 15.620

70.716



ONLY FOR TOOLS
15.330 15.335 15.630
15.635 15.755 15.902
15.904 15.905

70.717



ONLY FOR TOOLS
15.450 15.710 15.720
15.730 15.750 15.760

70.718



ONLY FOR TOOLS
15.370 15.480 15.670
15.680

70.719

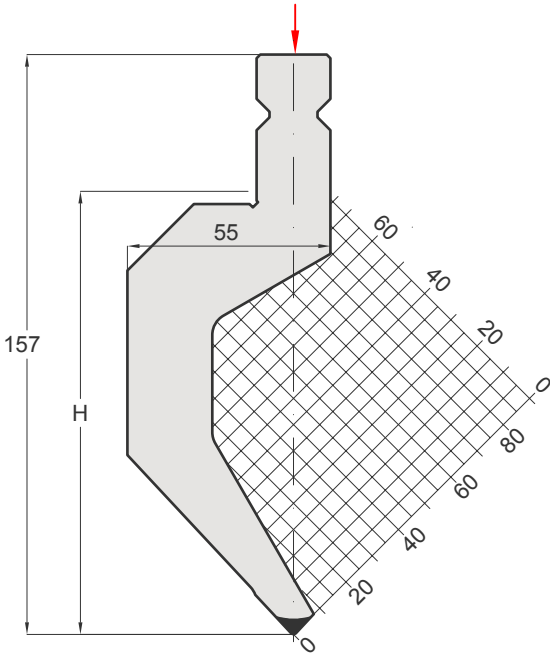


ONLY FOR TOOLS
15.380 15.700 15.800



CODE	α	R	H	T/Mt	Mt
15.370	86°	1.00	120.00	80	

86°



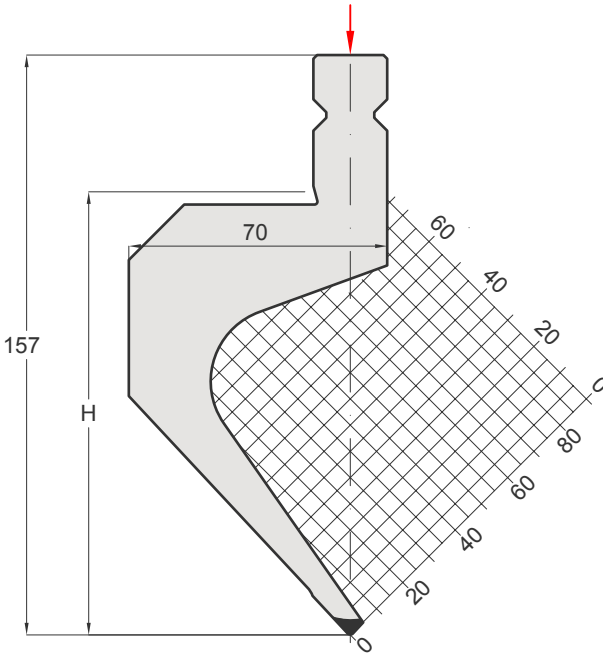
SPINE / SAFETY PIN		
CODE	L=(mm)	KG
15.370C	100	2,9
15.370D	200	5,8
15.370T	300	8,7
15.370S	500	14,5
15.370F	550F	15,9

PULSANTE / SAFETY CLICK		
CODE	L=(mm)	KG
15.370CX	100	2,9
15.370DX	200	5,8
15.370TX	300	8,7
15.370FX	550F	15,9

LENGTH	100	200	300	500
SECTION	550			

CODE	α	R	H	T/Mt	Mt
15.380	86°	1.00	120.00	25	

86°



SPINE / SAFETY PIN		
CODE	L=(mm)	KG
15.380C	100	3,1
15.380D	200	6,2
15.380T	300	9,3
15.380S	500	15,4
15.380F	550F	17

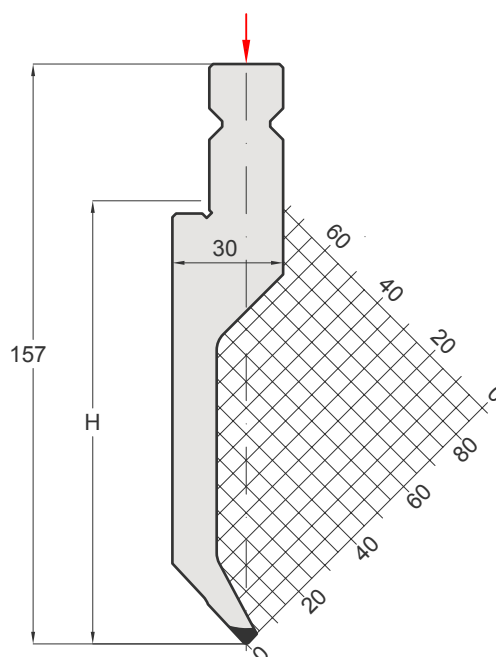
PULSANTE / SAFETY CLICK		
CODE	L=(mm)	KG
15.380CX	100	3,1
15.380DX	200	6,2
15.380TX	300	9,3
15.380FX	550F	17

LENGTH	100	200	300	500
SECTION	550			

CODE	α	R	H	T/Mt	Mt
15.335	86°	1.00	120.00	30	

SPINE / SAFETY PIN		
CODE	L=(mm)	KG
15.335C	100	2,0
15.335D	200	4,0
15.335T	300	6,0
15.335S	500	10,0
15.335F	550F	11,0

PULSANTE / SAFETY CLICK		
CODE	L=(mm)	KG
15.335CX	100	2,0
15.335DX	200	4,0
15.335TX	300	6,0
15.335SX	500	10,0
15.335FX	550F	11,0

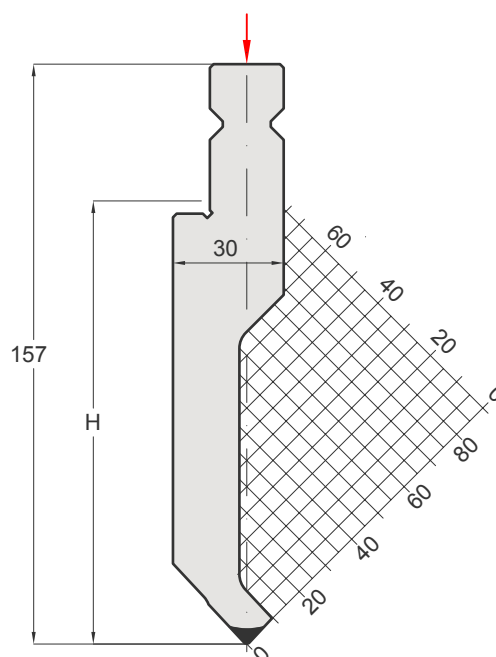


LENGTH	100	200	300	500
SECTION	550			

CODE	α	R	H	T/Mt	Mt
15.330	86°	1.00	120.00	80	

SPINE / SAFETY PIN		
CODE	L=(mm)	KG
15.330C	100	2,4
15.330D	200	4,8
15.330T	300	7,2
15.330S	500	12
15.330F	550F	13,2

PULSANTE / SAFETY CLICK		
CODE	L=(mm)	KG
15.330CX	100	2,4
15.330DX	200	4,8
15.330TX	300	7,2
15.330SX	500	12
15.330FX	550F	13,2

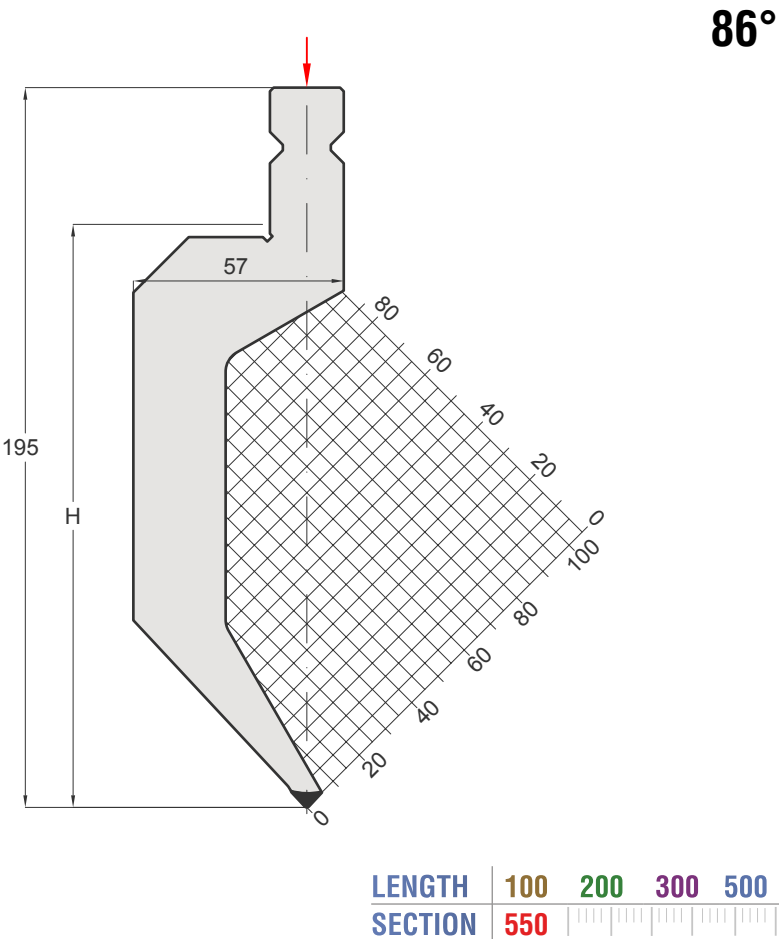


LENGTH	100	200	300	500
SECTION	550			

CODE	α	R	H	T/Mt	Mt
15.670	86°	0.80	158.00	40	

SPINE / SAFETY PIN		
CODE	L=(mm)	KG
15.670C	100	3,8
15.670D	200	7,6
15.670T	300	11,4
15.670S	500	19
15.670F	550F	20,9

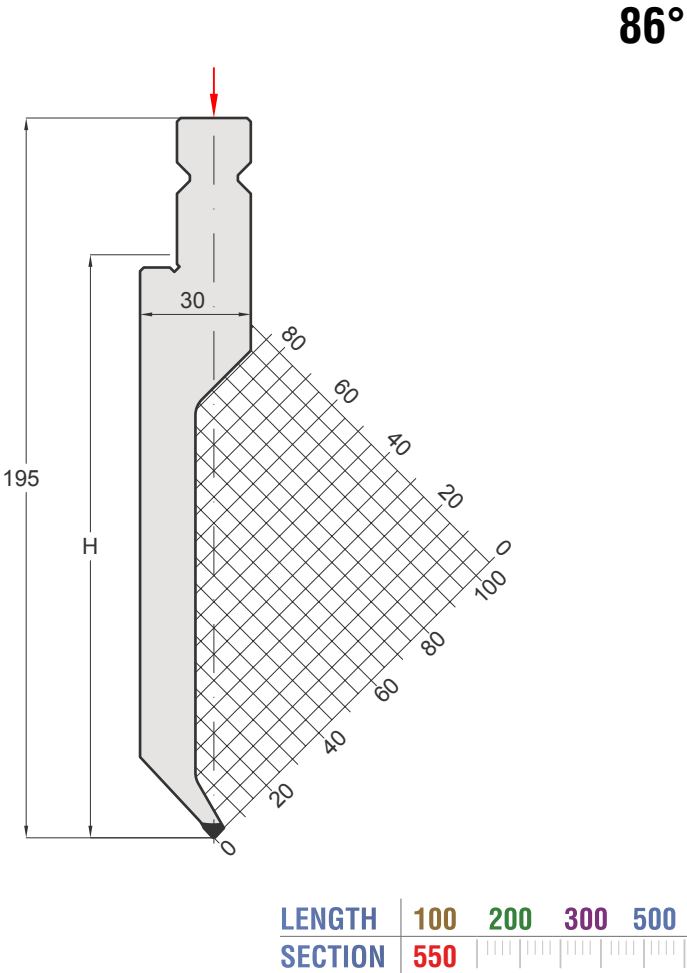
PULSANTE / SAFETY CLICK		
CODE	L=(mm)	KG
15.670CX	100	3,8
15.670DX	200	7,6
15.670TX	300	11,4
15.670FX	550F	20,9



CODE	α	R	H	T/Mt	Mt
15.635	86°	0.60	158.00	30	

SPINE / SAFETY PIN		
CODE	L=(mm)	KG
15.635C	100	2,7
15.635D	200	5,4
15.635T	300	8,1
15.635S	500	13,5
15.635F	550F	14,8

PULSANTE / SAFETY CLICK		
CODE	L=(mm)	KG
15.635CX	100	2,7
15.635DX	200	5,4
15.635TX	300	8,1
15.635FX	550F	14,8

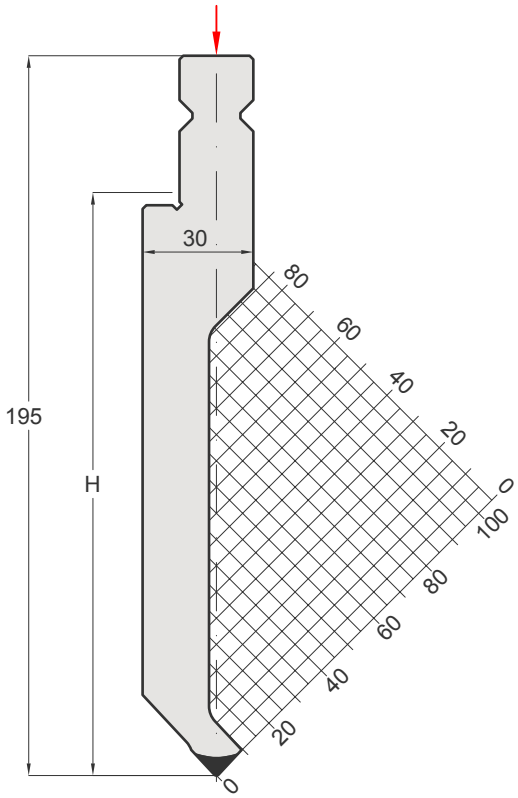


CODE	α	R	H	T/Mt	Mt
15.630	86°	0.80	158.00	80	

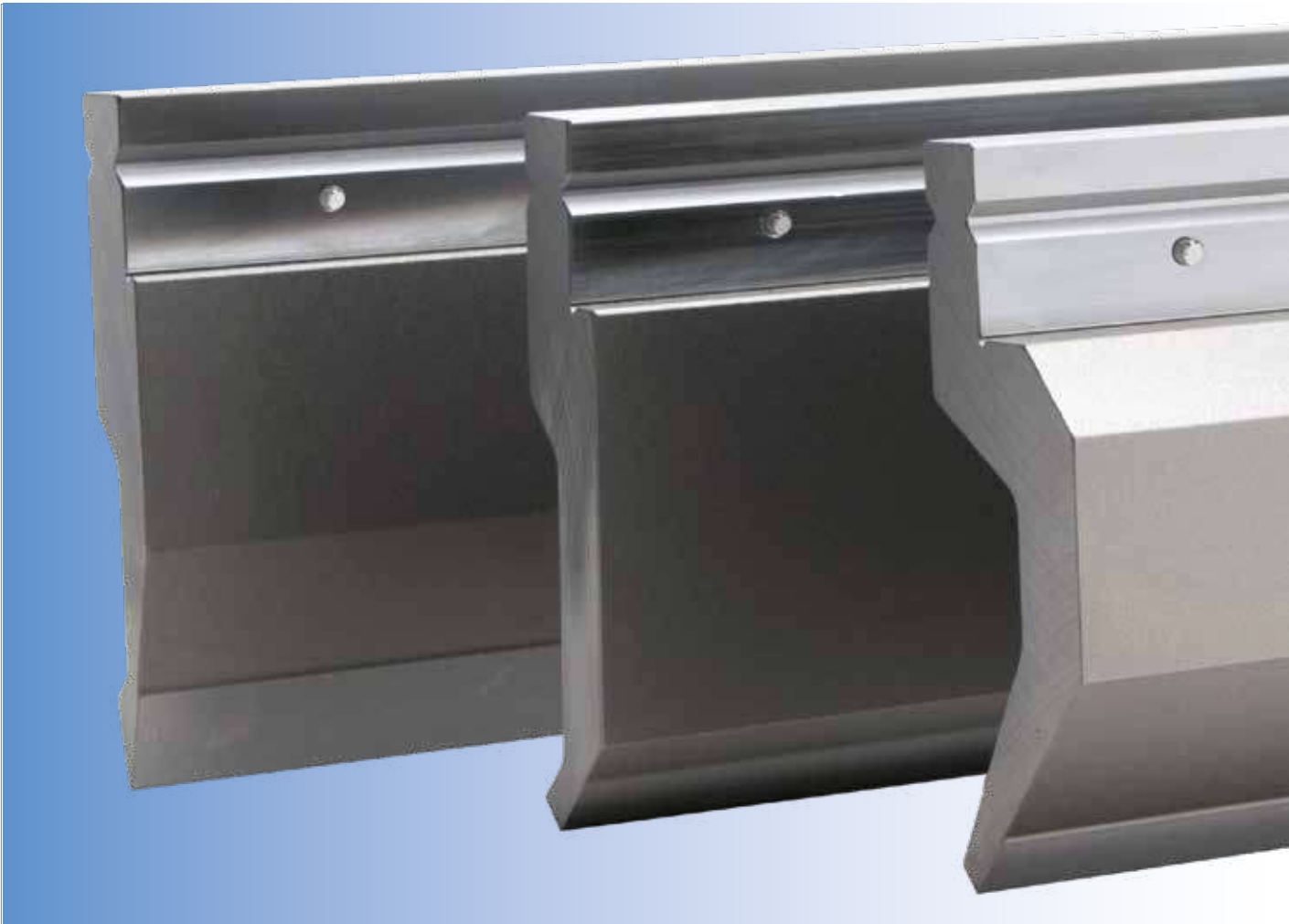
86°

SPINE / SAFETY PIN		
CODE	L=(mm)	KG
15.630C	100	3
15.630D	200	6
15.630T	300	9
15.630S	500	15
15.630F	550F	16,5

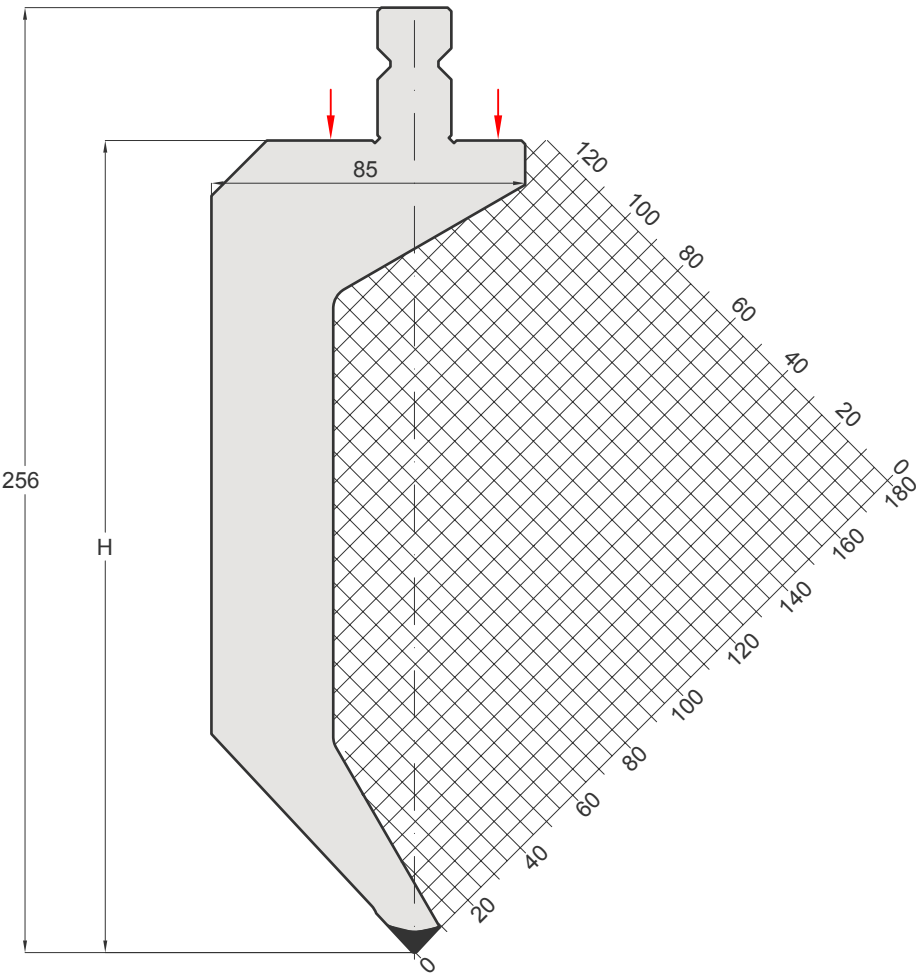
PULSANTE / SAFETY CLICK		
CODE	L=(mm)	KG
15.630CX	100	3
15.630DX	200	6
15.630TX	300	9
15.630FX	550F	16,5



LENGTH	100	200	300	500
SECTION	550			



CODE	α	R	H	T/Mt	Mt
15.700	86°	1.00	220.00	80	

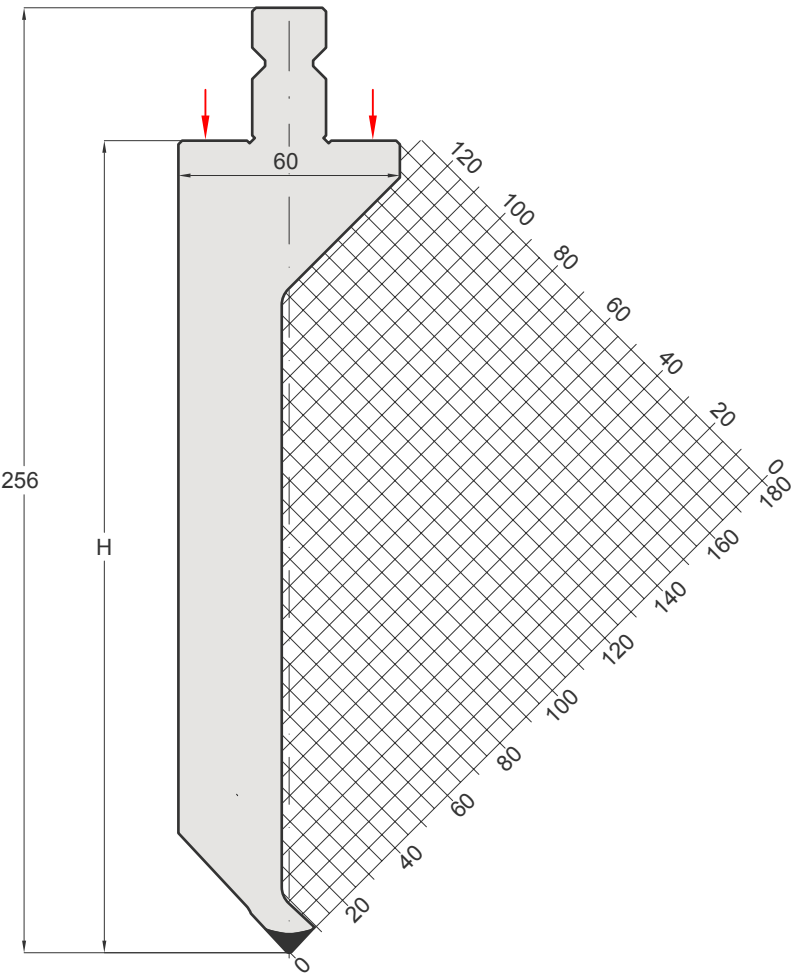


SPINE / SAFETY PIN		
CODE	L=(mm)	KG
15.700C	100	6,7
15.700D	200	13,4
15.700T	300	20,1
15.700S	500	33,5
15.700F	550F	36,8

PULSANTE / SAFETY CLICK		
CODE	L=(mm)	KG
15.700CX	100	6,7
15.700FX	550F	36,8

LENGTH	100	200	300	500
SECTION	550			

CODE	α	R	H	T/Mt	Mt
15.710	86°	1.00	220.00	80	

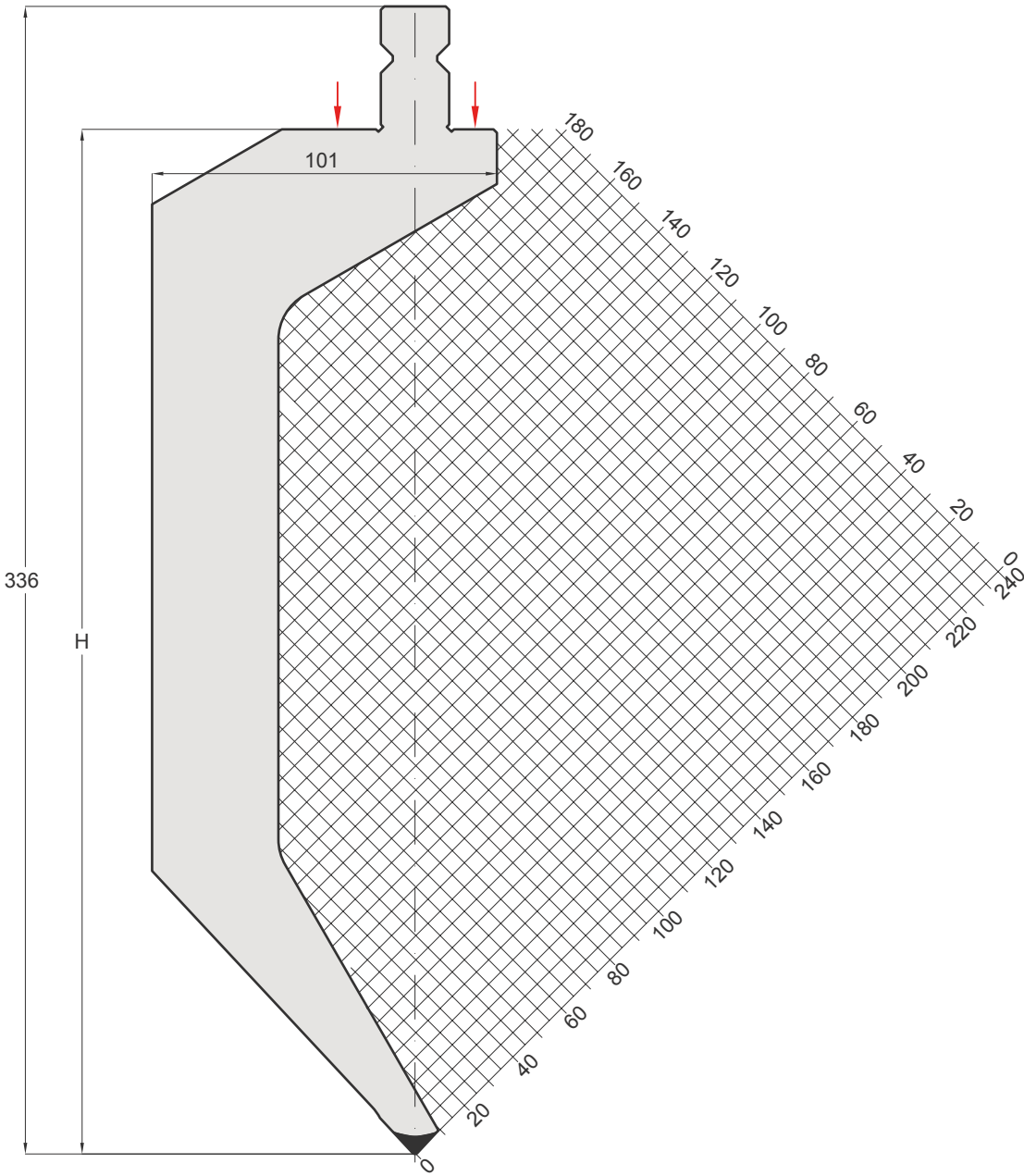


SPINE / SAFETY PIN		
CODE	L=(mm)	KG
15.710C	100	5,7
15.710D	200	11,4
15.710T	300	17,1
15.710S	500	28,5
15.710F	550F	31,3

PULSANTE / SAFETY CLICK		
CODE	L=(mm)	KG
15.710CX	100	5,7
15.710DX	200	11,4
15.710FX	550F	31,3

LENGTH	100	200	300	500
SECTION	550			

CODE	α	R	H	T/Mt	Mt
15.800	86°	1.00	300.00	80	

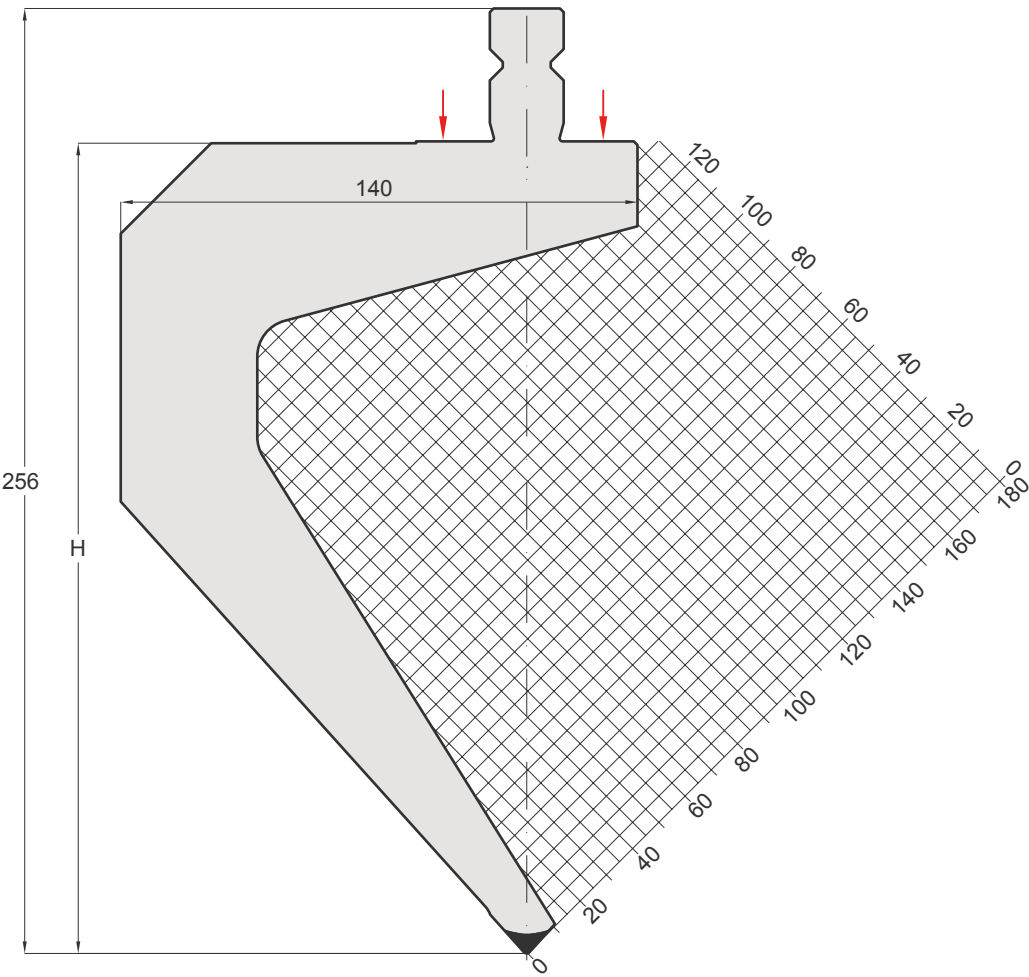


SPINE / SAFETY PIN		
CODE	L=(mm)	KG
15.800C	100	8,7
15.800D	200	17,4
15.800T	300	26,1
15.800F	550F	47,8

PULSANTE / SAFETY CLICK		
CODE	L=(mm)	KG
15.800CX	100	8,7
15.800FX	550F	47,8

LENGTH	100	200	300	500
SECTION	550			

CODE	α	R	H	T/Mt	Mt
15.790	84°	1.00	220.00	60	

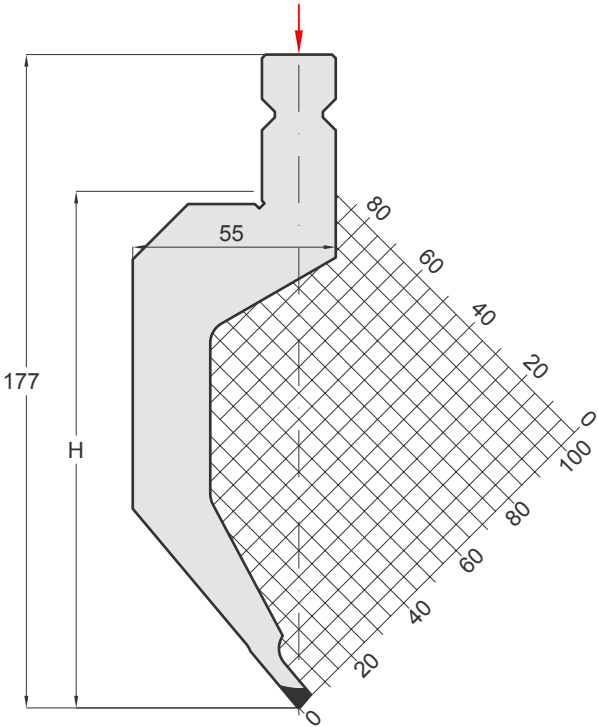


SPINE / SAFETY PIN		
CODE	L=(mm)	KG
15.790C	100	8,8
15.790D	200	17,6
15.790T	300	26,4
15.790F	550F	48,4

LENGTH	100	200	300	500
SECTION	550			

CODE	α	R	H	T/Mt	Mt
15.480	80°	0.50	140.00	40	

80°



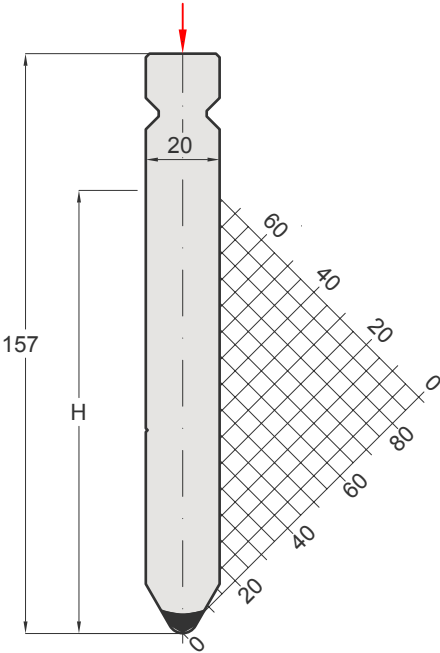
SPINE / SAFETY PIN		
CODE	L=(mm)	KG
15.480C	100	3,1
15.480D	200	6,2
15.480T	300	9,3
15.480S	500	15,3
15.480F	550F	16,8

PULSANTE / SAFETY CLICK		
CODE	L=(mm)	KG
15.480CX	100	3,1
15.480DX	200	6,2
15.480TX	300	9,3
15.480FX	550F	16,8

LENGTH	100	200	300	500
SECTION	550			

CODE	α	R	H	T/Mt	Mt
15.310	60°	4.00	120.00	130	

60°



SPINE / SAFETY PIN		
CODE	L=(mm)	KG
15.310C	100	2,4
15.310D	200	4,8
15.310T	300	7,2
15.310S	500	12
15.310F	550F	13,2

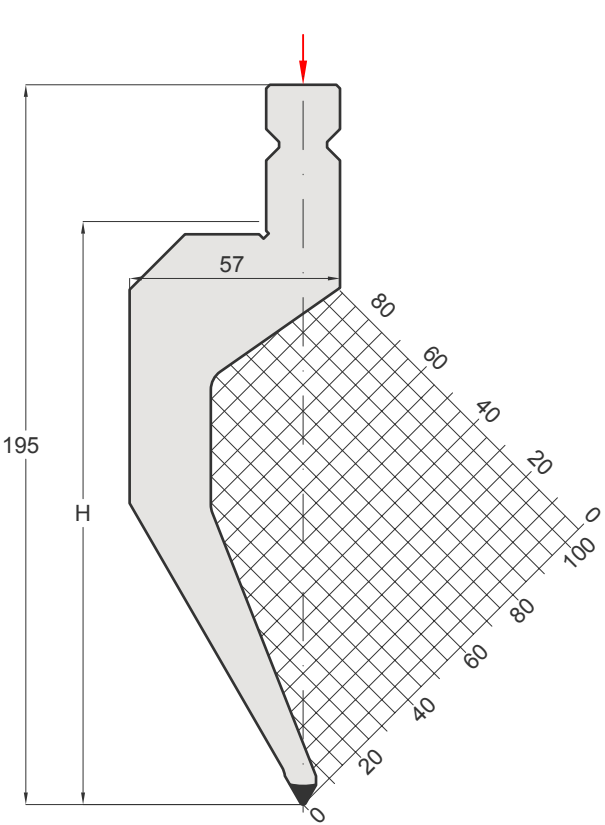
PULSANTE / SAFETY CLICK		
CODE	L=(mm)	KG
15.310CX	100	2,4
15.310DX	200	4,8
15.310TX	300	7,2
15.310SX	500	12
15.310FX	550F	13,2

LENGTH	100	200	300	500
SECTION	550			

CODE	α	R	H	T/Mt	Mt
15.680	60°	0.80	158.00	40	

SPINE / SAFETY PIN		
CODE	L=(mm)	KG
15.680C	100	3,5
15.680D	200	7
15.680T	300	10,5
15.680S	500	17,5
15.680F	550F	19,2

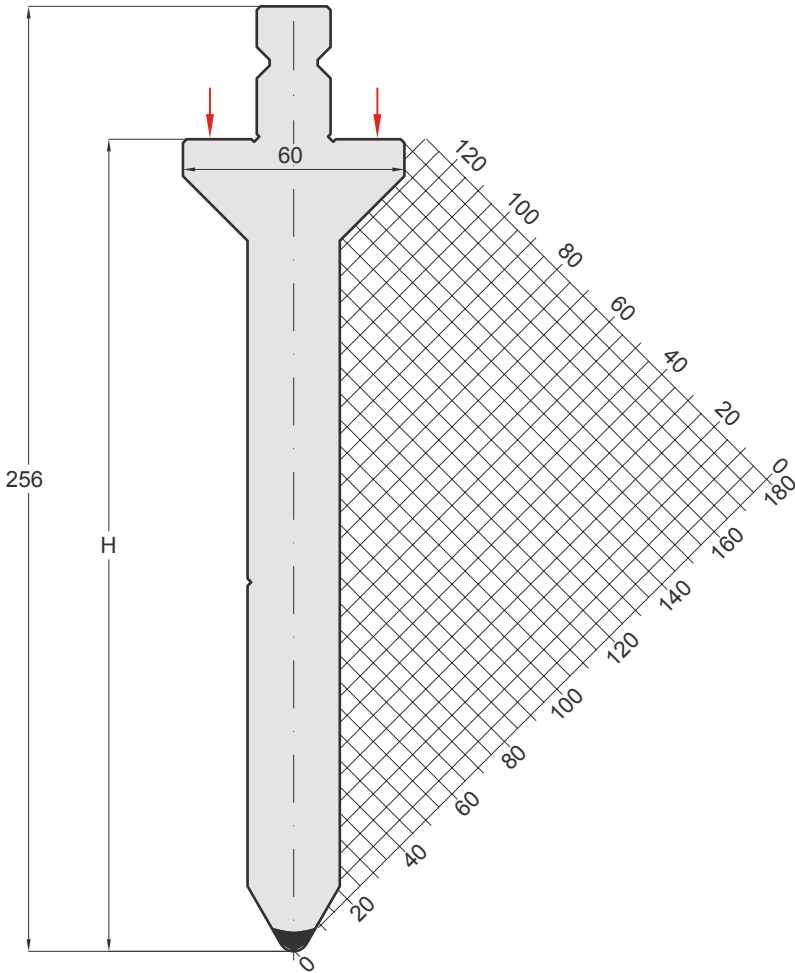
PULSANTE / SAFETY CLICK		
CODE	L=(mm)	KG
15.680CX	100	3,5
15.680DX	200	7
15.680TX	300	10,5
15.680FX	550F	19,2



LENGTH	100	200	300	500
SECTION	550			



CODE	α	R	H	T/Mt	Mt
15.730	60°	4.00	220.00	130	



SPINE / SAFETY PIN		
CODE	L=(mm)	KG
15.730C	100	5,2
15.730D	200	10,4
15.730T	300	15,6
15.730S	500	26
15.730F	550F	28,6

PULSANTE / SAFETY CLICK		
CODE	L=(mm)	KG
15.730CX	100	5,2
15.730DX	200	10,4
15.730FX	550F	28,6

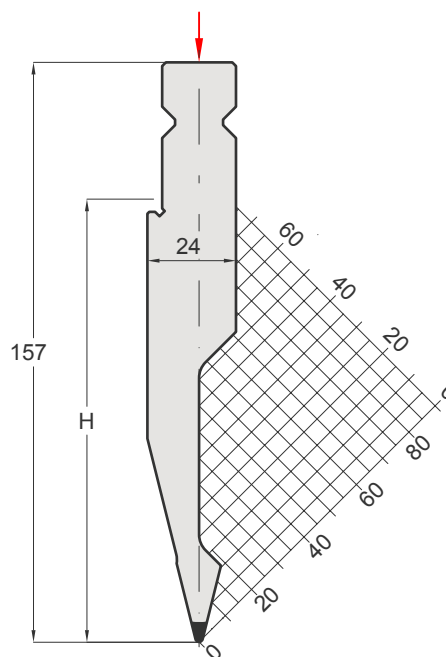
LENGTH	100	200	300	500
SECTION	550			

28°

CODE	α	R	H	T/Mt	Mt
15.320	28°	1.00	120.00	80	

SPINE / SAFETY PIN		
CODE	L=(mm)	KG
15.320C	100	2
15.320D	200	4
15.320T	300	6
15.320S	500	10
15.320F	550F	11

PULSANTE / SAFETY CLICK		
CODE	L=(mm)	KG
15.320CX	100	2
15.320DX	200	4
15.320TX	300	6
15.320SX	500	10
15.320FX	550F	11



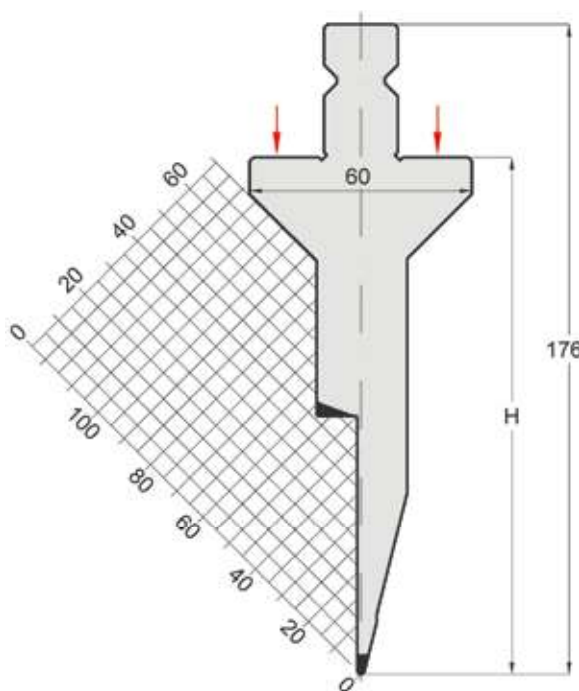
LENGTH	100	200	300	500
SECTION	550			

CODE	α	R	H	T/Mt	Mt
15.450	28°	1.00	140.00	40	

28°

SPINE / SAFETY PIN		
CODE	L=(mm)	KG
15.450C	100	2,9
15.450D	200	5,8
15.450T	300	8,7
15.450S	500	14,5
15.450F	550F	15,9

PULSANTE / SAFETY CLICK		
CODE	L=(mm)	KG
15.450CX	100	2,9
15.450DX	200	5,8
15.450TX	300	8,7
15.450FX	550F	15,9

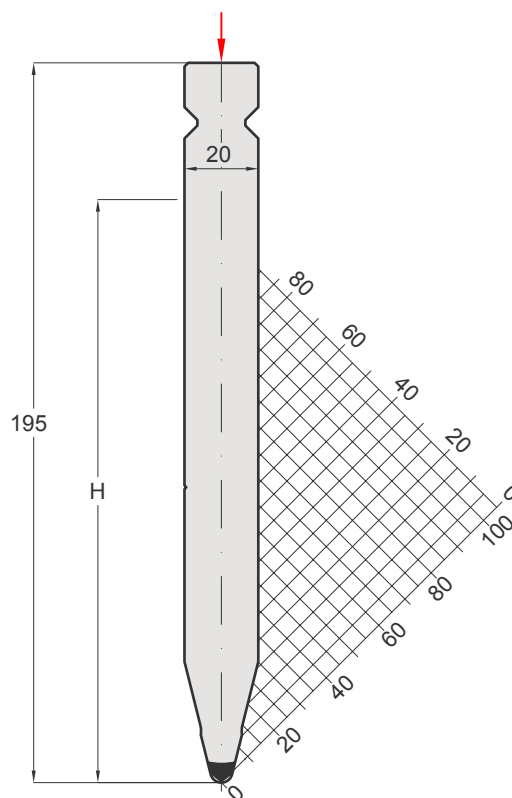


LENGTH	100	200	300	500
SECTION	550			

CODE	α	R	H	T/Mt	Mt
15.610	28°	3.00	158.00	100	

SPINE / SAFETY PIN		
CODE	L=(mm)	KG
15.610C	100	2,8
15.610D	200	5,6
15.610T	300	8,4
15.610S	500	14
15.610F	550F	15,4

PULSANTE / SAFETY CLICK		
CODE	L=(mm)	KG
15.610CX	100	2,8
15.610DX	200	5,6
15.610TX	300	8,4
15.610FX	550F	15,4



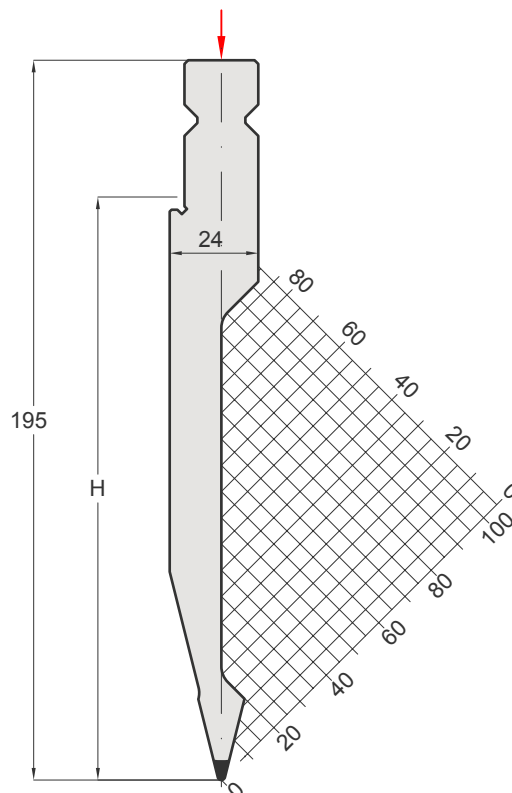
LENGTH | 100 200 300 500
SECTION | 550

28°

CODE	α	R	H	T/Mt	Mt
15.620	28°	1.00	158.00	80	

SPINE / SAFETY PIN		
CODE	L=(mm)	KG
15.620C	100	2,3
15.620D	200	4,6
15.620T	300	6,9
15.620S	500	11,5
15.620F	550F	12,6

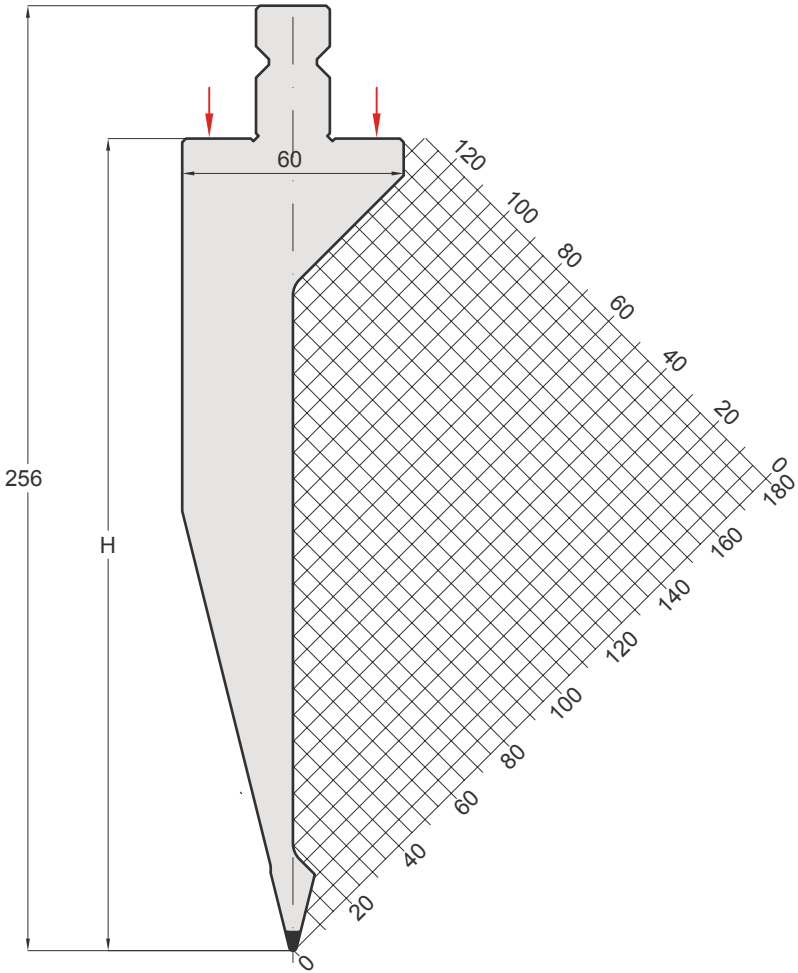
PULSANTE / SAFETY CLICK		
CODE	L=(mm)	KG
15.620CX	100	2,3
15.620DX	200	4,6
15.620TX	300	6,9
15.620SX	500	11,5
15.620FX	550F	12,6



LENGTH | 100 200 300 500
SECTION | 550

28°

CODE	α	R	H	T/Mt	Mt
15.720	28°	1.00	220.00	80	

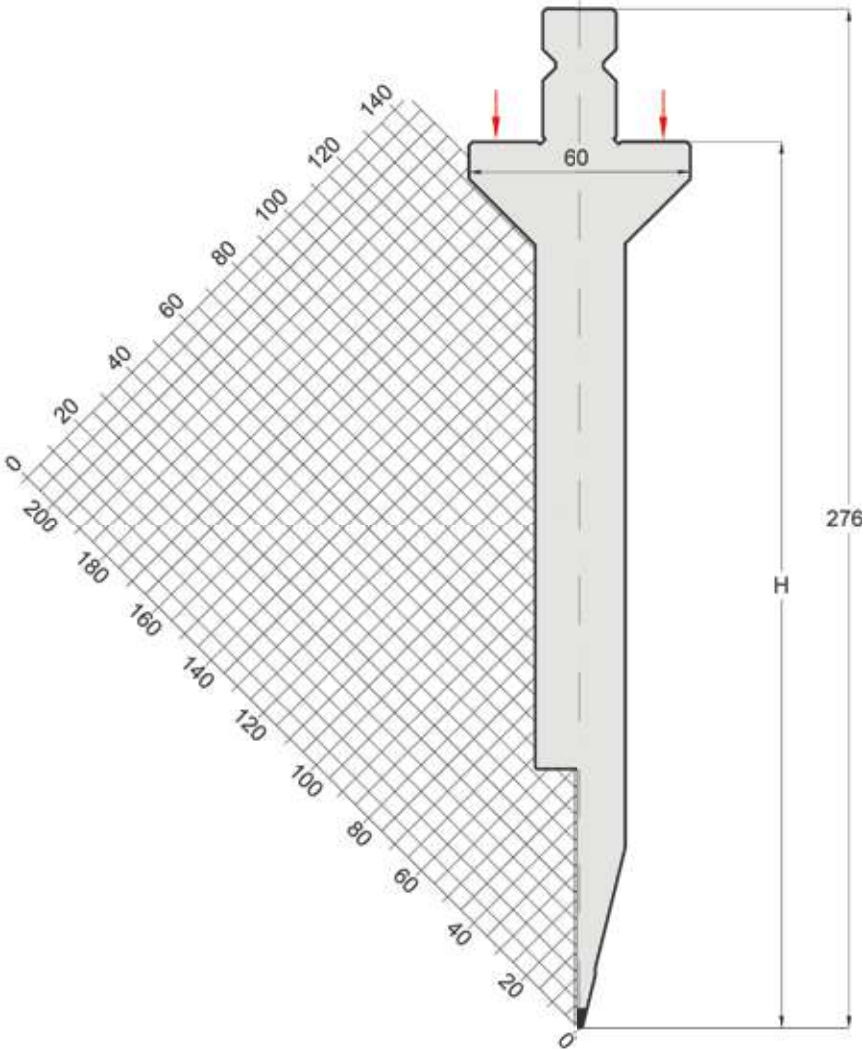


SPINE / SAFETY PIN		
CODE	L=(mm)	KG
15.720C	100	5
15.720D	200	10
15.720T	300	15
15.720S	500	25
15.720F	550F	27,5

PULSANTE / SAFETY CLICK		
CODE	L=(mm)	KG
15.720CX	100	5
15.720DX	200	10
15.720FX	550F	27,5

LENGTH	100	200	300	500
SECTION	550			

CODE	α	R	H	T/Mt	Mt
15.750	28°	1.00	240.00	40	

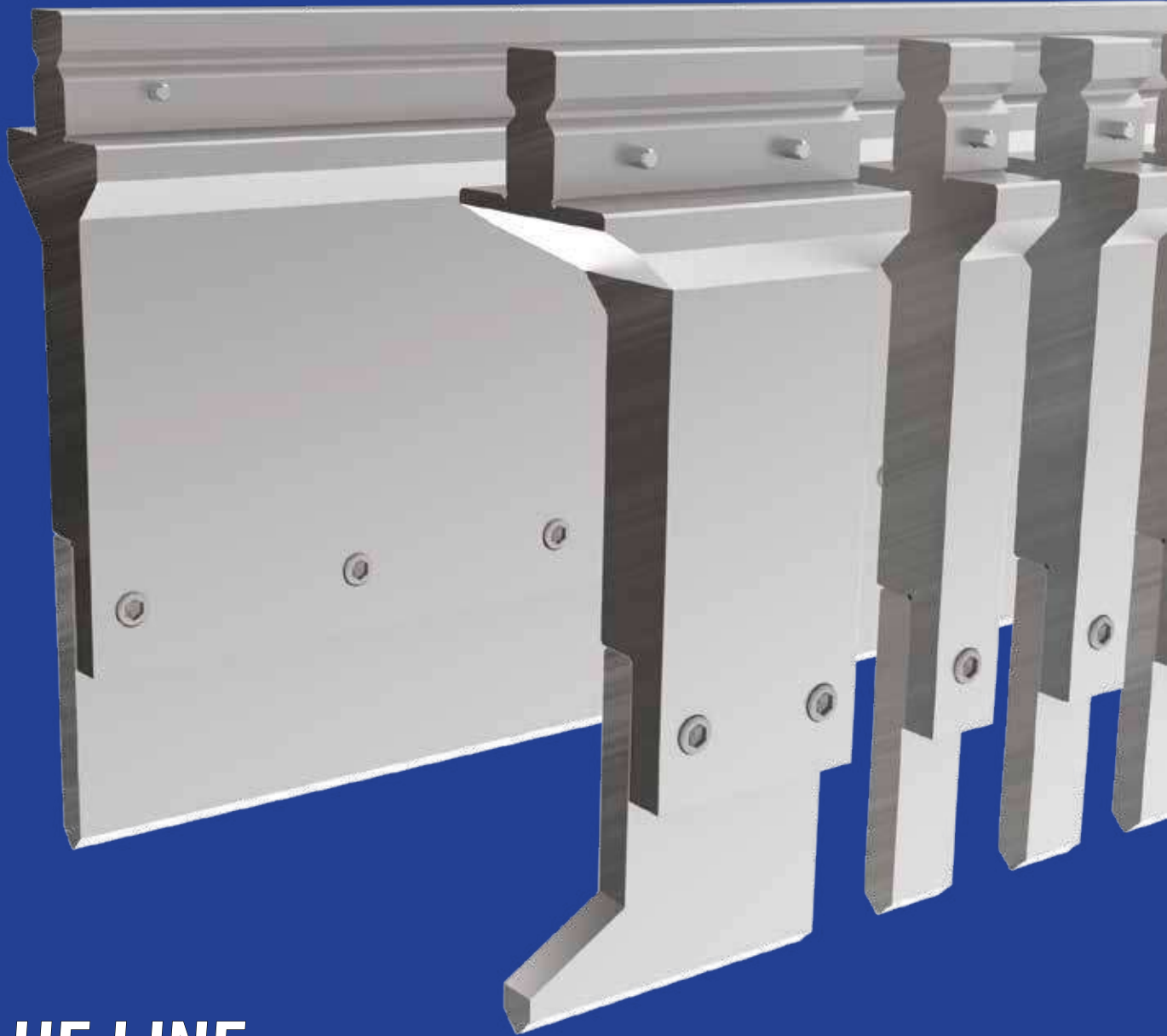


SPINE / SAFETY PIN		
CODE	L=(mm)	KG
15.750C	100	4,8
15.750D	200	9,6
15.750T	300	14,4
15.750S	500	24
15.750F	550F	26,4

PULSANTE / SAFETY CLICK		
CODE	L=(mm)	KG
15.750CX	100	4,8
15.750DX	200	9,6
15.750FX	550F	26,4

LENGTH	100	200	300	500
SECTION	550			

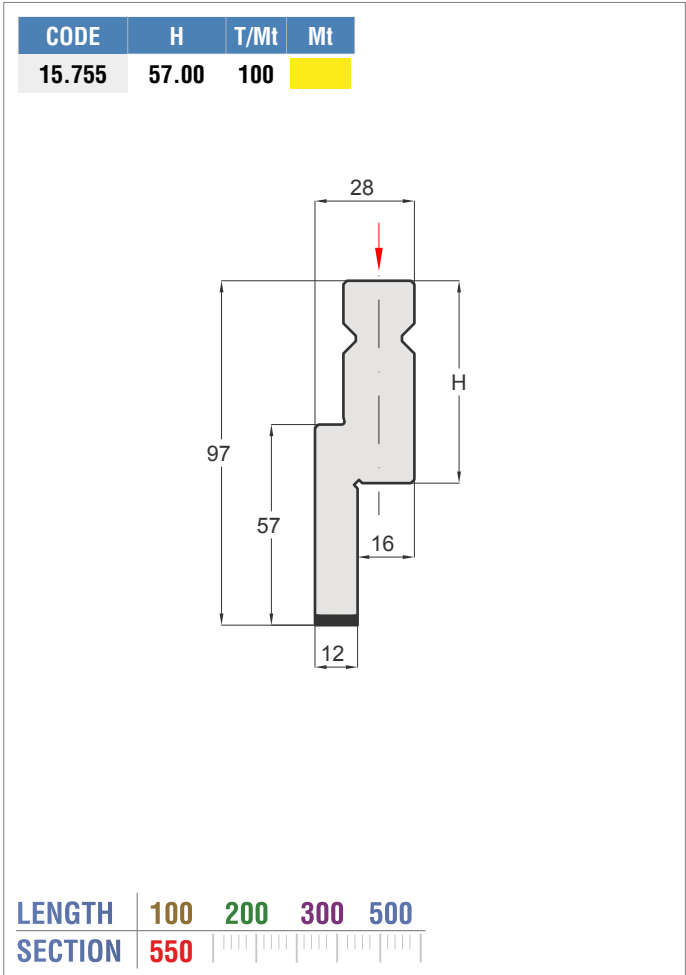
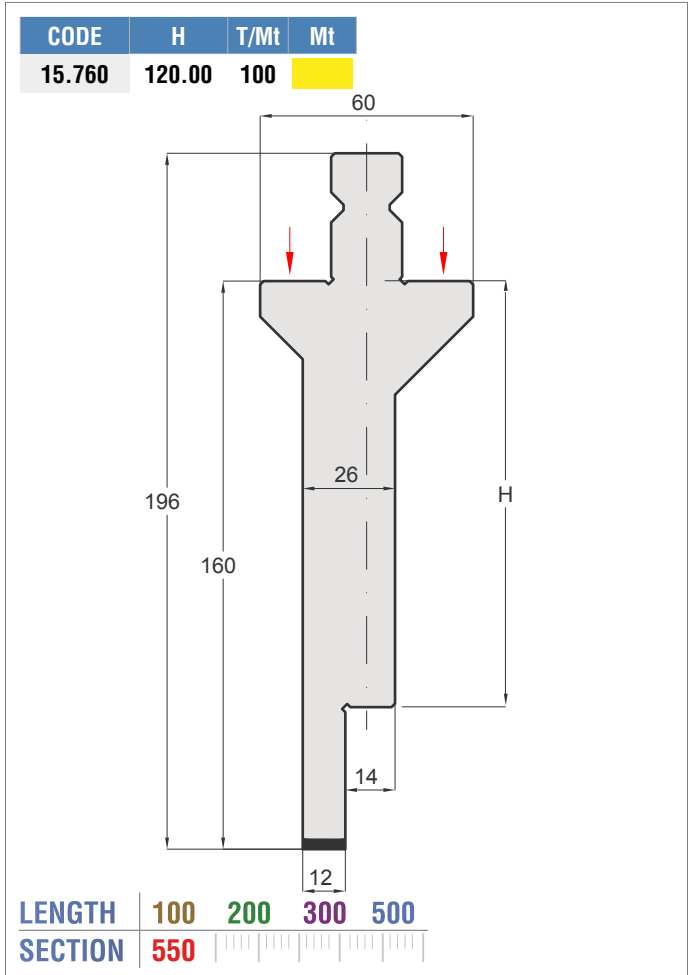
LAME E SUPPORTO PER LAME BLADES AND HOLDER FOR BLADES



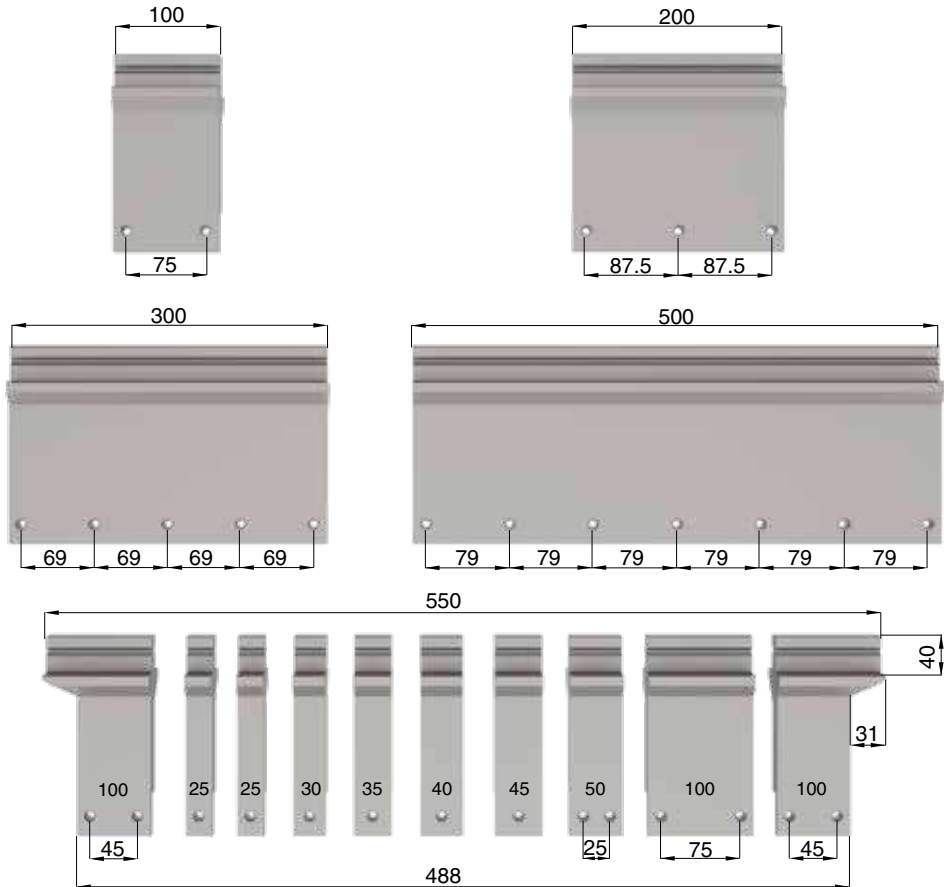
BLUE LINE

TRUMPF STYLE

LAME E SUPPORTO PER LAME - BLADES AND HOLDER FOR BLADES
SOPORTES Y CUCHILLAS - LÂMINAS E SUPORTES
SUPPORTS ET LAMES - KLINGENHALTER UND KLINGEN



LUNGHEZZA STANDARD - STANDARD LENGTH - LONGITUD STANDARD - COMPRIMENTO PADRÃO - LONGUEUR STANDARD - STANDARD - LÄNGE
LUNGHEZZA FRAZIONATO - SECTIONED LENGTH - LONGITUD FRACCIONADO - COMPRIMENTO FRACIONADO - LONGUEUR FRACTIONNÉE - SEKTIONIERT LÄNGE

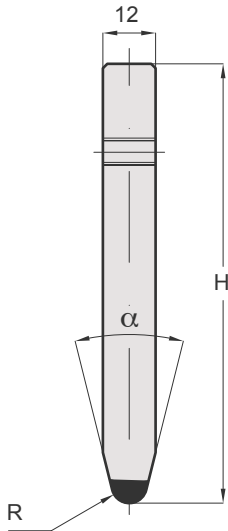


LAME - BLADES 28° / 84° / 86°

LAMA - BLADE - CUCHILLAS - LÂMINAS - LAMES - KLINGEN

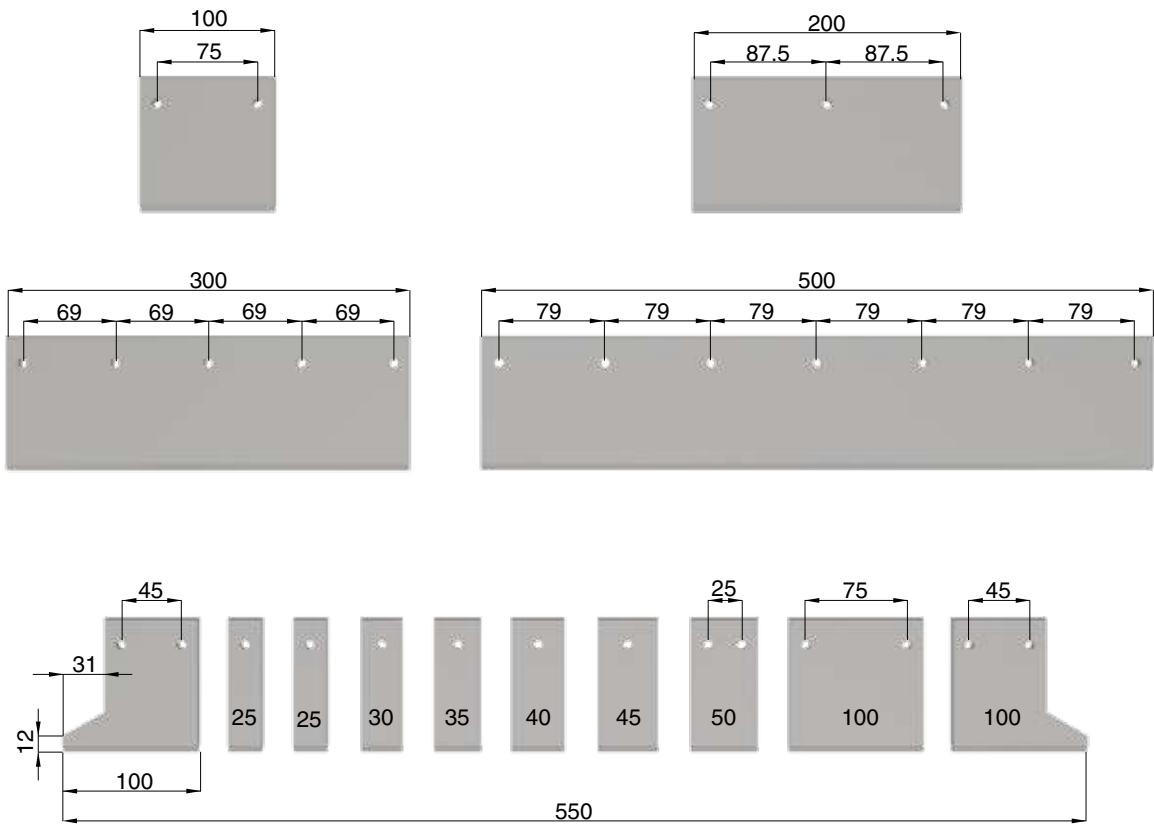
CODE	α	R	H	T/Mt	Mt
15.776	86°	1.00	100.00	100	
15.774	84°	1.00	100.00	100	
15.769	28°	6.00	100.00	100	
15.768	28°	5.00	100.00	100	
15.767	28°	4.00	100.00	100	
15.766	28°	3.00	100.00	100	
15.765	28°	2.00	100.00	100	
15.763	28°	1.00	100.00	100	
15.761	28°	0.50	100.00	100	

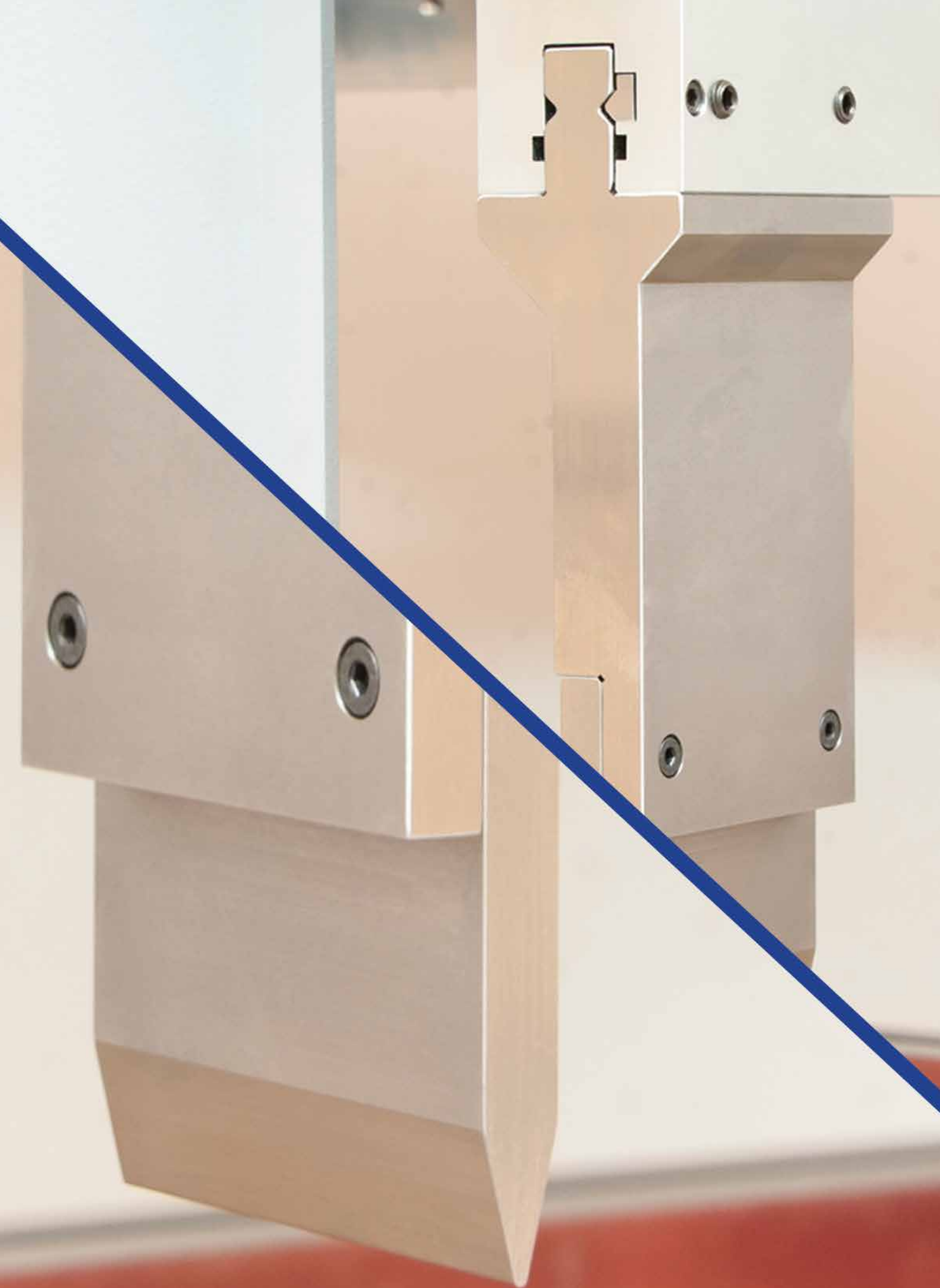
86°
84°
28°



LENGTH	100	200	300	500
SECTION	550			

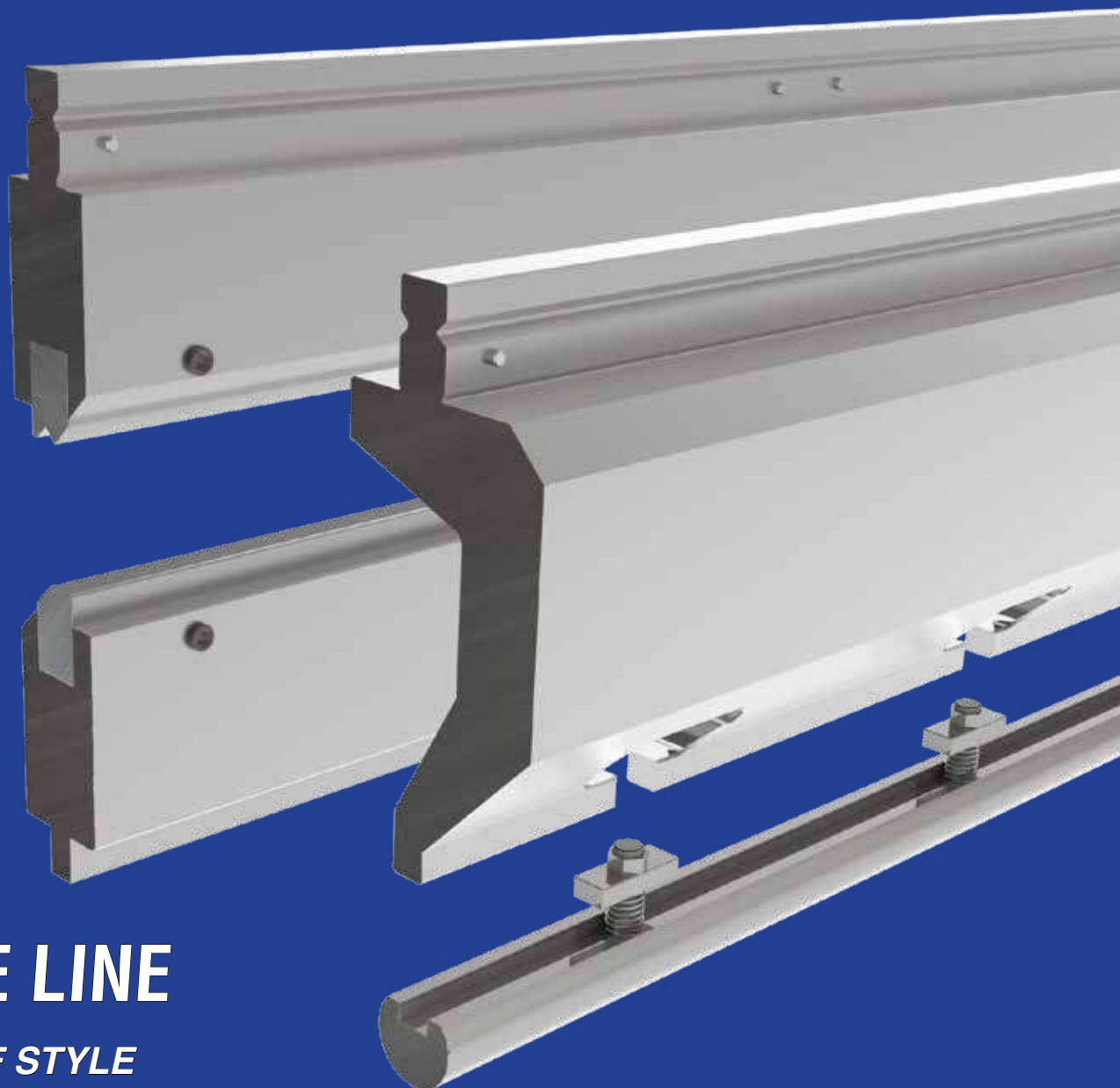
LUNGHEZZA STANDARD - STANDARD LENGTH - LONGITUD STANDARD - COMPRIMENTO PADRÃO - LONGUEUR STANDARD - STANDARD - LÄNGE
LUNGHEZZA FRAZIONATO - SECTIONED LENGTH - LONGITUD FRACCIONADO - COMPRIMENTO FRACIONADO - LONGUEUR FRACTIONNÉE - SEKTIONIERT LÄNGE





SUPPORTI E INSERTI A ZETA Z TOOL HOLDERS AND Z TOOL INSERTS

SUPPORTI E INSERTI RAGGIATI HOLDERS AND RADIUS INSERTS



BLUE LINE

TRUMPF STYLE

SUPPORTI PER INSERTI A Z - HOLDER FOR Z INSERT

CONTENEDORES PARA Z - SUORTES PARA INSERTOS EM Z

SUPPORTS POUR OUTILS EN Z - HALTERPAAR FÜR Z-WERKZEUGEINSÄTZE

INSERTI A Z E INSERTI RAGGIATI - RADIUS AND Z INSERTS

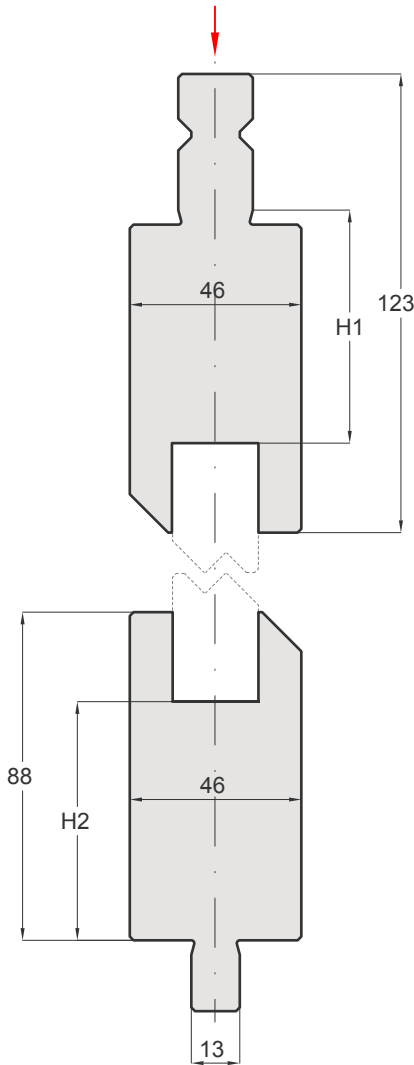
INSERTOS PARA Z E INSERTOS DE RADIO - INSERTOS DE RAIOS E EM Z

OUTILS EN Z ET INSERTS RAYON - Z-WERKZEUGEINSÄTZE UND RADIENLINEALE

SUPPORTI PER INSERTI A (Z) - Z-OFFSET TOOL HOLDERS

SUPPORTI PER INSERTI A Z - HOLDER FOR Z INSERT - CONTENEDORES PARA INSERTOS PARA Z
SUPPORTES PARA INSERTOS EM Z - SUPPORTS POUR OUTILS EN Z - HALTERPAAR FÜR Z-WERKZEUGEINSÄTZE

CODE	H1	H2	T/Mt	Mt
15.050	62.00	64.00	100	



LENGTH 415 835

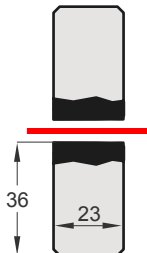
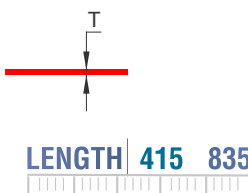


	LEGENDA	LEGEND	LEYENDA	LEGENDA	LÉGENDE	LEGENDE
Z	= SALTO A Z	Z OFFSET	SALTO DE Z	DEGRAU DO Z	TAILLE DU Z	Z-GRÖSSE
α	= ANGOLO	ANGLE	ÁNGULO	ÂNGULO	ANGLE	WINKEL
T	= SPESSORE MAX	MAX THICKNESS	ESPESOR MÁXIMO	ESPESSURA MÁXIMA	EPAISSEUR MAX	MAX. BLECHSTÄRKE
T/mt	= CARICO MAX	MAX LOAD	TONELAJE MÁXIMO	TONELAGEM MÁXIMA	TONNAGE MAX	MAX. BELASTBARKEIT
Mt	= MATERIALE	MATERIAL	MATERIAL	MATERIAL	MATÉRIEL	MATERIAL

INSERTI A (Z) - Z TOOL INSERTS

INSERTI A Z - JOGGLE (Z) INSERTS - INSERTOS PARA Z
INSERTOS EM Z - OUTILS EN Z - Z-WERKZEUGEINSÄTZE

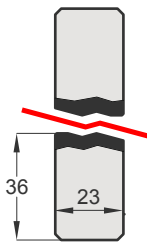
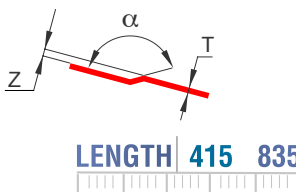
CODE	Z	α	T	T/Mt	Mt
40.500				100	

LENGTH 415 835

CODE	Z	α	T	T/Mt	Mt
40.510	1.00	160°	1 mm	100	
40.515	1.50	160°	1,2 mm	100	
40.520	2.00	150°	1,5 mm	100	
40.525	2.50	140°	1,5 mm	100	

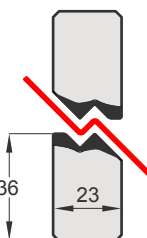
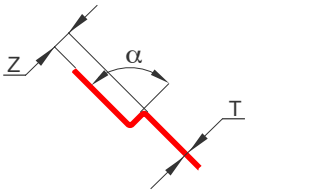
160°
150°
140°

LENGTH 415 835

CODE	Z	α	T	T/Mt	Mt
40.511	1.00	90°	0,5 mm	100	
40.516	1.50	90°	0,5 mm	100	
40.521	2.00	90°	0,5 mm	100	
40.526	2.50	90°	0,8 mm	100	
40.530	3.00	90°	1 mm	100	
40.535	3.50	90°	1 mm	100	
40.540	4.00	90°	1,2 mm	100	
40.545	4.50	90°	1,2 mm	100	
40.550	5.00	90°	1,5 mm	100	
40.555	5.50	90°	1,5 mm	100	
40.560	6.00	90°	1,5 mm	100	
40.565	6.50	90°	1,5 mm	100	
40.570	7.00	90°	1,5 mm	100	
40.575	7.50	90°	1,6 mm	100	
40.580	8.00	90°	1,6 mm	100	

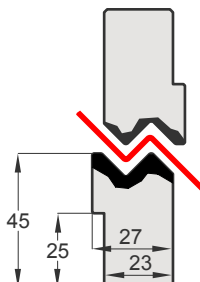
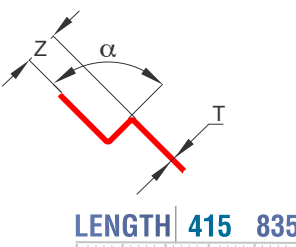
90°

LENGTH 415 835

CODE	Z	α	T	T/Mt	Mt
40.585	8.50	90°	2 mm	100	
40.590	9.00	90°	2 mm	100	
40.610	10.00	90°	2 mm	100	
40.611	11.00	90°	2 mm	100	
40.612	12.00	90°	2 mm	100	

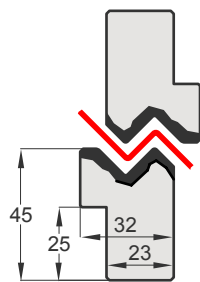
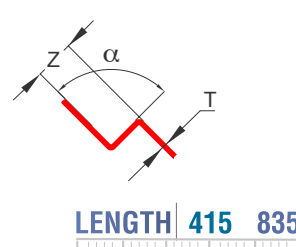
90°

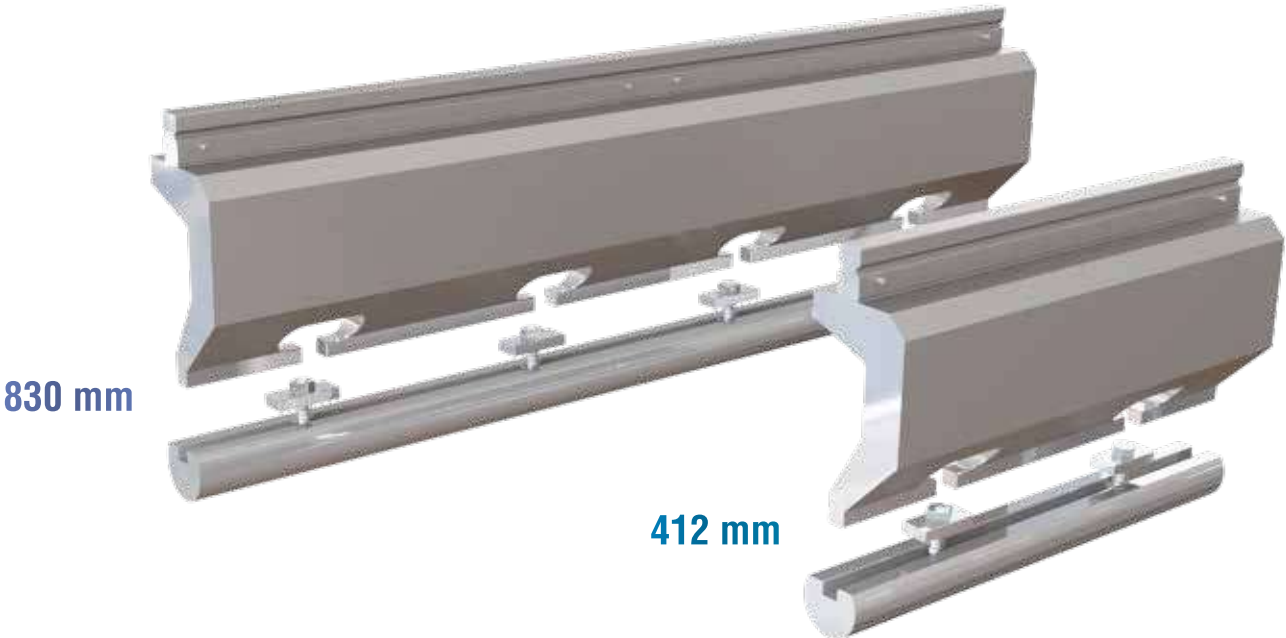
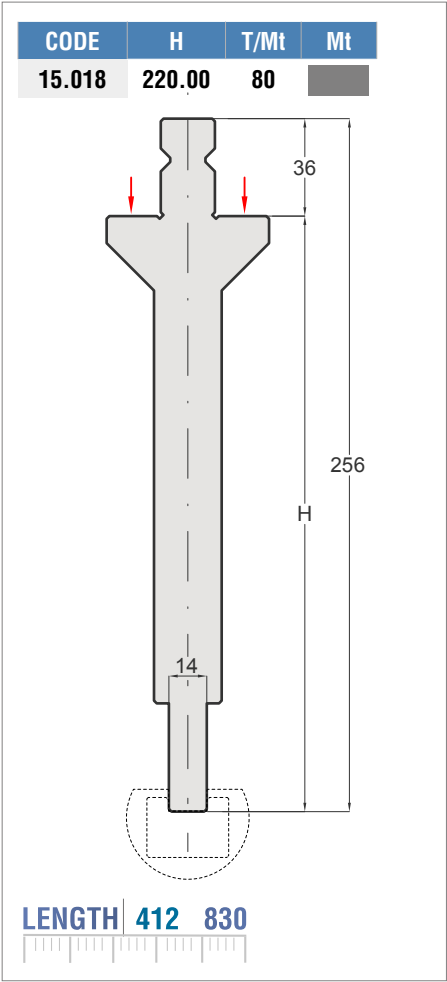
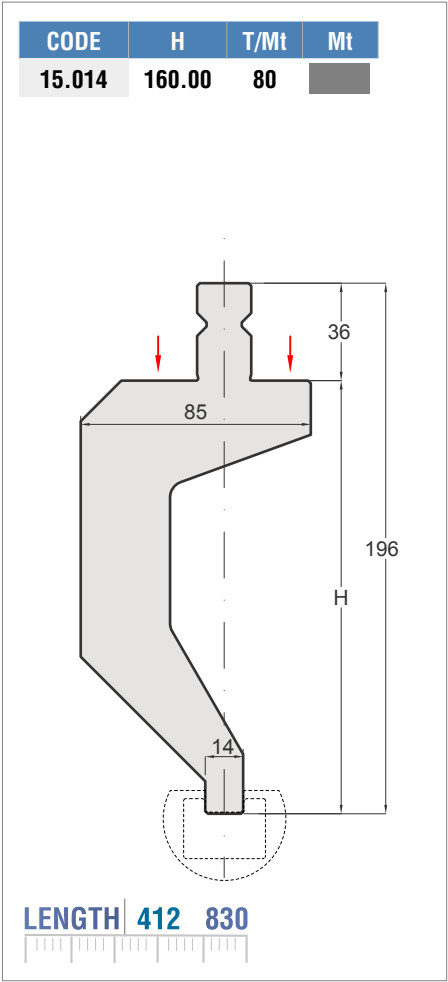
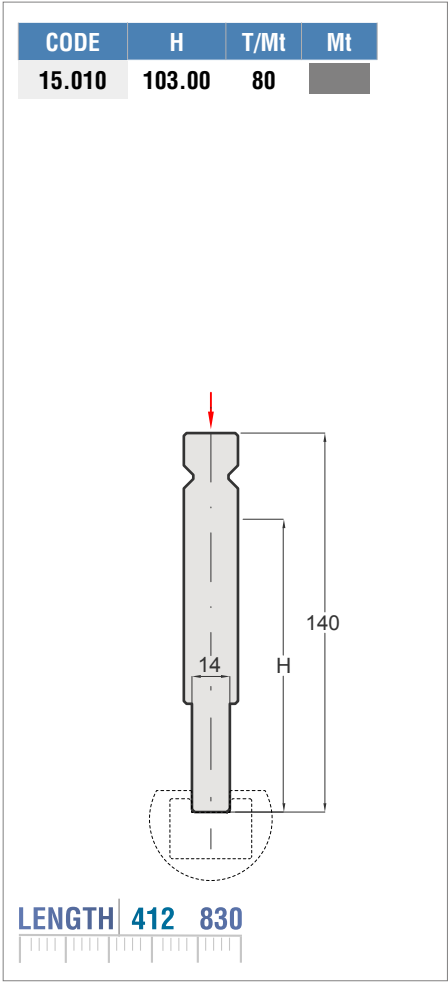
LENGTH 415 835

CODE	Z	α	T	T/Mt	Mt
40.613	13.00	90°	2,5 mm	100	
40.614	14.00	90°	2,5 mm	100	
40.615	15.00	90°	3 mm	100	

90°

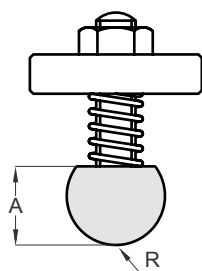
LENGTH 415 835



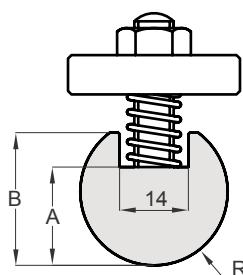
INSERTI RAGGIATI - RADIUS INSERTS

INSERTI RAGGIATI/PIANI - RADIUS/PLAN INSERTS - INSERTOS DE RADIO/PLANO - INSERTOS DE RAIQ/PLANO - INSERTS A RAYONNER/ECRASER - WERKZEUGTRÄGER FÜR RADIIENLINEALE/ZUDRÜCKEINSÄTZE

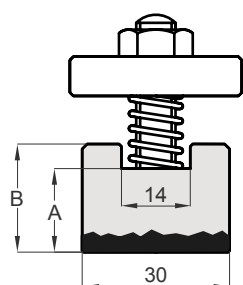
ACCIAIO - STEEL C45



LENGTH 415 835



LENGTH 415 835



LENGTH 415 835

CODE

Mt

R

A

B

10.300

10.301

10.302

10.303

10.304

10.305

10.306

10.307

7.00 11.50

7.50 11.50

8.00 13.00

9.00 16.00

10.00 16.00

11.00 16.00

11.50 19.00

12.00 20.00

10.308

10.309

10.310

10.311

10.312

10.313

10.314

10.315

10.316

10.317

10.318

10.319

10.320

10.321

10.322

10.323

10.324

12.50 16.00 21.00

13.00 17.00 23.00

14.00 19.00 25.00

15.00 20.00 27.00

16.00 21.00 28.00

17.00 21.50 31.50

17.50 22.00 32.00

19.00 25.00 32.00

20.00 24.00 34.00

22.50 25.00 33.00

25.00 29.00 39.00

27.50 34.00 44.00

30.00 34.00 44.00

35.00 45.00 55.00

40.00 45.00 55.00

45.00 50.00 60.00

50.00 54.00 64.00

10.325

17.00 22.00

CODE

Mt

11.300

11.301

11.302

11.303

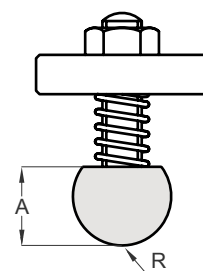
11.304

11.305

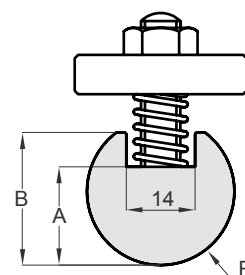
11.306

11.307

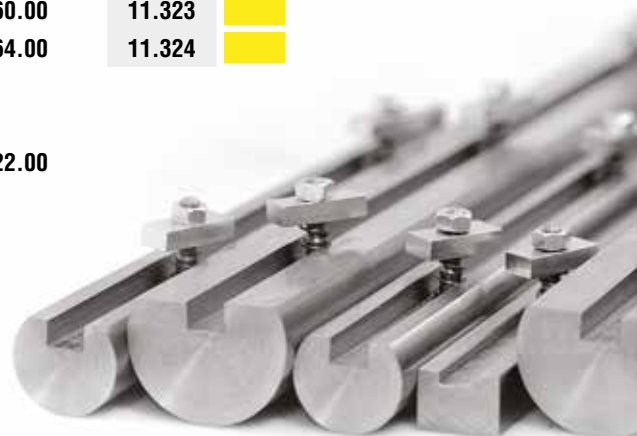
STEEL 42CrMo4 (UNI EN 10083-93)
NITRIDED 60-62 HRC



LENGTH 415 835



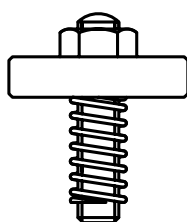
LENGTH 415 835



PARTI DI RICAMBIO - SPARE PARTS - RECAMBIOS - PEÇAS DE SUBSTITUIÇÃO - PIÈCES DE RECHANGE - ERSATZTEILE

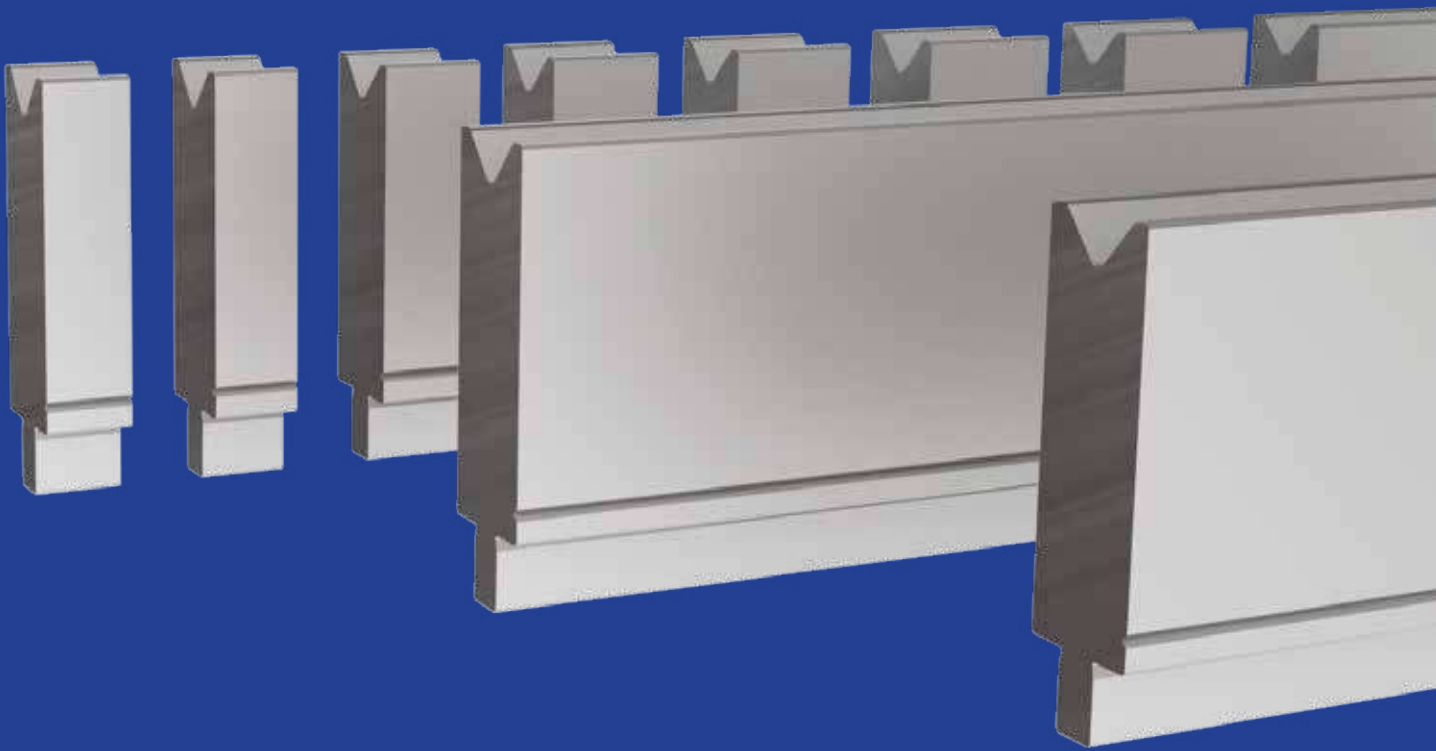
CODE

40.002





MATRICI DIES



BLUE LINE

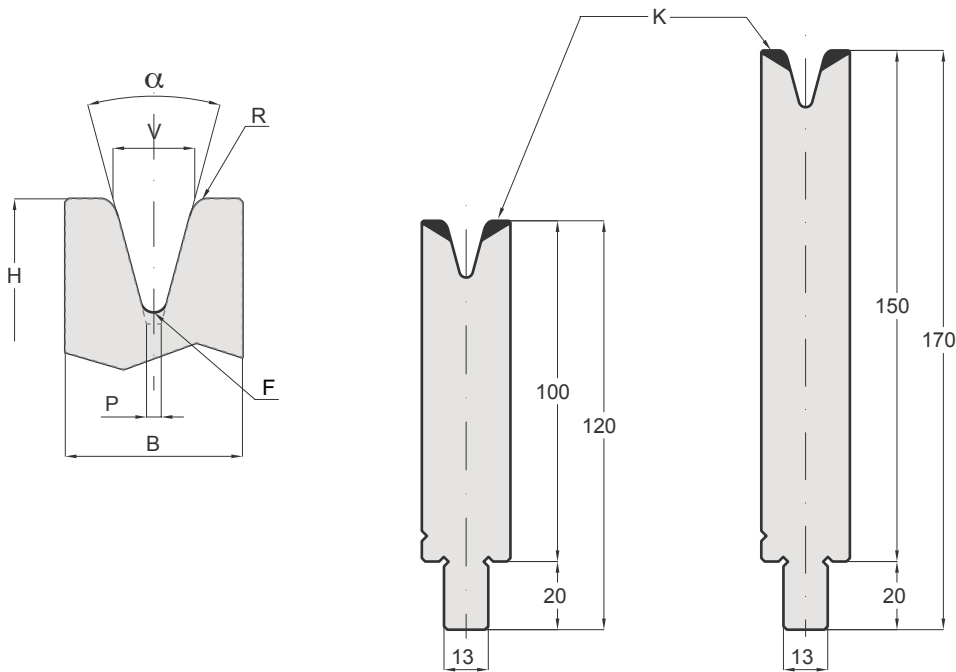
TRUMPF STYLE

MATRICI - DIES - MATRICES

MATRIZES - MATRICES - MATRIZEN

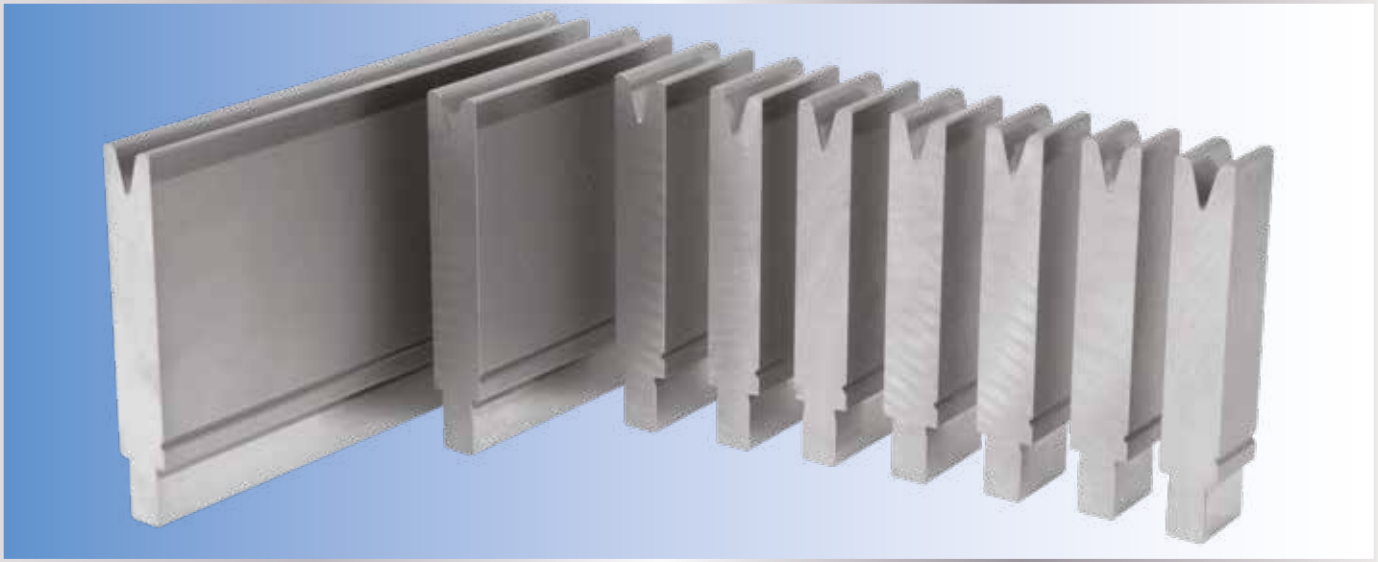
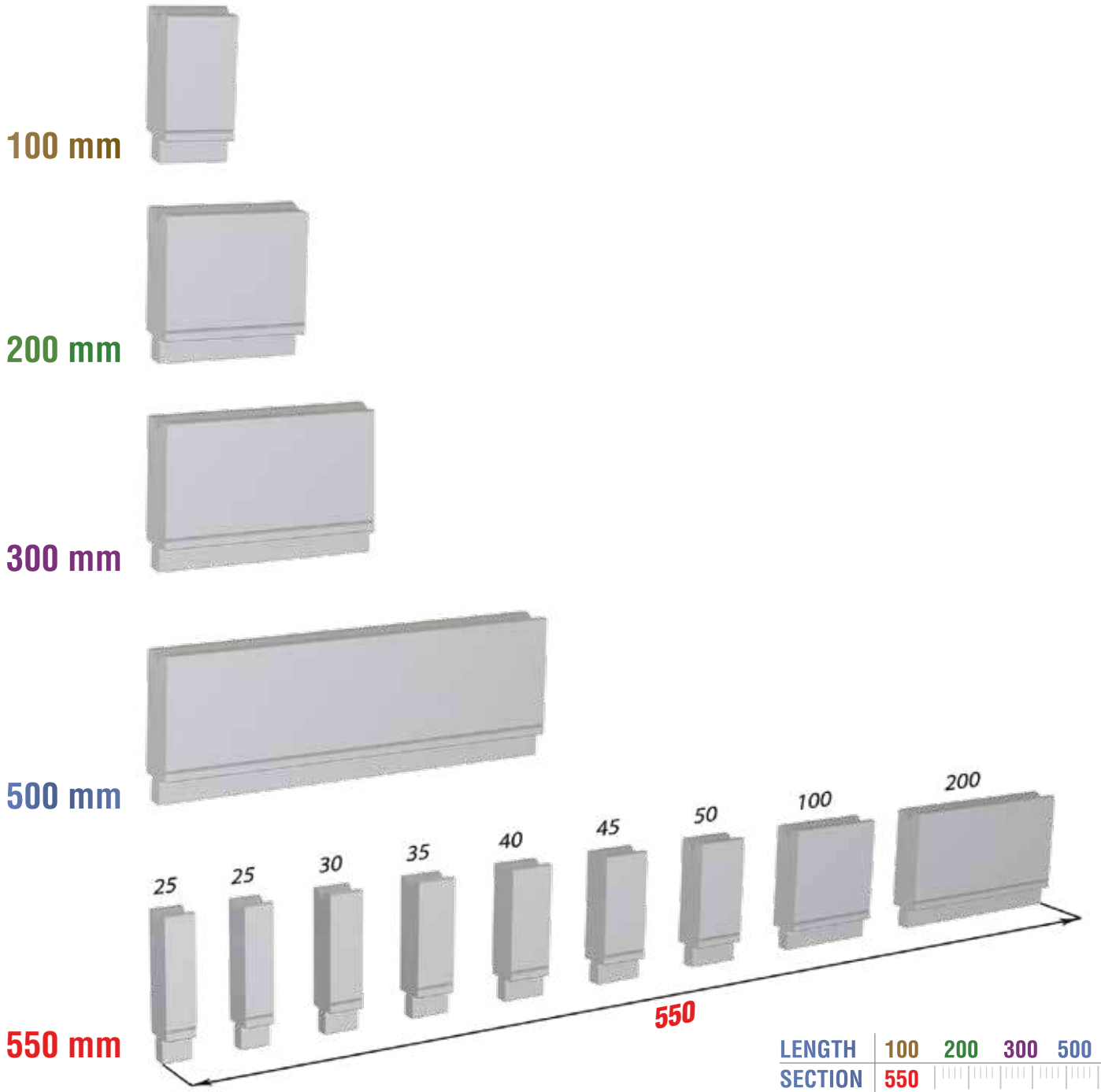
MATRICI - DIES

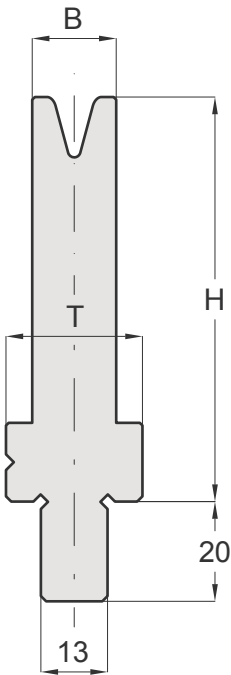
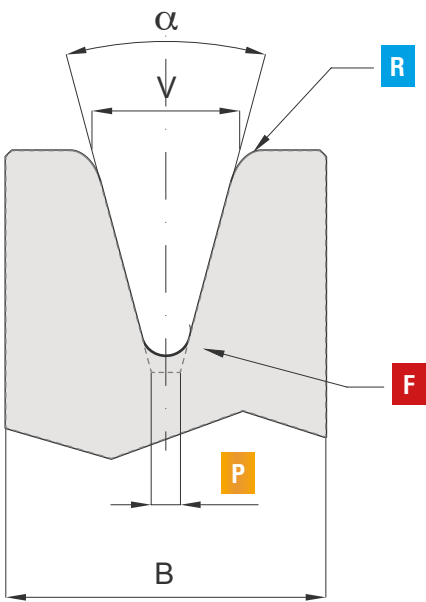
LE MATRICI STANDARD SONO DISPONIBILI A MAGAZZINO NELLE LUNGHEZZE DI: 100 / 200 / 300 mm - 500 mm E FRAZIONATI (550 mm)
STANDARD DIES ARE AVAILABLE ON STOCK IN THE FOLLOWING STANDARD LENGTHS: 100 / 200 / 300 mm - 500 mm AND SECTIONED (550 mm)
LAS MATRICES ESTÁN DISPONIBLES EN STOCK Y EN LONGITUDES DE: 100 / 200 / 300 mm - 500 mm Y FRACCIONADOS (550 mm)
AS MATRIZES ESTÃO DISPONÍVEIS EM STOCK/ESTOQUE NOS COMPRIMENTOS: 100 / 200 / 300 mm - 500 mm E FRACIONADOS (550 mm)
LES MATRICES STANDARDS SONT DISPONIBLES EN LONGUEURS: 100 / 200 / 300 mm - 500 mm ET FRACTIONNÉES (550 mm)
DIE AB LAGER LIEFERBAREN STANDARD-MATRIZEN SIND IN FOLGENDEN LÄNGEN ERHÄLTICH: 100 / 200 / 300 mm - 500 mm DER UND SEKTIONIERT E LÄNGE (550 mm)



LEGENDA		LEGEND		LEYENDA		LEGENDA		LÉGENDE		LEGENDE	
H	=	ALTEZZA	HEIGHT	ALTURA	ALTURA	HAUTEUR	STEMPELHÖHE				
α	=	ANGOLO	ANGLE	ÁNGULO	ÂNGULO	ANGLE	WINKEL				
R	=	RAGGIO	RADIUS	RADIO	RAIO	RAYON	RADIUS				
K	=	PARTI USURABILI	WEAR PARTS	ZONDA DE DESGASTE	ZONA DE DESGASTE	ZONES D'USURE	VERSCHLEISSTEILE				
B	=	BASE	WIDTH	BASE	BASE	BASE	BREITE				
V	=	AMPIEZZA CAVA	DIE OPENING	APERTURA DE V	ABERTURA DO V	LARGEUR VE	ÖFFNUNGSWEITE				
F	=	FONDO MATRICE	BOTTOM DIES	FONDO MATRIZ	FUNDO DA MATRIZ	FOND MATRICE	MATRIZENGUND				
P	=	PIANO	FLAT	PLANO	PLANO	PLAN	FLÄCHE				







86°
84°
80°
60°
30°

	LEGENDA	LEGEND	LEYENDA	LEGENDA	LÉGENDE	LEGENDE
F	= FONDO MATRICE	= BOTTOM DIE	= FONDO MATRIZ	= FUNDO DA MATRIZ	= FOND MATRICE	= MATRIZENGRUND
R	= RAGGIO	= RADIUS	= RADIO	= RAIO	= RAYON	= RADIUS
P	= PIANO	= FLAT	= PLANO	= PLANO	= PLAN	= FLÄCHE

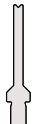
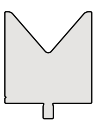
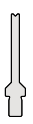
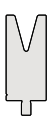
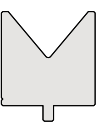
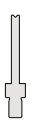
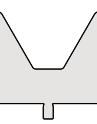
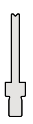
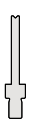
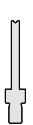
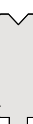
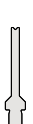
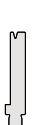
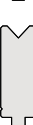
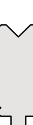
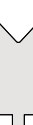
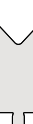
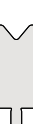
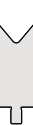
LENGTH	100	200	300	500
SECTION	550			

CODE	α	V	R	H	B	T	F	T/mt	Mt
25.100	86°	4	0.60	100	8	20	R0.6	25	
25.101	86°	6	0.60	100	20	20	R0.6	100	
25.102	86°	8	0.80	100	20	20	R0.8	100	
25.103	86°	10	1.00	100	20	20	R1.0	100	
25.104	86°	12	1.00	100	25	25	R1.0	100	
25.105	86°	16	1.60	100	30	30	R1.6	100	
25.106	86°	20	2.00	100	30	30	R2.0	100	
25.107	86°	24	2.50	100	35	35	R2.5	100	
25.108	86°	30	3.00	100	45	45	R3.0	100	
25.109	86°	40	3.00	100	55	55	R3.0	120	
25.110	86°	50	3.00	100	75	75	R5.0	150	
25.350	86°	5	0.60	100	8	20	R0.6	25	
25.200	84°	4	0.60	100	8	20	R0.6	25	
25.201	84°	6	0.60	100	20	20	R0.6	100	
25.202	84°	8	0.80	100	20	20	R0.8	100	
25.203	84°	10	1.00	100	20	20	R1.0	100	
25.204	84°	12	1.00	100	25	25	R1.0	100	
25.205	84°	16	1.60	100	30	30	R1.6	100	
25.206	84°	20	2.00	100	30	30	R2.0	100	
25.300	84°	5	0.60	100	8	20	R0.6	25	
25.301	84°	6	0.60	100	10	20	R0.6	25	
25.302	84°	8	0.80	100	12	20	R0.8	35	
25.303	84°	10	1.00	100	14	20	R1.0	40	
25.304	84°	12	1.00	100	16	20	R1.0	40	
25.207	80°	24	2.50	100	35	35	R2.5	100	
25.208	80°	30	5.00	100	45	45	R3.0	100	
25.209	80°	40	5.00	100	55	55	R3.0	120	
25.210	80°	50	5.00	100	65	65	R5.0	150	

CODE	α	V	R	H	B	T	F	T/mt	Mt
25.111	80°	60	5.00	100	75	75	R5.0	150	
25.112	80°	70	5.00	100	85	85	R5.0	150	
25.113	80°	80	5.00	100	100	100	R5.0	150	
25.114	80°	90	8.00	120	110	110	R5.0	150	
25.115	80°	100	8.00	120	120	120	R5.0	150	
25.116	60°	120	8.00	120	145	145	P38	160	
25.400	30°	4	0.60	100	15	20	R0.6	20	
25.401	30°	6	0.60	100	20	20	R0.6	40	
25.402	30°	8	1.00	100	20	20	R1.0	40	
25.403	30°	10	1.00	100	20	20	R1.0	40	
25.404	30°	12	1.00	100	25	25	R1.0	40	
25.405	30°	16	1.60	100	30	30	R1.6	50	
25.406	30°	20	2.00	100	35	35	R2.0	60	
25.407	30°	24	2.50	100	40	40	R2.5	65	
25.408	30°	30	3.00	100	55	55	R3.0	90	
25.409	30°	40	5.00	100	60	60	R5.0	90	
25.410	30°	50	5.00	100	75	75	P17	100	
25.421	30°	6	3.00	100	20	20	R0.6	40	
25.422	30°	8	3.00	100	20	20	R1.0	40	
25.423	30°	10	3.00	100	20	20	R1.0	40	
25.424	30°	12	3.00	100	25	25	R1.0	40	
25.425	30°	16	3.00	100	30	30	R1.6	50	
25.500	30°	5	0.60	100	15	20	R0.6	15	
25.501	30°	6	0.60	100	16	20	R0.6	17	
25.502	30°	8	1.00	100	17	20	R1.0	20	
25.503	30°	10	1.00	100	18	20	R1.0	20	
25.504	30°	12	1.00	100	21.5	25	R1.0	25	

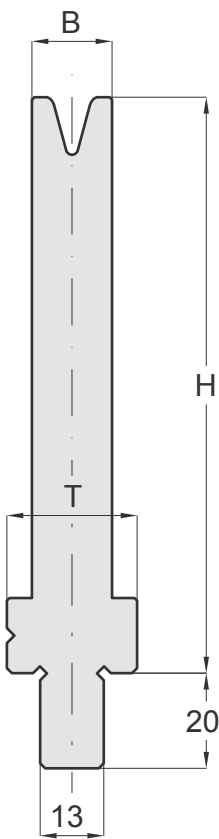
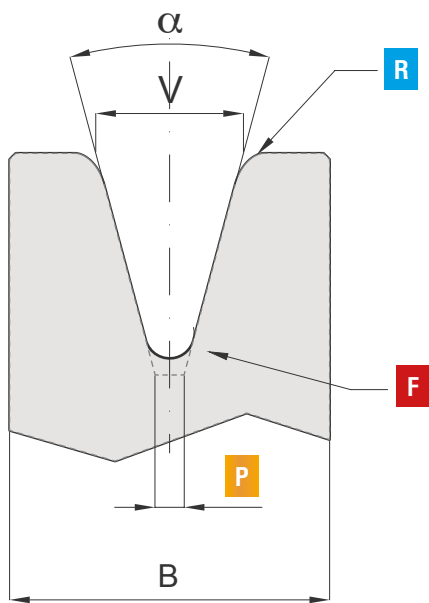
ELENCO MATRICI - DIES LIST

ELENCO - LIST - LISTADO - LISTA - LISTE - LISTE

25.100		25.114		25.300		25.408	
25.101		25.115		25.301		25.409	
25.102		25.116		25.302		25.410	
25.103		25.200		25.303		25.421	
25.104		25.201		25.304		25.422	
25.105		25.202		25.350		25.423	
25.106		25.203		25.400		25.424	
25.107		25.204		25.401		25.425	
25.108		25.205		25.402		25.500	
25.109		25.206		25.403		25.501	
25.110		25.207		25.404		25.502	
25.111		25.208		25.405		25.503	
25.112		25.209		25.406		25.504	
25.113		25.210		25.407			

MATRICI - DIES H=150

MATRICI - DIES - MATRICES - MATRIZES - MATRICES - MATRIZEN



86°
84°
80°
30°

	LEGENDA	LEGEND	LEYENDA	LEGENDA	LÉGENDE	LEGENDE
F	= FONDO MATRICE	BOTTOM DIE	FONDO MATRIZ	FUNDO DA MATRIZ	FOND. MATRICE	MATRIZENGRUND
R	= RAGGIO	RADIUS	RADIO	RAIO	RAYON	RADIUS
P	= PIANO	FLAT	PLANO	PLANO	PLAN	FLÄCHE

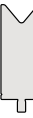
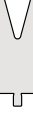
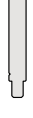
LENGTH	100	200	300	500
SECTION	550			

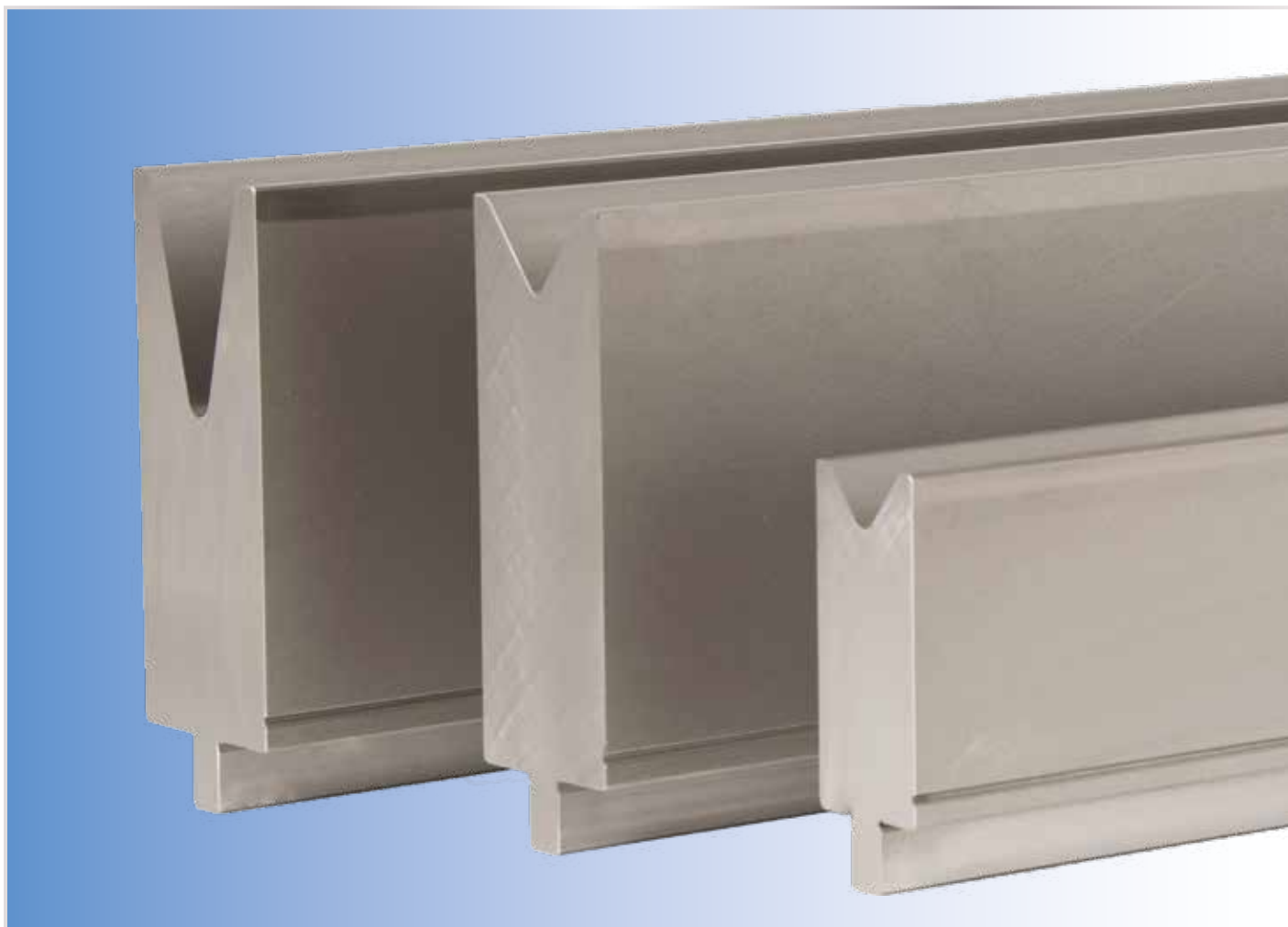
CODE	α	V	R	H	B	T	F	T/mt	Mt
25.601	86°	6	0.60	150	20	20	R0.6	100	
25.602	86°	8	0.80	150	20	20	R0.8	100	
25.603	86°	10	1.00	150	20	20	R1.0	100	
25.604	86°	12	1.00	150	25	25	R1.0	100	
25.605	86°	16	1.60	150	30	30	R1.6	100	
25.606	86°	20	2.00	150	30	30	R2.0	100	
25.607	86°	24	2.50	150	35	35	R2.5	100	
25.621	84°	6	0.60	150	20	20	R0.6	100	
25.622	84°	8	0.80	150	20	20	R0.8	100	
25.623	84°	10	1.00	150	20	20	R1.0	100	
25.624	84°	12	1.00	150	25	25	R1.0	100	
25.625	84°	16	1.60	150	30	30	R1.6	100	
25.626	84°	20	2.00	150	30	30	R2.0	100	
25.627	80°	24	2.50	150	35	35	R2.5	100	
25.628	80°	30	5.00	150	45	45	R3.0	100	
25.629	80°	40	5.00	150	55	55	R3.0	100	
25.630	80°	50	5.00	150	65	65	R5.0	100	
25.901	30°	6	0.60	150	20	20	R0.6	40	
25.902	30°	8	1.00	150	20	20	R1.0	40	
25.903	30°	10	1.00	150	20	20	R1.0	40	
25.904	30°	12	1.00	150	25	25	R1.0	40	
25.905	30°	16	1.60	150	30	30	R1.6	50	
25.906	30°	20	2.00	150	35	35	R2.0	60	
25.907	30°	24	2.50	150	40	40	R2.5	65	
25.908	30°	30	3.00	150	55	55	R3.0	90	
25.909	30°	40	5.00	150	60	60	R5.0	90	



ELENCO MATRICI - DIES LIST

ELENCO - LIST - LISTADO - LISTA - LISTE - LISTE

25.601		25.621		25.628		25.905	
25.602		25.622		25.629		25.906	
25.603		25.623		25.630		25.907	
25.604		25.624		25.901		25.908	
25.605		25.625		25.902		25.909	
25.606		25.626		25.903			
25.607		25.627		25.904			





PIEGASCHIACCIA HEMMING TOOLS



BLUE LINE

TRUMPF STYLE

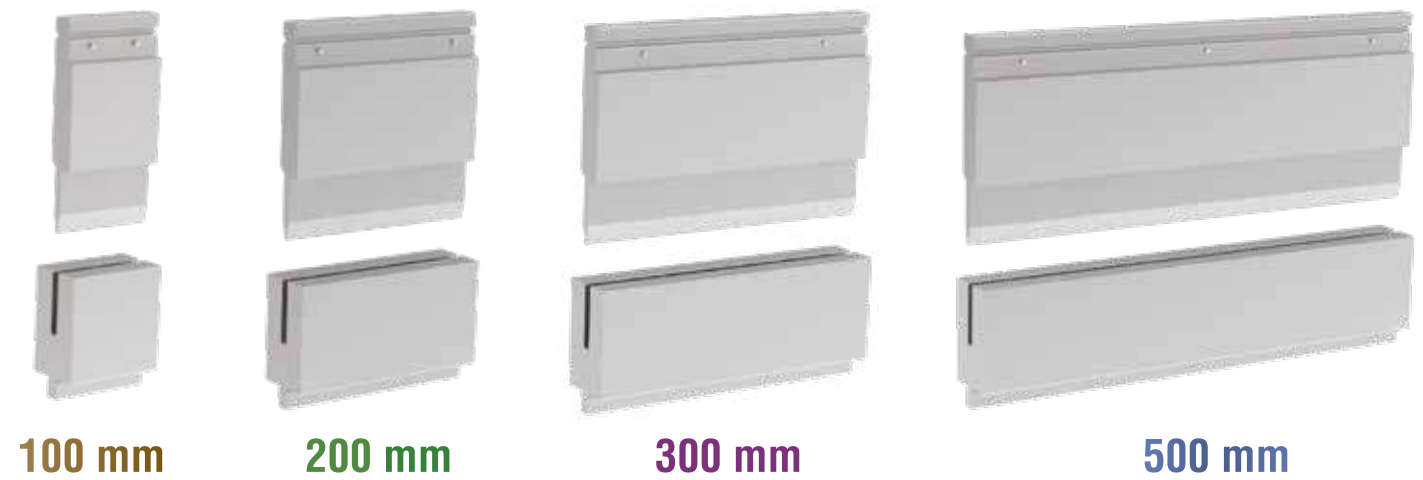
PIEGASCHIACCIA - HEMMING TOOLS

UTILLAJE PLEGAR/APLASTAR - FERRAMENTA ESMAGAMENTO/AMASSAMENTO

OUTIL À ÉCRASER - ZUDRÜCKWERKZEUGE

PIEGASCHIACCIA - HEMMING TOOLS

PIEGASCHIACCIA - HEMMING TOOLS - UTILLAJE PLEGAR/APLSTAR - FERRAMENTA ESMAGAMENTO/AMASSAMENTO - OUTIL À ÉCRASER - ZUDRÜCKWERKZEUGE



IL CARICO MASSIMO DELLE SCARPETTE CORRISPONDE AL 30% DEL CARICO MASSIMO INDICATO SUL PUNZONE.
THE FMAX OF THE HORN EXTENSIONS IS 30% OF THE FMAX OF THE PUNCH.
LA CARGA MÁXIMA NAS BIGORNIA, ES EL 30% DEL TONELAJE MÁXIMO INDICADO EN LOS PUNZONES.
A CARGA MÁXIMA NAS BIGORNAS É DE 30% DA TONELAGEM TOTAL MÁXIMA INDICADA PARA O PUNÇÃO.
LA FMAX DES BIGORNES REPRÉSENTE 30% DE LA FMAX DU POINÇON.
DIE FMAX DER HORNSTÜCKE BETRÄGT 30% DER FMAX DES STEMPELS

LENGTH	100	200	300	500
SECTION	550			

PIEGASCHIACCIA - HEMMING TOOLS

PIEGASCHIACCIA - HEMMING TOOLS - UTILLAJE PLEGAR/APLSTAR - FERRAMENTA ESMAGAMENTO/AMASSAMENTO - OUTIL À ÉCRASER - ZUDRÜCKWERKZEUGE

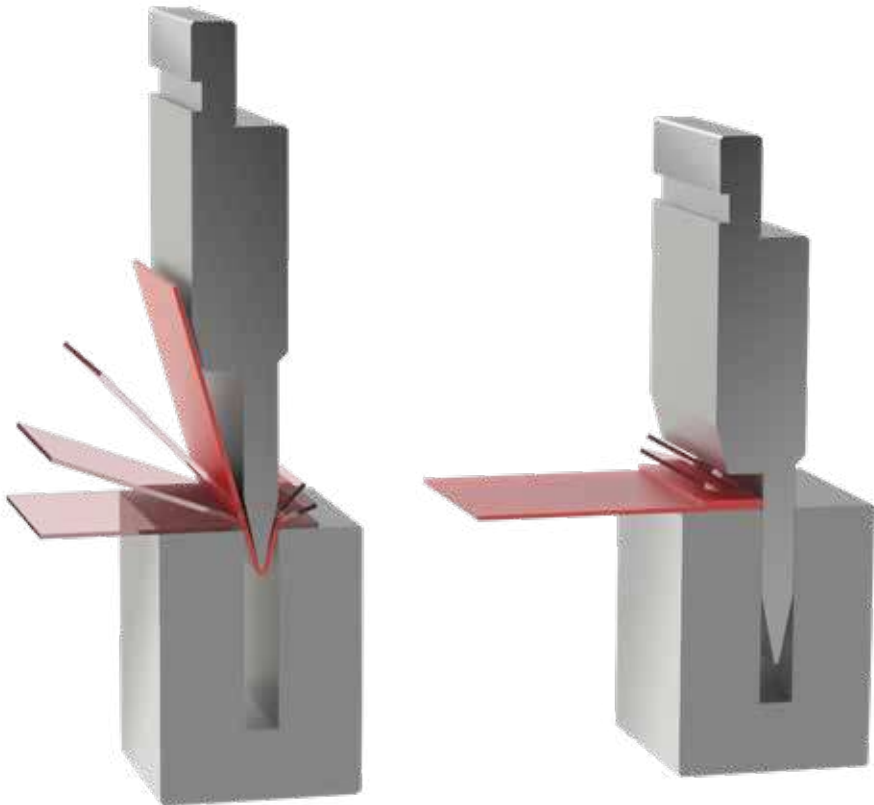
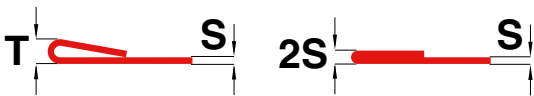


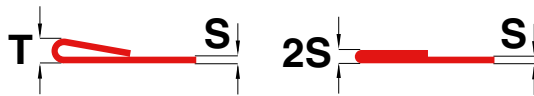
TABELLA DI PIEGATURA - BENDING CHART - TABLA DE PLEGADO - TABELA DE QUINAGEM/DOBRA - ABAQUE DE PLIAGE - PRESSKRAFTTABELLE

MATERIAL ACC.R ~ 40 Kg/MM²

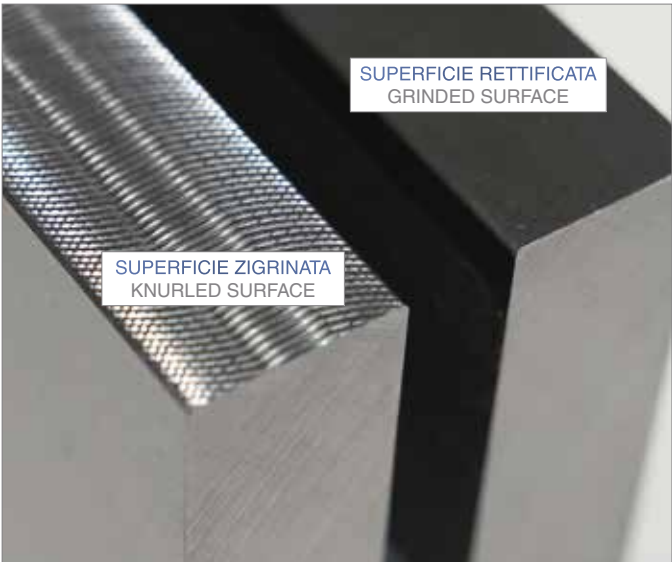


MATERIAL ACC.R ~ 40 Kg/MM ²				
S (mm)	(t/m)	T (mm)	(t/m)	2S(mm)
0,6	9	3	23	1,2
0,8	12	3	32	1,6
1,0	15	3,5	40	2,0
1,25	17	3,5	50	2,5
1,5	22	4,6	63	3,0
2,0	30	5,5	80	4,0
2,5	55	6,5	90	5,0
3,0	70	8,0	100	6,0

MATERIAL ACC.R ~ 70 Kg/MM²



MATERIAL ACC.R ~ 70 Kg/MM ²				
S (mm)	(t/m)	T (mm)	(t/m)	2S(mm)
0,6	15	3	35	1,2
0,8	20	3	50	1,6
1,0	25	3,5	60	2,0
1,25	26	3,5	80	2,5
1,5	38	4,6	95	3,0
2,0	50	5,5	130	4,0



CODE	α	R	H	T/Mt	Mt
15.902	24°	0.60	158.00	80	

LENGTH 100 200 300 500
SECTION 550

CODE	α	R	H	T/Mt	Mt
15.904	24°	0.60	158.00	80	

LENGTH 100 200 300 500
SECTION 550

CODE	α	R	H	T/Mt	Mt
15.905	24°	0.60	158.00	80	

LENGTH 100 200 300 500
SECTION 550

CODE	R	H	T/Mt	Mt
25.992	1.00	100.00	50	

SUPERFICIE ZIGRINATA
KNURLED SURFACE

SUPERFICIE RETTIFICATA
GRINDED SURFACE

Max sp 1mm Max tk 1mm Máx. esp 1mm
Max esp 1mm Max t 1mm Max t 1mm

LENGTH 100 200 300 500
SECTION 550

CODE	R	H	T/Mt	Mt
25.994	1.00	100.00	50	

SUPERFICIE ZIGRINATA
KNURLED SURFACE

SUPERFICIE RETTIFICATA
GRINDED SURFACE

Max sp 1,5mm Max tk 1,5mm Máx. esp 1,5mm
Max esp 1,5mm Max t 1,5mm Max t 1,5mm

LENGTH 100 200 300 500
SECTION 550

CODE	R	H	T/Mt	Mt
25.995	1.00	100.00	50	

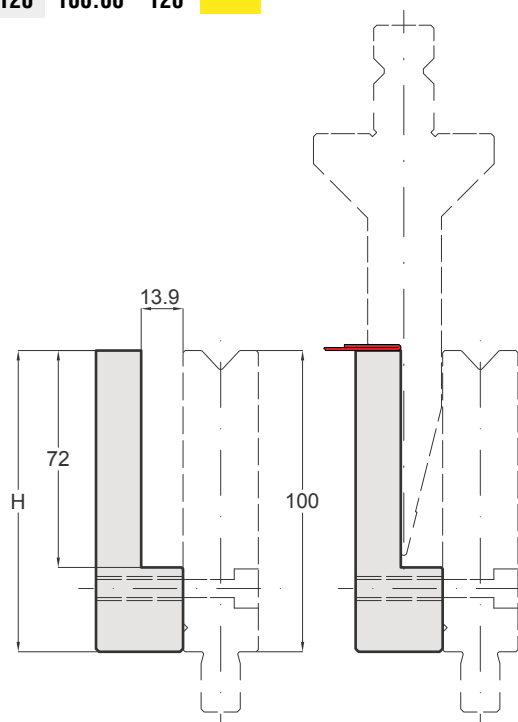
SUPERFICIE ZIGRINATA
KNURLED SURFACE

SUPERFICIE RETTIFICATA
GRINDED SURFACE

Max sp 2mm Max tk 2mm Máx. esp 2mm
Max esp 2mm Max t 2mm Max t 2mm

LENGTH 100 200 300 500
SECTION 550

CODE	H	T/Mt	Mt
60.120	100.00	120	

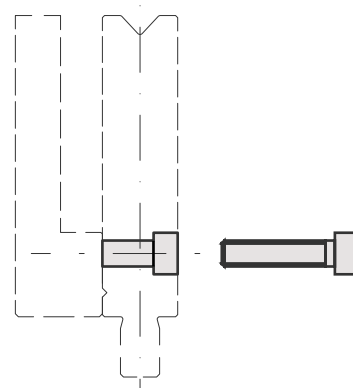


LENGTH	100	200	300	500
SECTION	550			

CODE
70.800

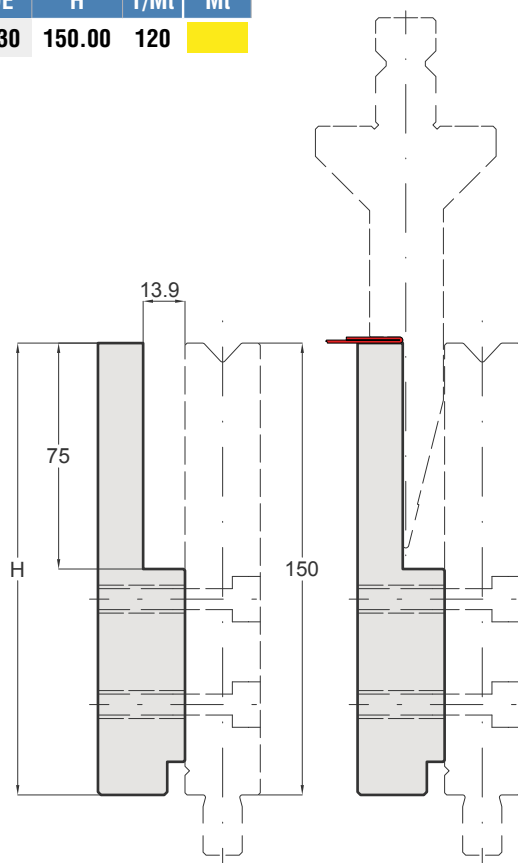
CODICE FORATURA MATRICI PER APPLICARE L'INSERTO SCHIACCIATORE 60.120

CODE OF DRILL HOLES IN THE DIE FOR USE OF SCREWABLE FLATTENING DIE 60.120



LENGTH	100	200	300	500
SECTION	550			

CODE	H	T/Mt	Mt
60.130	150.00	120	

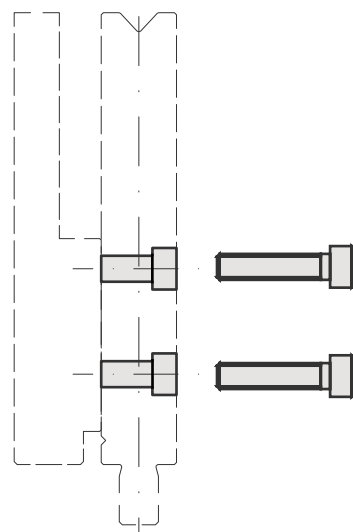


LENGTH	100	200	300	500
SECTION	550			

CODE
70.810

CODICE FORATURA MATRICI PER APPLICARE L'INSERTO SCHIACCIATORE 60.130

CODE OF DRILL HOLES IN THE DIE FOR USE OF SCREWABLE FLATTENING DIE 60.130



LENGTH	100	200	300	500
SECTION	550			

INDICE CODICE - INDEX CODE

CODE	α	PAGE	CODE	α	PAGE	CODE	α	PAGE	CODE	α	PAGE
10.300		35	15.018		34	25.116	60°	40	25.628	80°	42
10.301		35	15.050		32	25.200	84°	40	25.629	80°	42
10.302		35	15.310	60°	20	25.201	84°	40	25.630	80°	42
10.303		35	15.320	28°	23	25.202	84°	40	25.901	30°	42
10.304		35	15.330	86°	13	25.203	84°	40	25.902	30°	42
10.305		35	15.335	86°	13	25.204	84°	40	25.903	30°	42
10.306		35	15.370	86°	13	25.205	84°	40	25.904	30°	42
10.307		35	15.380	86°	12	25.206	84°	40	25.905	30°	42
10.308		35	15.450	28°	23	25.207	80°	40	25.906	30°	42
10.309		35	15.480	80°	20	25.208	80°	40	25.907	30°	42
10.310		35	15.610	28°	24	25.209	80°	40	25.908	30°	42
10.311		35	15.620	28°	24	25.210	80°	40	25.909	30°	42
10.312		35	15.630	86°	15	25.300	84°	40	25.992		48
10.313		35	15.635	86°	14	25.301	84°	40	25.994		48
10.314		35	15.670	86°	14	25.302	84°	40	25.995		48
10.315		35	15.680	60°	21	25.303	84°	40	40.002		35
10.316		35	15.700	86°	16	25.304	84°	40	40.500		33
10.317		35	15.710	86°	17	25.350	86°	40	40.510	160°	33
10.318		35	15.720	28°	25	25.400	30°	40	40.511	90°	33
10.319		35	15.730	60°	22	25.401	30°	40	40.516	90°	33
10.320		35	15.750	28°	26	25.402	30°	40	40.520	150°	33
10.321		35	15.755		28	25.403	30°	40	40.521	90°	33
10.322		35	15.760		28	25.404	30°	40	40.525	140°	33
10.323		35	15.761	28°	29	25.405	30°	40	40.526	90°	33
10.324		31	15.763	28°	29	25.406	30°	40	40.530	90°	33
10.325		35	15.765	28°	29	25.407	30°	40	40.535	90°	33
11.300		35	15.766	28°	29	25.408	30°	40	40.540	90°	33
11.301		35	15.767	28°	29	25.409	30°	40	40.545	90°	33
11.302		35	15.768	28°	29	25.410	30°	40	40.550	90°	33
11.303		35	15.769	28°	29	25.421	30°	40	40.555	90°	33
11.304		35	15.774	84°	29	25.422	30°	40	40.560	90°	33
11.305		35	15.776	86°	29	25.423	30°	40	40.565	90°	33
11.306		35	15.790	84°	19	25.424	30°	40	40.570	90°	33
11.307		35	15.800	86°	18	25.425	30°	40	40.575	90°	33
11.308		35	15.902	24°	48	25.500	30°	40	40.580	90°	33
11.309		35	15.904	24°	48	25.501	30°	40	40.585	90°	33
11.310		35	15.905	24°	48	25.502	30°	40	40.613	90°	33
11.311		35	25.100	86°	40	25.503	30°	40	40.614	90°	33
11.312		35	25.101	86°	40	25.504	30°	40	40.615	90°	33
11.313		35	25.102	86°	40	25.601	86°	42	60.120		49
11.314		35	25.103	86°	40	25.602	86°	42	60.130		49
11.315		31	25.104	86°	40	25.603	86°	42	70.130		10
11.316		35	25.105	86°	40	25.604	86°	42	70.714		11
11.317		35	25.106	86°	40	25.605	86°	42	70.715		11
11.318		35	25.107	86°	40	25.606	86°	42	70.716		11
11.319		35	25.108	86°	40	25.607	86°	42	70.717		11
11.320		35	25.109	86°	40	25.621	84°	42	70.718		11
11.321		35	25.110	86°	40	25.622	84°	42	70.719		11
11.322		35	25.111	80°	40	25.623	84°	42	70.800		49
11.323		35	25.112	80°	40	25.624	84°	42	70.810		49
11.324		35	25.113	80°	40	25.625	84°	42			
15.010		34	25.114	80°	40	25.626	84°	42			
15.014		34	25.115	80°	40	25.627	80°	42			

I NOSTRI CATALOGHI - OUR CATALOGS

**AMADA
PROMECAM**



RED LINE

TRUMPF



BLUE LINE

WILA



PLATINUM LINE

**BYSTRONIC
BEYELER**



ORANGE LINE

LVD



BLACK LINE

**AJIAL
AMERICAN
COLGAR
COLLY
HÄMMERLE
EHT
NEWTON
WEINBRENNER**



RAINBOW LINE

**NO
MARKING
TOOLS**



CORAL LINE

**ADAPTERS
FOR ALL
PRESS
BRAKES**



MAGENTA LINE

**SHEAR
BLADES**



YELLOW LINE

**ACCESSORIES
FOR ALL
PRESS
BRAKES**



GREEN LINE

**WORKING
MODIFICATION
REFURBISHED
TOOLING**



SILVER LINE

**SPECIAL
TOOLING
FOR ALL PRESS
BRAKES**



GOLD LINE

I CATALOGHI SONO DISPONIBILI SUL SITO WEB
THE CATALOGS ARE AVAILABLE ON THE WEBSITE
LOS CATÁLOGOS ESTÁN DISPONIBLES EN EL SITIO WEB
OS CATÁLOGOS ESTÃO DISPONÍVEIS NO SITE
LES CATALOGUES SONT DISPONIBLES SUR LE SITE WEB
DIE KATALOGE SIND AUF DER WEBSITE VERFÜGBAR



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