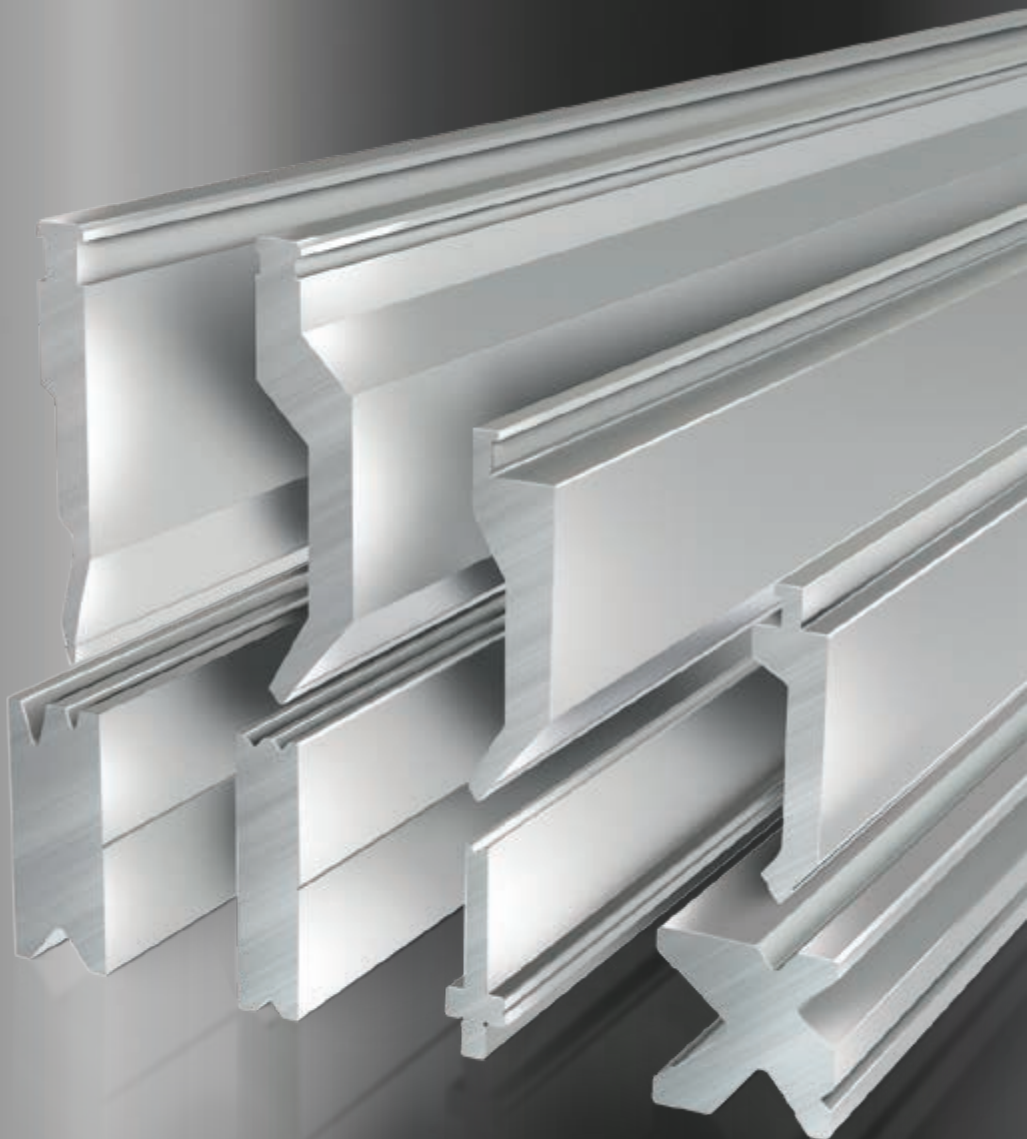




Tecnostamp



UTENSILI PER PRESSE PIEGATRICI



TOOLING FOR PRESS BRAKES



UTILLAJE PARA PLEGADORA



UTILLAJE PARA DOBRADEIRAS



OUTILS POUR PRESSE PLIEUSE



WERKZEUGE FÜR ABKANTPRESSEN



ED06

RAINBOW LINE

EHT - WEINBRENNER - NEWTON - AMERICAN STYLE

www.tecnostamp.eu



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/dobradeiras 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 scher. 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



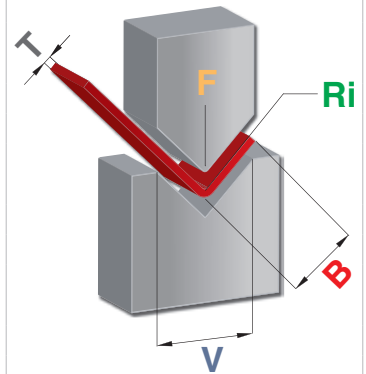
TABELLA DI PIEGATURA

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 ESPESOR / 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

	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 VERSCHLEISSSCHUTZ 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 ZONDA 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 ZONDA 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 ZONDA 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 EHT

SUPPORTI EHT E LAME



RAINBOW LINE

EHT - WEINBRENNER - NEWTON - AMERICAN STYLE

PUNZONI - PUNCHES - PUNZONES

PUNÇÕES - POINÇONS - OBERWERKZEUGE

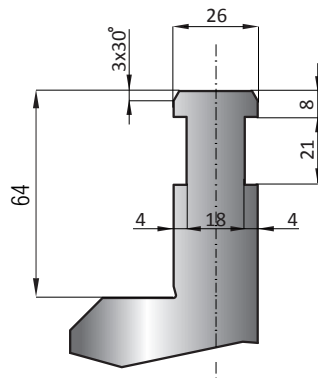
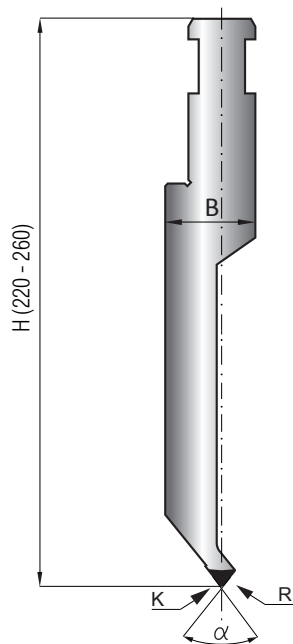
LAME E SUPPORTO PER LAME - BLADES AND BLADES HOLDER

CUCHILLAS Y SOPORTES - SUPORTES E LÂMINAS

LAMES ET SUPPORTS LAMES - KLINGENHALTER UND KLINGEN

PUNZONI EHT

I PUNZONI SONO PRODOTTI A RICHIESTA NELLE LUNGHEZZE DI: 2100 mm, 2600 mm, 3100 mm, 3600 mm E 4100 mm (FRAZIONATI)
THE PUNCHES ARE PRODUCED ON REQUEST IN THE FOLLOWING LENGTHS: 2100 mm, 2600 mm, 3100 mm, 3600 mm AND 4100 mm (SECTIONED)
LOS PUNZONES ESTÁN PRODUCTOS A PETICIÓN Y EN LONGITUDES DE: 2100 mm, 2600 mm, 3100 mm, 3600 mm Y 4100 mm (FRACCIONADOS)
OS PUNÇÕES SÃO FABRICADOS A PEDIDO EMS COMPRIMENTOS DE: 2100 mm, 2600 mm, 3100 mm, 3600 mm E 4100 mm (FRACIONADOS)
LES POINÇONS SONT FABRIQUÉS À LA DEMANDE EN LONGUEURS: 2100 mm, 2600 mm, 3100 mm, 3600 mm ET 4100 mm (FRACTIONNÉS)
OBERWERKZEUGE SIND IN PRODUKTE LÄNGEN AB AUF ANFRAGE: 2100 mm, 2600 mm, 3100 mm, 3600 mm UND 4100 mm (SEKTIONIERTE LÄNGE)



86°
78°
26°

LENGTH	2100	2600	3100	3600
SECTION				

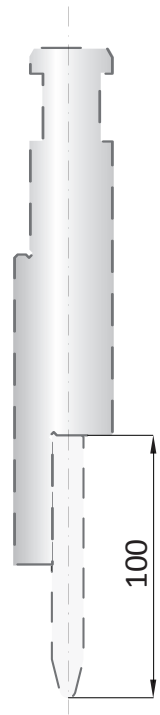
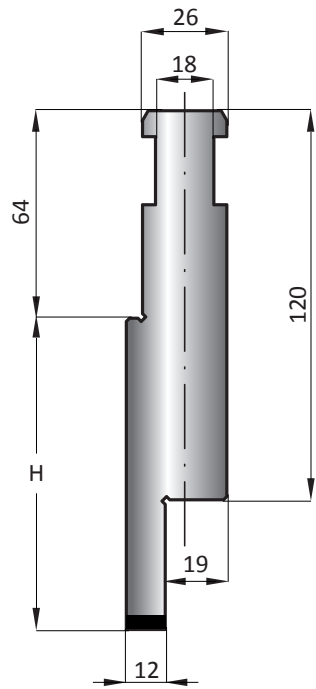
LEGENDA	LEGEND	LEYENDA	LEGENDA	LÉGENDE	LEGENDE
H =	ALTEZZA	HEIGHT	ALTURA	HAUTEUR	STEMPELHÖHE
α =	ANGOLO	ANGLE	ÂNGULO	ANGLE	WINKEL
R =	RAGGIO	RADIUS	RADIO	RAYON	RADIUS
K =	PARTI USURABILI	WEAR PARTS	ZONA DE DESGASTE	ZONES D'USURE	VERSCHLEISSTEILE



SUPPORTO PER LAME EHT

SCHEMA DI MONTAGGIO - ASSEMBLY SCHEME - ESQUEMA DE MONTAJE - ESQUEMA DE MONTAGEM - SCHÉMA DE MONTAGE - MONTAGESCHEMA

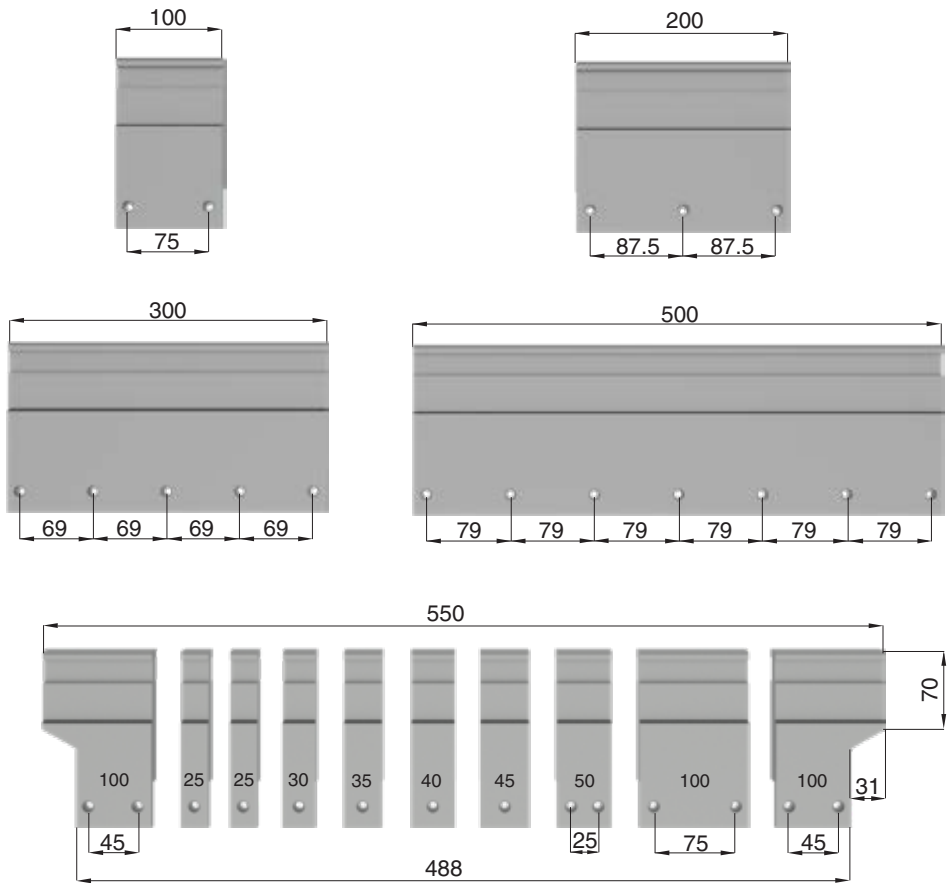
CODE	α	R	H	T/Mt	Mt
17.070			96.00	100	



LAMA
BLADE
CUCHILLA
LÂMINAS
LAMES
KLINGEN

LENGTH	100	200	300	500
SECTION	550			

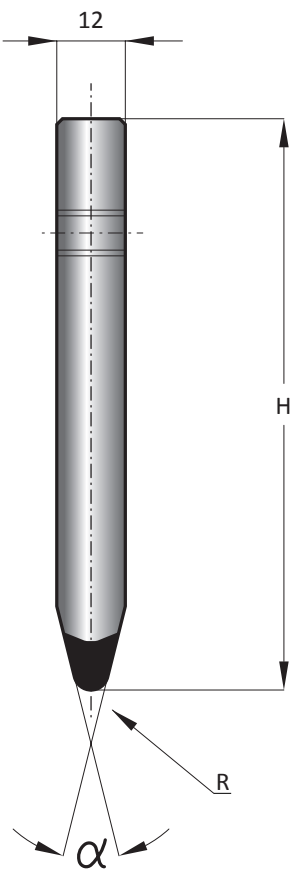
LUNGHEZZA STANDARD - STANDARD LENGTH - LONGITUD STANDARD - COMPRIMENTO PADRÃO - LONGUEUR STANDARD - STANDARD - LÄNGE
LUNGHEZZA FRAZIONATO - SECTIONED LENGTH - LONGITUD FRACCIONADO - COMPRIMENTO FRACIONADO - LONGUEUR FRACTIONNÉE - SEKTIONIERT LÄNGE



LAME 90° / 86° / 84° / 28°

LAMA -BLADE - CUCHILLA - LÂMINAS - LAMES - KLINGEN

CODE	α	R	H	T/Mt	Mt
15.788	90°	2.00	100.00	100	
15.787	90°	1.50	100.00	100	
15.784	90°	1.00	100.00	100	
15.782	90°	0.50	100.00	100	
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	

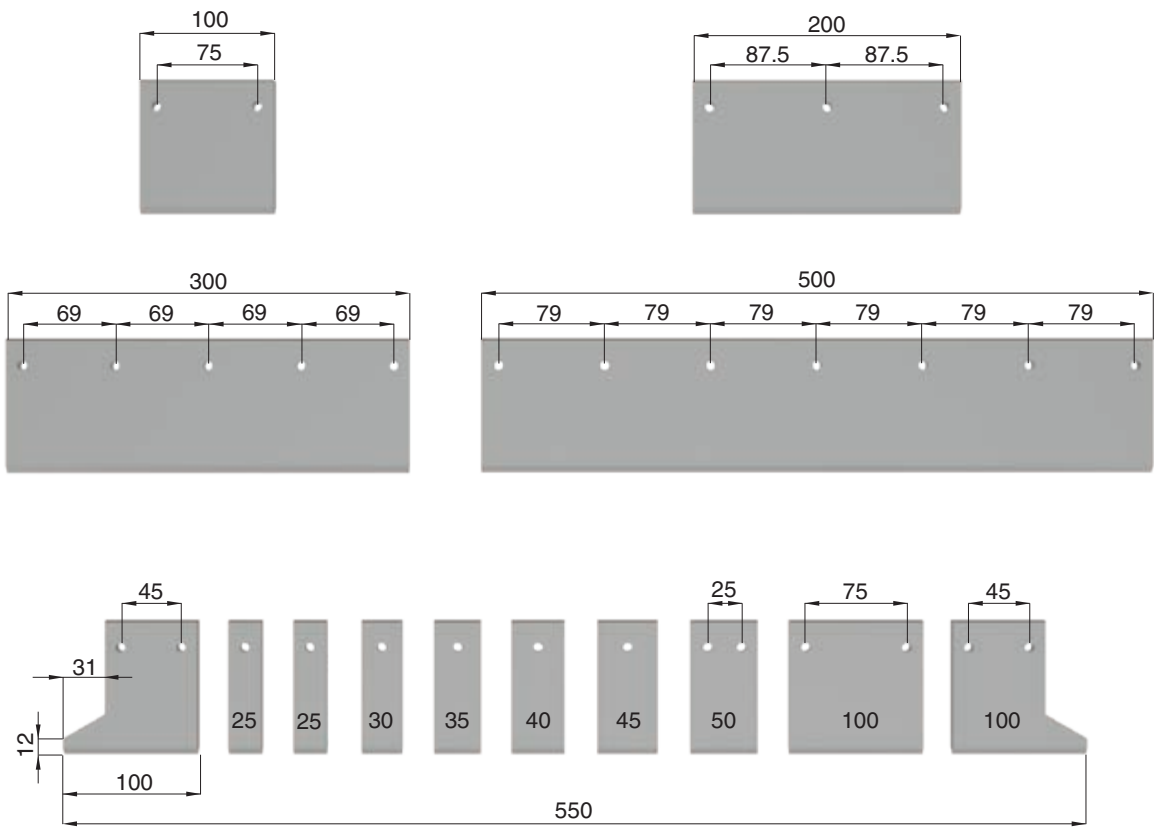


90°
86°
84°
28°

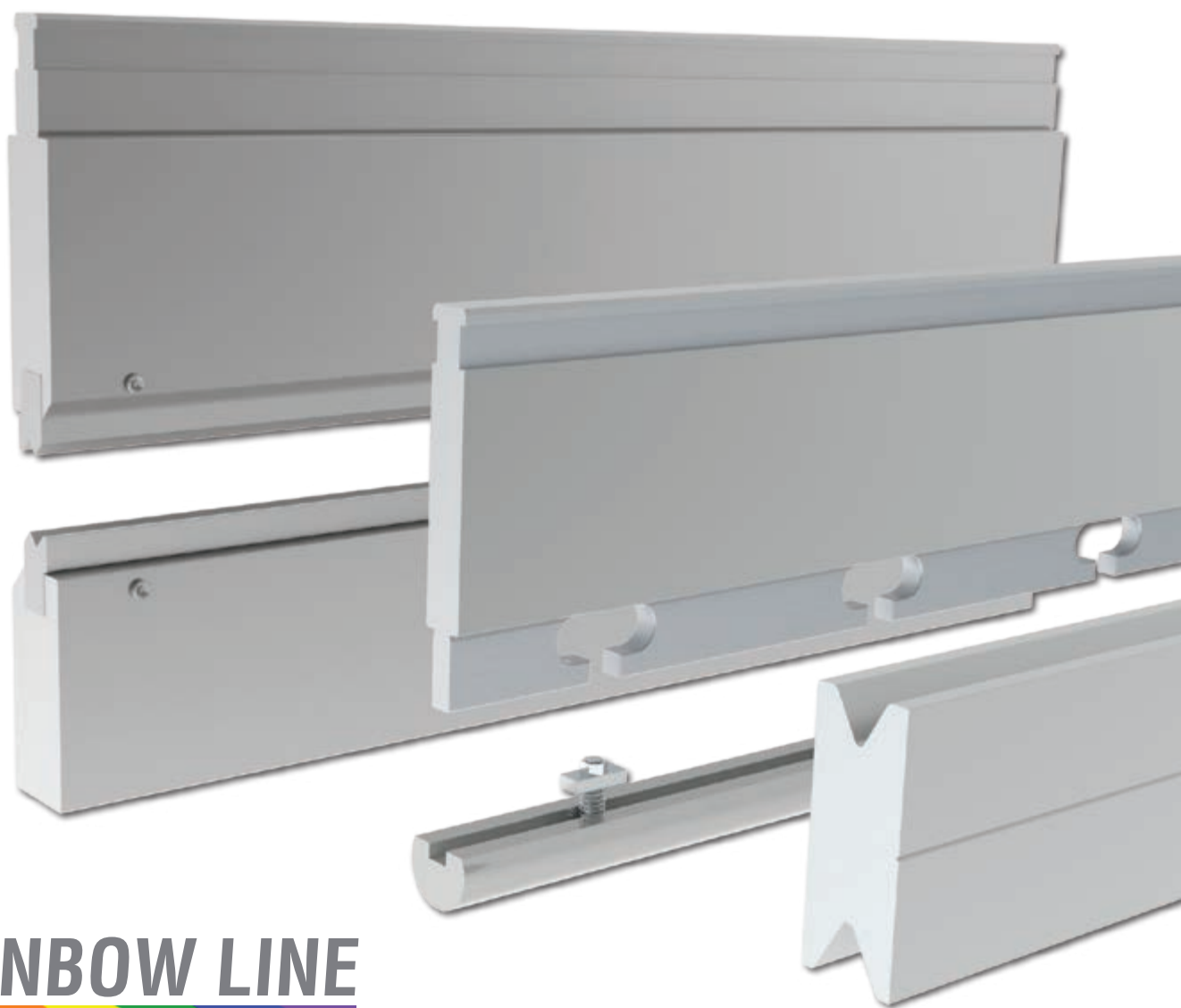
LENGTH	100	200	300	500
SECTION	550			

LUNGHEZZA STANDARD - STANDARD LENGTH - LONGITUD STANDARD - COMPRIMENTO PADRÃO - LONGUEUR STANDARD - STANDARD - LÄNGE

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



CONTENITORI E SUPPORTI EHT INSERTI RAGGIATI E INSERTI A Z MATRICI EHT



RAINBOW LINE

EHT - WEINBRENNER - NEWTON - AMERICAN STYLE

CONTENITORI 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

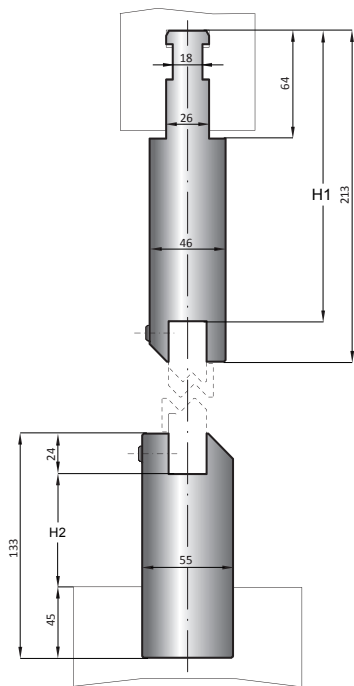
OUTILS EN Z ET INSERTS RAYON - Z-WERKZEUGEINSÄTZE UND RADIENTLINEALE

MATRICI - DIES - MATRICES - MATRIZES - MATRICES - MATRIZEN

CONTENITORI PER INSERTI A Z EHT

CONTENITORI 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
17.050	189	64	100	



LENGTH 415 835



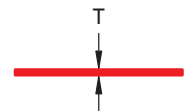
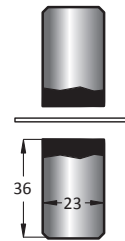
	LEGENDA	LEGEND	LEYENDA	LEGENDA	LÉGENDE	LEGENDE
Z	= SALTO A Z	Z OFFSET	SALTO DE Z	DEGRAU DO Z	TAILLE DU Z	Z-GRÖSSE
α	= ANGOLO	ANGLE	ÂNGULO	ÂNGULO	ANGLE	WINKEL
T	= SPESSORE MAX	MAX THICKNESS	ESPEJOR MÁXIMO	ESPESSURA MÁXIMA	EPAISSEUR MAX	MAX. BLECHSTÄRKE
T/mt	= CARICO MAX	MAX LOAD	TONELAJE MÁXIMO	TONELAGEM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



INSERTI A Z

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	



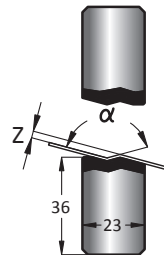
LENGTH | 415 835

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°

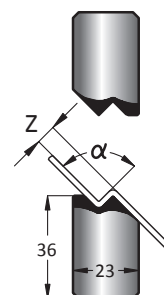
140°



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	

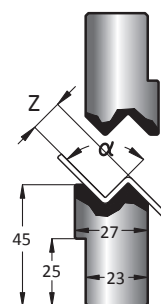
90°



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	

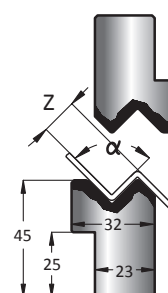
90°



LENGTH | 415 835

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

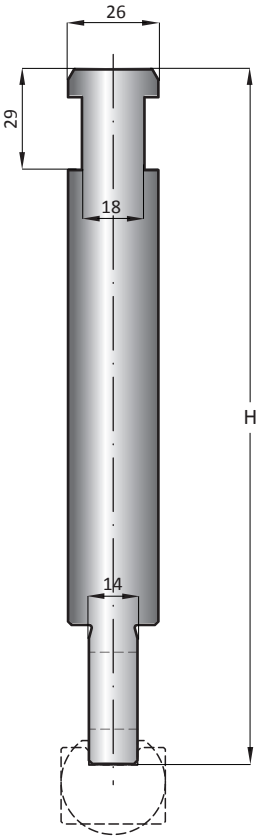
90°



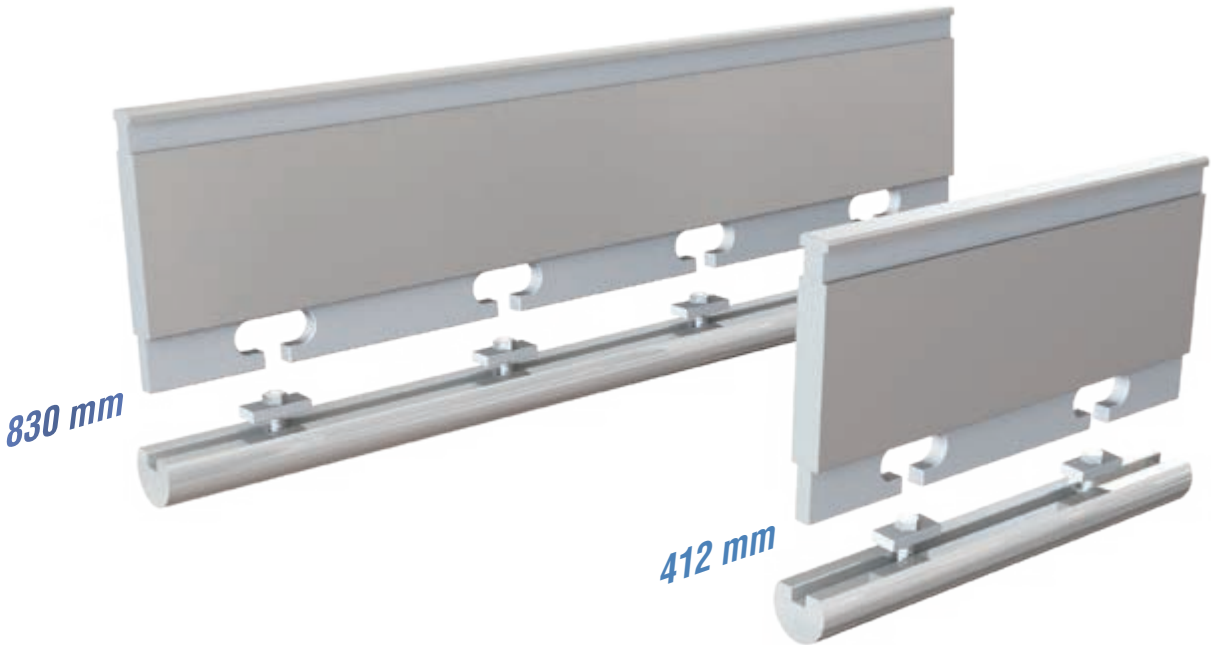
LENGTH | 415 835

SUPPORTI PER INSERTI RAGGIATI / PIANI EHT

CODE	H	T/Mt	Mt
17.010	200.00	80	



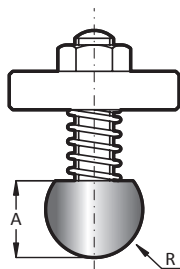
LENGTH | 412 830



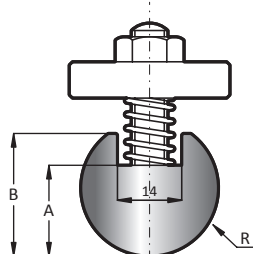
INSERTI RAGGIATI / PIANI

INSERTI RAGGIATI/PIANI - RADIUS/PLAN INSERTS - INSERTOS DE RADIO/PLANO - INSERTOS DE RAI/O/PLANO - INSERTS RAYON/PLAN - WERKZEUGTRÄGER FÜR RADIIENLINEALE/ZUDRÜCKEINSÄTZE

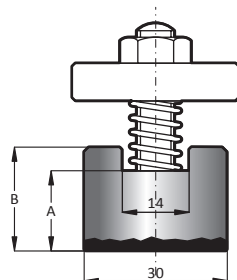
ACCIAIO - STEEL C45



LENGTH 415 835



LENGTH 415 835



LENGTH 415 835

CODE	Mt	R	A	B
10.300		7.00	11.50	
10.301		7.50	11.50	
10.302		8.00	13.00	
10.303		9.00	16.00	
10.304		10.00	16.00	
10.305		11.00	16.00	
10.306		11.50	19.00	
10.307		12.00	20.00	

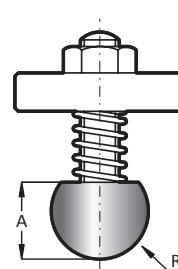
10.308		12.50	16.00	21.00
10.309		13.00	17.00	23.00
10.310		14.00	19.00	25.00
10.311		15.00	20.00	27.00
10.312		16.00	21.00	28.00
10.313		17.00	21.50	31.50
10.314		17.50	22.00	32.00
10.315		19.00	25.00	32.00
10.316		20.00	24.00	34.00
10.317		22.50	25.00	33.00
10.318		25.00	29.00	39.00
10.319		27.50	34.00	44.00
10.320		30.00	34.00	44.00
10.321		35.00	45.00	55.00
10.322		40.00	45.00	55.00
10.323		45.00	50.00	60.00
10.324		50.00	54.00	64.00

10.325

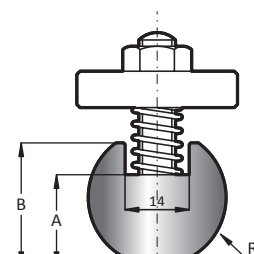
17.00 22.00

CODE	Mt
11.300	
11.301	
11.302	
11.303	
11.304	
11.305	
11.306	
11.307	

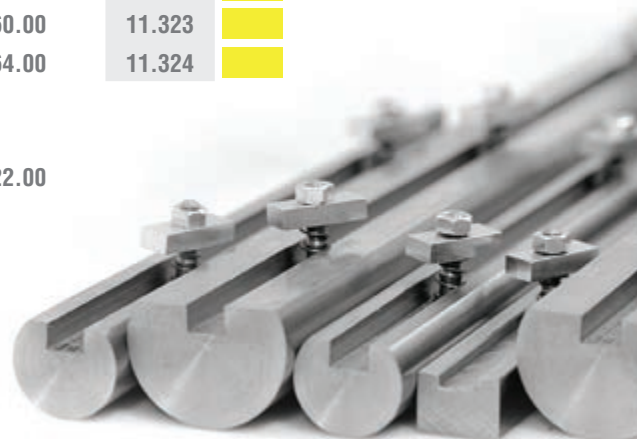
ACCIAIO - STEEL 42CrMo4 (UNI EN 10083-93)
NITRURATO - NITRIDED 60-62 HRC



LENGTH 415 835



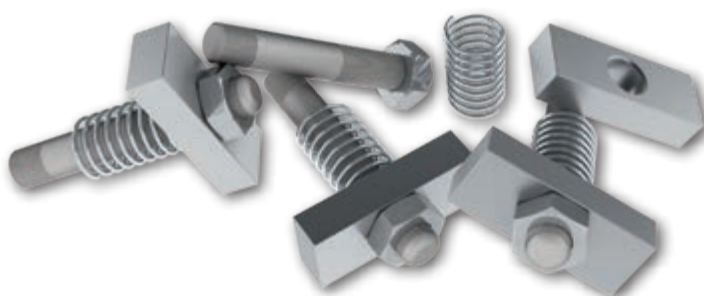
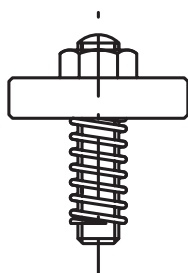
LENGTH 415 835



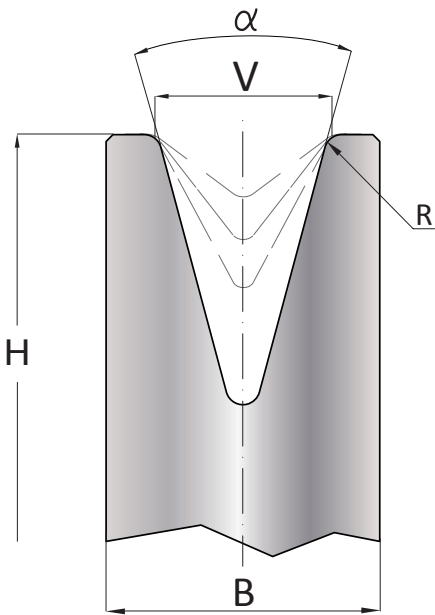
PARTI DI RICAMBIO - SPARE PARTS - RECAMBIOS - PEÇAS DE SUBSTITUIÇÃO - PIÈCES DE RECHANGE - ERSATZTEILE

CODE

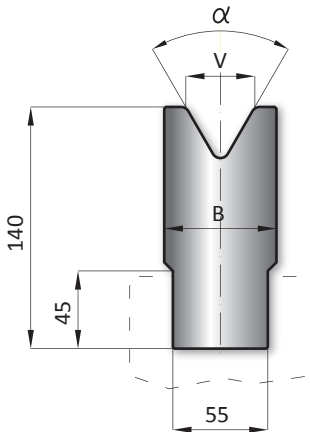
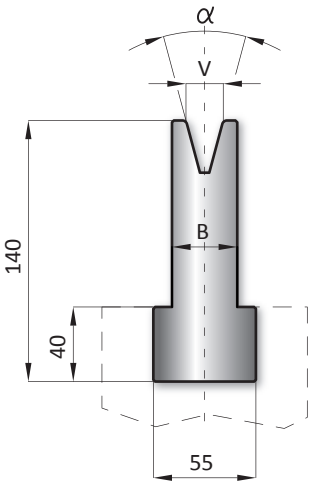
40.002



LE MATRICI SONO PRODOTTE A RICHIESTA NELLE LUNGHEZZE DI: 2100 mm, 2600 mm, 3100 mm, 3600 mm E 4100 mm (FRAZIONATI)
THE DIES ARE PRODUCED ON REQUEST IN THE FOLLOWING LENGTHS: 2100 mm, 2600 mm, 3100 mm, 3600 mm AND 4100 mm (SECTIONED)
LAS MATRICES ESTÁN PRODUCTOS A PETICIÓN Y EN LONGITUDES DE: 2100 mm, 2600 mm, 3100 mm, 3600 mm Y 4100 mm (FRACCIONADOS)
AS MATRIZES ESTÃO DISPONÍVEIS NOS COMPRIMENTOS: 2100 mm, 2600 mm, 3100 mm, 3600 mm E 4100 mm (FRACIONADOS)
LES MATRICES SONT FABRIQUÉES À LA DEMANDE EN LONGUEURS: 2100 mm, 2600 mm, 3100 mm, 3600 mm ET 4100 mm (FRACTIONNÉES)
MATRIZEN SIND IN PRODUKTE LÄNGEN AB AUF ANFRAGE: 2100mm, 2600 mm, 3100 mm, 3600 mm UND 4100 mm (SEKTIONIERTE LÄNGE)



60°
30°



LENGTH	SECTION
2100	2600
3100	3600
4100	

	LEGENDA	LEGEND	LEYENDA	LEGENDA	LÉGENDE	LEGENDE
H	=	ALTEZZA	HEIGHT	ALTURA	HAUTEUR	STEMPELHÖHE
α	=	ANGOLO	ANGLE	ÂNGULO	ÂNGULO	WINKEL
R	=	RAGGIO	RADIUS	RADIO	RAIO	RAYON
K	=	PARTI USURABILI	WEAR PARTS	ZONA DE DESGASTE	ZONA DE DESGASTE	ZONES D'USURE
B	=	BASE	WIDTH	BASE	BASE	BREITE
V	=	AMPIEZZA CAVA	DIE OPENING	APERTURA DE V	ABERTURA DO V	LARGEUR DU VE

MODELLI SU RICHIESTA - MODELS ON REQUEST - MODELOS A PETICIÓN - MODELOS A PEDIDO - MODÈLES SUR DEMANDE - MODELS AUF ANFRAGE

CODE
J

CODE
K

CODE
U

CODE
W

CODE
X

CODE
Y

CODE
Z

PUNZONI WEINBRENNER

SUPPORTI WEINBRENNER E LAME



RAINBOW LINE

EHT - WEINBRENNER - NEWTON - AMERICAN STYLE

PUNZONI - PUNCHES - PUNZONES

PUNÇÕES - POINÇONS - OBERWERKZEUGE

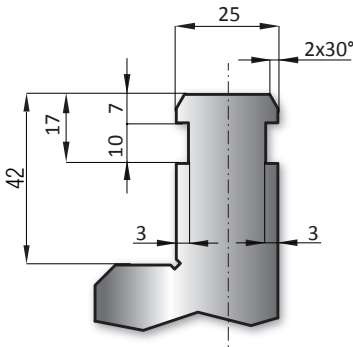
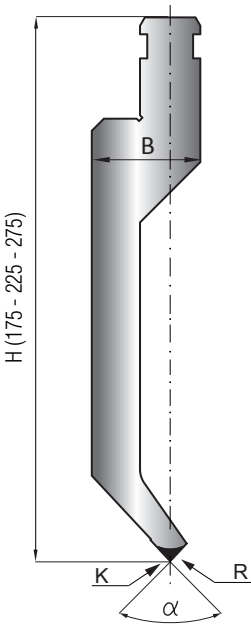
LAME E SUPPORTO PER LAME - BLADES AND BLADES HOLDER

CUCHILLAS Y SOPORTES - SUPORTES E LÂMINAS

LAMES ET SUPPORTS LAMES - KLINGENHALTER UND KLINGEN

PUNZONI WEINBRENNER

I PUNZONI SONO PRODOTTI A RICHIESTA NELLE LUNGHEZZE DI: 2050 mm, 2550 mm, 3050 mm, 3550 mm E 4050 mm (FRAZIONATI)
THE PUNCHES ARE PRODUCED ON REQUEST IN THE FOLLOWING LENGTHS: 2050 mm, 2550 mm, 3050 mm, 3550 mm AND 4050 mm (SECTIONED)
LOS PUNZONES ESTÁN PRODUCTOS A PETICIÓN Y EN LONGITUDES DE: 2050 mm, 2550 mm, 3050 mm, 3550 mm Y 4050 mm (FRACCIONADOS)
OS PUNÇÕES SÃO FABRICADOS A PEDIDO EMS COMPRIMENTOS DE: 2050 mm, 2550 mm, 3050 mm, 3550 mm E 4050 mm (FRACIONADOS)
LES POINÇONS SONT FABRIQUÉS À LA DEMANDE EN LONGUEURS: 2050 mm, 2550 mm, 3050 mm, 3550 mm ET 4050 mm (FRACTIONNÉS)
OBERWERKZEUGE SIND IN PRODUKTE LÄNGEN AB AUF ANFRAGE: 2050 mm, 2550 mm, 3050 mm, 3550 mm UND 4050 mm (SEKTIONIERTE LÄNGE)



90°
86°
60°
28°

LENGTH					
SECTION	2050	2550	3050	3550	4050

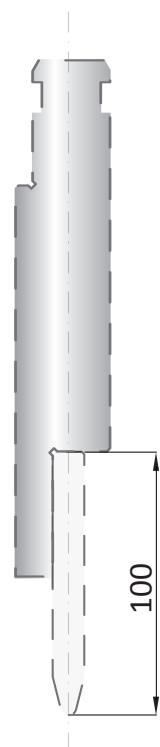
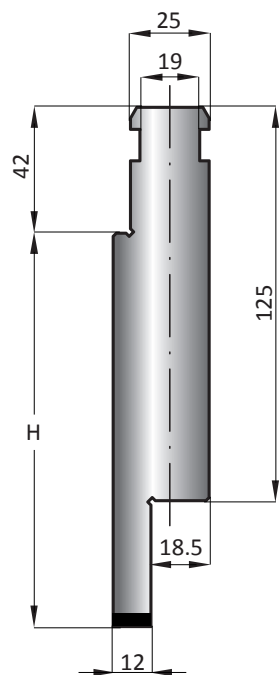
LEGENDA	LEGEND	LEYENDA	LEGENDA	LÉGENDE	LEGENDE
H = ALTEZZA	HEIGHT	ALTURA	ALTURA	HAUTEUR	STEMPELHÖHE
α = ANGOLO	ANGLE	ÂNGULO	ÂNGULO	ANGLE	WINKEL
R = RAGGIO	RADIUS	RADIO	RAIO	RAYON	RADIUS
K = PARTI USURABILI	WEAR PARTS	ZONA DE DESGASTE	ZONA DE DESGASTE	ZONES D'USURE	VERSCHLEISSTEILE



SUPPORTO PER LAME WEINBRENNER

SCHEMA DI MONTAGGIO - ASSEMBLY SCHEME - ESQUEMA DE MONTAJE - ESQUEMA DE MONTAGEM - SCHÉMA DE MONTAGE - MONTAGESCHEMA

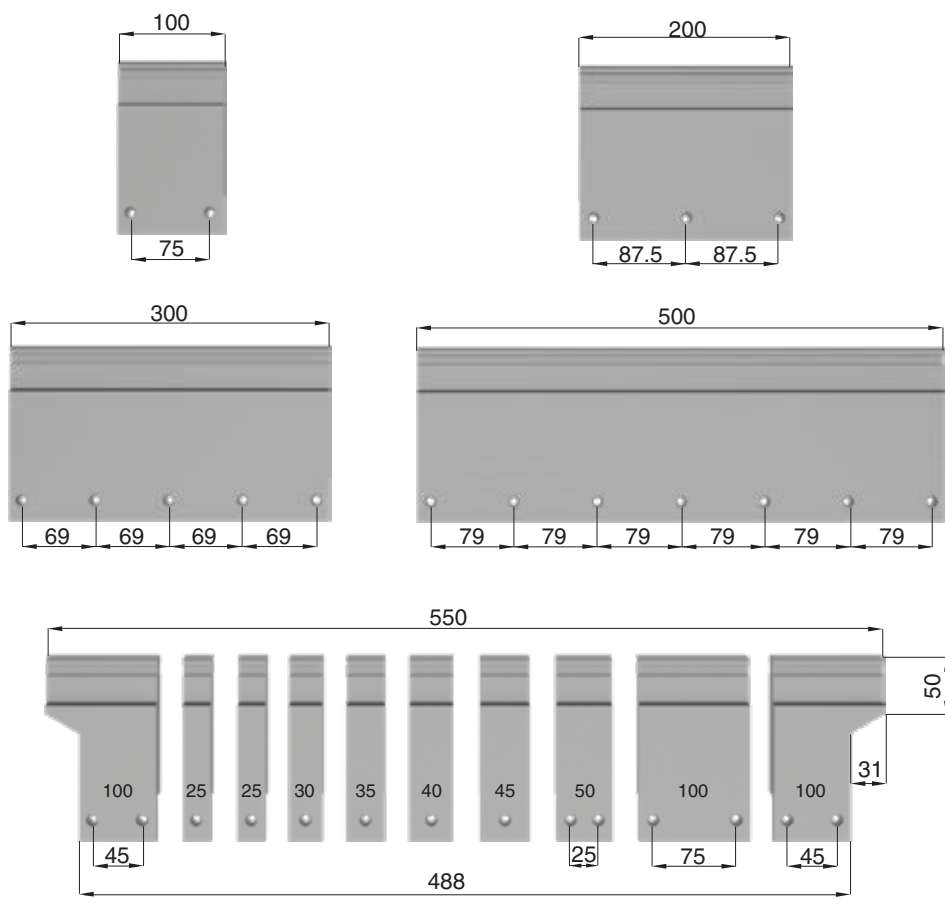
CODE	α	R	H	T/Mt	Mt
17.570			123.00	100	



LAMA
BLADE
CUCHILLA
LÂMINAS
LAMES
KLINGEN

LENGTH	100	200	300	500
SECTION	550			

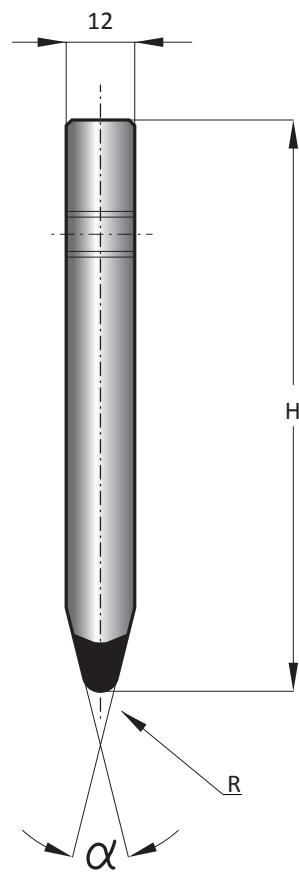
LUNGHEZZA STANDARD - STANDARD LENGTH - LONGITUD STANDARD - COMPRIMENTO PADRÃO - LONGUEUR STANDARD - STANDARD - LÄNGE
LUNGHEZZA FRAZIONATO - SECTIONED LENGTH - LONGITUD FRACCIONADO - COMPRIMENTO FRACIONADO - LONGUEUR FRACTIONNÉE - SEKTIONIERT LÄNGE



LAME 90° / 86° / 84° / 28°

LAMA - BLADE - CUCHILLA - LÂMINAS - LAMES - KLINGEN

CODE	α	R	H	T/Mt	Mt
15.788	90°	2.00	100.00	100	
15.787	90°	1.50	100.00	100	
15.784	90°	1.00	100.00	100	
15.782	90°	0.50	100.00	100	
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	

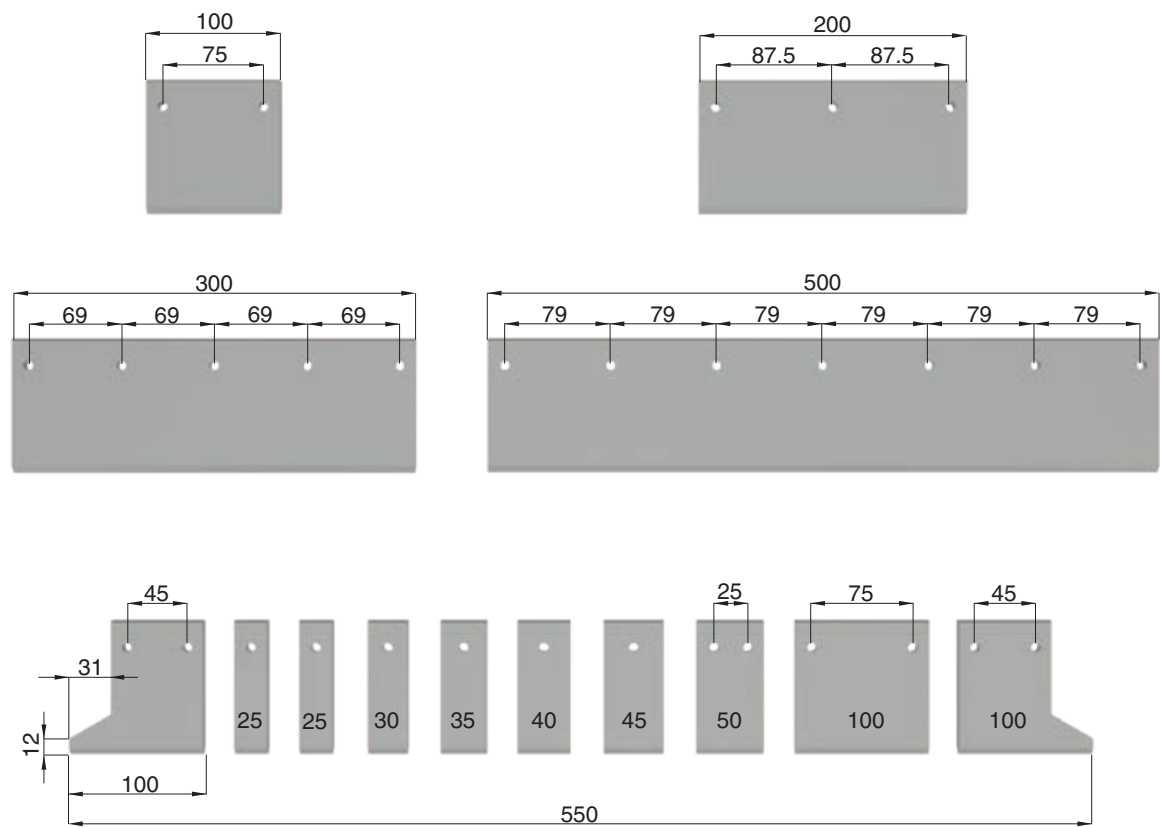


90°
86°
84°
28°

LENGTH	100	200	300	500
SECTION	550			

LUNGHEZZA STANDARD - STANDARD LENGTH - LONGITUD STANDARD - COMPRIMENTO PADRÃO - LONGUEUR STANDARD - STANDARD - LÄNGE

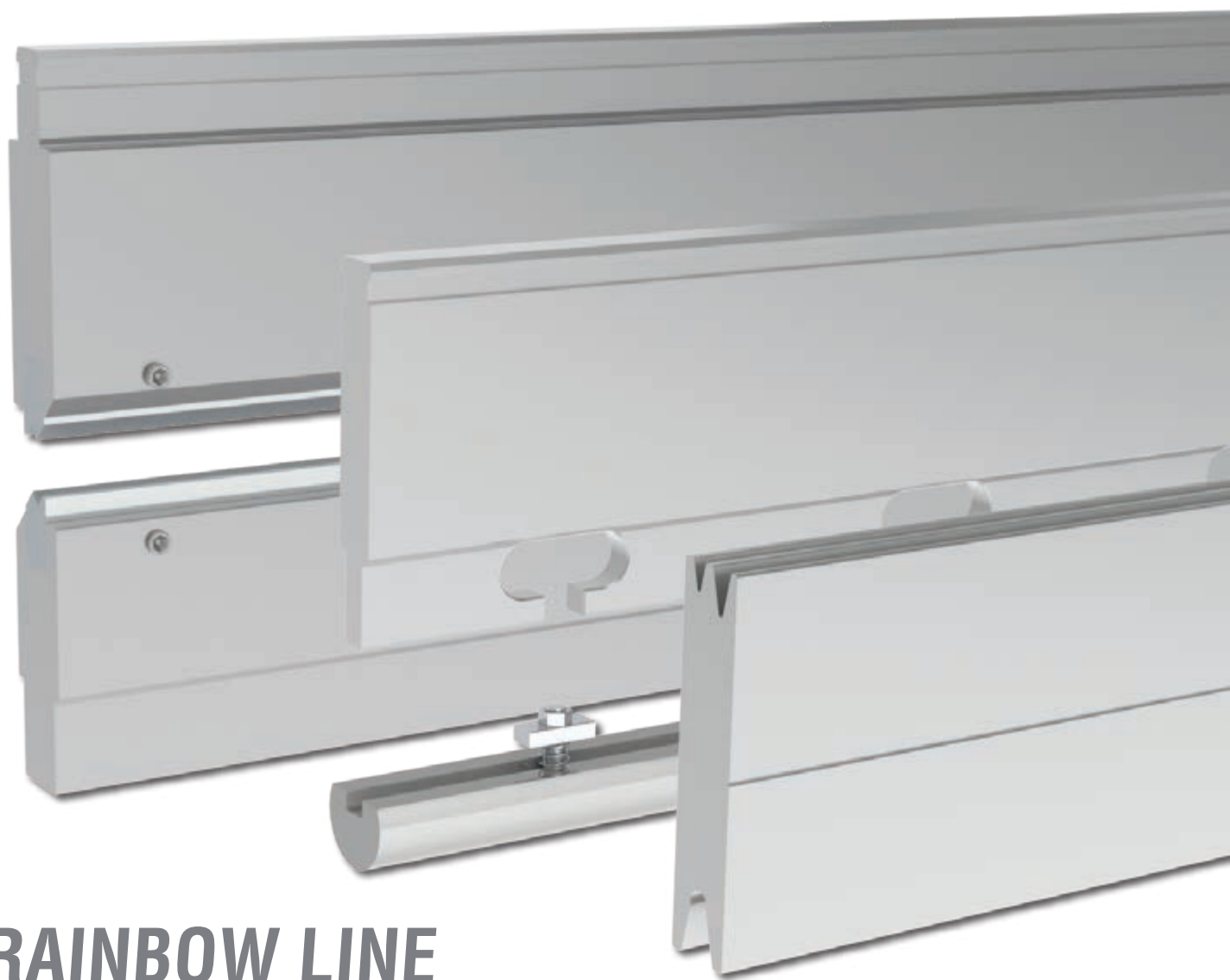
LUNGHEZZA FRAZIONATO - SECTIONED LENGTH - LONGITUD FRACCIONADO - COMPRIMENTO FRACIONADO - LONGUEUR FRACTIONNÉE - SEKTIONIERT LÄNGE



CONTENITORI E SUPPORTI WEINBRENNER

INSERTI RAGGIATI E INSERTI A Z

MATRICI WEINBRENNER



RAINBOW LINE

EHT - WEINBRENNER - NEWTON - AMERICAN STYLE

CONTENITORI 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

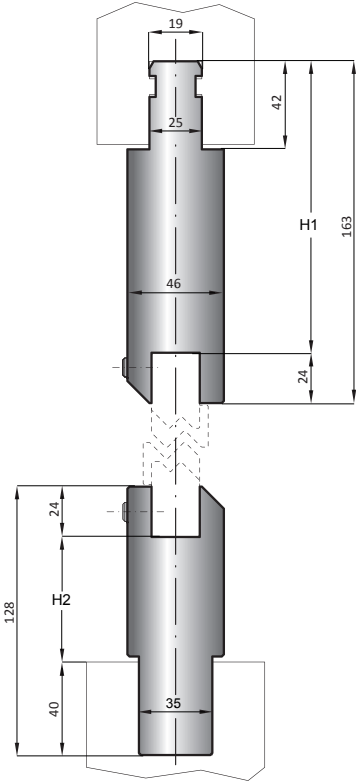
OUTILS EN Z ET INSERTS RAYON - Z-WERKZEUGEINSÄTZE UND RADIENLINEALE

MATRICI - DIES - MATRICES - MATRIZES - MATRICES - MATRIZEN

CONTENITORI PER INSERTI A Z WEINBRENNER

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

CODE	H1	H2	T/Mt	Mt
17.550	139	64	100	



LENGTH 415 835



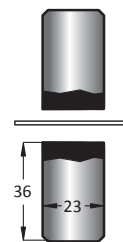
	LEGENDA	LEGEND	LEYENDA	LEGENDA	LÉGENDE	LEGENDE
Z	= SALTO A Z	Z OFFSET	SALTO DE Z	DEGRAU DO Z	TAILLE DU Z	Z-GRÖSSE
α	= ANGOLO	ANGLE	ÂNGULO	ÂNGULO	ANGLE	WINKEL
T	= SPESSORE MAX	MAX THICKNESS	ESPEJOR MÁXIMO	ESPESSURA MÁXIMA	EPAISSEUR MAX	MAX. BLECHSTÄRKE
T/mt	= CARICO MAX	MAX LOAD	TONELAJE MÁXIMO	TONELAGEM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



INSERTI A Z

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

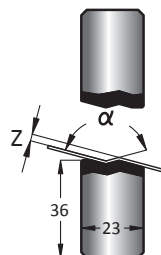
CODE	Z	α	T	T/Mt	Mt
40.500				100	



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	

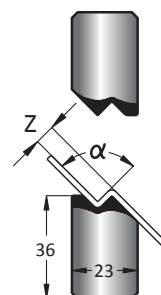
160°
150°
140°



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	

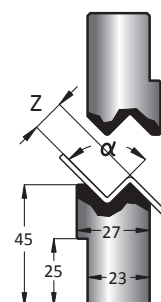
90°



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	

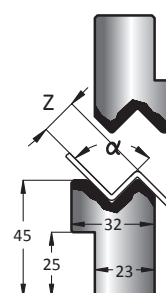
90°



LENGTH | 415 835

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

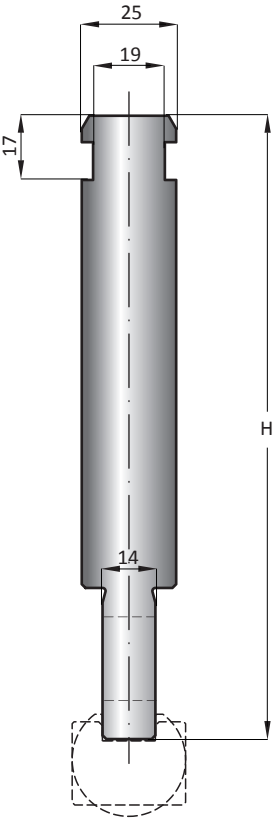
90°



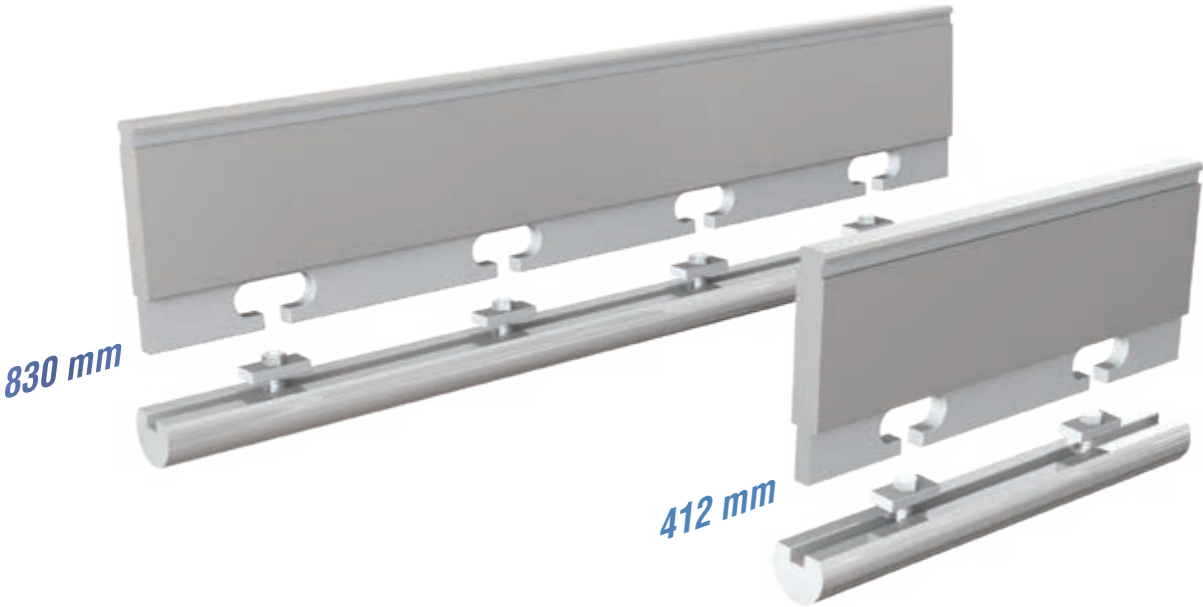
LENGTH | 415 835

SUPPORTI PER INSERTI RAGGIATI / PIANI WEINBRENNER

CODE	H	T/Mt	Mt
17.510	165.00	80	



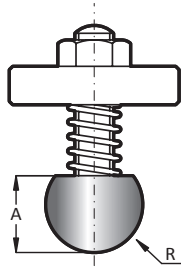
LENGTH | 412 830



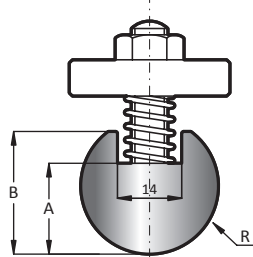
INSERTI RAGGIATI / PIANI

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

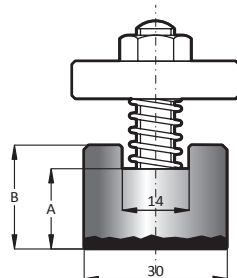
ACCIAIO - STEEL C45



LENGTH 415 835



LENGTH 415 835



LENGTH 415 835

CODE	Mt	R	A	B
10.300		7.00	11.50	
10.301		7.50	11.50	
10.302		8.00	13.00	
10.303		9.00	16.00	
10.304		10.00	16.00	
10.305		11.00	16.00	
10.306		11.50	19.00	
10.307		12.00	20.00	

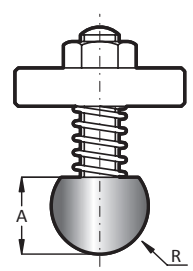
10.308		12.50	16.00	21.00
10.309		13.00	17.00	23.00
10.310		14.00	19.00	25.00
10.311		15.00	20.00	27.00
10.312		16.00	21.00	28.00
10.313		17.00	21.50	31.50
10.314		17.50	22.00	32.00
10.315		19.00	25.00	32.00
10.316		20.00	24.00	34.00
10.317		22.50	25.00	33.00
10.318		25.00	29.00	39.00
10.319		27.50	34.00	44.00
10.320		30.00	34.00	44.00
10.321		35.00	45.00	55.00
10.322		40.00	45.00	55.00
10.323		45.00	50.00	60.00
10.324		50.00	54.00	64.00

10.325

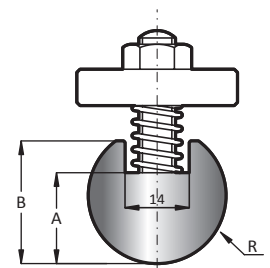
17.00 22.00

CODE	Mt
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11.301	
11.302	
11.303	
11.304	
11.305	
11.306	
11.307	

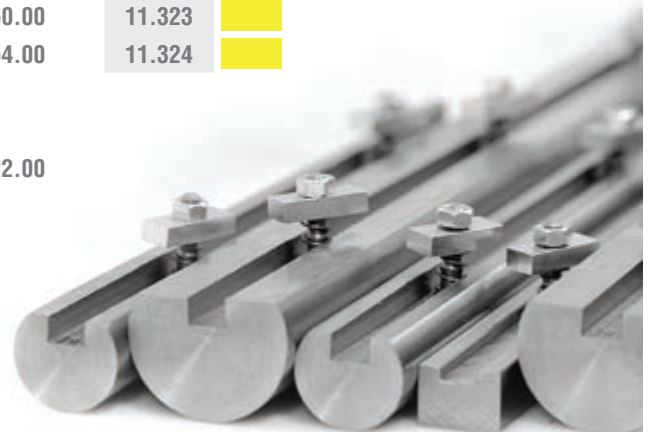
ACCIAIO - STEEL 42CrMo4 (UNI EN 10083-93)
NITRURATO - NITRIDED 60-62 HRC



LENGTH 415 835



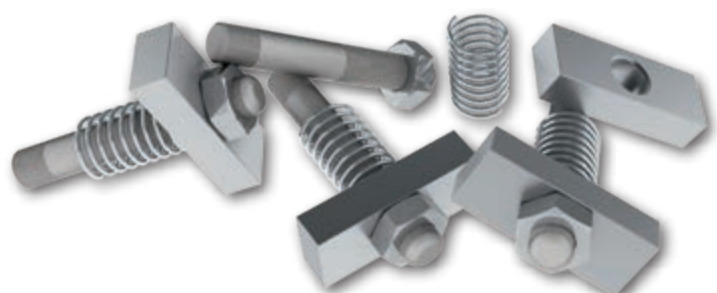
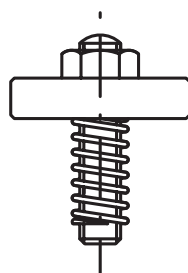
LENGTH 415 835



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

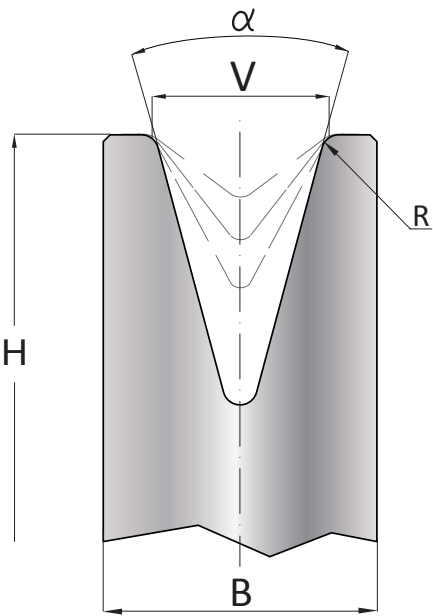
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40.002

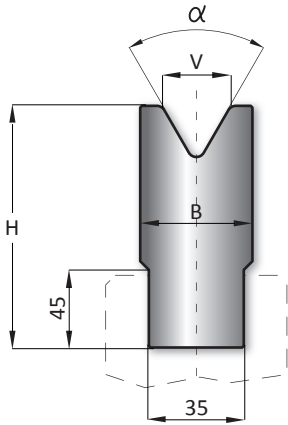
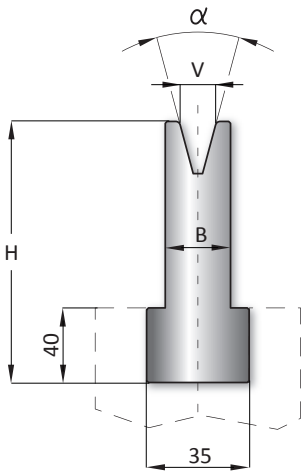


MATRICI WEINBRENNER

LE MATRICI SONO PRODOTTE A RICHIESTA NELLE LUNGHEZZE DI: 2050 mm, 2550 mm, 3050 mm, 3550 mm E 4050 mm (FRAZIONATI)
THE DIES ARE PRODUCED ON REQUEST IN THE FOLLOWING LENGTHS: 2050 mm, 2550 mm, 3050 mm, 3550 mm AND 4050 mm (SECTIONED)
LAS MATRICES ESTÁN PRODUCTOS A PETICIÓN Y EN LONGITUDES DE: 2050 mm, 2550 mm, 3050 mm, 3550 mm Y 4050 mm (FRACCIONADOS)
AS MATRIZES SÃO FABRICADAS A PEDIDO E EM COMPRIMENTOS DE: 2050 mm, 2550 mm, 3050 mm, 3550 mm E 4050 mm (FRACIONADOS)
LES MATRICES SONT FABRIQUÉES À LA DEMANDE EN LONGUEURS: 2050 mm, 2550 mm, 3050 mm, 3550 mm ET 4050 mm (FRACTIONNÉES)
MATRIZEN SIND IN PRODUKTE LÄNGEN AB AUF ANFRAGE: 2050 mm, 2550 mm, 3050 mm, 3550 mm UND 4050 mm (SEKTIONIERTE LÄNGE)



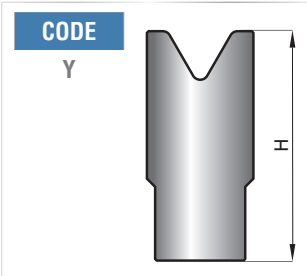
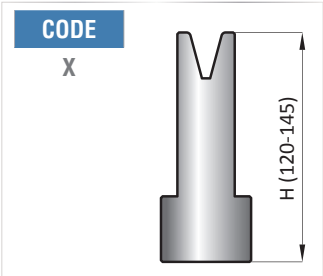
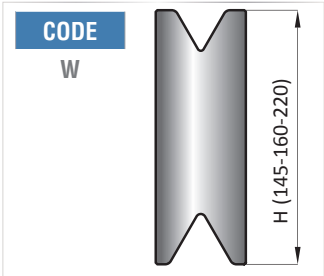
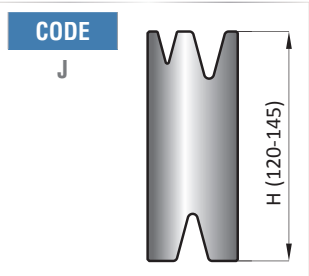
60°
30°



LENGTH					
SECTION	2050	2550	3050	3550	4050

	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	ZONA 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 DU VE	ÖFFNUNGSWEITE

MODELLI SU RICHIESTA - MODELS ON REQUEST - MODELOS A PETICIÓN - MODELOS A PEDIDO - MODÈLES SUR DEMANDE - MODELS AUF ANFRAGE



PUNZONI NEWTON

MATRICI NEWTON



RAINBOW LINE

EHT - WEINBRENNER - NEWTON - AMERICAN STYLE

PUNZONI - PUNCHES - PUNZONES

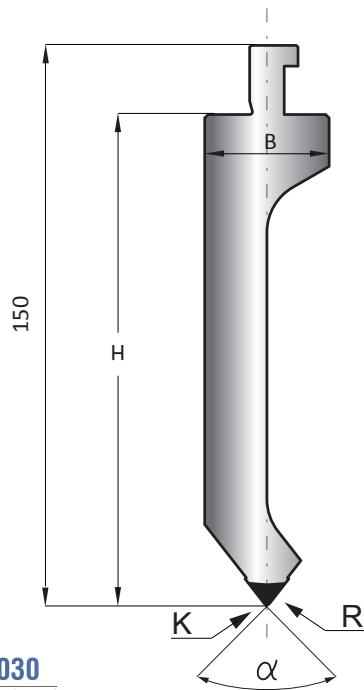
PUNÇÕES - POINÇONS - OBERWERKZEUGE

MATRICI - DIES - MATRICES

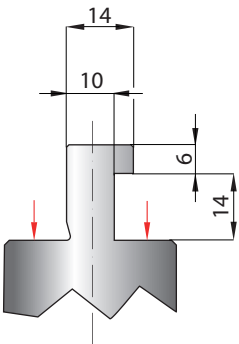
MATRIZES - MATRICES - MATRIZEN

PUNZONI NEWTON

I PUNZONI STANDARD SONO PRODOTTI A RICHIESTA NELLE LUNGHEZZE DI: 510 mm, 1030 mm E FRAZIONATI (1010 mm)
THE PUNCHES ARE PRODUCED ON REQUEST IN THE FOLLOWING STANDARD LENGTHS: 510 mm, 1030 mm AND SECTIONED (1010 mm)
LOS PUNZONES ESTÁN PRODUCTOS A PETICIÓN Y EN LONGITUDES DE: 510 mm, 1030 mm Y FRACCIONADOS (1010 mm)
OS PUNÇÕES SÃO FABRICADOS A PEDIDO EMS COMPRIMENTOS DE: 510 mm, 1030 mm E FRACIONADOS (1010 mm)
LES POINÇONS STANDARD SONT FABRIQUÉS À LA DEMANDE EN LONGUEURS: 510 mm, 1030 mm ET FRACTIONNÉS (1010 mm)
STANDARD-OBERWERKZEUGE SIND IN PRODUKTE LÄNGEN AB AUF ANFRAGE: 510 mm, 1030 mm UND SEKTIONIERT LÄNGE (1010 mm)



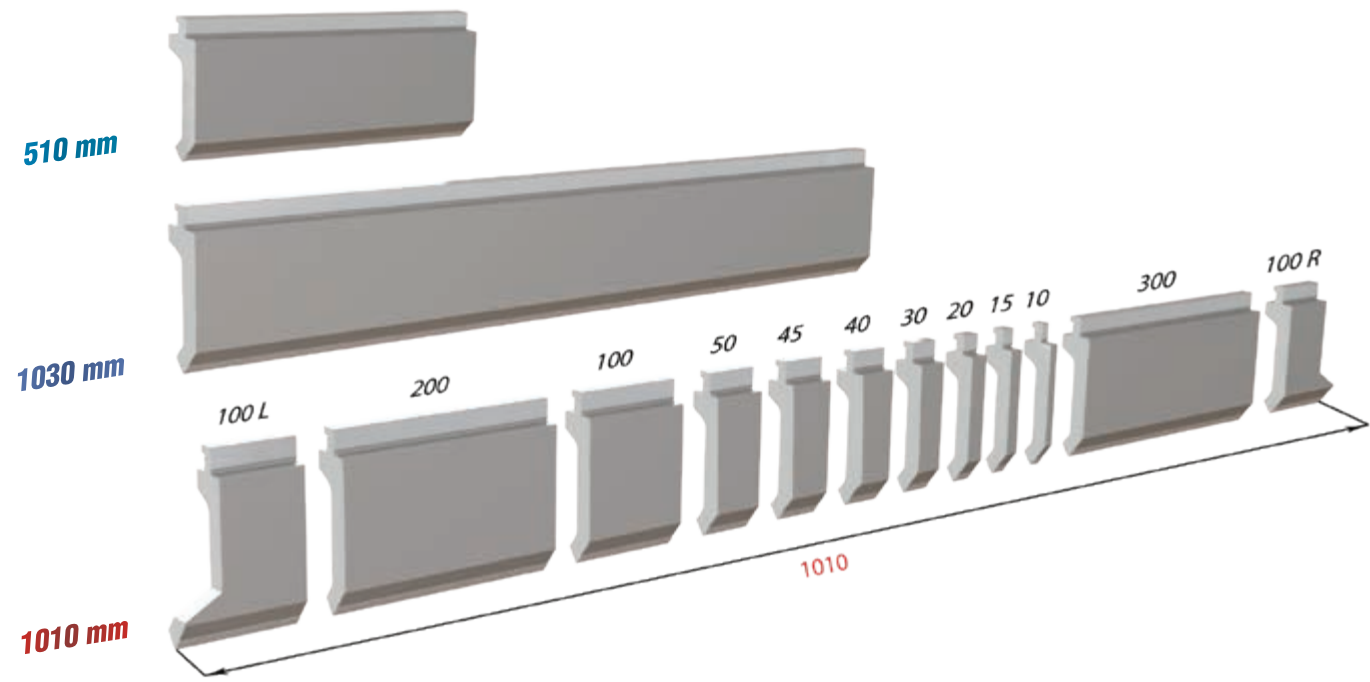
SPINTA SULLE SPALLE
PRESSURE SURFACE
ON THE SHOULDERS
FUERZA EN LATERALES
FORÇA NOS OMBROS
POINT DE POUSSEE LATERAL
SCHULTERTARGET



76°

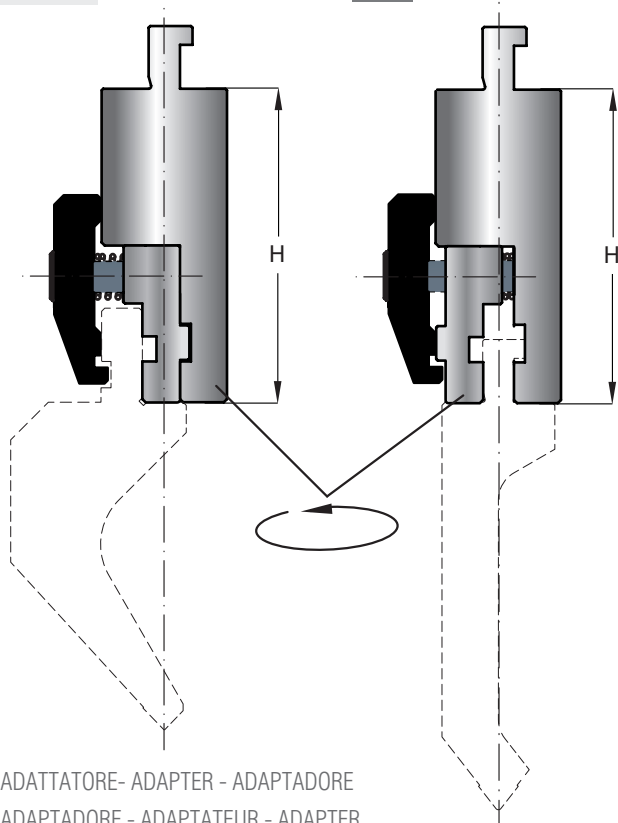
LENGTH	510	1030
SECTION	1010	

LEGENDA	LEGEND	LEYENDA	LEGENDA	LÉGENDE	LEGENDE
H =	ALTEZZA	HEIGHT	ALTURA	HAUTEUR	STEMPELHÖHE
α =	ANGOLO	ANGLE	ÂNGULO	ANGLE	WINKEL
R =	RAGGIO	RADIUS	RAIO	RAYON	RADIUS
K =	PARTI USURABILI	WEAR PARTS	ZONA DE DESGASTE	ZONES D'USURE	VERSCHLEISSTEILE
L =	LUNGHEZZA	LENGHT	LONGITUDE	LONGUEUR	LÄNGEN



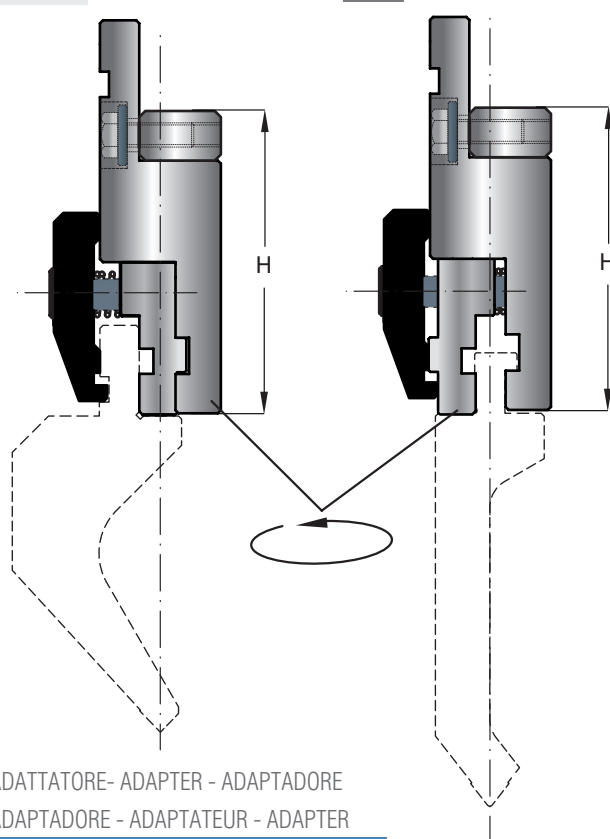
PUNZONI NEWTON 76°

CODE	L	H	T/Mt	Mt
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ADATTATORE- ADAPTER - ADAPTADORE
ADAPTADORE - ADAPTATEUR - ADAPTER
NEWTON / AMADA

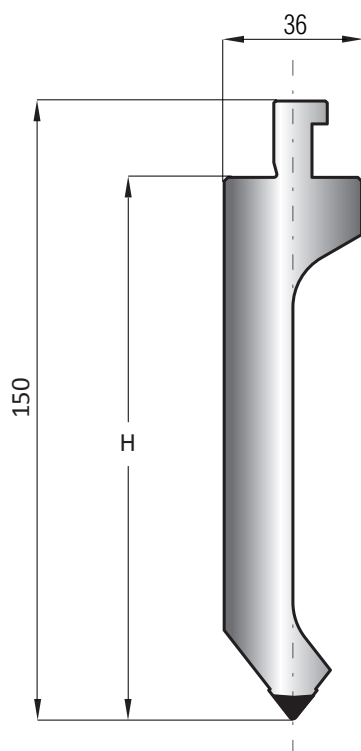
CODE	L	H	T/Mt	Mt
50.935	150	100.00	100	



ADATTATORE- ADAPTER - ADAPTADORE
ADAPTADORE - ADAPTATEUR - ADAPTER
AMADA / NEWTON

CODE	α	R	H	T/Mt	Mt
18.100	76°	1.00	130.00	100	

76°



LENGTH	510	1030
SECTION	1010	

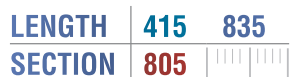


AS MATRIZES SÃO FABRICADAS A PEDIDO - LES MATRICES STANDARD SONT FABRIQUÉES À LA DEMANDE - STANDARD-MATRIZEN SIND IN PRODUKTE AUF ANFRAGE



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	ZONA DE DESGASTE	ZONA DE DESGASTE	ZONES D'USURE	VERSCHLEISSTEILE
V	=	AMPIEZZA CAVA	DIE OPENING	ANCHO V	ABERTURA DO V	LARGEUR DU VE	ÖFFNUNGSWEITE

80°
60°

80°

PUNZONI - MATRICI AMERICAN STYLE



RAINBOW LINE

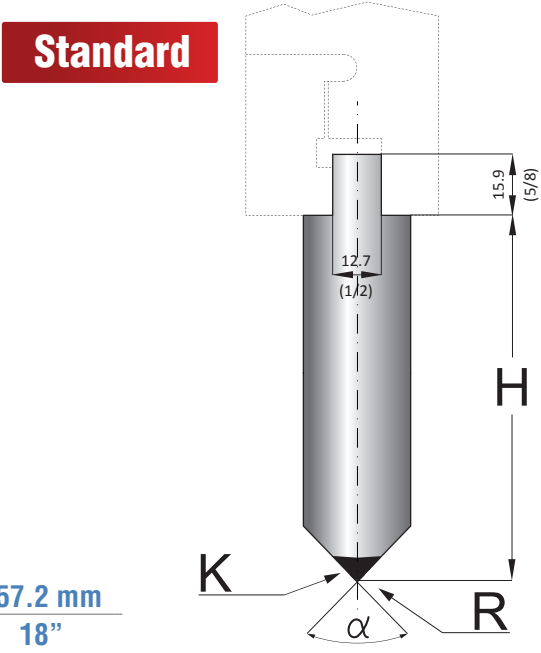
EHT - WEINBRENNER - NEWTON - AMERICAN STYLE

PUNZONI - PUNCHES - PUNZONES

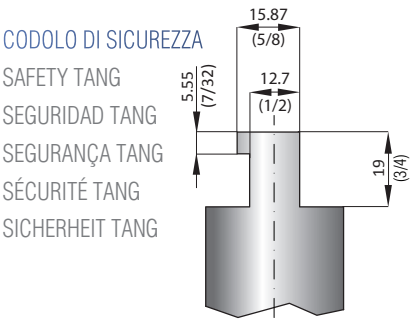
PUNÇÕES - POINÇONS - OBERWERKZEUGE

MATRICI - DIES - MATRICES

MATRIZES - MATRICES - MATRIZEN



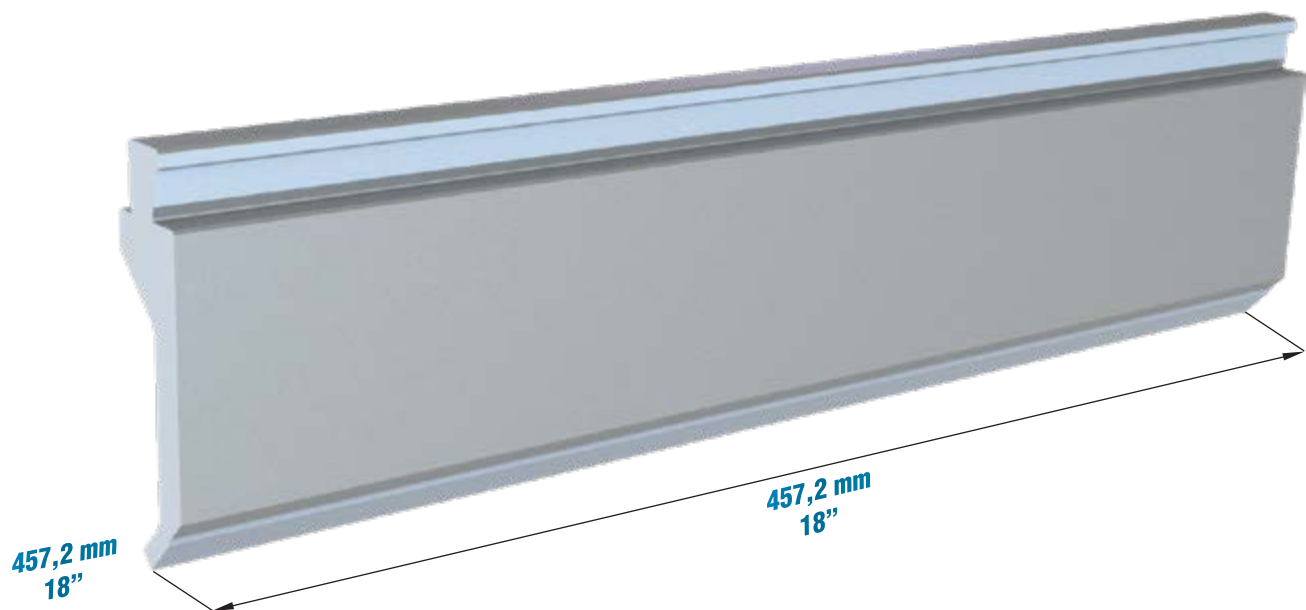
LENGTH 457.2 mm
18"



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



I PUNZONI SONO PRODOTTI A RICHIESTA NELLE LUNGHEZZE DI: 18" (457.2 mm)
THE PUNCHES ARE PRODUCED ON REQUEST IN THE FOLLOWING LENGTHS: 18" (457.2 mm)
LOS PUNZONES ESTÁN DISPONIBLES EN LONGITUDES DE: 18" (457.2 mm)
OS PUNÇÕES SÃO FABRICADOS A PEDIDO EMS COMPRIMENTOS DE: 18" (457.2 mm)
LES POINÇONS SONT FABRIQUÉS À LA DEMANDE EN LONGUEURS: 18" (457.2 mm)
OBERWERKZEUGE SIND IN PRODUKTE LÄNGEN AB AUF ANFRAGE: 18" (457.2 mm)



LENGTH 457.2 mm
18"

NOTE

INDICARE QUOTE - SPECIFY DIMENSION - INDICAR COTA
INDICAR COTA - INDIQUER LES COTES - MASSE ANGEBEN

R=

α=

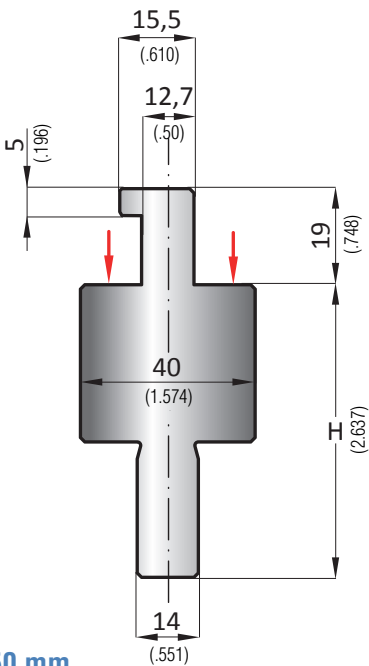
H=

B=

LENGHT INCHES MILLIMETERS

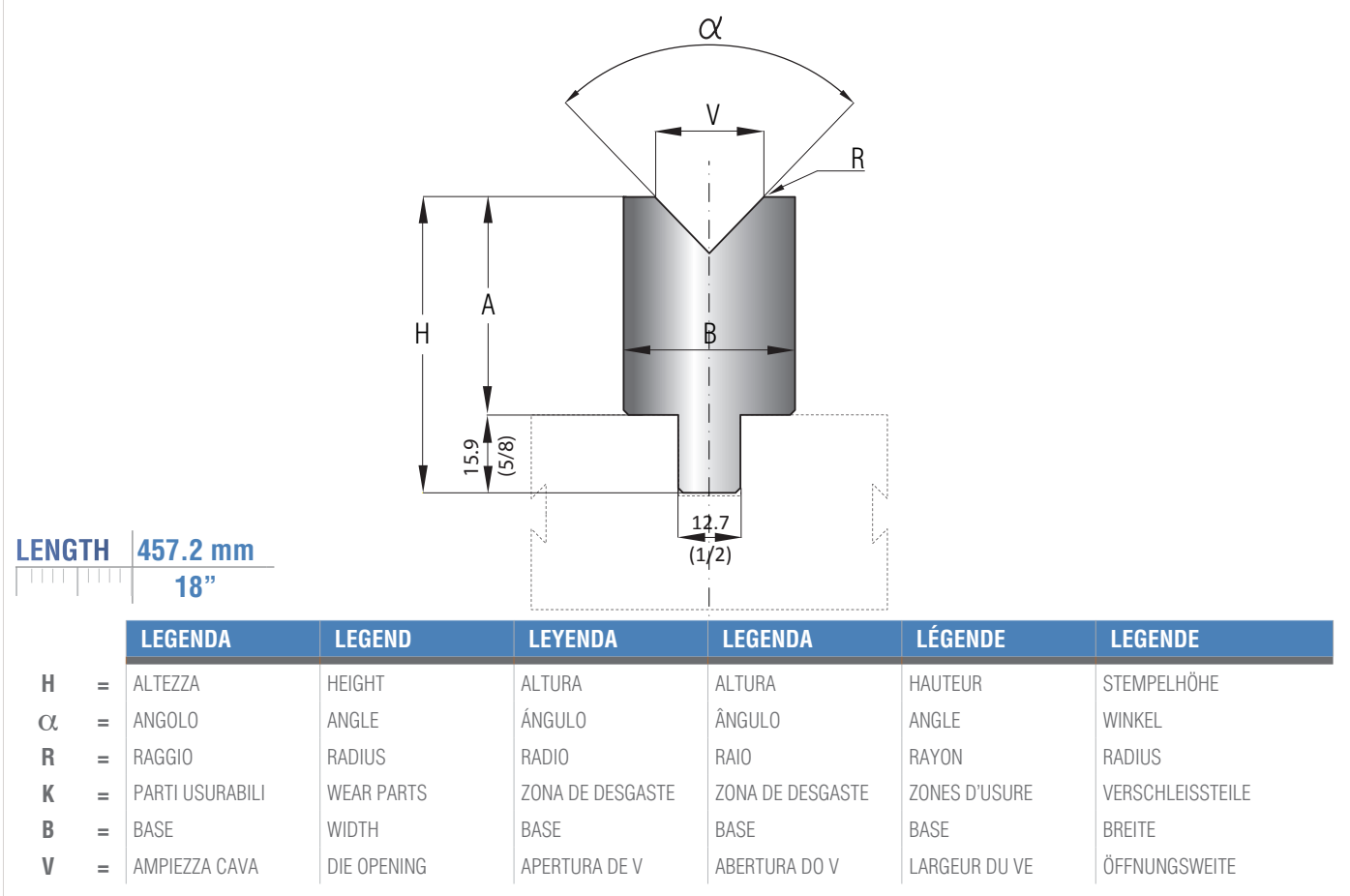
LUNGHEZZA	18"	457,2
LENGHT		
LONGITUDE		
COMPRIMENTO		
LONGUEUR		
LÄNGEN		

CODE	L	H	T/Mt	Mt
50.950	150	67.00	100	



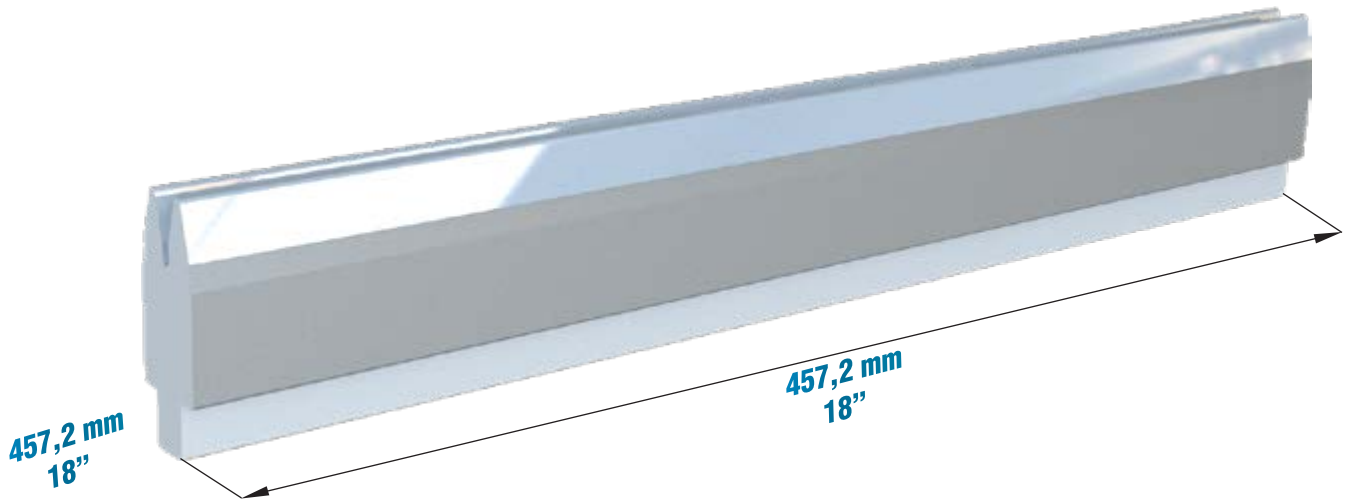
LENGTH 150 mm
5.905"

ADATTATORE- ADAPTER - ADAPTADORE
ADAPTADORE - ADAPTATEUR - ADAPTER
USA / EU ADAPTER



MATRICI

LE MATRICI SONO PRODOTTE A RICHIESTA NELLE LUNGHEZZE DI: 18" (457.2 mm)
 THE DIES ARE PRODUCED ON REQUEST IN THE FOLLOWING LENGTHS: 18" (457.2 mm)
 LAS MATRICES ESTÁN DISPONIBLES EN LONGITUDES DE: 18" (457.2 mm)
 AS MATRIZES SÃO FABRICADOS A PEDIDO EMS COMPRIMENTOS DE: 18" (457.2 mm)
 LES MATRICES SONT FABRIQUÉS À LA DEMANDE EN LONGUEURS: 18" (457.2 mm)
 MATRIZEN SIND IN PRODUKTE LÄNGEN AB AUF ANFRAGE: 18" (457.2 mm)



LENGTH	457.2 mm
	18"

NOTE

INDICARE QUOTE - SPECIFY DIMENSION - INDICAR COTA
 INDICAR COTA - INDIQUER LES COTES - MASSE ANGEBEN

V=

A=

R=

α =

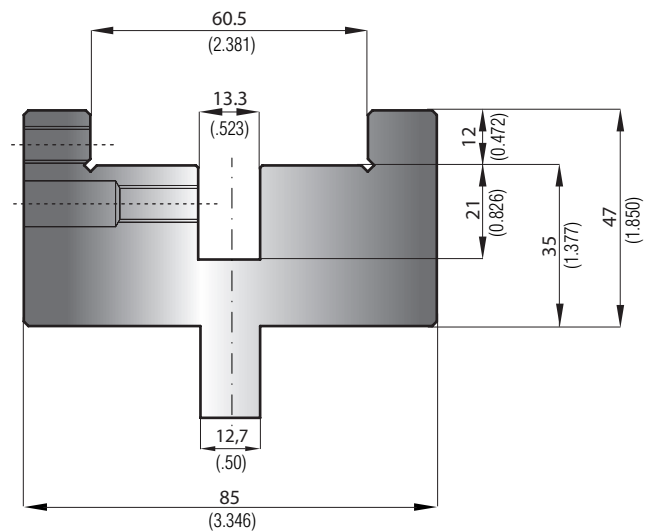
H=

B=

LENGHT	INCHES	MILLIMETERS
--------	--------	-------------

LUNGHEZZA	18"	457,2
LENGHT		
LONGITUDE		
COMPRIMENTO		
LONGUEUR		
LÄNGEN		

CODE	L	H	T/Mt	Mt
60.980	835	35.00	100	



LENGTH	835 mm
	32.87"

ADATTATORE INFERIORE - LOWER ADAPTER
 ADAPTADORE INFERIOR - ADAPTADOR INFERIOR
 ADAPTATEUR INFERIEUR - MATRIZENADAPTER
 USA / EU - WILA LOWER ADAPTER

I NOSTRI CATALOGHI

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



RED LINE

AMADA - PROMECAM STYLE



BLUE LINE

TRUMPF STYLE



PLATINUM LINE

WILA STYLE



ORANGE LINE

BYSTRONIC - BEYELER STYLE



BLACK LINE

LVD STYLE



RAINBOW LINE

EHT - WEINBRENNER - NEWTON - AMERICAN STYLE

I NOSTRI CATALOGHI

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



CORAL LINE

NO MARKING TOOLS



MAGENTA LINE

ADAPTERS FOR ALL PRESS BRAKES



YELLOW LINE

SHEAR BLADES



GREEN LINE

ACCESSORIES FOR ALL PRESS BRAKES



SILVER LINE

WORKING - MODIFICATION - REFURBISHED TOOLING



GOLD LINE

SPECIAL TOOLING FOR ALL PRESS BRAKES

INDEX CODE

EHT STYLE		
CODE	α	PAGE
10.300		15
10.301		15
10.302		15
10.303		15
10.304		15
10.305		15
10.306		15
10.307		15
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15.769	28°	10
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15.782	90°	10
15.784	90°	10
15.787	90°	10
15.788	90°	10
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17.050		12
17.070		9
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40.510	160°	13
40.511	90°	13
40.515	160°	13
40.516	90°	13
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40.610	90°	13
40.611	90°	13
40.612	90°	13
40.613	90°	13
40.614	90°	13
40.615	90°	13

WEINBRENNER STYLE		
CODE	α	PAGE
10.300		25
10.301		25
10.302		25
10.303		25
10.304		25
10.305		25
10.306		25
10.307		25
10.308		25
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15.787	90°	20
15.788	90°	20
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17.550		22
17.570		19
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40.511	90°	23
40.515	160°	23
40.516	90°	23
40.520	150°	23
40.521	90°	23
40.525	140°	23
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40.545	90°	23
40.550	90°	23
40.555	90°	23
40.560	90°	23
40.565	90°	23
40.570	90°	23
40.575	90°	23
40.580	90°	23
40.585	90°	23
40.590	90°	23
40.610	90°	23
40.611	90°	23
40.612	90°	23
40.613	90°	23
40.614	90°	23
40.615	90°	23

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NEWTON STYLE		
CODE	α	PAGE
18.100	76°	29
28.100	80°	30
28.820	60°-80°	30
50.930		29
50.935		29

AMERICAN STYLE		
CODE	α	PAGE
50.950		33
60.980		35

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