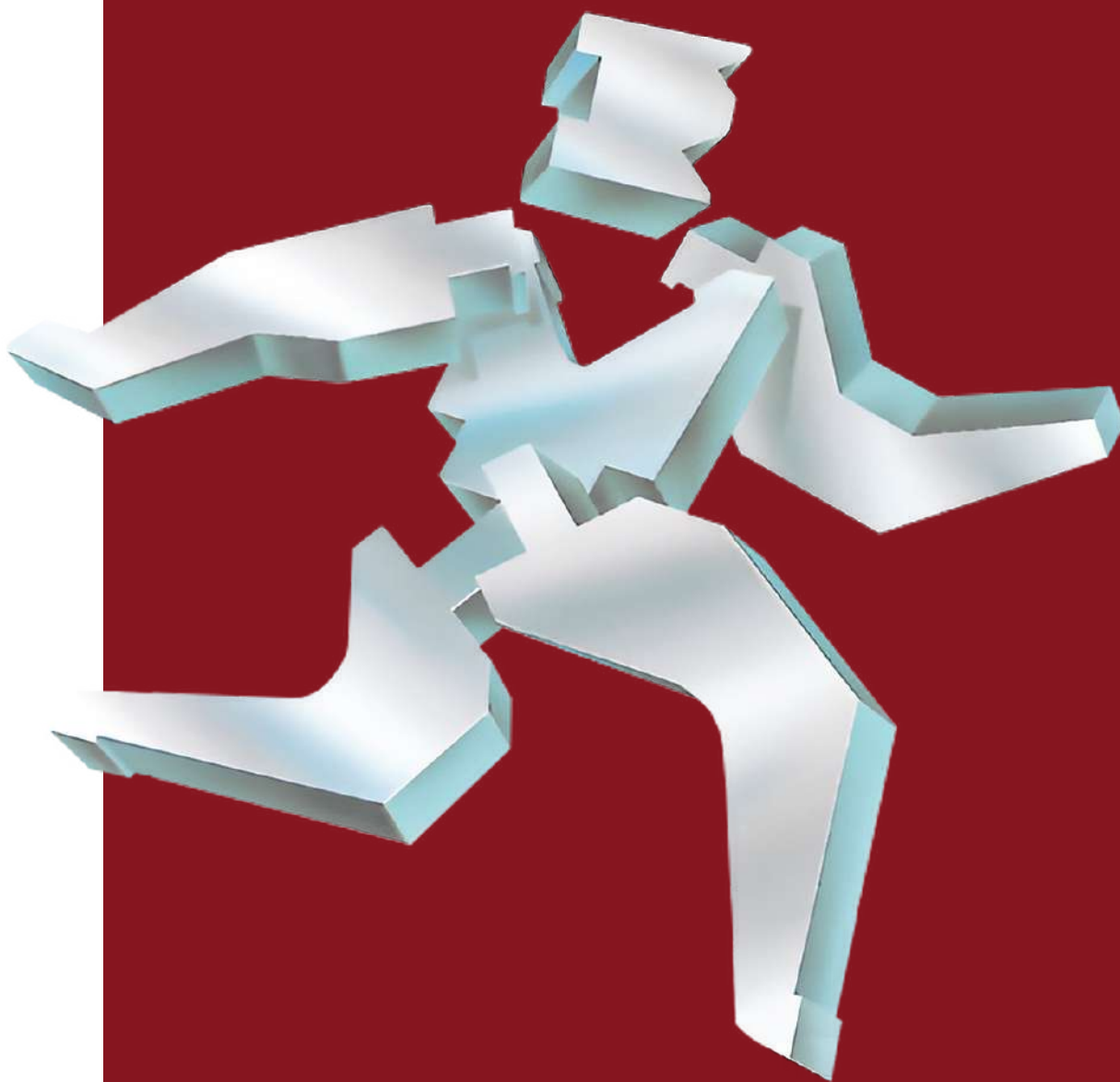




LIMIT

ED22



PRESS BRAKE TOOLING
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LIMIT SRL : CHI SIAMO

LIMIT SRL, FONDATA NEL 1977, È SPECIALIZZATA NELLA COSTRUZIONE DI UTENSILI STANDARD E SPECIALI PER TUTTI I TIPI DI PRESSE PIEGATRICI.

GLI UTENSILI STANDARD SONO DISPONIBILI A MAGAZZINO, MENTRE, GRAZIE ALL'ESPERIENZA DEL NOSTRO UFFICIO TECNICO, PROGETTIAMO E COSTRUIAMO UTENSILI SPECIALI DI GRANDI DIMENSIONI E LUNGHEZZE, I QUALI VENGONO COLLAUDATI SU PRESSE PIEGATRICI PRESENTI NELLE NOSTRE SEDI PRIMA DELLA SPEDIZIONE.

OGNI UTENSILE VIENE PRODOTTO CON ACCIAIO DI QUALITÀ, FRESATO, TEMPRATO AD INDUZIONE SULLE PARTI USURABILI E RETTIFICATO. INOLTRE, UN CONTROLLO QUALITATIVO VIENE EFFETTUATO AL TERMINE DI OGNI FASE DI LAVORAZIONE E PRIMA DI OGNI SPEDIZIONE.

QUALITÀ, PRECISIONE, INTERCAMBIABILITÀ E RAPIDITÀ DI SPEDIZIONE CI CONSENTONO DI ESPORTARE I NOSTRI PRODOTTI IN TUTTO IL MONDO.



LIMIT SRL : WHO WE ARE

LIMIT SRL, FOUNDED IN 1977, IS SPECIALIZED IN THE CONSTRUCTION OF STANDARD AND SPECIAL TOOLS FOR ALL TYPES OF PRESS BRAKES.

THE STANDARD TOOLS ARE AVAILABLE IN STOCK, WHILE THANKS TO THE EXPERIENCE OF OUR TECHNICIANS WE DESIGN AND PRODUCE TOOLS OF LARGE SIZES AND LENGTHS, WHICH ARE TESTED ON PRESS BRAKES PRESENT IN OUR BUILDINGS BEFORE THE DELIVERY.

EVERY TOOL IS PRODUCED WITH HIGH QUALITY STEEL, MILLED, INDUCTION HARDENED ON THE WEARABLE PARTS AND GROUND. IN ADDITION, A QUALITY CONTROL IS CARRIED OUT AT THE END OF EACH PROCESSING PHASE AND BEFORE EVERY DELIVERY.

QUALITY, PRECISION, INTERCHANGEABILITY AND FAST DELIVERY ALLOW US TO EXPORT OUR PRODUCTS ALL OVER THE WORLD.

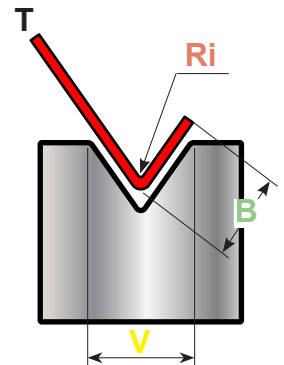
Tabella di Piegatura / Bending Chart

Forza per piega in aria a 90° di lamiera con resistenza R=45Kg/mm²
 Force required for 90° air bending of sheet metal with resistance R=45Kg/mm²

T [mm]	6	8	10	12	16	20	25	32	40	50	63	80	100	125	160	200	250	V
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	11												
2			27	22	17	17	8											
2.5				35	26	24	13	13										
3					38	42	21	19	15									
4						67	30	34	27	21								
5							54	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]

Conversione t/m → kN/m: 1 t/m ≈ 10 kN/m
 Conversion t/m → kN/m: 1 t/m ≈ 10 kN/m

Conversione kN/m → t/m: 1 kN/m ≈ 0.1 t/m
 Conversion kN/m → t/m: 1 kN/m ≈ 0.1 t/m



T = Spessore lamiera - Sheet thickness

V = Larghezza "V" - "V" width

B = Bordo minimo possibile - Minimum flange length

Ri = Raggio interno = Inside radius

F = Forza applicata (t/m) = Applied force (t/m)

Caratteristiche dei materiali più comuni/ Most common materials characteristics

Alluminio - Aluminium → R = 20-25 Kg/mm²

Acciaio dolce - Mild steel → R = 40-45 Kg/mm²

Inox - Stainless steel → R = 60-75 Kg/mm²

Calcolo della forza per piega in aria / Calculation of force for air bending

$$F = \frac{T^2 \cdot 2 \cdot R}{1.4 \cdot V} = \dots \text{ tons/m}$$

Trattamenti sui materiali / Treatments on Materials

 Gli utensili standard e speciali sono temprati ad induzione sulle parti usurabili (52-55 HRC). Su richiesta del cliente, gli utensili prodotti con acciaio 42CrMo4 possono essere trattati mediante nitrurazione antiusura, ed è possibile trattarli con zincatura per ottenere un trattamento antiruggine.

NEW Su richiesta è possibile trattare mediante nichelatura gli utensili per ottenere un effetto antiruggine che dura per l'intera vita dell'utensile.

 Standard and special tools are induction hardened on wear parts (52-55 HRC). On request, we can make an antiwear-nitriding treatment on the tools produced with 42CrMo4 steel. An anti rust-galvanized treatment can be made on tools.

NEW On request, it is possible to make a nichel-plating treatment to obtain an anti-rust effect which lasts for all the tool's life.

Legenda Materiali / Material Specifics

 Acciaio C45
 Steel C45

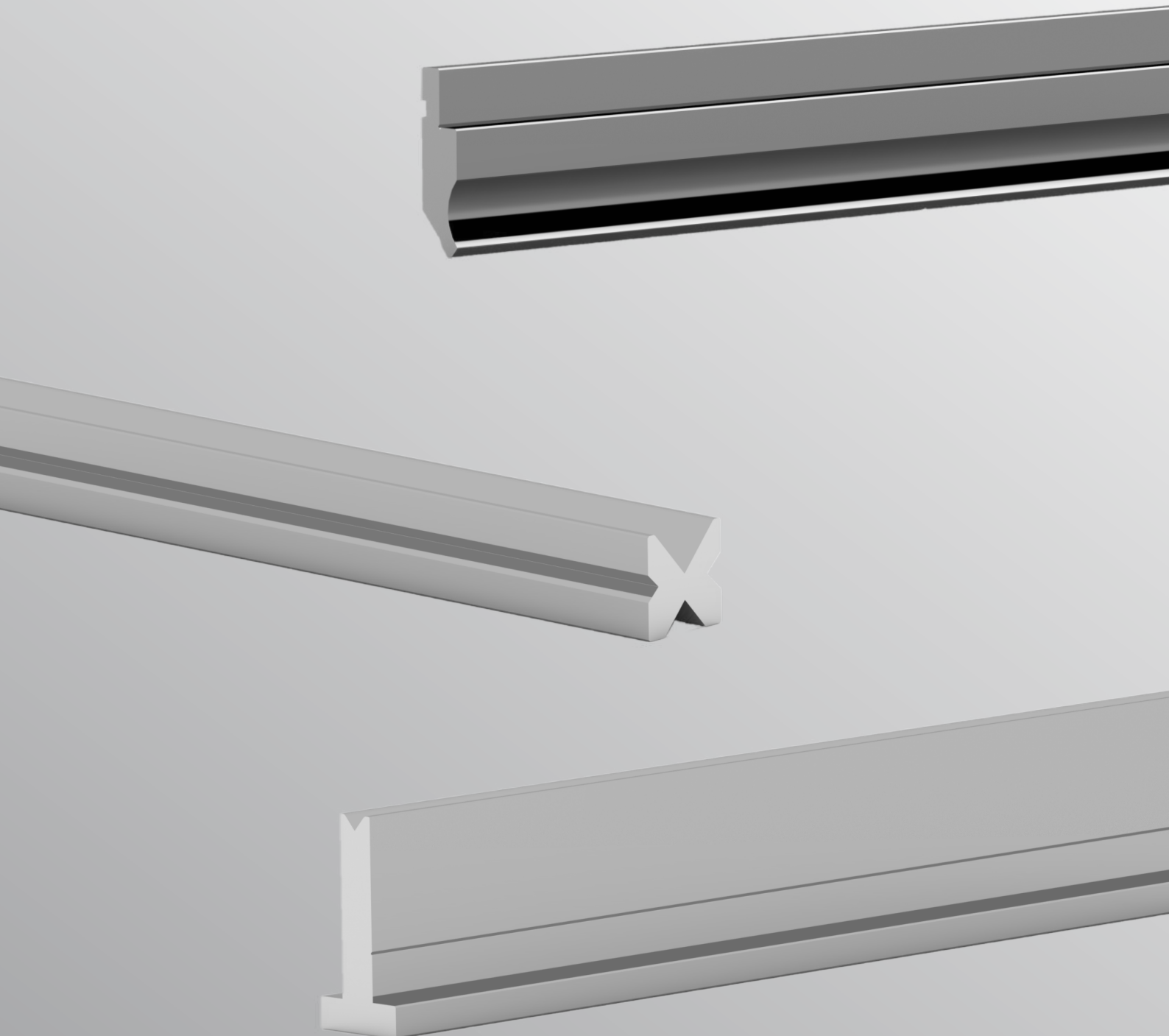
 Acciaio C45 temprato ad induzione sulle parti usurabili (52/55 HRC)
 Steel C45 induction hardened on wear parts (52/55 HRC)

 Acciaio C45 bonificato (R=80-85Kg/mm²) e temprato ad induzione sulle parti usurabili (52/55 HRC)
 Steel C45 hardened (R=80-85Kg/mm²) and induction hardened on wear parts (52/55 HRC)

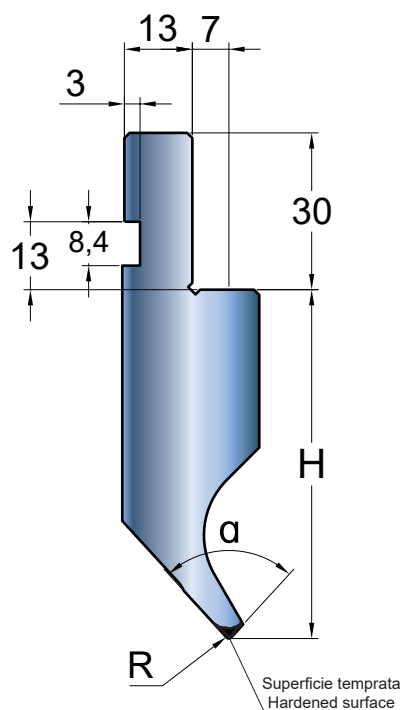
 Acciaio 42CrMo4 bonificato (R=95-105Kg/mm²) e temprato ad induzione sulle parti usurabili (52/55 HRC)
 Steel 42CrMo4 hardened (R=95-105Kg/mm²) and induction hardened on wear parts (52/55 HRC)



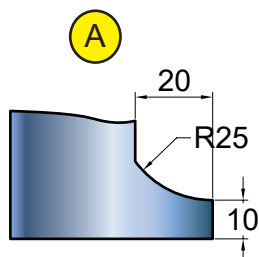
AMADA - PROMECAM STYLE



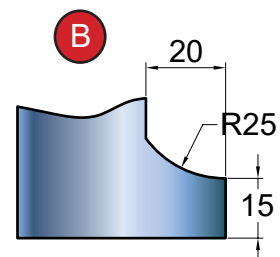
Attacco Standard Standard clamp



Scarpetta Standard Standard Horn Type:



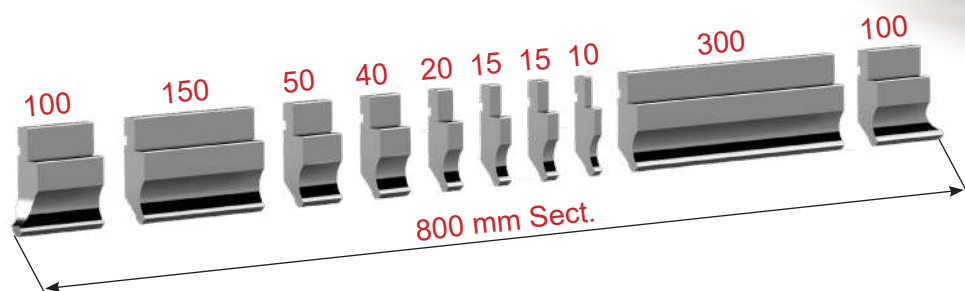
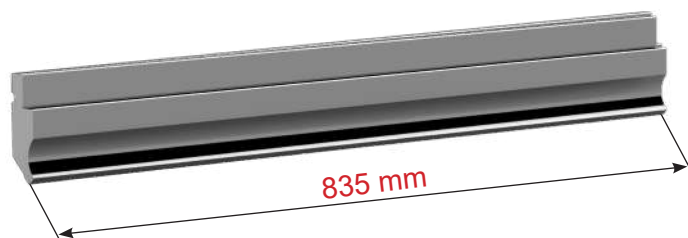
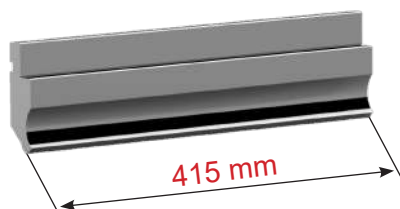
Scarpetta Standard Standard Horn Type:

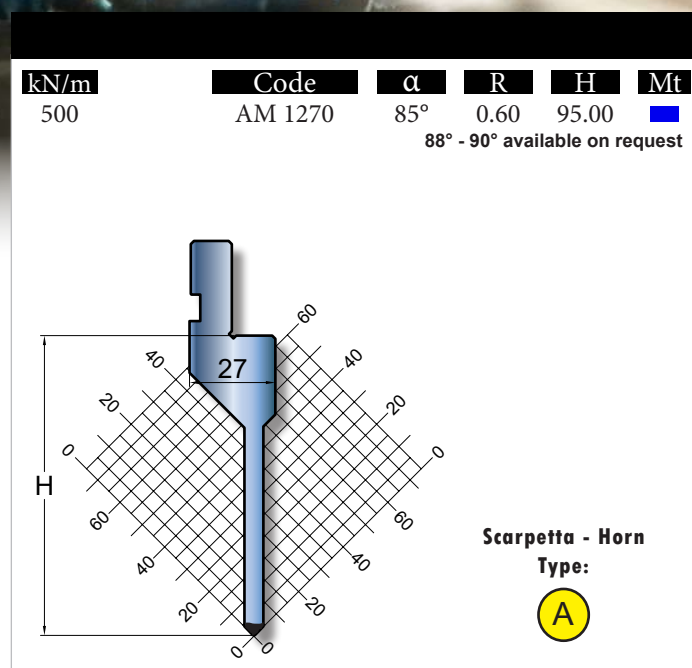
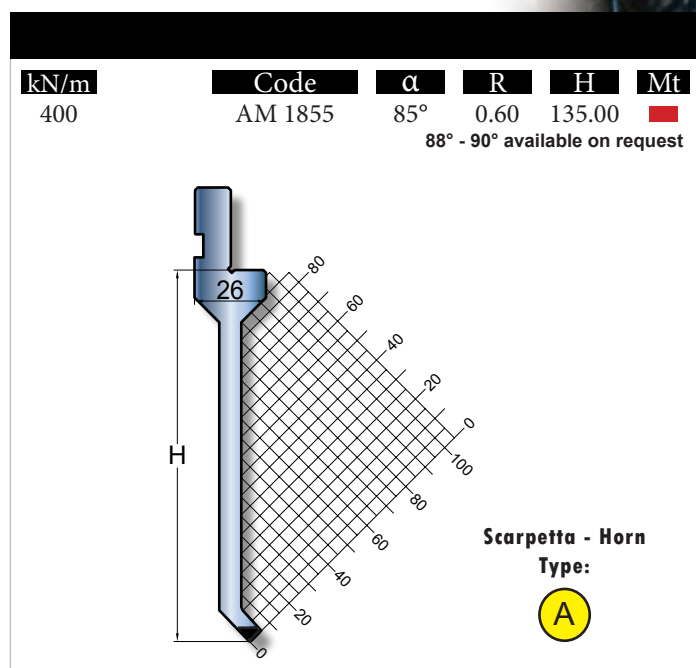
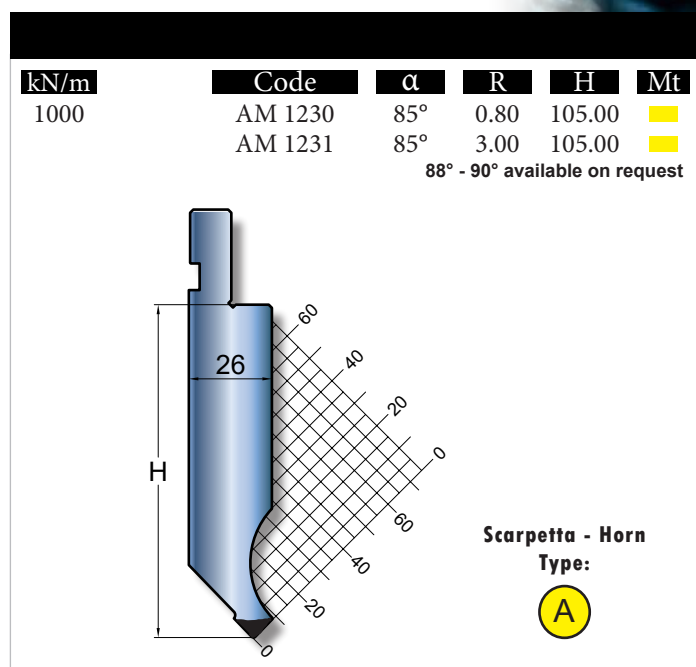
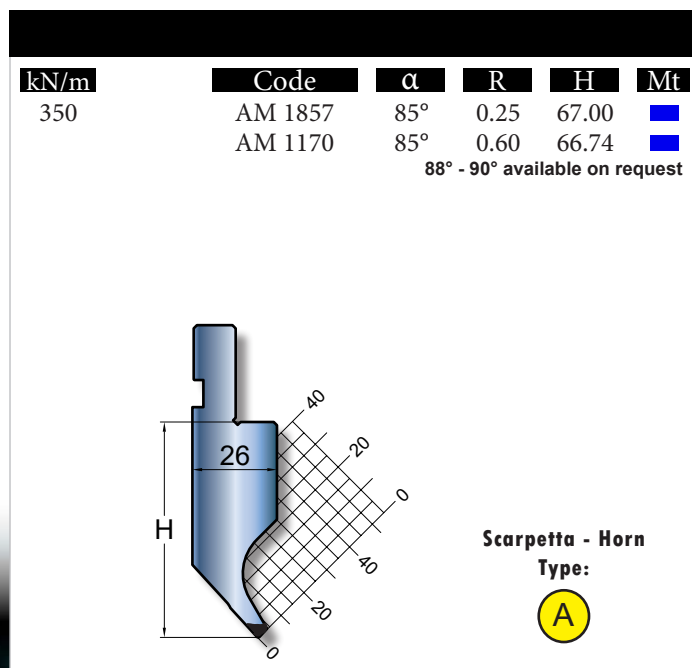
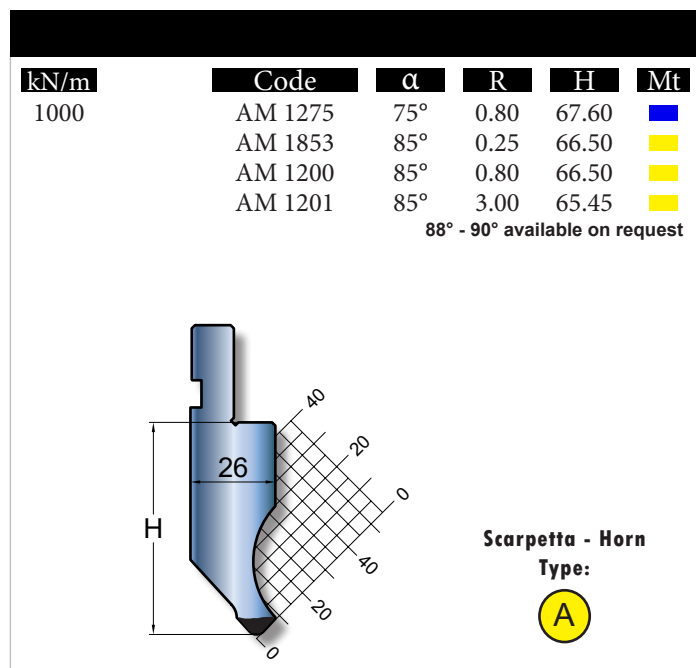


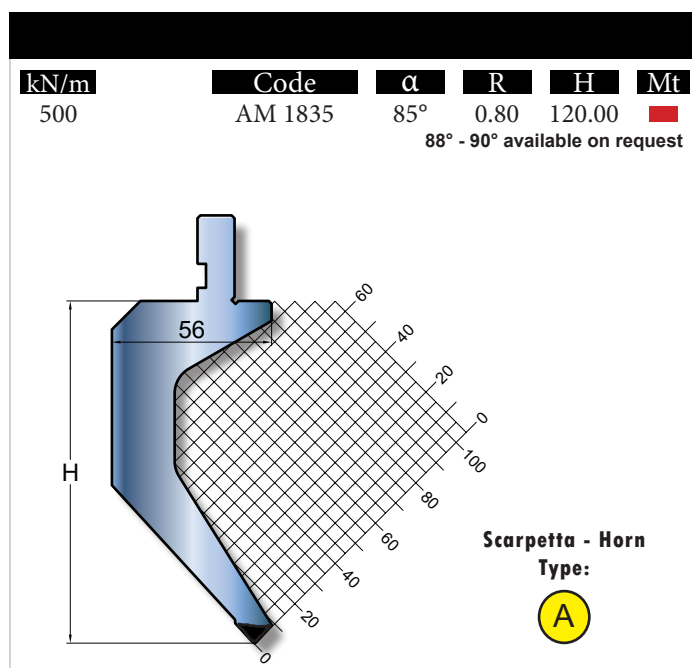
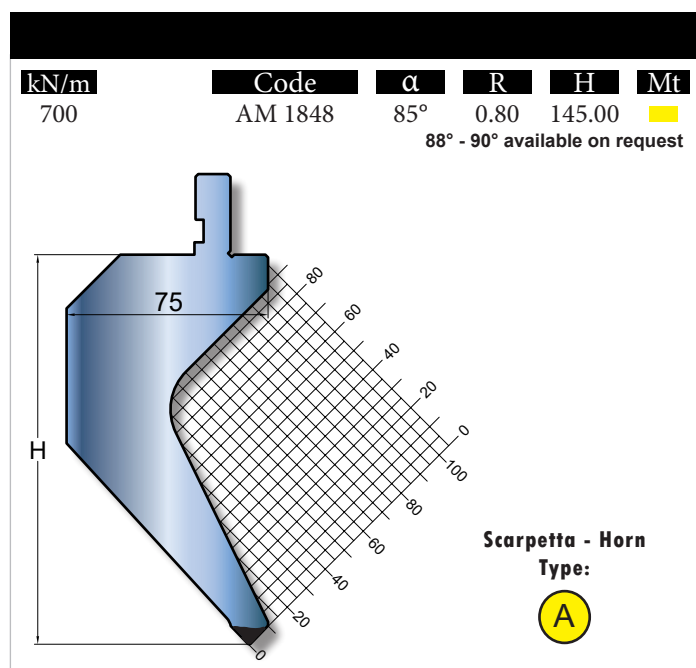
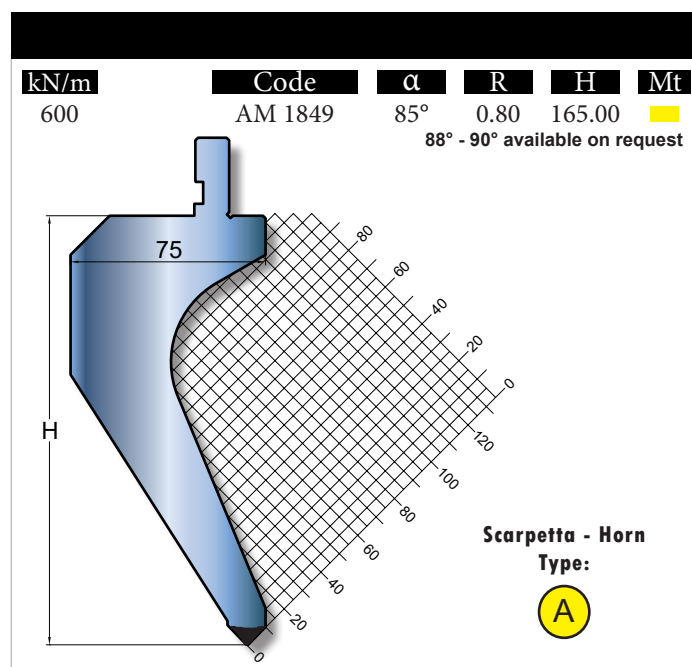
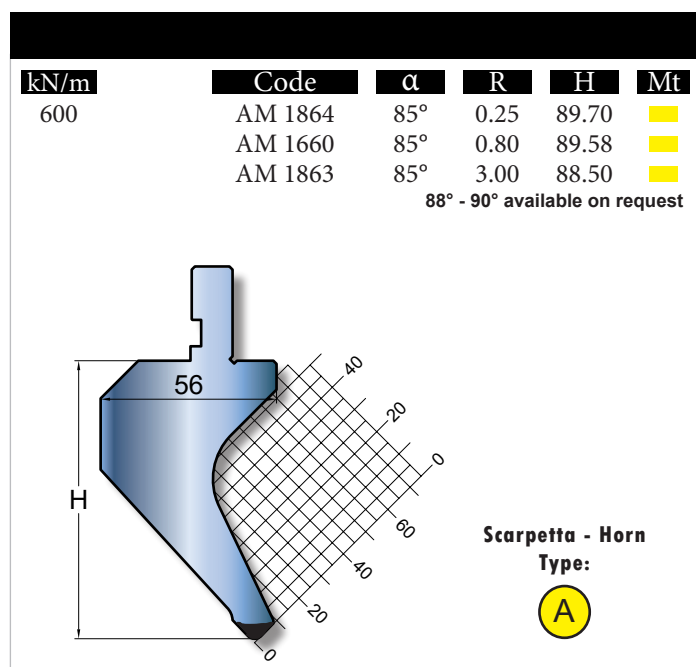
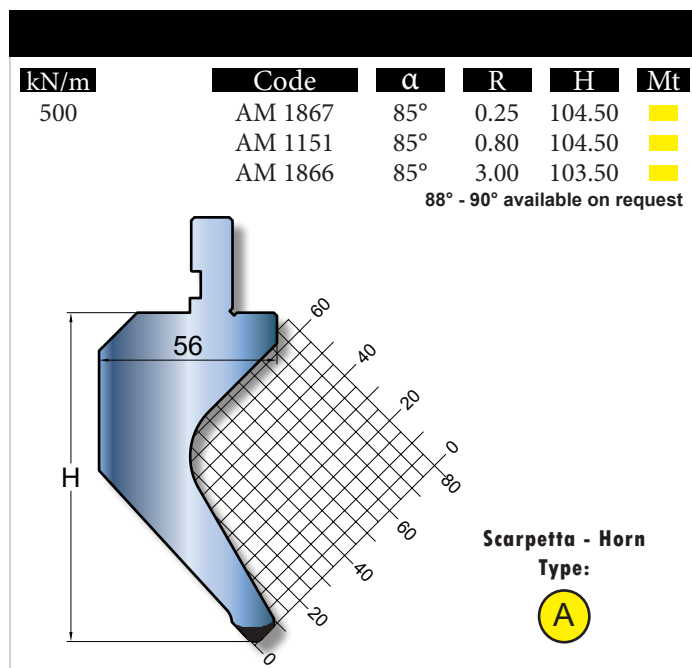
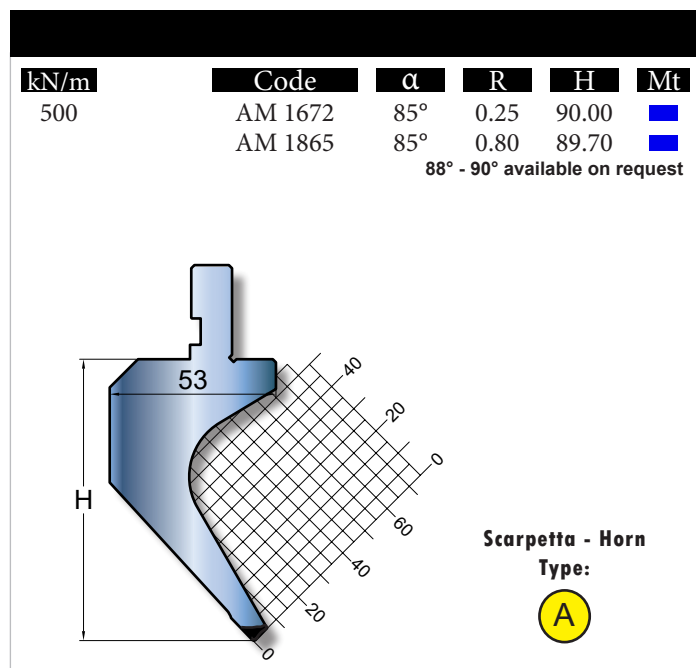
Il carico massimo delle scarpette corrisponde al 50% del carico massimo indicato sul punzone.

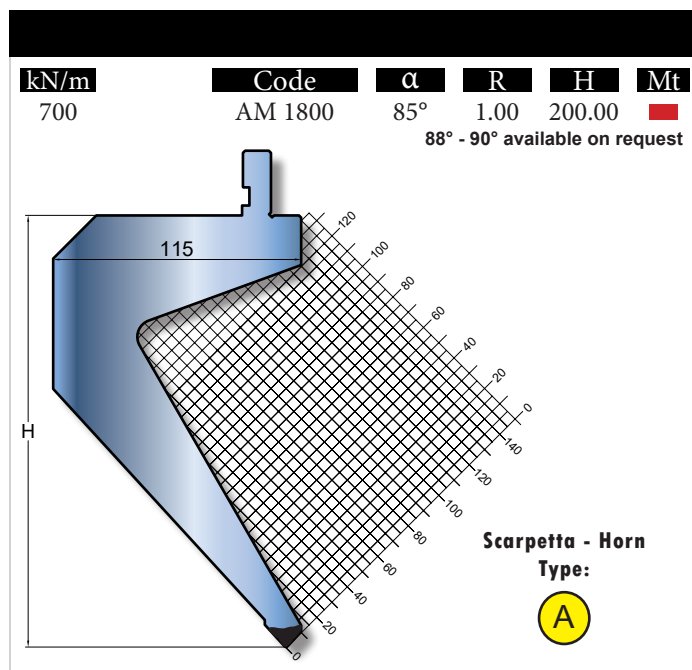
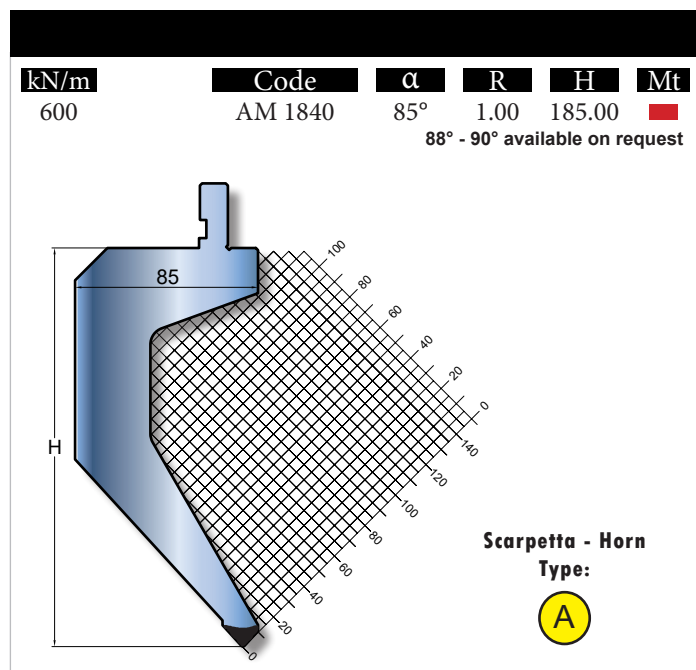
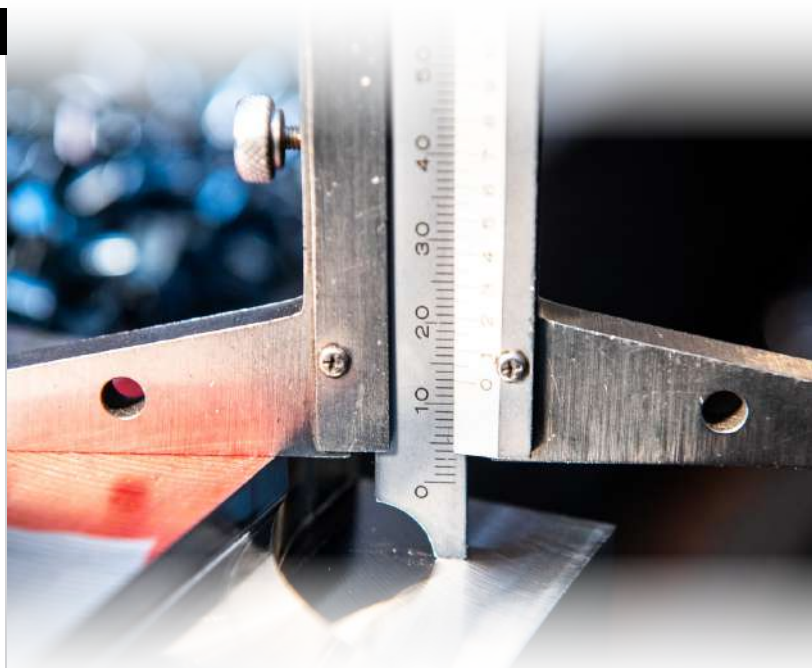
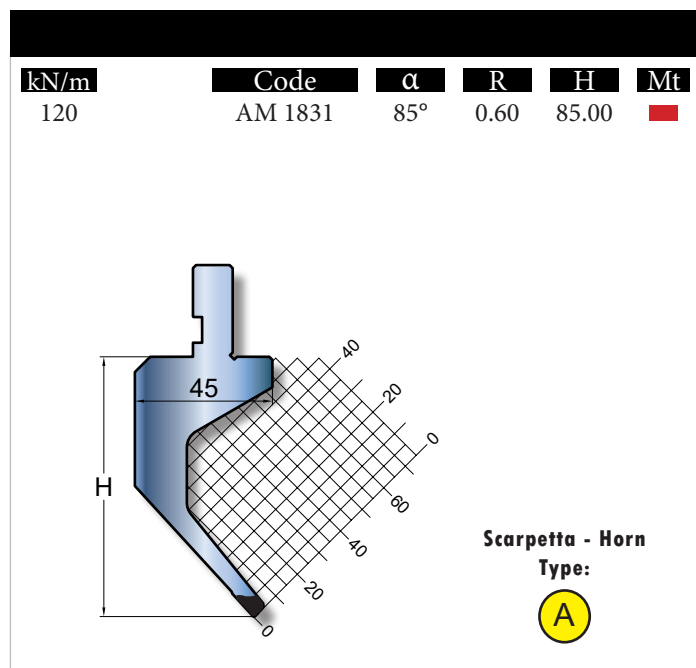
The horns' max load is 50% of the max load of the punch.

Lunghezze Standard - Standard Lengths



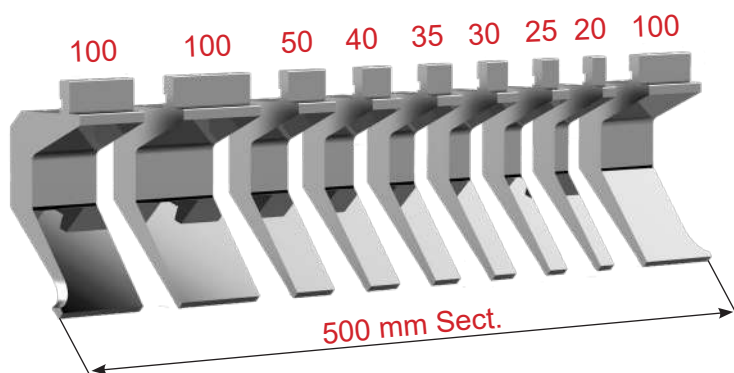
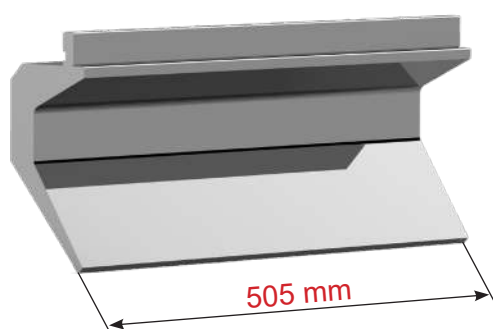






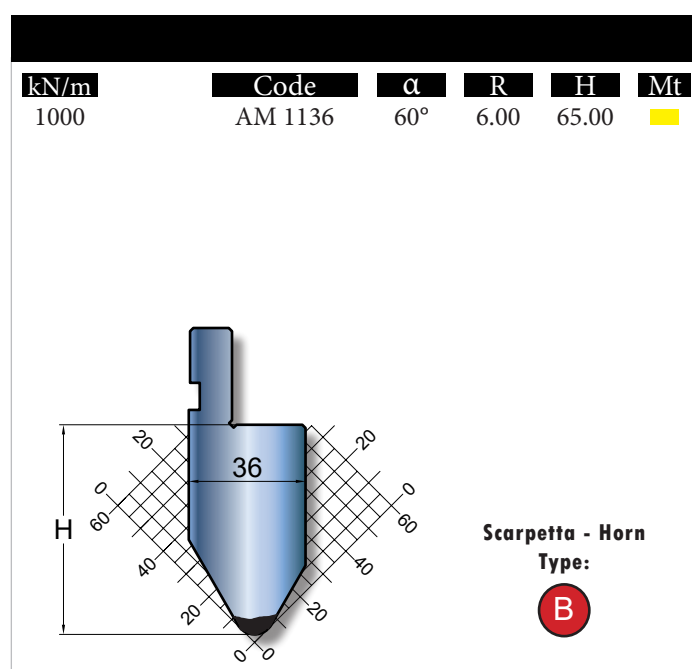
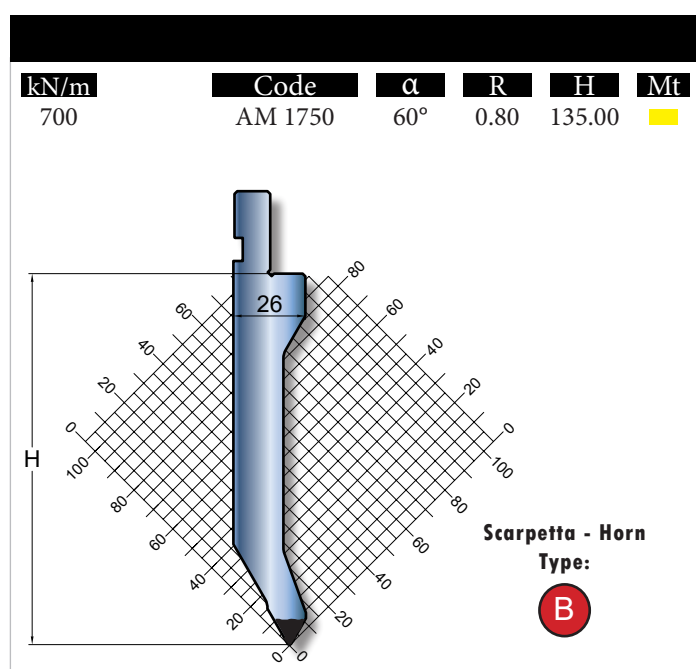
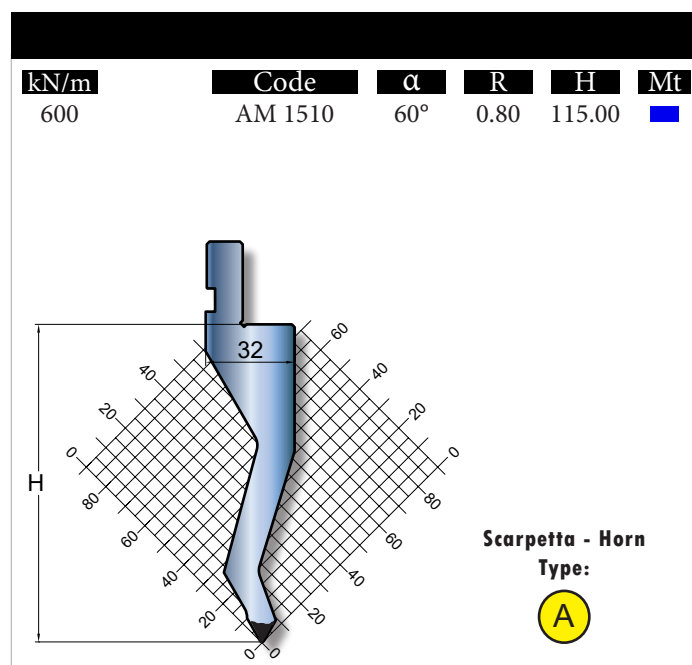
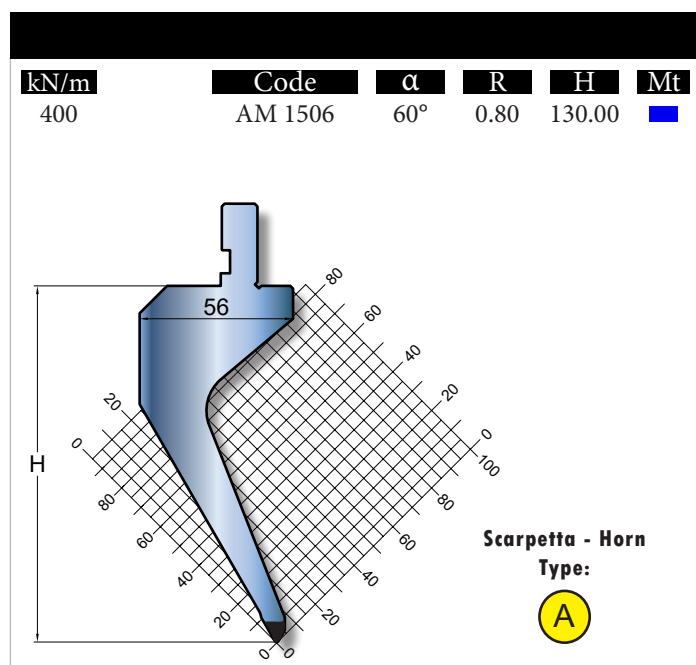
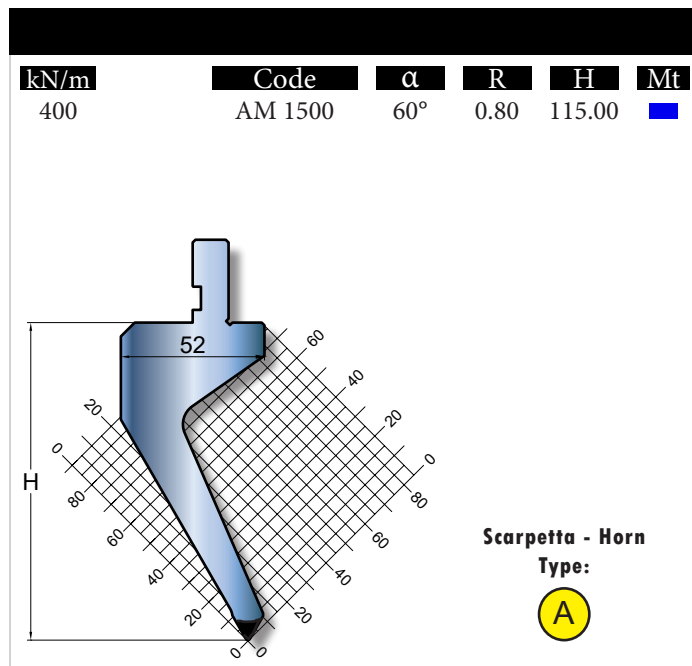
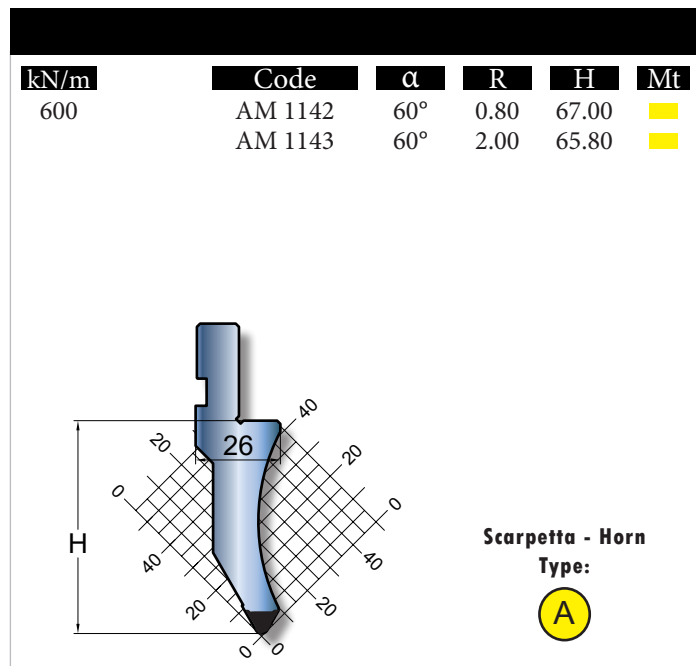
Lunghezze Standard Per - Standard Lengths For:

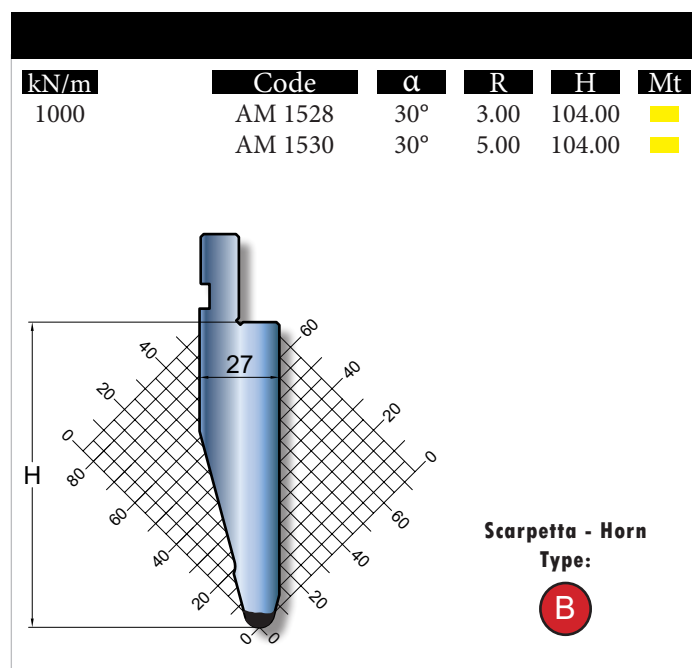
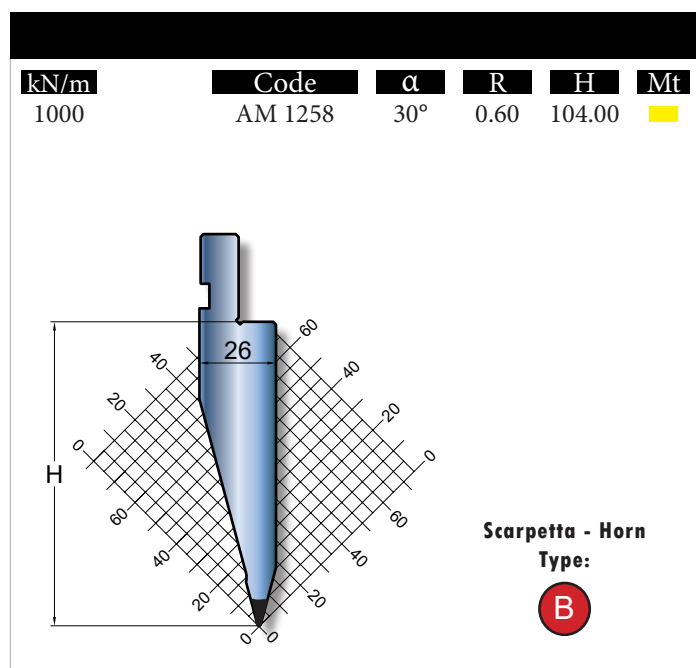
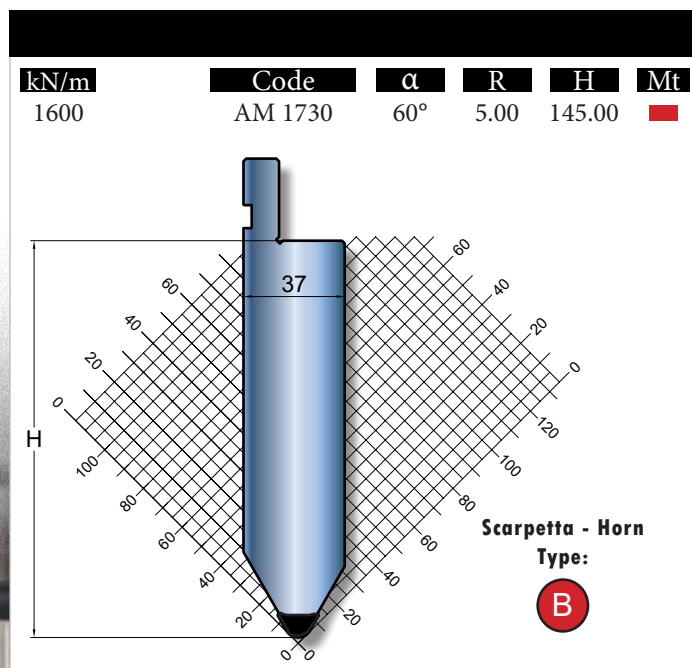
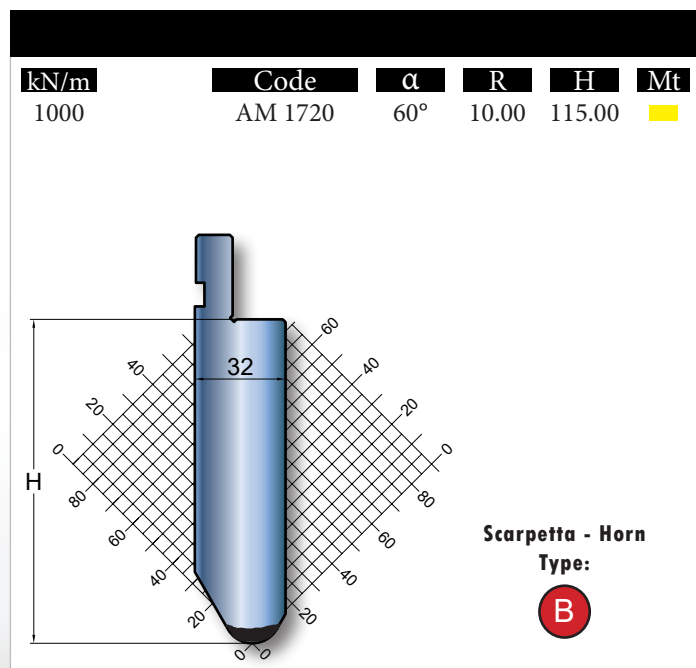
AM 1840 & AM 1800

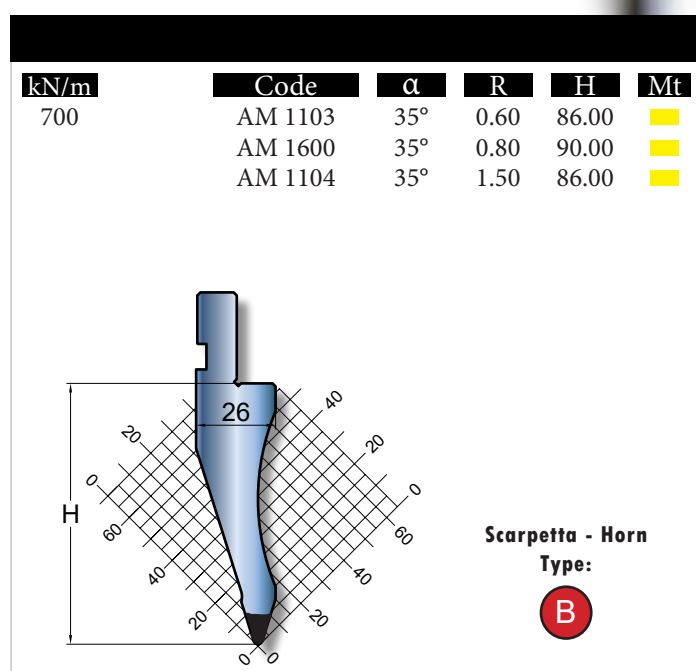
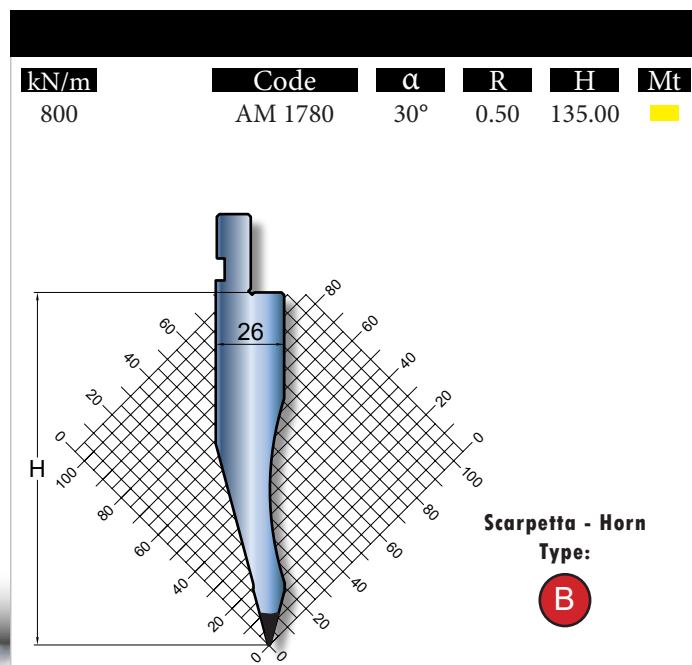
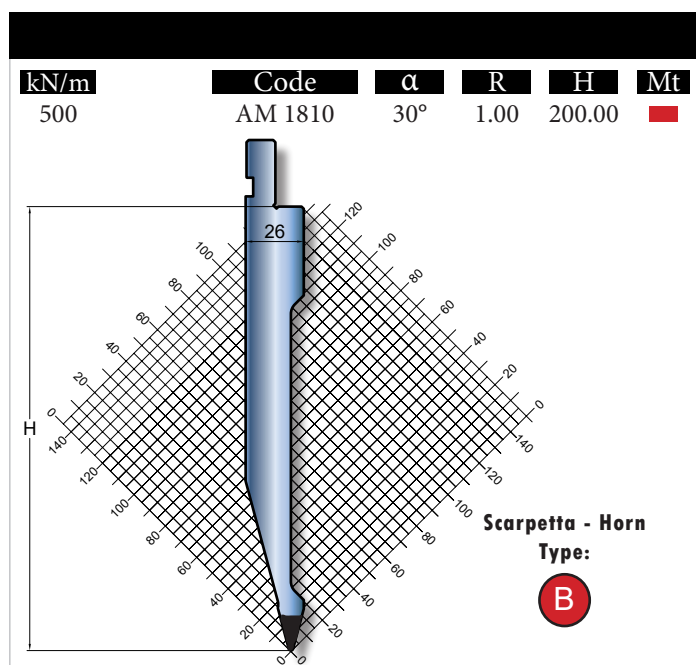
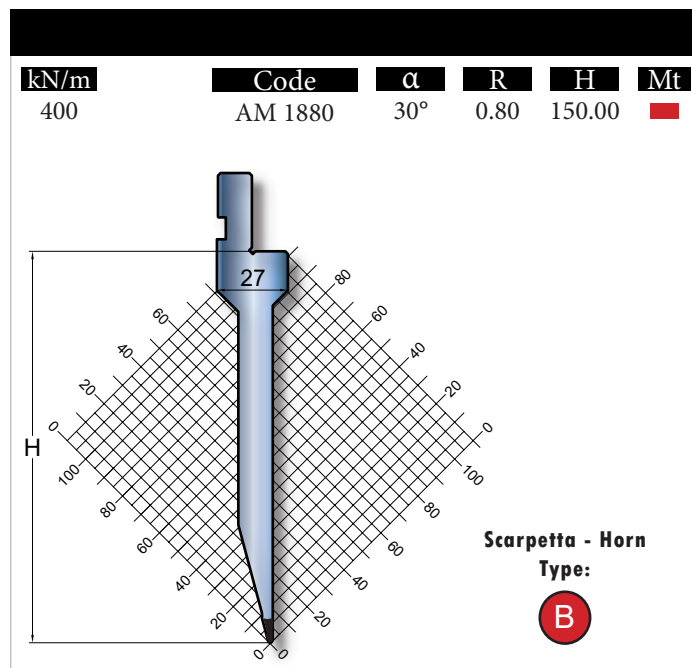
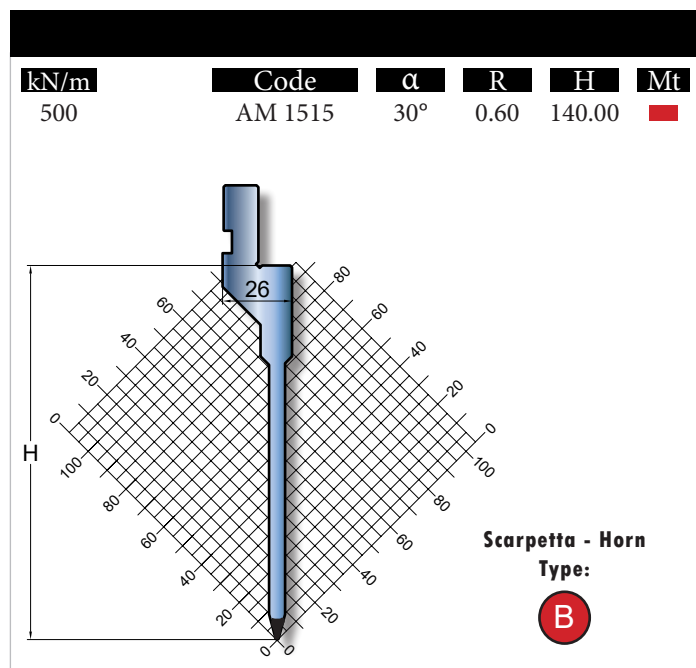


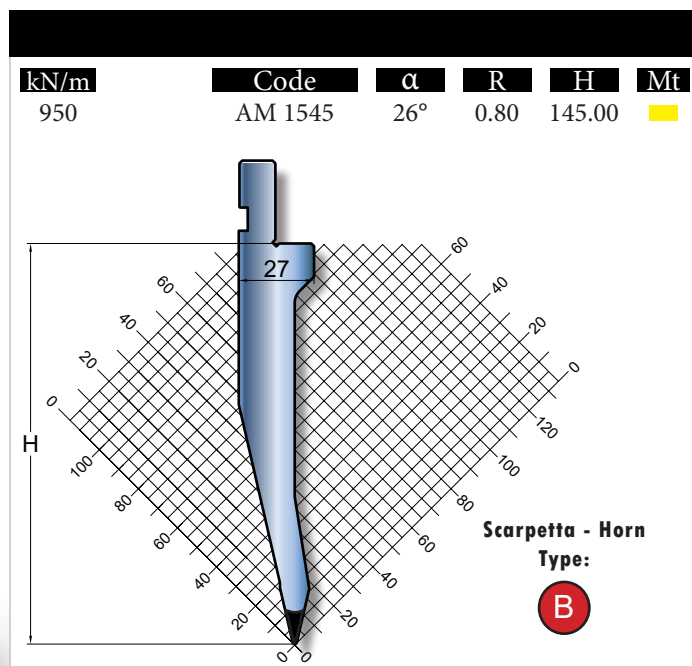
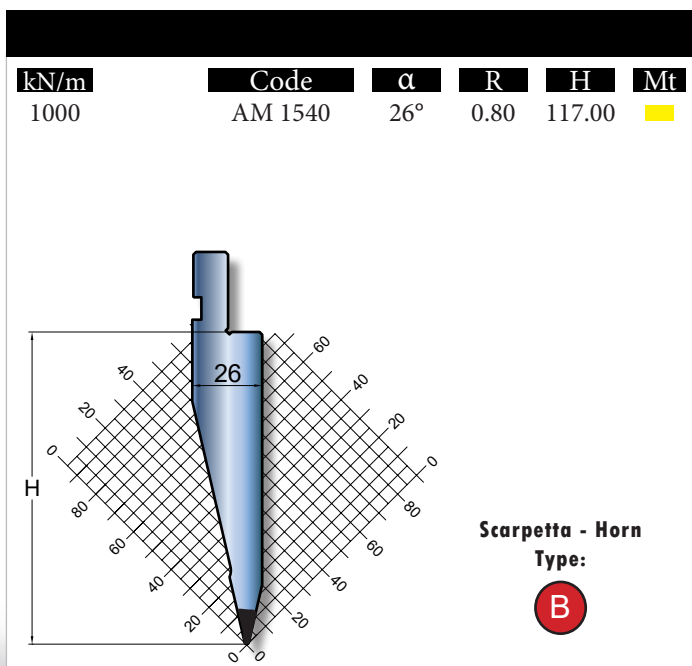
Il carico massimo delle scarpette corrisponde al 50% del carico massimo indicato sul punzone.

The horns' max load is 50% of the max load of the punch.



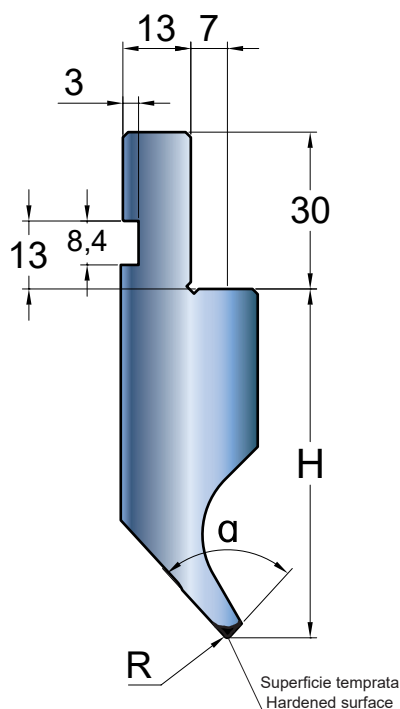




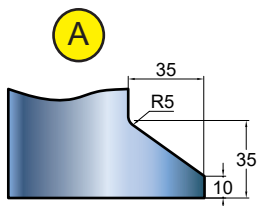




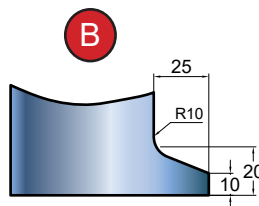
Attacco Standard Standard clamp



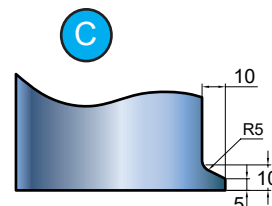
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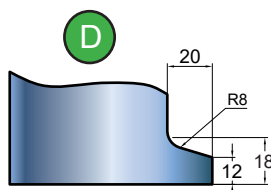
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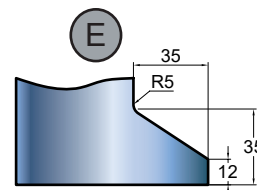
Scarpetta Standard Standard Horn Type:



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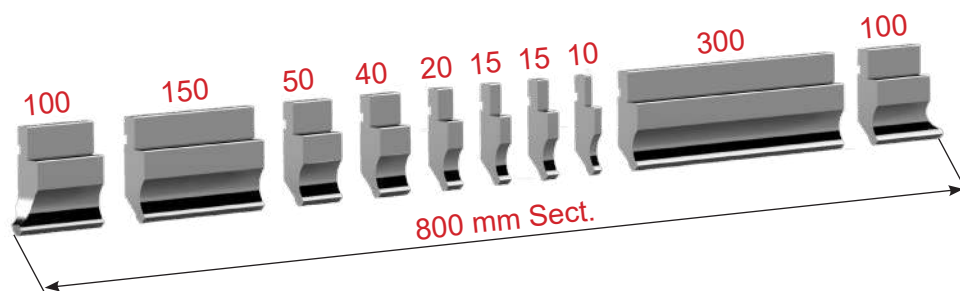
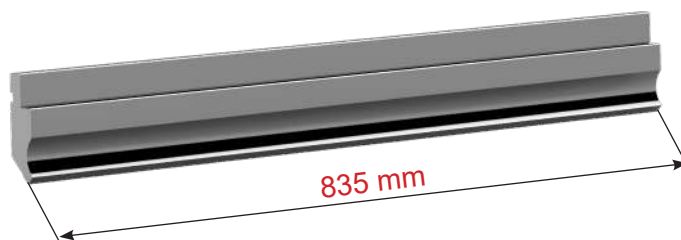
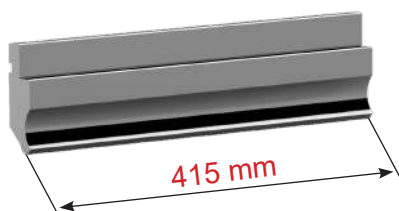
Scarpetta Standard Standard Horn Type:



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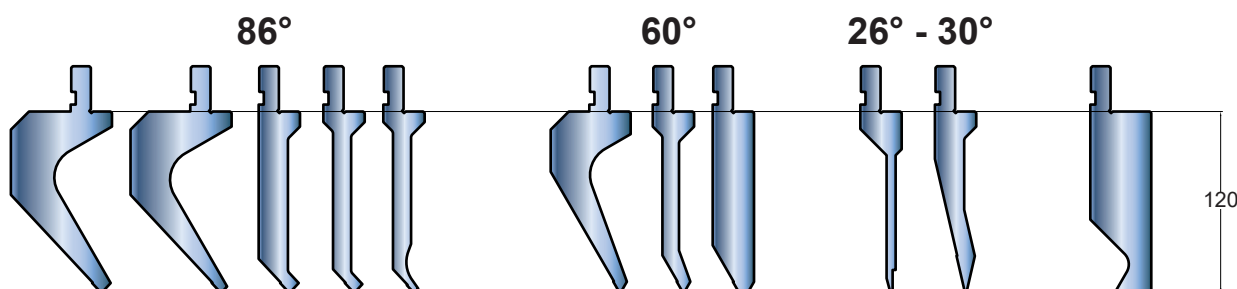
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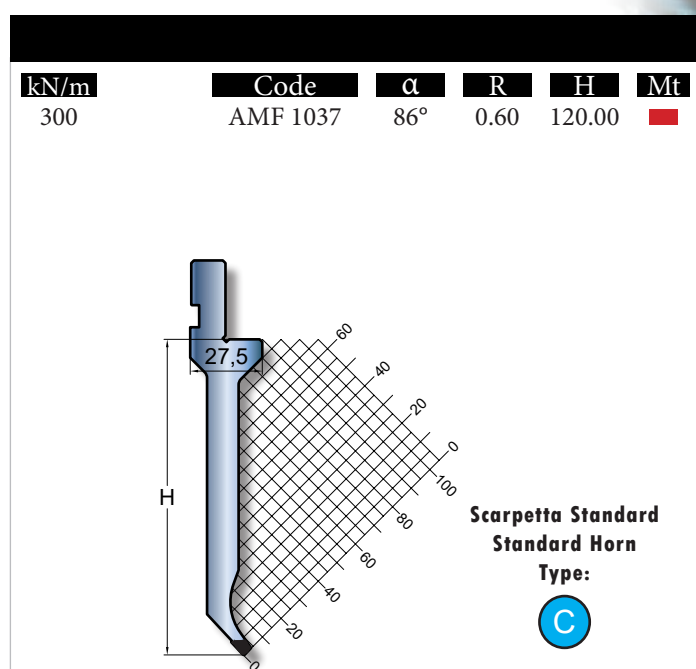
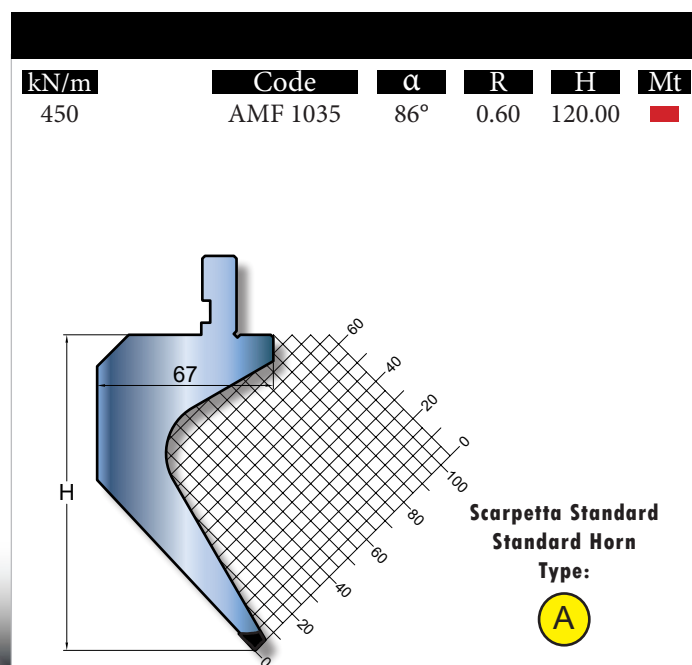
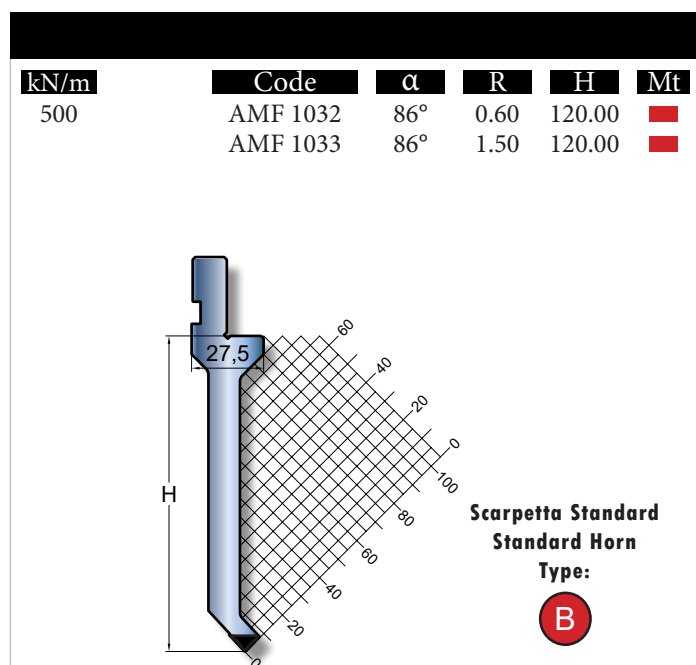
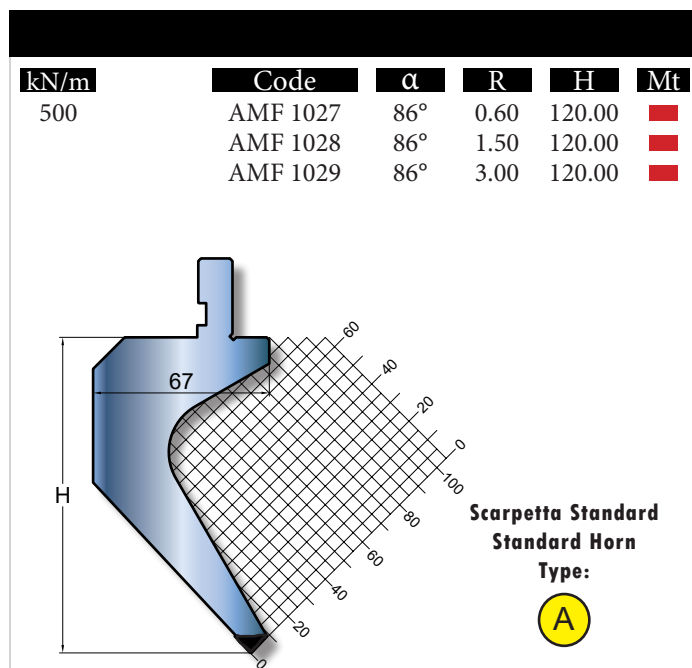
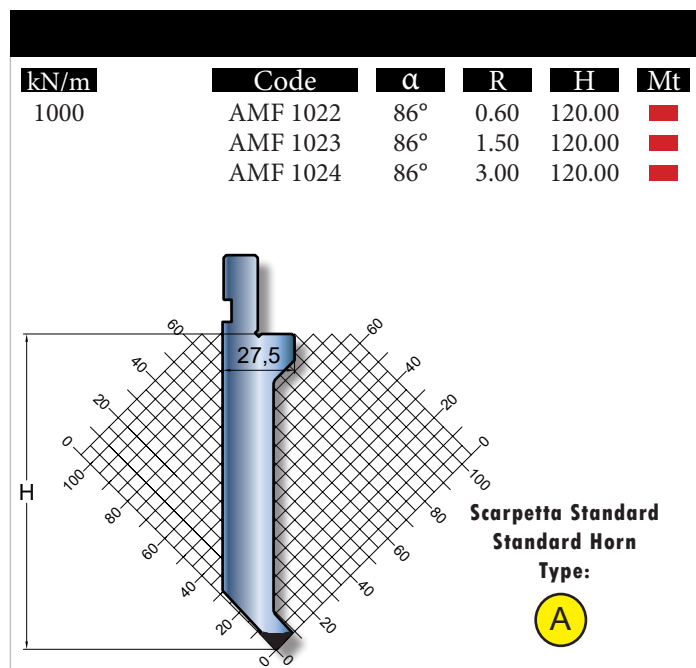
Lunghezze Standard - Standard Lengths

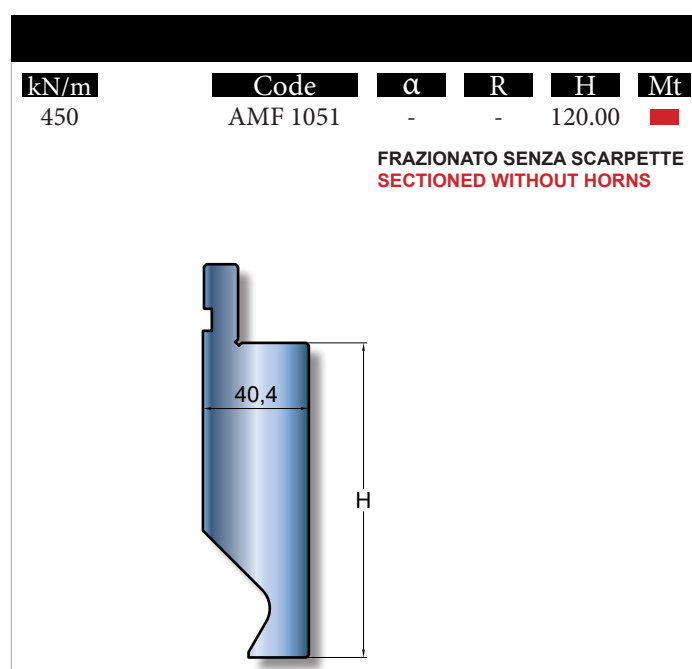
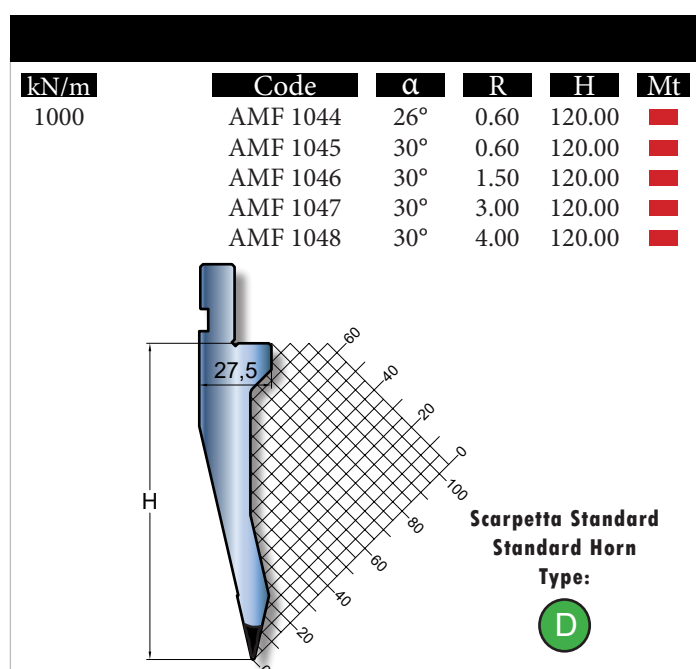
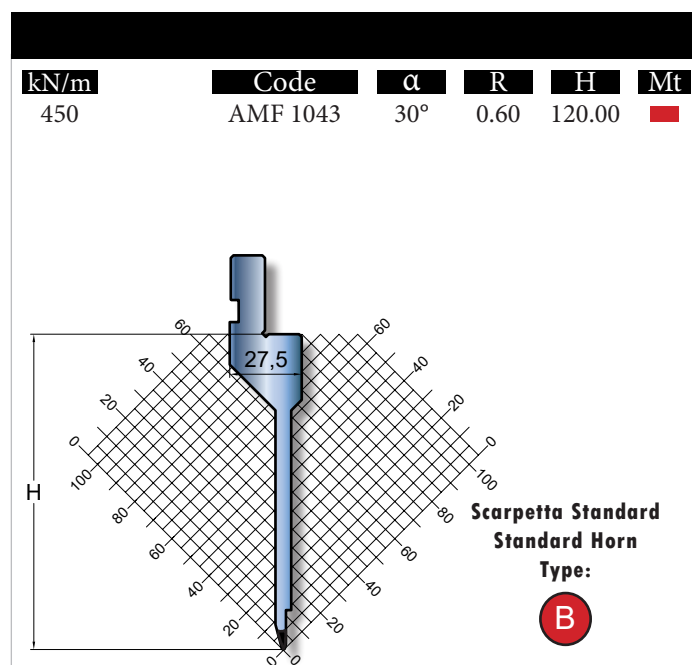
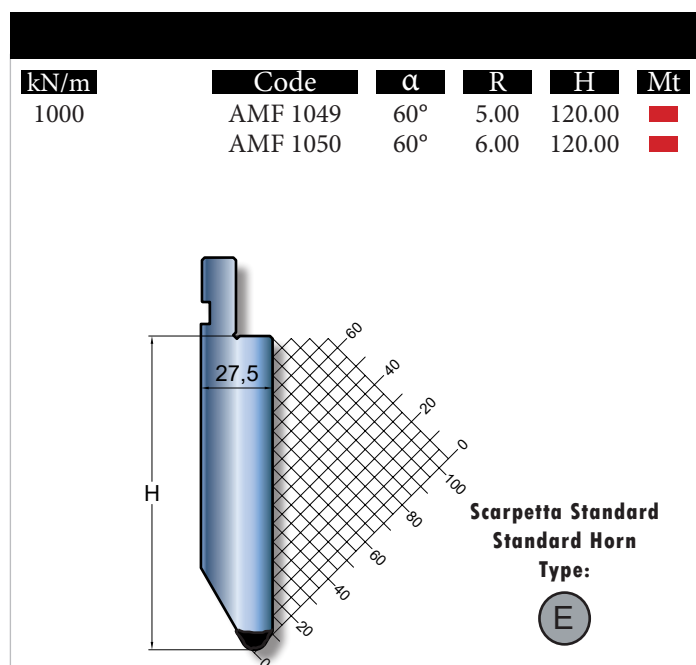
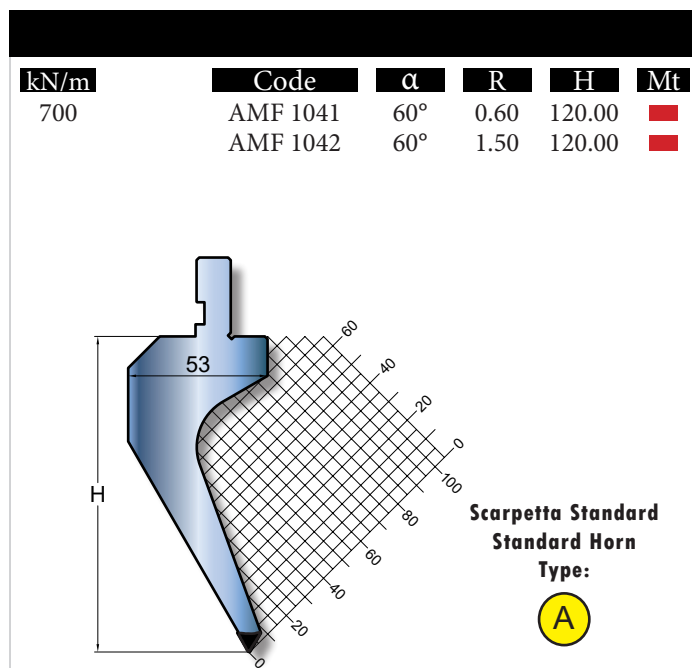
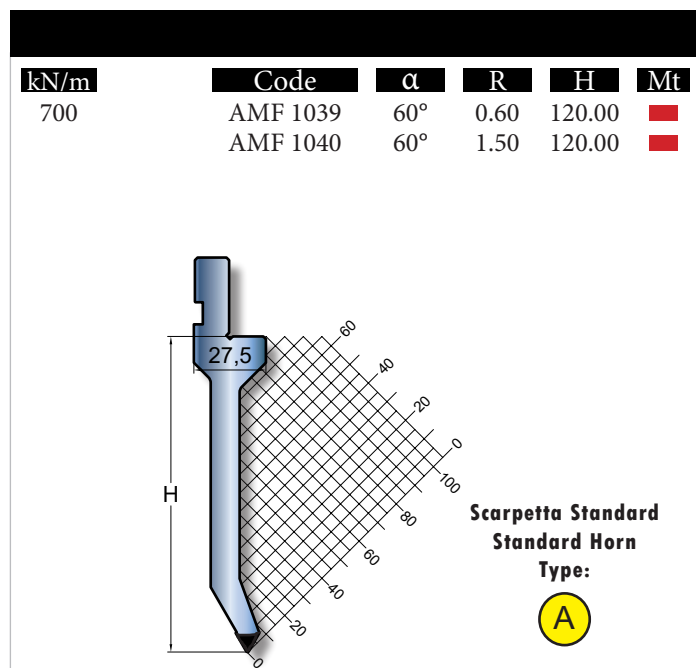


VANTAGGI UTENSILI AMADA AFH: Gli utensili "AFH" consentono all'operatore di realizzare prodotti attraverso una serie di punzoni con profili diversi montati affiancati su un'unica tavola. Inoltre, mediante l'utilizzo della gamma inserti matrice (pag 26), sarà possibile incrementare l'efficienza riducendo i costi di produzione semplificando la realizzazione di complesse sequenze di piega.

ADVANTAGES OF AMADA AFH TOOLS: "AFH" tools are designed to enable the operator to produce bends using different profiles of punches set side by side on one table. Furthermore, by using our inserts dies (pag 26) it will be possible to increase efficiency reducing costs of production, simplifying complicated bending sequences.









AM 4680

kN/m

150

 α

85°

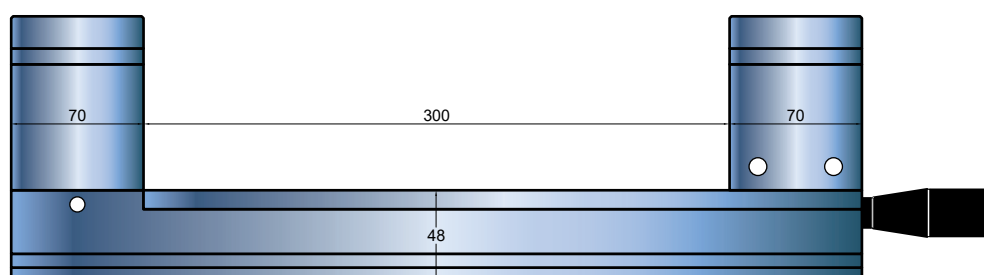
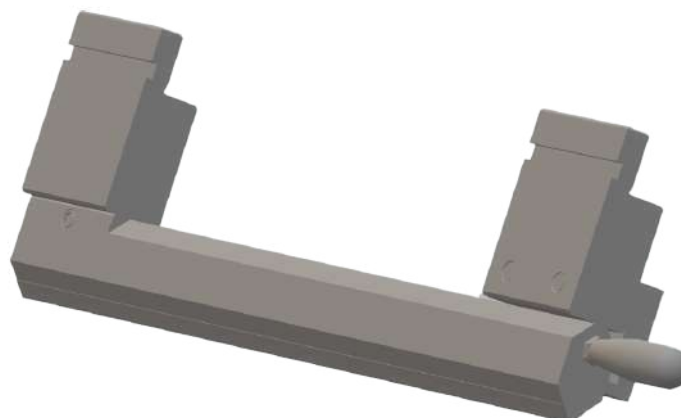
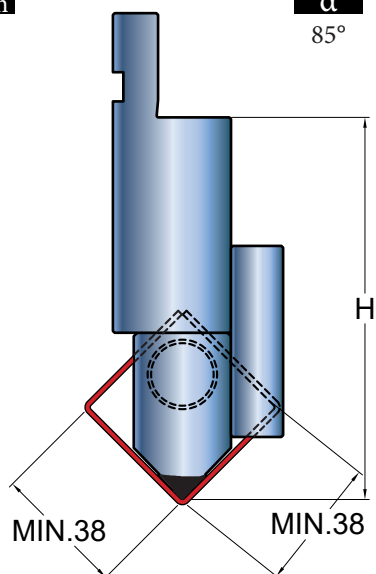
R

0.80

H

110.00

Mt



Scarpette Mobili / Moving Horns **AMADA-PROMECAM** Style

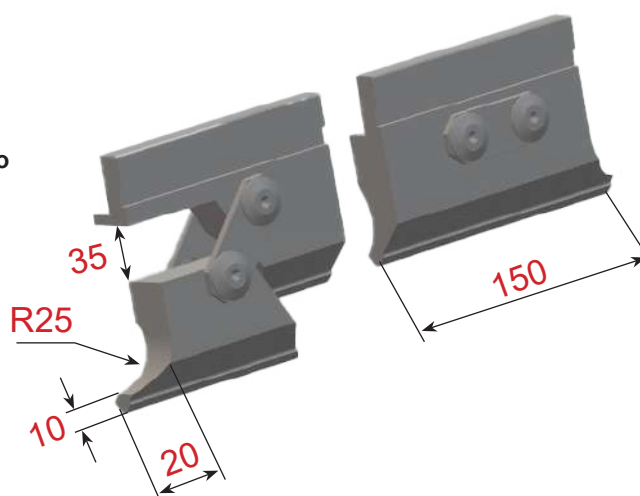
PUNZONI
PUNCHES

SCARPETTE MOBILI
MOVING HORNS

AM 1200	→	AM 4114
AM 1201	→	AM 4116
AM 1170	→	AM 4122

Il carico massimo corrisponde al 50% del carico massimo indicato sul punzone.

The max load is 50% of the max load of the punch.

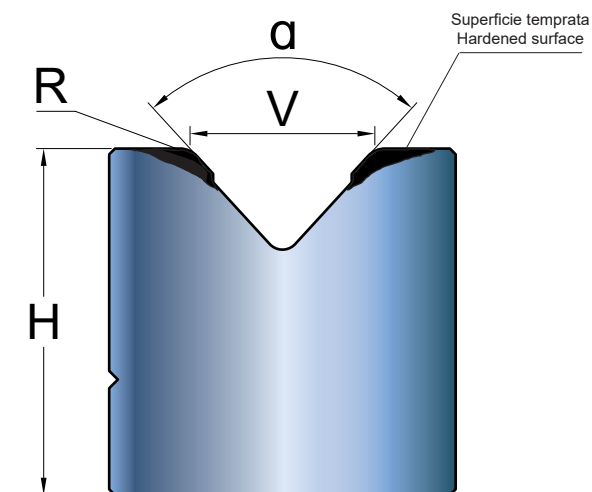


Adatte all'esecuzione di scatole e idonee per le isole robotizzate.

Suitable to boxes production and robot bending cells.

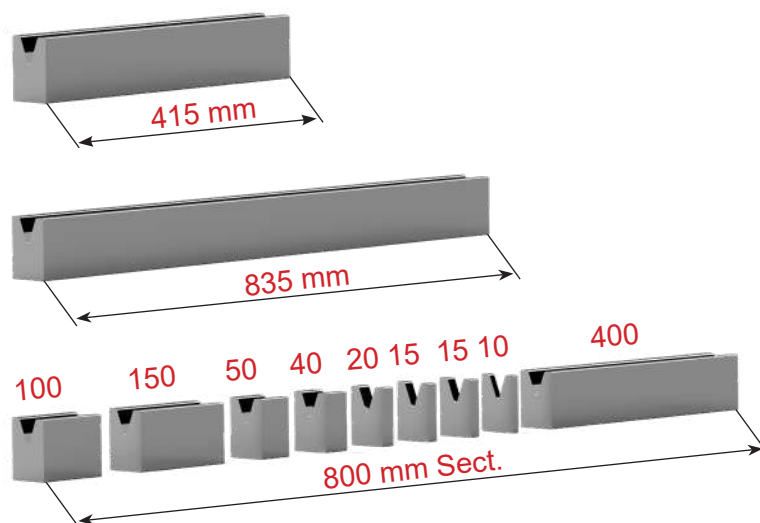


Lunghezze Standard - Standard Lengths

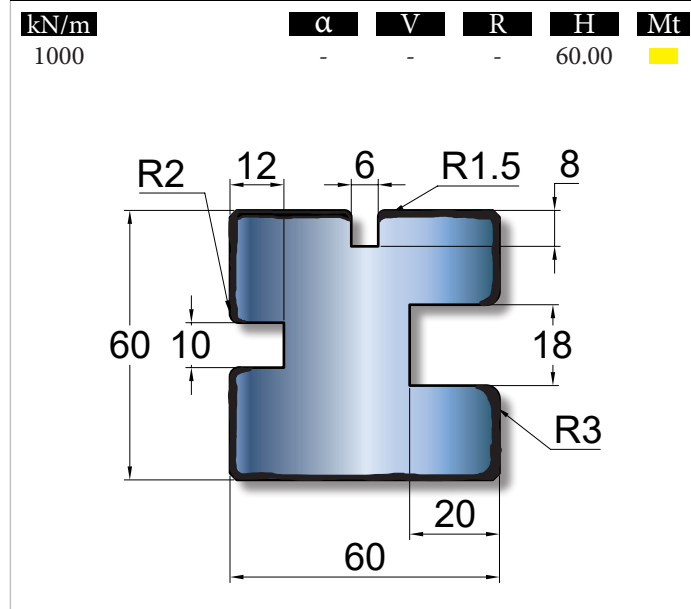


DOVE NON SPECIFICATO, ATTACCO 60mm

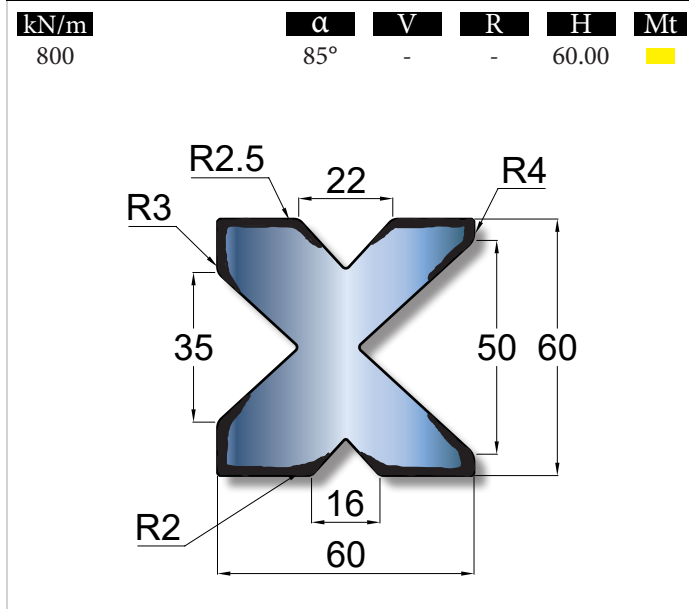
WHEN UNSPECIFIED, CLAMP 60mm



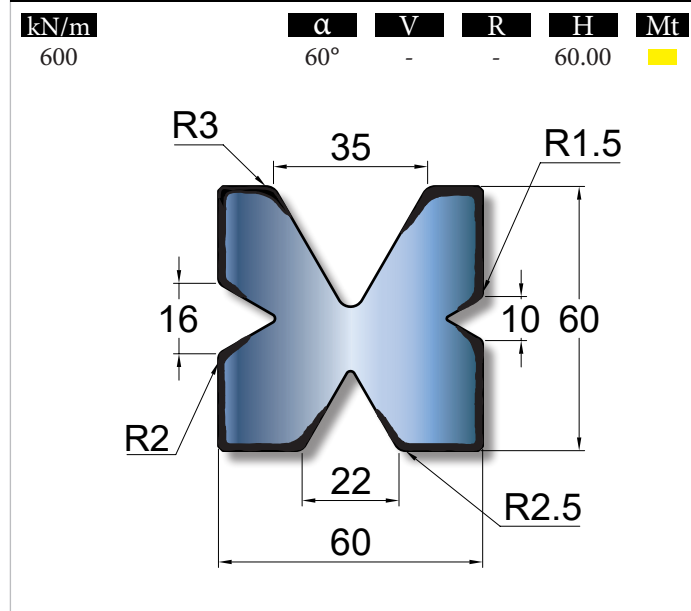
AM 2209



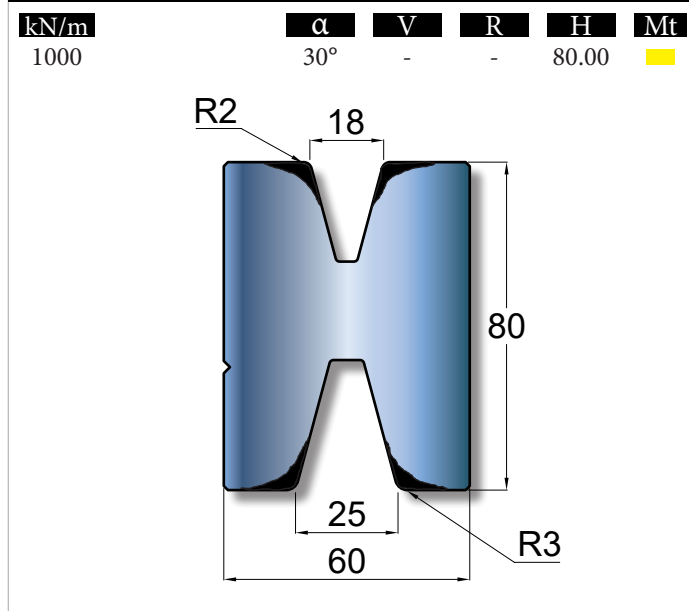
AM 2207



AM 2350

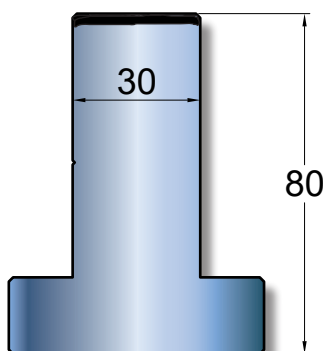


AM 2830

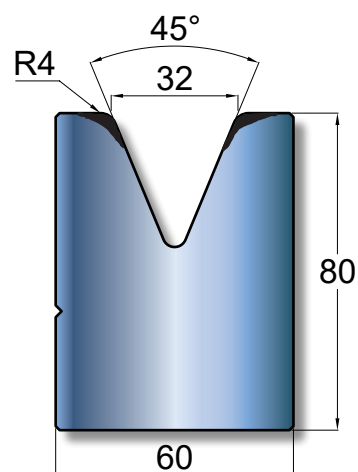


**AM 2240**

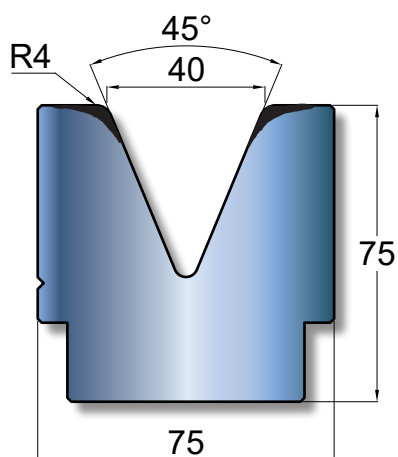
kN/m	α	V	R	H	Mt
1000	-	-	-	80.00	■

**AM 2484**

kN/m	α	V	R	H	Mt
1000	45°	32	4.00	80.00	■

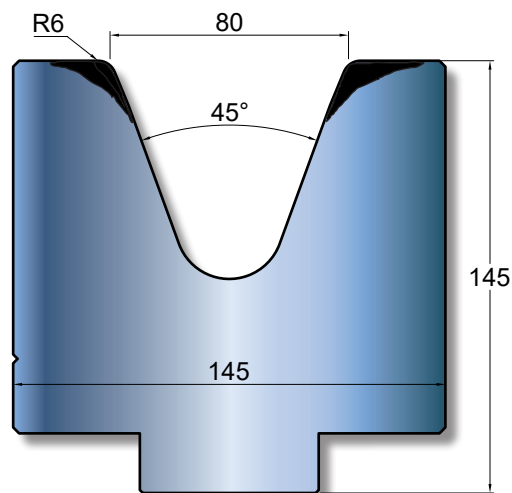
**AM 2440**

kN/m	α	V	R	H	Mt
1000	45°	40	4.00	75.00	■

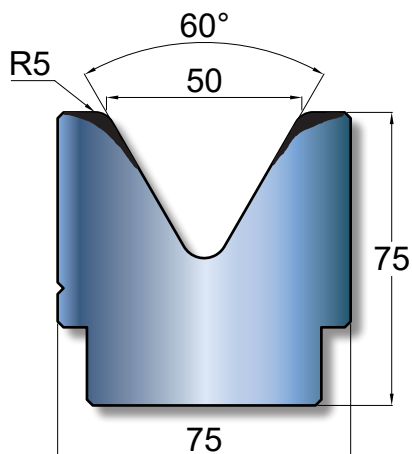
**AM 2380**

kN/m	α	V	R	H	Mt
1000	45°	80	6.00	145.00	■

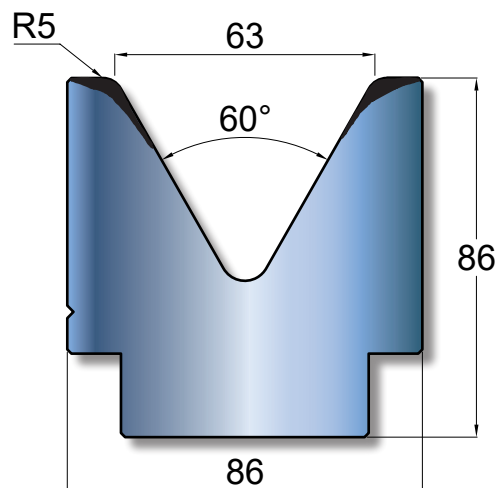
Available only: 200mm - 415mm - 800mm Sect.

**AM 2650**

kN/m	α	V	R	H	Mt
1000	60°	50	5.00	75.00	■

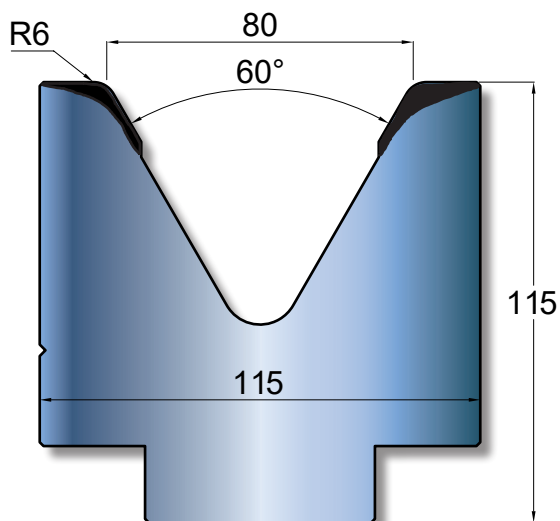
**AM 2370**

kN/m	α	V	R	H	Mt
1000	60°	63	5.00	86.00	■

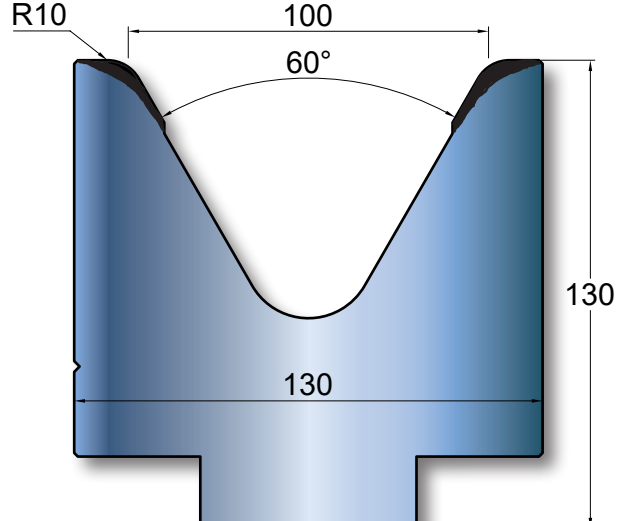


**AM 2680**

kN/m	α	V	R	H	Mt
1000	60°	80	6.00	115.00	■

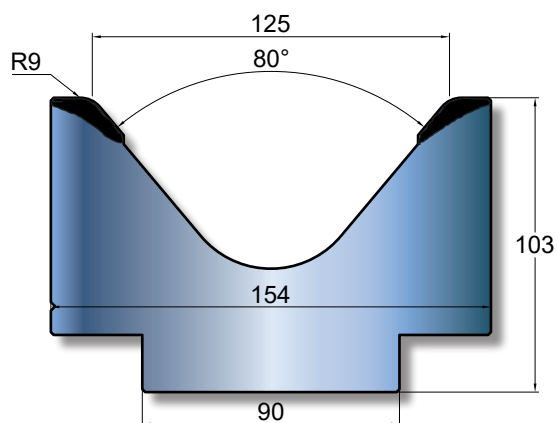
**AM 2610**

kN/m	α	V	R	H	Mt
1000	60°	100	10.00	130.00	■

**AM 2216**

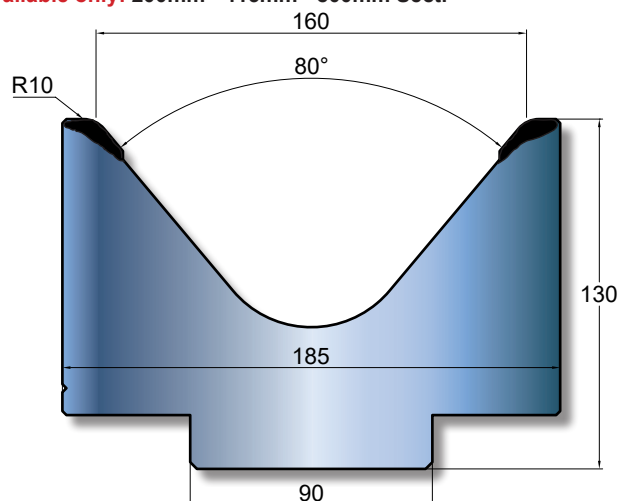
kN/m	α	V	R	H	Mt
1500	80°	125	9.00	103.00	■

Available only: 200mm - 415mm - 800mm Sect.

**AM 2217**

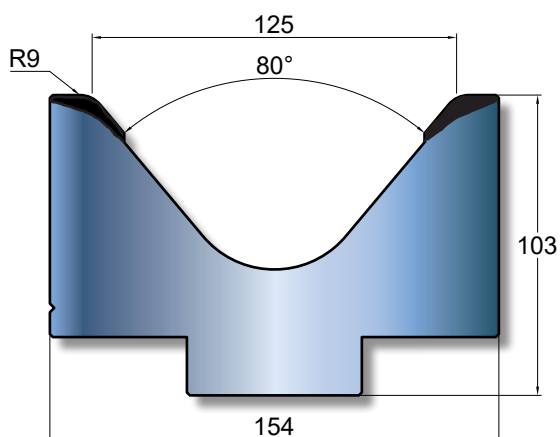
kN/m	α	V	R	H	Mt
1500	80°	160	10.00	130.00	■

Available only: 200mm - 415mm - 800mm Sect.

**AM 2125**

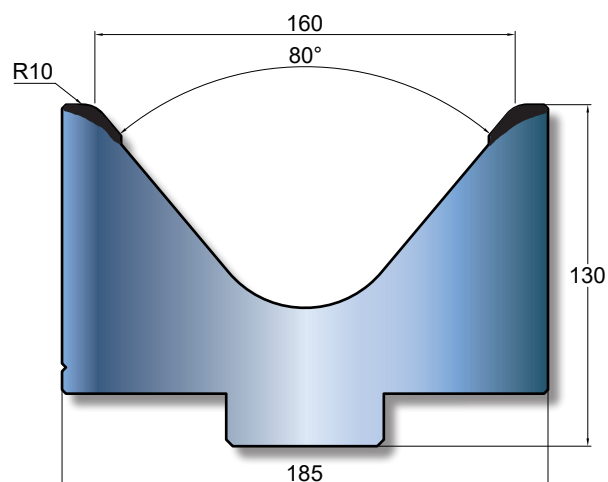
kN/m	α	V	R	H	Mt
1500	80°	125	9.00	103.00	■

Available only: 200mm - 415mm - 800mm Sect.

**AM 2160**

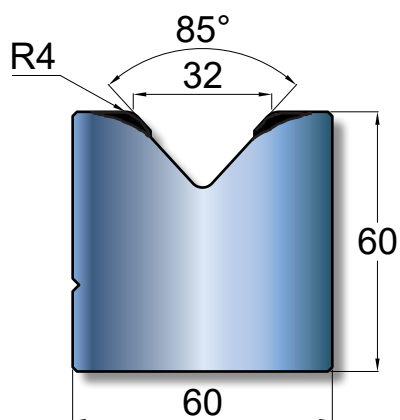
kN/m	α	V	R	H	Mt
1500	80°	160	10.00	130.00	■

Available only: 200mm - 415mm - 800mm Sect.

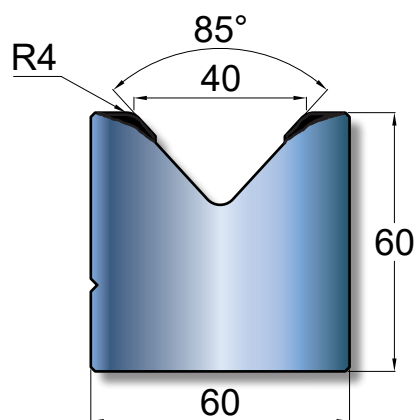


**AM 2210**

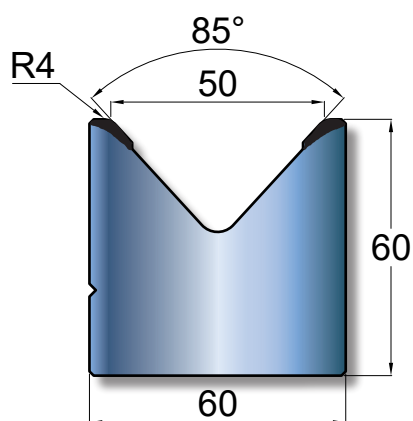
kN/m	α	V	R	H	Mt
1000	85°	32	4.00	60.00	■

**AM 2211**

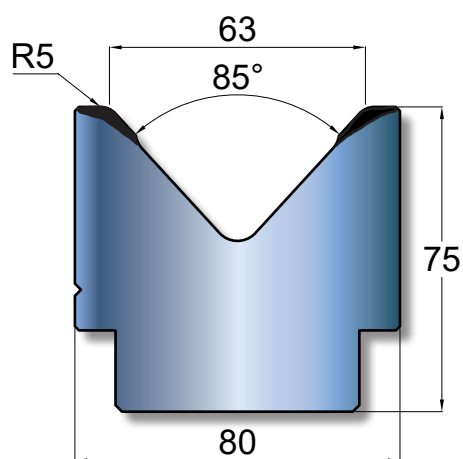
kN/m	α	V	R	H	Mt
1000	85°	40	4.00	60.00	■

**AM 2212**

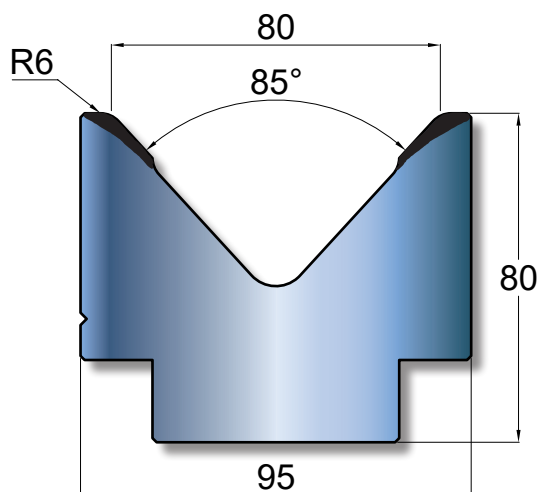
kN/m	α	V	R	H	Mt
1000	85°	50	4.00	60.00	■

**AM 2213**

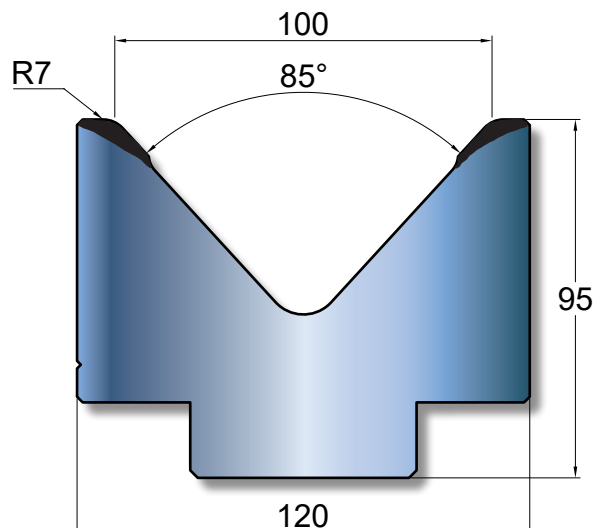
kN/m	α	V	R	H	Mt
1000	85°	63	5.00	75.00	■

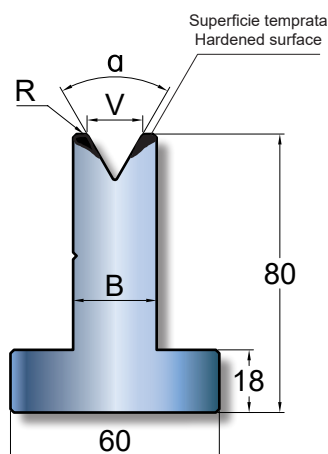
**AM 2214**

kN/m	α	V	R	H	Mt
1000	85°	80	6.00	80.00	■

**AM 2215**

kN/m	α	V	R	H	Mt
1000	85°	100	7.00	95.00	■





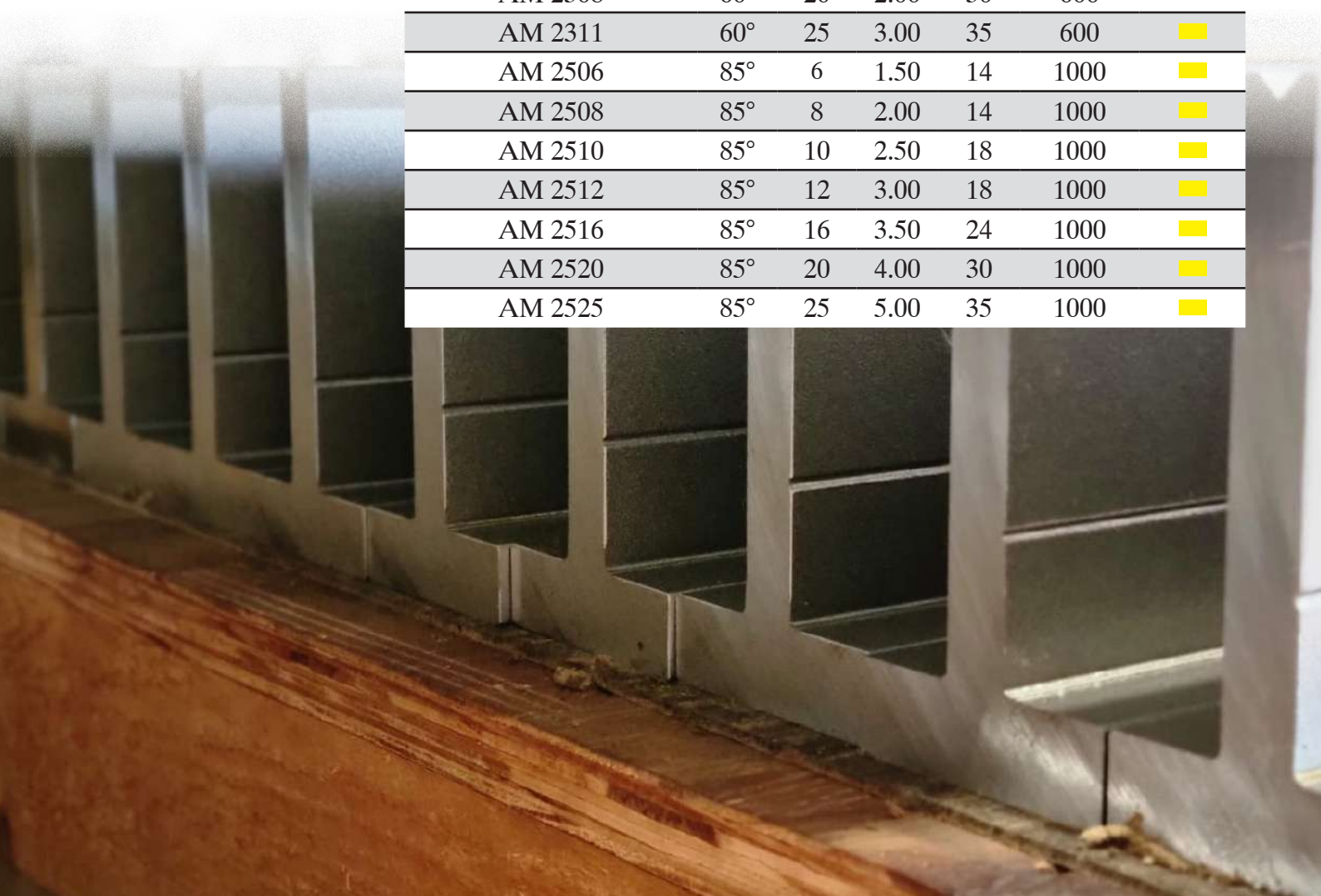
Lunghezze disponibili
Lengths available:

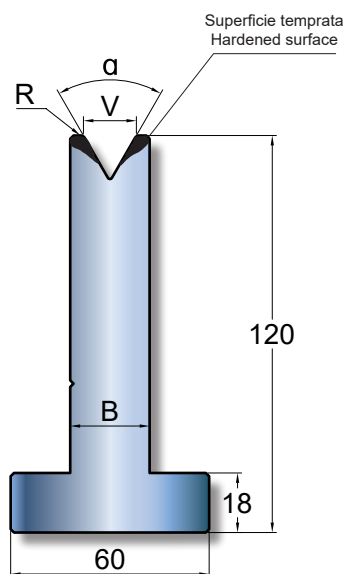
415 mm

835 mm

800 mm Sect.

Code	α	V	R	B	kN/m	Mt
AM 2317	30°	6	0.60	14	350	■
AM 2318	30°	8	0.80	18	350	■
AM 2319	30°	10	1.00	24	500	■
AM 2320	30°	12	1.50	24	400	■
AM 2321	30°	16	2.00	30	450	■
AM 2322	30°	20	2.50	35	500	■
AM 2323	30°	25	3.00	40	500	■
AM 2406	35°	6	1.50	14	400	■
AM 2408	35°	8	2.00	18	400	■
AM 2410	35°	10	2.50	24	550	■
AM 2412	35°	12	3.00	24	450	■
AM 2416	35°	16	3.50	30	500	■
AM 2420	35°	20	4.00	35	600	■
AM 2425	35°	25	5.00	40	600	■
AM 2297	60°	6	0.40	14	600	■
AM 2298	60°	8	0.50	14	600	■
AM 2299	60°	10	0.60	18	600	■
AM 2300	60°	12	0.80	18	600	■
AM 2301	60°	16	1.60	24	600	■
AM 2308	60°	20	2.00	30	600	■
AM 2311	60°	25	3.00	35	600	■
AM 2506	85°	6	1.50	14	1000	■
AM 2508	85°	8	2.00	14	1000	■
AM 2510	85°	10	2.50	18	1000	■
AM 2512	85°	12	3.00	18	1000	■
AM 2516	85°	16	3.50	24	1000	■
AM 2520	85°	20	4.00	30	1000	■
AM 2525	85°	25	5.00	35	1000	■

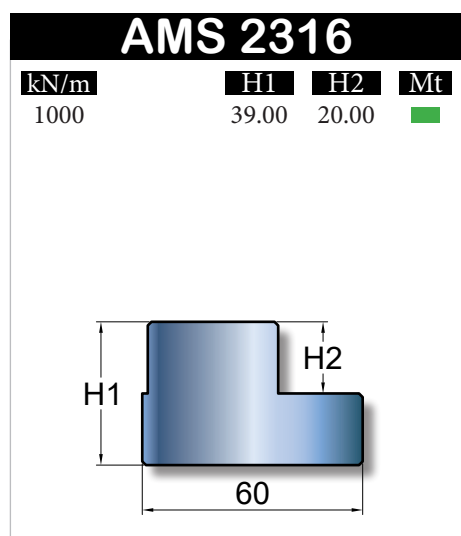
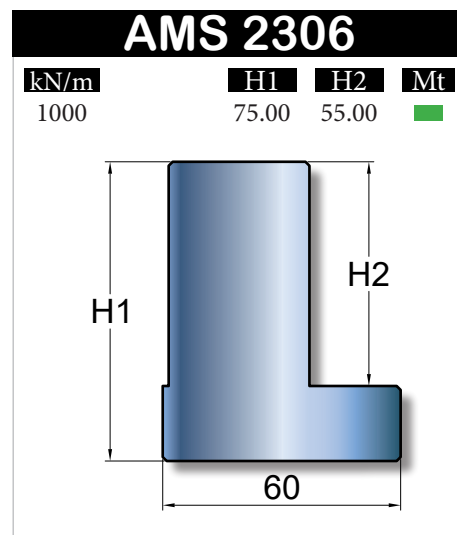
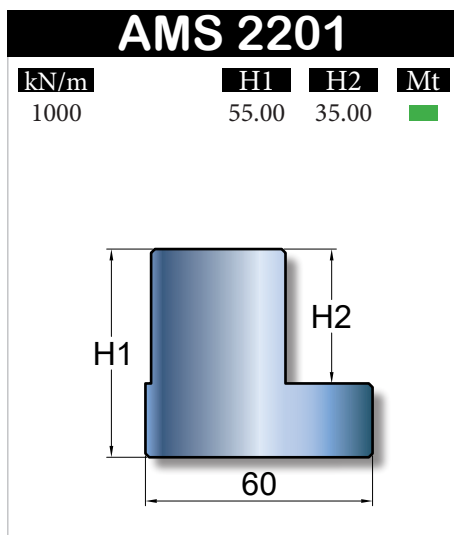
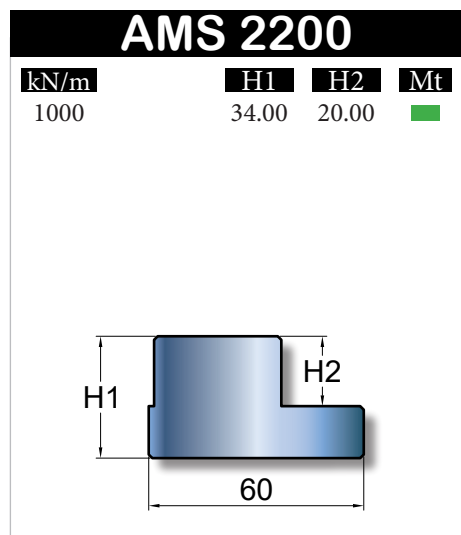




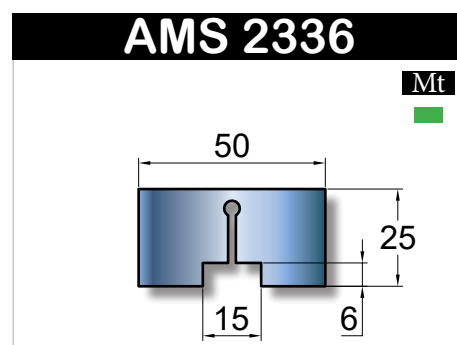
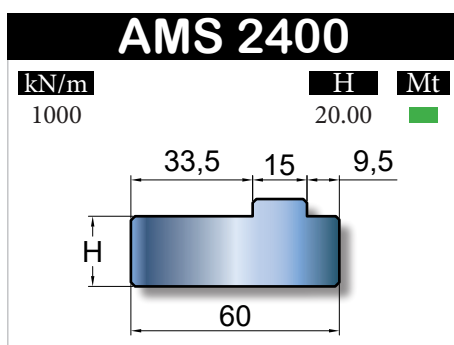
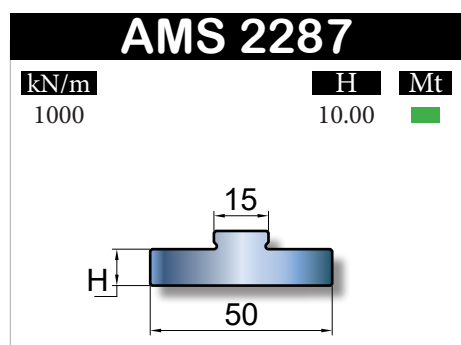
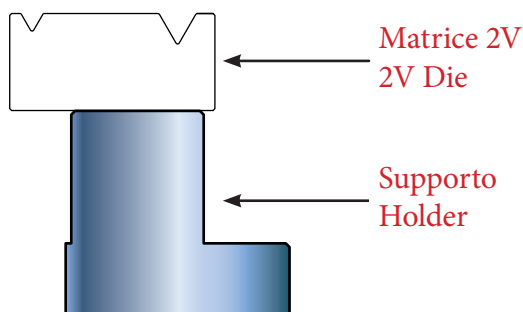
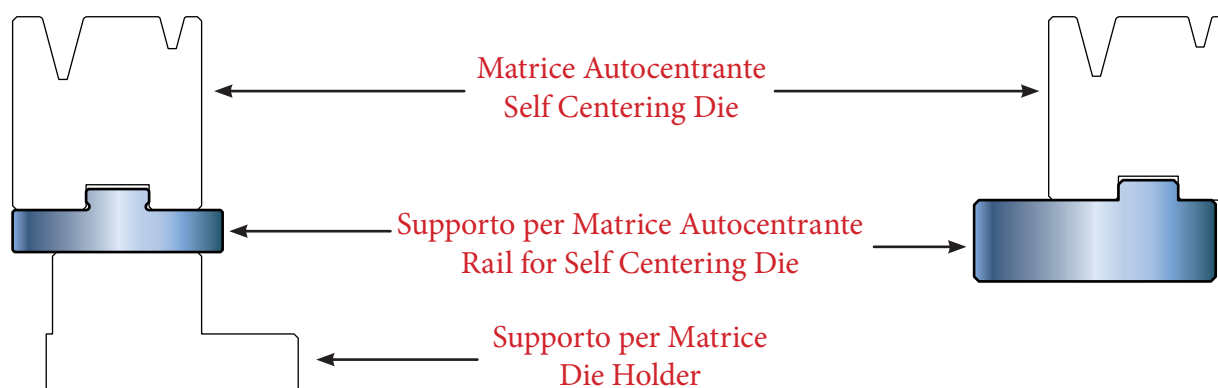
Lunghezze disponibili
Lengths available:

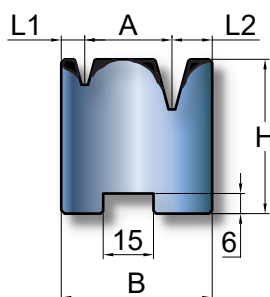
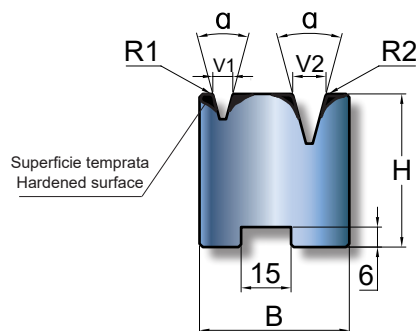
415 mm
835 mm
800 mm Sect.

Code	α	V	R	B	kN/m	Mt
AM 2351	30°	6	0.60	14	350	
AM 2352	30°	8	0.80	18	350	
AM 2353	30°	10	1.00	24	500	
AM 2354	30°	12	1.50	24	400	
AM 2401	30°	16	2.00	30	450	
AM 2402	30°	20	2.50	35	500	
AM 2403	30°	25	3.00	40	500	
AMH 2406	35°	6	1.50	14	400	
AMH 2408	35°	8	2.00	18	400	
AMH 2410	35°	10	2.50	24	550	
AMH 2412	35°	12	3.00	24	450	
AMH 2416	35°	16	3.50	30	500	
AMH 2420	35°	20	4.00	35	600	
AMH 2425	35°	25	5.00	40	600	
AM 2386	60°	6	0.40	14	600	
AM 2387	60°	8	0.50	14	600	
AM 2388	60°	10	0.60	18	600	
AM 2389	60°	12	0.80	18	600	
AM 2390	60°	16	1.60	24	600	
AM 2391	60°	20	2.00	30	600	
AM 2392	60°	25	3.00	35	600	
AMH 2506	85°	6	1.50	14	1000	
AMH 2508	85°	8	2.00	14	1000	
AMH 2510	85°	10	2.50	18	1000	
AMH 2512	85°	12	3.00	18	1000	
AMH 2516	85°	16	3.50	24	1000	
AMH 2520	85°	20	4.00	30	1000	
AMH 2525	85°	25	5.00	35	1000	



Assemblaggio / Assembly

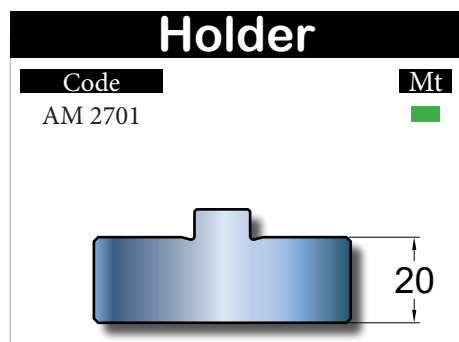

Assemblaggio / Assembly **AMADA-PROMECAM** Style




Lunghezze disponibili
Lengths available:

415 mm
835 mm
800 mm Sect.

Code	α	V1	V2	R1	R2	L1	L2	H	B	A	kN/m	Mt
AM 2438	30°	6	10	0.60	1.00	7.00	12.00	46	45.00	26	400	■
AM 2478	30°	8	12	0.80	1.50	9.50	14.50	46	50.00	26	400	■
AM 2344	85°	4	7	0.60	1.00	3.50	5.00	46	34.50	26	800	■
AM 2345	85°	6	10	1.00	1.50	4.50	6.50	46	37.00	26	800	■
AM 2346	85°	8	12	1.20	1.75	5.50	7.50	46	39.00	26	800	■
AM 2347	85°	12	20	1.75	2.50	7.50	12.00	46	45.50	26	800	■
AM 2349	85°	14	18	1.50	2.00	8.50	10.50	46	45.00	26	800	■
AM 2348	85°	16	25	2.00	3.00	9.50	14.50	46	50.00	26	800	■



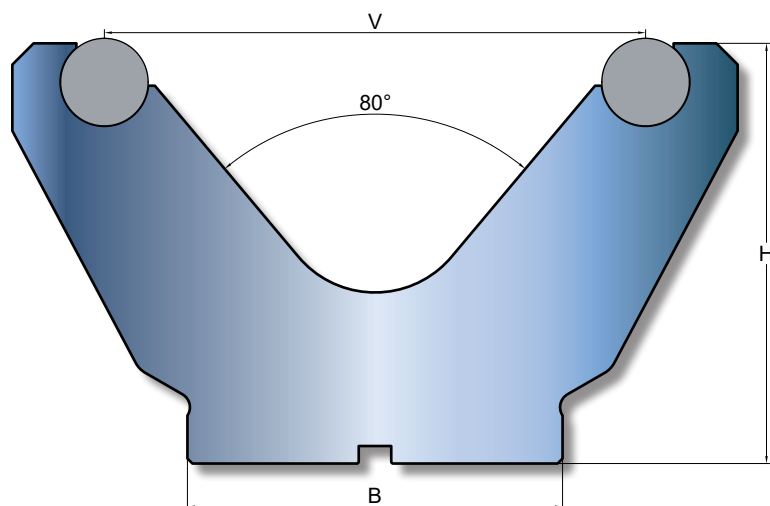
Lunghezze disponibili per supporto e matrici

Lengths available for holders and dies:

100 mm

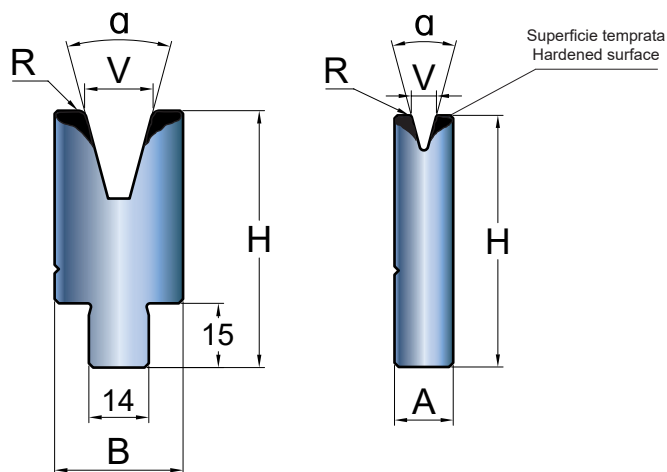
Roller Dies

kN/m
2000



Code	V	H	B	Mt
AM 2720	200	170	150	■
AM 2725	250	200	200	■
AM 2732	320	250	240	■

RULLI TEMPRATI AD INDUZIONE (63 HRC)
INDUCTION HARDENED ROLLS (63 HRC)



Lunghezze disponibili

Lengths available: 415 mm - 835 mm - 800 mm Sect.

Holders for Inserts

Code
AM 2010

**Bloccaggio rapido
Fast Lock**

Code
AM 2020

**Lunghezze disponibili
Lengths available:**

415 mm
835 mm

Mt
■

Code	α	V	R	H	A	B	kN/m	Mt
AMI 2306	30°	6	0.60	60	14	14.00	350	■
AMI 2308	30°	8	0.80	60	14	18.00	350	■
AMI 2310	30°	10	1.00	60	14	24.00	500	■
AMI 2312	30°	12	1.50	60	14	24.00	400	■
AMI 2316	30°	16	2.00	60	14	30.00	450	■
AMI 2320	30°	20	2.50	60	14	35.00	500	■
AMI 2325	30°	25	3.00	65	14	45.00	500	■
AMI 2432	45°	32	5.00	80	14	50.00	1000	■
AMI 2440	45°	40	5.00	80	14	60.00	1000	■
AMI 2606	60°	6	0.60	60	14	12.00	380	■
AMI 2608	60°	8	0.80	60	14	13.50	450	■
AMI 2610	60°	10	1.00	60	14	16.00	550	■
AMI 2612	60°	12	1.20	60	14	17.00	550	■
AMI 2616	60°	16	1.60	60	14	22.00	650	■
AMI 2620	60°	20	2.00	60	14	28.00	850	■
AMI 2625	60°	25	2.50	60	14	31.00	850	■
AMI 2620	84°	32	4.00	60	14	38.00	1000	■
AMI 2625	84°	40	4.00	60	14	46.00	1000	■
AMI 2904	86°	4	1.00	60	14	10.00	750	■
AMI 2906	86°	6	1.50	60	14	11.00	800	■
AMI 2908	86°	8	1.50	60	14	12.00	900	■
AMI 2910	86°	10	1.50	60	14	13.50	1000	■
AMI 2912	86°	12	2.50	60	14	15.00	1000	■
AMI 2914	86°	14	2.50	60	14	17.00	1000	■
AMI 2916	86°	16	2.50	60	14	20.00	1000	■
AMI 2918	86°	18	2.50	60	14	22.00	1000	■
AMI 2920	86°	20	2.50	60	14	24.40	1000	■
AMI 2925	86°	25	3.00	60	14	29.60	1000	■



CUSCINI IN POLIURETANO CON CONTENITORE

VANTAGGI:

- Eliminano i segni di piegatura
- Ideali per la piega di alluminio, inox e lamiere preverniciate
- Adatte per pieghe a "V", raggiate e ad "U".

POLYURETHANE INSERTS AND HOLDERS

ADVANTAGES

- They avoid marks during the bending
- Recommended for bending aluminium, stainless steel and painted surfaces.
- Suitable for "V", radius and "U" bendings.

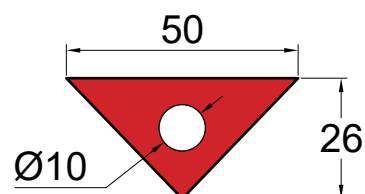
Lunghezze disponibili

Lengths available: 415 mm - 835 mm

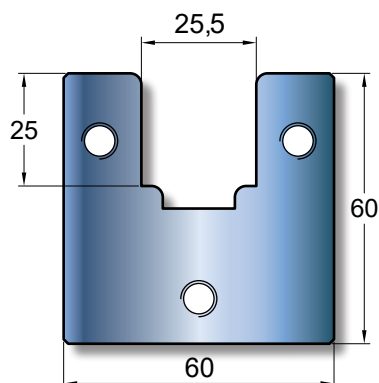
Inserts for AM 2207

Code

AM 2280



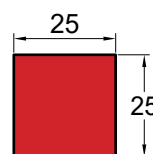
AM 2271



Inserts for AM 2271

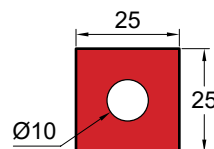
Code

AM 2292

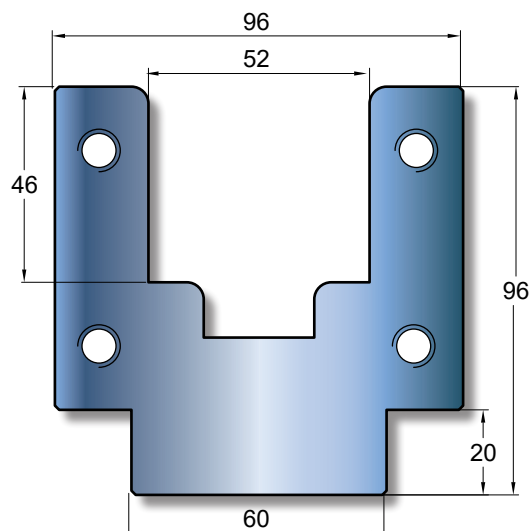


Code

AM 292



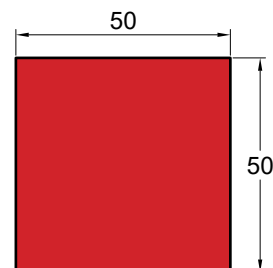
AM 2272



Inserts for AM 2272

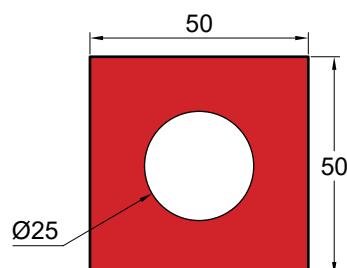
Code

AM 2291



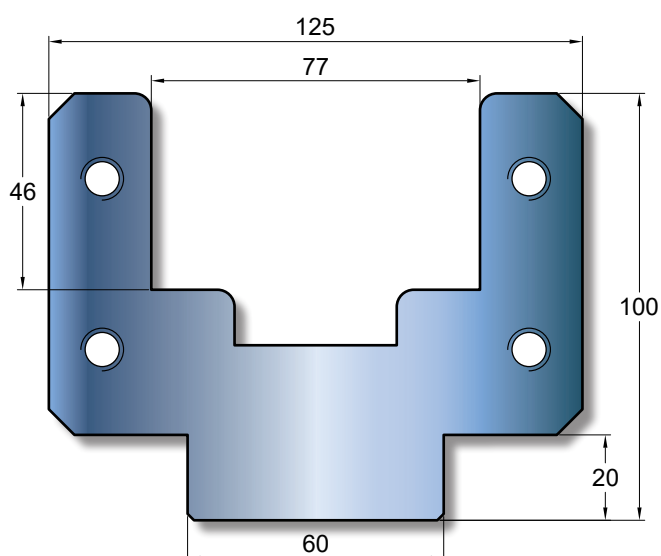
Code

AM 291



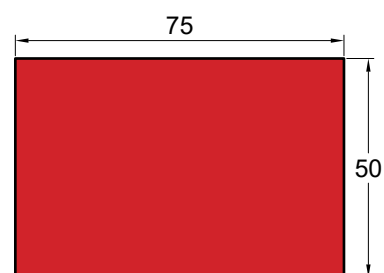


AM 2273

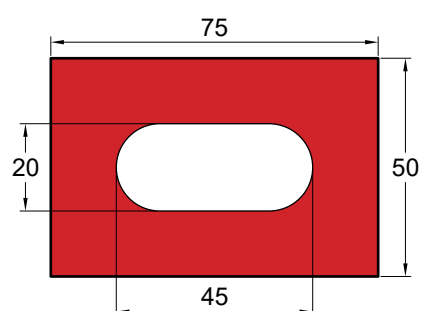


Inserts for AM 2273

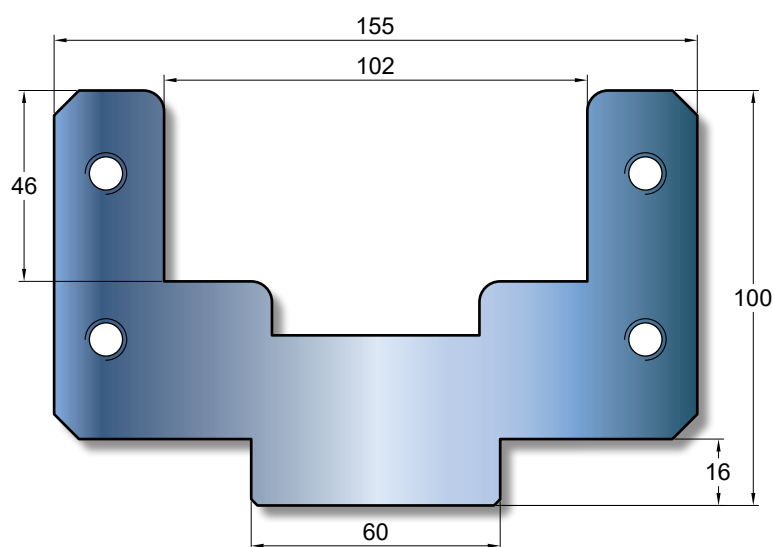
Code
AM 2290



Code
AM 290

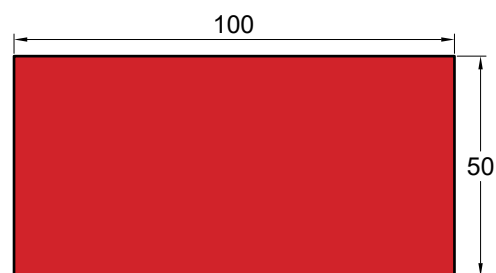


AM 2274

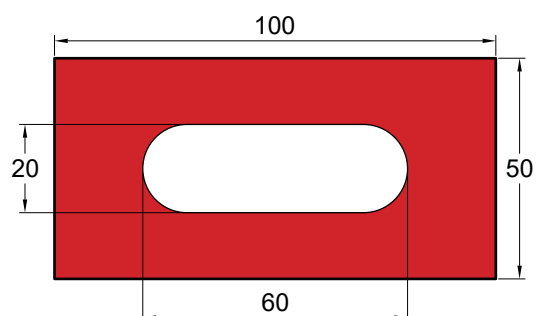


Inserts for AM 2274

Code
AM 2289



Code
AM 289





INSERTI IN NYLON CON CONTENITORE

VANTAGGI:

- Eliminano i segni di piegatura
- Ideali per la piega di alluminio, inox e lamiere preverniciate
- Cambio rapido e semplice.

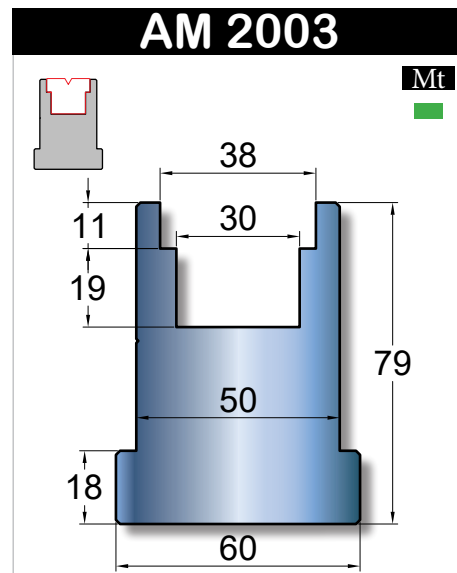
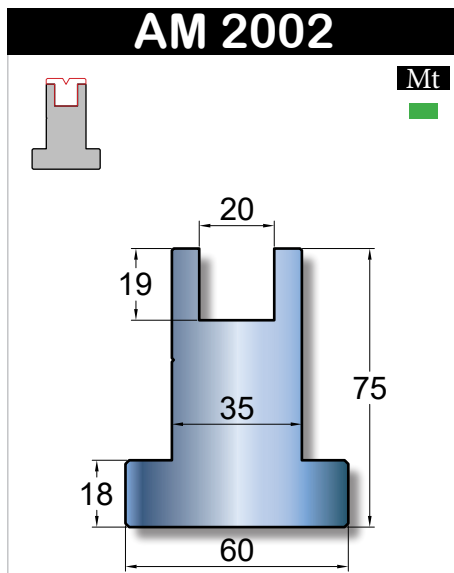
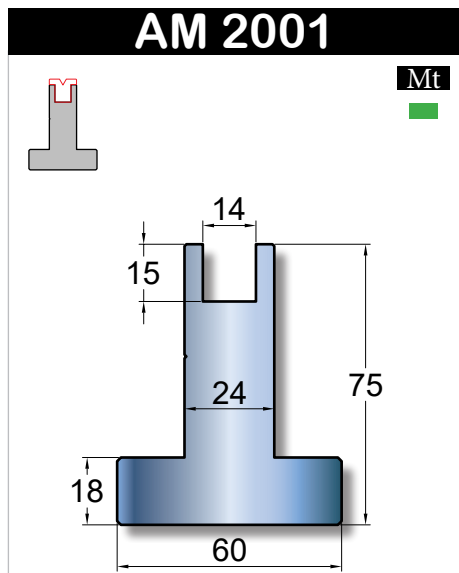
NYLON INSERTS AND HOLDERS

ADVANTAGES

- They avoid marks during the bending
- Recommended for bending aluminium, stainless steel and painted surfaces.
- Fast and easy change.

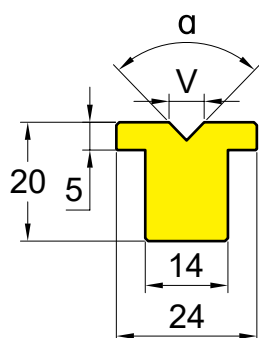
Lunghezze disponibili

Lengths available: 415 mm - 835 mm



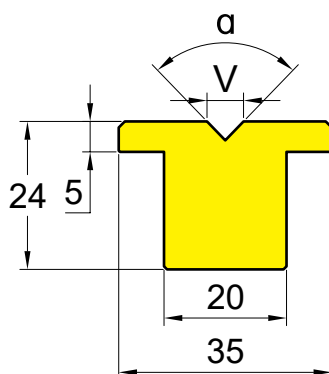
Inserts for AM 2001

kN/m	Code	α	V
200	AMS 306	30°	6
	AMS 308	30°	8
	AMS 406	45°	6
	AMS 408	45°	8
	AMS 410	45°	10
	AMS 606	60°	6
	AMS 608	60°	8
	AMS 610	60°	10



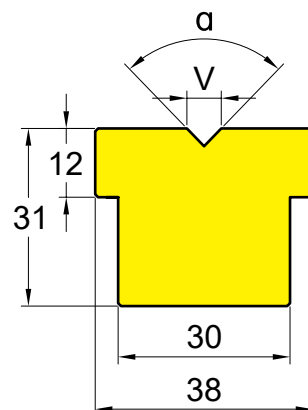
Inserts for AM 2002

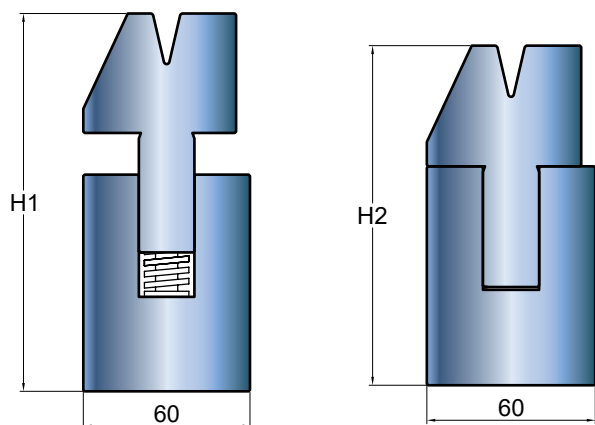
kN/m	Code	α	V
200	AMM 306	30°	6
	AMM 308	30°	8
	AMM 310	30°	10
	AMM 406	45°	6
	AMM 408	45°	8
	AMM 410	45°	10
	AMM 412	45°	12
	AMM 606	60°	6
	AMM 608	60°	8
	AMM 610	60°	10
	AMM 612	60°	12
	AMM 616	60°	16



Inserts for AM 2003

kN/m	Code	α	V
200	AMT 306	30°	6
	AMT 308	30°	8
	AMT 310	30°	10
	AMT 312	30°	12
	AMT 316	30°	16
	AMT 406	45°	6
	AMT 408	45°	8
	AMT 410	45°	10
	AMT 412	45°	12
	AMT 416	45°	16
	AMT 420	45°	20
	AMT 606	60°	6
	AMT 608	60°	8
	AMT 610	60°	10
	AMT 612	60°	12
	AMT 616	60°	16
	AMT 620	60°	20





Lunghezze disponibili
Lengths available:

415 mm

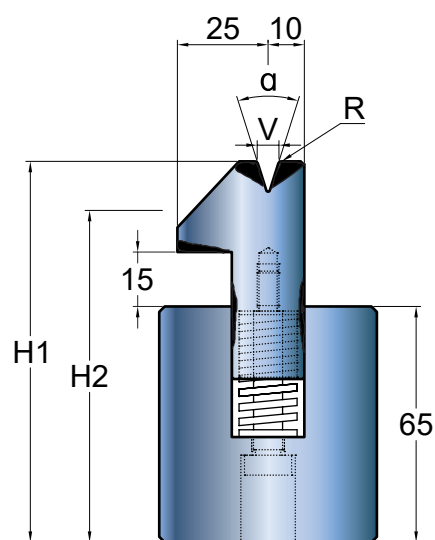
835 mm



AM 2264

kN/m	α	V	R	H1	H2	Mt
600	35°	6	1.00	105	90	

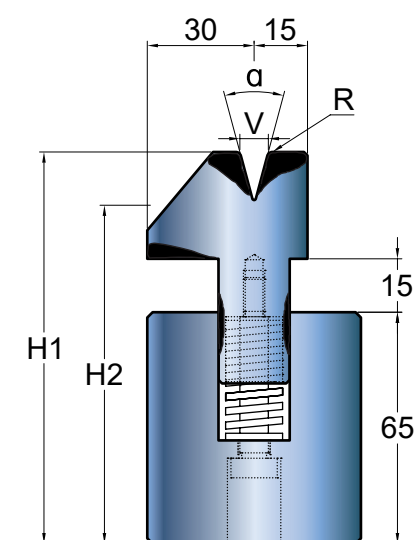
Max sp. 1 mm
Max tk. 1 mm



AM 2303

kN/m	α	V	R	H1	H2	Mt
800	30°	8	1.50	110	95	

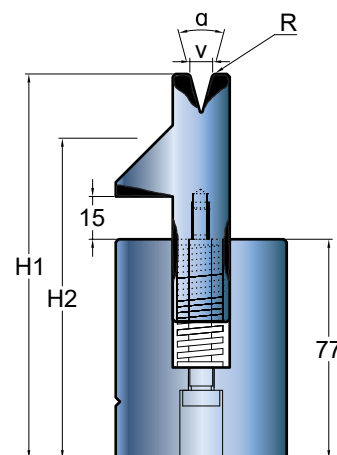
Max sp. 1.5 mm
Max tk. 1.5 mm



AM 2450

kN/m	α	V	R	H1	H2	Mt
600	30°	8	1.50	135	120	

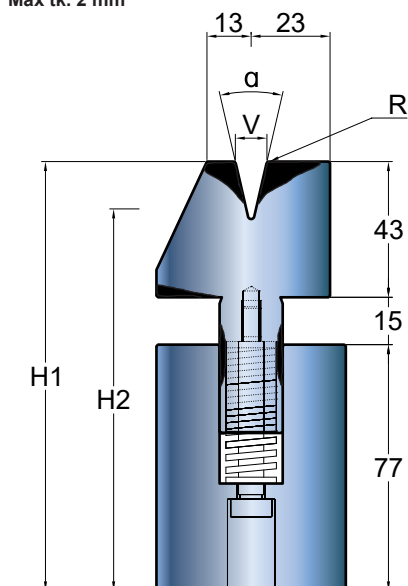
Max sp. 1.5 mm
Max tk. 1.5 mm



AM 2231

kN/m	α	V	R	H1	H2	Mt
1000	26°	10	1.50	135	120	

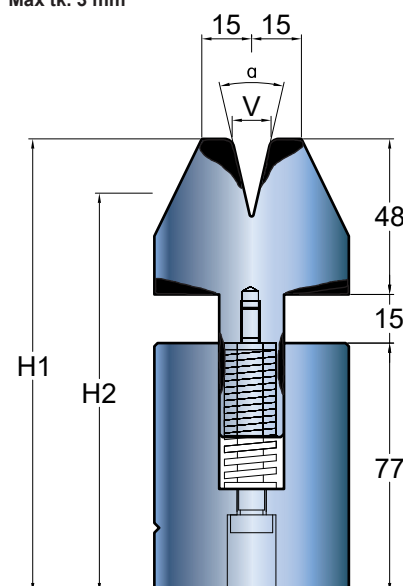
Max sp. 2 mm
Max tk. 2 mm



AM 2305

kN/m	α	V	R	H1	H2	Mt
1000	26°	12	3.00	140	125	

Max sp. 3 mm
Max tk. 3 mm



NOTE:

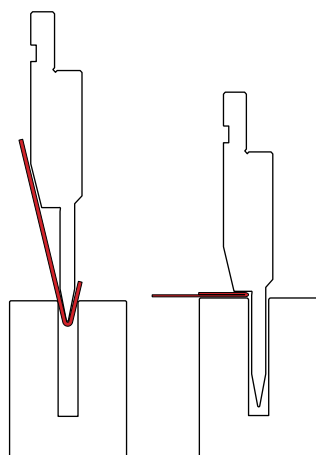
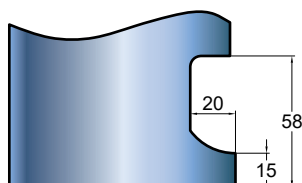
I piega-schiaccia sono disponibili anche in versione pneumatica. Il codice corrisponde alla versione standard con l'aggiunta di una "P".
es: AMP 2231

Hemming tools are available also in pneumatic version. The code is the same as the standard version, with a "P" added in the middle.
es: AMP 2231

NOTE:

Parti di ricambio disponibili separatamente per entrambe le versioni

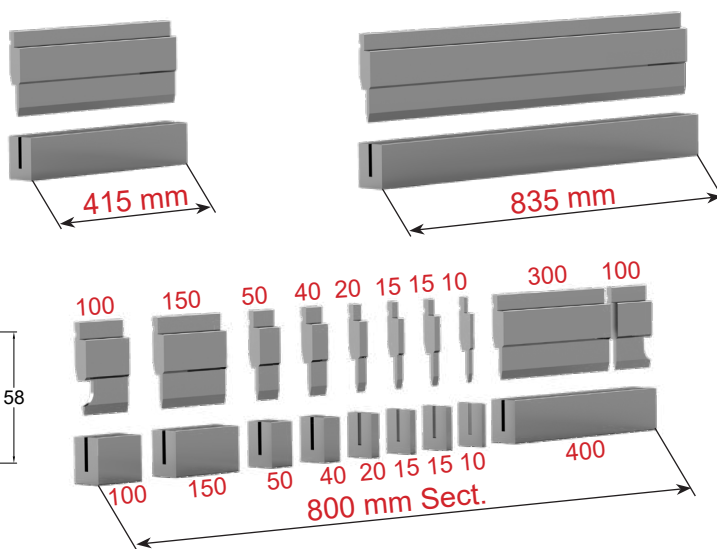
Spare parts available for both versions.


**Scarpetta Standard
Standard Horn**


Il carico massimo delle scarpette corrisponde al 50% del carico massimo indicato sul punzone.

The horns' max load is 50% of the max load of the punch.

Lunghezze Standard - Standard Lengths

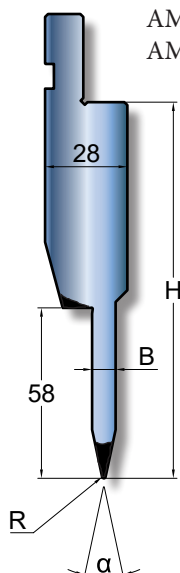


$\sigma \approx 700 \text{ N/mm}^2$				
S [mm]	F [kN/m]	D [mm]	F [kN/m]	2S [mm]
0.60	90	3.0	230	1.2
0.80	120	3.0	320	1.6
1.00	150	3.5	400	2.0
1.25	170	3.5	500	2.5
1.50	220	4.6	630	3.0
2.00	300	5.5	800	4.0
2.50	550	6.5	900	5.0
3.00	700	8.0	1000	6.0

$\sigma \approx 700 \text{ N/mm}^2$				
S [mm]	F [kN/m]	D [mm]	F [kN/m]	2S [mm]
0.60	150	3.0	350	1.2
0.80	200	3.0	500	1.6
1.00	250	3.5	600	2.0
1.25	260	3.5	800	2.5
1.50	380	4.6	950	3.0
2.00	500	5.5	1300	4.0

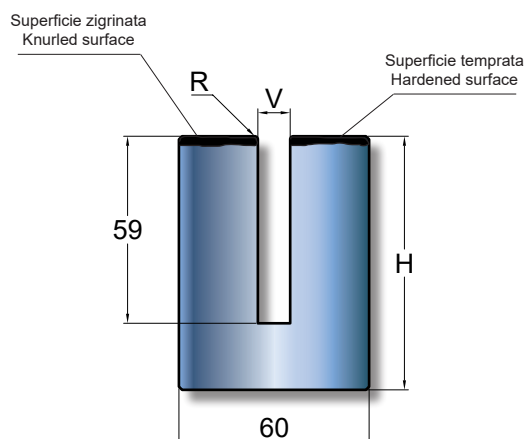
Upper Tool

kN/m	Code	B	α	R	H	Mt
800	AM 1550	8	24°	0.60	128	■
	AM 1554	10	24°	0.60	128	■
	AM 1560	12	24°	0.60	128	■



Lower Tool

kN/m	Code	V	R	H	Mt
500	AM 2550	8.2	1.00	80	■
	AM 2554	10.2	1.00	80	■
	AM 2560	12.2	1.00	80	■





AM 1400

kN/m

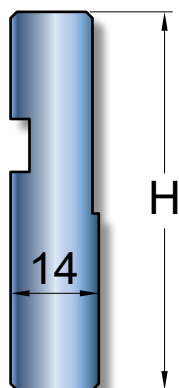
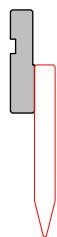
250

H

100

Mt

■



Lunghezze disponibili
Lengths available

100 mm
200 mm
300 mm
500 mm
488 mm Sect.

Blades for AM 1400

kN/m

1000

CODE

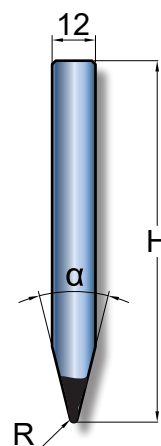
α

R

H

Mt

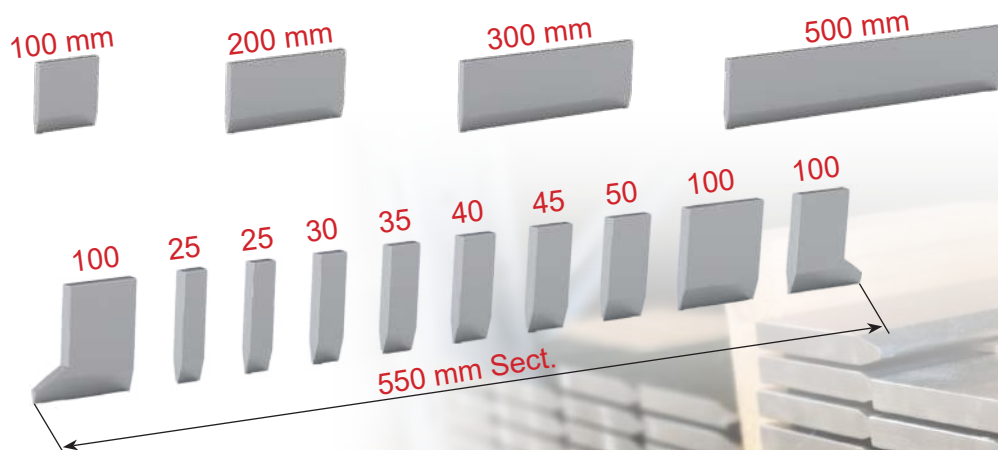
TR 776	86°	1.0	100	■
TR 774	84°	1.0	100	■
TR 769	28°	6.0	100	■
TR 768	28°	5.0	100	■
TR 767	28°	4.0	100	■
TR 766	28°	3.0	100	■
TR 765	28°	2.0	100	■
TR 763	28°	1.0	100	■
TR 761	28°	0.5	100	■



Lunghezze disponibili
Lengths available

100 mm
200 mm
300 mm
500 mm
550 mm Sect.

Lunghezze Standard - Standard Lengths





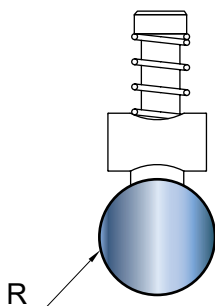
Rounds for AM 1180

NOTE

Parti di ricambio disponibili separatamente.

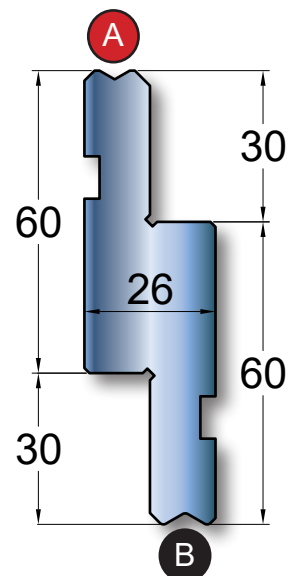
Spare parts available.

Code	R	Side	Mt
AM 1181	3.00	A	■
AM 1182	3.50	A	■
AM 1183	4.00	A	■
AM 1184	4.50	A	■
AM 1185	5.00	B	■
AM 1186	5.50	B	■
AM 1187	6.00	B	■
AM 1188	6.50	B	■



AM 1180

kN/m	Mt
800	■

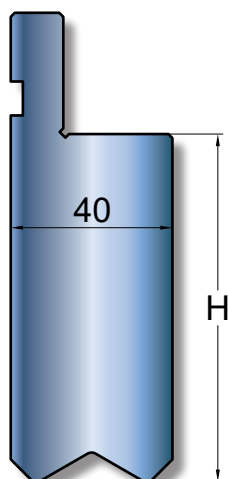


Lunghezze disponibili
Lengths available
412 mm
830 mm

AM 1192

kN/m
1300

H	Mt
86.00	■



Lunghezze disponibili
Lengths available
100 mm
200 mm
300 mm
500 mm
550 mm Sect.

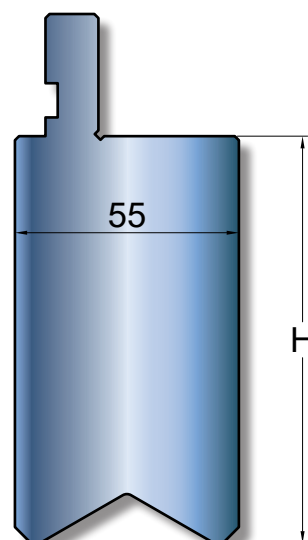
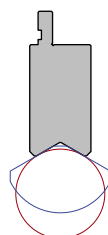
NOTE

R Min = 10 mm
R Max = 25 mm

AM 1193

kN/m
1500

H	Mt
100.00	■



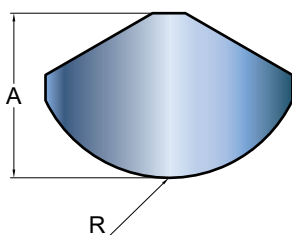
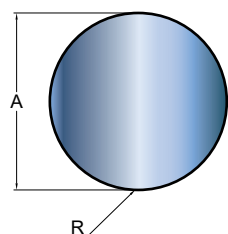
Lunghezze disponibili
Lengths available
100 mm
200 mm
300 mm
500 mm
550 mm Sect.

NOTE

R Min = 15 mm
R Max = 50 mm

Rounds for AM 1192 - AM 1193

Code	R	A	Mt
AMR 030	10.00	20	■
AMR 031	12.50	25	■
AMR 032	15.00	30	■
AMR 033	17.50	35	■
AMR 034	20.00	40	■
AMR 035	25.00	50	■
AMR 036	30.00	60	■
AMR 037	35.00	70	■
AMR 038	40.00	80	■
AMR 039	45.00	89	■
AMR 040	50.00	60	■



Lunghezze disponibili
Lengths available
100 mm
200 mm
300 mm
500 mm
550 mm Sect.





AM 1115

kN/m 800 **H** 67.0 **Mt** ■

Lunghezze disponibili
Lengths available
412 mm
830 mm

AM 1116

kN/m 800 **H** 115.0 **Mt** ■

Lunghezze disponibili
Lengths available
412 mm
830 mm

AM 1191

kN/m 500 **H** 115.0 **Mt** ■

Lunghezze disponibili
Lengths available
412 mm
830 mm

AM 1190

kN/m 500 **H** 87.0 **Mt** ■

Lunghezze disponibili
Lengths available
412 mm
830 mm

Rounds for AM 1115 - AM 1116 - AM 1190 - AM 1191

Mt		CODE	R	A
■		AM 1300	7.0	11.5
■		AM 1301	7.5	11.5
		AM 1302	8.0	13.0
		AM 1303	9.0	16.0
		AM 1304	10.0	16.0
		AM 1305	11.0	16.0
		AM 1306	11.5	19.0
		AM 1307	12.0	20.0

NOTE
Il codice per ordinare il modello 42CrMo4 nitrurato contiene una "H" (es: AMH 1300).
The code for the version 42CrMo4 nitrided contains an "H" (ex: AMH 1300).

Lunghezze
Lengths
415 mm
835 mm

Mt		CODE	A	B
■		AM 1325	17	22

Lunghezze
Lengths
415 mm
835 mm

Mt		CODE	R	A	B
■		AM 1308	12.5	16.0	21.0
■		AM 1309	13.0	17.0	23.0
		AM 1310	14.0	19.0	25.0
		AM 1311	15.0	20.0	27.0
		AM 1312	16.0	21.0	28.0
		AM 1313	17.0	21.5	31.5
		AM 1314	17.5	22.0	32.0
		AM 1315	19.0	25.0	32.0
		AM 1316	20.0	24.0	34.0
		AM 1317	22.5	25.0	33.0
		AM 1318	25.0	29.0	39.0
		AM 1319	27.5	34.0	44.0
		AM 1320	30.0	34.0	44.0
		AM 1321	35.0	45.0	55.0
		AM 1322	40.0	45.0	55.0
		AM 1323	45.0	50.0	60.0
		AM 1324	50.0	54.0	64.0

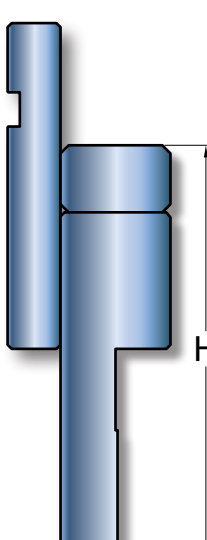
NOTE
Il codice per ordinare il modello 42CrMo4 nitrurato contiene una "H" (es: AMH 1300).
The code for the version 42CrMo4 nitrided contains an "H" (ex: AMH 1300).

Lunghezze
Lengths
415 mm
835 mm



Type 1

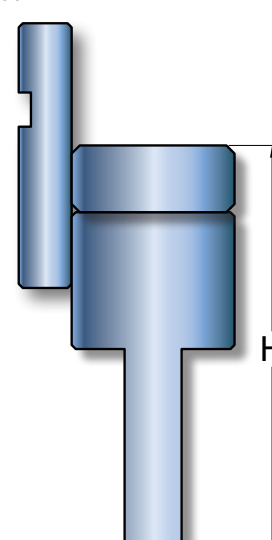
kN/m	Code	L	H	Mt
1000	AM 5666	150	100	■
	AM 5668	150	120	■
	AM 5512	150	150	■
	AM 5705	70	100	■
	AM 5706	70	120	■
	AM 5708	70	150	■



NOTE
Staffe NON comprese
Clamp plates NOT included

Type 2

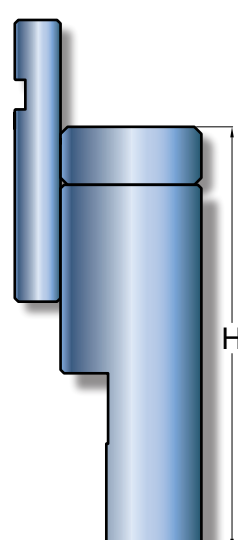
kN/m	Code	L	H	Mt
1000	AM 5680	150	100	■
	AM 5667	150	120	■
	AM 5669	150	150	■
	AM 5707	70	120	■
	AM 5710	70	150	■



NOTE
Staffe NON comprese
Clamp plates NOT included

Type 3

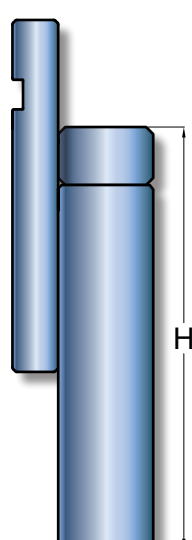
kN/m	Code	L	H	Mt
1000	AM 5673	150	120	■



NOTE
Staffe NON comprese
Clamp plates NOT included

Type 4

kN/m	Code	L	H	Mt
1000	AM 5674	150	120	■

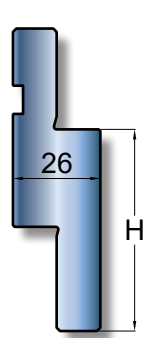


NOTE
Staffe NON comprese
Clamp plates NOT included

Prolunghe & Adattatori/ Extensions & Adapters AMADA-PROMECAM Style

AM 5959

kN/m	L	H	Mt
1000	150	60	■

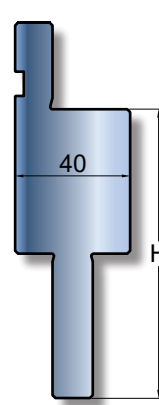


**PROLUNGA
EXTENSION
AMADA**

NOTE
Staffe NON comprese
Clamp plates NOT included

AM 5671

kN/m	L	H	Mt
1000	150	100	■

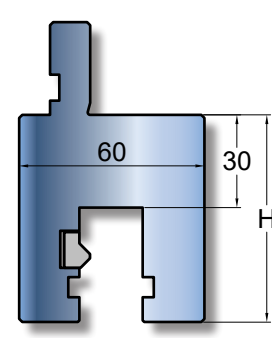


**PROLUNGA
EXTENSION
AMADA**

NOTE
Staffe NON comprese
Clamp plates NOT included

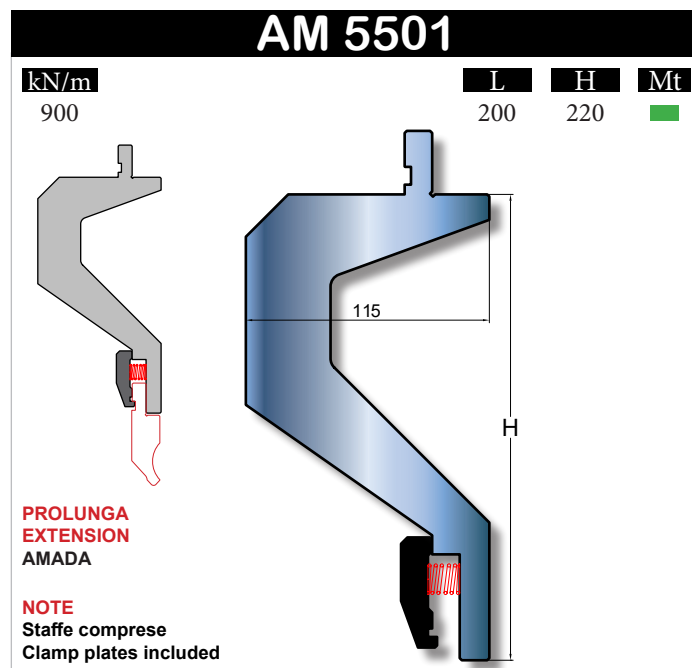
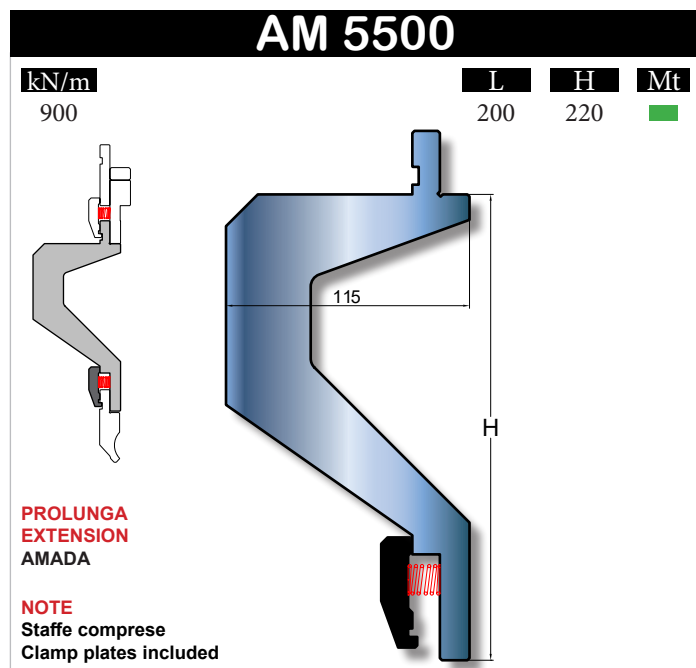
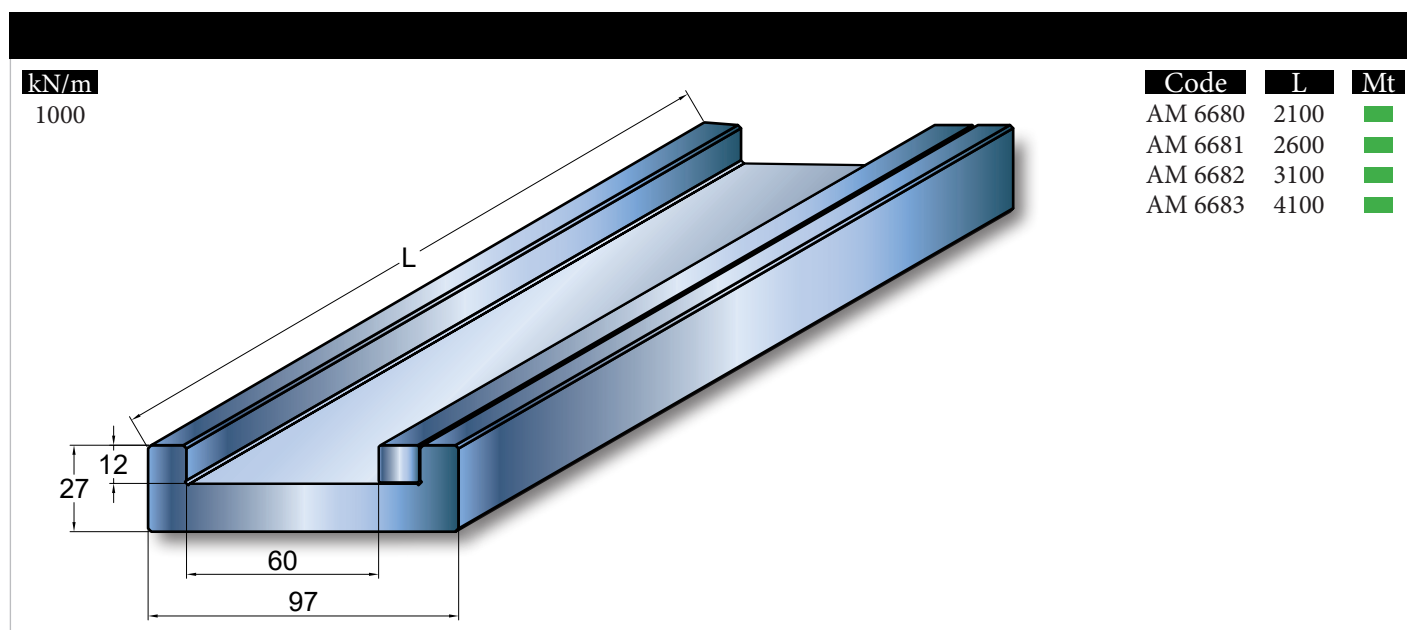
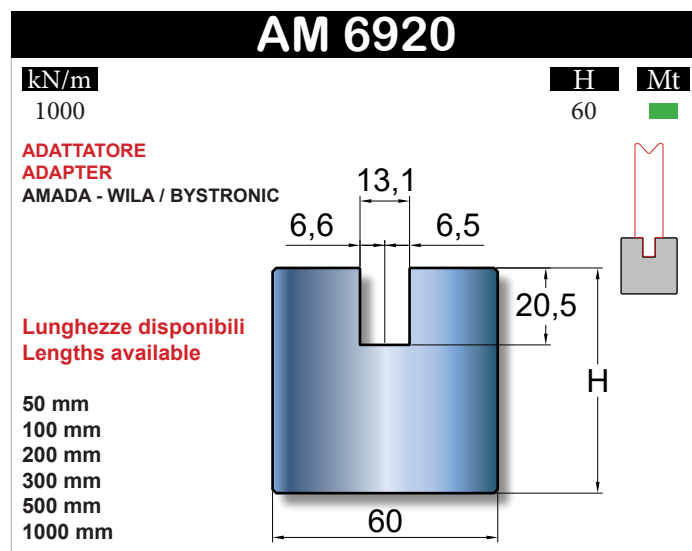
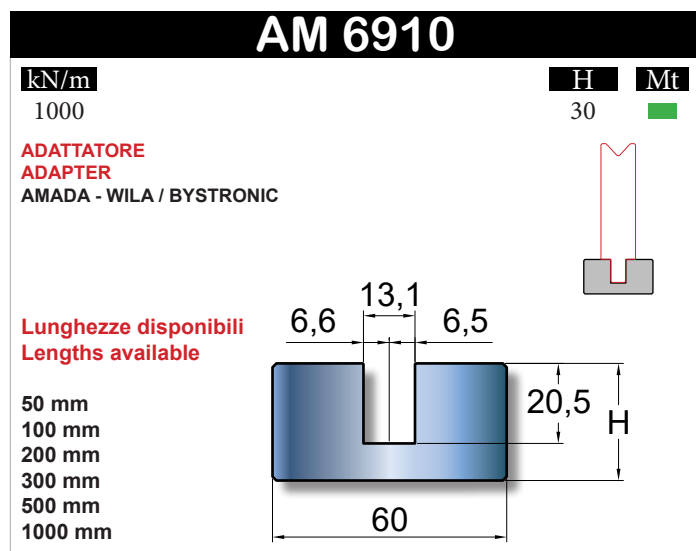
AM 5430

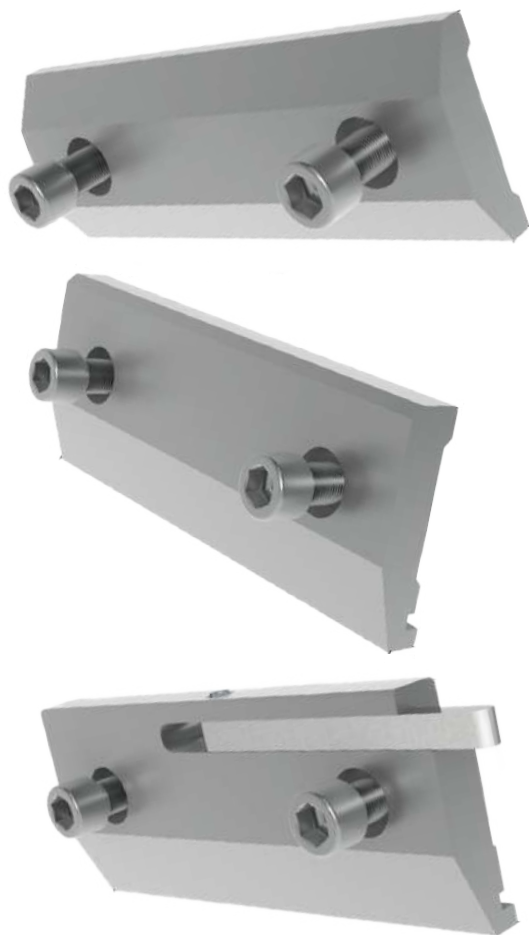
kN/m	L	H	Mt
1000	150	67	■



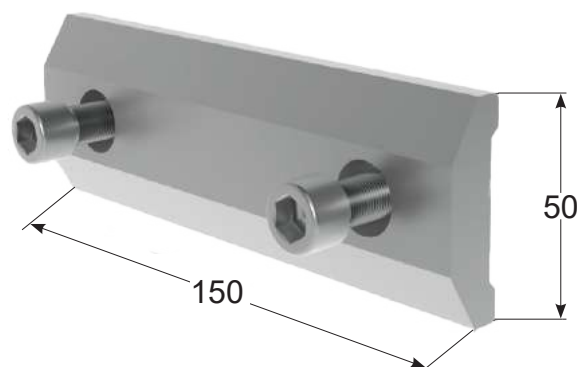
**ADATTATORE
ADAPTER
AMADA - LVD**

NOTE
Staffe NON comprese
Clamp plates NOT included


Adattatori Inferiori / Lower Adapters **AMADA-PROMECAM** Style




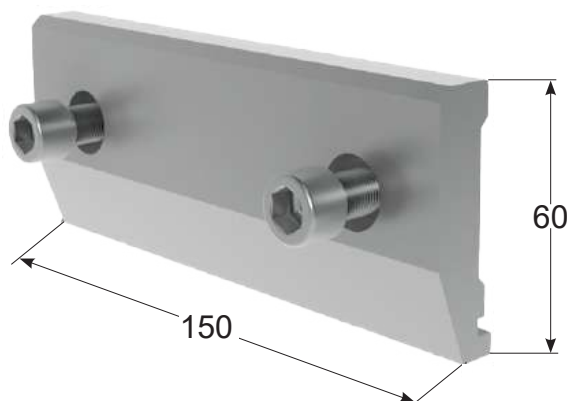
AM 5529



Staffa

Clamp Plate

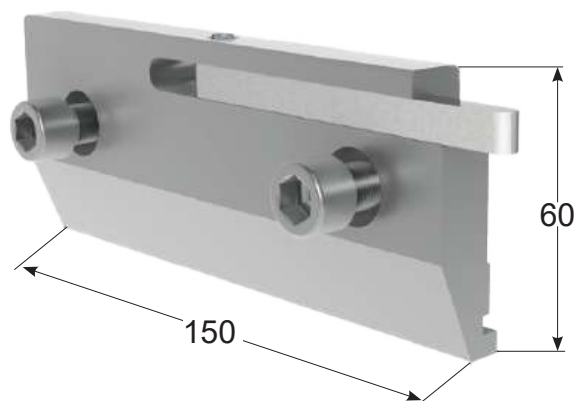
AM 5571



Staffa di Sicurezza

Safety Clamp Plate

AM 5900



Staffa di Sicurezza con Levetta a Scomparsa

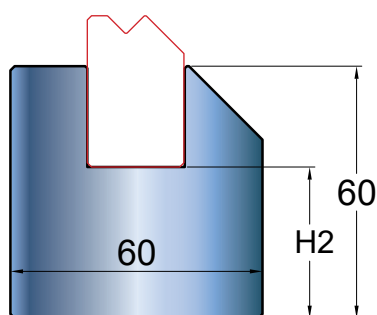
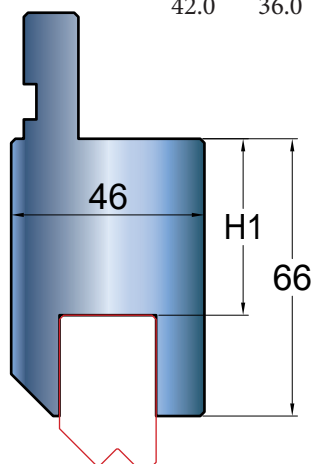
Safety Clamp Plate with Foldaway Lever



AM 4419

kN/m
1000

H1 H2 Mt
42.0 36.0



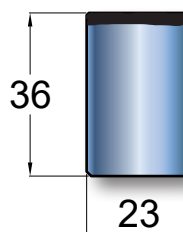
Lunghezze disponibili
Lengths available

415 mm
835 mm

Inserts for AM 4419

kN/m
1000

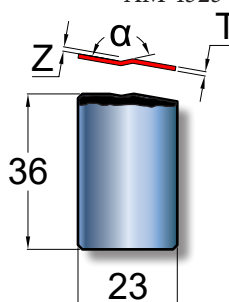
Mt CODE
AM 4500



Lunghezze disponibili
Lengths available

415 mm
835 mm

kN/m	Mt	CODE	Z	α	R	T
1000		AM 4510	1.0	160°	0.5	1.0
		AM 4515	1.5	160°	0.5	1.2
		AM 4520	2.0	150°	0.5	1.5
		AM 4525	2.5	140°	0.5	1.5



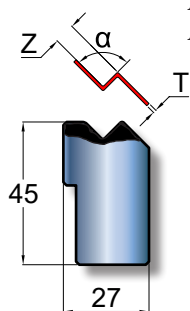
Lunghezze disponibili
Lengths available

415 mm
835 mm

T = Max Spessore
T = Max Thickness

Inserts for AM 4419

kN/m	Mt	CODE	Z	α	R	T
1000		AM 4585	8.5	90°	0.8	2.0
		AM 4590	9.0	90°	0.8	2.0
		AM 4610	10.0	90°	0.8	2.0
		AM 4611	11.0	90°	1.0	2.0
		AM 4612	12.0	90°	1.0	2.0

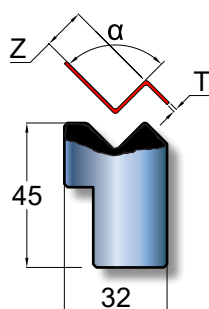


Lunghezze disponibili
Lengths available

415 mm
835 mm

T = Max Spessore
T = Max Thickness

kN/m	Mt	CODE	Z	α	R	T
1000		AM 4613	13.0	90°	1.0	2.5
		AM 4614	14.0	90°	1.0	2.5
		AM 4615	15.0	90°	1.0	3.0



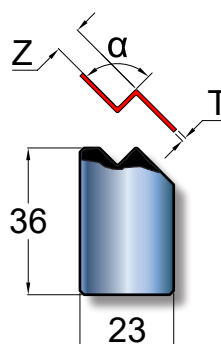
Lunghezze disponibili
Lengths available

415 mm
835 mm

T = Max Spessore
T = Max Thickness

Inserts for AM 4419

kN/m	Mt	CODE	Z	α	R	T
1000		AM 4511	1.0	90°	0.3	0.5
		AM 4516	1.5	90°	0.3	0.5
		AM 4521	2.0	90°	0.5	0.8
		AM 4526	2.5	90°	0.5	1.0
		AM 4530	3.0	90°	0.5	1.0
		AM 4535	3.5	90°	0.5	1.2
		AM 4540	4.0	90°	0.5	1.2
		AM 4545	4.5	90°	0.5	1.5
		AM 4550	5.0	90°	0.5	1.5
		AM 4555	5.5	90°	0.5	1.5
		AM 4560	6.0	90°	0.5	1.5
		AM 4565	6.5	90°	0.5	1.5
		AM 4570	7.0	90°	0.5	1.5
		AM 4575	7.5	90°	0.5	1.6
		AM 4580	8.0	90°	0.5	1.6



Lunghezze disponibili
Lengths available

415 mm
835 mm

T = Max Spessore
T = Max Thickness



LEGENDA LEGEND

L=Max lunghezza stampi
L=Max length tools

N=N° Max stampi
N=N° Max tools

W=Peso
W=Weight

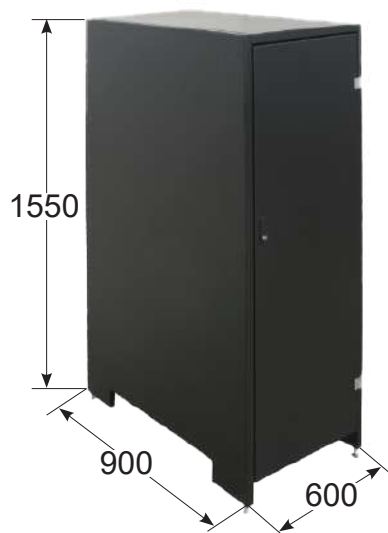
Altri colori su richiesta

Other colours on request



AM 4645

L	N	W
835 mm	30	200 Kg



AM 4650

L	N	W
835 mm	55	260 Kg

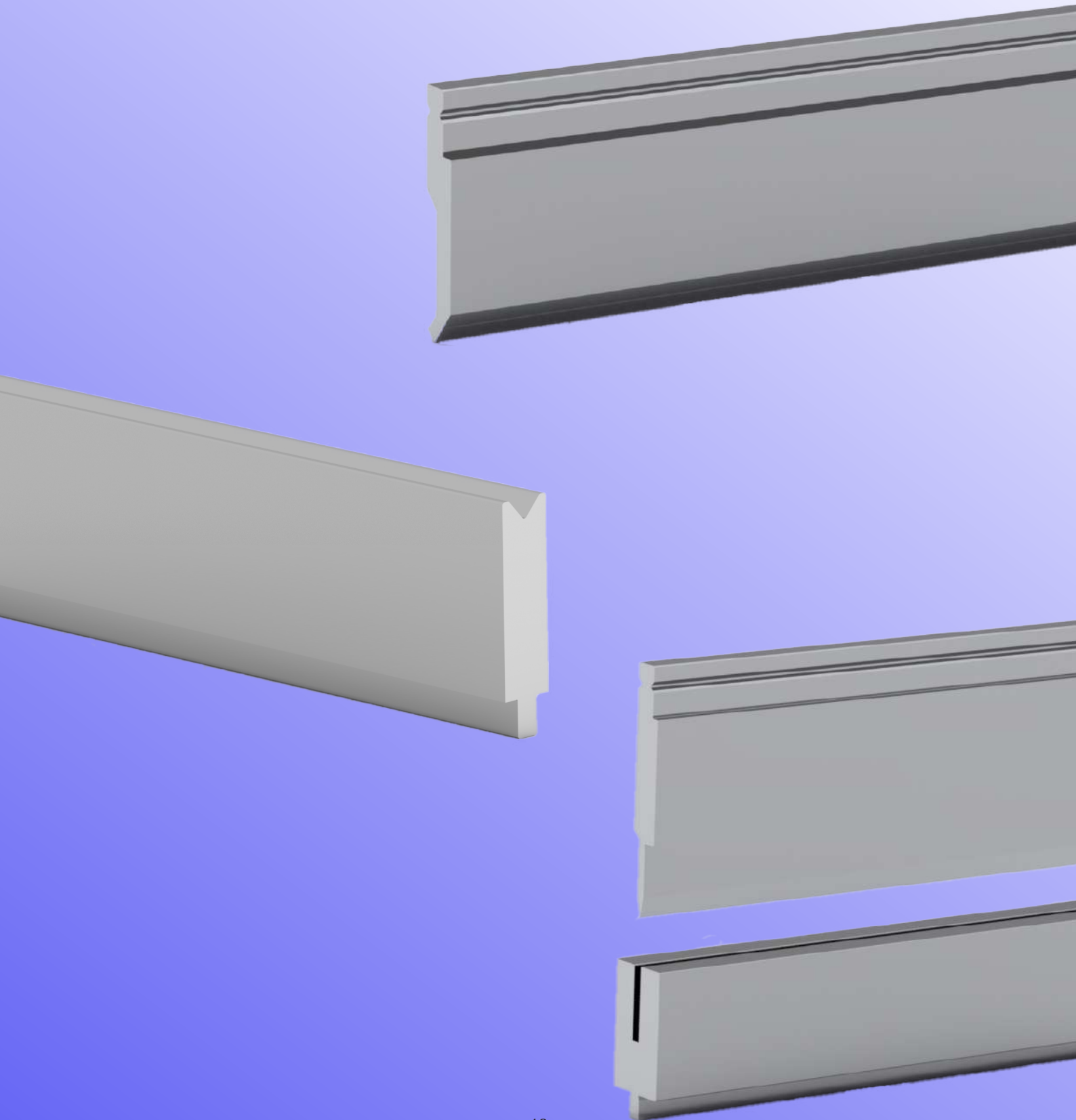


AM 4651

L	N	W
835 mm	55	330 Kg

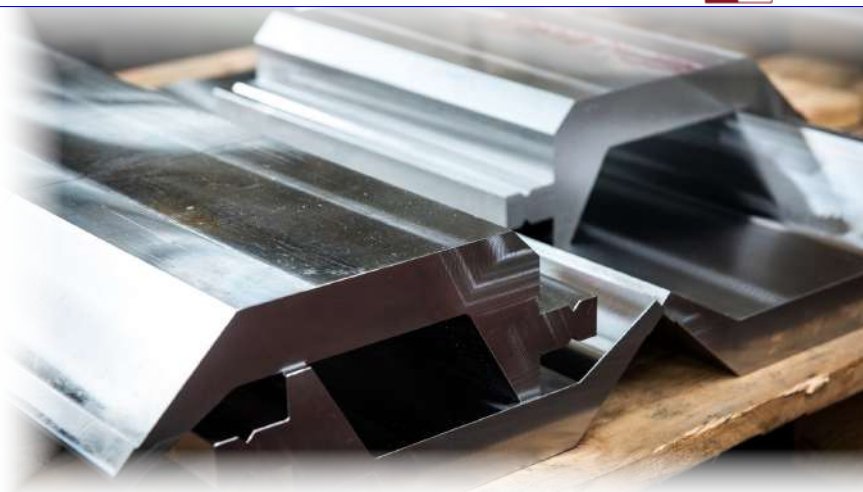
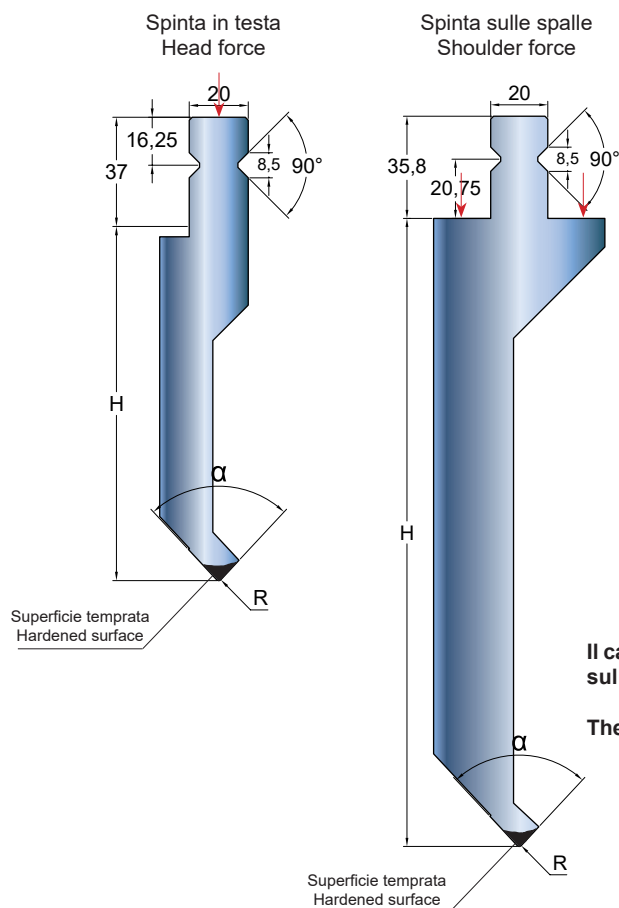


TRUMPF STYLE

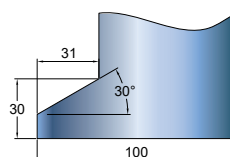




Attacco Standard Standard clamp



Scarpetta Standard Standard Horn



Il carico massimo delle scarpette corrisponde al 50% del carico massimo indicato sul punzone.

The horns' max load is 50% of the max load of the punch.

Sistema di Bloccaggio - Clamping Type

WEIGHT
>12,5 Kg



>12,5 Kg

WEIGHT
≤12,5 Kg



≤12,5 Kg

Bloccaggio mediante **spine** per montaggio e smontaggio laterale degli utensili

Clamping with **pins** for side installation and disinstallation of the tools

Bloccaggio mediante **safety click** per montaggio e smontaggio verticale degli utensili

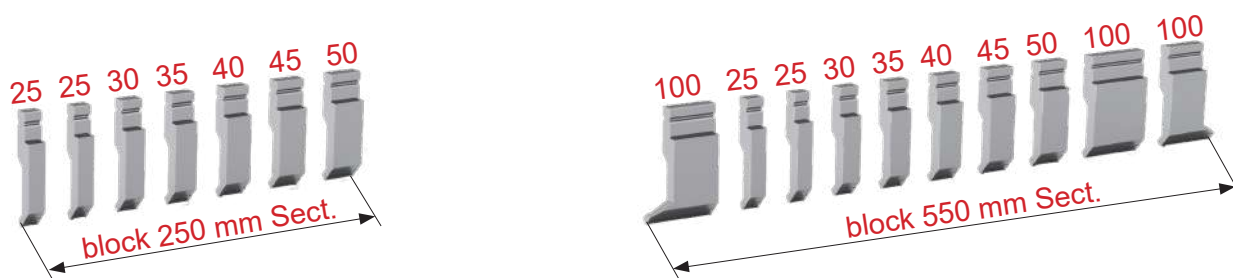
Clamping with **safety click** for front installation and disinstallation of the tools

NOTE

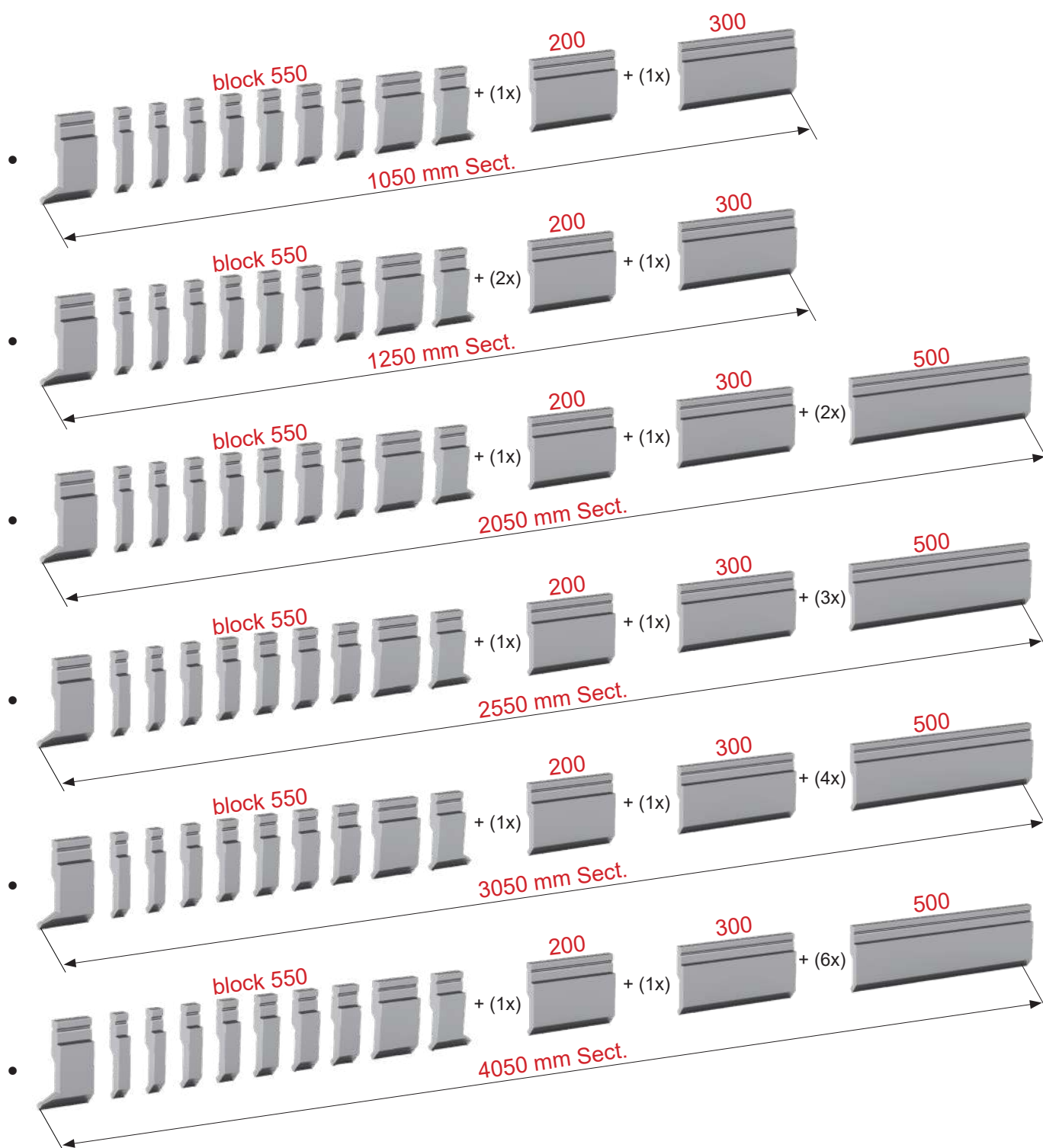
In entrambi i casi componenti disponibili
In both cases, spare parts available



Blocchi Standard Standard Blocks

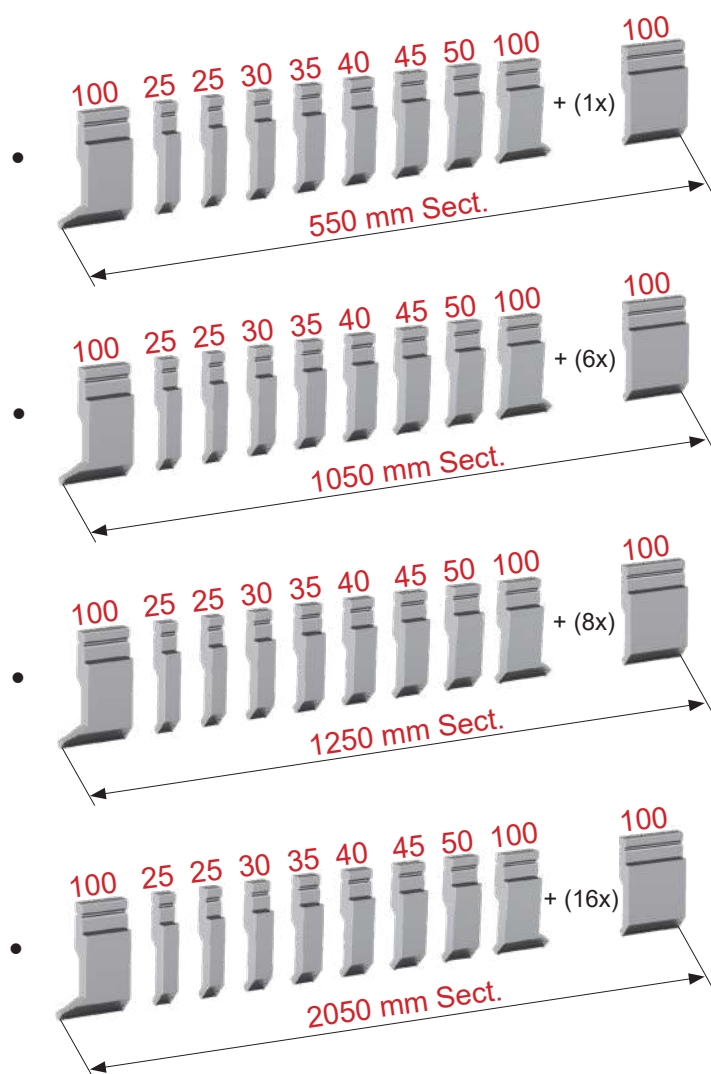


Frazionati Standard Versione "B" Standard Sectioning "B" Version





Frazionati Standard Versione "A"
Standard Sectioning "A" Version



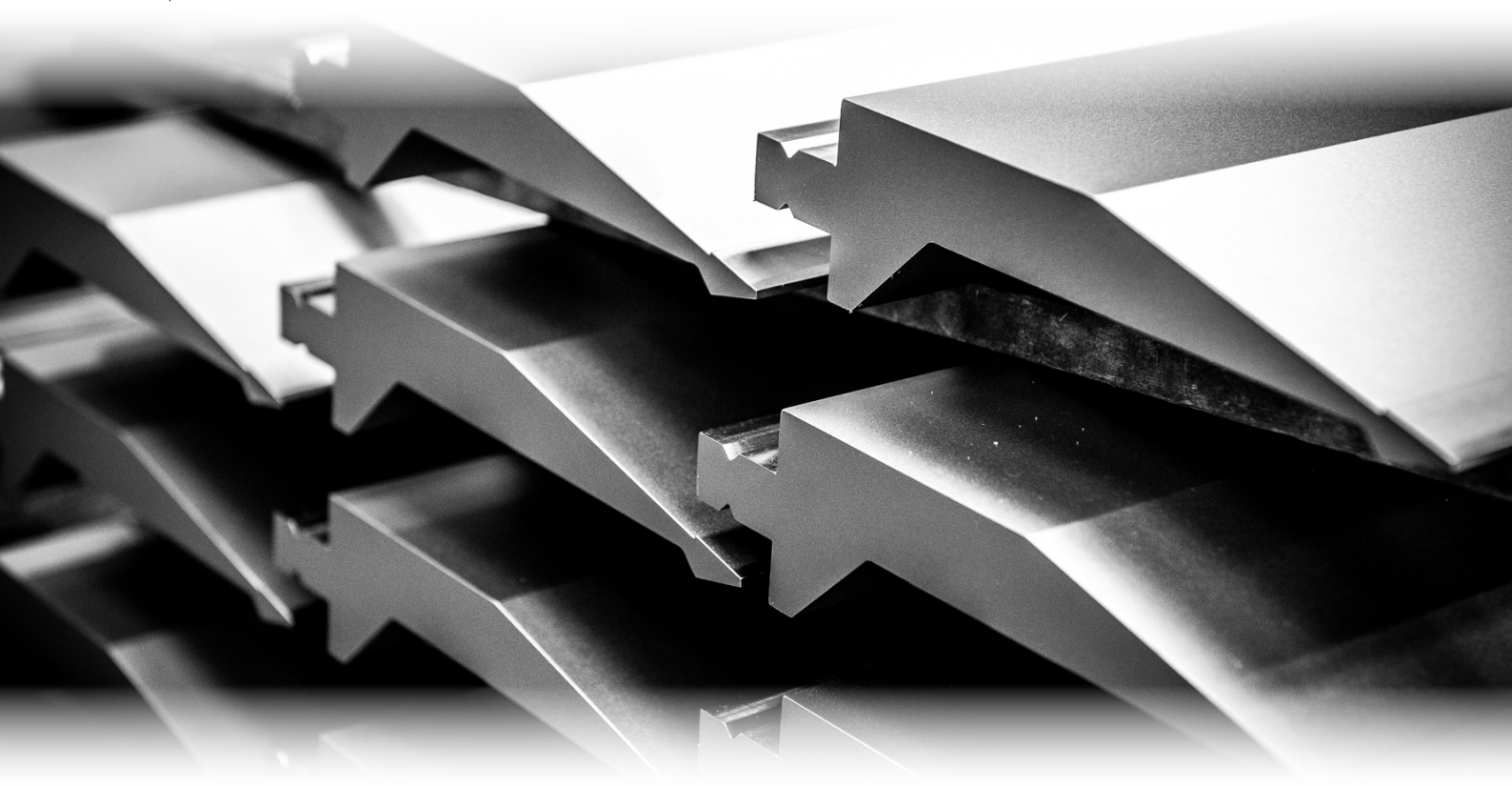
NOTE

Sono disponibili le lunghezze intere in queste misure:

Full lengths are available in these measures:

10-15-20-25-30-35-40-45-50-100-200-300-500

Scarpette singole / Single Horns

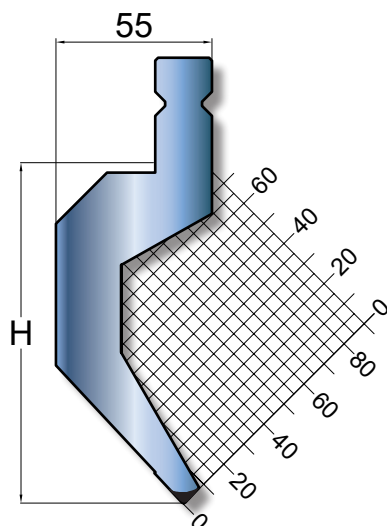




TR 200K

kN/m α Mt
800 86°

R	H
0.5	119.8
1.0	120.0
1.6	119.2
2.0	119.2
2.3	119.0
2.5	119.0
3.0	118.7
3.2	118.6
4.0	118.3
6.0	117.3

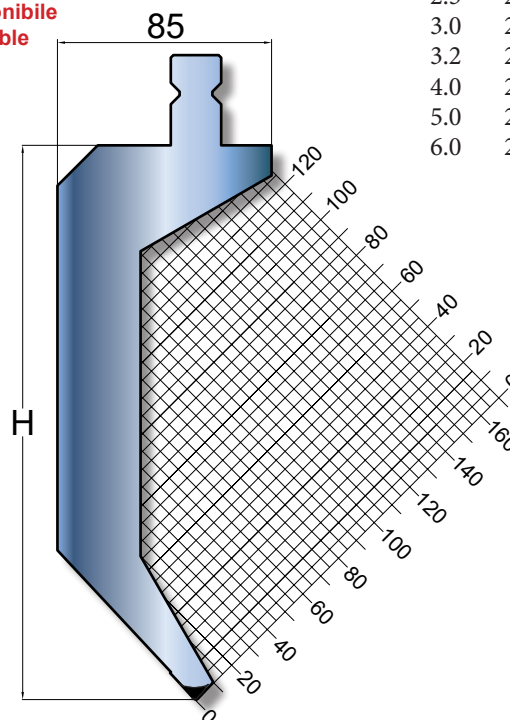


TR 200S

kN/m α Mt
800 86°

R	H
0.5	219.8
1.0	220.0
1.6	219.2
2.0	219.2
2.3	219.0
2.5	218.7
3.0	218.5
3.2	218.5
4.0	218.3
5.0	217.8
6.0	217.5

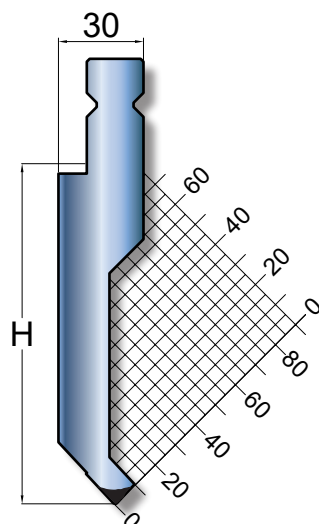
"var B" sect. composta da:
"var B" sect. is made with:
- block 550 mm
- 200 mm
- 300 mm
Non disponibile
Not available
- 500 mm



TR 201K

kN/m α Mt
800 86°

R	H
0.5	119.8
1.0	120.0
1.6	119.4
2.0	119.2
2.3	119.0
2.5	119.0
3.0	118.8
3.2	118.6
4.0	118.2

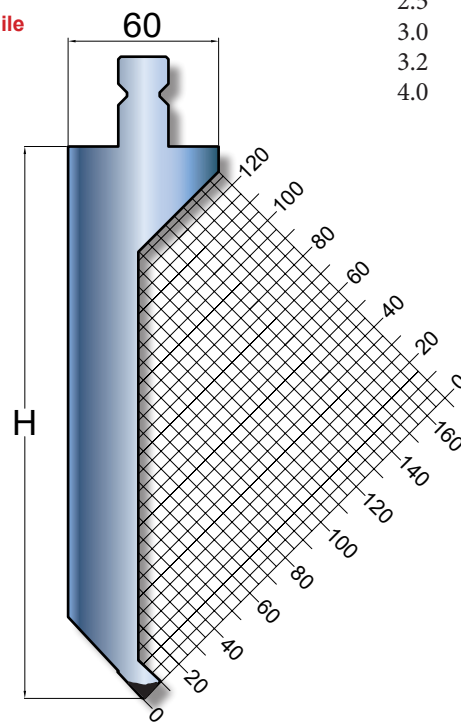


TR 201S

kN/m α Mt
800 86°

R	H
0.5	219.8
1.0	220.0
1.6	219.4
2.0	219.2
2.3	219.0
2.5	218.7
3.0	218.8
3.2	218.6
4.0	218.3

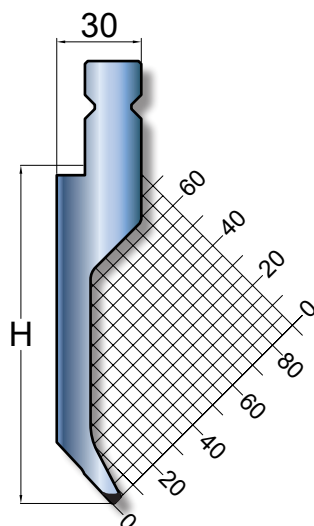
"var B" sect. composta da:
"var B" sect. is made with:
- block 550 mm
- 200 mm
- 300 mm
Non disponibile
Not available
- 500 mm





TR 204K

kN/m	α	Mt	R	H
400	86°	■	1.0	120.0



TR 300S

kN/m	α	Mt	R	H
800	86°	■	1.0	300.0

"var B" sect. composta da:

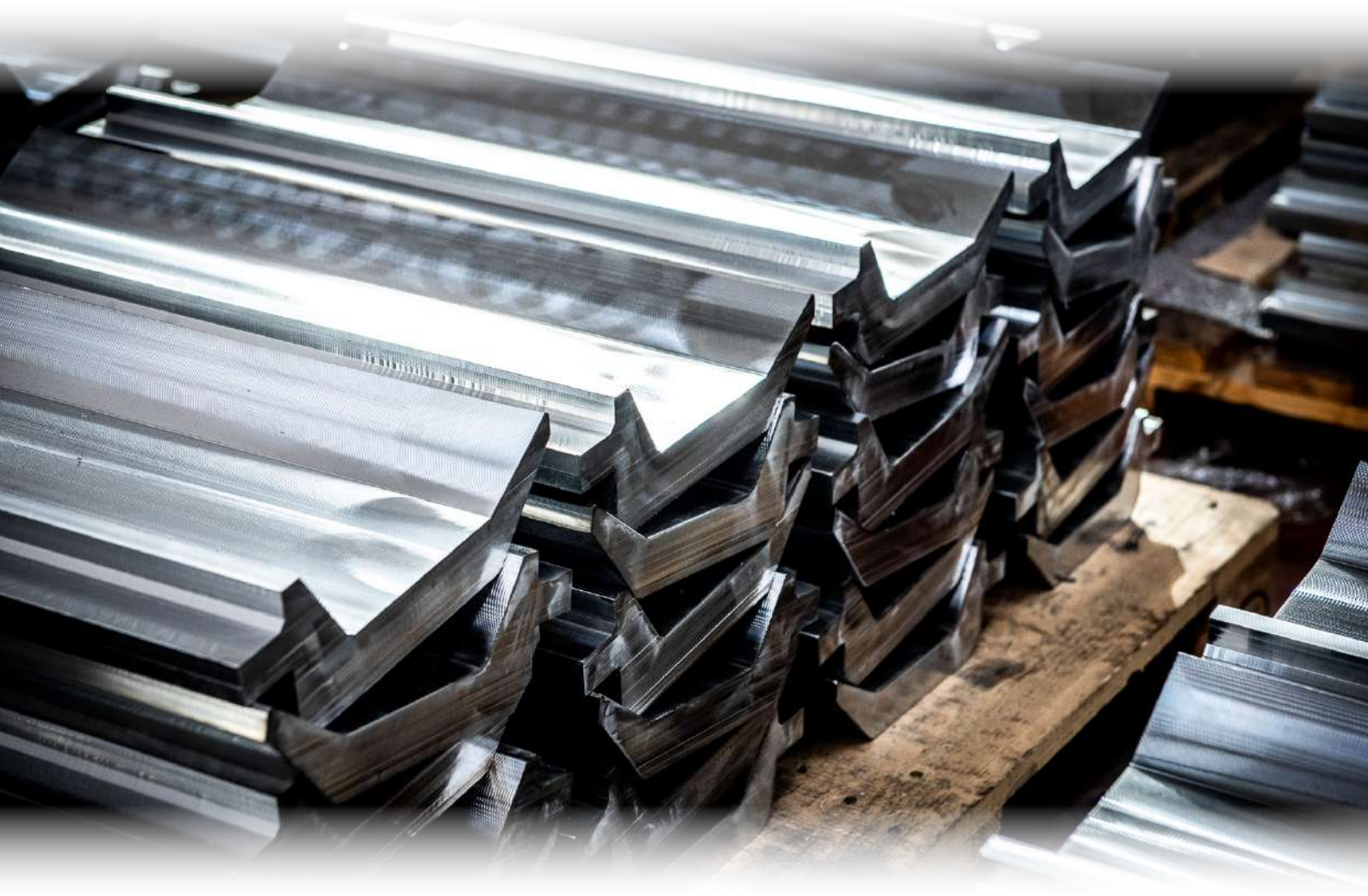
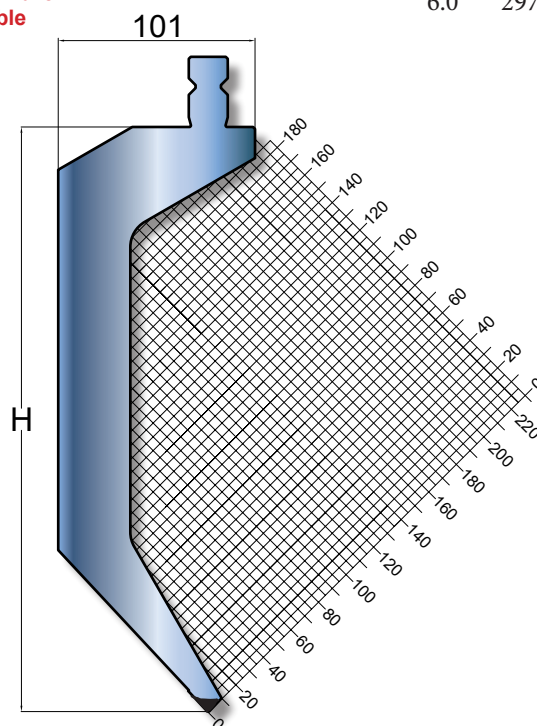
"var B" sect. is made with:

- block 550 mm
- 200 mm

Non disponibile

Not available

- 500 mm
- 300 mm
- 20 mm
- 15 mm
- 10 mm

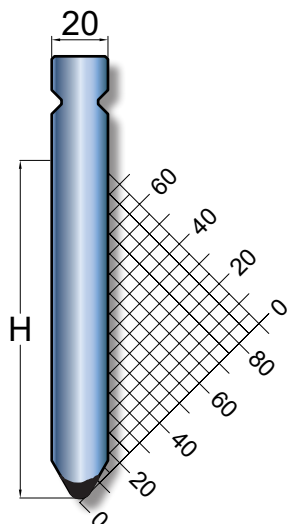




TR 203K

kN/m α Mt
1800 60°

R	H
2.00	119.8
2.50	119.8
3.00	119.8
4.00	120.0
4.70	119.1
5.00	118.8
6.00	117.6
6.35	117.2
8.00	120.0
10.00	120.0

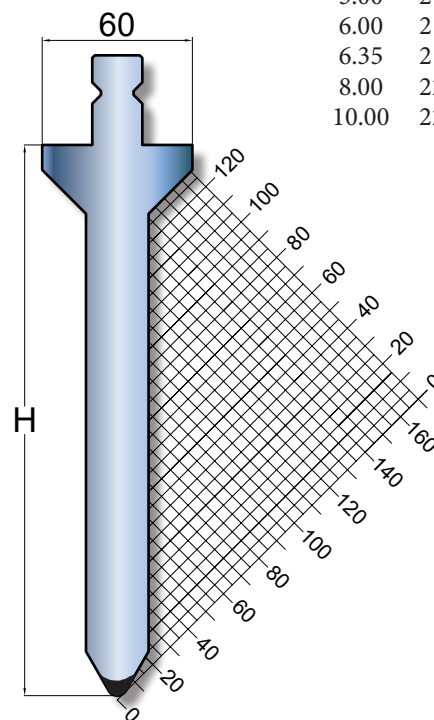


TR 203S

kN/m α Mt
2500 60°

R	H
2.00	219.8
2.50	219.8
3.00	219.8
4.00	220.0
4.70	219.0
5.00	218.6
6.00	217.6
6.35	217.2
8.00	220.0
10.00	220.0

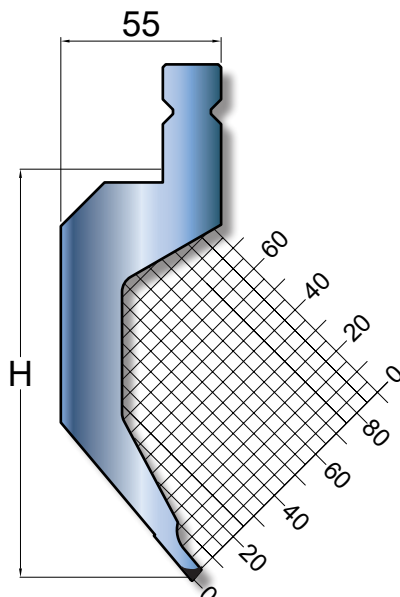
"var B" sect. composta da:
"var B" sect. is made with:
- block 550 mm
- 200 mm
- 300 mm
Non disponibile
Not available
- 500 mm



TR 280K

kN/m α Mt
400 80°

R	H
0.5	140.0

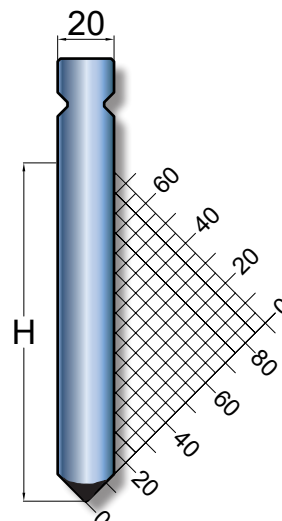


TR 211K

kN/m Mt
1800

α	R	H
89.66°	0.2	119.8
90.00°	0.5	119.8
89.66°	1.0	120.0

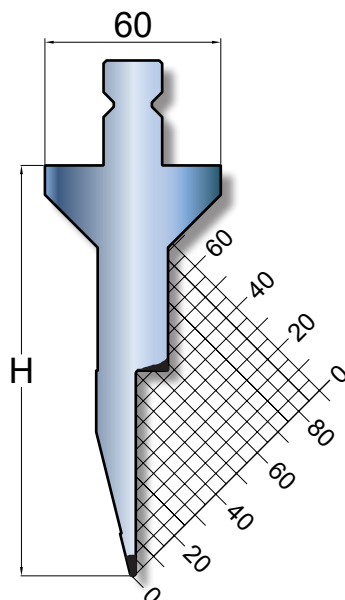
Non disponibile
Not available
20 mm
15 mm
10 mm





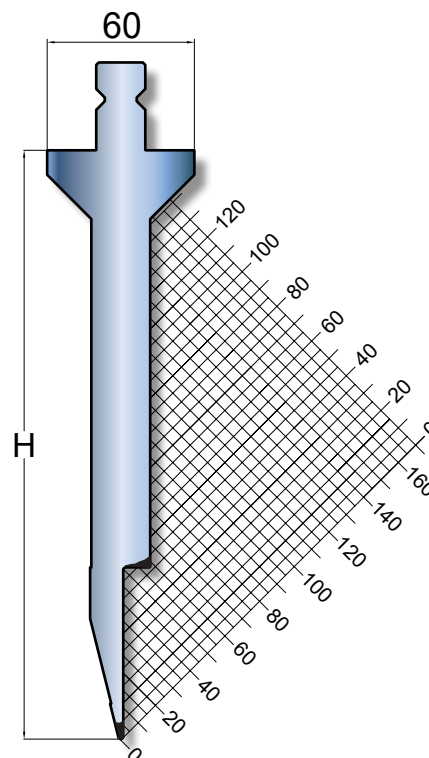
TR 210K

kN/m	α	Mt	R	H
400	14°	■	0.5	139.8
			1.0	140.0



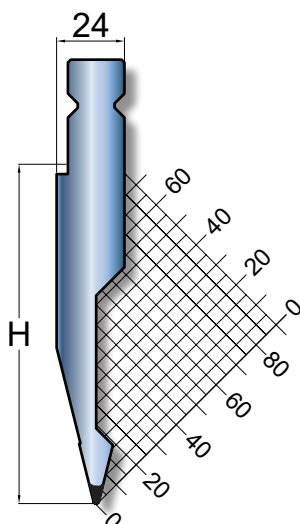
TR 210S

kN/m	α	Mt	R	H
400	14°	■	0.5	239.8
			1.0	240.0



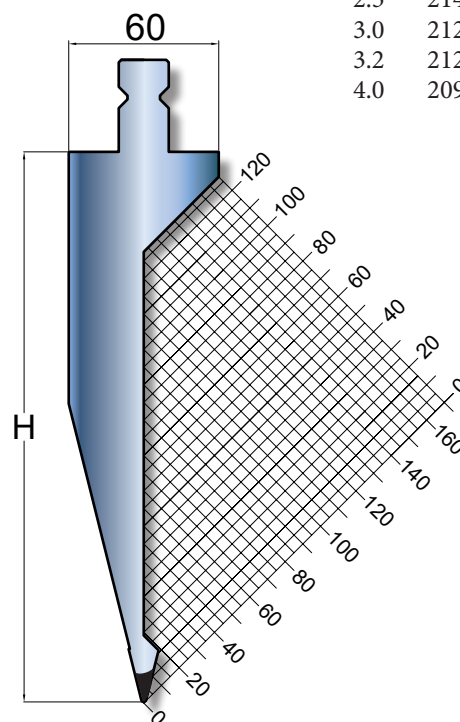
TR 202K

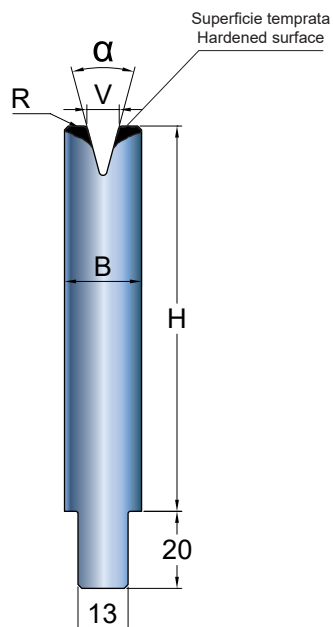
kN/m	α	Mt	R	H
600	28°	■	0.5	119.8
			1.0	120.0
			1.6	117.2
			2.0	116.0
			2.3	115.1
			2.5	114.4
			3.0	112.8
			3.2	112.7
			4.0	109.8



TR 202S

kN/m	α	Mt	R	H
600	28°	■	0.5	219.8
			1.0	220.0
			1.6	217.8
			2.0	216.0
			2.3	215.6
			2.5	214.0
			3.0	212.8
			3.2	212.7
			4.0	209.8





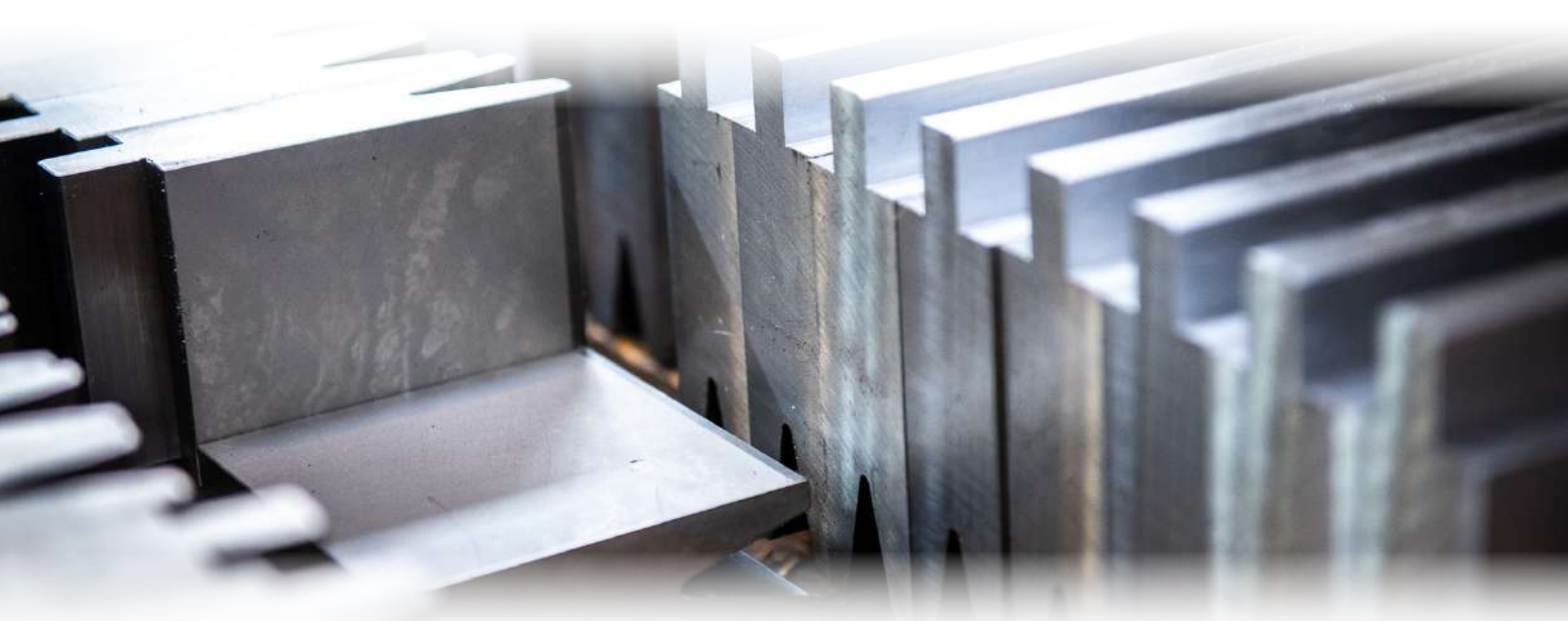
Attacco Standard
Standard clamp

NOTE

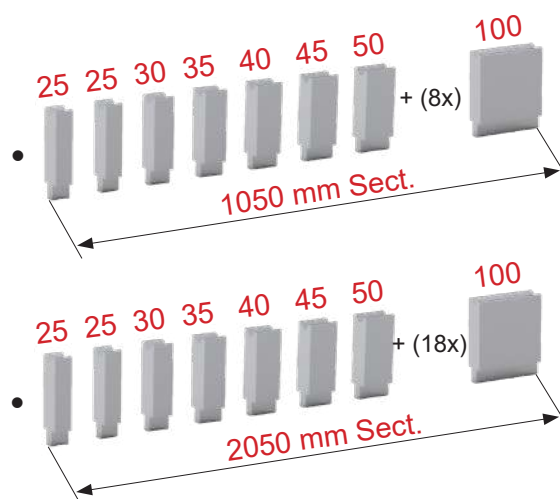
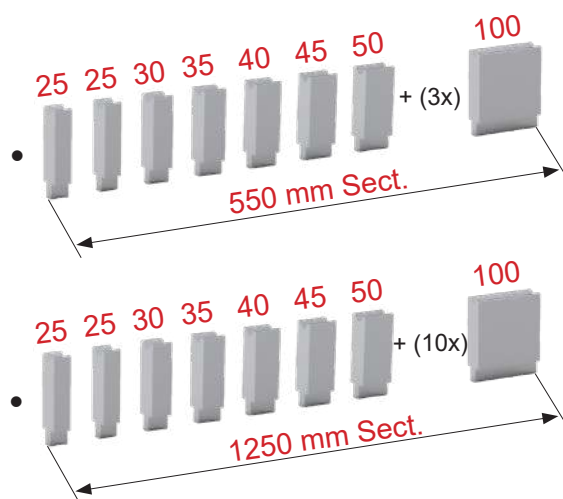
Sono disponibili le lunghezze intere in queste misure:

Full lengths are available in these measures:

10-15-20-25-30-35-40-45-50-100-200-300-500

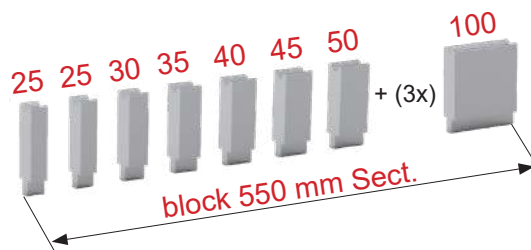
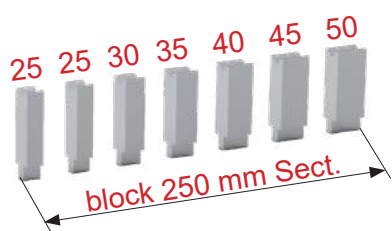


Frazionati Standard Versione "A"
Standard Sectioning "A" Version

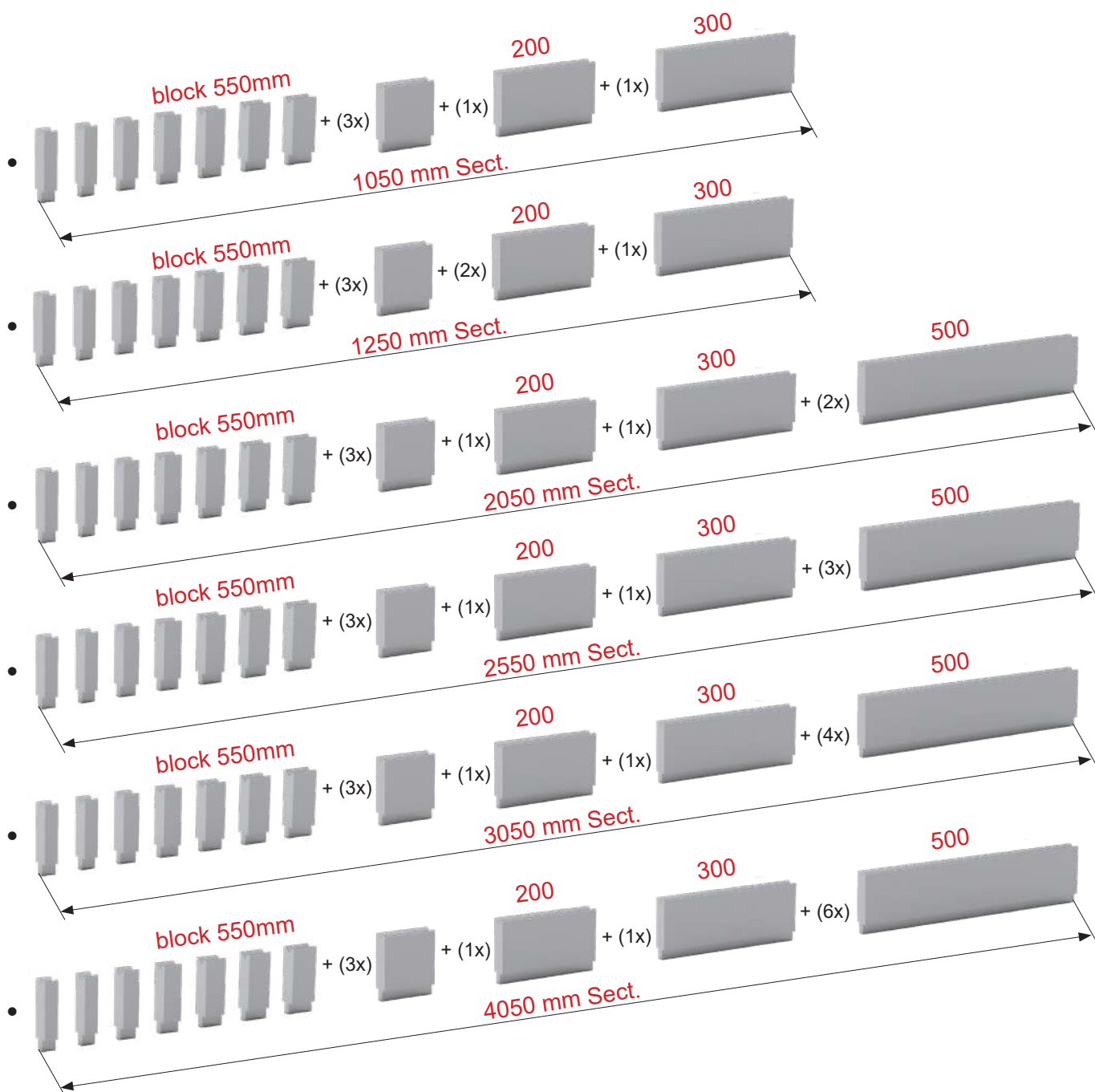


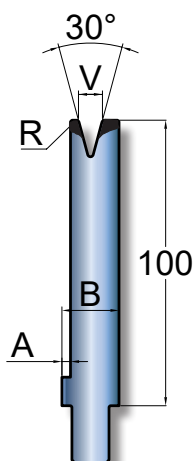


Blocchi Standard Standard Blocks

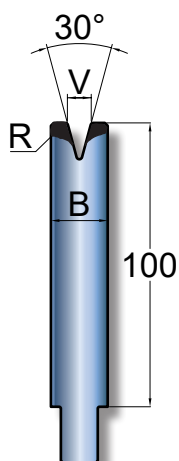


Frazionati Standard Versione "B" Standard Sectioning "B" Version



**30° H=100 "S"**

Code	V	R	A	B	kN/m	Mt
TR V430R06	4	0.6	5.0	20.0	150	■
TR V530R06	5	0.6	5.0	20.0	150	■
TR V530R2	5	2.0	4.0	20.0	200	■
TR V630R06S	6	0.6	4.0	20.0	170	■
TR V830R1S	8	1.0	3.0	20.0	200	■
TR V1030R1S	10	1.0	2.0	20.0	200	■
TR V1230R1S	12	1.0	3.5	21.5	250	■

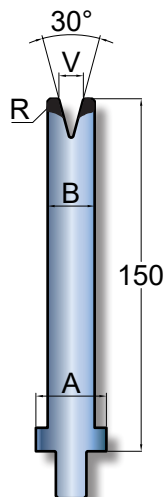
30° H=100

Code	V	R	A	B	kN/m	Mt
TR V630R06	6	0.6	-	20.0	400	■
TR V630R3	6	3.0	-	20.0	400	■
TR V830R1	8	1.0	-	20.0	400	■
TR V830R3	8	3.0	-	20.0	400	■
TR V1030R1	10	1.0	-	20.0	400	■
TR V1030R3	10	3.0	-	20.0	400	■
TR V1230R1	12	1.0	-	25.0	400	■
TR V1230R3	12	3.0	-	25.0	400	■
TR V1630R16	16	1.6	-	30.0	500	■
TR V1630R3	16	3.0	-	30.0	500	■
TR V2030R2	20	2.0	-	35.0	600	■
TR V2430R25	25	2.5	-	40.0	650	■
TR V3030R3	30	3.0	-	55.0	900	■
TR V4030R5	40	5.0	-	60.0	900	■
TR V5030R5	50	5.0	-	75.0	1200	■

Per TR V2430R24 - TR V3030R3 - TR V4030R5 - TRV5030R5 **NON** disponibili come standard:

For TR V2430R24 - TR V3030R3 - TR V4030R5 - TRV5030R5 **NOT** available as standard:

20 mm - 15 mm - 10 mm

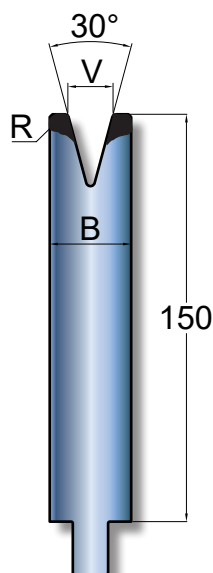
30° H=150 "S"

Code	V	R	A	B	kN/m	Mt
TR V630R06H150	6	0.6	30	20.0	400	■
TR V830R1H150	8	1.0	30	20.0	400	■
TR V1030R1H150	10	1.0	30	20.0	400	■

Per TR V630R06H150 - TR V830R1H150 - TR V1030R1H150 **NON** disponibili come standard:

For TR V630R06H150 - TR V830R1H150 - TR V1030R1H150 **NOT** available as standard:

20 mm - 15 mm - 10 mm

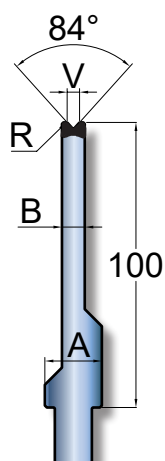
**30° H=150**

Code	V	R	A	B	kN/m	Mt
TR V1230R1H150	12	1.0	-	25.0	400	■
TR V1630R16H150	16	1.6	-	30.0	500	■
TR V2030R2H150	20	2.0	-	35.0	600	■
TR V2430R25H150	24	2.5	-	40.0	650	■

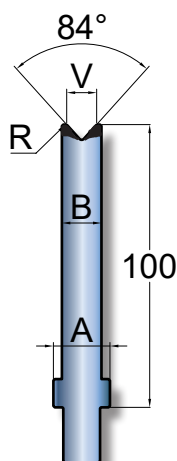
Per TR V1230R1H150 - TR V1630R16H150 - TR V2030R2H150 - TR V2430R25H150 **NON** disponibili come standard:

For TR V1230R1H150 - TR V1630R16H150 - TR V2030R2H150 - TR V2430R25H150 **NOT** available as standard:

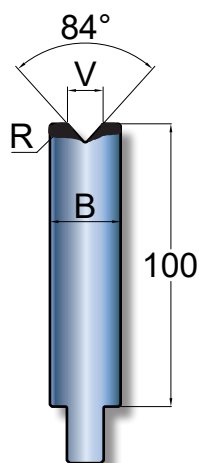
20 mm - 15 mm - 10 mm

84° H=100 "S-1"

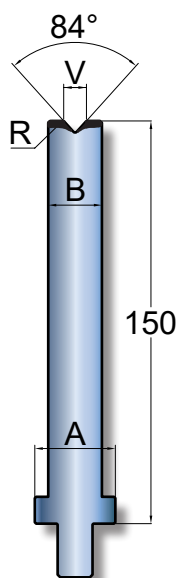
Code	V	R	A	B	kN/m	Mt
TR V484R06	4	0.6	20	8.0	250	■
TR V584R06	5	0.6	20	8.0	250	■

84° H=100 "S-2"

Code	V	R	A	B	kN/m	Mt
TR V684R06S	6	0.6	20	10.0	250	■
TR V884R08S	8	0.8	20	12.0	350	■
TR V1084R1S	10	1.0	20	14.0	400	■
TR V1284R1S	12	1.0	20	16.0	400	■
TR V1484R16S	14	1.6	25	20.0	500	■

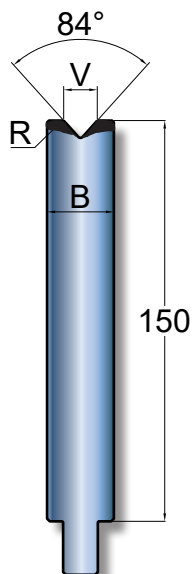
**84° H=100**

Code	V	R	A	B	kN/m	Mt
TR V684R06	6	0.6	-	20.0	400	■
TR V884R08	8	0.8	-	20.0	400	■
TR V1084R1	10	1.0	-	20.0	500	■
TR V1284R1	12	1.0	-	25.0	500	■
TR V1684R16	16	1.6	-	30.0	700	■
TR V2084R2	20	2.0	-	30.0	700	■

84° H=150 "S"

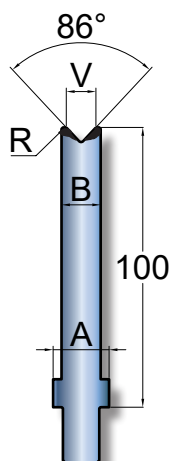
Code	V	R	A	B	kN/m	Mt
TR V684R06H150	6	0.6	30	20.0	400	■
TR V884R08H150	8	0.8	30	20.0	400	■
TR V1084R1H150	10	1.0	30	20.0	500	■

Per TR V684R06H150 - TR V884R08H150 - TR V1084R1H150 **NON** disponibili come standard:
 For TR V684R06H150 - TR V884R08H150 - TR V1084R1H150 **NOT** available as standard:
 20 mm - 15 mm - 10 mm

84° H=150

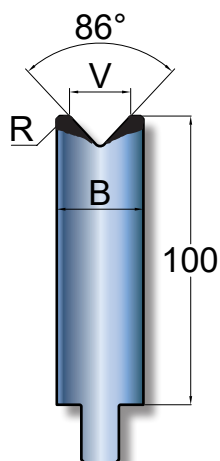
Code	V	R	A	B	kN/m	Mt
TR V1284R1H150	12	1.0	-	25.0	500	■
TR V1684R16H150	16	1.6	-	30.0	700	■
TR V2084R2H150	20	2.0	-	30.0	700	■

Per TR V1284R1H150 - TR V1684R16H150 - TR V2084R2H150 **NON** disponibili come standard:
 For TR V1284R1H150 - TR V1684R16H150 - TR V2084R2H150 **NOT** available as standard:
 20 mm - 15 mm - 10 mm

**86° H=100 "S"**

Code	V	R	A	B	kN/m	Mt
TR V686R06S	6	0.6	20	10.0	250	■
TR V886R08S	8	0.8	20	12.0	350	■
TR V1086R1S	10	1.0	20	14.0	400	■
TR V1286R1S	12	1.0	20	16.0	400	■

Per TR V686R06S - TR V886R08S - TR V1086R1S - TR V1286R1S **NON** disponibili come standard:
 For TR V686R06S - TR V886R08S - TR V1086R1S - TR V1286R1S **NOT** available as standard:
 1050 Sect - 20 mm - 15 mm - 10 mm

86° H=100

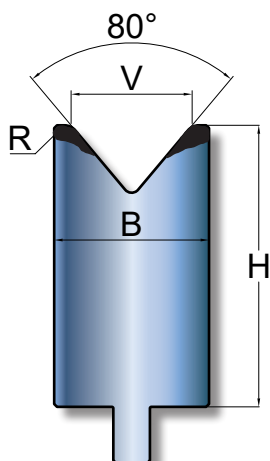
Code	V	R	A	B	kN/m	Mt
TR V686R06	6	0.6	-	20.0	400	■
TR V886R08	8	0.8	-	20.0	400	■
TR V1086R1	10	1.0	-	20.0	500	■
TR V1286R1	12	1.0	-	25.0	500	■
TR V1686R16	16	1.6	-	30.0	700	■
TR V2086R2	20	2.0	-	30.0	700	■
TR V2486R25	24	2.5	-	35.0	1000	■
TR V3086R3	30	5.0	-	45.0	1000	■
TR V4086R3	40	5.0	-	55.0	1200	■
TR V5086R3	50	5.0	-	75.0	1500	■

Per tutti i modelli 86° H=100 **NON** disponibili come standard:

For ALL 86° H=100 models are **NOT** available as standard:

1050 Sect - 20 mm - 15 mm - 10 mm

For TR V5086R3 is **NOT** available as standard - Per TR V5086R3 **NON** disponibile come standard:
 500 mm (Sectioning are made with 200-300 mm pieces)

**80° H=100÷120**

Code	V	R	H	B	kN/m	Mt
TR V2480R25	24	2.5	100	35.0	700	■
TR V3080R5	30	5.0	100	45.0	900	■
TR V4080R5	40	5.0	100	55.0	1200	■
TR V5080R5	50	5.0	100	65.0	1500	■
TR V6080R5	60	5.0	100	75.0	1500	■
TR V7080R5	70	5.0	100	85.0	1500	■
TR V8080R5	80	5.0	100	100.0	1500	■
TR V9080R8	90	8.0	120	110.0	1500	■
TR V10080R8	100	8.0	120	110.0	1500	■

Per TR V2480R25 - TR V3080R5 - TR V4080R5 - TR V5080R5 **NON** disponibili come standard:

For TR V2480R25 - TR V3080R5 - TR V4080R5 - TR V5080R5 are **NOT** available as standard:

20 mm - 15 mm - 10 mm

Per TR 6080R5 - TR 7080R5 - TR V8080R5 **NON** disponibili come standard:

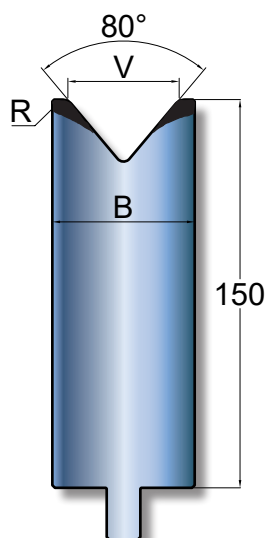
For TR 6080R5 - TR 7080R5 - TR V8080R5 are **NOT** available as standard:

500 mm - 20 mm - 15 mm - 10 mm (Sectioning are made with 200-300 mm)

Per TR 9080R8 - TR 10080R8 **NON** disponibili come standard:

For TR 9080R8 - TR 10080R8 are **NOT** available as standard:

500 mm - 300 mm - 20 mm - 15 mm - 10 mm (Sectioning are made with 200mm)

80° H=150

Code	V	R	A	B	kN/m	Mt
TR V2480R25H150	24	2.5	-	35.0	700	■
TR V3080R5H150	30	5.0	-	45.0	900	■
TR V4080R5H150	40	5.0	-	55.0	1200	■
TR V5080R5H150	50	5.0	-	65.0	1500	■

Per TR V2480R25H150 **NON** sono disponibili come standard:

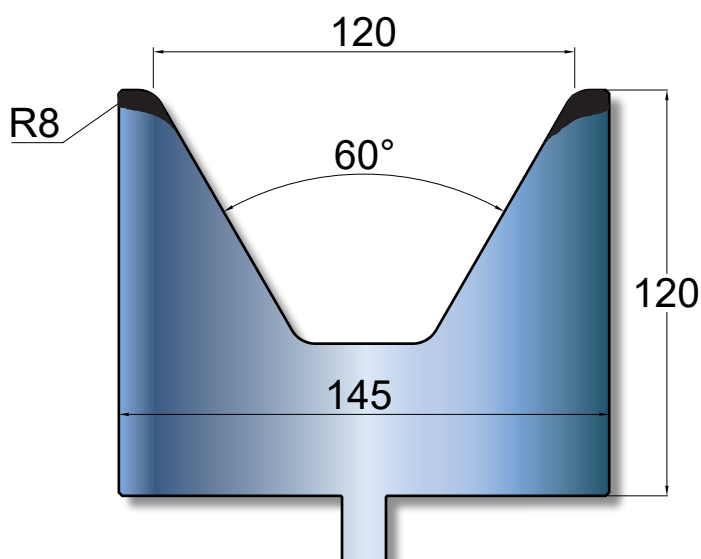
For TR V2480R25H150 are **NOT** available as standard:

20 mm - 15 mm - 10 mm

Per TR 3080R5H150 - TR V4080R5H150 - TR V5080R5H150 **NON** sono disponibili come standard:

For TR 3080R5H150 - TR V4080R5H150 - TR V5080R5H150 are **NOT** available as standard:

500 mm - 20 mm - 15 mm - 10 mm (Sectioning are made with 200-300 mm)

60° H=120

Code	V	R	kN/m	Mt
TR V12060R8	120	8.0	1500	■

Per TR V12060R8 sono disponibili come standard **SOLO**:

For TR V12060R8 are available as standard **ONLY**:

200 mm - 100 mm



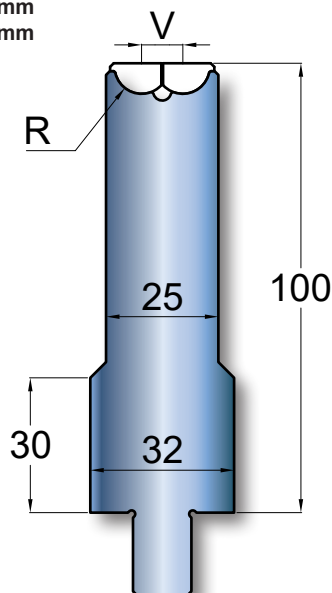
TR RB200

kN/m	Mt	R	V
1000	■	6.0	9.2

Sheet Thickness:
0.5 mm - 2 mm

Lunghezze disponibili
Lengths available

50 mm
100 mm
200 mm
300 mm
500 mm



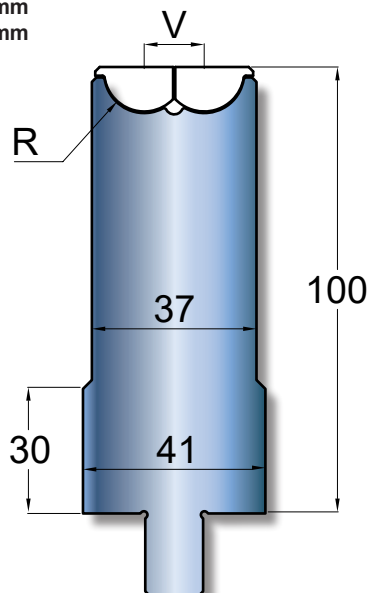
TR RB300

kN/m	Mt	R	V
1300	■	9.0	12.5

Sheet Thickness:
1 mm - 3 mm

Lunghezze disponibili
Lengths available

50 mm
100 mm
200 mm
300 mm
500 mm



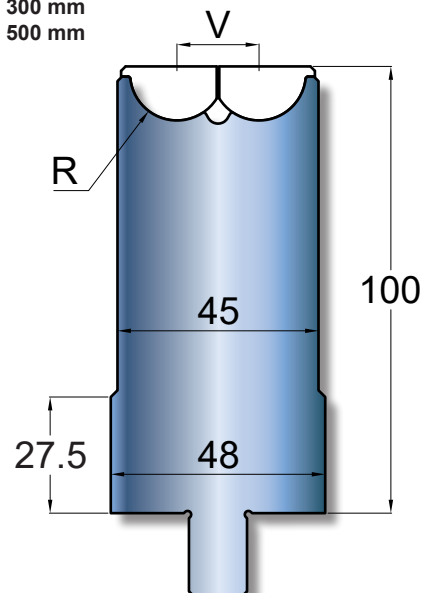
TR RB400

kN/m	Mt	R	V
1500	■	10.5	18.38

Sheet Thickness:
1 mm - 4 mm

Lunghezze disponibili
Lengths available

50 mm
100 mm
200 mm
300 mm
500 mm



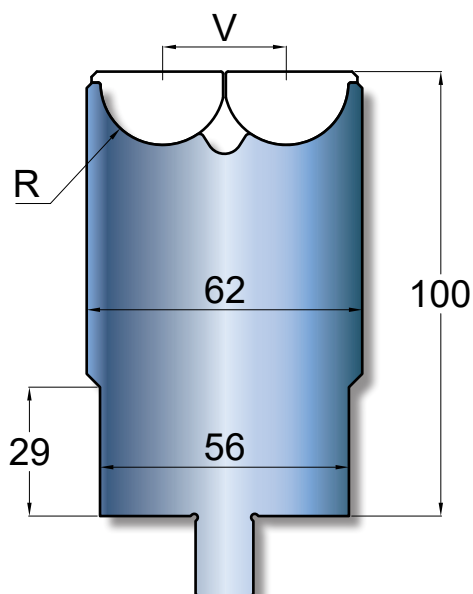
TR RB500

kN/m	Mt	R	V
1700	■	14.0	27.8

Sheet Thickness:
2 mm - 5 mm

Lunghezze disponibili
Lengths available

50 mm
100 mm
200 mm
300 mm
500 mm



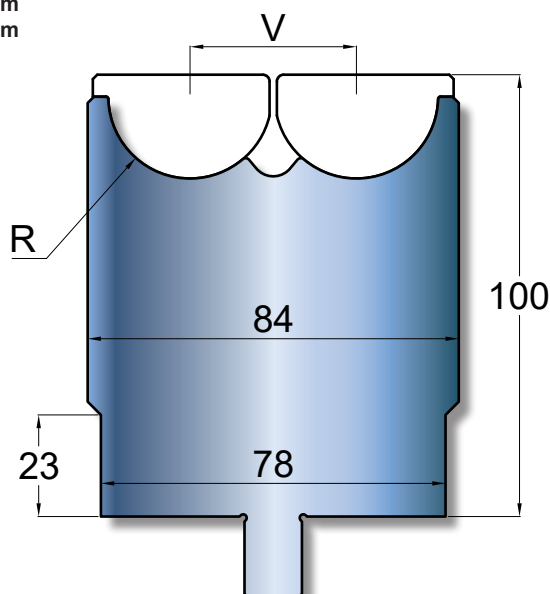
TR RB600

kN/m	Mt	R	V
2000	■	18.5	37.7

Sheet Thickness:
3 mm - 6 mm

Lunghezze disponibili
Lengths available

50 mm
100 mm
200 mm
300 mm
500 mm





INSERTI IN NYLON CON CONTENITORE

VANTAGGI:

- Eliminano i segni di piegatura
- Ideali per la piega di alluminio, inox e lamiere preverniciate
- Cambio rapido e semplice.

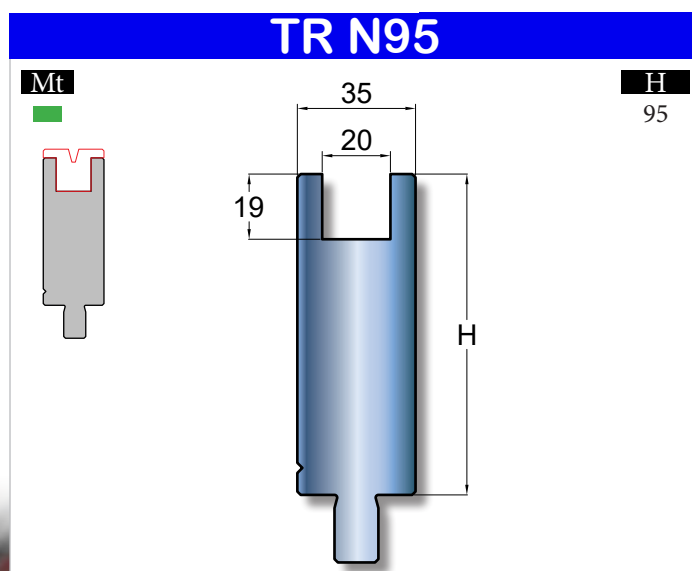
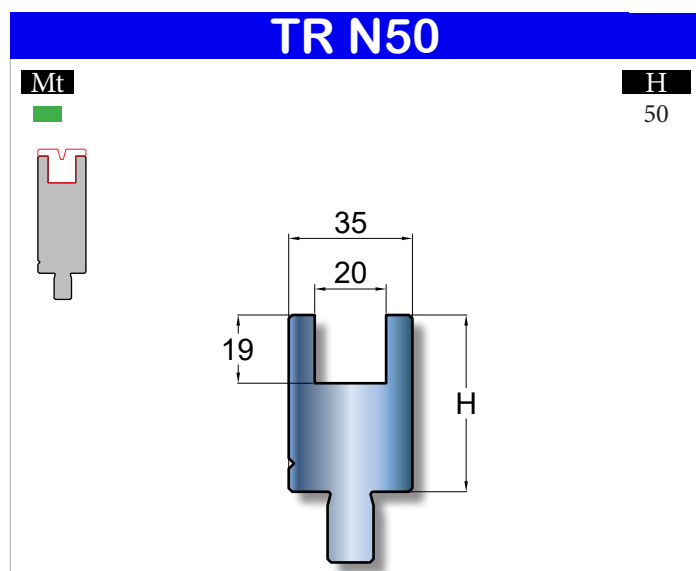
NYLON INSERTS AND HOLDERS

ADVANTAGES

- They avoid marks during the bending
- Recommended for bending aluminium, stainless steel and painted surfaces.
- Fast and easy change.

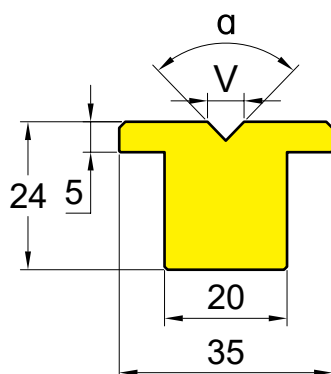
Lunghezze disponibili

Lengths available: 415 mm - 835 mm



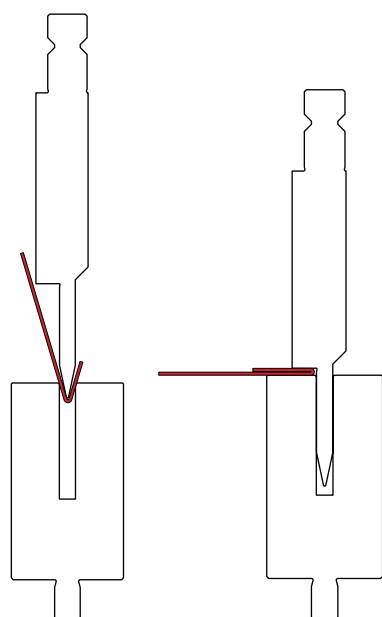
Inserts for TR N50 - TR N95

kN/m	Code	α	V
200	AMM 306	30°	6
	AMM 308	30°	8
	AMM 310	30°	10
	AMM 406	45°	6
	AMM 408	45°	8
	AMM 410	45°	10
	AMM 412	45°	12
	AMM 606	60°	6
	AMM 608	60°	8
	AMM 610	60°	10
	AMM 612	60°	12
	AMM 616	60°	16

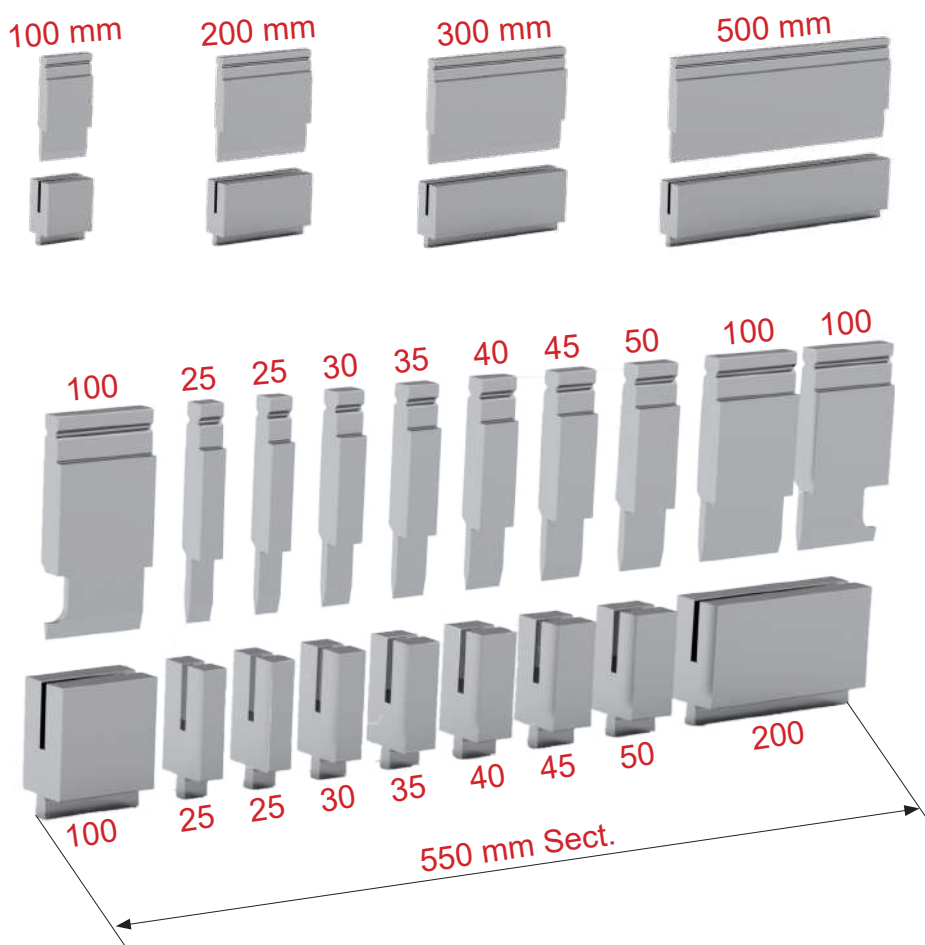
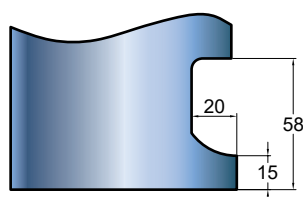




Lunghezze Standard - Standard Lengths



**Scarpetta Standard
Standard Horn**



Il carico massimo delle scarpette corrisponde al 50% del carico massimo indicato sul punzone.

The horns' max load is 50% of the max load of the punch.

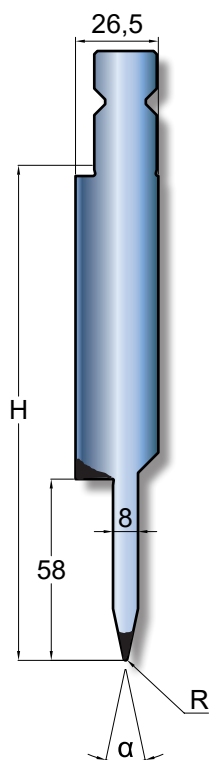
$\sigma \approx 700 \text{ N/mm}^2$				
S [mm]	F [kN/m]	D [mm]	F [kN/m]	2S [mm]
0.60	90	3.0	230	1.2
0.80	120	3.0	320	1.6
1.00	150	3.5	400	2.0
1.25	170	3.5	500	2.5
1.50	220	4.6	630	3.0
2.00	300	5.5	800	4.0
2.50	550	6.5	900	5.0
3.00	700	8.0	1000	6.0

$\sigma \approx 700 \text{ N/mm}^2$				
S [mm]	F [kN/m]	D [mm]	F [kN/m]	2S [mm]
0.60	150	3.0	350	1.2
0.80	200	3.0	500	1.6
1.00	250	3.5	600	2.0
1.25	260	3.5	800	2.5
1.50	380	4.6	950	3.0
2.00	500	5.5	1300	4.0



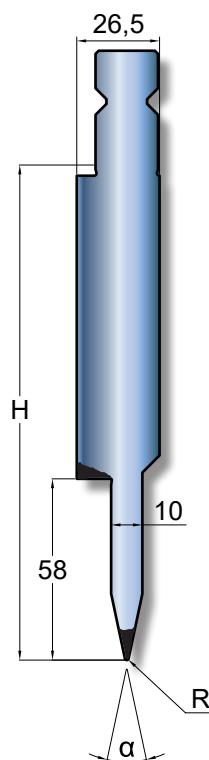
TR PH8

kN/m	α	H	R	Mt
800	24°	158	0.6	■



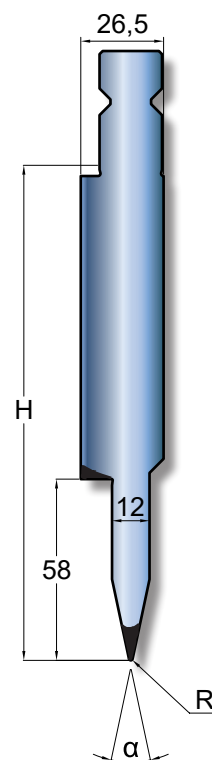
TR PH10

kN/m	α	H	R	Mt
800	24°	158	0.6	■



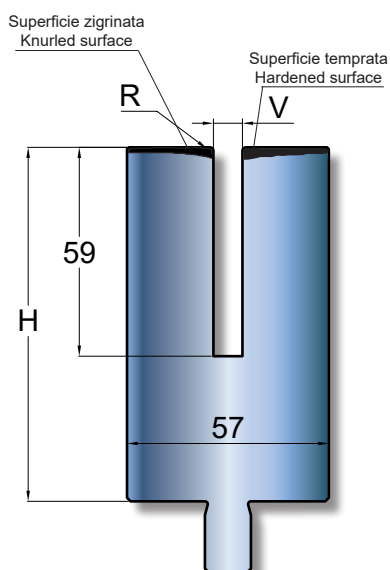
TR PH12

kN/m	α	H	R	Mt
800	24°	158	0.6	■



TR VH8

kN/m	V	H	R	Mt
500	8.2	100	1.0	■

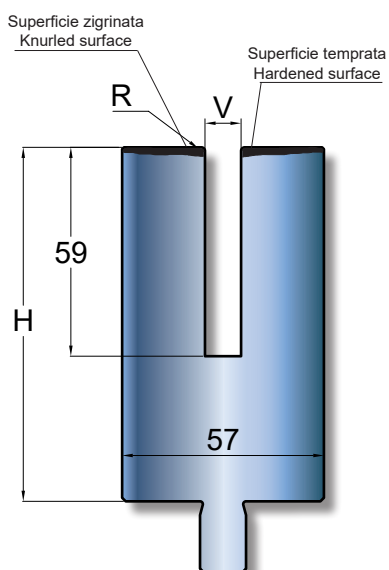


Max. Spessore
1 mm

Max. Thickness
1 mm

TR VH10

kN/m	V	H	R	Mt
500	10.2	100	1.0	■

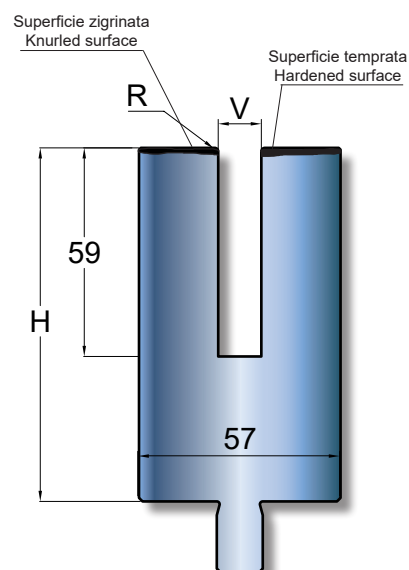


Max. Spessore
1.5 mm

Max. Thickness
1.5 mm

TR VH12

kN/m	V	H	R	Mt
500	12.2	100	1.0	■



Max. Spessore
2 mm

Max. Thickness
2 mm



Piegatura con spostamento dell'utensile inferiore

Gli utensili (FWZ, ZDL, MST) possono essere utilizzati solo in combinazione con alcune presse, poiché l'uso di questi utensili richiede uno spostamento dell' utensile inferiore.

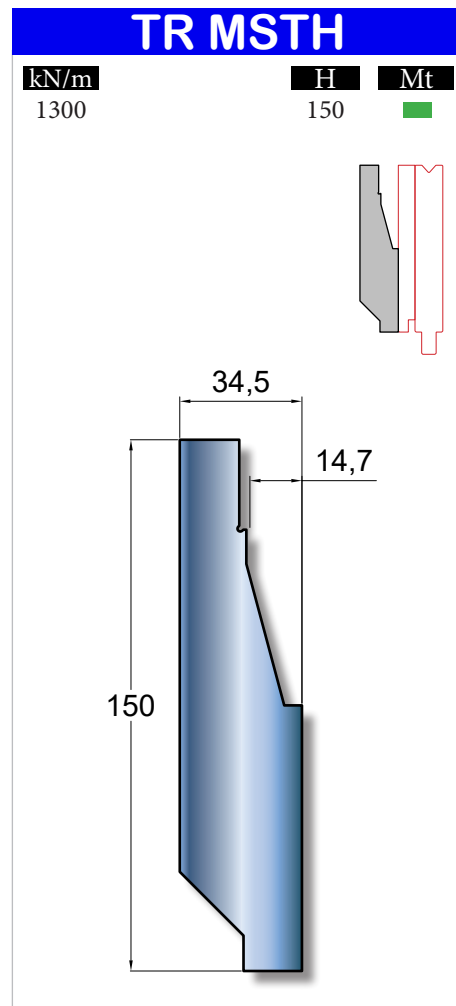
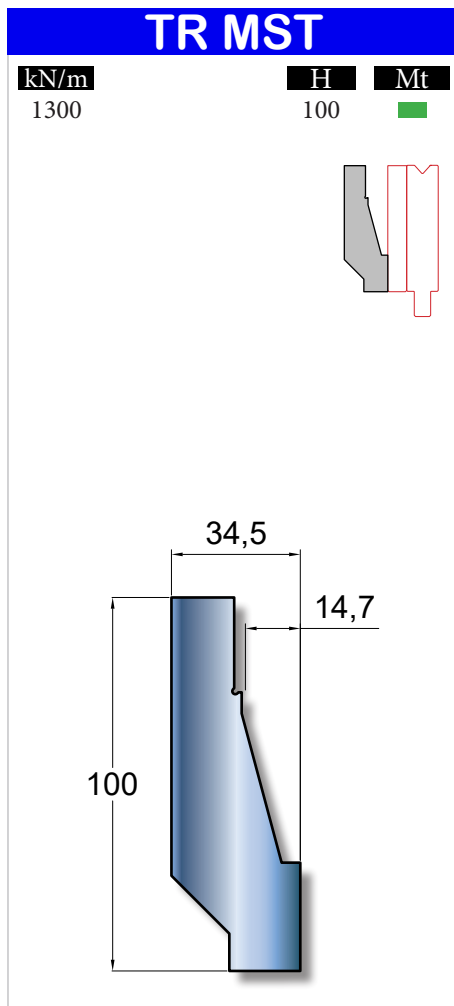
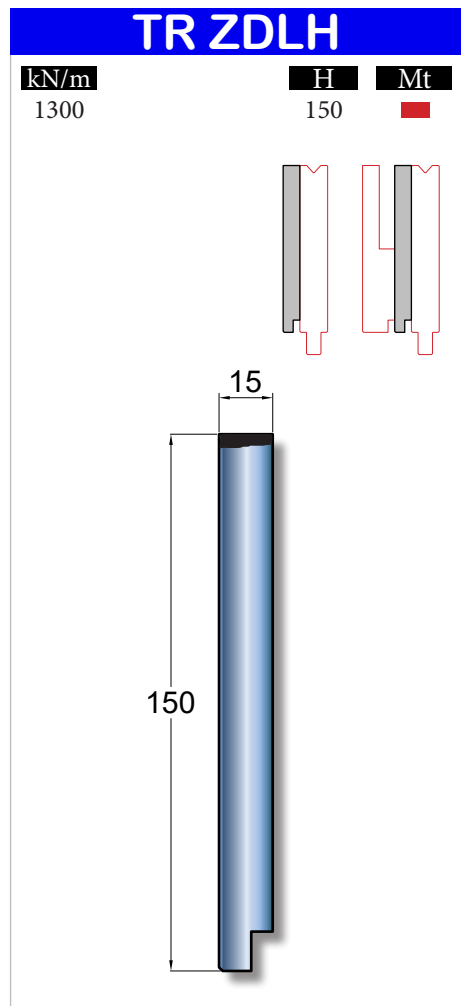
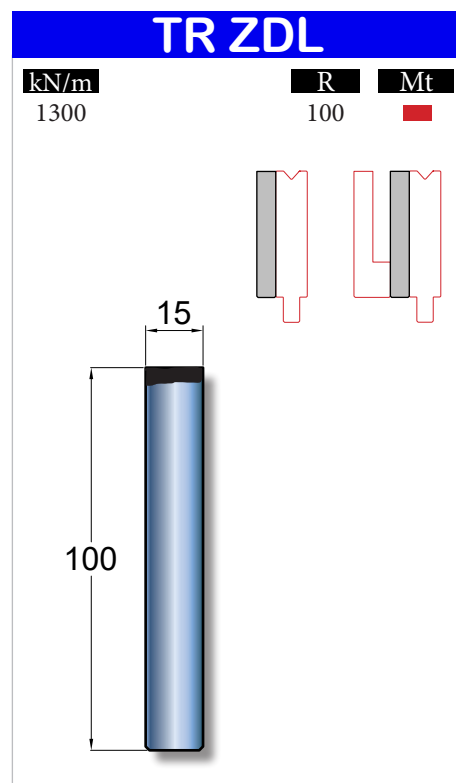
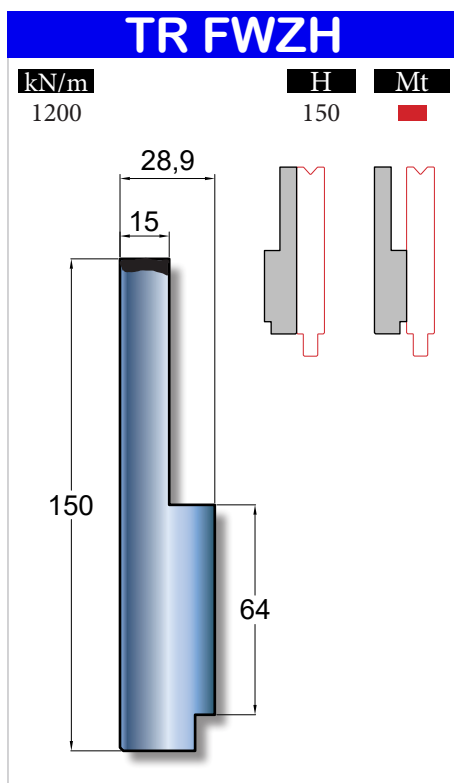
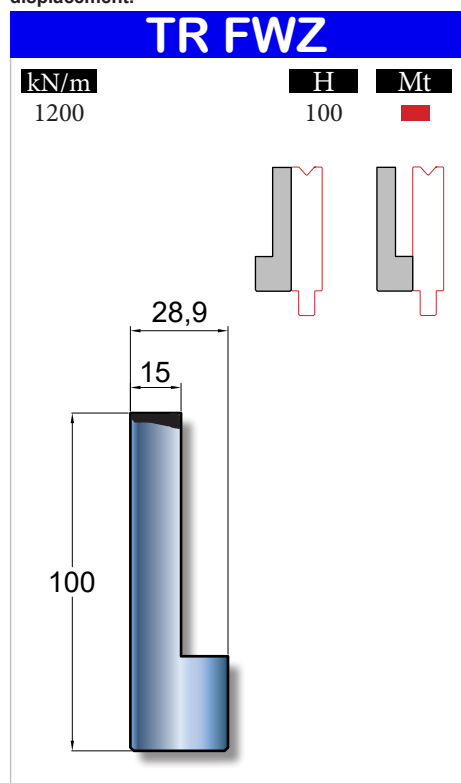
Folding with lower tool displacement

The tools (FWZ, ZDL, MST) can only be used in combination with some press brakes, because the insert of these tools requires lower tool displacement.

DISPONIBILI NELLE MISURE DI PAG. 48 - 49

AVAILABLE IN THE SAME LENGTHS OF PAG.48 - 49

Non disponibili come standard - **Not** available as standard
20 mm - 15 mm - 10 mm





ECCEPTE IL MODELLO TR K57
DISPONIBILI NELLE MISURE DI PAG. 46-47

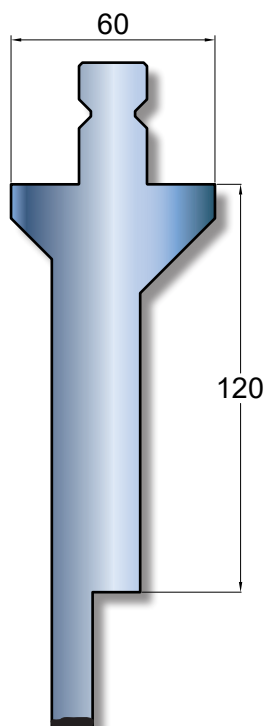
EXEPT MODEL TR K57
AVAILABLE IN THE SAME LENGTHS OF PAG. 46-47



TR 209S

kN/m Mt
2500 ■

H
120



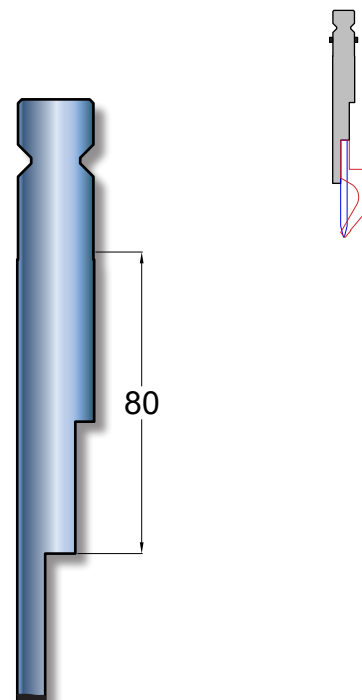
Non disponibili
Not available
20 mm
15 mm
10 mm

rif. lungh. PAG 42 - 43
ref. lenght PAG 42 - 43

TR K80

kN/m Mt
1000 ■

H
80



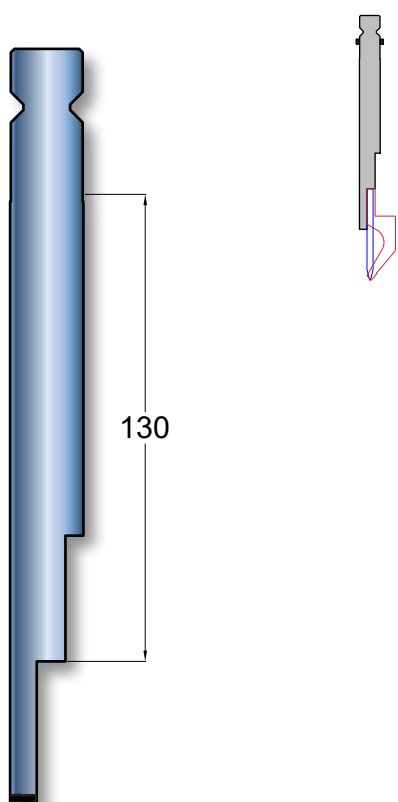
Non disponibili
Not available
20 mm
15 mm
10 mm

rif. lungh. PAG 42 - 43
ref. lenght PAG 42 - 43

TR K130

kN/m Mt
1000 ■

H
130



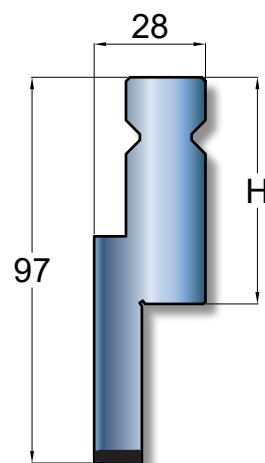
Non disponibili
Not available
20 mm
15 mm
10 mm

rif. lungh. PAG 42 - 43
ref. lenght PAG 42 - 43

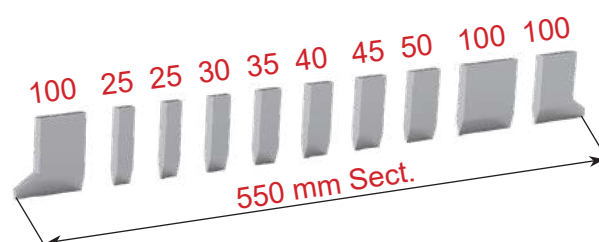
TR K57

kN/m Mt
1000 ■

H
57



Lunghezze disponibili
Lengths available
100 mm
200 mm
300 mm
500 mm
550 mm sect.





Blades for TR 209S

CODE	Mt		α	R	H
TR 32028	■	12	28°	0.3	100
kN/m			28°	1.0	100
1000			28°	1.6	100
			28°	2.0	100
			28°	3.0	100
			28°	4.0	100
			28°	5.0	100
			-	6.0	100
			90°	0.2	100
			90°	0.5	100
			90°	1.0	100
			90°	1.5	100

Non disponibili
Not available
20 mm
15 mm
10 mm

rif. lungh. PAG 42 - 43
ref. lenght PAG 42 - 43

Scarpette su richiesta
Horns on request

Blades for TR K80 / TR K130

CODE	Mt		α	R	H
TR 390	■	6	28°	0.5	90
kN/m					
400					

Non disponibili
Not available
20 mm
15 mm
10 mm

rif. lungh. PAG 42 - 43
ref. lenght PAG 42 - 43

Scarpette su richiesta
Horns on request

CODE	Mt		α	R	H
TR 320F	■	13,5	28°	0.3	100
kN/m			28°	1.0	100
1000			28°	1.6	100
			28°	2.0	100
			28°	3.0	100
			28°	4.0	100
			28°	5.0	100
			-	6.0	100

Non disponibili
Not available
20 mm
15 mm
10 mm

rif. lungh. PAG 42 - 43
ref. lenght PAG 42 - 43

Scarpette su richiesta
Horns on request

CODE	Mt		α	R	H
TR 391	■		80°	0.5	90
kN/m					
400					

Non disponibili
Not available
20 mm
15 mm
10 mm

rif. lungh. PAG 42 - 43
ref. lenght PAG 42 - 43

Scarpette su richiesta
Horns on request

Blades for TR K80

CODE	Mt		α	R	H
TR 390C	■		90°	0.5	90
kN/m					
800					

Non disponibili
Not available
20 mm
15 mm
10 mm

rif. lungh. PAG 42 - 43
ref. lenght PAG 42 - 43

Scarpette su richiesta
Horns on request

CODE	Mt		α	R	H
TR 391C	■		90°	0.5	90
kN/m					
800					

Non disponibili
Not available
20 mm
15 mm
10 mm

rif. lungh. PAG 42 - 43
ref. lenght PAG 42 - 43

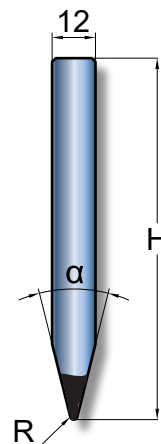
Scarpette su richiesta
Horns on request

Blades for TR K57

kN/m	CODE	α	R	H	Mt
1000	TR 776	86°	1.0	100	■
	TR 774	84°	1.0	100	■
	TR 769	28°	6.0	100	■
	TR 768	28°	5.0	100	■
	TR 767	28°	4.0	100	■
	TR 766	28°	3.0	100	■
	TR 765	28°	2.0	100	■
	TR 763	28°	1.0	100	■
	TR 761	28°	0.5	100	■

Lunghezze disponibili
Lengths available
100 mm
200 mm
300 mm
500 mm
550 mm Sect.

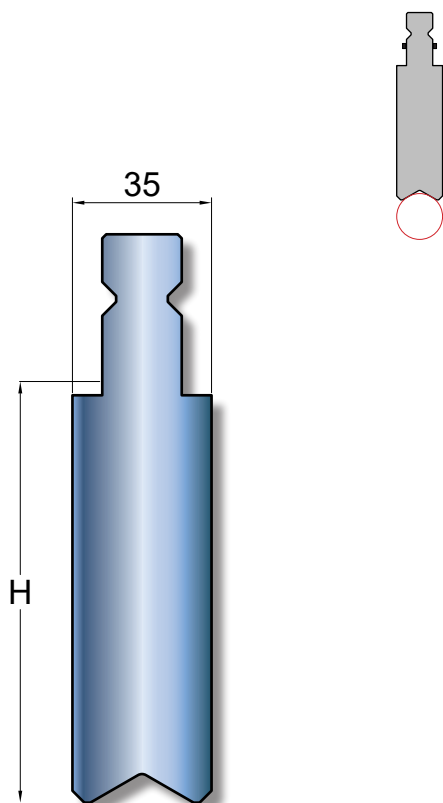
Scarpette incluse
Horns included





TR 308K

kN/m	α	Mt	R	H
1300	-		-	106

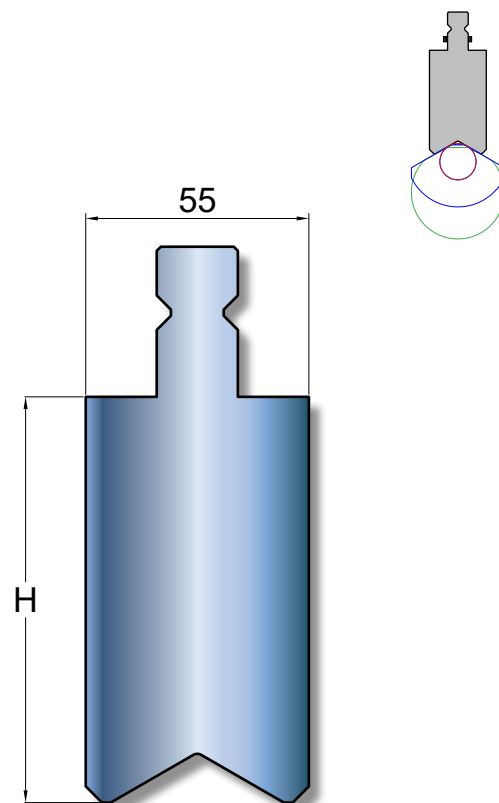


Non disponibili
Not available
20 mm
15 mm
10 mm

rif. lungh. PAG 42 - 43
ref. lenght PAG 42 - 43

TR 308S

kN/m	α	Mt	R	H
1500	-		-	100

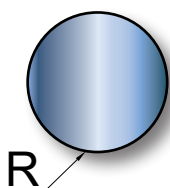


Non disponibili
Not available
20 mm
15 mm
10 mm

rif. lungh. PAG 42 - 43
ref. lenght PAG 42 - 43

Rounds for TR 308K

CODE	Mt	kN/m	R
TR RB		1300	10.0
		1300	12.5
		1500	15.0
		1500	17.5
		1500	20.0
		1500	25.0

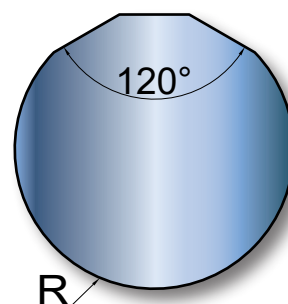


Non disponibili
Not available
20 mm
15 mm
10 mm

rif. lungh. PAG 42 - 43
ref. lenght PAG 42 - 43

Rounds for TR 308S

CODE	Mt	kN/m	R
TR RB		1500	45.0

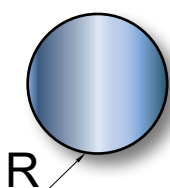


Non disponibili
Not available
20 mm
15 mm
10 mm

rif. lungh. PAG 42 - 43
ref. lenght PAG 42 - 43

Rounds for TR 308S

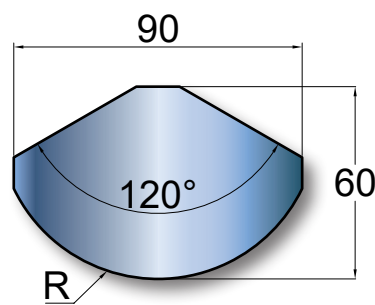
CODE	Mt	kN/m	R
TR RB		1500	15.0
		1500	17.5
		1500	20.0
		1500	25.0
		1500	30.0
		1500	35.0
		1500	40.0



Non disponibili
Not available
20 mm
15 mm
10 mm

rif. lungh. PAG 42 - 43
ref. lenght PAG 42 - 43

CODE	Mt	kN/m	R
TR RB		1500	50.0



Non disponibili
Not available
20 mm
15 mm
10 mm

rif. lungh. PAG 42 - 43
ref. lenght PAG 42 - 43



TR 314K

kN/m
800

H **Mt**
160

Lunghezze disponibili
Lengths available
412 mm
830 mm

TR 316K

kN/m
800

H **Mt**
103

Lunghezze disponibili
Lengths available
412 mm
830 mm

TR 318S

kN/m
800

H **Mt**
220

Lunghezze disponibili
Lengths available
412 mm
830 mm

Rounds for TR 314K - TR 316K - TR 318S

Mt
■

CODE	R	A
AM 1300	7.0	11.5
AM 1301	7.5	11.5
AM 1302	8.0	13.0
AM 1303	9.0	16.0
AM 1304	10.0	16.0
AM 1305	11.0	16.0
AM 1306	11.5	19.0
AM 1307	12.0	20.0

NOTE
Il codice per ordinare il modello 42CrMo4 nitrurato contiene una "H" (es: AMH 1300).

The code for the version 42CrMo4 nitrided contains an "H" (ex: AMH 1300).

Lunghezze
Lengths
415 mm
835 mm

Mt
■

CODE	A	B
AM 1325	17	22

Lunghezze
Lengths
415 mm
835 mm

Mt
■

CODE	R	A	B
AM 1308	12.5	16.0	21.0
AM 1309	13.0	17.0	23.0
AM 1310	14.0	19.0	25.0
AM 1311	15.0	20.0	27.0
AM 1312	16.0	21.0	28.0
AM 1313	17.0	21.5	31.5
AM 1314	17.5	22.0	32.0
AM 1315	19.0	25.0	32.0
AM 1316	20.0	24.0	34.0
AM 1317	22.5	25.0	33.0
AM 1318	25.0	29.0	39.0
AM 1319	27.5	34.0	44.0
AM 1320	30.0	34.0	44.0
AM 1321	35.0	45.0	55.0
AM 1322	40.0	45.0	55.0
AM 1323	45.0	50.0	60.0
AM 1324	50.0	54.0	64.0

NOTE
Il codice per ordinare il modello 42CrMo4 nitrurato contiene una "H" (es: AMH 1300).

The code for the version 42CrMo4 nitrided contains an "H" (ex: AMH 1300).

Lunghezze
Lengths
415 mm
835 mm



TR MDFXH60

kN/m Mt

1500


H
60

PROLUNGA - EXTENSION

Disponibile solo Sect. "B" (max lungh. 100 mm)

Available only Sect. "B" (max length 100 mm)

(rif sect. "B" PAG. 42)

Non disponibili

Not available

500 mm

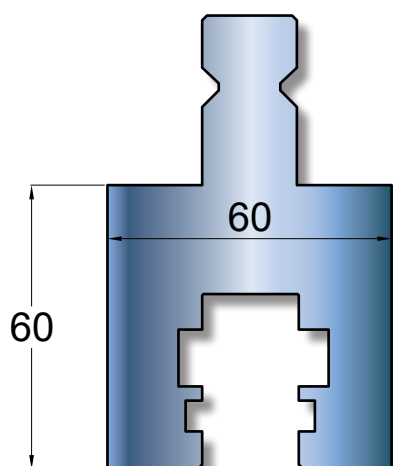
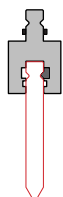
300 mm

200 mm

20 mm

15 mm

10 mm



TR MDFXH80

kN/m Mt

1500


H
80

PROLUNGA - EXTENSION

Disponibile solo Sect. "B" (max lungh. 100 mm)

Available only Sect. "B" (max length 100 mm)

(rif sect. "B" PAG. 42)

Non disponibili

Not available

500 mm

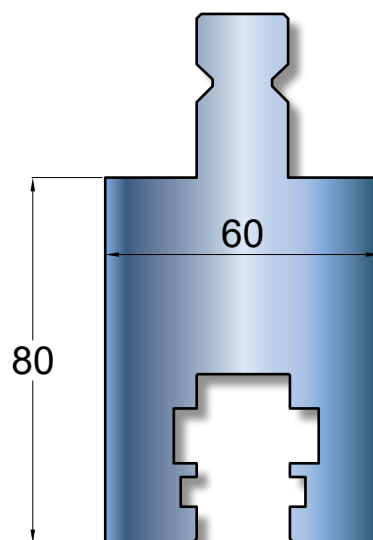
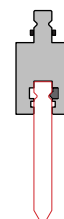
300 mm

200 mm

20 mm

15 mm

10 mm



TR MDFXH100

kN/m Mt

1500


H
100

PROLUNGA - EXTENSION

Disponibile solo Sect. "B" (max lungh. 100 mm)

Available only Sect. "B" (max length 100 mm)

(rif sect. "B" PAG. 42)

Non disponibili

Not available

500 mm

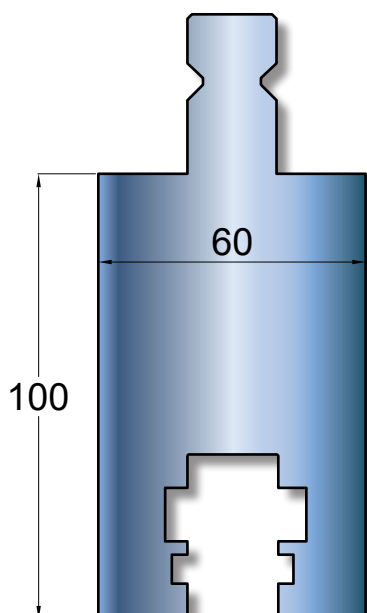
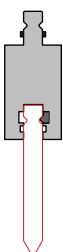
300 mm

200 mm

20 mm

15 mm

10 mm



TR MDFXH150

kN/m Mt

1500


H
150

PROLUNGA - EXTENSION

Disponibile solo Sect. "B" (max lungh. 100 mm)

Available only Sect. "B" (max length 100 mm)

(rif sect. "B" PAG. 42)

Non disponibili

Not available

500 mm

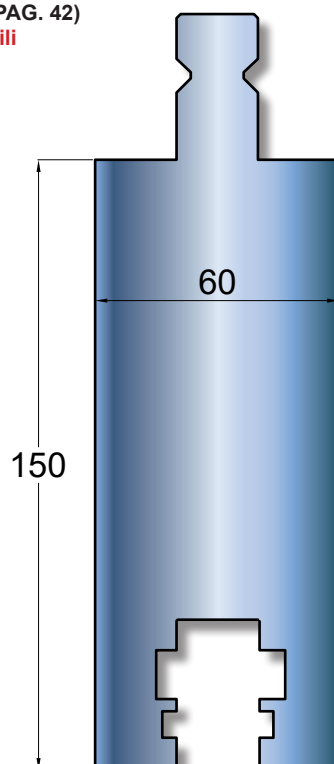
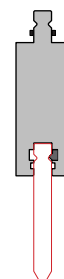
300 mm

200 mm

20 mm

15 mm

10 mm





TR MDFXH200

kN/m Mt

1000



H

200

PROLUNGA - EXTENSION

Disponibile solo Sect. "B" (max lungh. 100 mm)

Available only Sect. "B" (max length 100 mm)

(rif sect. "B" PAG. 42)

Non disponibili

Not available

500 mm

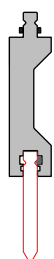
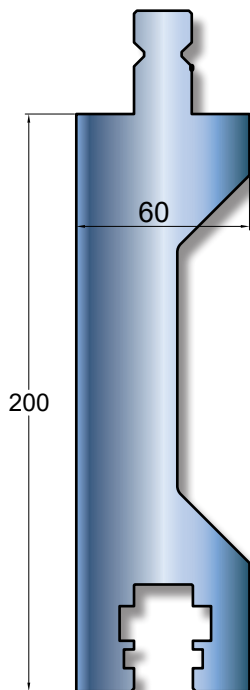
300 mm

200 mm

20 mm

15 mm

10 mm



TR MDFXH220

kN/m Mt

900



H

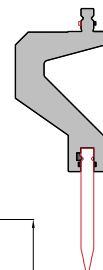
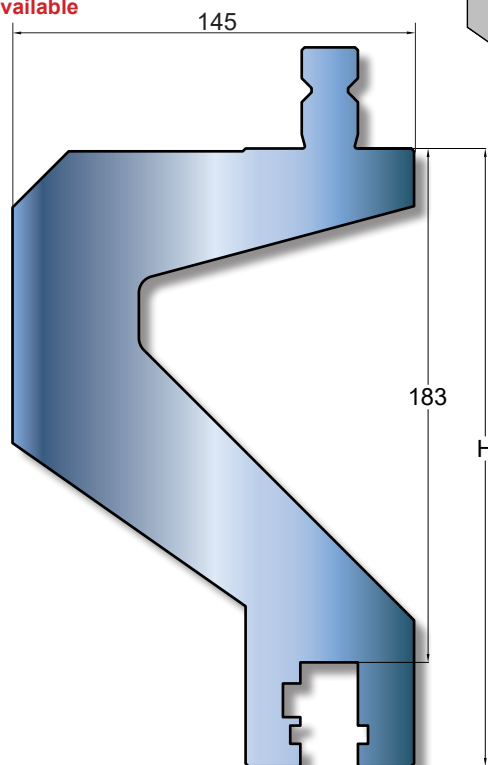
220

PROLUNGA - EXTENSION

Lunghezza disponibile

Length available

200 mm



TR MDFXV

kN/m Mt

1000



H

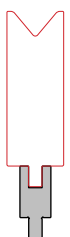
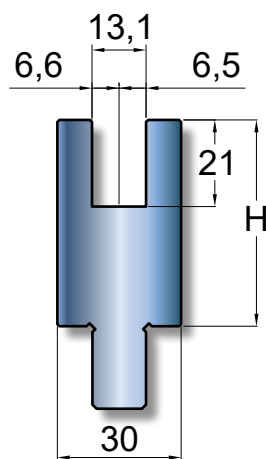
50

PORTA MATRICE - DIE HOLDER

Lunghezza disponibile

Length available

500 mm



TR MDFXVL

kN/m Mt

1000



H

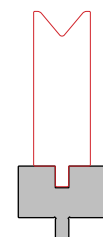
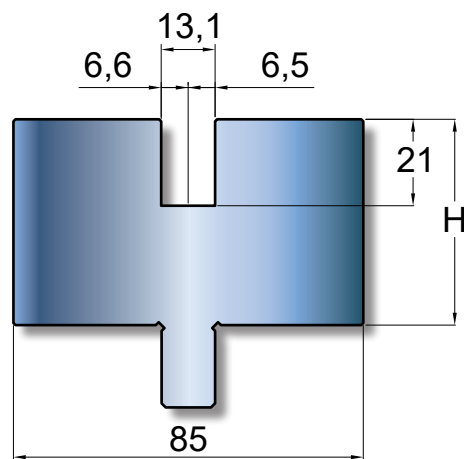
50

PORTA MATRICE - DIE HOLDER

Lunghezza disponibile

Length available

500 mm



**TR AM80**

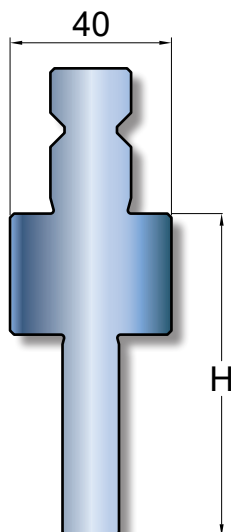
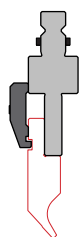
kN/m **Mt**
1000 ■

H
80

TRUMPF / AMADA ADATTATORE
TRUMPF / AMADA ADAPTER

Lunghezza disponibile
Length available
150 mm

Staffe NON incluse
Clamp plates NOT included

**TR AM120**

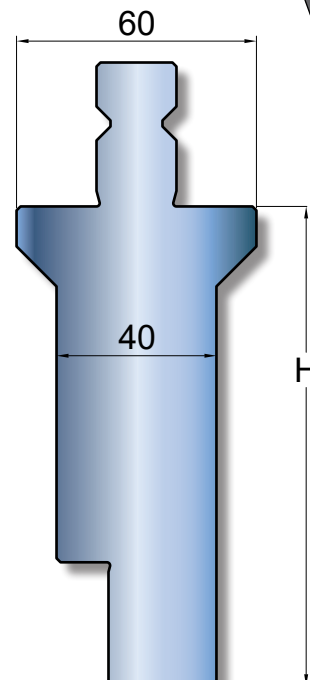
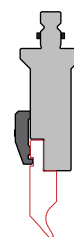
kN/m **Mt**
1000 ■

H
120

TRUMPF / AMADA ADATTATORE
TRUMPF / AMADA ADAPTER

Lunghezza disponibile
Length available
150 mm

Staffe NON incluse
Clamp plates NOT included

**TR AM220**

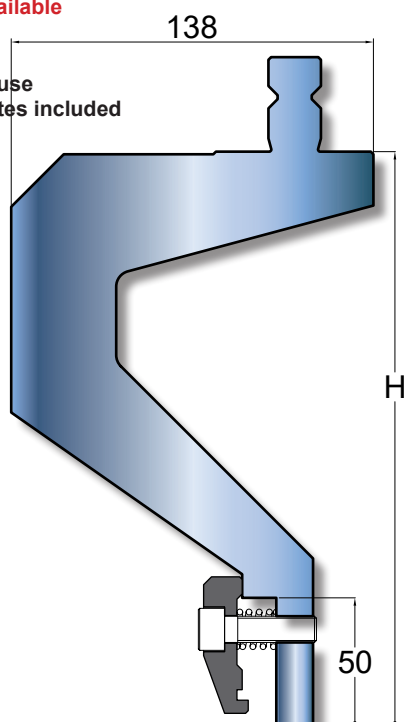
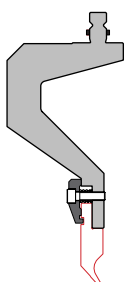
kN/m **Mt**
900 ■

H
220

TRUMPF / AMADA ADATTATORE
TRUMPF / AMADA ADAPTER

Lunghezza disponibile
Length available
200 mm

Staffe incluse
Clamp plates included

**TR AMV40**

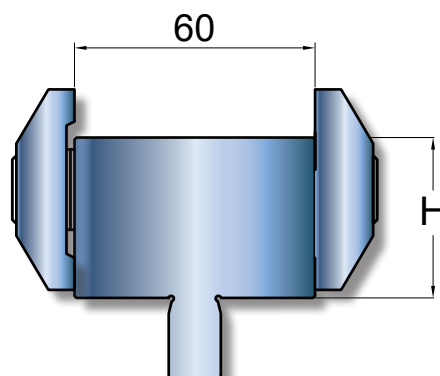
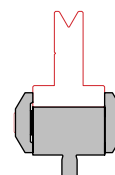
kN/m **Mt**
1000 ■

H
40

TRUMPF / AMADA ADATTATORE
TRUMPF / AMADA ADAPTER

Lunghezza disponibile
Length available
415 mm
835 mm

Staffe incluse
Clamp plates included

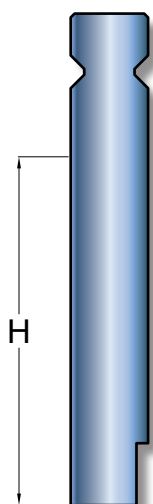
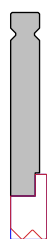




TR K90

kN/m **Mt**
1500 ■

H
90



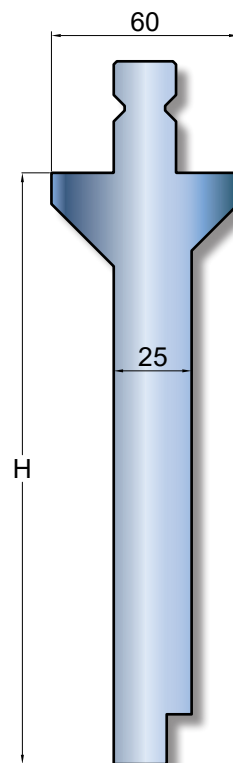
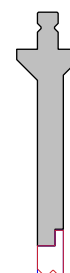
Non disponibili
Not available
20 mm
15 mm
10 mm

rif. lungh. PAG 42 - 43
ref. lenght PAG 42 - 43

TR S190

kN/m **Mt**
1500 ■

H
190



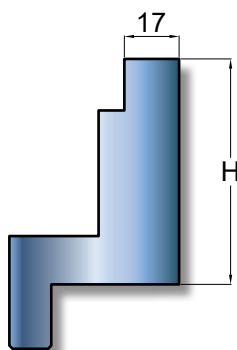
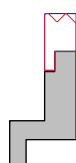
Non disponibili
Not available
20 mm
15 mm
10 mm

rif. lungh. PAG 42 - 43
ref. lenght PAG 42 - 43

TR EV70

kN/m **Mt**
1200 ■

H
70



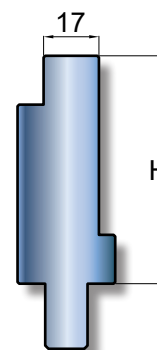
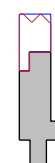
Non disponibili
Not available
20 mm
15 mm
10 mm

rif. lungh. PAG 42 - 43
ref. lenght PAG 42 - 43

TR EV70M

kN/m **Mt**
1200 ■

H
70



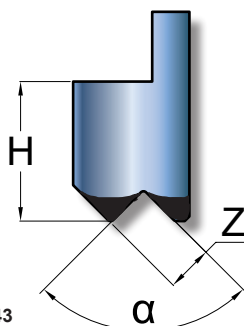
Non disponibili
Not available
20 mm
15 mm
10 mm

rif. lungh. PAG 42 - 43
ref. lenght PAG 42 - 43

TR ZE90

kN/m **α** **Mt**
1200 90° ■

R	Z	H
0.8	4	30
0.8	6	30
0.8	8	30
0.8	10	30

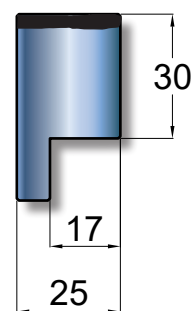


Non disponibili
Not available
20 mm
15 mm
10 mm

rif. lungh. PAG 42 - 43
ref. lenght PAG 42 - 43

TR INF180

kN/m **Mt**
1300 ■



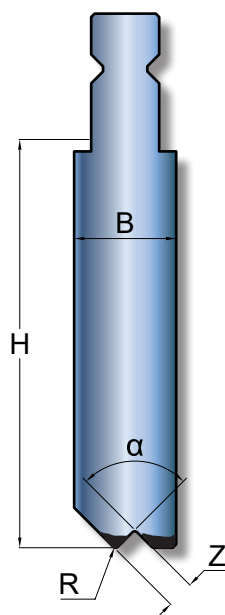
Non disponibili
Not available
20 mm
15 mm
10 mm

rif. lungh. PAG 42 - 43
ref. lenght PAG 42 - 43



TR ZK90

kN/m	α	Mt	Z	R	B	H
1200	90°		4	0.6	20	120
			6	0.6	20	120
			8	1.0	30	120
			10	1.0	30	120

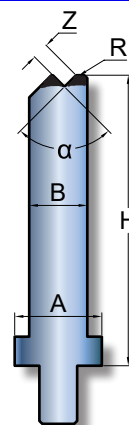


Non disponibili
Not available
20 mm
15 mm
10 mm

rif. lungh. PAG 42 - 43
ref. lenght PAG 42 - 43

TR VZ90

kN/m	α	Mt	Z	R	H	A	B
1200	90°		4	0.6	100		
			6	0.6	100		
						30	20
						30	20

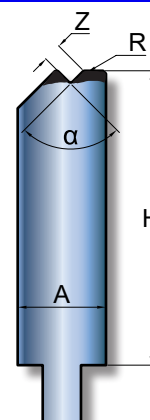


Non disponibili
Not available
20 mm
15 mm
10 mm

rif. lungh. PAG 42 - 43
ref. lenght PAG 42 - 43

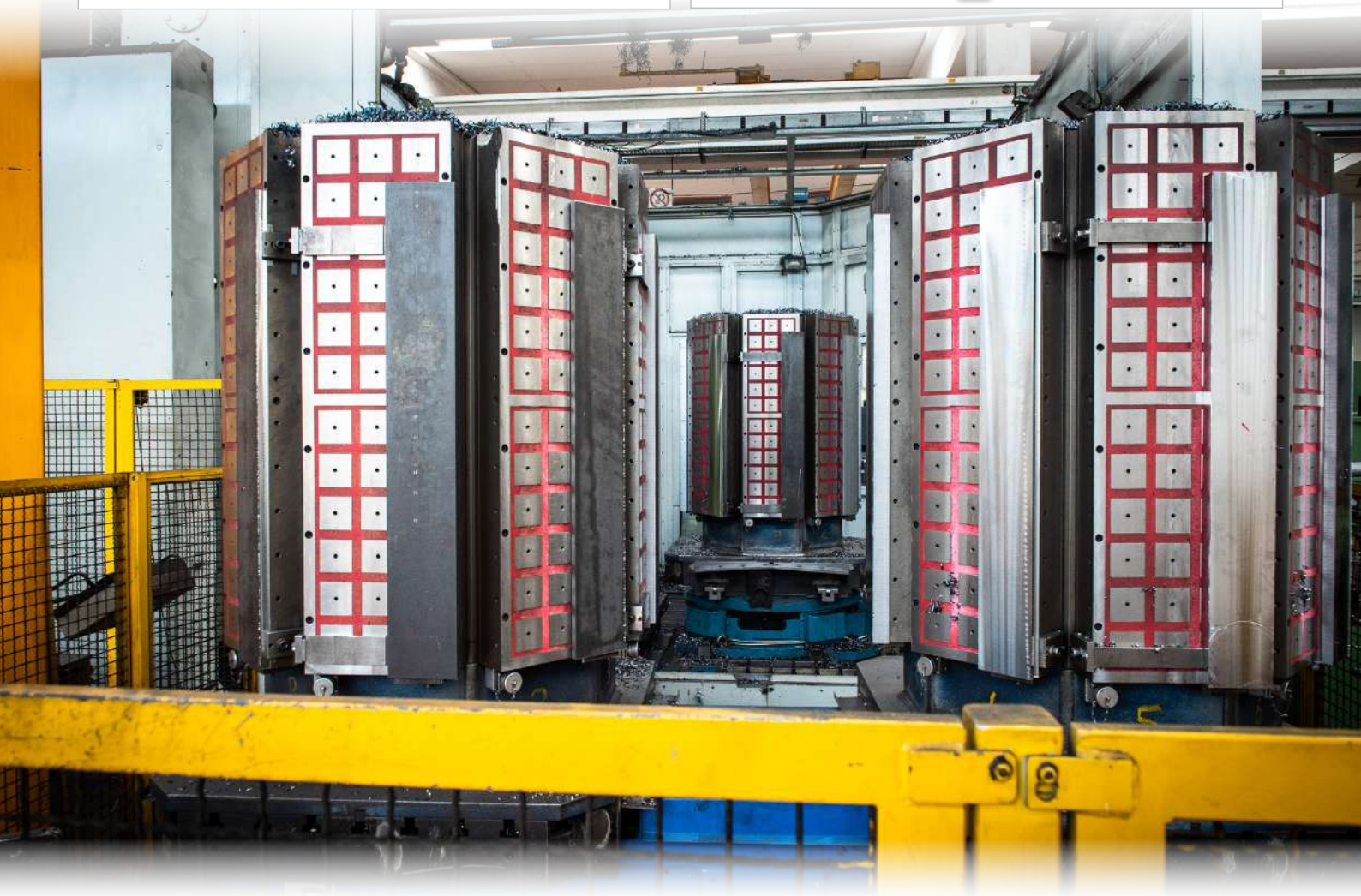
TR VZ90

kN/m	α	Mt	Z	R	H	A
1200	90°		8	1.0	100	
			10	1.0	100	
						30
						30



Non disponibili
Not available
20 mm
15 mm
10 mm

rif. lungh. PAG 42 - 43
ref. lenght PAG 42 - 43





TR ZK62

kN/m

1000

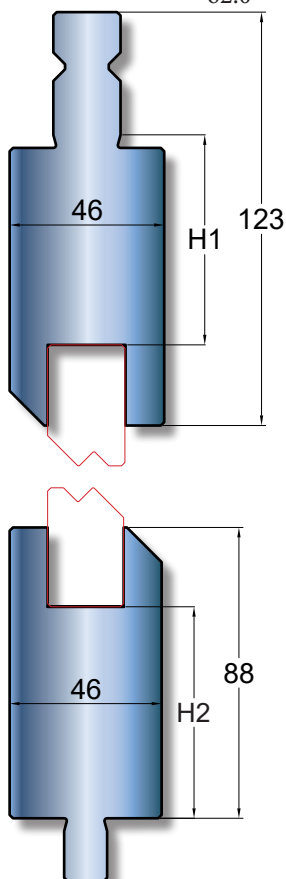
H1

62.0

H2

90.0

Mt


Lunghezze disponibili
Lengths available

415 mm
835 mm

Inserts for TR ZK62

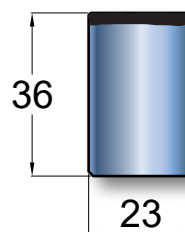
kN/m

1000

Mt

CODE

AM 4500


Lunghezze disponibili
Lengths available

415 mm
835 mm

kN/m

1000

Mt

CODE

AM 4510

Z

1.0

 α

160°

R

0.5

T

1.0

AM 4515

1.5

160°

0.5

1.2

AM 4520

2.0

150°

0.5

1.5

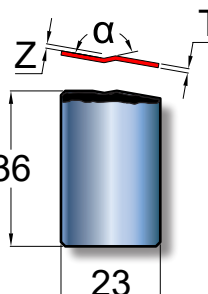
AM 4525

2.5

140°

0.5

1.5


Lunghezze disponibili
Lengths available

415 mm
835 mm

T = Max Spessore
T = Max Thickness

Inserts for TR ZK62

kN/m

1000

Mt

CODE

AM 4585

Z

8.5

 α

90°

R

0.8

T

2.0

AM 4590

9.0

90°

0.8

2.0

AM 4610

10.0

90°

0.8

2.0

AM 4611

11.0

90°

1.0

2.0

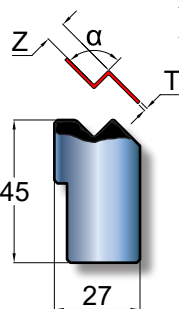
AM 4612

12.0

90°

1.0

2.0


Lunghezze disponibili
Lengths available

415 mm
835 mm

T = Max Spessore
T = Max Thickness

kN/m

1000

Mt

CODE

AM 4613

Z

13.0

 α

90°

R

1.0

T

2.5

AM 4614

14.0

90°

1.0

2.5

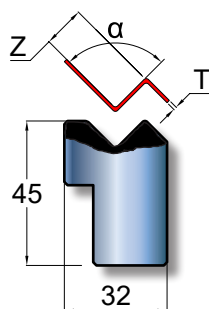
AM 4615

15.0

90°

1.0

3.0


Lunghezze disponibili
Lengths available

415 mm
835 mm

T = Max Spessore
T = Max Thickness

Inserts for TR ZK62

kN/m

1000

Mt

CODE

AM 4511

Z

1.0

 α

90°

R

0.3

T

0.5

AM 4516

1.5

90°

0.3

0.5

AM 4521

2.0

90°

0.5

0.8

AM 4526

2.5

90°

0.5

1.0

AM 4530

3.0

90°

0.5

1.0

AM 4535

3.5

90°

0.5

1.2

AM 4540

4.0

90°

0.5

1.2

AM 4545

4.5

90°

0.5

1.5

AM 4550

5.0

90°

0.5

1.5

AM 4555

5.5

90°

0.5

1.5

AM 4560

6.0

90°

0.5

1.5

AM 4565

6.5

90°

0.5

1.5

AM 4570

7.0

90°

0.5

1.5

AM 4575

7.5

90°

0.5

1.6

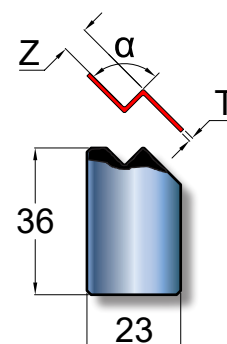
AM 4580

8.0

90°

0.5

1.6


Lunghezze disponibili
Lengths available

415 mm
835 mm

T = Max Spessore
T = Max Thickness



LEGENDA LEGEND

L=Max lunghezza stampi
L=Max length tools

N=N° Max stampi
N=N° Max tools

W=Peso
W=Weight

Altri colori su richiesta

Other colours on request



TR 4652

L	N	W
1100 mm	55	450 Kg



TR 4653

L	N	W
1100 mm	30	300 Kg

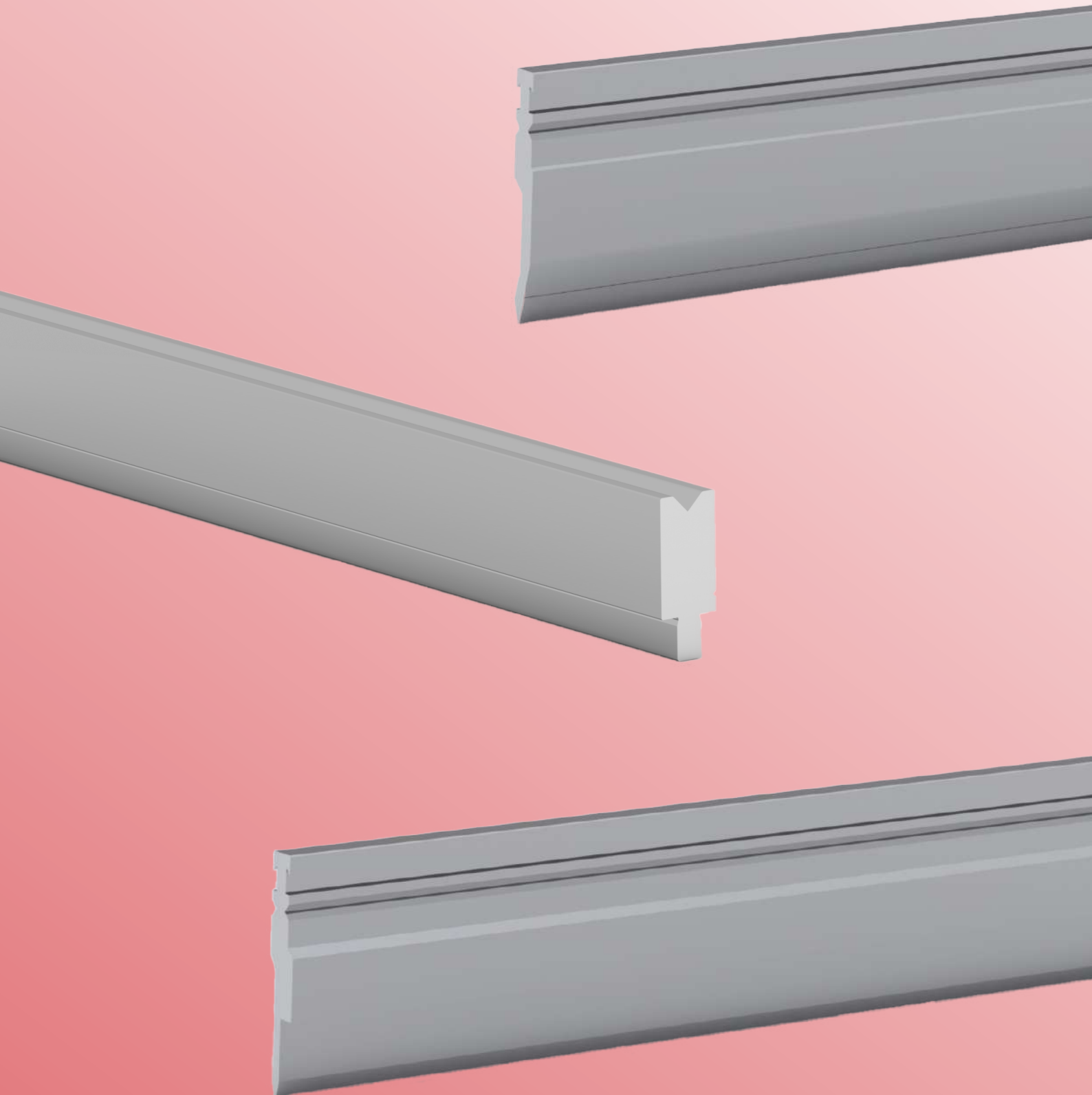


Questi modelli di armadi portautensili sono compatibili anche con le linee tipo:
BYSTRONIC - LVD - WILA

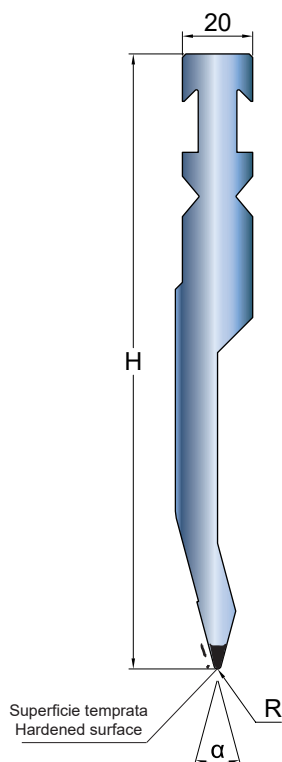
These tools cabinets are compatible also with lines:
BYSTRONIC - LVD - WILA



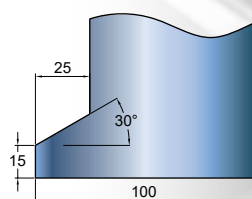
BYSTRONIC STYLE



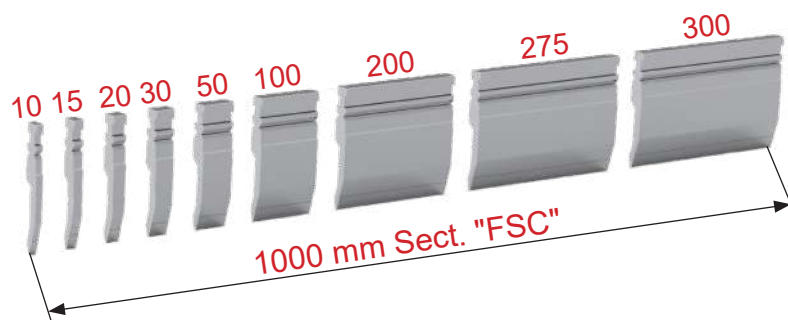
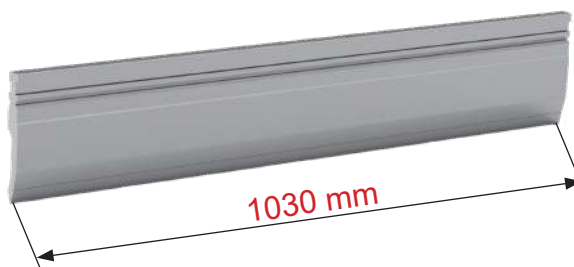
Attacco Standard
Standard clamp



Scarpetta Standard
Standard Horn



Lunghezze standard - Standard lengths



NOTE

Su richiesta, disponibile la frazionatura 1100mm FSL:

1100mm FSL sectioning available on request:

10 - 15 - 20 - 30 - 50 - 100 - 200 - 300 - 375

Sono su richiesta disponibili le lunghezze
10 - 15 - 20 - 25 - 30 - 35 - 40 - 45 - 50 - 55 - 60 - 65 - 70 - 75 - 80 - 90 - 95 - 100 - 200 - 275 - 300

On request are available these lengths
10 - 15 - 20 - 25 - 30 - 35 - 40 - 45 - 50 - 55 - 60 - 65 - 70 - 75 - 80 - 90 - 95 - 100 - 200 - 275 - 300

****:** Scarpette disponibili singolarmente / Horns available individually

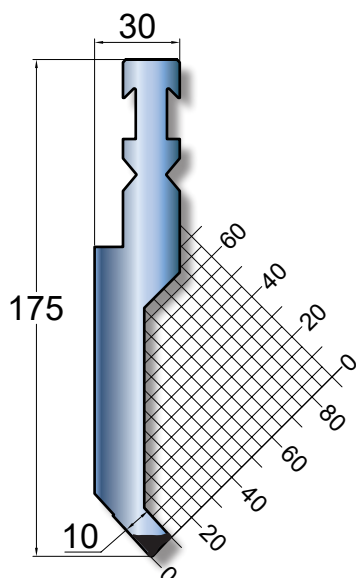
Il carico massimo delle scarpette corrisponde al 50% del carico massimo indicato sul punzone.

The horns' max load is 50% of the max load of the punch.



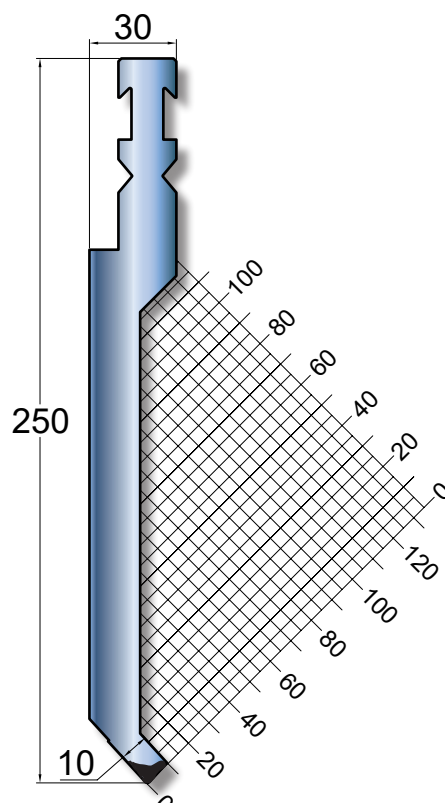
BE P2RFA

kN/m	α	Mt	R	H
1000	85°	■	1.0	175



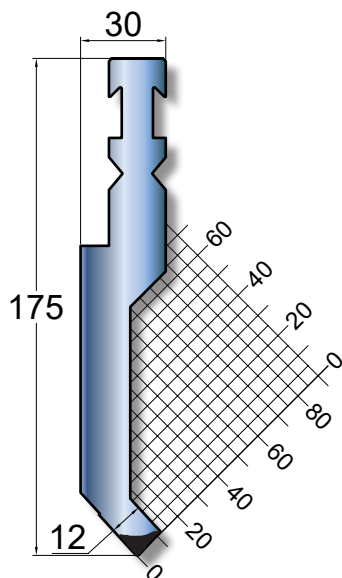
BE P2RFA250

kN/m	α	Mt	R	H
1000	85°	■	1.0	250



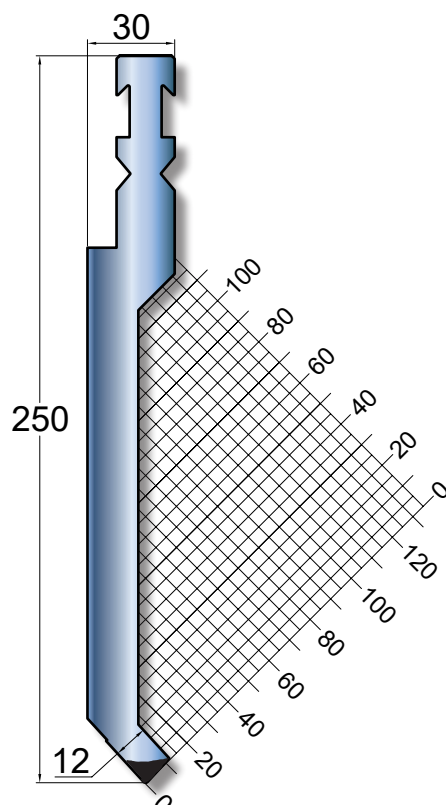
BE P3RFA

kN/m	α	Mt	R	H
1300	85°	■	1.0	175



BE P3RFA250

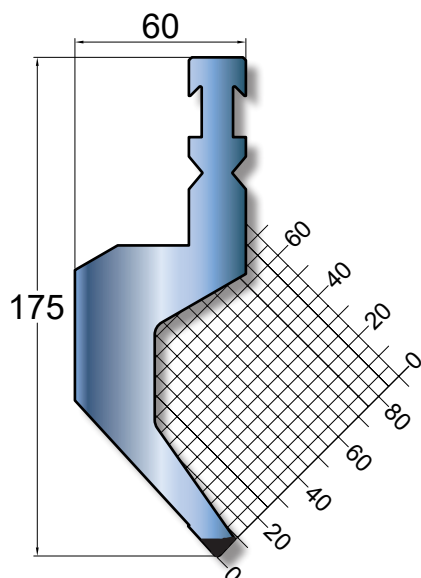
kN/m	α	Mt	R	H
1300	85°	■	1.0	250





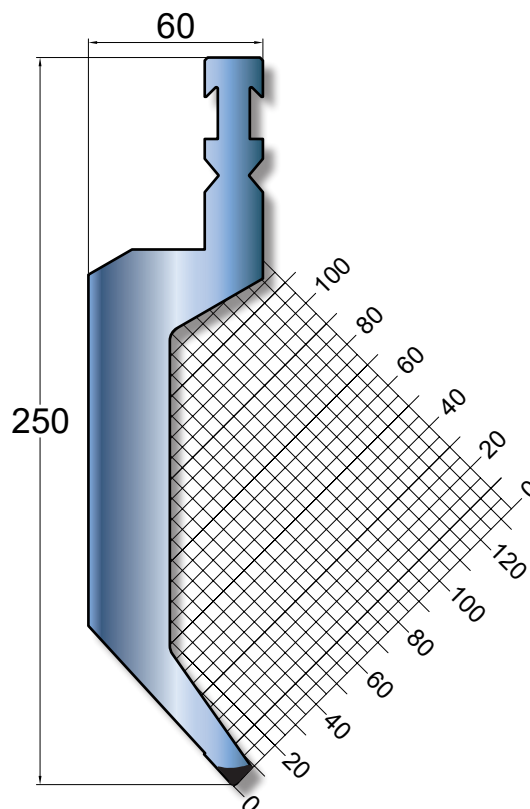
BE P4RFA

kN/m	α	Mt	R	H
600	85°	■	1.0	175
			1.5	175



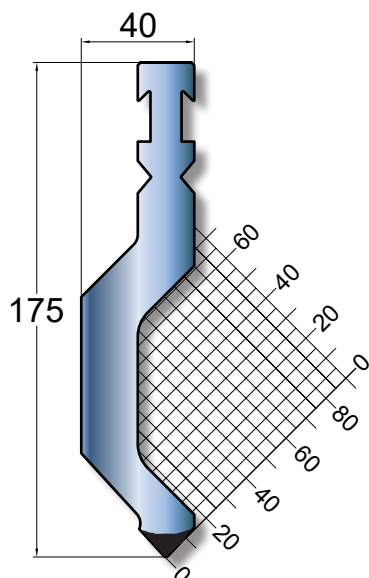
BE P4RFA250

kN/m	α	Mt	R	H
600	85°	■	1.0	250
			1.5	250



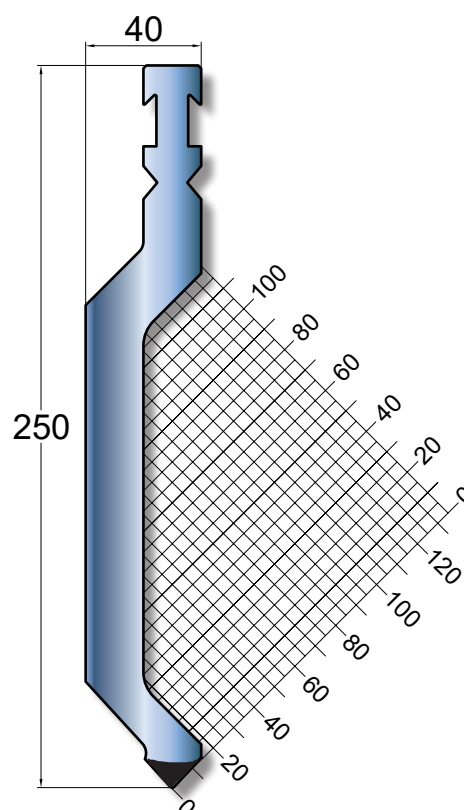
BE P8RFA

kN/m	α	Mt	R	H
1000	85°	■	1.0	175



BE P8RFA250

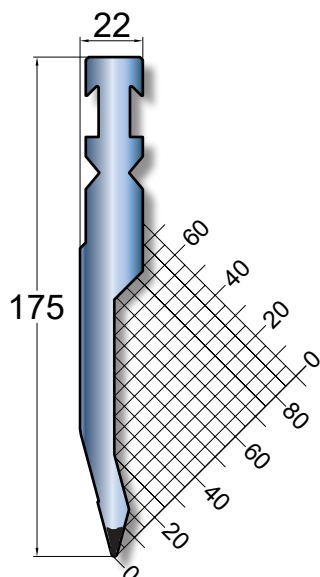
kN/m	α	Mt	R	H
1000	85°	■	1.0	250





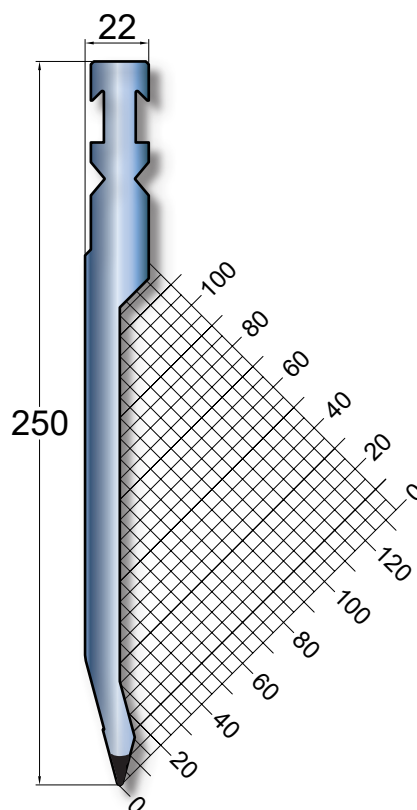
BE P5RFA

kN/m	α	Mt	R	H
1000	30°		1.0	175



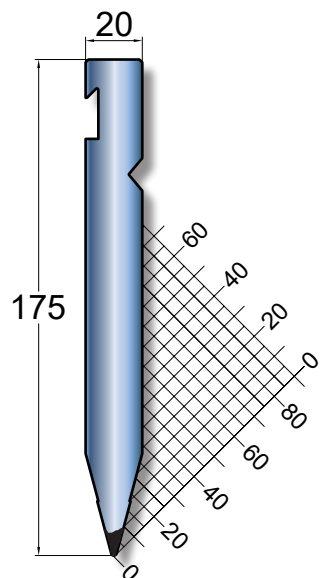
BE P5RFA250

kN/m	α	Mt	R	H
750	30°		1.0	250



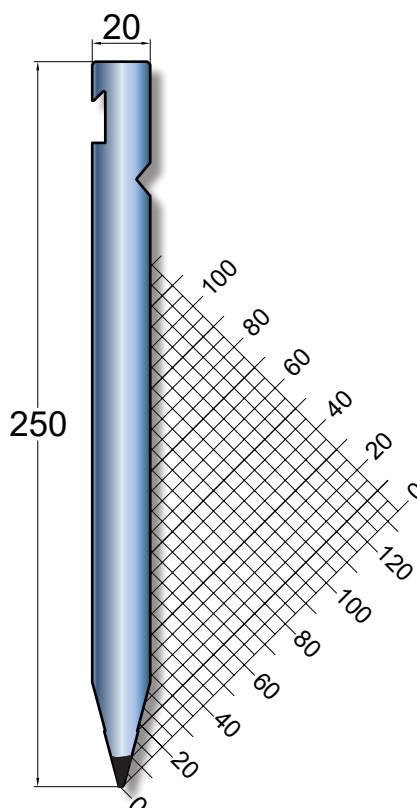
BE P6RFA

kN/m	α	Mt	R	H
1500	30°		1.0	175



BE P6RFA250

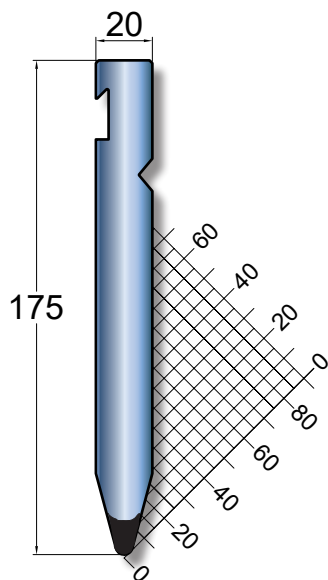
kN/m	α	Mt	R	H
1500	30°		1.0	250





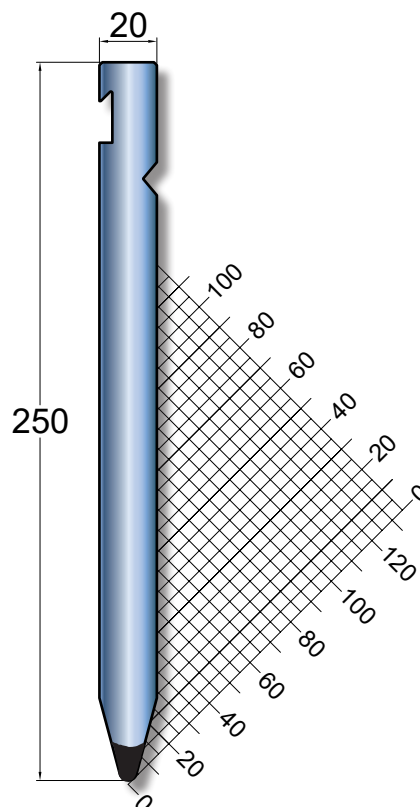
BE P7RFA

kN/m	α	Mt	R	H
1600	30°	■	3.0	175



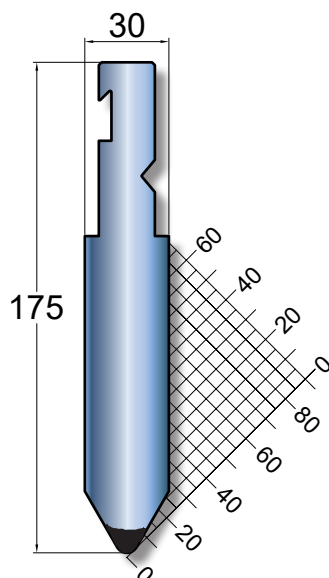
BE P7RFA250

kN/m	α	Mt	R	H
1600	30°	■	3.0	250



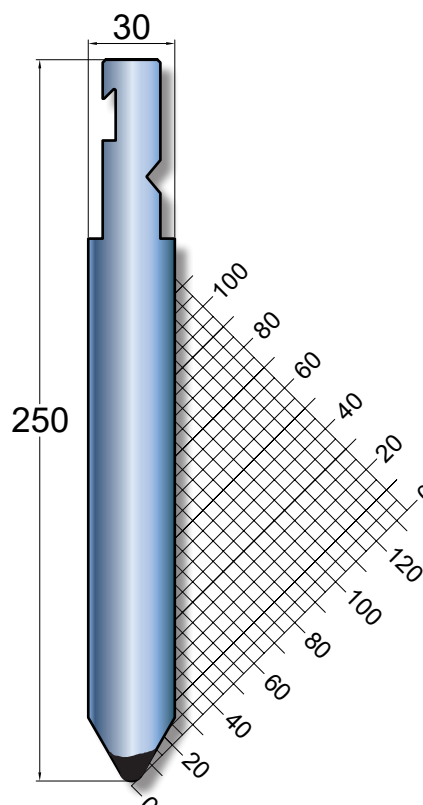
BE P9RFA

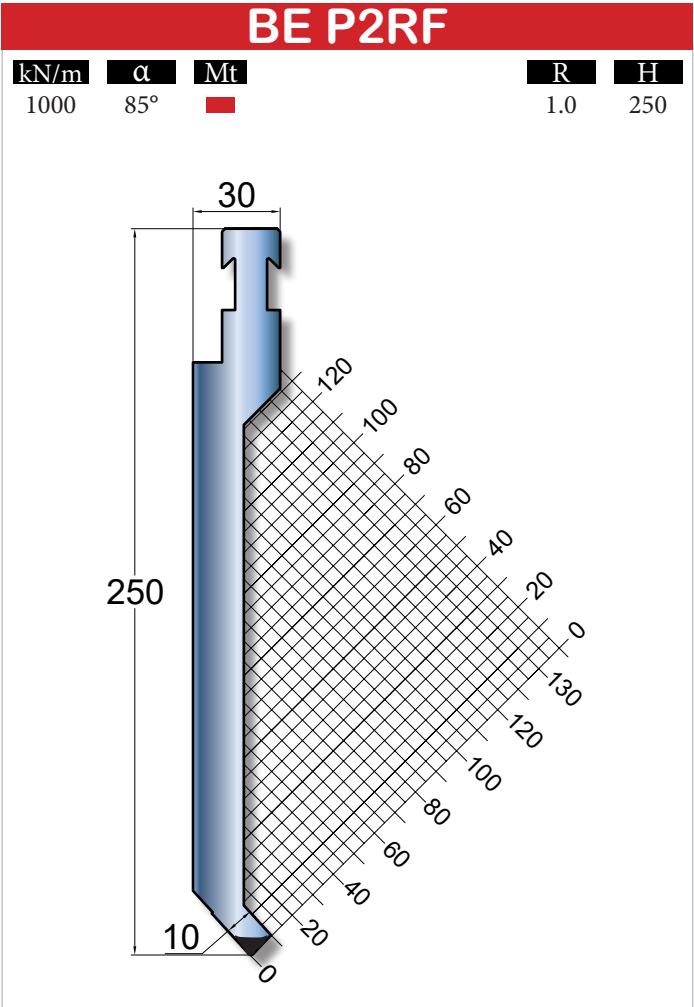
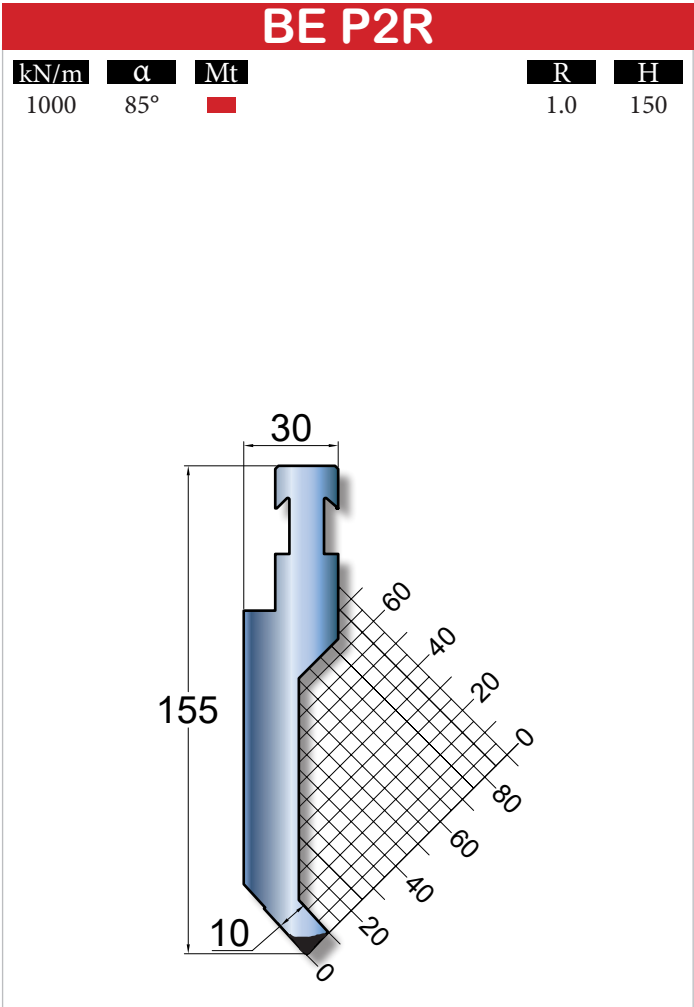
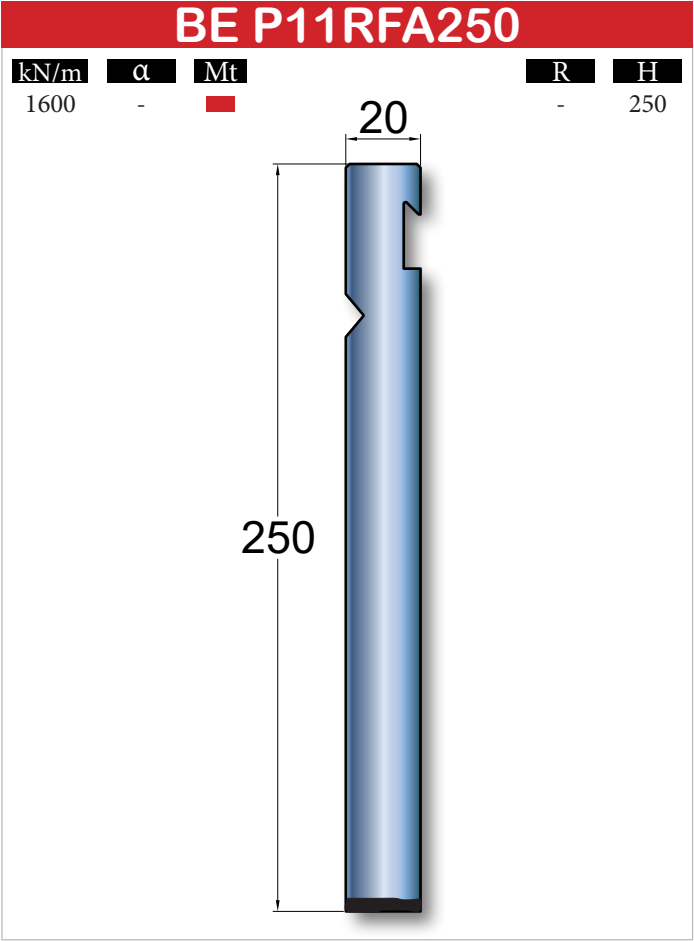
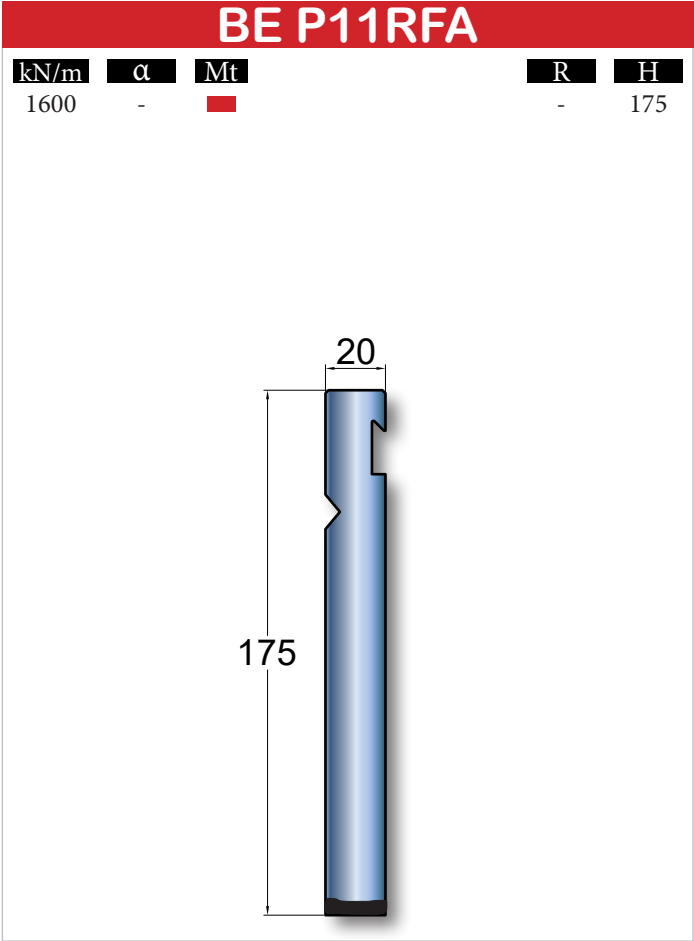
kN/m	α	Mt	R	H
1600	60°	■	4.0	175



BE P9RFA250

kN/m	α	Mt	R	H
1600	60°	■	4.0	250

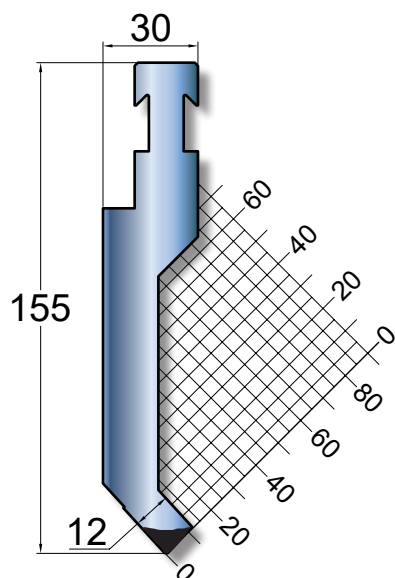






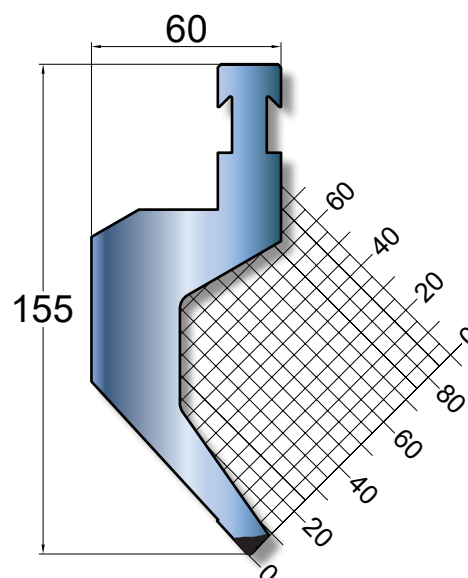
BE P3R

kN/m	α	Mt	R	H
1300	85°		1.0	155



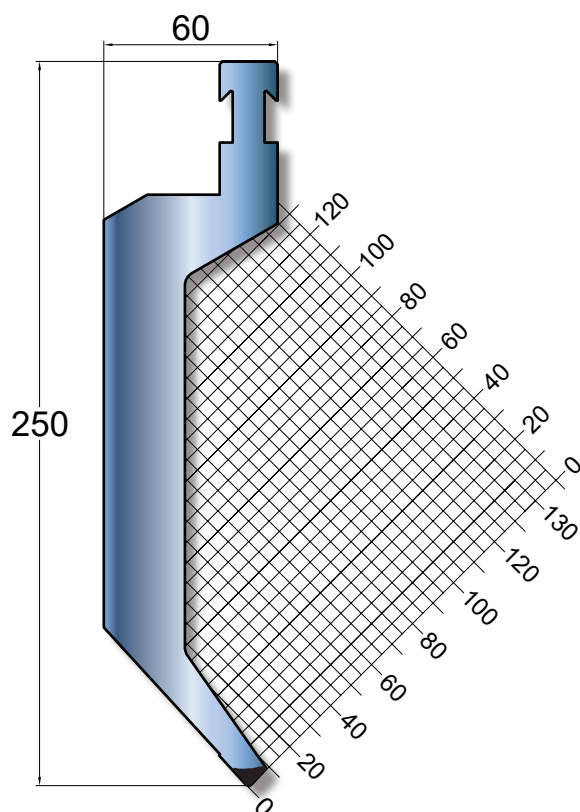
BE P4R

kN/m	α	Mt	R	H
600	85°		1.0	155
			1.5	155



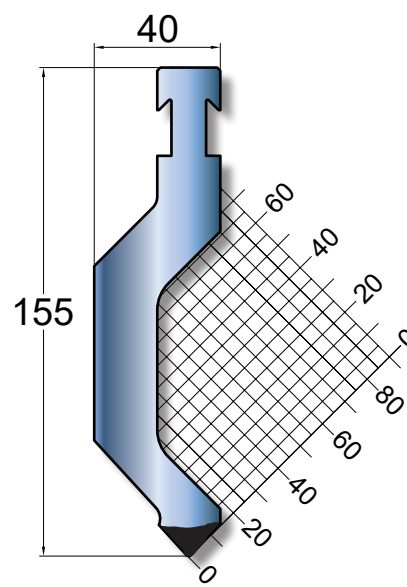
BE P4RF

kN/m	α	Mt	R	H
700	85°		1.0	250
			1.5	250



BE P8R

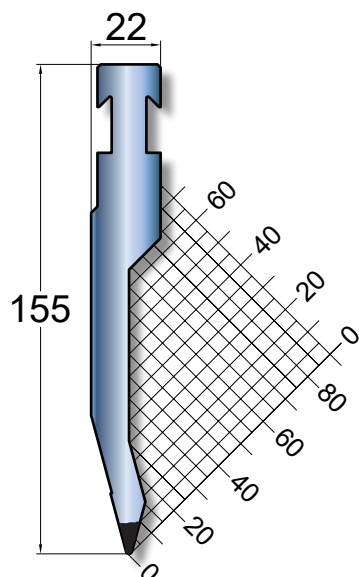
kN/m	α	Mt	R	H
1000	85°		1.0	155





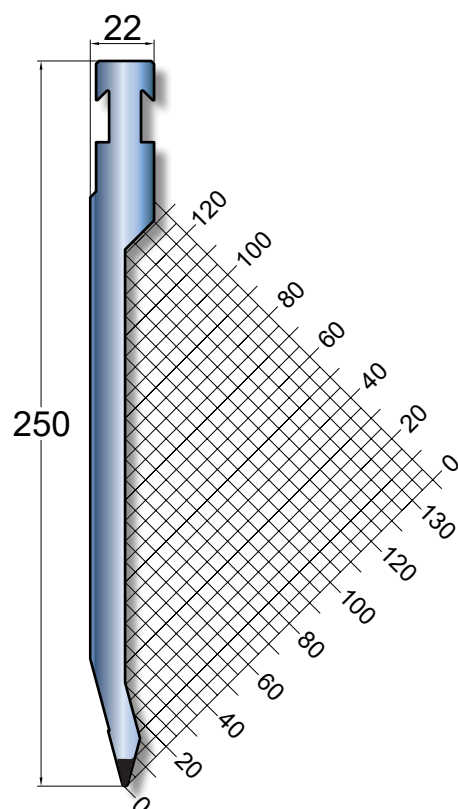
BE P5R

kN/m	α	Mt	R	H
1000	30°		1.0	155



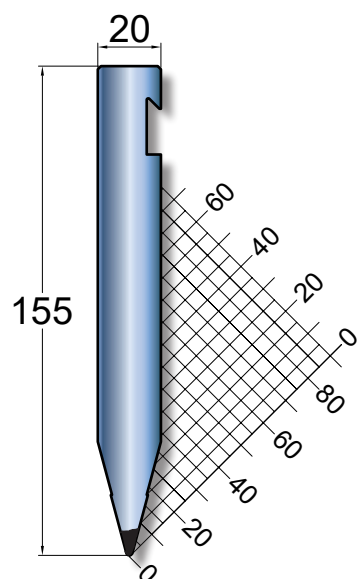
BE P5RF

kN/m	α	Mt	R	H
750	30°		1.0	250



BE P6R

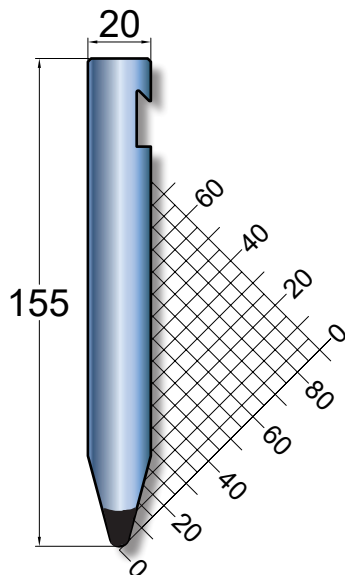
kN/m	α	Mt	R	H
1500	30°		1.0	155





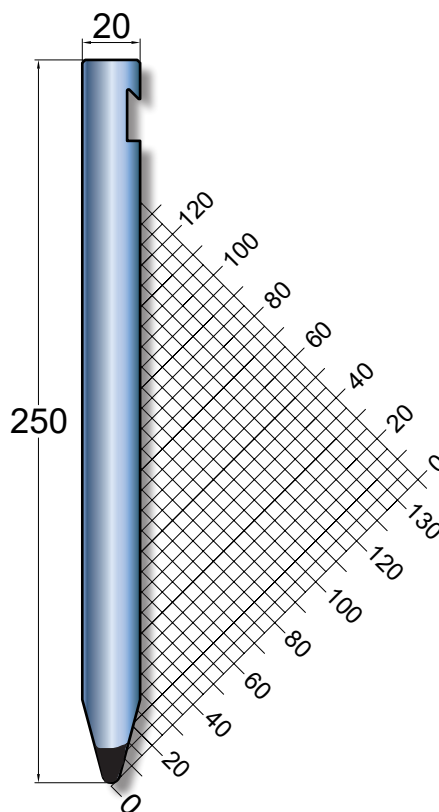
BE P7R

kN/m	α	Mt	R	H
1600	30°		3.0	155



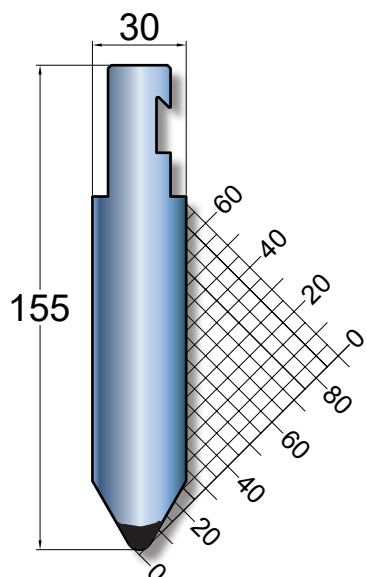
BE P7RF

kN/m	α	Mt	R	H
1600	30°		3.0	250



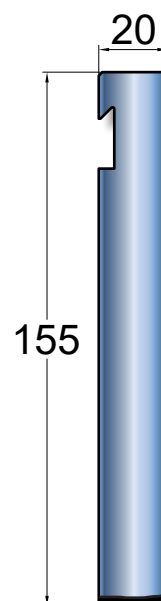
BE P9R

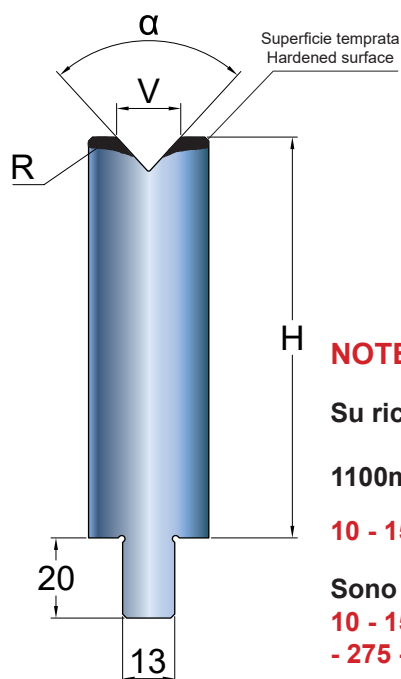
kN/m	α	Mt	R	H
1600	60°		4.0	155



BE P11R

kN/m	α	Mt	R	H
1600	-		-	155





NOTE

Su richiesta, disponibile la frazionatura 1100mm FSL:

1100mm FSL sectioning available on request:

10 - 15 - 20 - 30 - 50 - 100 - 200 - 300 - 375

Sono su richiesta disponibili le lunghezze

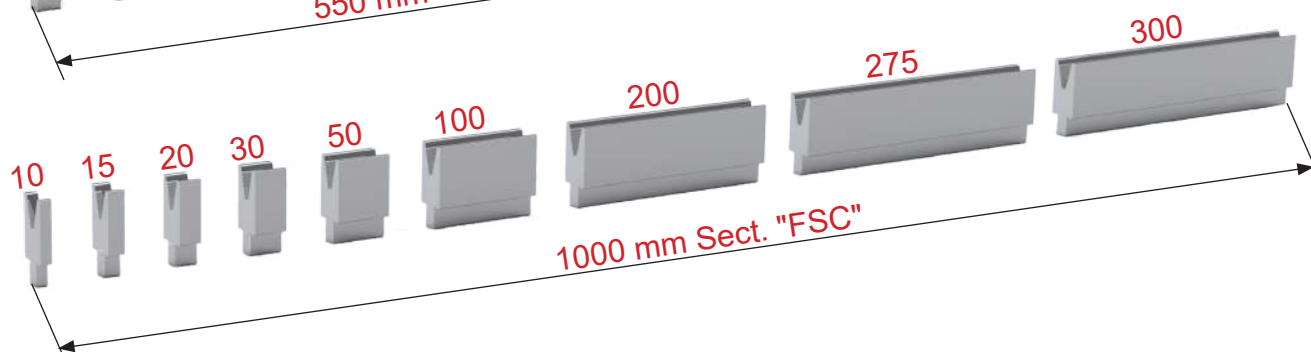
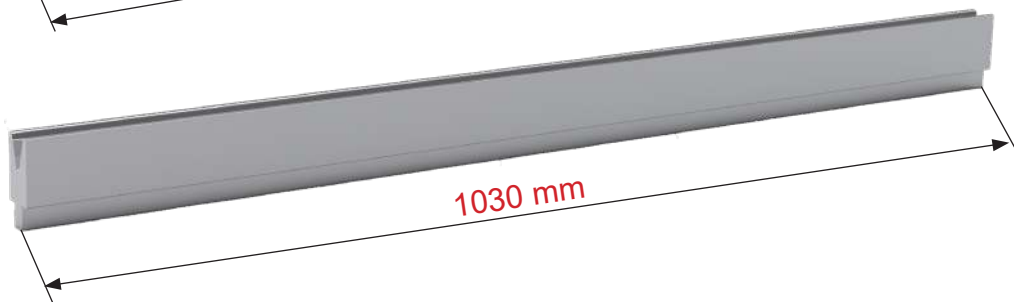
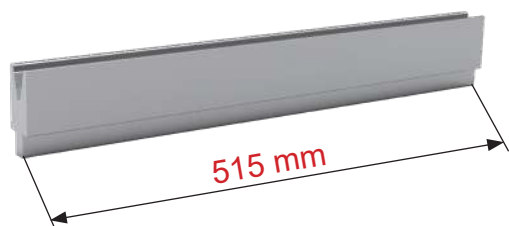
10 - 15 - 20 - 25 - 30 - 35 - 40 - 45 - 50 - 55 - 60 - 65 - 70 - 75 - 80 - 90 - 95 - 100 - 200 - 275 - 300

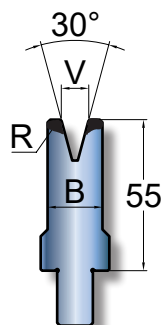
On request are available these lengths

10 - 15 - 20 - 25 - 30 - 35 - 40 - 45 - 50 - 55 - 60 - 65 - 70 - 75 - 80 - 90 - 95 - 100 - 200 - 275 - 300

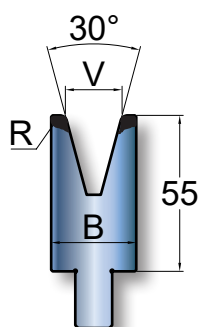
Attacco Standard
Standard clamp

Lunghezze standard - Standard lengths

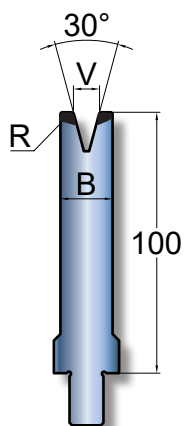


**30° H=55**

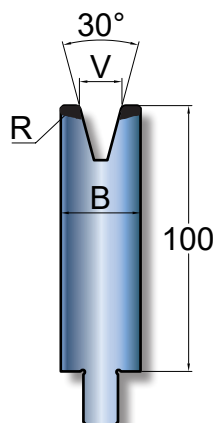
Code	V	R	B	kN/m	Mt
BE M6	6	0.75	20	800	■
BE M8	8	1.00	20	1000	■
BE M10	10	1.00	20	700	■

30° H=55

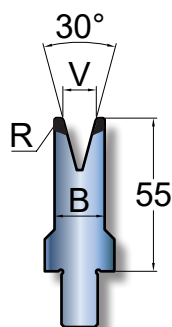
Code	V	R	B	kN/m	Mt
BE M12	12	1.50	25	850	■
BE M16	16	2.00	30	1000	■
BE M20	20	2.50	30	600	■
BE M24	24	3.00	40	1100	■
BE M32	32	4.00	48	1100	■

30° H=100

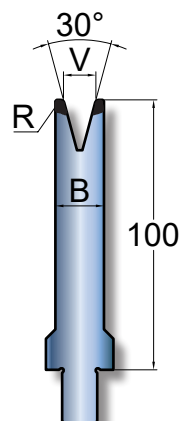
Code	V	R	B	kN/m	Mt
BE M630H100	6	0.75	20	800	■
BE M830H100	8	1.00	20	1000	■
BE M1030H100	10	1.00	20	700	■

30° H=100

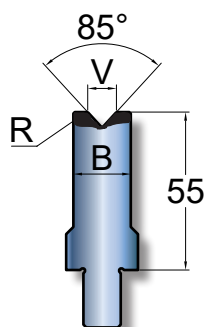
Code	V	R	B	kN/m	Mt
BE M1230H100	12	1.50	25	900	■
BE M1630H100	16	2.00	30	1000	■
BE M2030H100	20	2.50	30	600	■
BE M2430H100	24	3.00	40	1100	■
BE M3230H100	32	4.00	48	1100	■

**30° H=55 "S"**

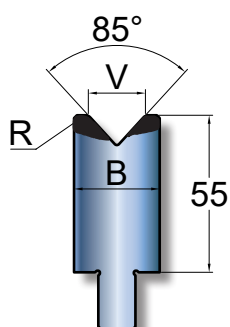
Code	V	R	B	kN/m	Mt
BE M6S	6	0.75	12	400	■
BE M8S	8	1.00	14	400	■
BE M10S	10	1.00	16	350	■
BE M12S	12	1.50	18	350	■
BE M16S	16	2.00	24	500	■

30° H=100 "S"

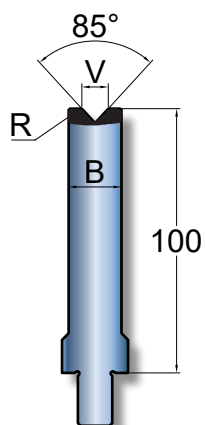
Code	V	R	B	kN/m	Mt
BE M6S30H100	6	0.75	12	400	■
BE M8S30H100	8	1.00	14	400	■
BE M10S30H100	10	1.00	16	400	■
BE M12S30H100	12	1.50	18	350	■
BE M16S30H100	16	2.00	24	500	■

85° H=55

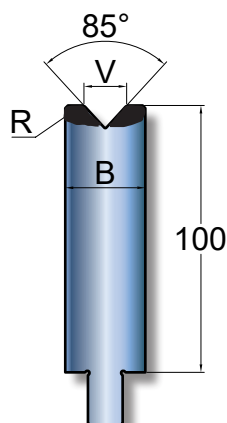
Code	V	R	B	kN/m	Mt
BE M685	6	0.75	20	800	■
BE M885	8	0.75	20	850	■
BE M1085	10	1.00	20	800	■

85° H=55

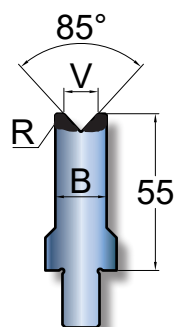
Code	V	R	B	kN/m	Mt
BE M1285	12	1.50	25	900	■
BE M1685	16	2.00	30	1200	■
BE M2085	20	2.50	30	1400	■
BE M2485	24	3.00	40	1700	■
BE M3285	32	4.00	48	2500	■

**85° H=100**

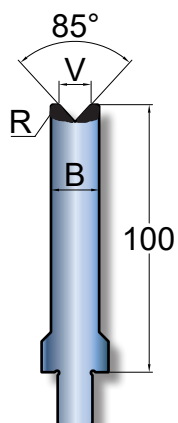
Code	V	R	B	kN/m	Mt
BE M685H100	6	0.75	20	800	■
BE M885H100	8	0.75	20	850	■
BE M1085H100	10	1.00	20	800	■

85° H=100

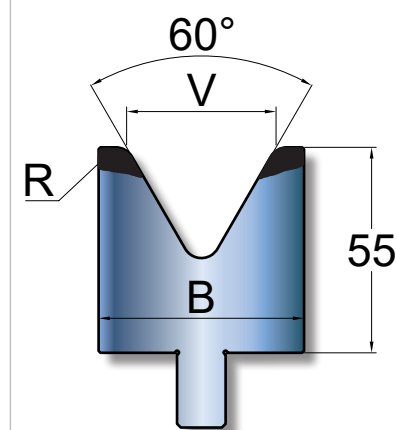
Code	V	R	B	kN/m	Mt
BE M1285H100	12	1.50	25	900	■
BE M1685H100	16	2.00	30	1200	■
BE M2085H100	20	2.50	30	1400	■
BE M2485H100	24	3.00	40	1700	■
BE M3285H100	32	4.00	48	2500	■

85° H=55 "S"

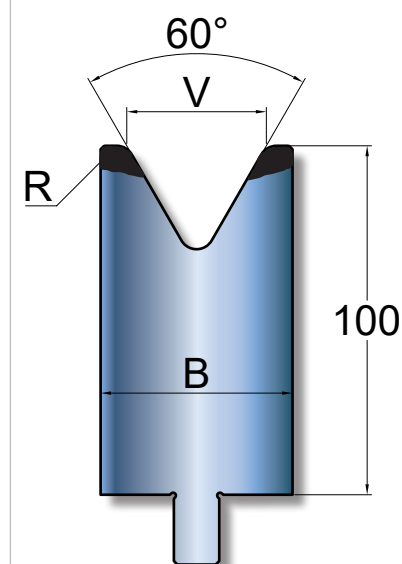
Code	V	R	B	kN/m	Mt
BE M6S85	6	0.75	12	800	■
BE M8S85	8	0.75	14	800	■
BE M10S85	10	1.00	16	700	■
BE M12S85	12	1.50	18	900	■
BE M16S85	16	2.00	24	1000	■

85° H=100 "S"

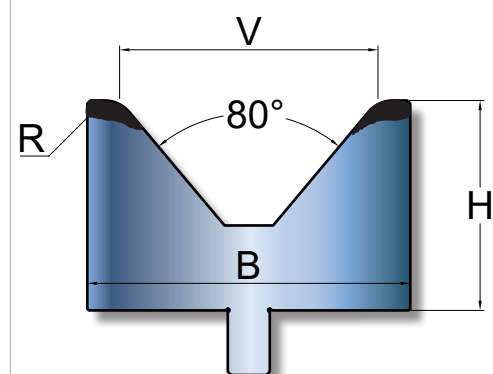
Code	V	R	B	kN/m	Mt
BE M6S85H100	6	0.75	12	800	■
BE M8S85H100	8	0.75	14	800	■
BE M10S85H100	10	1.00	16	700	■
BE M12S85H100	12	1.50	18	900	■
BE M16S85H100	16	2.00	24	1000	■

**60° H=55**

Code	V	R	H	B	kN/m	Mt
BE M4060	40	5.00	55	55	1800	■
BE M5060	50	5.00	55	70	1800	■
BE M6060	60	7.00	65	80	1600	■

60° H=100

Code	V	R	B	kN/m	Mt
BE M4060H100	40	5.00	55	2000	■
BE M5060H100	50	5.00	70	2000	■
BE M6060H100	60	7.00	80	1600	■

80°

Code	V	R	H	B	kN/m	Mt
BE M8080H65	80	10.00	65	100	1600	■
BE M10080H85	100	12.00	85	125	2000	■
BE M12080H105	120	15.00	105	160	2400	■



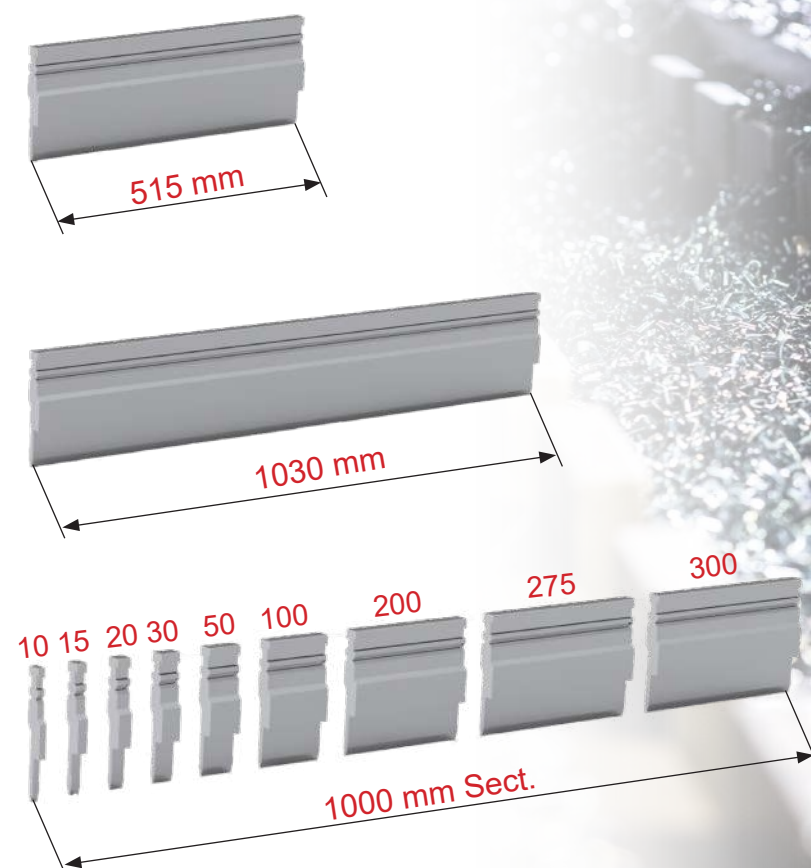
kN/m	α	R	Mt	CODE	B
1000	30°	1.0	■	BE P90006RFA	6
				BE P90008RFA	8
				BE P90010RFA	10
				BE P90012RFA	12

Disponibile anche con attacco tipo "R"

Available also with "R" clamp

H=250 mm optional

kN/m	Mt	CODE	R	V
250	■	BE M90006	0.8	6
		BE M90008	0.8	8
		BE M90010	1.0	10
		BE M90012	1.2	12




Lunghezze Standard - Standard Lengths

100 mm



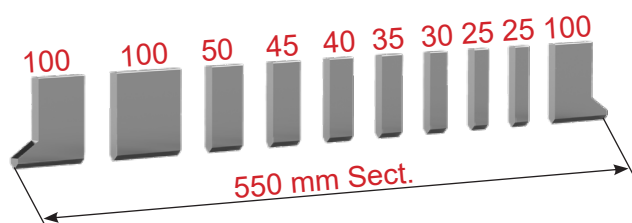
200 mm



300 mm



500 mm


BE PTS70

kN/m

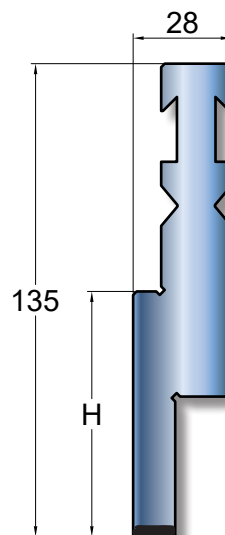
1000

Mt

■

H

70


BE PTS95

kN/m

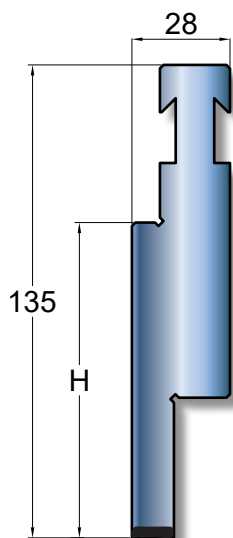
1000

Mt

■

H

95


Blades for BE PTS70 - BE PTS95

kN/m

1000

CODE

 α

R

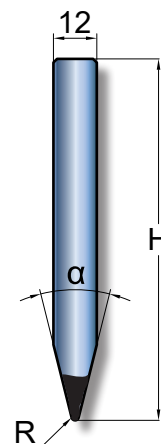
H

Mt

TR 776	86°	1.0	100	■
TR 774	84°	1.0	100	■
TR 769	28°	6.0	100	■
TR 768	28°	5.0	100	■
TR 767	28°	4.0	100	■
TR 766	28°	3.0	100	■
TR 765	28°	2.0	100	■
TR 763	28°	1.0	100	■
TR 761	28°	0.5	100	■

Lunghezze disponibili
Lengths available

100 mm
200 mm
300 mm
500 mm
550 mm Sect.

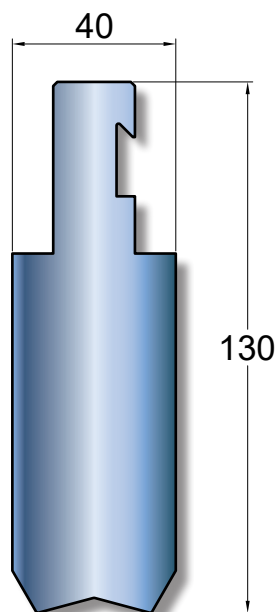
Scarpette incluse
Horns included




BE P10R

kN/m **Mt**
1600 ■

H
130

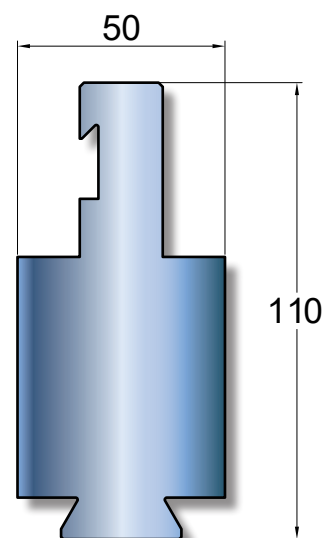


Lunghezze disponibili
Lengths available
515 mm
1030 mm

BE P12R

kN/m **Mt**
1600 ■

H
110



Lunghezze disponibili
Lengths available
515 mm
550 mm Sect.
1000 mm Sect.

Rounds for BE P10R

kN/m **Mt**
1600 ■
■

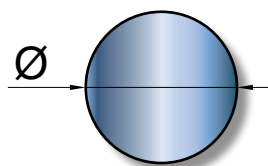
Lunghezze disponibili
Lengths available
515 mm
1030 mm

CODE	Φ
BE PBD28	28
BE PBD30	30
BE PBD35	35
BE PBD40	40
BE PBD45	45
BE PBD50	50
BE PBD55	55
BE PBD60	60
BE PBD65	65
BE PBD70	70
BE PBD80	80

NOTE

Il codice per ordinare il modello 42CrMo4 contiene una "H" (es: BE PBD28H).

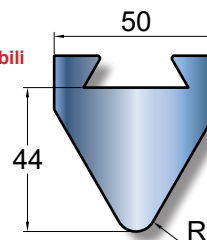
The code for the version 42CrMo4 contains an "H" (ex: BE PBD28H).



Rounds for BE P12R

kN/m **Mt**
4000 ■
■

Lunghezze disponibili
Lengths available
515 mm
550 mm Sect.
1000 mm Sect.



NOTE

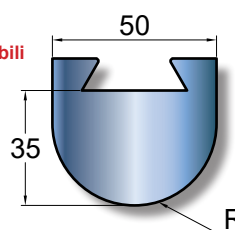
Il codice per ordinare il modello 42CrMo4 contiene una "H" (es: BE P12R5H).

The code for the version 42CrMo4 contains an "H" (ex: BE P12R5H).

CODE	R
BE P12R5	5
BE P12R6	6
BE P12R8	8
BE P12R10	10
BE P12R12	12
BE P12R15	15
BE P12R20	20

kN/m **Mt**
4000 ■
■

Lunghezze disponibili
Lengths available
515 mm
550 mm Sect.
1000 mm Sect.



NOTE

Il codice per ordinare il modello 42CrMo4 contiene una "H" (es: BE P12R25H).

The code for the version 42CrMo4 contains an "H" (ex: BE P12R25H).

CODE	R
BE P12R25	25
BE P12R30	30
BE P12R35	35

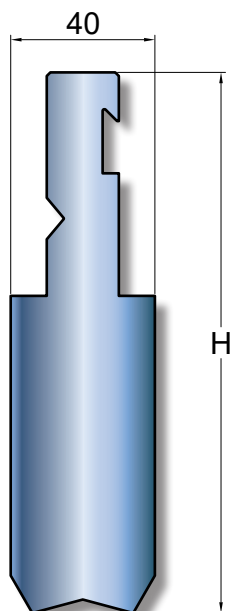
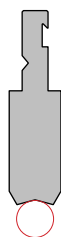


BE P10RFA / P10RFA250

kN/m 1600
Mt ■

CODE
BE P10RFA 150
BE P10RFA250 250

H

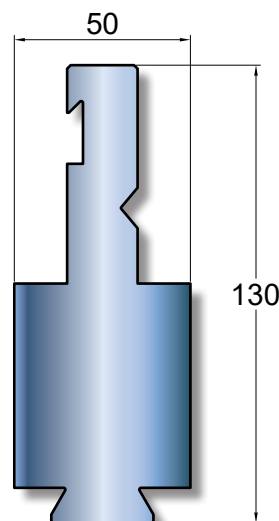


Lunghezze disponibili
Lengths available
515 mm
1030 mm

BE P12RFA

kN/m 1600
Mt ■

H 130



Lunghezze disponibili
Lengths available
515 mm
550 mm Sect.
1000 mm Sect.

Rounds for BE P10RFA

kN/m 1600
Mt ■
■

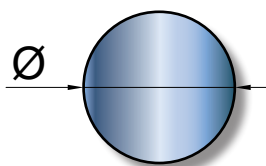
CODE	Φ
BE PBD28	28
BE PBD30	30
BE PBD35	35
BE PBD40	40
BE PBD45	45
BE PBD50	50
BE PBD55	55
BE PBD60	60
BE PBD65	65
BE PBD70	70
BE PBD80	80

Lunghezze disponibili
Lengths available
515 mm
1030 mm

NOTE

Il codice per ordinare il modello 42CrMo4 contiene una "H" (es: BE PBD28H).

The code for the version 42CrMo4 contains an "H" (ex: BE PBD28H).

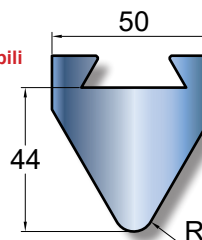


Rounds for BE P12RFA

kN/m 4000
Mt ■
■

CODE	R
BE P12R5	5
BE P12R6	6
BE P12R8	8
BE P12R10	10
BE P12R12	12
BE P12R15	15
BE P12R20	20

Lunghezze disponibili
Lengths available
515 mm
550 mm Sect.
1000 mm Sect.



NOTE

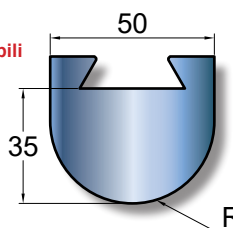
Il codice per ordinare il modello 42CrMo4 contiene una "H" (es: BE P12R5H).

The code for the version 42CrMo4 contains an "H" (ex: BE P12R5H).

kN/m 4000
Mt ■
■

CODE	R
BE P12R25	25
BE P12R30	30
BE P12R35	35

Lunghezze disponibili
Lengths available
515 mm
550 mm Sect.
1000 mm Sect.



NOTE

Il codice per ordinare il modello 42CrMo4 contiene una "H" (es: BE P12R25H).

The code for the version 42CrMo4 contains an "H" (ex: BE P12R25H).



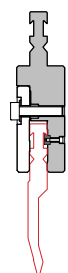
BE P30

kN/m **Mt**
2000 ■

CODE	H1	H2
BE P30RFA	125	184
BE P30RFA250	250	309

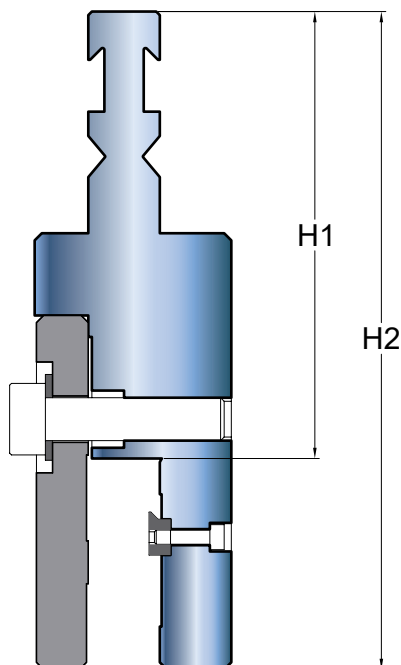
Also available whit "R" clamp

CODE	H1	H2
BE P30R	100	139



**PROLUNGA
EXTENSION**

Lunghezza
Length
150 mm



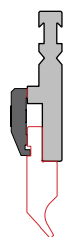
BE P25

kN/m **Mt**
2000 ■

CODE	H
BE P25RFA	130
BE P25RFA250	250

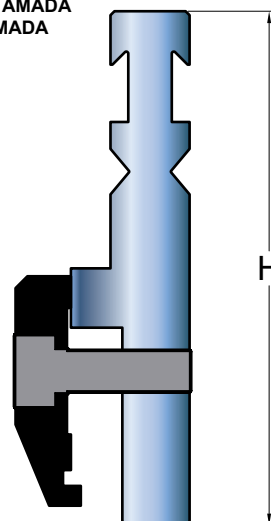
Also available whit "R" clamp

CODE	H
BE P25R	105



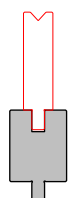
**Adattatore BYSTRONIC - AMADA
Adapter BYSTRONIC - AMADA**

Lunghezza
Length
150 mm



kN/m **Mt**
2000 ■

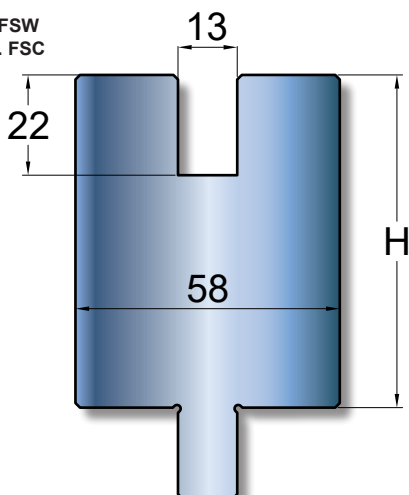
CODE	H
BE S245	45
BE S273	73
BE S2100	100



**PORTA MATRICE
DIE HOLDER**

Lunghezza
Length
515 mm
550 mm Sect. FSW
1000 mm Sect. FSC
1030 mm

Length ref.
Pag. 81



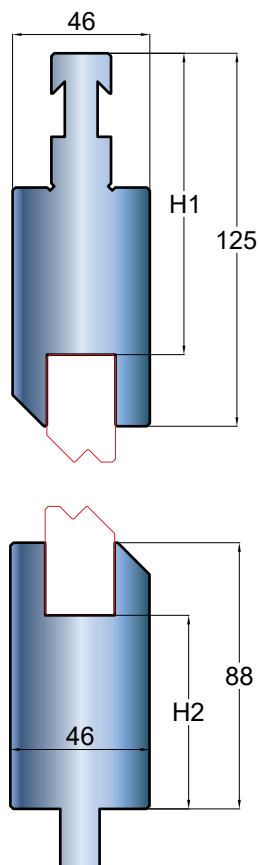


BE Z101R

kN/m **Mt**
1000 ■

H1 **H2**
101.0 64.0

Lunghezze disponibili
Lengths available
415 mm
835 mm

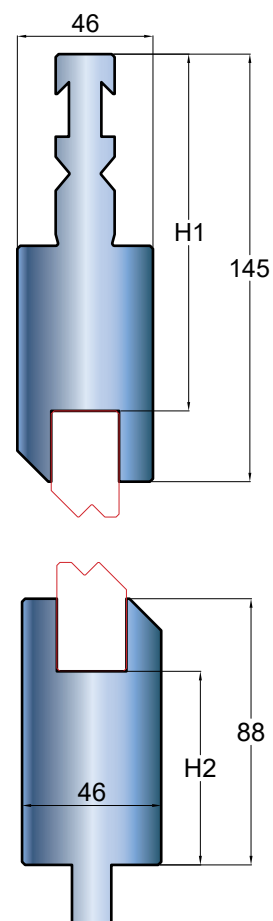


BE Z121RFA

kN/m **Mt**
1000 ■

H1 **H2**
121.0 64.0

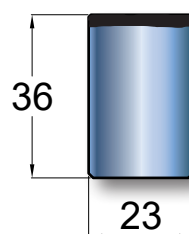
Lunghezze disponibili
Lengths available
415 mm
835 mm





Inserts for BE Z101R - BE Z121RFA

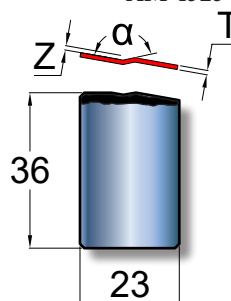
kN/m	Mt	CODE
1000		AM 4500



Lunghezze disponibili
Lengths available

415 mm
835 mm

kN/m	Mt	CODE	Z	α	R	T
1000		AM 4510	1.0	160°	0.5	1.0
		AM 4515	1.5	160°	0.5	1.2
		AM 4520	2.0	150°	0.5	1.5
		AM 4525	2.5	140°	0.5	1.5



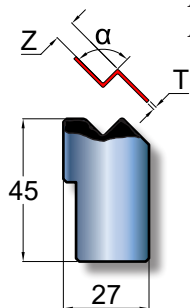
Lunghezze disponibili
Lengths available

415 mm
835 mm

T = Max Spessore
T = Max Thickness

Inserts for BE Z101R - BE Z121RFA

kN/m	Mt	CODE	Z	α	R	T
1000		AM 4585	8.5	90°	0.8	2.0
		AM 4590	9.0	90°	0.8	2.0
		AM 4610	10.0	90°	0.8	2.0
		AM 4611	11.0	90°	1.0	2.0
		AM 4612	12.0	90°	1.0	2.0

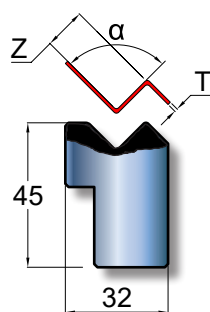


Lunghezze disponibili
Lengths available

415 mm
835 mm

T = Max Spessore
T = Max Thickness

kN/m	Mt	CODE	Z	α	R	T
1000		AM 4613	13.0	90°	1.0	2.5
		AM 4614	14.0	90°	1.0	2.5
		AM 4615	15.0	90°	1.0	3.0



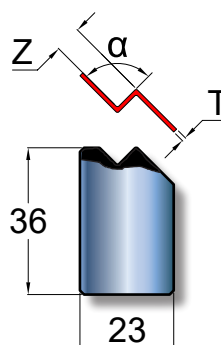
Lunghezze disponibili
Lengths available

415 mm
835 mm

T = Max Spessore
T = Max Thickness

Inserts for BE Z101R - BE Z121RFA

kN/m	Mt	CODE	Z	α	R	T
1000		AM 4511	1.0	90°	0.3	0.5
		AM 4516	1.5	90°	0.3	0.5
		AM 4521	2.0	90°	0.5	0.8
		AM 4526	2.5	90°	0.5	1.0
		AM 4530	3.0	90°	0.5	1.0
		AM 4535	3.5	90°	0.5	1.2
		AM 4540	4.0	90°	0.5	1.2
		AM 4545	4.5	90°	0.5	1.5
		AM 4550	5.0	90°	0.5	1.5
		AM 4555	5.5	90°	0.5	1.5
		AM 4560	6.0	90°	0.5	1.5
		AM 4565	6.5	90°	0.5	1.5
		AM 4570	7.0	90°	0.5	1.5
		AM 4575	7.5	90°	0.5	1.6
		AM 4580	8.0	90°	0.5	1.6



Lunghezze disponibili
Lengths available

415 mm
835 mm

T = Max Spessore
T = Max Thickness



LEGENDA LEGEND

L=Max lunghezza stampi
L=Max length tools

N=N° Max stampi
N=N° Max tools

W=Peso
W=Weight

Altri colori su richiesta

Other colours on request



TR 4652

L	N	W
1100 mm	55	450 Kg



TR 4653

L	N	W
1100 mm	30	300 Kg



Questi modelli di armadi portautensili sono compatibili anche con le linee tipo:

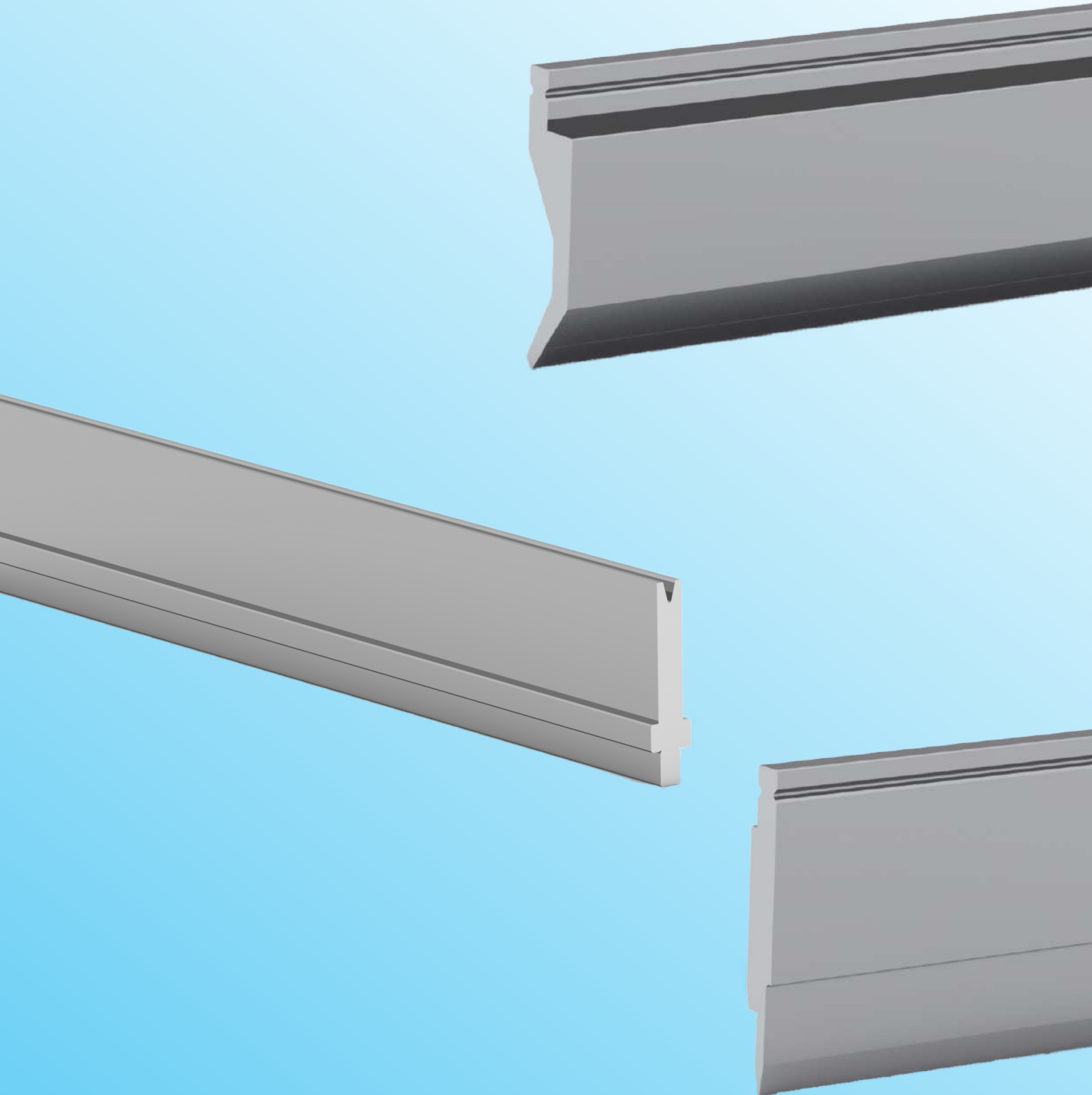
TRUMPF - LVD - WILA

These tools cabinets are compatible also with lines:

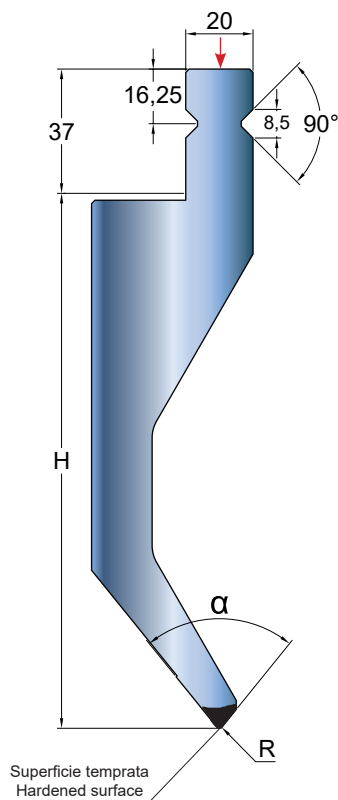
TRUMPF - LVD - WILA



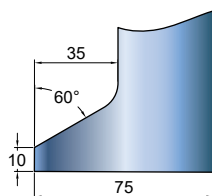
LVD STYLE



Attacco Standard Standard clamp



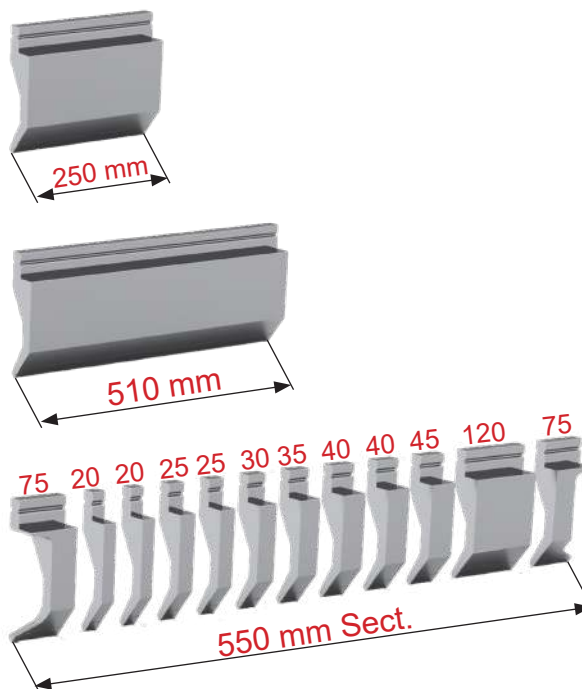
Scarpetta Standard Standard Horn



Il carico massimo delle scarpette corrisponde al 50% del carico massimo indicato sul punzone.

The horns' max load is 50% of the max load of the punch.

Lunghezze Standard - Standard Lengths



Sistema di Bloccaggio - Clamping Type

WEIGHT
>12,5 Kg



>12,5 Kg

WEIGHT
≤12,5 Kg



≤12,5 Kg

Bloccaggio mediante **spine** per montaggio e smontaggio laterale degli utensili

Clamping with **pins** for side installation and disinstallation of the tools

Bloccaggio mediante **safety click** per montaggio e smontaggio verticale degli utensili

Clamping with **safety click** for front installation and disinstallation of the tools

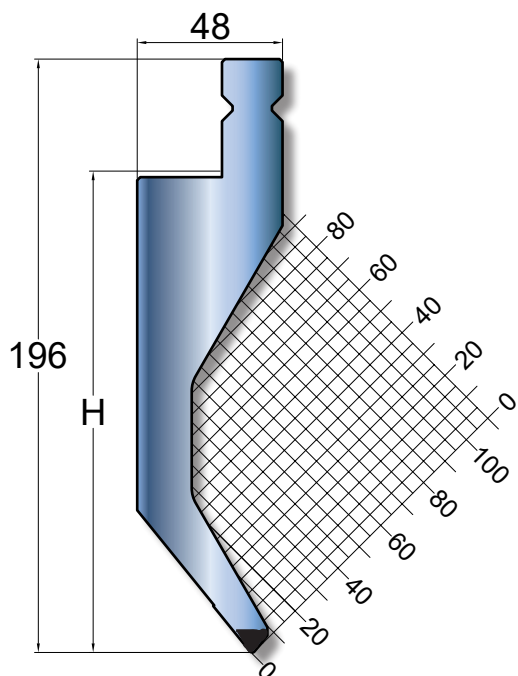
NOTE

In entrambi i casi componenti disponibili
In both cases, spare parts available



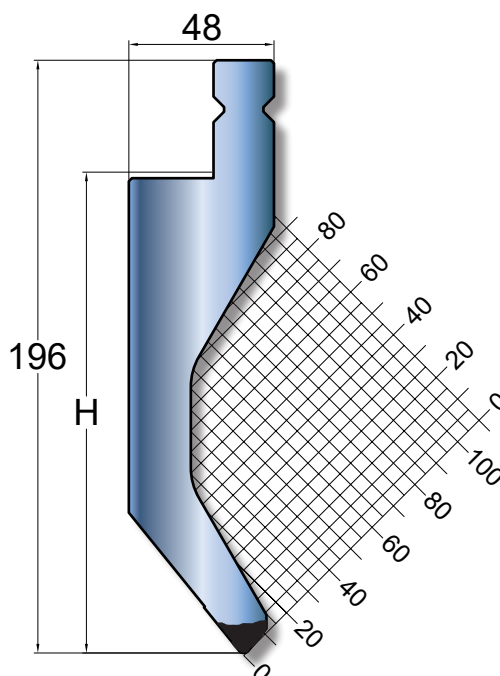
LVDTP00001

kN/m	α	Mt	R	H
400	78°	■	1.00	159



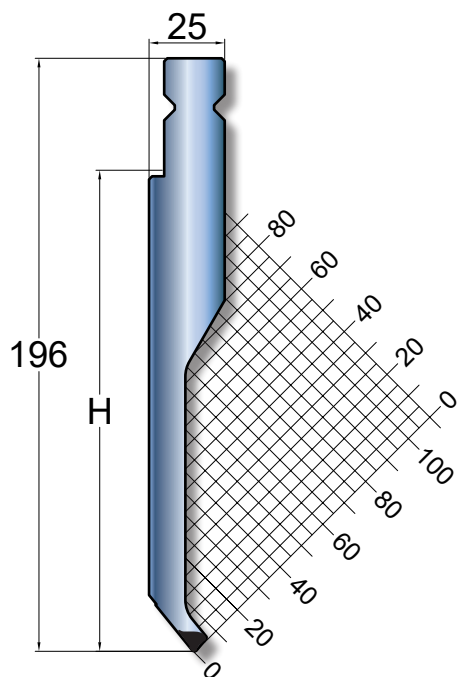
LVDTP00003

kN/m	α	Mt	R	H
750	78°	■	2.00	159



LVDTP00005

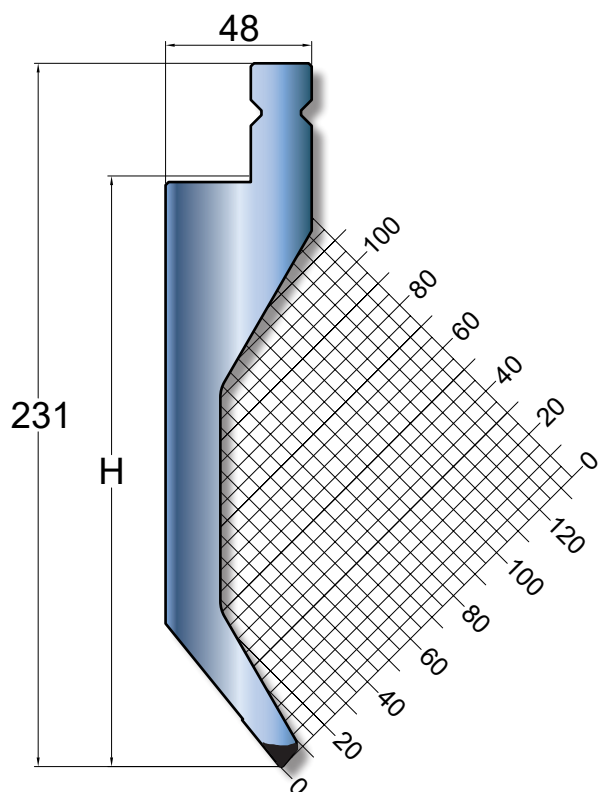
kN/m	α	Mt	R	H
400	78°	■	1.00	159





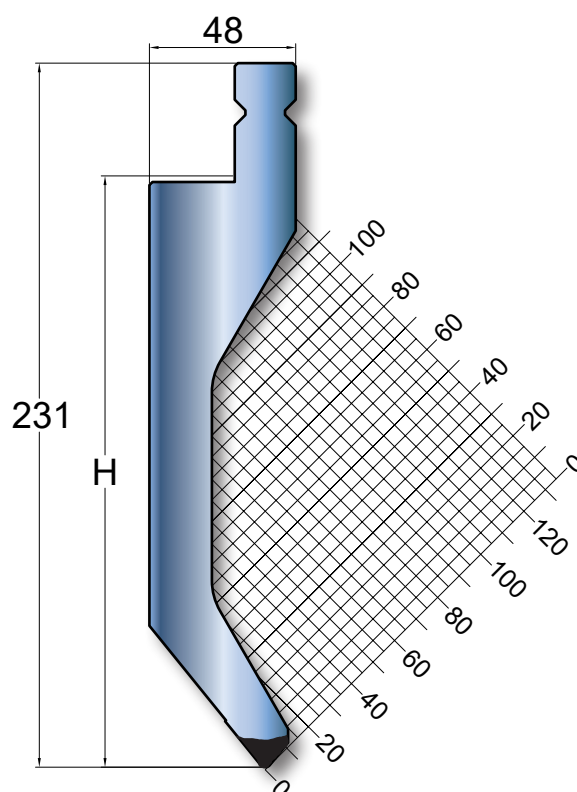
LVDTP00002

kN/m	α	Mt	R	H
400	78°	■	1.00	194



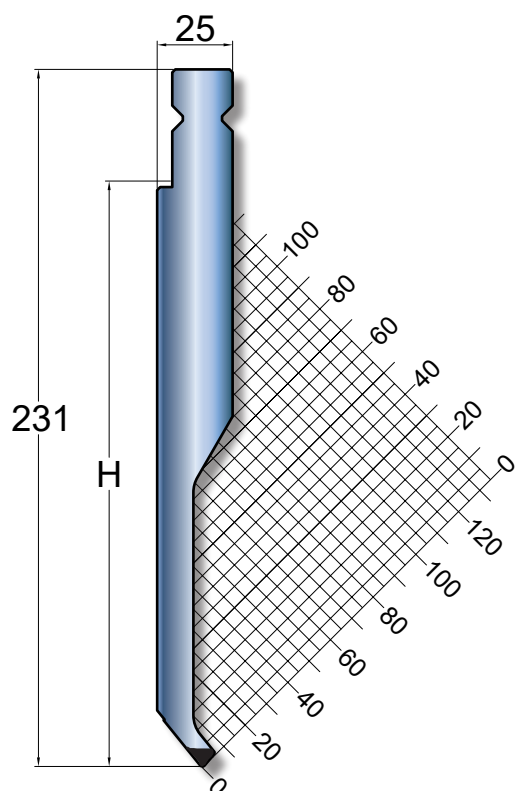
LVDTP00004

kN/m	α	Mt	R	H
750	78°	■	2.00	194



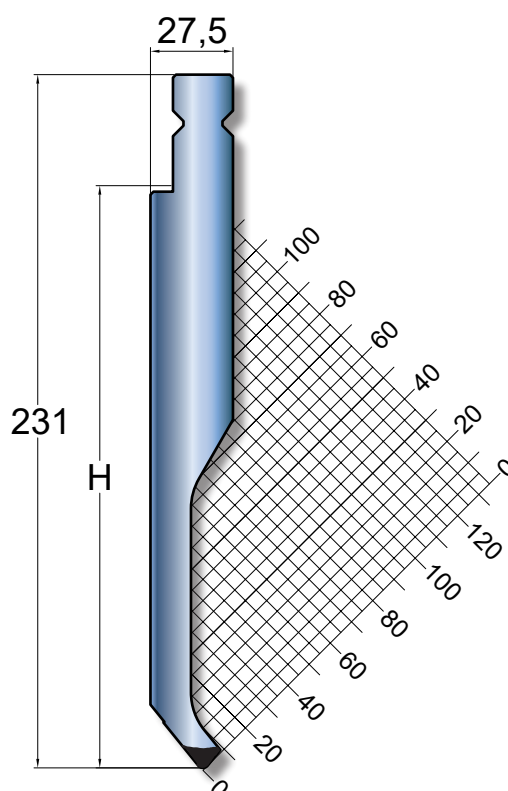
LVDTP00006

kN/m	α	Mt	R	H
400	78°	■	1.00	194



LVDTP00008

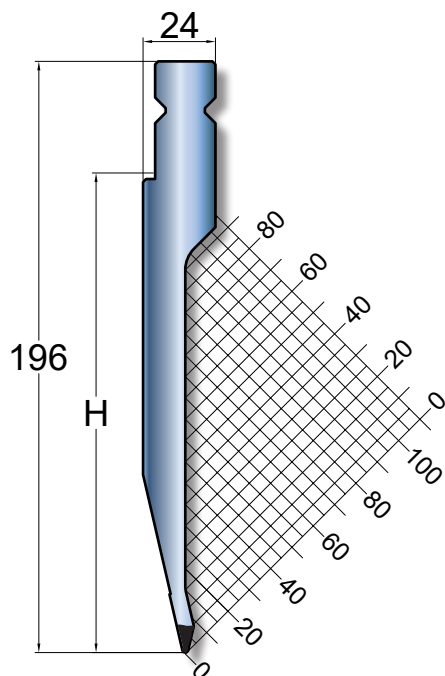
kN/m	α	Mt	R	H
680	78°	■	2.00	194





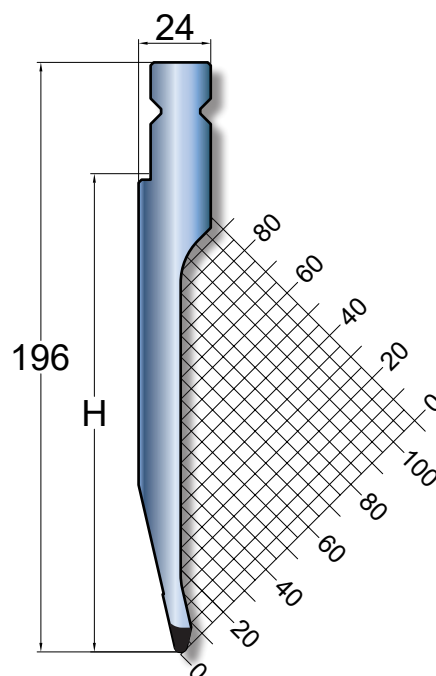
LVDTP00009

kN/m	α	Mt	R	H
400	26°	■	1.00	159



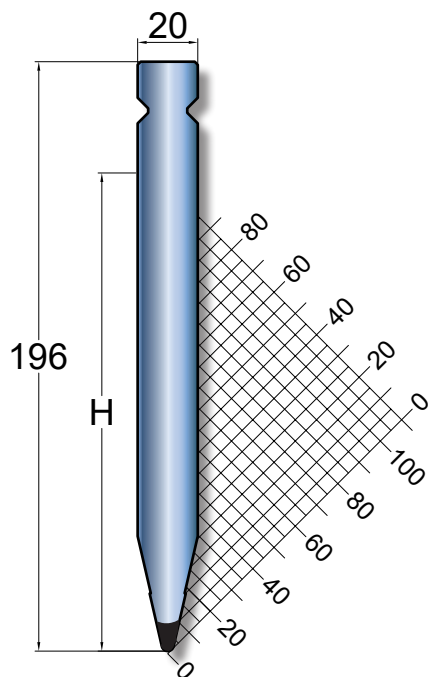
LVDTP00011

kN/m	α	Mt	R	H
600	26°	■	2.00	159



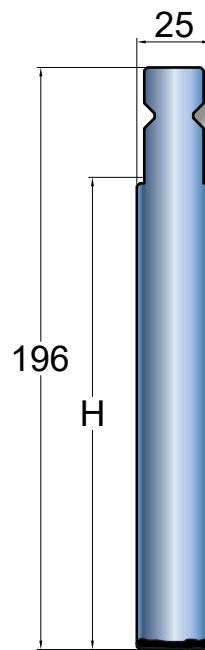
LVDTP00013

kN/m	α	Mt	R	H
800	26°	■	2.00	159.00



LVDTP00015

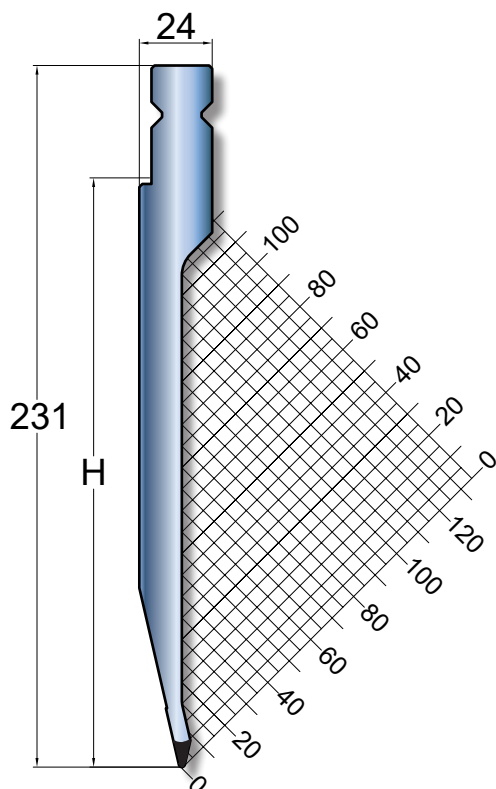
kN/m	α	Mt	R	H
2000	-	■	-	159





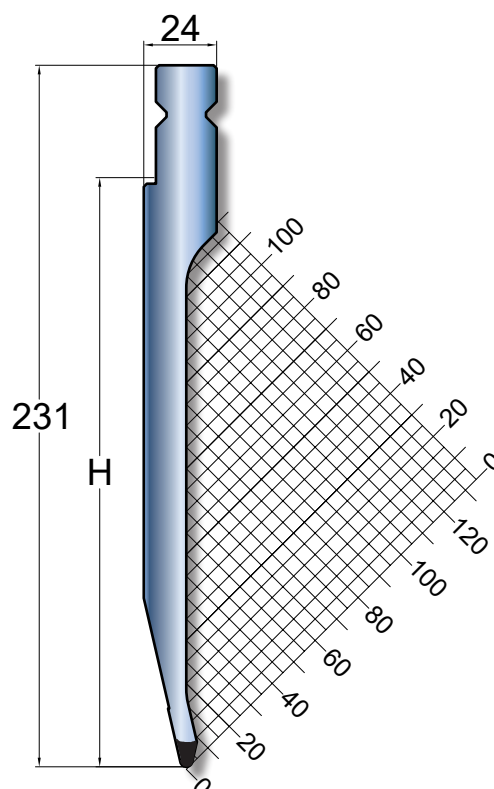
LVDTP00010

kN/m	α	Mt	R	H
400	26°	■	1.00	194



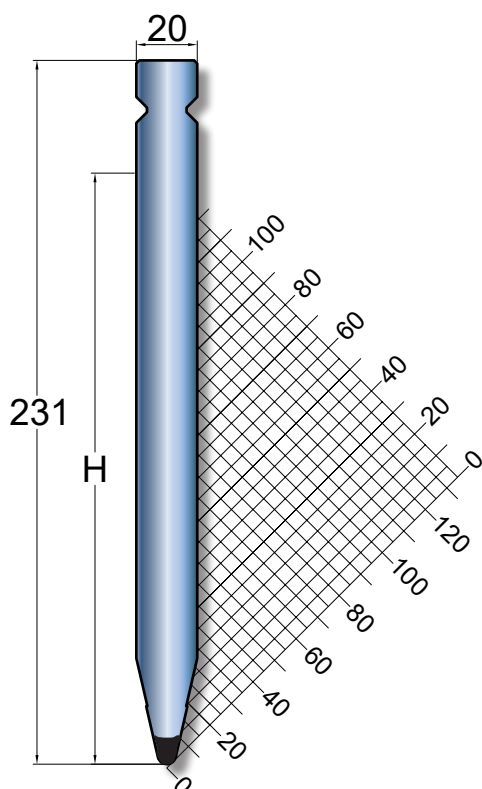
LVDTP00052

kN/m	α	Mt	R	H
600	26°	■	2.00	194



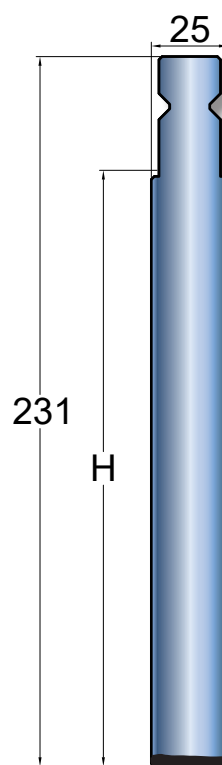
LVDTP00014

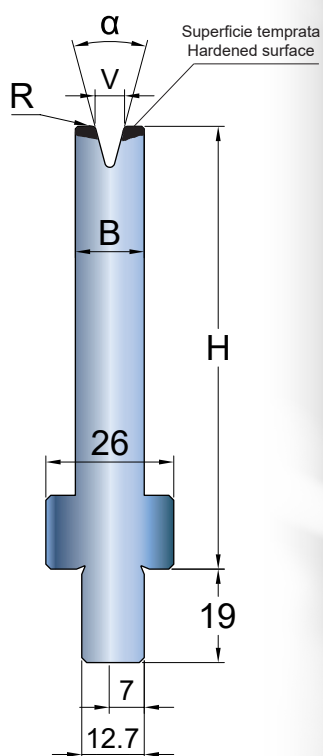
kN/m	α	Mt	R	H
1200	26°	■	3.00	194



LVDTP00016

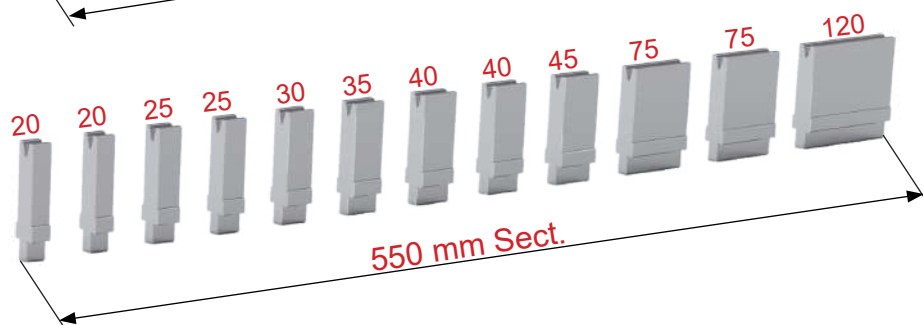
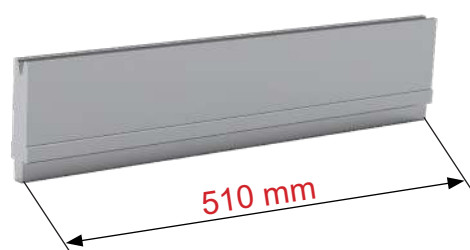
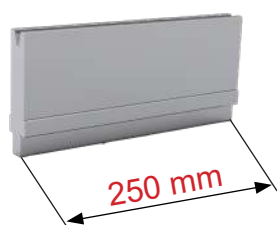
kN/m	α	Mt	R	H
2000	-	■	-	194

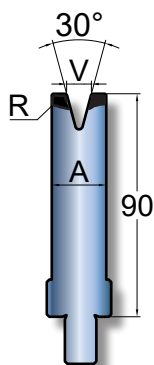




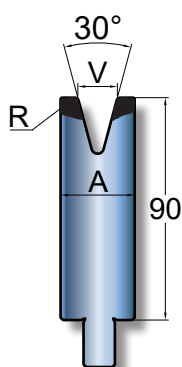
Attacco Standard
Standard clamp

Lunghezze Standard - Standard Lengths

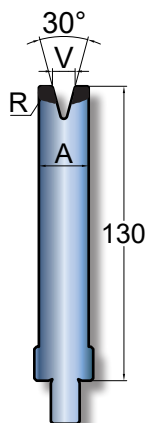


**30° H=90**

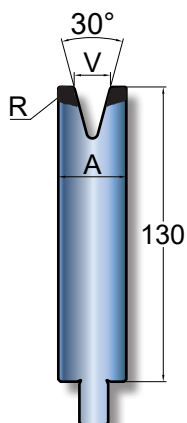
Code	V	R	A	kN/m	Mt
LVDTP00077	6	0.8	14	250	■
LVDTP00081	8	0.8	16	260	■
LVDTP00085	10	1.0	22	360	■

30° H=90

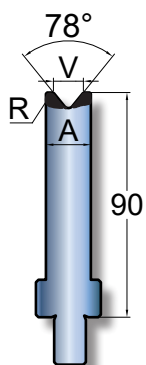
Code	V	R	A	kN/m	Mt
LVDTP00089	12	1.2	26	460	■
LVDTP00097	16	1.6	30	510	■
LVDTP00105	20	2.0	40	680	■
LVDTP00109	24	2.4	46	930	■
LVDTP00113	30	3.0	56	1100	■
LVDTP00125	40	4.0	75	1400	■
LVDTP00131	50	4.0	90	1350	■

30° H=130

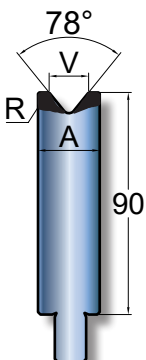
Code	V	R	A	kN/m	Mt
LVDTP00078	6	0.8	14	250	■
LVDTP00082	8	0.8	16	260	■
LVDTP00086	10	1.0	22	360	■

30° H=130

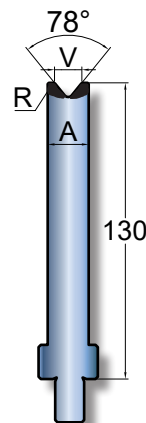
Code	V	R	A	kN/m	Mt
LVDTP00090	12	1.2	26	460	■
LVDTP00098	16	1.6	30	510	■
LVDTP00106	20	2.0	40	680	■
LVDTP00110	24	2.4	46	930	■
LVDTP00114	30	3.0	56	1100	■
LVDTP00126	40	4.0	75	1400	■
LVDTP00132	50	4.0	90	1700	■
LVDTP00137	60	5.0	95	1550	■

**78° H=90**

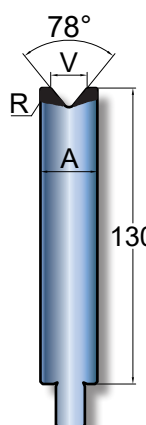
Code	V	R	A	kN/m	Mt
LVDTP00079	6	0.8	10	280	■
LVDTP00083	8	0.8	12	320	■
LVDTP00087	10	1.0	14	360	■
LVDTP00091	12	1.2	18	500	■

78° H=90

Code	V	R	A	kN/m	Mt
LVDTP00099	16	1.6	25	700	■
LVDTP00107	20	2.0	30	750	■
LVDTP00111	24	2.4	32	910	■
LVDTP00117	30	3.0	40	1150	■
LVDTP00129	40	4.0	50	1350	■
LVDTP00135	50	4.0	65	1800	■
LVDTP00140	60	5.0	75	2000	■
LVDTP00148	80	6.0	95	2300	■

78° H=130

Code	V	R	A	kN/m	Mt
LVDTP00080	6	0.8	10	280	■
LVDTP00084	8	0.8	12	320	■
LVDTP00088	10	1.0	14	360	■
LVDTP00092	12	1.2	18	500	■

78° H=130

Code	V	R	A	kN/m	Mt
LVDTP00100	16	1.6	25	700	■
LVDTP00108	20	2.0	30	750	■
LVDTP00112	24	2.4	32	910	■
LVDTP00118	30	3.0	40	1150	■
LVDTP00130	40	4.0	50	1350	■
LVDTP00136	50	4.0	65	1800	■
LVDTP00141	60	5.0	75	2000	■
LVDTP00149	80	6.0	95	2300	■
LVDTP00156	100	6.0	125	3400	■
LVDTP00158	120	8.0	140	2700	■



INSERTI IN NYLON CON CONTENITORE

VANTAGGI:

- Eliminano i segni di piegatura
- Ideali per la piega di alluminio, inox e lamiere preverniciate
- Cambio rapido e semplice.

NYLON INSERTS AND HOLDERS

ADVANTAGES

- They avoid marks during the bending
- Recommended for bending aluminium, stainless steel and painted surfaces.
- Fast and easy change.

Lunghezze disponibili

Lengths available: 415 mm - 835 mm



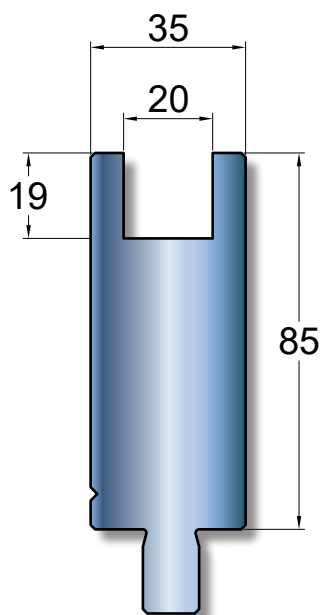
LVD2005

Mt



H

85



Inserts for LVD2005

kN/m

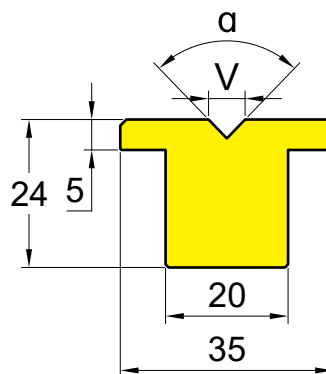
200

Code

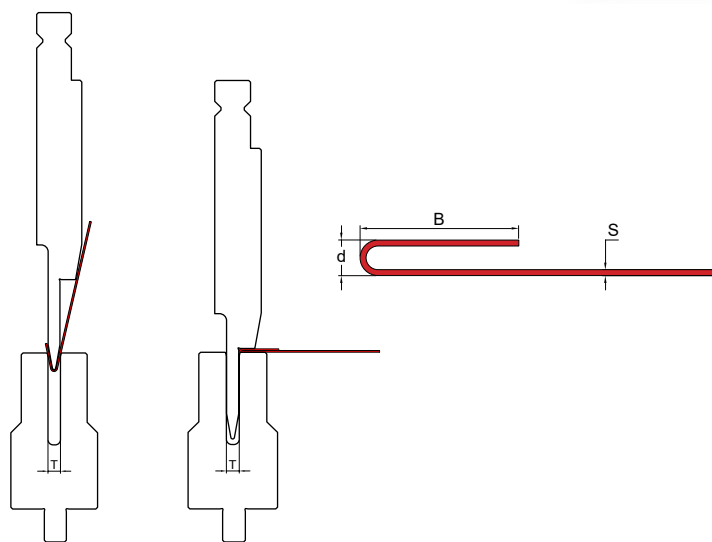
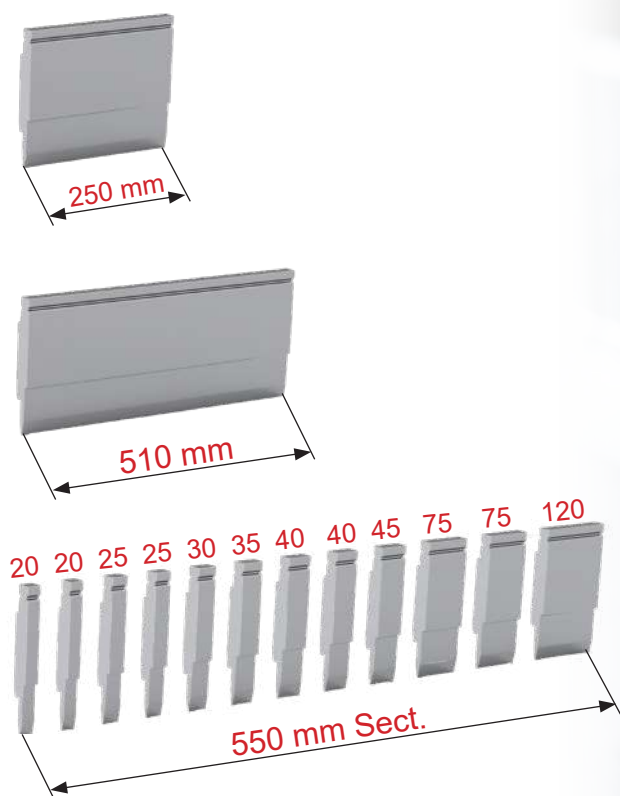
α

V

AMM 306	30°	6
AMM 308	30°	8
AMM 310	30°	10
AMM 406	45°	6
AMM 408	45°	8
AMM 410	45°	10
AMM 412	45°	12
AMM 606	60°	6
AMM 608	60°	8
AMM 610	60°	10
AMM 612	60°	12
AMM 616	60°	16



Lunghezze Standard - Standard Lengths



T [mm]	$\sigma = 450 \text{ N/mm}^2$		$\sigma = 600 \text{ N/mm}^2$	
	S [mm]	Bmin [mm]	S [mm]	Bmin [mm]
8	0.6	10.7	0.6	11.4
	0.8	10.2	0.8	10.5
	1.0	9.7	1.0	9.8
	1.2	9.2	-	-
10	1.0	14.0	1.0	14.4
	1.2	13.5	1.2	13.7
	1.5	13.0	-	-
12	1.2	15.5	1.2	16.0
	1.5	14.8	1.5	15.0
	2.0	14.0	-	-

$\sigma = 600 \text{ N/mm}^2$					
S [mm]	0.6	0.8	1.0	1.2	1.5
F [kN/m]	d [mm]				
200	2.2				
300	1.6	2.2	3.2	4.5	
400	1.2	1.9	2.8	4.1	5.5
500		1.6	2.4	3.6	4.7
600			2.1	3.2	4.3
700				2.9	3.9
800				2.6	3.6
900					3.4
1000					3.1

$\sigma = 450 \text{ N/mm}^2$						
S [mm]	0.6	0.8	1.0	1.2	1.5	2.0
F [kN/m]	d [mm]					
100	1.8	2.7	2.7			
200	1.3	2.2	2.2	3.2	4.6	6.4
300		1.7	1.7	2.8	4.1	5.8
400				2.5	3.5	5.3
500					3.2	4.8
600					3.0	4.4
700						4.2
800						4.0



kN/m	α	R	Mt
400	20°	1.0	■

Code	H1	H2
LVDTP00017	169	117

Code	H1	H2
LVDTP00020	214	162

kN/m	α	R	Mt
400	20°	1.0	■

Code	H1	H2
LVDTP00018	169	117

Code	H1	H2
LVDTP00021	214	162

kN/m	α	R	Mt
400	20°	1.0	■

Code	H1	H2
LVDTP00019	169	117

Code	H1	H2
LVDTP00022	214	162

kN/m	W	R	Mt
360	7.2	0.8	■

Code	H
LVDTP00189	90.0

Code	H
LVDTP00192	130.0

kN/m	W	R	Mt
300	9.2	1.0	■

Code	H
LVDTP00190	90.0

Code	H
LVDTP00193	130.0

kN/m	W	R	Mt
210	11.2	1.2	■

Code	H
LVDTP00191	90.0

Code	H
LVDTP00194	130.0



Lunghezze Standard - Standard Lengths

100 mm



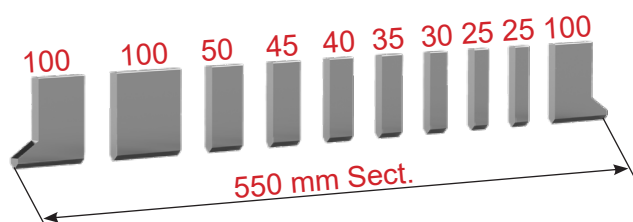
200 mm



300 mm



500 mm

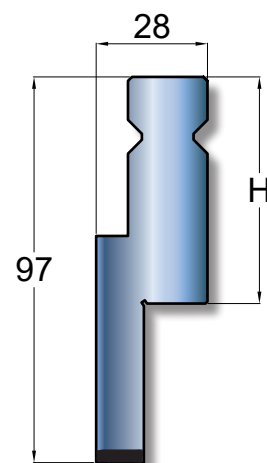


TR K57

kN/m Mt
1000

H
57

Lunghezze disponibili
Lengths available

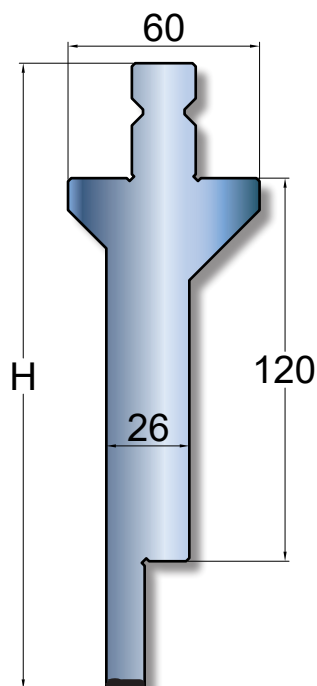
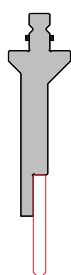
100 mm
200 mm
300 mm
500 mm
550 mm sect.


TR K120

kN/m Mt
1000

H
196.0

Lunghezze disponibili
Lengths available

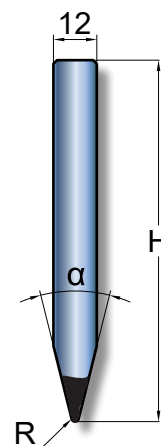
100 mm
200 mm
300 mm
500 mm
550 mm sect.


Blades for TR K57 - TR K120

kN/m	CODE	α	R	H	Mt
1000	TR 776	86°	1.0	100	
	TR 774	84°	1.0	100	
	TR 769	28°	6.0	100	
	TR 768	28°	5.0	100	
	TR 767	28°	4.0	100	
	TR 766	28°	3.0	100	
	TR 765	28°	2.0	100	
	TR 763	28°	1.0	100	
	TR 761	28°	0.5	100	

Lunghezze disponibili
Lengths available

100 mm
200 mm
300 mm
500 mm
550 mm Sect.

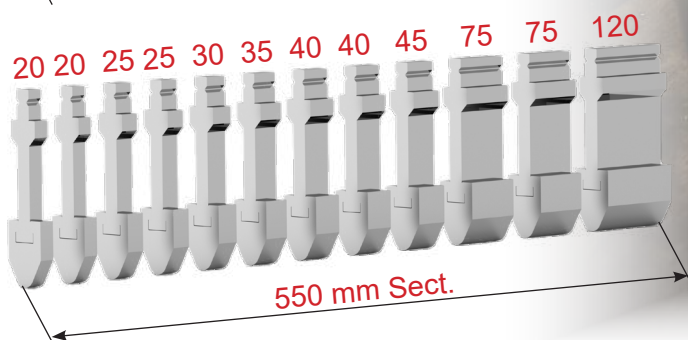
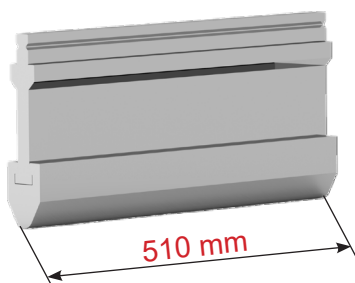
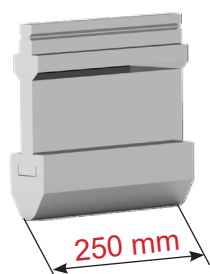
Scarpette incluse
Horns included




kN/m	Mt	Code	H
2000		LVDTP00201	107
		LVDTP00202	142

Code	R	kN/m	Mt
LVDTP00205	5	2000	
LVDTP00206	6	2400	
LVDTP00207	8	3000	
LVDTP00208	10	3000	
LVDTP00209	12	3000	
LVDTP00210	15	3000	
LVDTP00211	20	3000	
LVDTP00212	25	3000	
LVDTP00213	30	3000	
LVDTP00214	35	3000	
LVDTP00215	40	3000	
LVDTP00216	50	3000	

Lunghezze Standard - Standard Lengths





TR 314K

kN/m
800

H **Mt**
160

Lunghezze disponibili
Lengths available
412 mm
830 mm

TR 316K

kN/m
800

H **Mt**
103

Lunghezze disponibili
Lengths available
412 mm
830 mm

TR 318S

kN/m
800

H **Mt**
220

Lunghezze disponibili
Lengths available
412 mm
830 mm

Rounds for TR 314K - TR 316K - TR 318S

Mt

CODE	R	A
AM 1300	7.0	11.5
AM 1301	7.5	11.5
AM 1302	8.0	13.0
AM 1303	9.0	16.0
AM 1304	10.0	16.0
AM 1305	11.0	16.0
AM 1306	11.5	19.0
AM 1307	12.0	20.0

NOTE
Il codice per ordinare il modello 42CrMo4 nitrurato contiene una "H" (es: AMH 1300).
The code for the version 42CrMo4 nitrided contains an "H" (ex: AMH 1300).

Lunghezze
Lengths
415 mm
835 mm

Mt

CODE	A	B
AM 1325	17	22

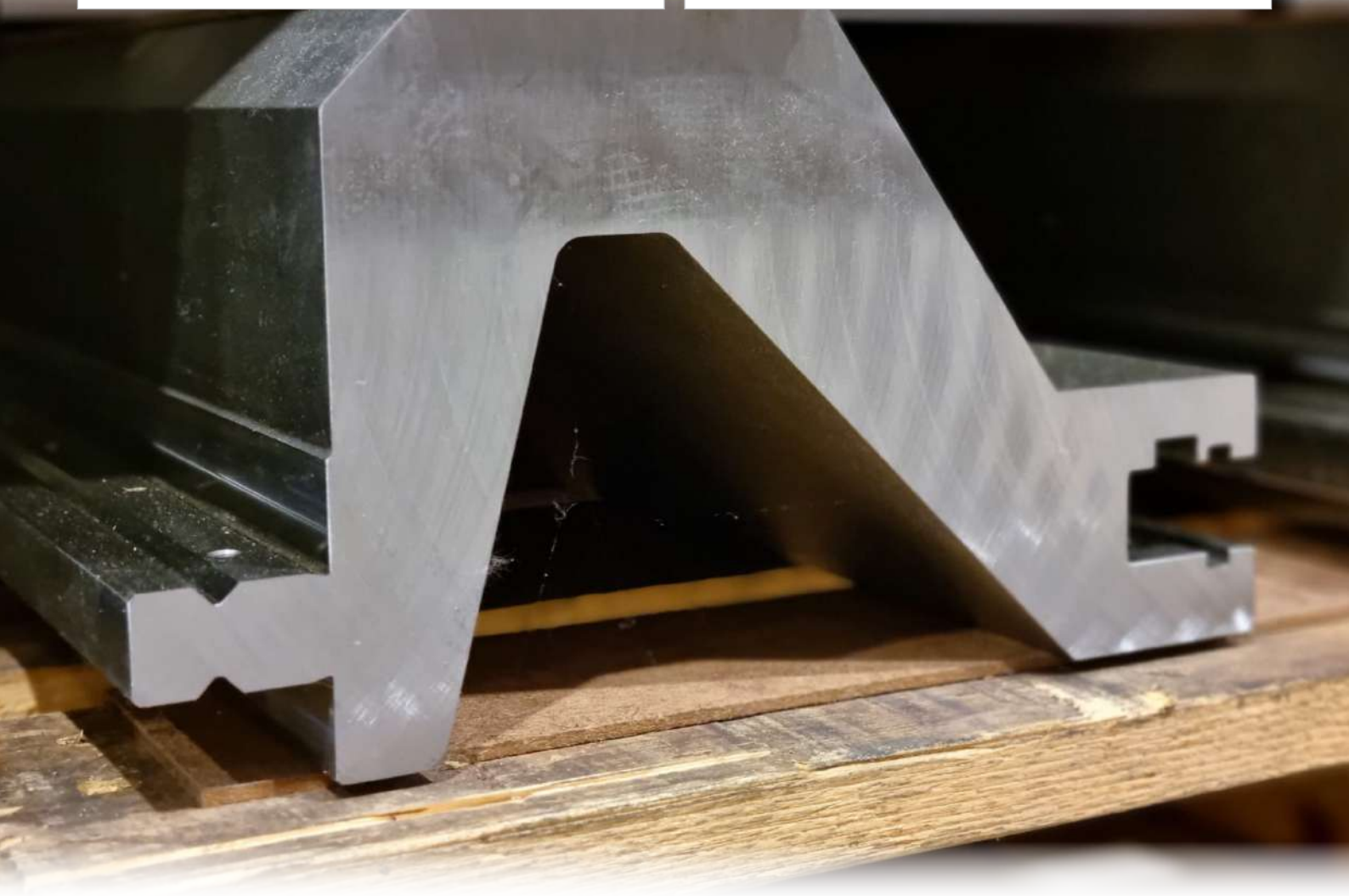
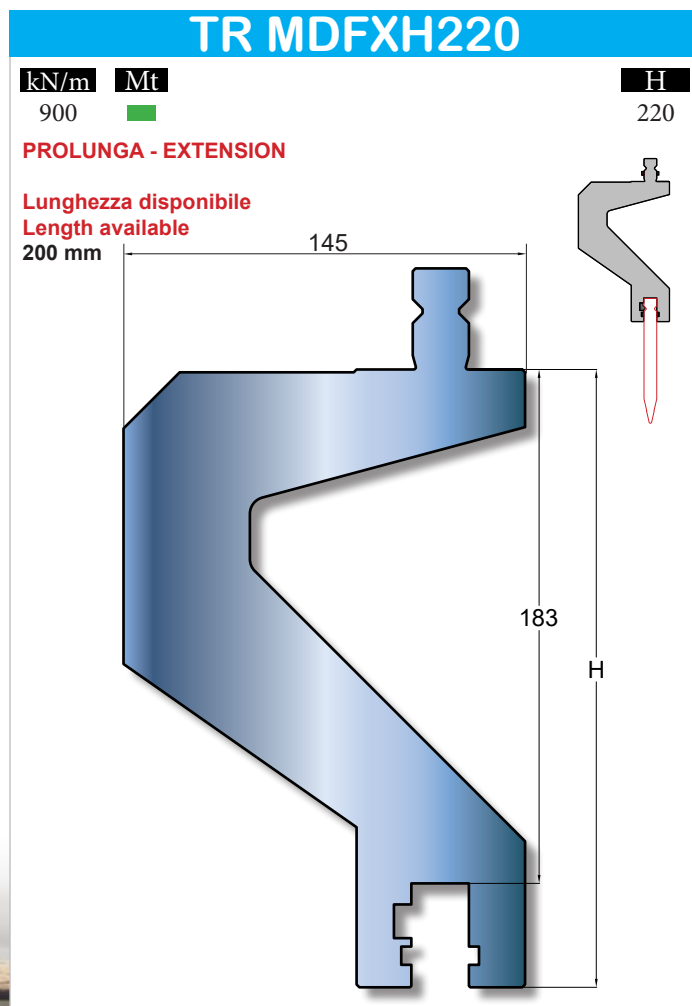
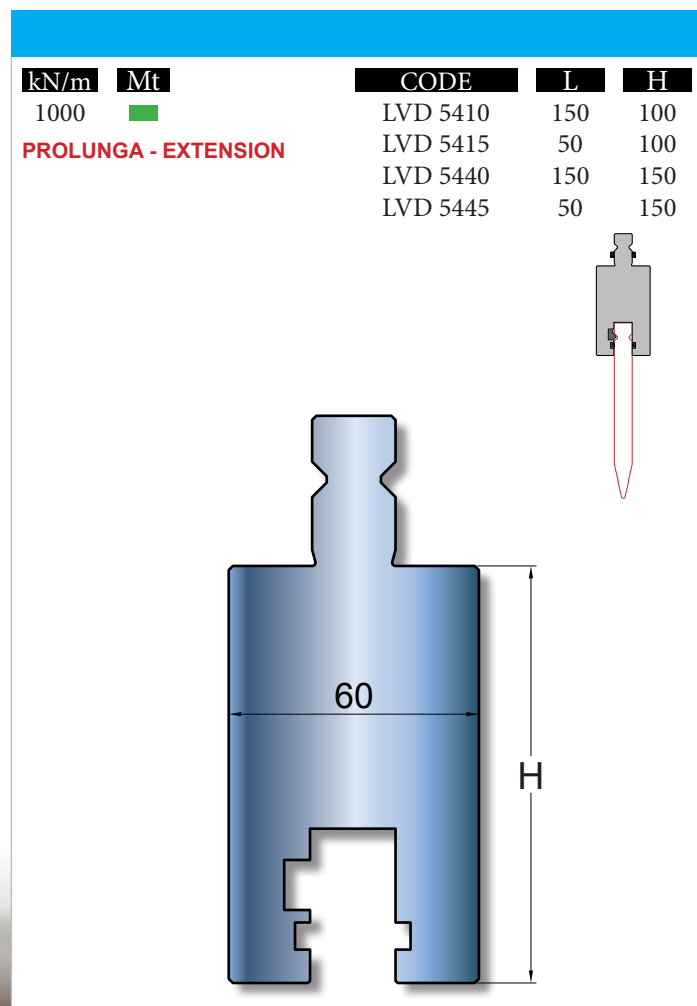
Lunghezze
Lengths
415 mm
835 mm

Mt

CODE	R	A	B
AM 1308	12.5	16.0	21.0
AM 1309	13.0	17.0	23.0
AM 1310	14.0	19.0	25.0
AM 1311	15.0	20.0	27.0
AM 1312	16.0	21.0	28.0
AM 1313	17.0	21.5	31.5
AM 1314	17.5	22.0	32.0
AM 1315	19.0	25.0	32.0
AM 1316	20.0	24.0	34.0
AM 1317	22.5	25.0	33.0
AM 1318	25.0	29.0	39.0
AM 1319	27.5	34.0	44.0
AM 1320	30.0	34.0	44.0
AM 1321	35.0	45.0	55.0
AM 1322	40.0	45.0	55.0
AM 1323	45.0	50.0	60.0
AM 1324	50.0	54.0	64.0

NOTE
Il codice per ordinare il modello 42CrMo4 nitrurato contiene una "H" (es: AMH 1300).
The code for the version 42CrMo4 nitrided contains an "H" (ex: AMH 1300).

Lunghezze
Lengths
415 mm
835 mm





TR AM80

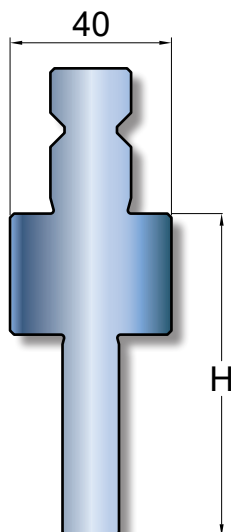
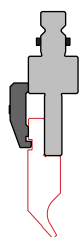
kN/m **Mt**
1000 ■

H
80

LVD / AMADA ADATTATORE
LVD / AMADA ADAPTER

Lunghezza disponibile
Length available
150 mm

Staffe **NON** incluse
Clamp plates **NOT** included



TR AM120

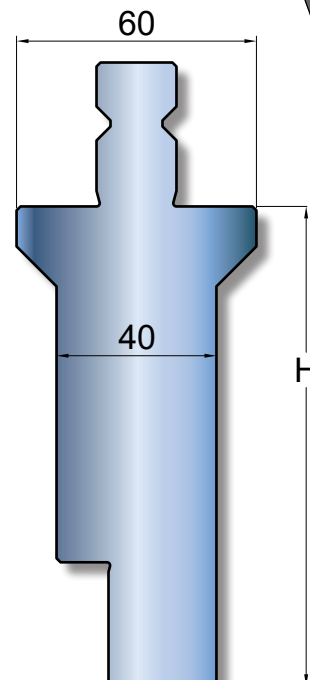
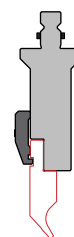
kN/m **Mt**
1000 ■

H
120

LVD / AMADA ADATTATORE
LVD / AMADA ADAPTER

Lunghezza disponibile
Length available
150 mm

Staffe **NON** incluse
Clamp plates **NOT** included



TR AM220

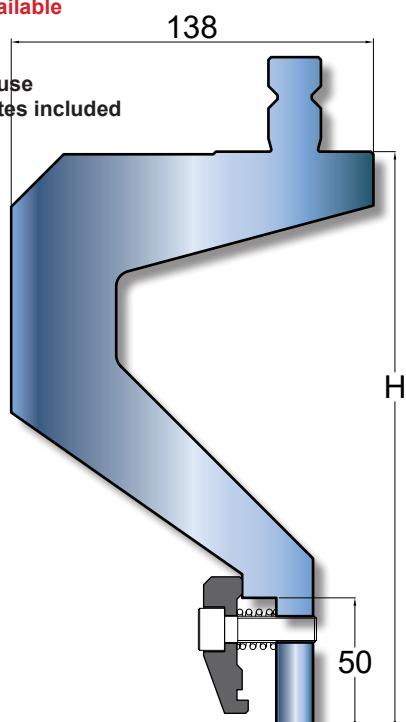
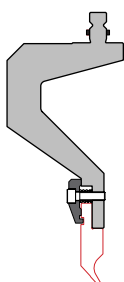
kN/m **Mt**
900 ■

H
220

LVD / AMADA ADATTATORE
LVD / AMADA ADAPTER

Lunghezza disponibile
Length available
200 mm

Staffe **incluse**
Clamp plates **included**



LVD 6930

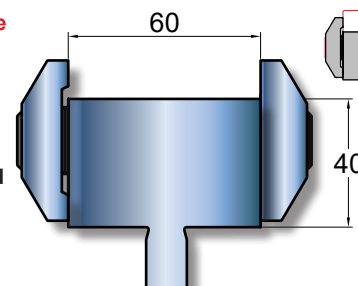
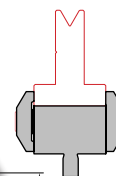
kN/m **Mt**
1000 ■

H
40

LVD / AMADA ADATTATORE
LVD / AMADA ADAPTER

Lunghezza disponibile
Length available
415 mm
835 mm

Staffe **incluse**
Clamp plates **included**



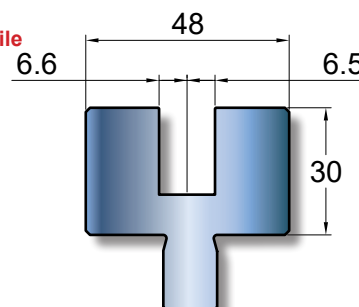
LVD 6935

kN/m **Mt**
1000 ■

H
30.0

LVD / WILA - BYSTRONIC ADATTATORE
LVD / WILA - BYSTRONIC ADAPTER

Lunghezza disponibile
Length available
50 mm
100 mm
200 mm
300 mm
500 mm
1000 mm





LVD 6060

kN/m

1000

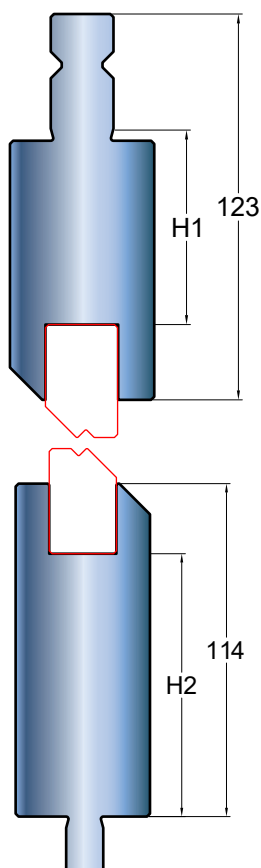
H1

62

H2

90

Mt


Lunghezze disponibili
Lengths available

415 mm
835 mm

Inserts for LVD 6060

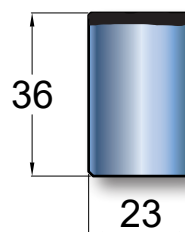
kN/m

1000

Mt

CODE

AM 4500


Lunghezze disponibili
Lengths available

415 mm
835 mm

kN/m

1000

Mt

CODE

AM 4510

Z

1.0

 α

160°

R

0.5

T

1.0

AM 4515

1.5

160°

0.5

1.2

AM 4520

2.0

150°

0.5

1.5

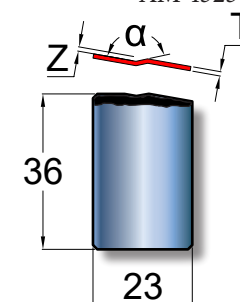
AM 4525

2.5

140°

0.5

1.5


Lunghezze disponibili
Lengths available

415 mm
835 mm

T = Max Spessore
T = Max Thickness

Inserts for LVD 6060

kN/m

1000

Mt

CODE

AM 4585

Z

8.5

 α

90°

R

0.8

T

2.0

AM 4590

9.0

90°

0.8

2.0

AM 4610

10.0

90°

0.8

2.0

AM 4611

11.0

90°

1.0

2.0

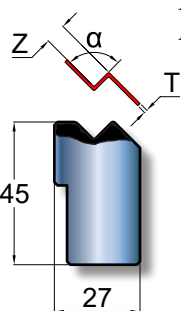
AM 4612

12.0

90°

1.0

2.0


Lunghezze disponibili
Lengths available

415 mm
835 mm

T = Max Spessore
T = Max Thickness

kN/m

1000

Mt

CODE

AM 4613

Z

13.0

 α

90°

R

1.0

T

2.5

AM 4614

14.0

90°

1.0

2.5

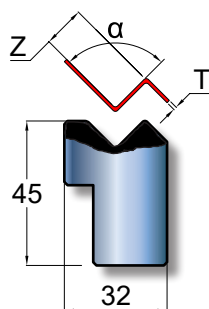
AM 4615

15.0

90°

1.0

3.0


Lunghezze disponibili
Lengths available

415 mm
835 mm

T = Max Spessore
T = Max Thickness

Inserts for LVD 6060

kN/m

1000

Mt

CODE

AM 4511

Z

1.0

 α

90°

R

0.3

T

0.5

AM 4516

1.5

90°

0.3

0.5

AM 4521

2.0

90°

0.5

0.8

AM 4526

2.5

90°

0.5

1.0

AM 4530

3.0

90°

0.5

1.0

AM 4535

3.5

90°

0.5

1.2

AM 4540

4.0

90°

0.5

1.2

AM 4545

4.5

90°

0.5

1.5

AM 4550

5.0

90°

0.5

1.5

AM 4555

5.5

90°

0.5

1.5

AM 4560

6.0

90°

0.5

1.5

AM 4565

6.5

90°

0.5

1.5

AM 4570

7.0

90°

0.5

1.5

AM 4575

7.5

90°

0.5

1.6

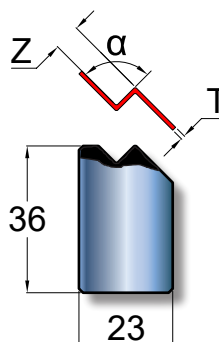
AM 4580

8.0

90°

0.5

1.6


Lunghezze disponibili
Lengths available

415 mm
835 mm

T = Max Spessore
T = Max Thickness



LEGENDA LEGEND

L=Max lunghezza stampi
L=Max length tools

N=N° Max stampi
N=N° Max tools

W=Peso
W=Weight

Altri colori su richiesta

Other colours on request



TR 4652

L	N	W
1100 mm	55	450 Kg



TR 4653

L	N	W
1100 mm	30	300 Kg



Questi modelli di armadi portautensili sono compatibili anche con le linee tipo:

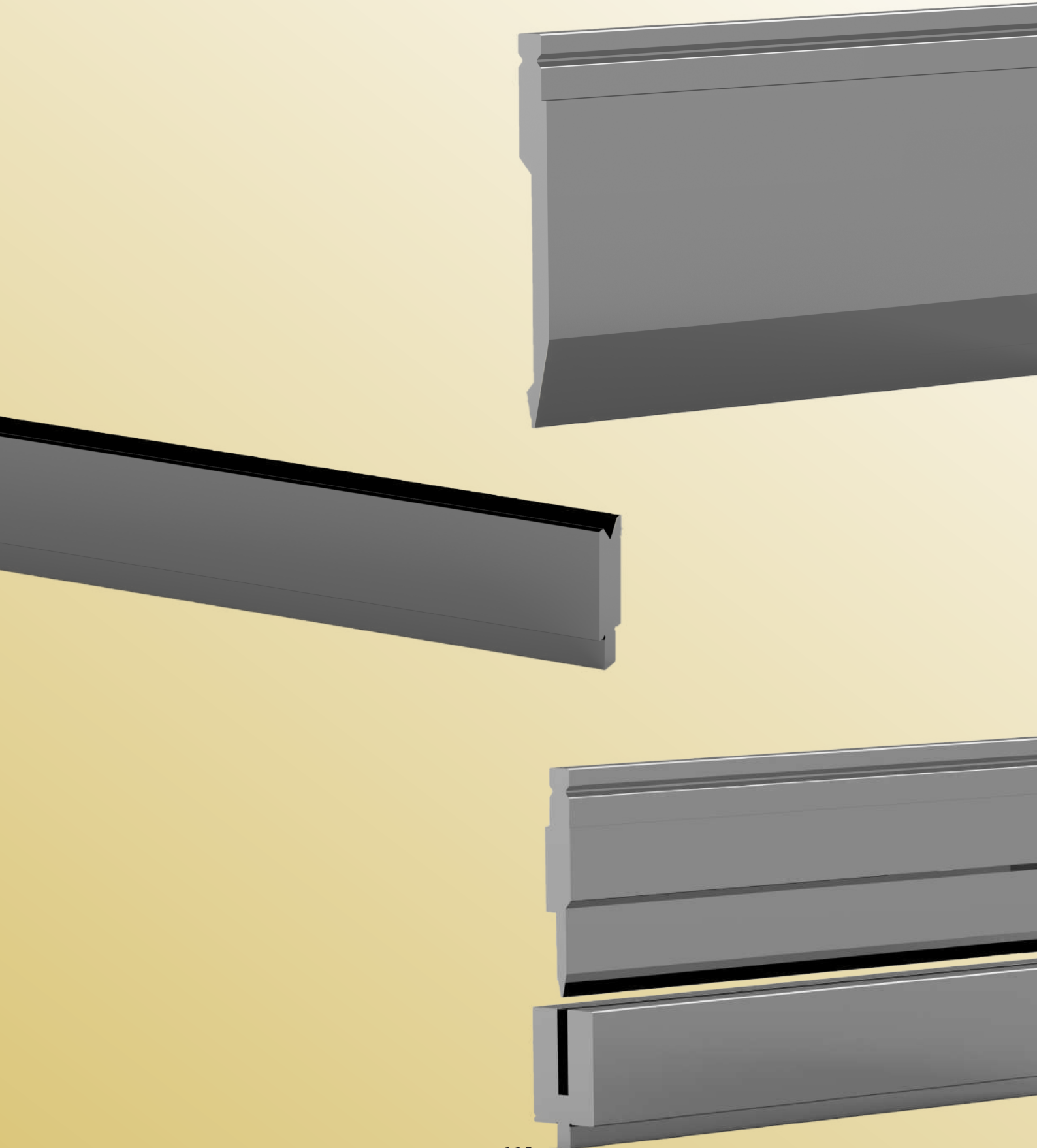
TRUMPF - BYSTRONIC - WILA

These tools cabinets are compatible also with lines:

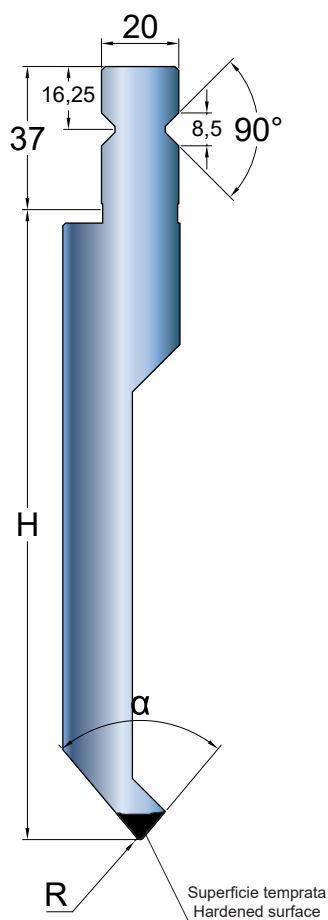
TRUMPF - BYSTRONIC - WILA



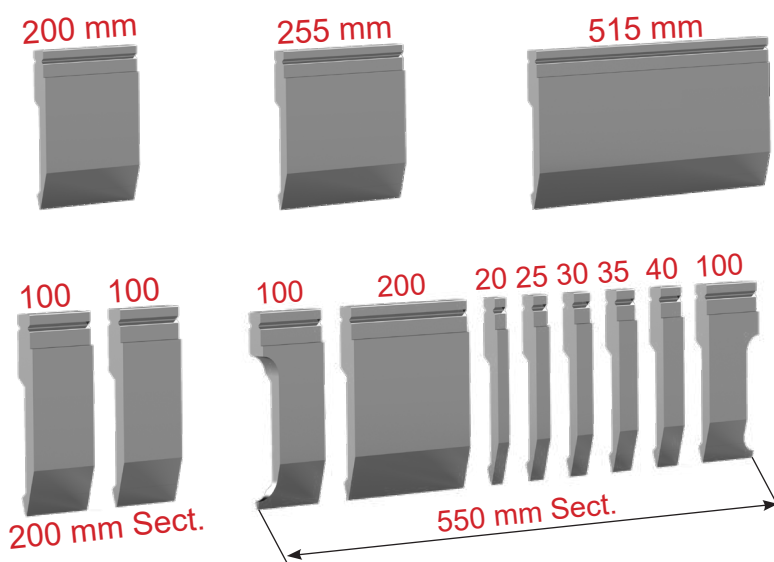
WILA STYLE



Attacco Standard Standard clamp



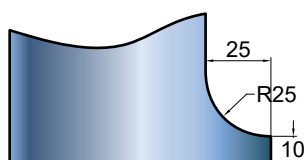
Lunghezze Standard - Standard Lengths



Scarpette disponibili singolarmente

Horns available separately

Scarpetta Standard Standard Horn



Il carico massimo delle scarpette corrisponde al 50% del carico massimo indicato sul punzone.

The horns' max load is 50% of the max load of the punch.

Sistema di Bloccaggio - Clamping Type

WEIGHT
>12,5 Kg



WEIGHT
≤12,5 Kg



Bloccaggio mediante **spine** per montaggio e smontaggio laterale degli utensili

Clamping with **pins** for side installation and disinstallation of the tools

Bloccaggio mediante **safety click** per montaggio e smontaggio verticale degli utensili

Clamping with **safety click** for front installation and disinstallation of the tools

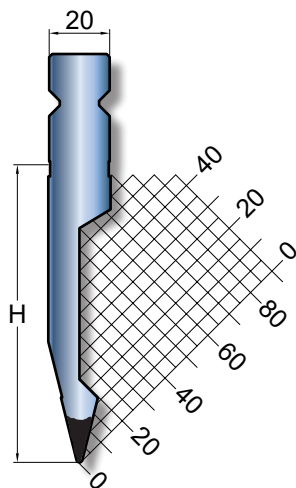
NOTE

In entrambi i casi componenti disponibili
In both cases, spare parts available



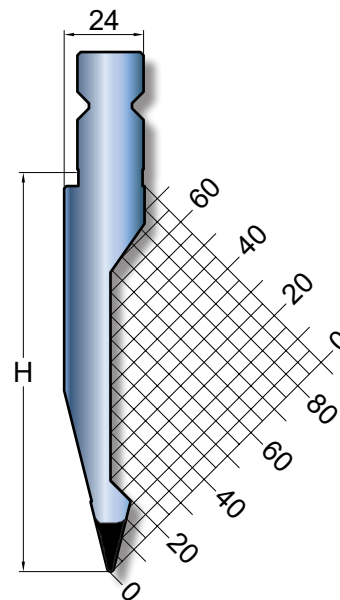
FTP 001

kN/m	α	Mt	R	H
1000	28°	■	1.00	98



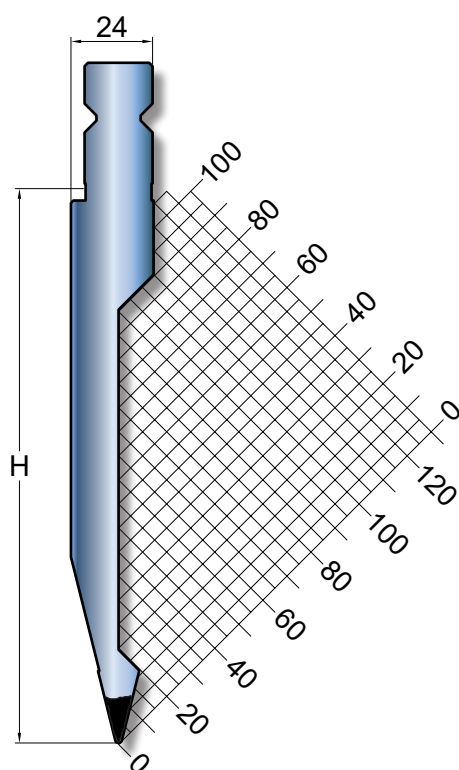
FTP 011

kN/m	α	Mt	R	H
1000	28°	■	1.00	120



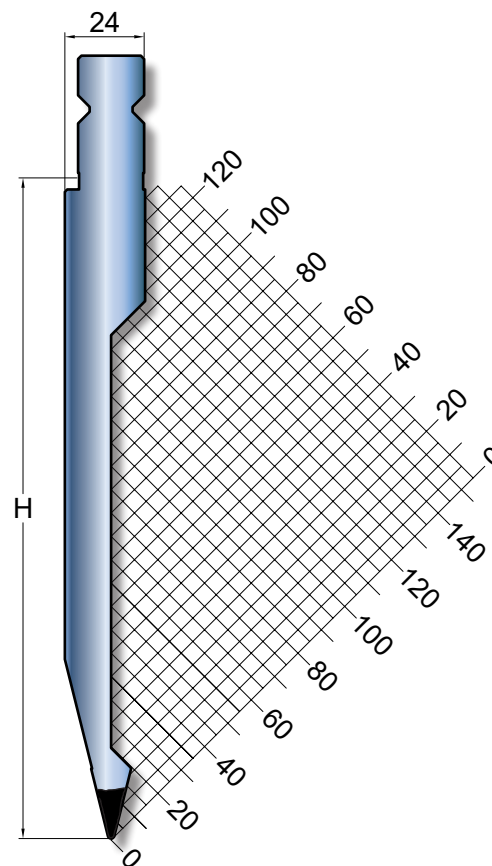
FTP 021

kN/m	α	Mt	R	H
700	28°	■	1.00	163



FTP 031

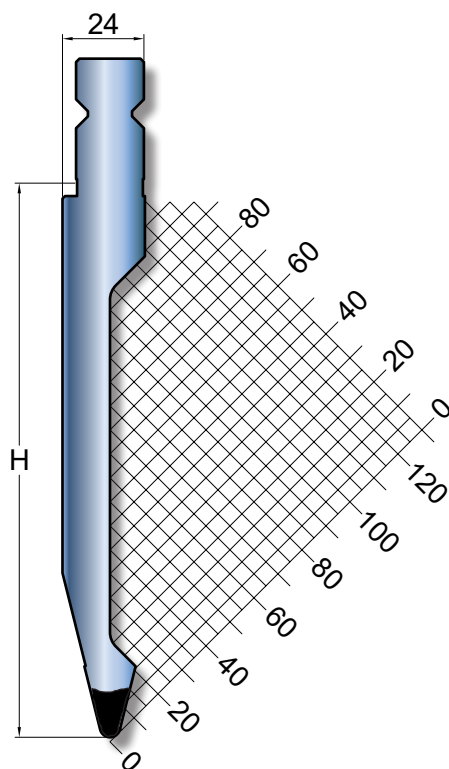
kN/m	α	Mt	R	H
600	28°	■	1.00	200





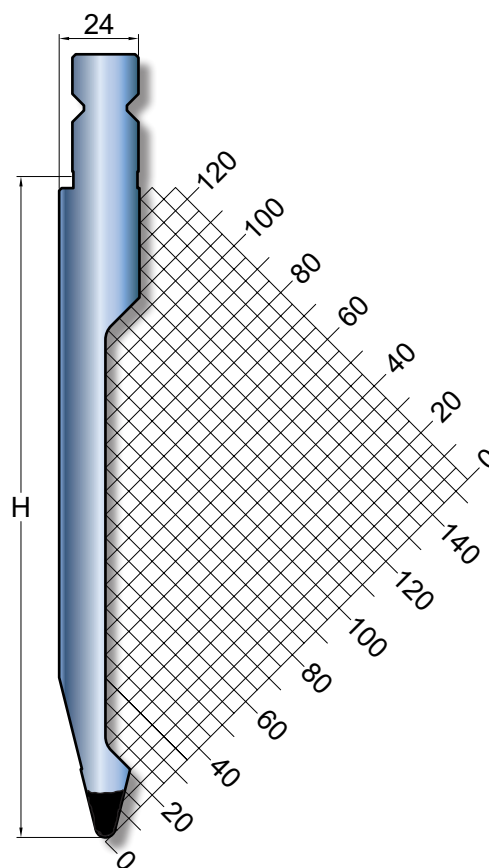
FTP 221

kN/m	α	Mt	R	H
1000	28°	■	3.00	163



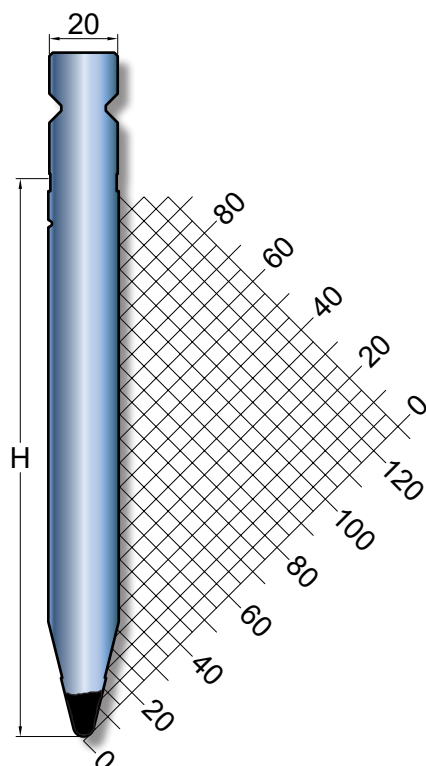
FTP 231

kN/m	α	Mt	R	H
1000	28°	■	3.00	200



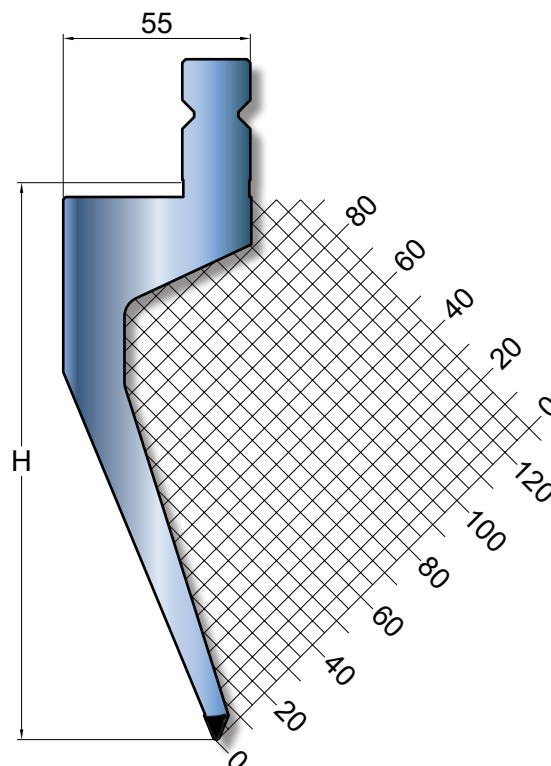
FTP 029

kN/m	α	Mt	R	H
1600	28°	■	3.00	163



FTP 226

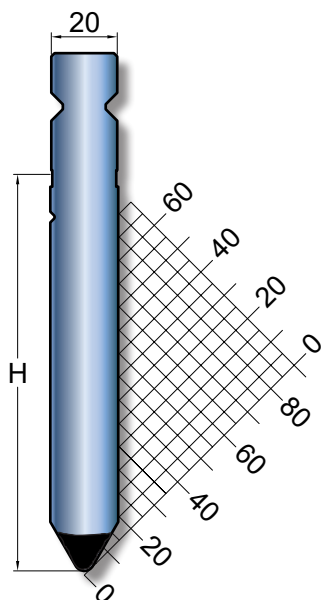
kN/m	α	Mt	R	H
400	45°	■	1.00	163



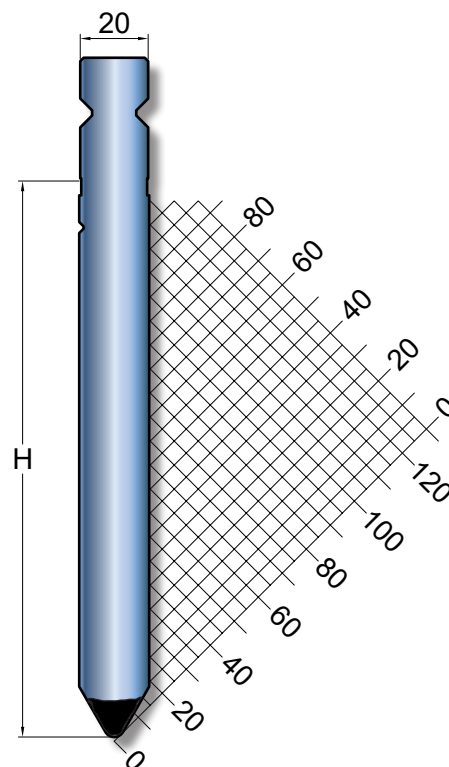


FTP 014

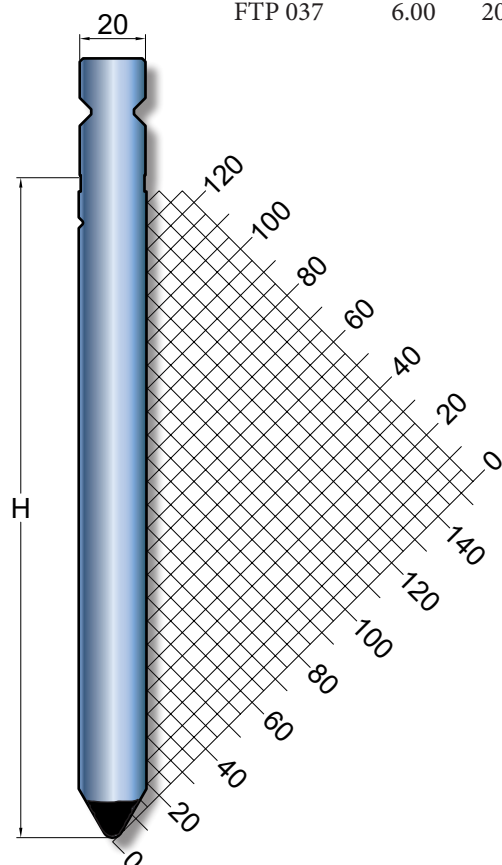
kN/m	α	Mt	R	H
1600	60°	■	3.00	120



kN/m	α	Mt	CODE	R	H
1600	60°	■	FTP 024	3.00	163
			FTP 222	6.00	163



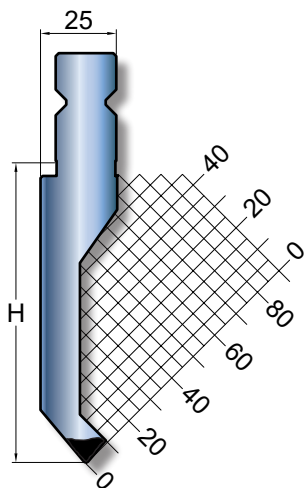
kN/m	α	Mt	CODE	R	H
1600	60°	■	FTP 034	3.00	200
			FTP 037	6.00	200





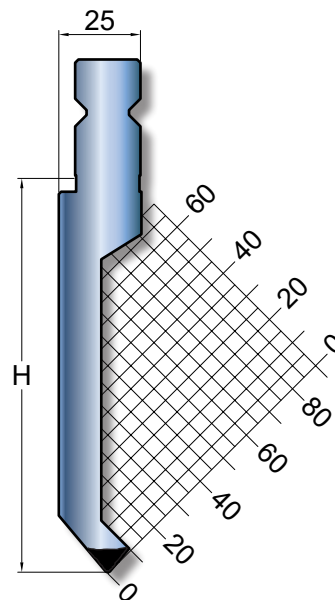
FTP 002

kN/m	α	Mt	R	H
1000	80°	■	1.00	98



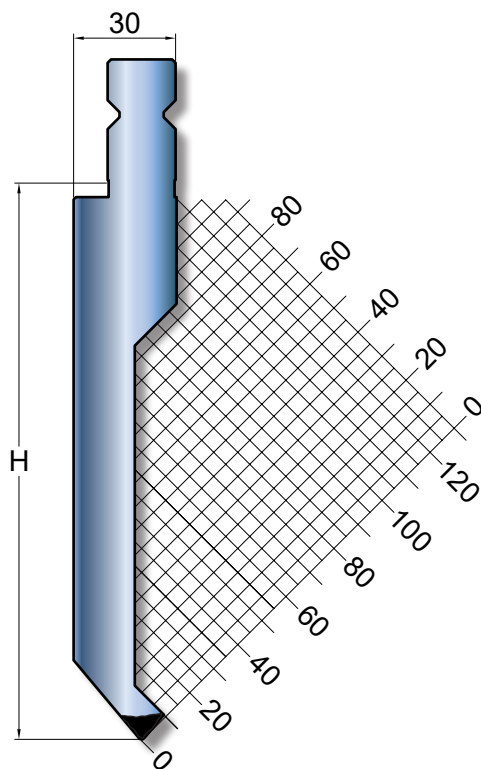
FTP 012

kN/m	α	Mt	R	H
1000	80°	■	1.00	120



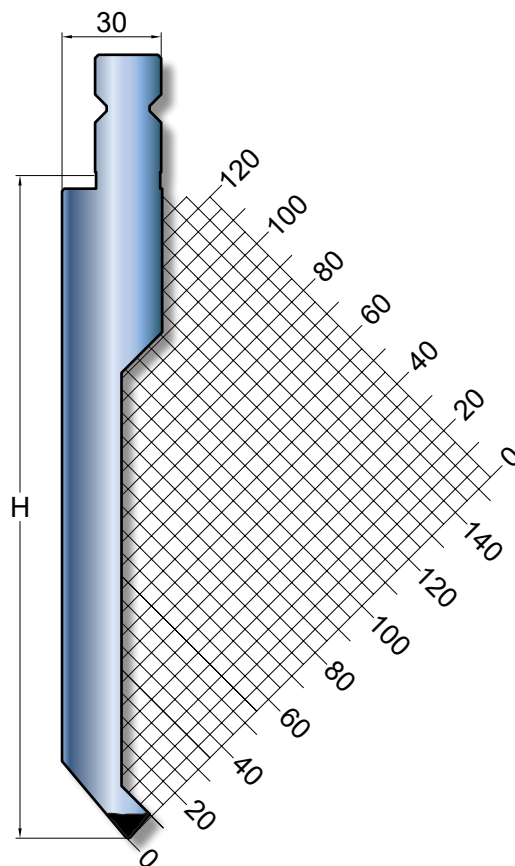
FTP 022

kN/m	α	Mt	R	H
800	80°	■	1.00	163



FTP 032

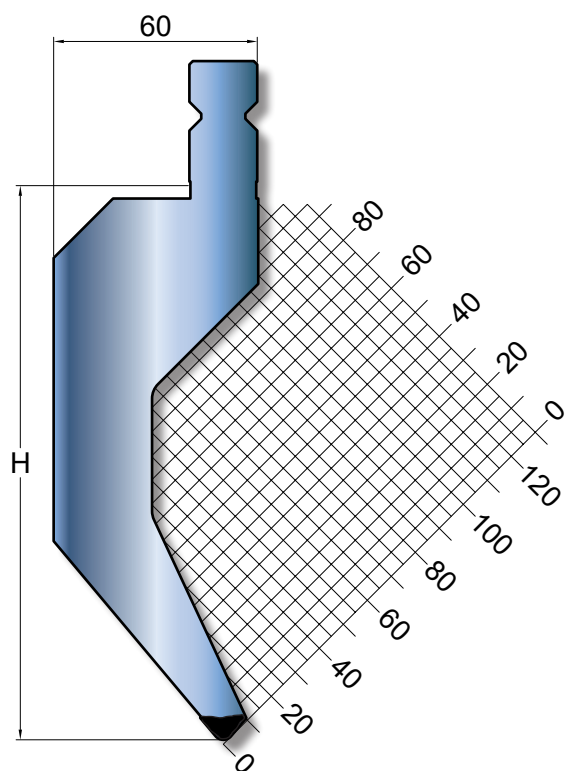
kN/m	α	Mt	R	H
800	80°	■	1.00	200





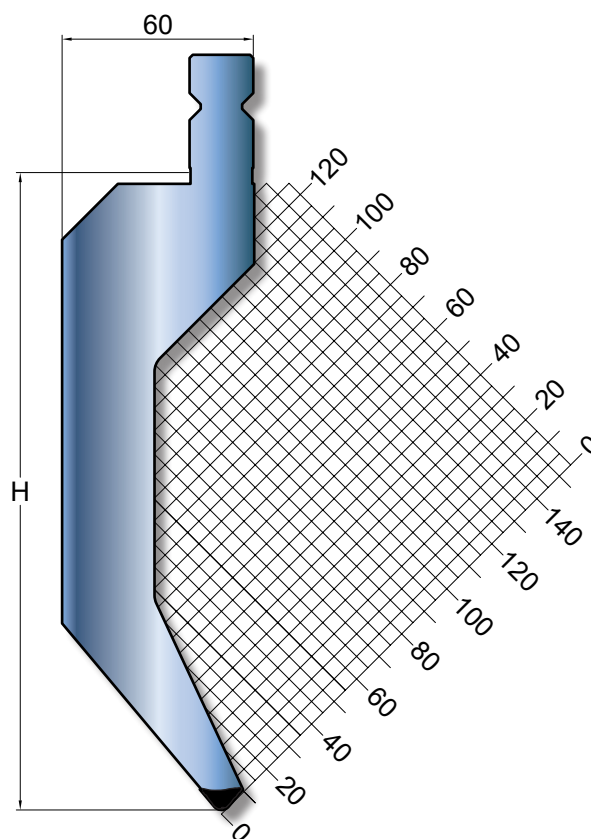
FTP 225

kN/m	α	Mt	R	H
900	80°	■	3.00	163



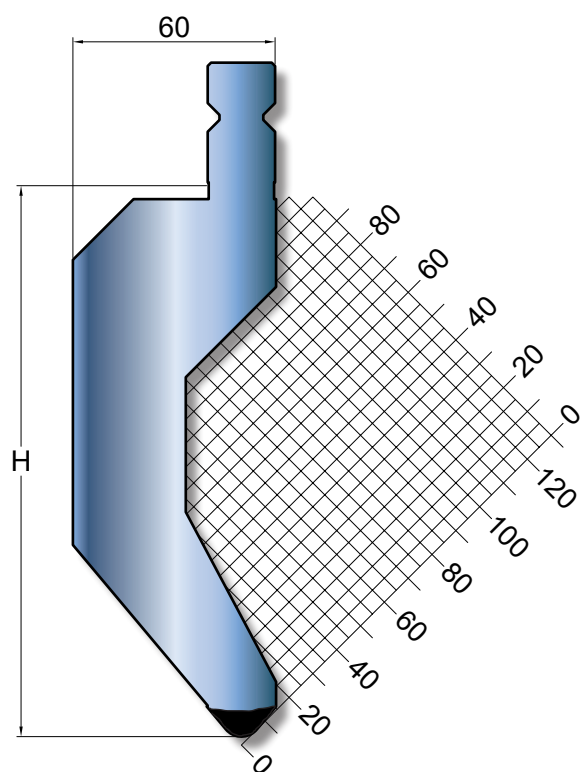
FTP 233

kN/m	α	Mt	R	H
900	80°	■	3.00	200



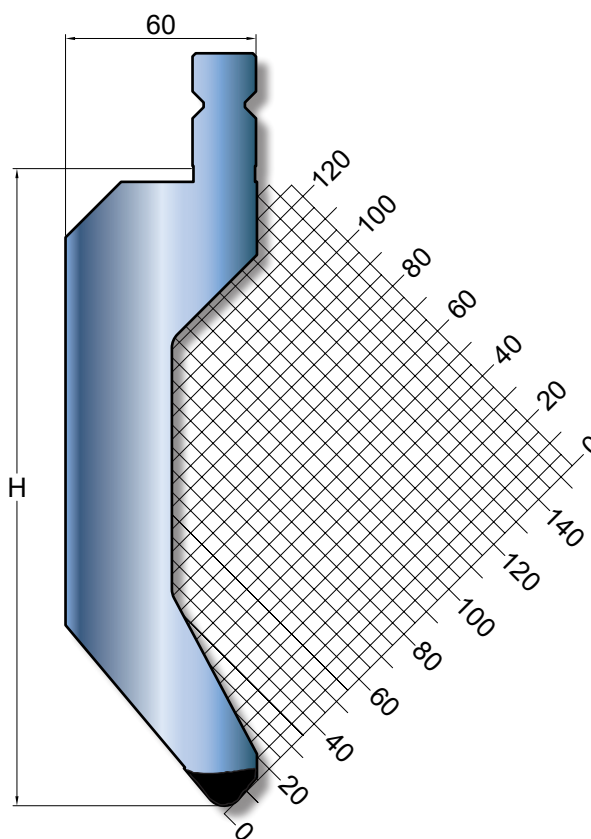
FTP 025

kN/m	α	Mt	R	H
1300	80°	■	6.00	163



FTP 235

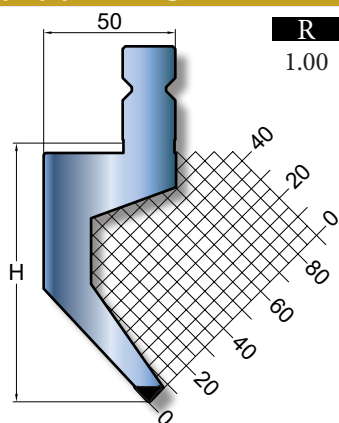
kN/m	α	Mt	R	H
1300	80°	■	6.00	200





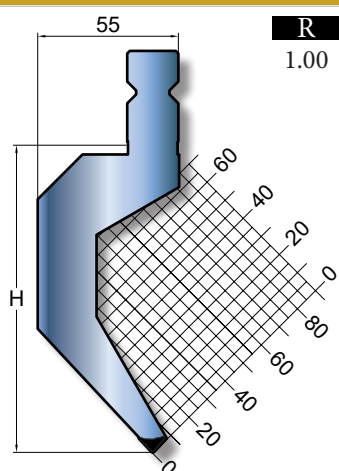
FTP 003

kN/m	α	Mt	R	H
650	86°	■	1.00	98



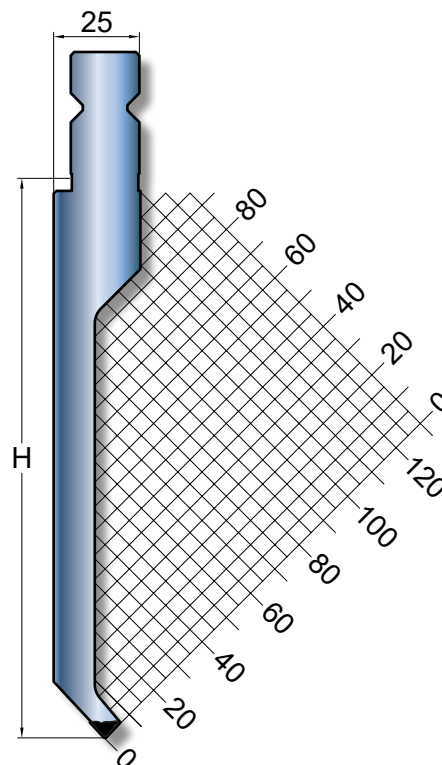
FTP 013

kN/m	α	Mt	R	H
650	86°	■	1.00	120



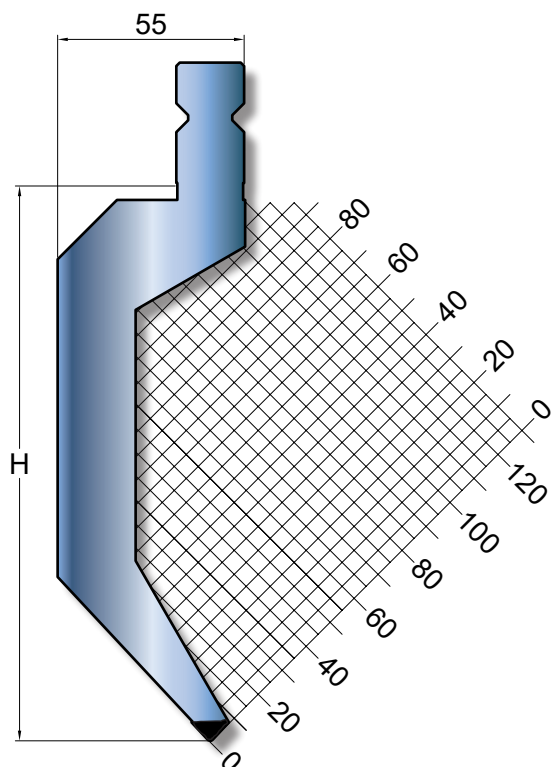
FTP 224

kN/m	α	Mt	R	H
450	86°	■	0.60	163



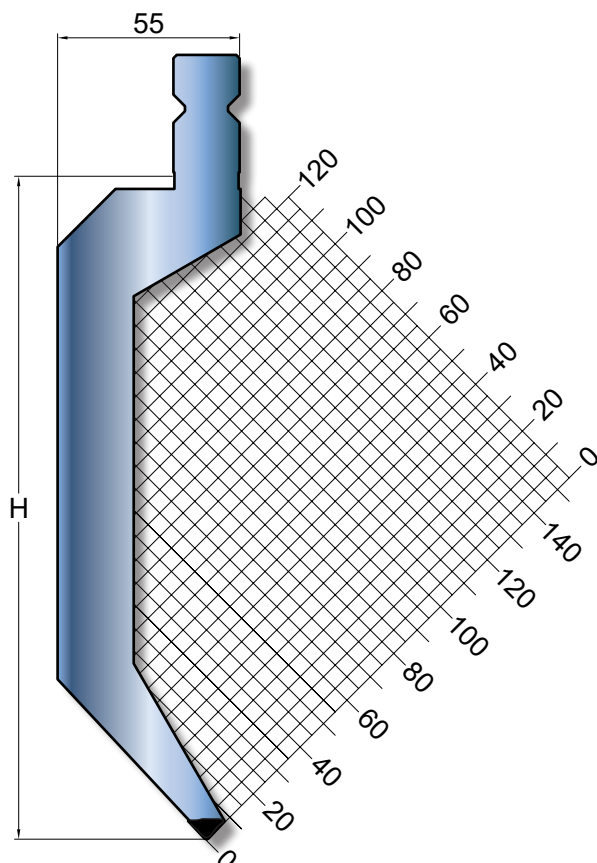
FTP 023

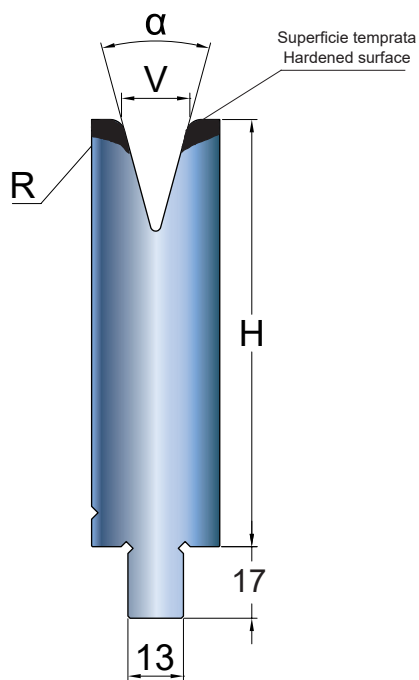
kN/m	α	Mt	R	H
650	86°	■	1.00	163



FTP 033

kN/m	α	Mt	R	H
500	86°	■	1.00	200



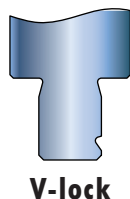


Attacco Standard
Standard clamp

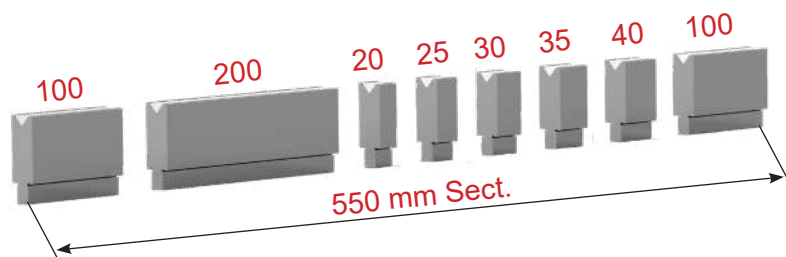
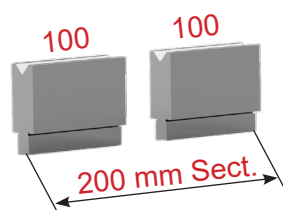
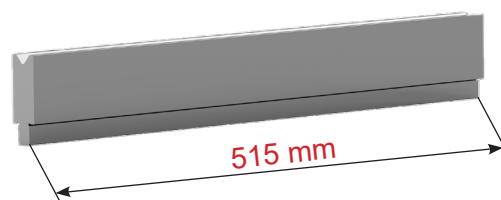
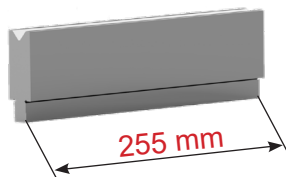
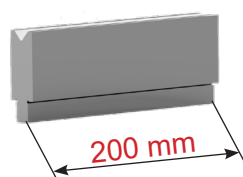
NOTE

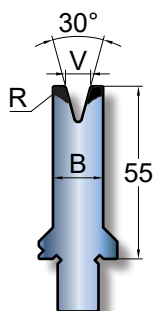
Su richiesta è possibile realizzare l'attacco della matrice con il nuovo sistema "V-lock"

On request, we can produce the dies' clamping with the new "V-lock" system.

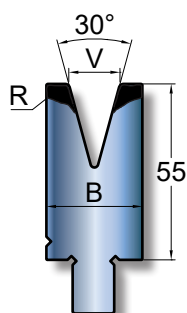


Lunghezze Standard - Standard Lengths

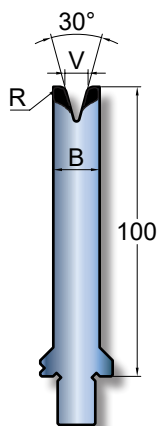


**30° H=55**

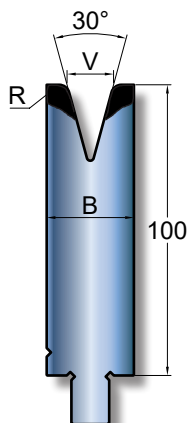
Code	V	R	B	kN/m	Mt
FLD 061	6	1.00	16	800	■
FLD 051	8	1.00	16	800	■
FLD 062	10	1.00	20	800	■
FLD 052	12	1.00	20	800	■

30° H=55

Code	V	R	B	kN/m	Mt
FLD 053	16	1.50	30	800	■
FLD 063	20	2.00	35	800	■
FLD 054	24	2.50	40	800	■

30° H=100

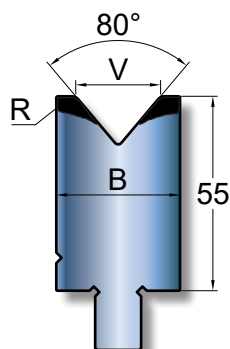
Code	V	R	B	kN/m	Mt
FLD 361	6	2.00	16	800	■
FLD 351	8	2.50	16	800	■
FLD 362	10	2.50	20	800	■
FLD 352	12	3.00	20	800	■

30° H=100

Code	V	R	B	kN/m	Mt
FLD 353	16	3.50	30	800	■
FLD 363	20	4.00	35	800	■
FLD 354	24	5.00	40	800	■
FLD 330	50	10.00	80	1500	■



80° H=55



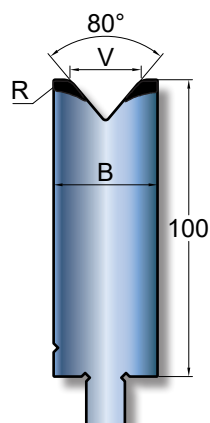
Code	V	R	B	H	kN/m	Mt
FLD 013	24	2.50	35	55	1250	■
FLD 014	30	3.00	40	55	1250	■
FLD 015	40	4.00	50	55	1250	■
FLD 035	50	5.00	75	55	1500	■
FLD 017	80	8.00	100	65	1500	■

Per FLD 017 **NON** disponibili come standard:

For FLD 017 **NOT** available as standard:

200 mm - 550 mm Sect.

80° H=100



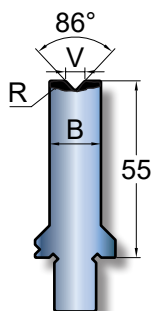
Code	V	R	B	kN/m	Mt
FLD 313	24	5.00	35	1250	■
FLD 324	30	6.00	40	1250	■
FLD 325	40	8.00	55	1250	■
FLD 326	50	10.00	65	1500	■
FLD 317	80	16.00	105	1500	■

Per FLD 317 **NON** disponibili come standard:

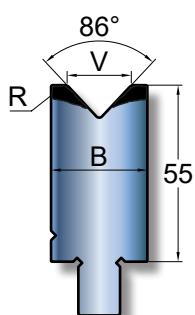
For FLD 317 **NOT** available as standard:

200 mm - 550 mm Sect.

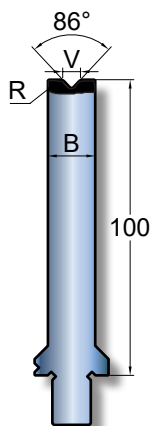


**86° H=55**

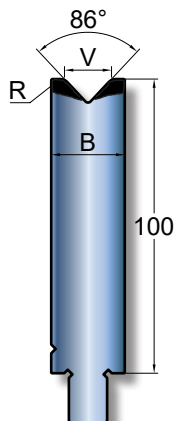
Code	V	R	B	kN/m	Mt
FLD 024	4	0.50	10	450	■
FLD 021	6	1.00	16	1200	■
FLD 010	8	1.00	16	1200	■
FLD 022	10	1.00	20	1200	■
FLD 011	12	1.00	20	1200	■

86° H=55

Code	V	R	B	kN/m	Mt
FLD 012	16	1.50	25	1200	■
FLD 023	20	2.00	30	1200	■

86° H=100

Code	V	R	B	kN/m	Mt
FLD 336	4	0.80	10	450	■
FLD 321	6	2.00	16	1200	■
FLD 310	8	2.50	16	1200	■
FLD 322	10	2.50	20	1200	■
FLD 311	12	3.00	20	1200	■

86° H=100

Code	V	R	B	kN/m	Mt
FLD 312	16	3.50	25	1200	■
FLD 323	20	4.00	30	1200	■



INSERTI IN NYLON CON CONTENITORE

VANTAGGI:

- Eliminano i segni di piegatura
- Ideali per la piega di alluminio, inox e lamiere preverniciate
- Cambio rapido e semplice.

NYLON INSERTS AND HOLDERS

ADVANTAGES

- They avoid marks during the bending
- Recommended for bending aluminium, stainless steel and painted surfaces.
- Fast and easy change.

Lunghezze disponibili

Lengths available: 415 mm - 835 mm

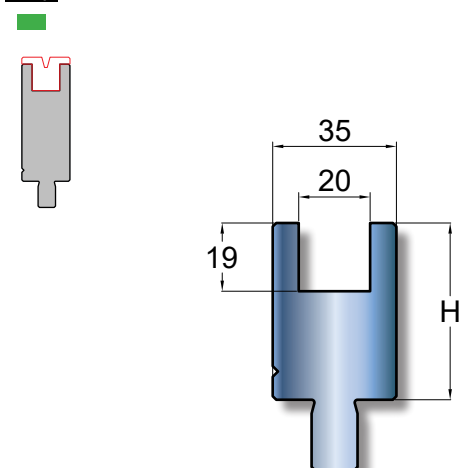


TR N50

Mt

H

50

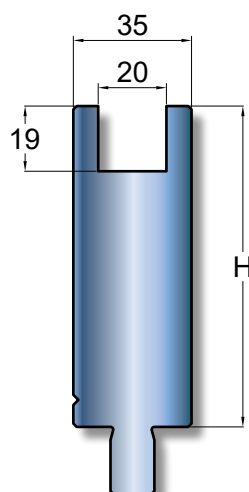


TR N95

Mt

H

95



Inserts for TR N50 - TR N95

kN/m

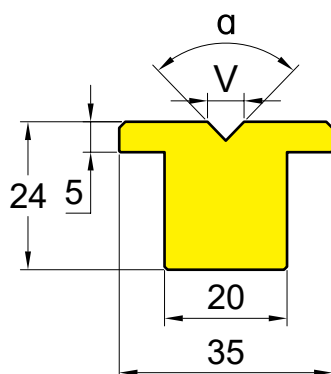
Code

α

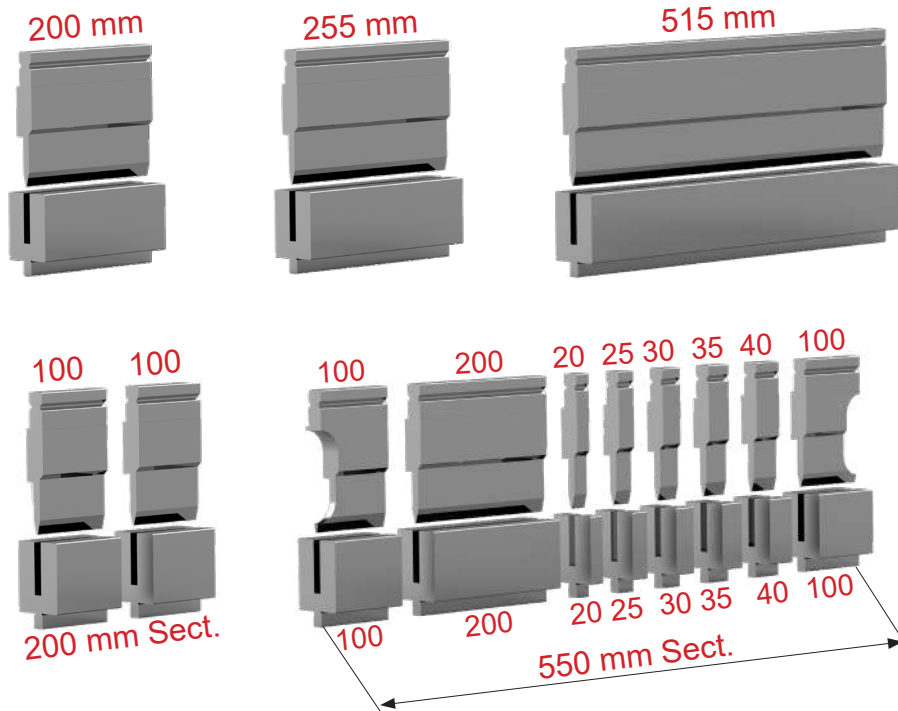
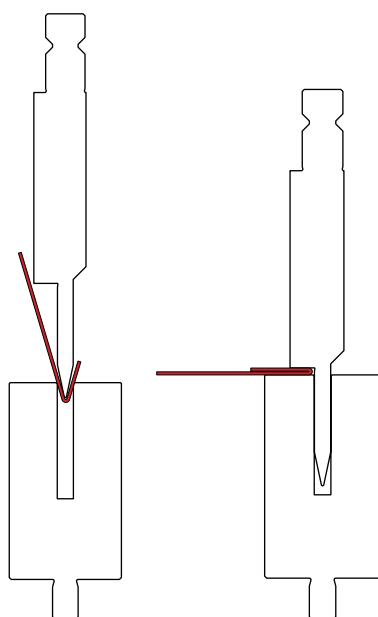
V

200

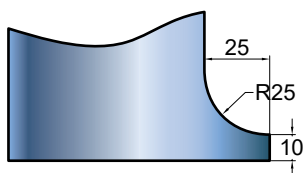
AMM 306	30°	6
AMM 308	30°	8
AMM 310	30°	10
AMM 406	45°	6
AMM 408	45°	8
AMM 410	45°	10
AMM 412	45°	12
AMM 606	60°	6
AMM 608	60°	8
AMM 610	60°	10
AMM 612	60°	12
AMM 616	60°	16



Lunghezze Standard - Standard Lengths



Scarpetta Standard Standard Horn



Scarpette disponibili singolarmente

Horns available separately

Il carico massimo delle scarpette corrisponde al 50% del carico massimo indicato sul punzone.

The horns' max load is 50% of the max load of the punch.

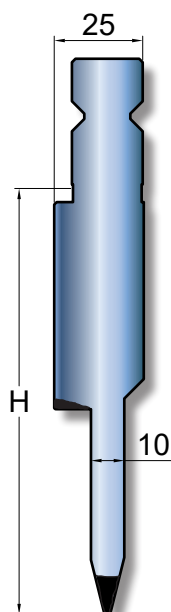
$\sigma \approx 700 \text{ N/mm}^2$				
S [mm]	F [kN/m]	D [mm]	F [kN/m]	2S [mm]
0.60	90	3.0	230	1.2
0.80	120	3.0	320	1.6
1.00	150	3.5	400	2.0
1.25	170	3.5	500	2.5
1.50	220	4.6	630	3.0
2.00	300	5.5	800	4.0
2.50	550	6.5	900	5.0
3.00	700	8.0	1000	6.0

$\sigma \approx 700 \text{ N/mm}^2$				
S [mm]	F [kN/m]	D [mm]	F [kN/m]	2S [mm]
0.60	150	3.0	350	1.2
0.80	200	3.0	500	1.6
1.00	250	3.5	600	2.0
1.25	260	3.5	800	2.5
1.50	380	4.6	950	3.0
2.00	500	5.5	1300	4.0



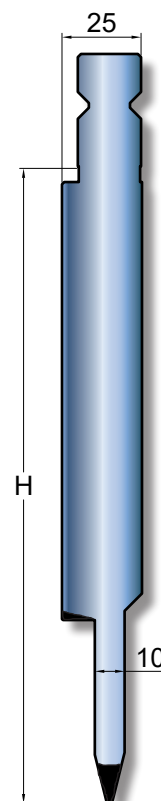
FTP 051

kN/m	α	Mt	R	H
1000	28°		1.00	120



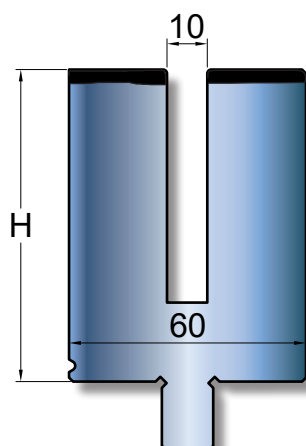
FTP 053

kN/m	α	Mt	R	H
1000	28°		1.00	200



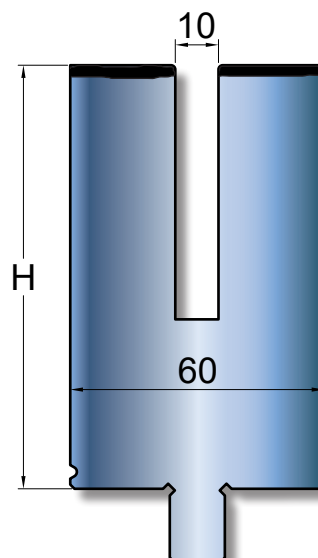
FLD 083

kN/m	Mt	V	R	H
1000		10	1.00	79



FLD 381

kN/m	Mt	V	R	H
1000		10	1.00	100





Lunghezze Standard - Standard Lengths

100 mm



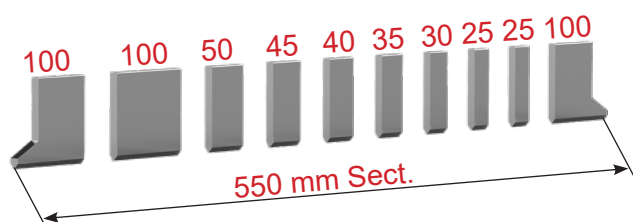
200 mm



300 mm



500 mm

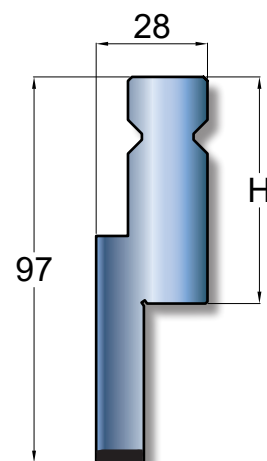


TR K57

kN/m 1000 Mt

H 57

Lunghezze disponibili
Lengths available

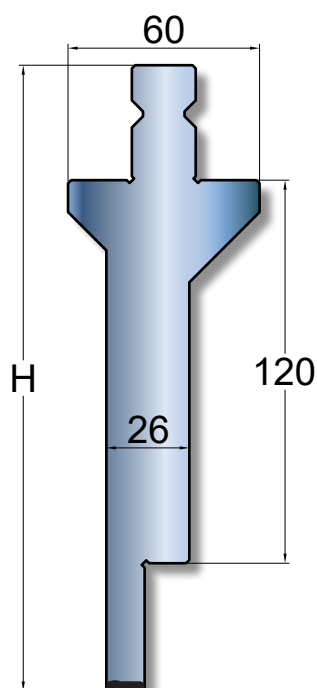
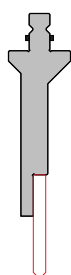
100 mm
200 mm
300 mm
500 mm
550 mm sect.


TR K120

kN/m 1000 Mt

H 196.0

Lunghezze disponibili
Lengths available

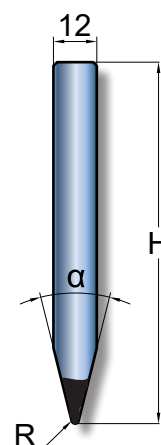
100 mm
200 mm
300 mm
500 mm
550 mm sect.


Blades for TR K57 - TR K120

kN/m	CODE	α	R	H	Mt
1000	TR 776	86°	1.0	100	■
	TR 774	84°	1.0	100	■
	TR 769	28°	6.0	100	■
	TR 768	28°	5.0	100	■
	TR 767	28°	4.0	100	■
	TR 766	28°	3.0	100	■
	TR 765	28°	2.0	100	■
	TR 763	28°	1.0	100	■
	TR 761	28°	0.5	100	■

Lunghezze disponibili
Lengths available

100 mm
200 mm
300 mm
500 mm
550 mm Sect.

Scarpette incluse
Horns included




FTP 004

kN/m	H	Mt
1600	88	■

Lunghezze disponibili
Lengths available
515 mm

FTP 024

kN/m	H	Mt
1600	163	■

Lunghezze disponibili
Lengths available
515 mm

FTP 124

kN/m	H	Mt
2500	163	■

Lunghezze disponibili
Lengths available
515 mm

Rounds for FTP 004 - FTP 024 - FTP 124

kN/m	Mt	CODE	R	H
1750	■	FLR 070	7.0	11.5
1000	■	FLR 075	7.5	11.5
		FLR 080	8.0	13.0
		FLR 090	9.0	16.0
		FLR 100	10.0	16.0

NOTE
Il codice per ordinare il modello 42CrMo4 temprato contiene una "H" (es: FLRH 070).

The code for the version 42CrMo4 hardened contains an "H" (ex: FLRH 070).

Lunghezze
Lengths
515 mm

kN/m	Mt	CODE	R	A
2250	■	FLR 125	12.5	16.0
1000	■	FLR 150	15.0	20.0
		FLR 175	17.5	22.0
		FLR 200	20.0	24.0

NOTE
Il codice per ordinare il modello 42CrMo4 temprato contiene una "H" (es: FLRH 125).

The code for the version 42CrMo4 hardened contains an "H" (ex: FLRH 125).

Lunghezze
Lengths
515 mm

kN/m	Mt	CODE	R	A
2500	■	FLR 250	25.0	29.0
1000	■	FLR 300	30.0	34.0
		FLR 400	40.0	45.0
		FLR 500	50.0	54.0

NOTE
Il codice per ordinare il modello 42CrMo4 temprato contiene una "H" (es: FLRH 250).

The code for the version 42CrMo4 hardened contains an "H" (ex: FLRH 250).

Lunghezze
Lengths
515 mm

kN/m	Mt	CODE	B	A
1000	■	FLR 900	22	17

NOTE
Il codice per ordinare il modello 42CrMo4 temprato contiene una "H" (es: FLRH 900).

The code for the version 42CrMo4 hardened contains an "H" (ex: FLRH 900).

Lunghezze
Lengths
515 mm



TR 314K

kN/m

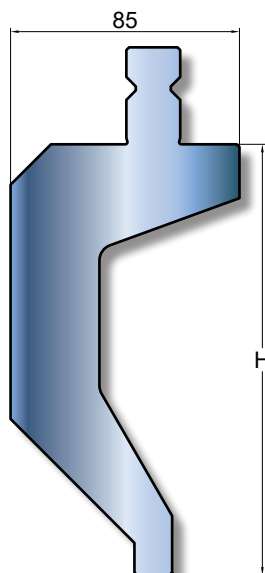
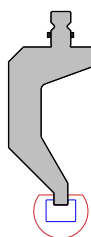
800

H

160

Mt

Lunghezze disponibili
Lengths available
412 mm
830 mm



TR 316K

kN/m

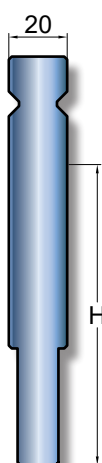
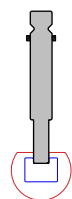
800

H

103

Mt

Lunghezze disponibili
Lengths available
412 mm
830 mm



TR 318S

kN/m

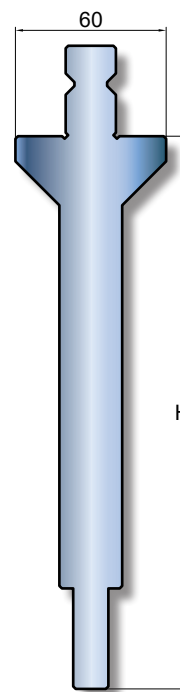
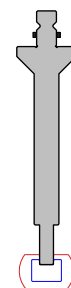
800

H

220

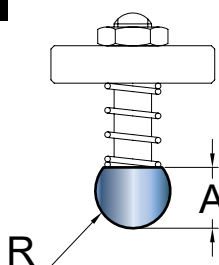
Mt

Lunghezze disponibili
Lengths available
412 mm
830 mm



Rounds for TR 314K - TR 316K - TR 318S

Mt



CODE

R

A

AM 1300
AM 1301
AM 1302
AM 1303
AM 1304
AM 1305
AM 1306
AM 1307

7.0
7.5
8.0
9.0
10.0
11.0
11.5
12.0

11.5
11.5
13.0
16.0
16.0
16.0
19.0
20.0

NOTE

Il codice per ordinare il modello 42CrMo4 nitrurato contiene una "H" (es: AMH 1300).

The code for the version 42CrMo4 nitrided contains an "H" (ex: AMH 1300).

Lunghezze
Lengths
415 mm
835 mm

Mt

CODE

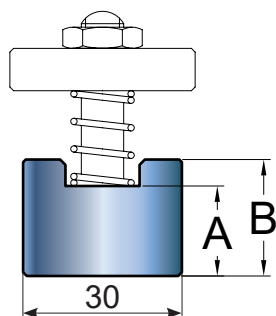
A

B

AM 1325

17

22



Lunghezze
Lengths
415 mm
835 mm

Mt



CODE

R

A

B

AM 1308
AM 1309
AM 1310
AM 1311
AM 1312
AM 1313
AM 1314
AM 1315
AM 1316
AM 1317
AM 1318
AM 1319
AM 1320
AM 1321
AM 1322
AM 1323
AM 1324

12.5
13.0
14.0
15.0
16.0
17.0
17.5
19.0
20.0
22.5
25.0
27.5
30.0
35.0
40.0
45.0
50.0

16.0
17.0
19.0
20.0
21.0
21.5
22.0
25.0
24.0
25.0
29.0
34.0
45.0
45.0
50.0
54.0

21.0
23.0
25.0
27.0
28.0
31.5
32.0
32.0
34.0
33.0
39.0
44.0
55.0
55.0
60.0
64.0

NOTE

Il codice per ordinare il modello 42CrMo4 nitrurato contiene una "H" (es: AMH 1300).

The code for the version 42CrMo4 nitrided contains an "H" (ex: AMH 1300).

Lunghezze
Lengths
415 mm
835 mm



kN/m	Mt	CODE	L	H
1000	■	LVD 5410	150	100
		LVD 5415	50	100
		LVD 5440	150	150
		LVD 5445	50	150

PROLUNGA - EXTENSION

Lunghezza disponibile
Length available
200 mm

TR MDFXH220

kN/m	Mt	H
900	■	220

PROLUNGA - EXTENSION

Lunghezza disponibile
Length available
200 mm

TR MDFXV

kN/m	Mt	H
1000	■	50

PORTA MATRICE - DIE HOLDER

Lunghezza disponibile
Length available
500 mm

TR MDFXVL

kN/m	Mt	H
1000	■	50

PORTA MATRICE - DIE HOLDER

Lunghezza disponibile
Length available
500 mm



TR AM80

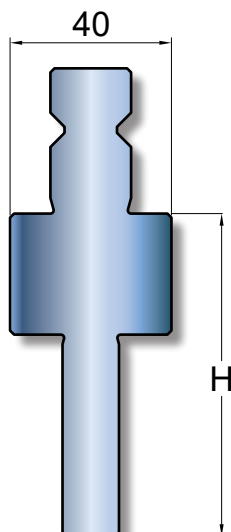
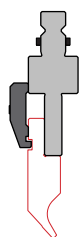
kN/m **Mt**
1000 ■

H
80

WILA / AMADA ADATTATORE
WILA / AMADA ADAPTER

Lunghezza disponibile
Length available
150 mm

Staffe NON incluse
Clamp plates NOT included



TR AM120

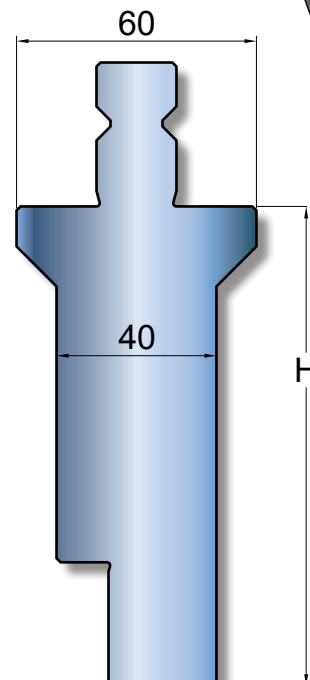
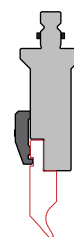
kN/m **Mt**
1000 ■

H
120

WILA / AMADA ADATTATORE
WILA / AMADA ADAPTER

Lunghezza disponibile
Length available
150 mm

Staffe NON incluse
Clamp plates NOT included



TR AM220

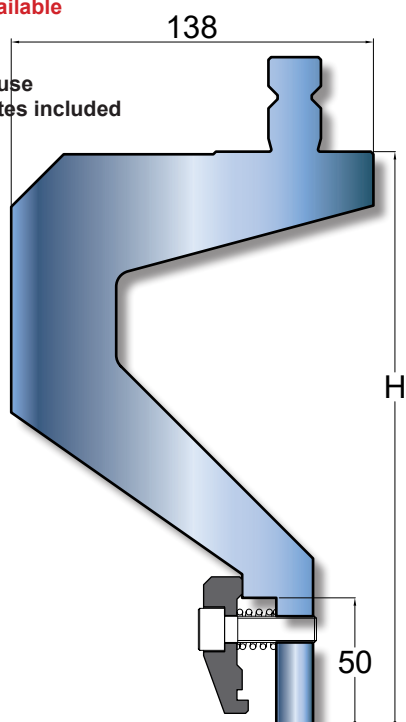
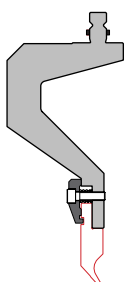
kN/m **Mt**
900 ■

H
220

WILA / AMADA ADATTATORE
WILA / AMADA ADAPTER

Lunghezza disponibile
Length available
200 mm

Staffe incluse
Clamp plates included



TR AMV40

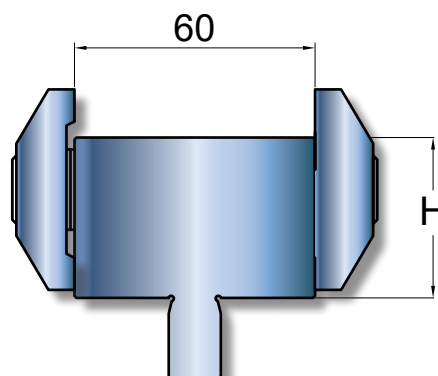
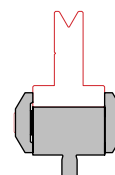
kN/m **Mt**
1000 ■

H
40

WILA / AMADA ADATTATORE
WILA / AMADA ADAPTER

Lunghezza disponibile
Length available
415 mm
835 mm

Staffe incluse
Clamp plates included





TR ZK62

kN/m

1000

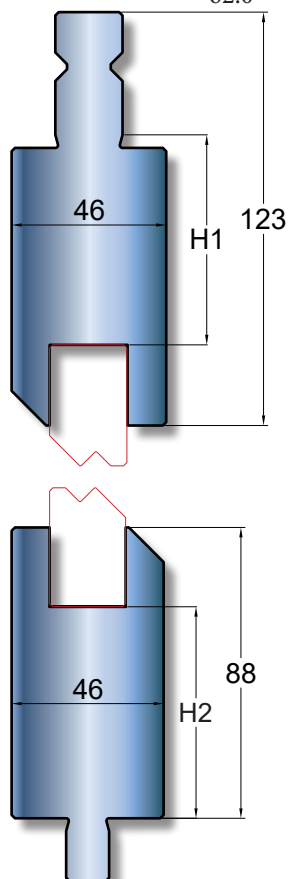
H1

62.0

H2

90.0

Mt


Lunghezze disponibili
Lengths available

415 mm
835 mm

Inserts for TR ZK62

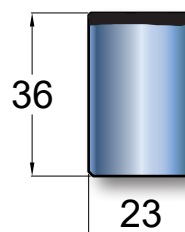
kN/m

1000

Mt

CODE

AM 4500


Lunghezze disponibili
Lengths available

415 mm
835 mm

kN/m

1000

Mt

CODE

AM 4510

Z

1.0

 α

160°

R

0.5

T

1.0

AM 4515

1.5

160°

0.5

1.2

AM 4520

2.0

150°

0.5

1.5

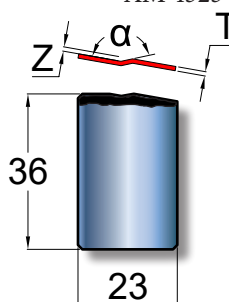
AM 4525

2.5

140°

0.5

1.5


Lunghezze disponibili
Lengths available

415 mm
835 mm

T = Max Spessore
T = Max Thickness

Inserts for TR ZK62

kN/m

1000

Mt

CODE

AM 4585

Z

8.5

 α

90°

R

0.8

T

2.0

AM 4590

9.0

90°

0.8

2.0

AM 4610

10.0

90°

0.8

2.0

AM 4611

11.0

90°

1.0

2.0

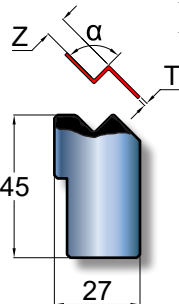
AM 4612

12.0

90°

1.0

2.0


Lunghezze disponibili
Lengths available

415 mm
835 mm

T = Max Spessore
T = Max Thickness

kN/m

1000

Mt

CODE

AM 4613

Z

13.0

 α

90°

R

1.0

T

2.5

AM 4614

14.0

90°

1.0

2.5

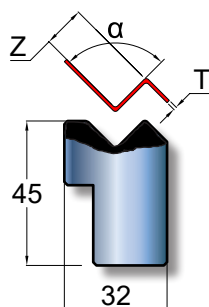
AM 4615

15.0

90°

1.0

3.0


Lunghezze disponibili
Lengths available

415 mm
835 mm

T = Max Spessore
T = Max Thickness

Inserts for TR ZK62

kN/m

1000

Mt

CODE

AM 4511

Z

1.0

 α

90°

R

0.3

T

0.5

AM 4516

1.5

90°

0.3

0.5

AM 4521

2.0

90°

0.5

0.8

AM 4526

2.5

90°

0.5

1.0

AM 4530

3.0

90°

0.5

1.0

AM 4535

3.5

90°

0.5

1.2

AM 4540

4.0

90°

0.5

1.2

AM 4545

4.5

90°

0.5

1.5

AM 4550

5.0

90°

0.5

1.5

AM 4555

5.5

90°

0.5

1.5

AM 4560

6.0

90°

0.5

1.5

AM 4565

6.5

90°

0.5

1.5

AM 4570

7.0

90°

0.5

1.5

AM 4575

7.5

90°

0.5

1.6

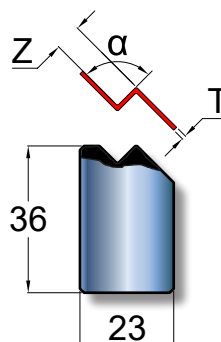
AM 4580

8.0

90°

0.5

1.6


Lunghezze disponibili
Lengths available

415 mm
835 mm

T = Max Spessore
T = Max Thickness



LEGENDA LEGEND

L=Max lunghezza stampi
L=Max length tools

N=N° Max stampi
N=N° Max tools

W=Peso
W=Weight

Altri colori su richiesta

Other colours on request



TR 4652

L	N	W
1100 mm	55	450 Kg



TR 4653

L	N	W
1100 mm	30	300 Kg



Questi modelli di armadi portautensili sono compatibili anche con le linee tipo:

TRUMPF - BYSTRONIC - LVD

These tools cabinets are compatible also with lines:

TRUMPF - BYSTRONIC - LVD



ACCESSORI PER TUTTE LE PRESSE & UTENSILI SPECIALI

ACCESSORIES FOR ALL PRESS BRAKES & SPECIAL TOOLS




LEGENDA
LEGEND


L = Larghezza - Width
S = Spessore pellicola - Film thickness
T = Spessore lamiera (mm) - Metal sheet thickness (mm)

Tabella di piegatura
Bending chart

Code	S	T
AP 4810	0.8	1 - 3 mm
AP 4815	0.3	0.2 - 1 mm
AP 4820	0.5	0.5 - 1.5 mm
AP 4830	0.5	0.5 - 1.5 mm
AP 4835	1.5	2 - 4 mm
AP 4840	0.5	0.5 - 1.5 mm
AP 4845	2.0	3 - 6 mm

BROWN COVER FILM

L 100
S 0.5



Lunghezza
Length
30 m

AP 4810

L 95
S 0.8



Lunghezza
Length
33 m

AP 4815

L 95
S 0.3



Lunghezza
Length
33 m

AP 4820

L 95
S 0.5



Lunghezza
Length
33 m

AP 4830

L 35
S 0.5



Lunghezza
Length
33 m

AP 4835

L 200
S 1.5



Lunghezza
Length
15 m

AP 4840

L 150
S 0.5



Lunghezza
Length
33 m

AP 4845

L 250
S 2



Lunghezza
Length
10 m

TP 4800**Sistema Standard - Standard System****TP 4850****Sistema Magnetico - Magnetic System**

Accessori per tutte le presse / Accessories for all press brakes

AC 4740**Squadra di riferimento magnetica 0° - 90° (sinistra)**

Magnetic squaring arm 0° - 90° (left)

AC 4745**Squadra di riferimento magnetica 0° - 90° (destra)**

Magnetic squaring arm 0° - 90° (right)

AC 4660**Squadra di riferimento standard fissa 90°**

Not adjustable squaring arm 90°

AC 4700**Squadra di riferimento standard orientabile 60° - 120°**

Adjustable squaring arm 60° - 120°

AC 4750**Squadra di riferimento magnetica 30° - 90°**

Magnetic squaring arm 30° - 90°



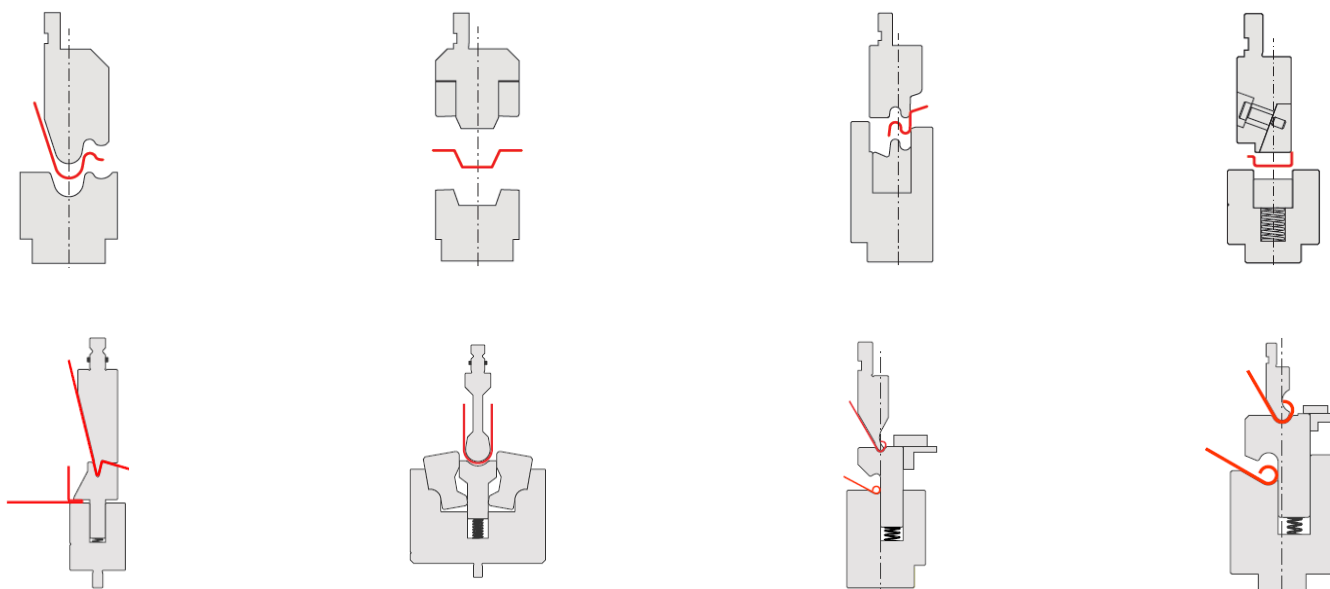


■ LIMIT SRL, GRAZIE AL SUO UFFICIO TECNICO ALTAMENTE SPECIALIZZATO, È IN GRADO DI FORNIRE UTENSILI SPECIALI PER OGNI TIPO DI PRESSA. SUCCESSIVAMENTE AD UN'ATTENTA FASE DI STUDIO DI FATTIBILITÀ E REALIZZAZIONE DEL PROFILO RICHIESTO DAL CLIENTE, VIENE PRODOTTO L'UTENSILE UTILIZZANDO ACCIAI DI QUALITÀ TRATTATI TERMICAMENTE PER GARANTIRE UNA CORRETTA OPERAZIONE DURANTE LA FASE DI LAVORO.

LA DECENNALE ESPERIENZA PERMETTE A LIMIT DI POTER FORNIRE UTENSILI SPECIALI MONOLITICI, STAMPI CON INSERTI REGISTRABILI, STAMPI CON PREMILAMIERA, STAMPI CON INSERTI E PREMILAMIERA, PIEGASCHIACCIA SPECIALI, STAMPI SPECIALI CON CINEMATISMO ED INSERTI BASCULANTI, STAMPI PER CERNIERE DI PICCOLE, MEDIE E GRANDI DIMENSIONI.

INOLTRE, SU RICHIESTA È POSSIBILE LA REALIZZAZIONE DI UTENSILI TIPO:

- AJIAL
- COLLY
- AMERICAN
- HÄMMERLE
- EHT
- NEWTON
- WEINBRENNER



🇬🇧 THANKS TO ITS HIGHLY SPECIALIZED TECHNICAL DEPARTMENT, LIMIT SRL IS ABLE TO PROVIDE SPECIAL TOOLS FOR EVERY TYPE OF PRESS BRAKE. AFTER A CAREFUL PHASE OF FEASIBILITY AND REALIZATION OF THE PROFILE REQUIRED BY THE COSTUMER, THE TOOL IS PRODUCED USING HIGH QUALITY HEAT-TREATED STEELS TO GUARANTEE CORRECT OPERATION DURING THE WORKING PHASE.

THE FOURTY-YEARS EXPERIENCE ALLOWS LIMIT OF BEING ABLE TO SUPPLY MONOLOTHIC SPECIAL TOOLS, SPECIAL TOOLING WITH ADJUSTABLE INSERTS SPECIAL TOOLING WITH COUNTERHOLDER, SPECIAL TOOLING WITH INSERTS AND COUNTERHOLDER, SPECIAL HEMMING TOOLS, SPECIAL TOOLING WITH CAM MECHANISM, SPECIAL HINGE TOOLS OF SMALL, MEDIUM AND BIG SIZE.

FURTHERMORE, ON REQUEST IT IS POSSIBLE TO PROVIDE TOOLS TYPE:

- AJIAL
- COLLY
- AMERICAN
- HÄMMERLE
- EHT
- NEWTON
- WEINBRENNER

... non solo utensili



IL GRUPPO LIMIT SRL INCLUDE AL SUO INTERNO, OLTRE A DIVERSE AZIENDE PRODUTTRICI E RIVENDITRICI DI UTENSILI PER PRESSE PIEGATRICI, UNA SOCIETÀ PRODUTTRICE DI VINO LOCALE: AZIENDA AGRICOLA PALAZZO.

LA PRODUZIONE, (CIRCA 150.000 BOTTIGLIE ALL'ANNO) COMPRENDE I VITIGNI TIPICI DELLE COLLINE PARMENSI MALVASIA DI CANDIA AROMATICA E LAMBRUSCO MAESTRI, MA ANCHE VITIGNI NAZIONALI ED INTERNAZIONALI COME BARBERA, PINOT NERO, CHARDONNAY E TANTI ALTRI. INOLTRE, AL SUO INTERNO POTRETE TROVARE ALTRI PRODOTTI TIPICI DI PARMA AL DETTAGLIO QUALI PROSCIUTTO DI PARMA DOC E PARMIGIANO REGGIANO DOC.

LA STRUTTURA È STATA PROGETTATA PER OSPITARE EVENTI SIA APERTI AL PUBBLICO CHE PRIVATI.

DISCUTERE DI UTENSILI PER PRESSE PIEGATRICI DAVANTI AD UN BICCHIERE DI VINO ACCOMPAGNATO DA PRODOTTI TIPICI DI PARMA, RENDERÀ LA TRATTATIVA PIÙ PIACEVOLE. VI ASPETTIAMO!

WWW.AZIENDAAGRICOLAPALAZZO.COM



... not only tools

THE LIMIT SRL GROUP INCLUDES, IN ATTIDION TO SEVERAL COMPANIES MANUFACTURING AND DEALING PRESS BRAKE TOOLING, A LOCAL WINE PRODUCER COMPANY: AZIENDA AGRICOLA PALAZZO.

THE PRODUCTION (ABOUT 150.000 BOTTLES PER YEAR) INCLUDES THE TYPICAL VINES OF PARMA LIKE MALVASIA DI CANDIA AROMATICA AND LAMBRUSCO MAESTRI BUT ALSO NATIONAL AND INTERNATIONAL VINES SUCH AS BARBERA, PINOT NERO, CHARDONNAY AND MANY OTHERS. IN ADDITION, YOU WILL BE ABLE TO FIND OTHER TYPICAL PARMA PRODUCTS SUCH AS PARMA HAM DOC AND PARMIGIANO REGGIANO DOC.

THE STRUCTURE HAS BEEN DESIGNED TO HOST EVENTS BOTH OPEN TO THE PUBLIC AND PRIVATE EVENTS.

DISCUSSING PRESS BRAKE TOOLING BUSINESS IN FRONT OF A GLASS OF WINE ACCOMPANIED BY TYPICAL PARMA PRODUCTS WILL MAKE THE NEGOTIATION MORE PLEASANT, WE ARE WAITING FOR YOU!



 Limit S.r.l.

 Via Edison Volta 25/A - Parma - IT

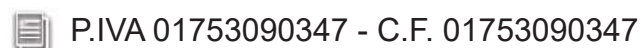
 Tel. +39 0521 989 306 - Fax 0521 989 730

 Info@limitsrl.com

 P.IVA 01753090347 - C.F. 01753090347

NOTE

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

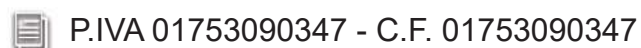
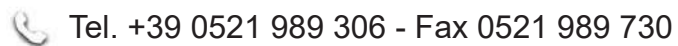
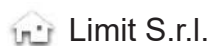


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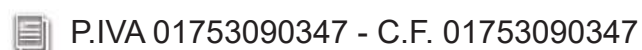
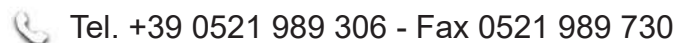
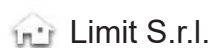


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NOTE

This image shows a full page of blank white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page, providing a guide for writing. There are no margins, text, or other markings on the paper.



NOTE

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



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 Tel. +39 0521 989 306 - Fax 0521 989 730



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LIMIT



Via Edison Volta, 25/A
4125 Parma - ITALIA

Tel +39 0521 989306 - Fax +39 0521 989730
www.limitsrl.com - info@limitsrl.com