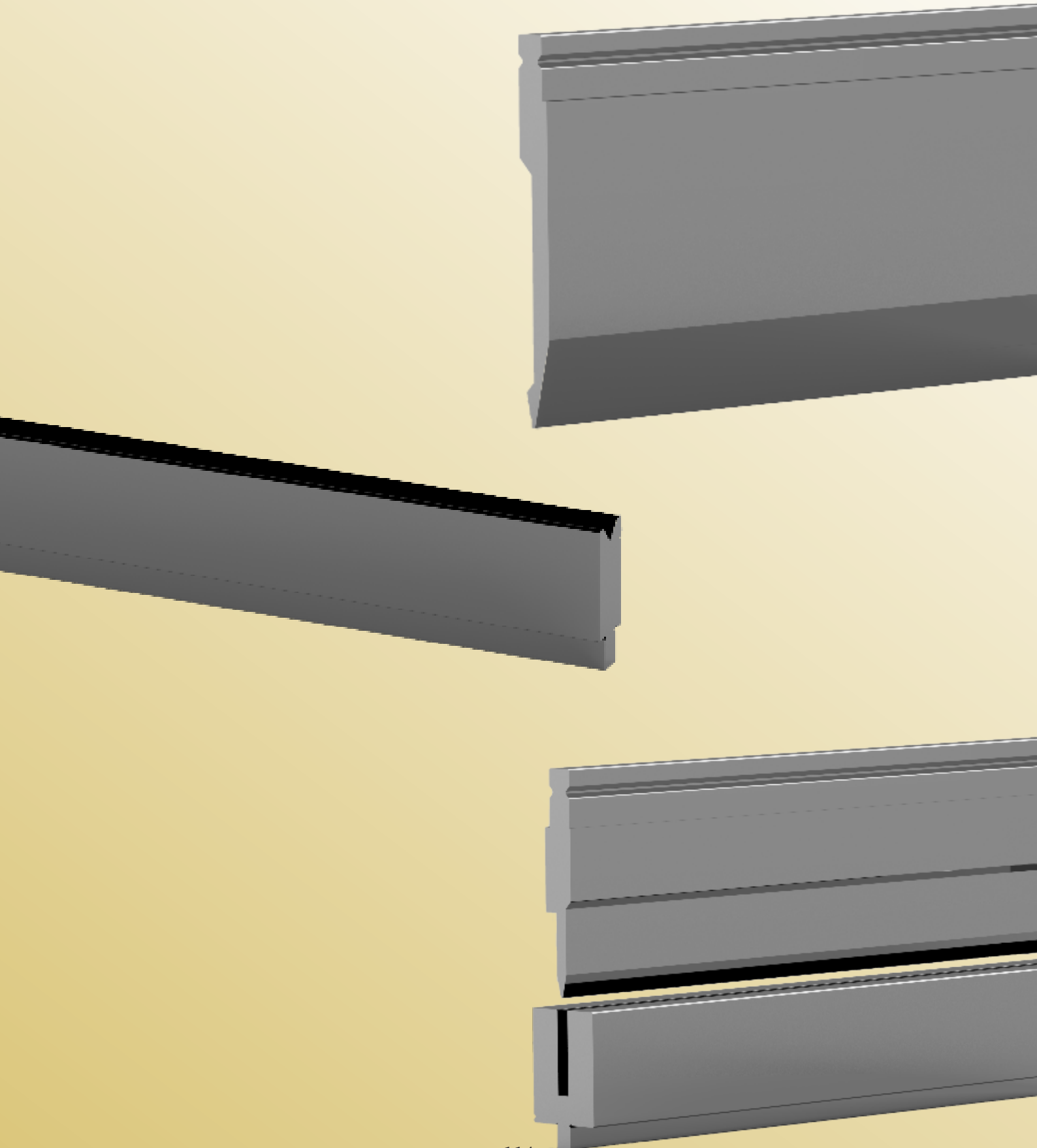
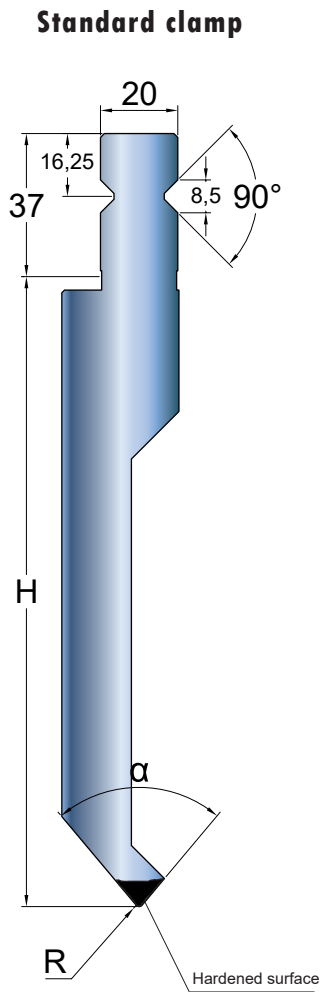


WILA STYLE

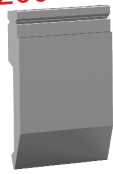




Standardowe długości - Standard Lengths



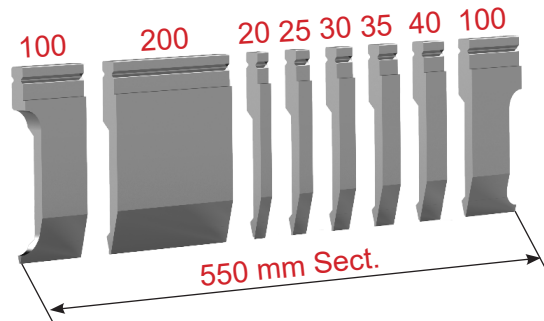
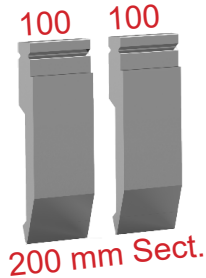
200 mm



255 mm

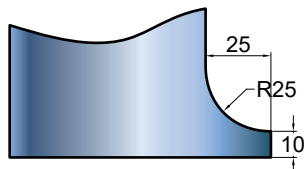


515 mm



Horns available separately

Standard Horn



Max. obciążenie krawędzi wynosi 50% maksymalnego obciążenia stempla.
The horns' max load is 50% of the max load of the punch.

Typ mocowania - Clamping Type

WAGA / WEIGHT
>12,5 Kg



WAGA / WEIGHT
≤12,5 Kg



Mocowanie za pomocą **sworzni** do bocznego montażu i demontażu narzędzi

Zacisk z **bezpiecznym zatrzaskiem** do przedniego montażu i demontażu narzędzi

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

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

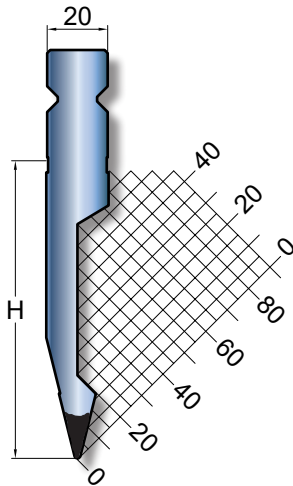
UWAGA / NOTE

W obu przypadkach dostępne części zamienne
In both cases, spare parts available



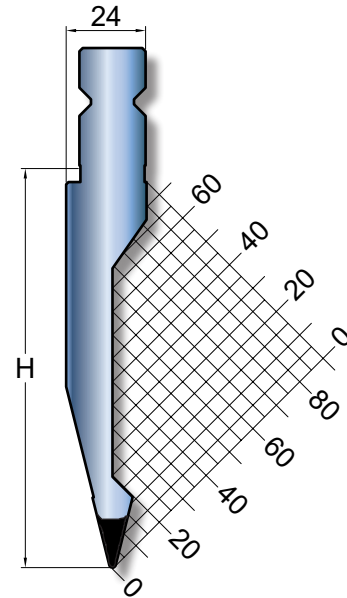
FTP 001

kN/m	α	Mt	R	H
1000	28°	■	1.00	98



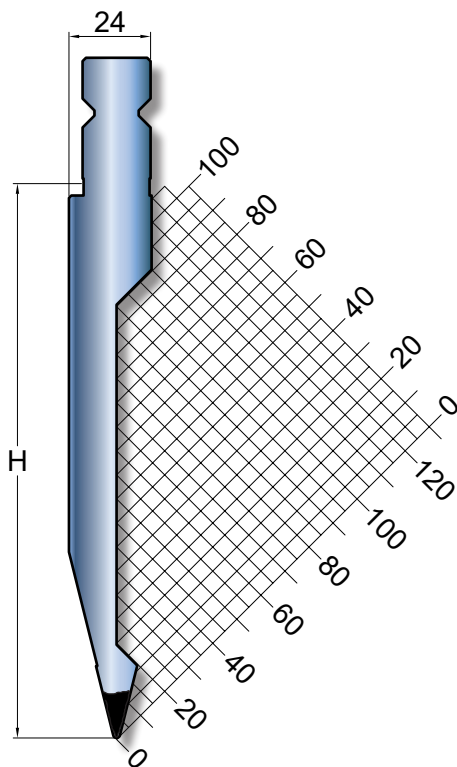
FTP 011

kN/m	α	Mt	R	H
1000	28°	■	1.00	120



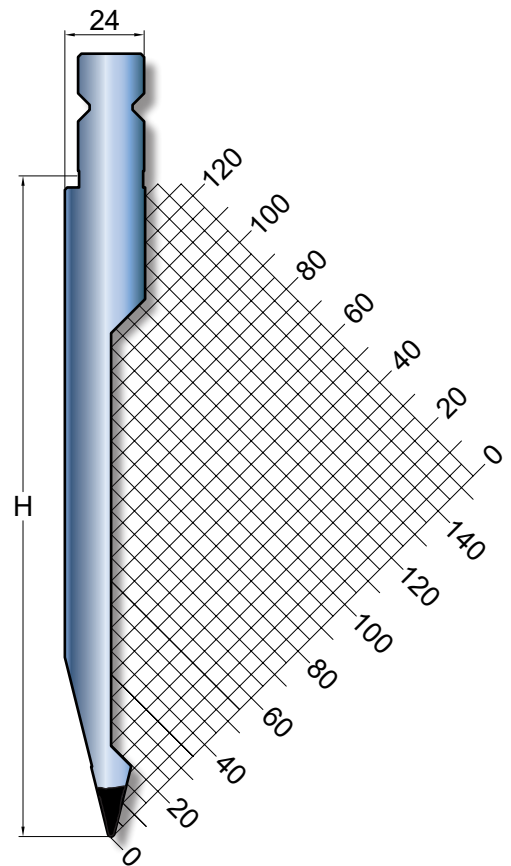
FTP 021

kN/m	α	Mt	R	H
700	28°	■	1.00	163



FTP 031

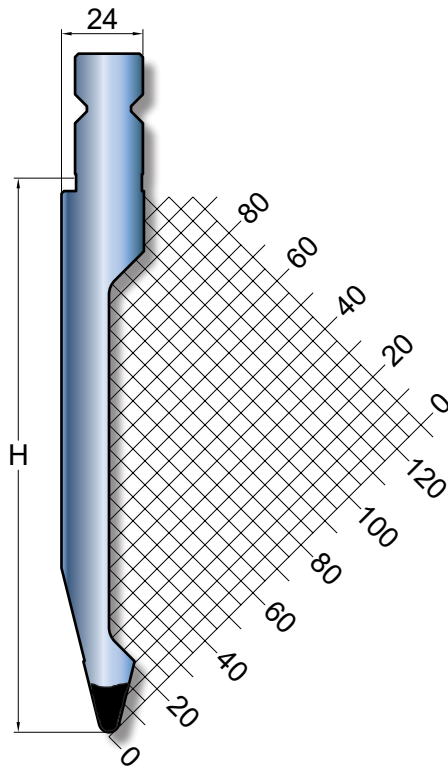
kN/m	α	Mt	R	H
600	28°	■	1.00	200





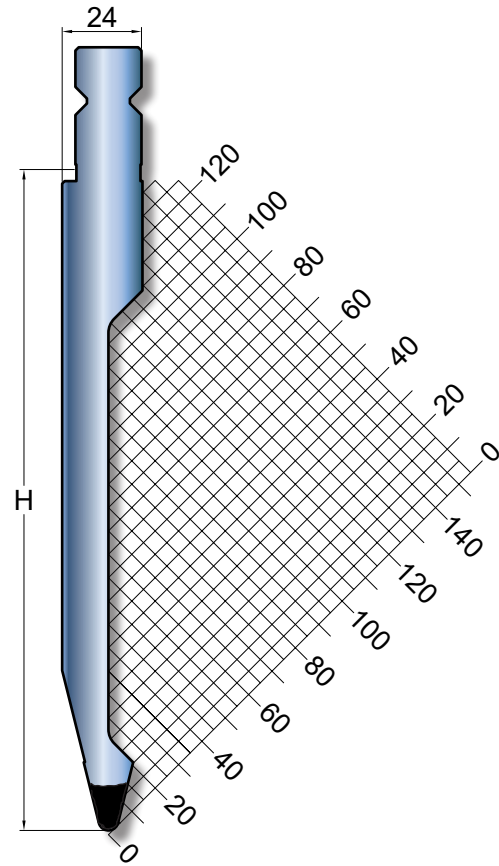
FTP 221

kN/m	α	Mt	R	H
1000	28°	■	3.00	163



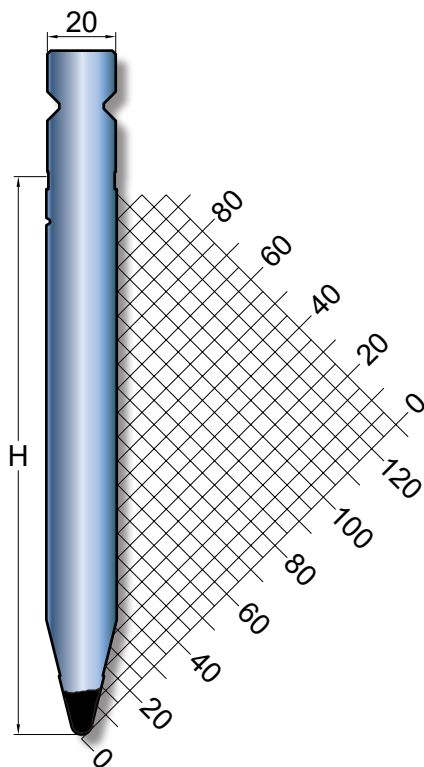
FTP 231

kN/m	α	Mt	R	H
1000	28°	■	3.00	200



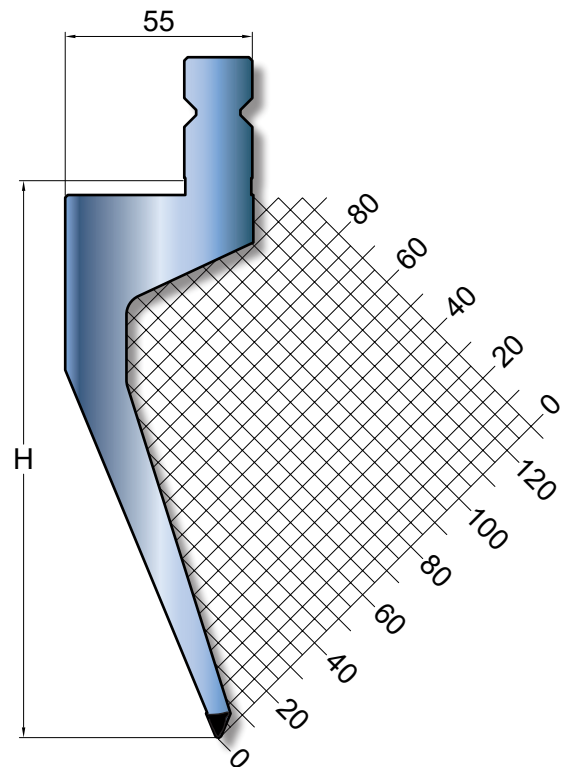
FTP 029

kN/m	α	Mt	R	H
1600	28°	■	3.00	163



FTP 226

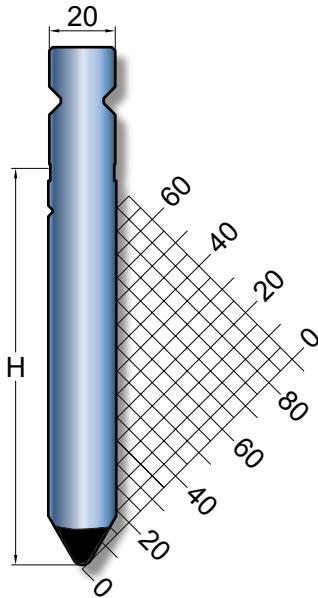
kN/m	α	Mt	R	H
400	45°	■	1.00	163



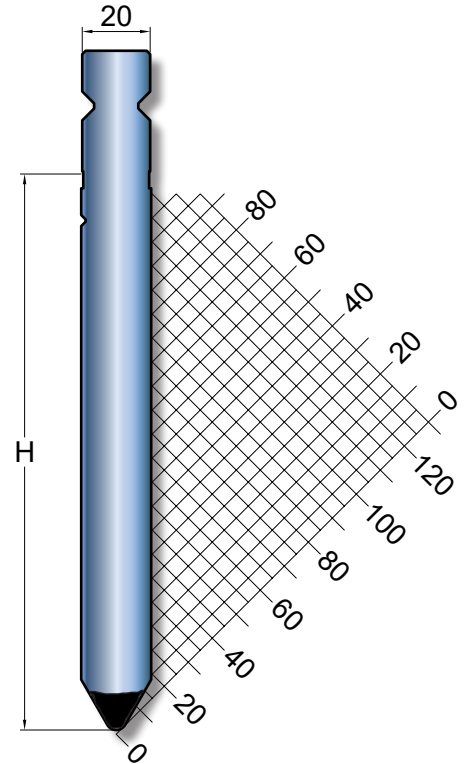


FTP 014

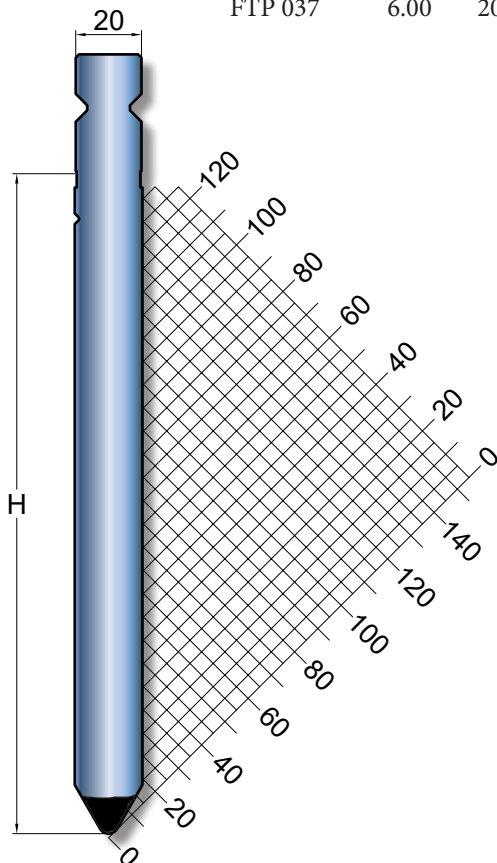
kN/m	α	Mt	R	H
1600	60°	■	3.00	120



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



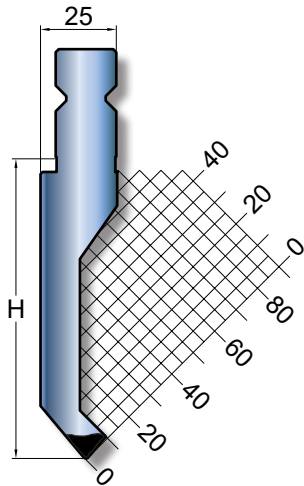
kN/m	α	Mt	KOD	R	H
1600	60°	■	FTP 034	3.00	200
			FTP 037	6.00	200





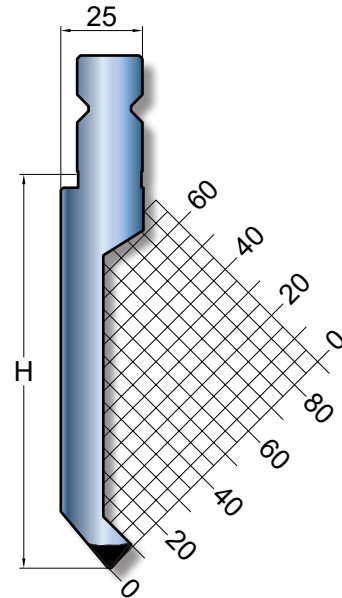
FTP 002

kN/m	α	Mt	R	H
1000	80°	■	1.00	98



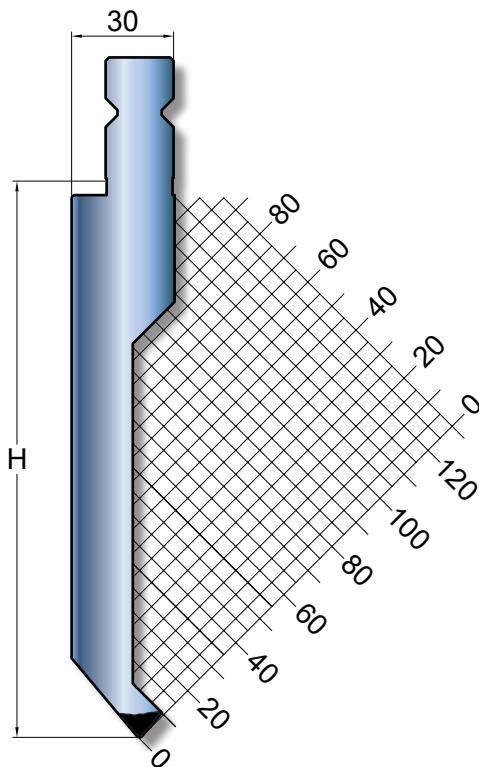
FTP 012

kN/m	α	Mt	R	H
1000	80°	■	1.00	120



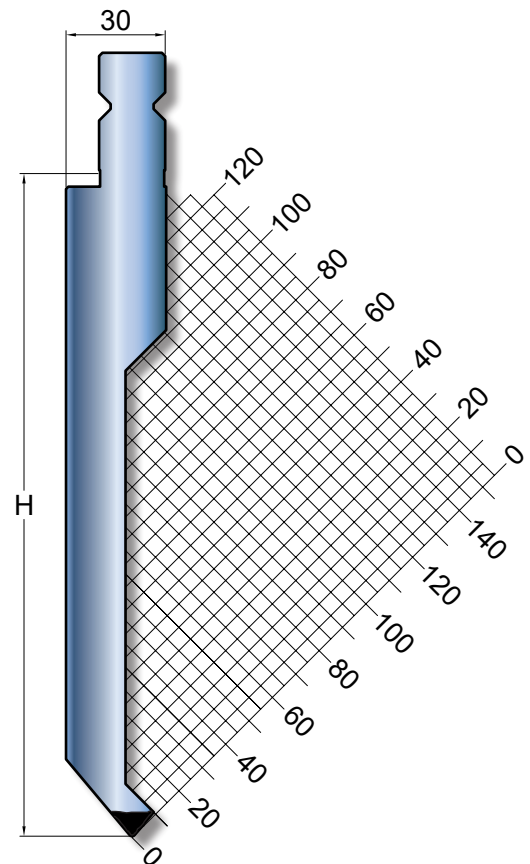
FTP 022

kN/m	α	Mt	R	H
800	80°	■	1.00	163



FTP 032

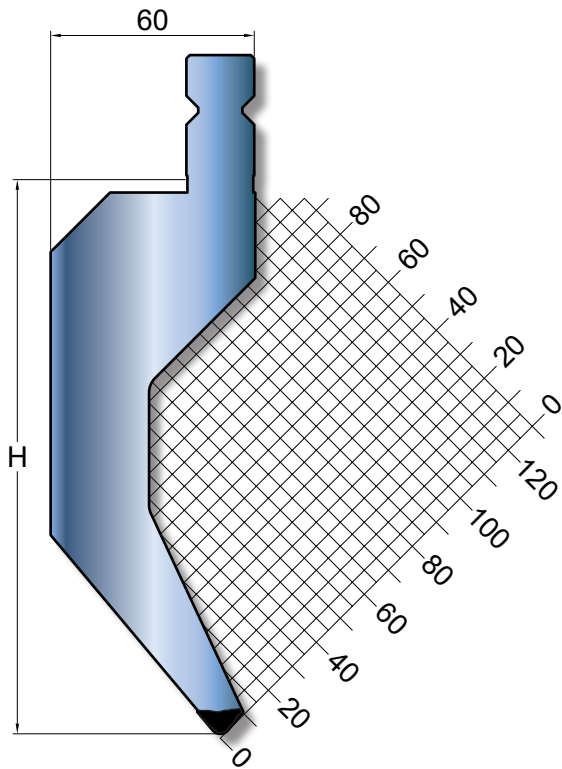
kN/m	α	Mt	R	H
800	80°	■	1.00	200





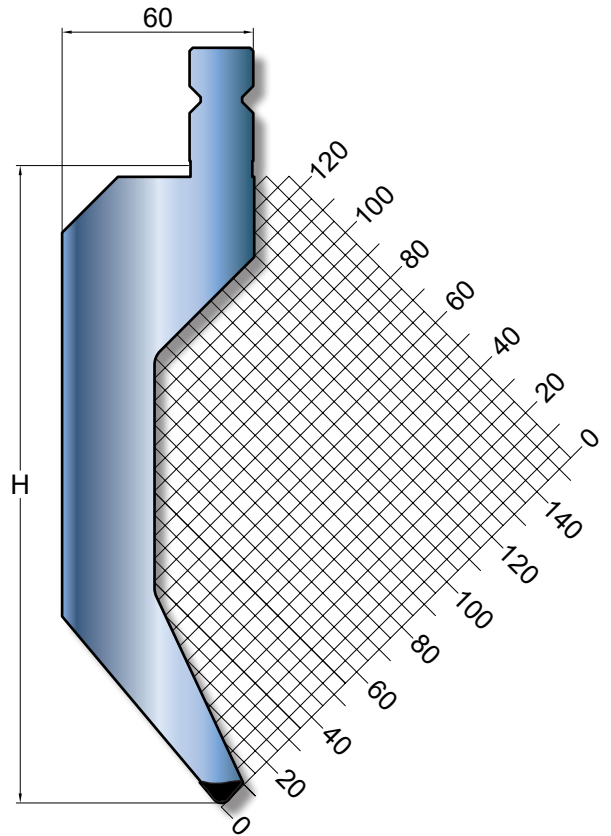
FTP 225

kN/m	α	Mt	R	H
900	80°	■	3.00	163



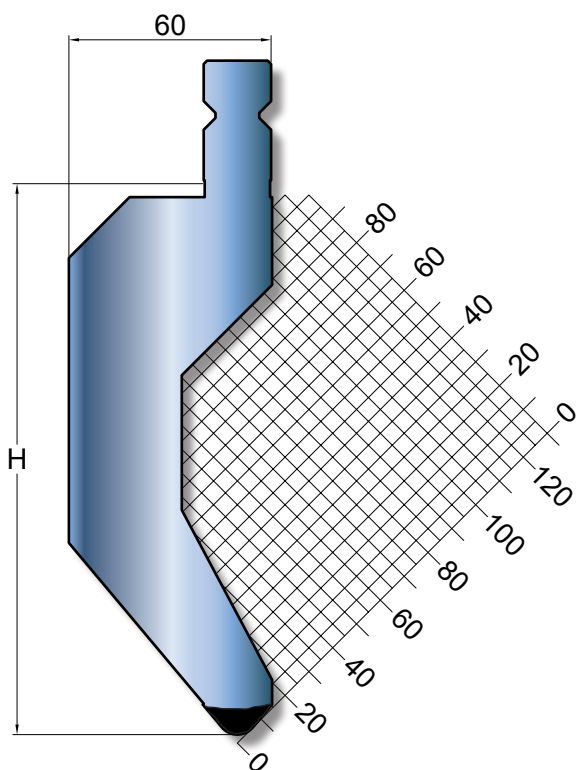
FTP 233

kN/m	α	Mt	R	H
900	80°	■	3.00	200



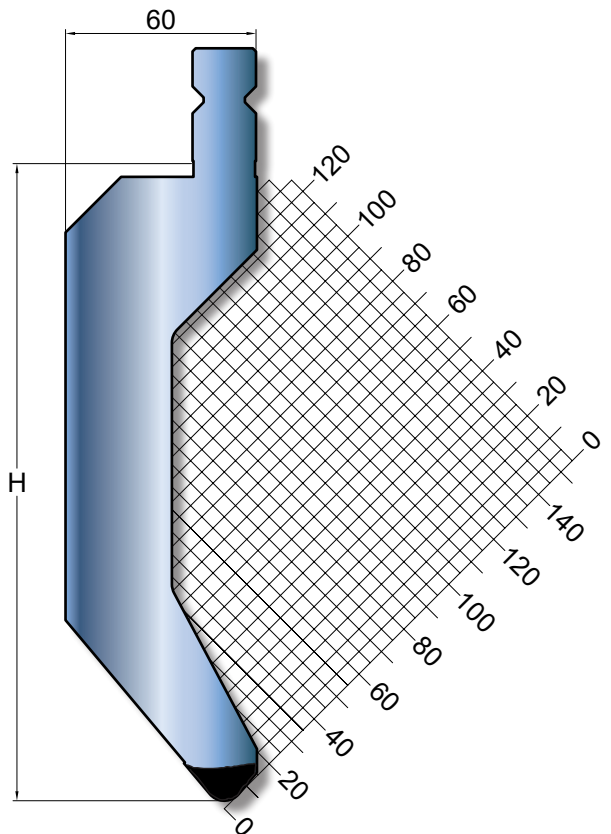
FTP 025

kN/m	α	Mt	R	H
1300	80°	■	6.00	163



FTP 235

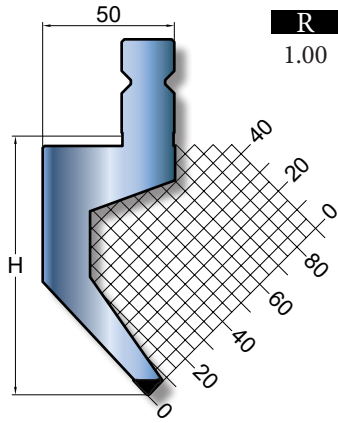
kN/m	α	Mt	R	H
1300	80°	■	6.00	200





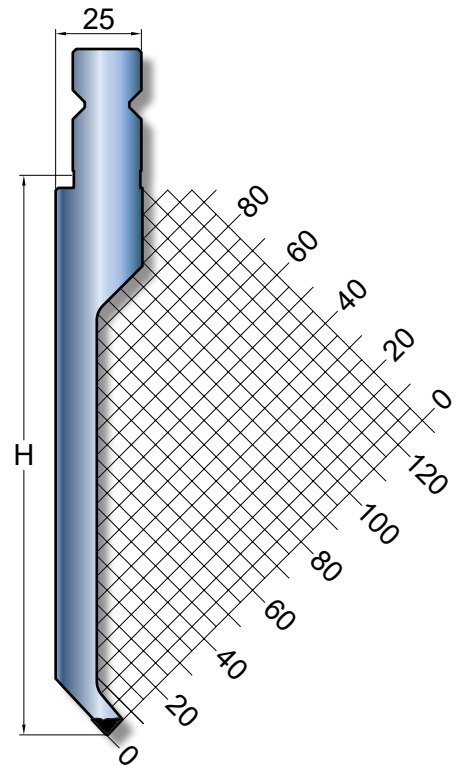
FTP 003

kN/m	α	Mt	R	H
650	86°	■	1.00	98



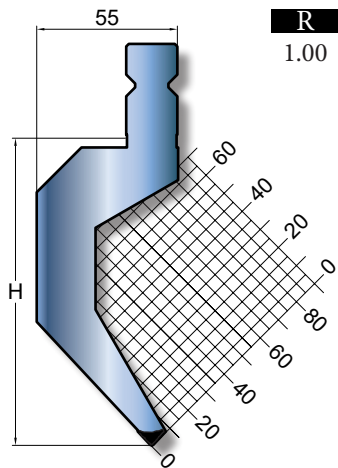
FTP 224

kN/m	α	Mt	R	H
450	86°	■	0.60	163



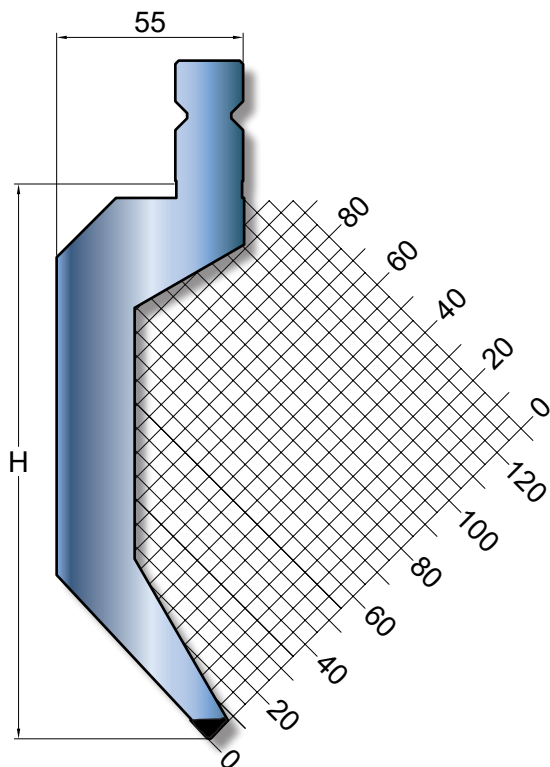
FTP 013

kN/m	α	Mt	R	H
650	86°	■	1.00	120



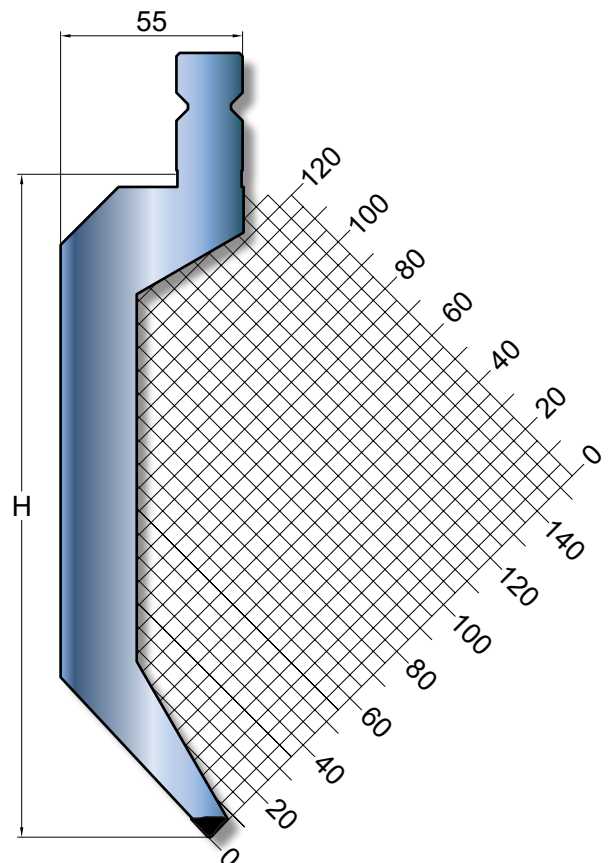
FTP 023

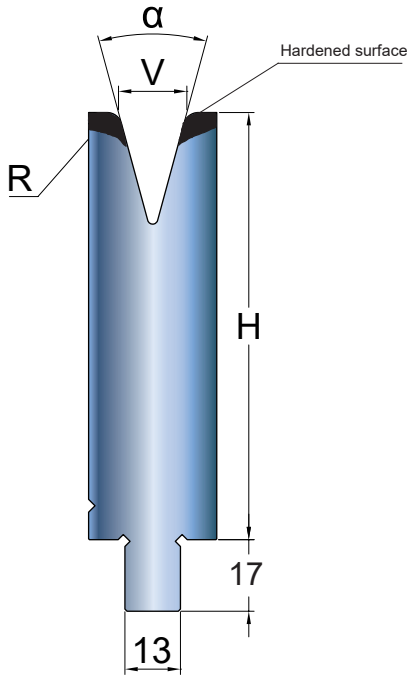
kN/m	α	Mt	R	H
650	86°	■	1.00	163



FTP 033

kN/m	α	Mt	R	H
500	86°	■	1.00	200



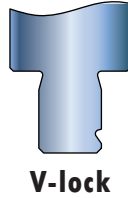


Standard clamp

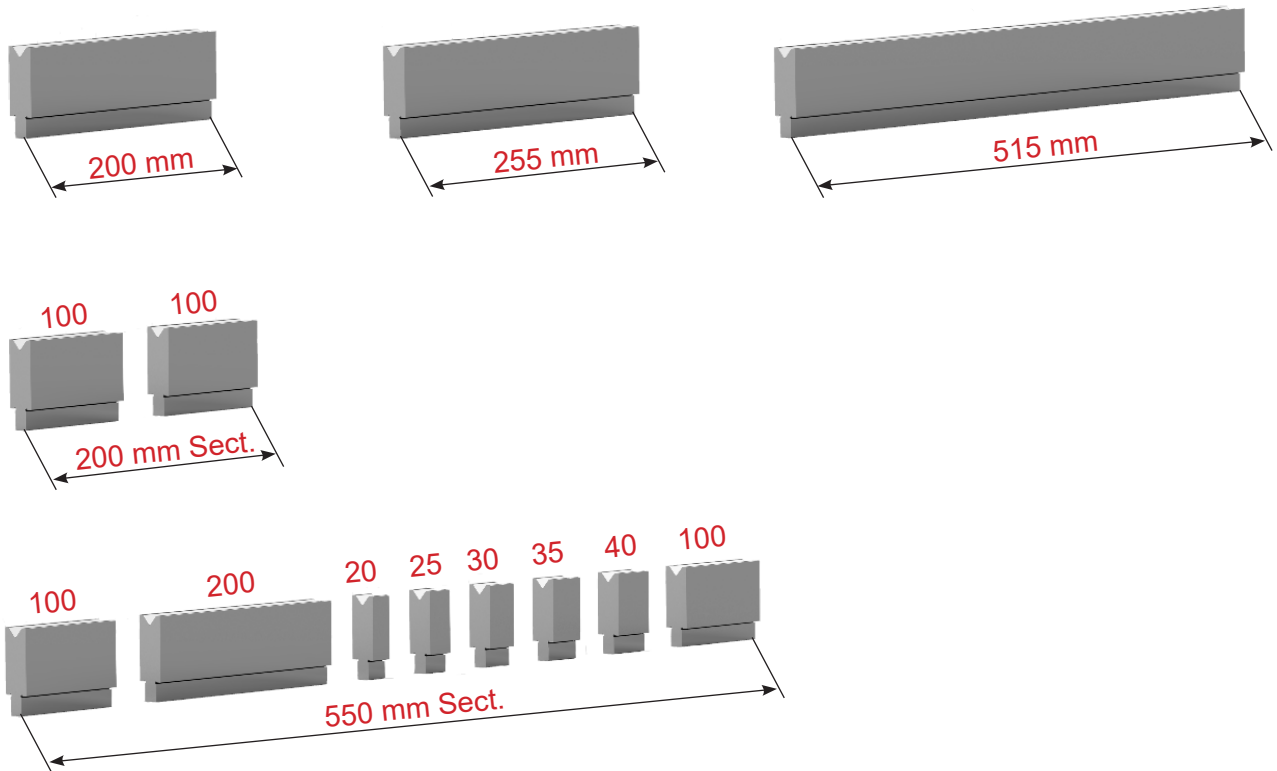
UWAGA / NOTE

Na życzenie możemy wykonać mocowanie matryc z nowym systemem "V-lock".

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

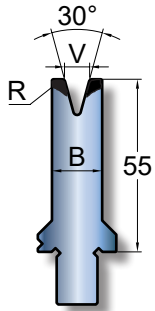


Standardowe długości - Standard Lengths



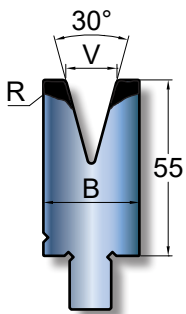


30° H=55



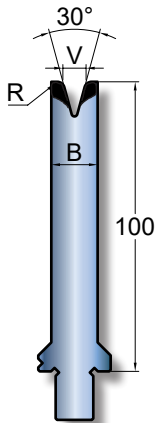
KOD	V	R	B	kN/m	Mt
FLD 061	6	1.00	16	800	■
FLD 051	8	1.00	16	800	■
FLD 062	10	1.00	20	800	■
FLD 052	12	1.00	20	800	■

30° H=55



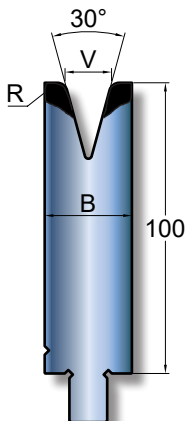
KOD	V	R	B	kN/m	Mt
FLD 053	16	1.50	30	800	■
FLD 063	20	2.00	35	800	■
FLD 054	24	2.50	40	800	■

30° H=100



KOD	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	■

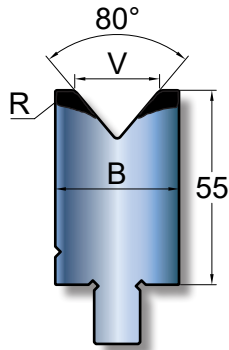
30° H=100



KOD	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	■



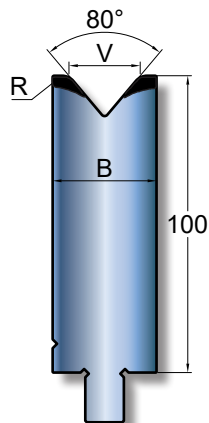
80° H=55



KOD	V	R	B	kN/m	Mt
FLD 013	24	2.50	35	1250	■
FLD 014	30	3.00	40	1250	■
FLD 015	40	4.00	50	1250	■
FLD 035	50	5.00	75	1500	■
FLD 017	80	8.00	100	1500	■
FLD 018	100	10.00	125	1500	■

Per *FLD 017 - FLD 018* **NIE** są dostępne w standardzie:
 For *FLD 017 FLD 018* **NOT** available as standard:
 200 mm - 550 mm Sect.

80° H=100



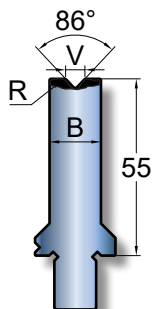
KOD	V	R	B	kN/m	Mt
FLD 313	24	5.00	35	1250	■
FLD 324	30	6.00	40	1250	■
FLD 325	40	8.00	55	1250	■
FLD 326	50	10.00	65	1500	■
FLD 317	80	16.00	105	1500	■
FLD 318	100	20.00	130	1500	■

Per *FLD 317 - FLD 318* **NIE** są dostępne w standardzie:
 For *FLD 317 FLD 318* **NOT** available as standard:
 200 mm - 550 mm Sect.



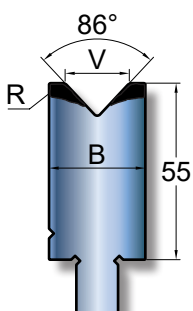


86° H=55



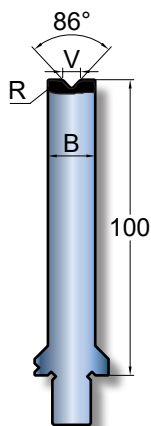
KOD	V	R	B	kN/m	Mt
FLD 024	4	0.50	10	450	■
FLD 021	6	1.00	16	1200	■
FLD 010	8	1.00	16	1200	■
FLD 022	10	1.00	20	1200	■
FLD 011	12	1.00	20	1200	■

86° H=55



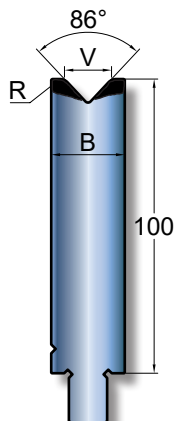
KOD	V	R	B	kN/m	Mt
FLD 012	16	1.50	25	1200	■
FLD 023	20	2.00	30	1200	■

86° H=100



KOD	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



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



WKŁADKI I UCHWYTY NYLONOWE

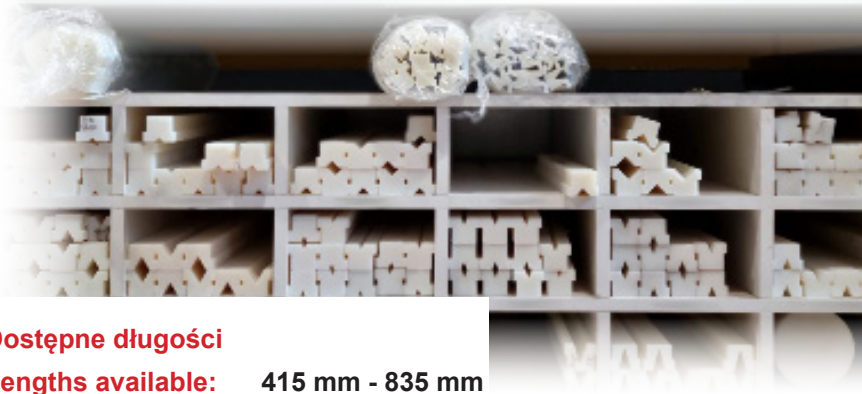
ZALETY:

- Pozwalają uniknąć śladów podczas gięcia
- Zalecane do gięcia aluminium, stali nierdzewnej i powierzchni lakierowanych.
- Szybka i łatwa wymiana.

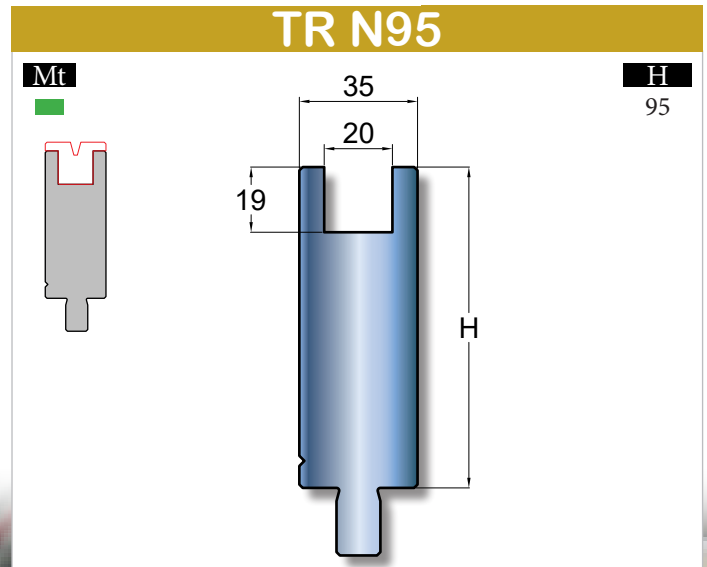
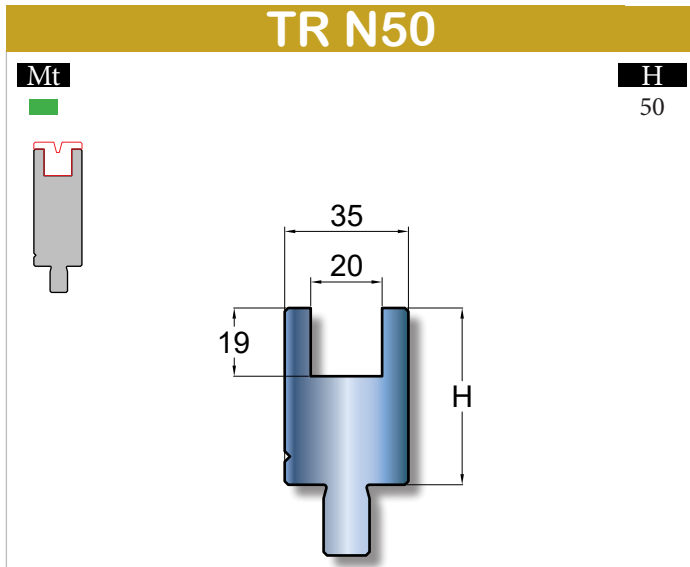
NYLON INSERTS AND HOLDERS

ADVANTAGES

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

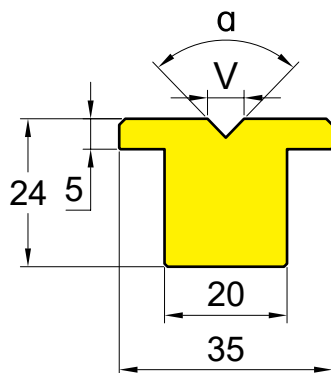


Dostępne długości
Lengths available: 415 mm - 835 mm



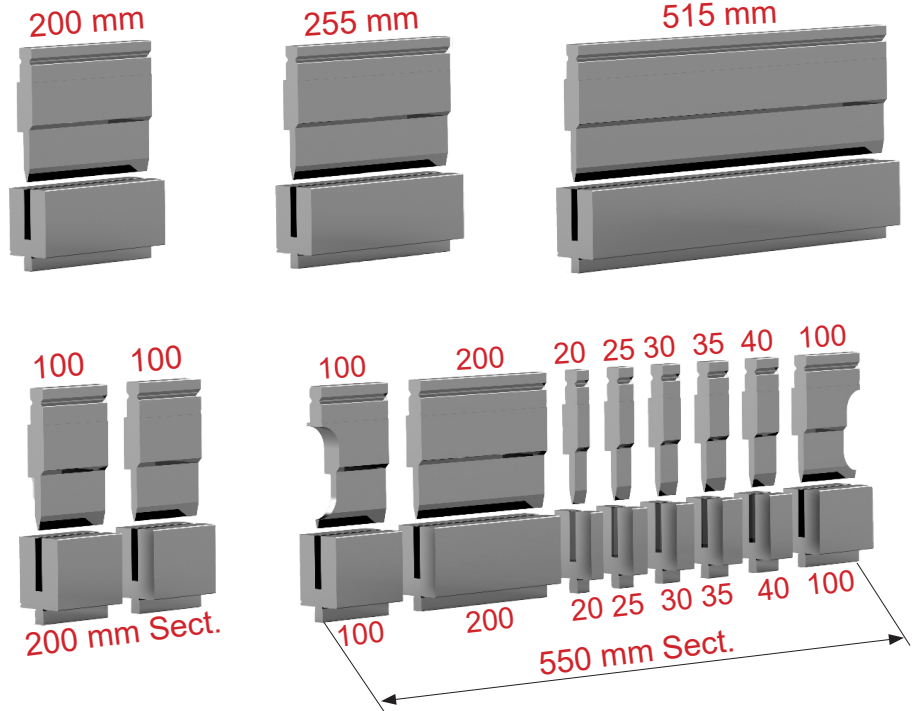
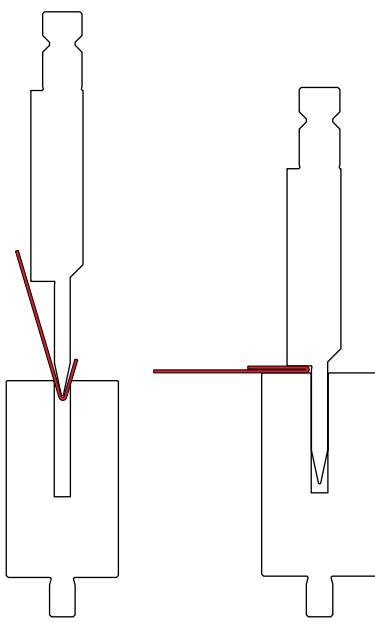
Inserts for TR N50 - TR N95

kN/m	KOD	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

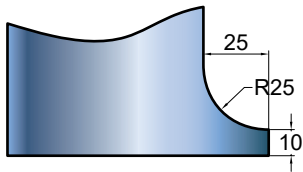




Standardowe długości - Standard Lengths



Standard Horn



Horns available separately

Max. obciążenie krawędzi wynosi 50% maksymalnego obciążenia stempla.
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

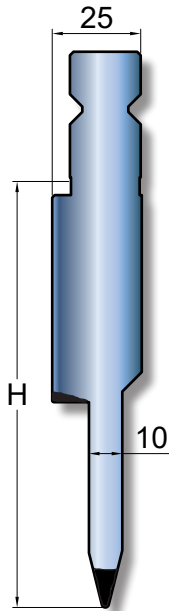
$\sigma \approx 700 \text{ N/mm}^2$

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



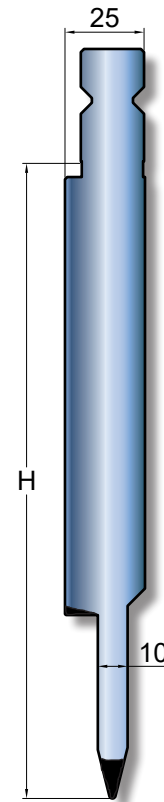
FTP 051

kN/m	α	Mt	R	H
1000	28°	■	1.00	120



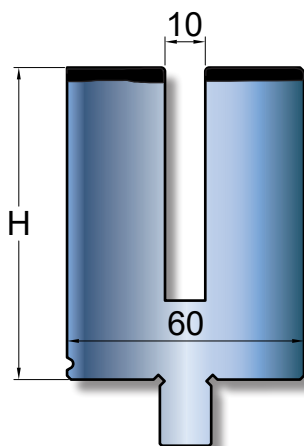
FTP 053

kN/m	α	Mt	R	H
1000	28°	■	1.00	200



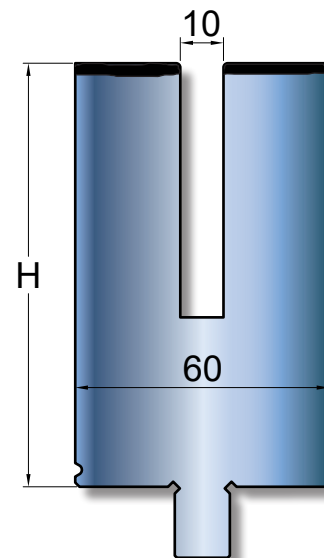
FLD 083

kN/m	Mt	V	R	H
1000	■	10	1.00	79



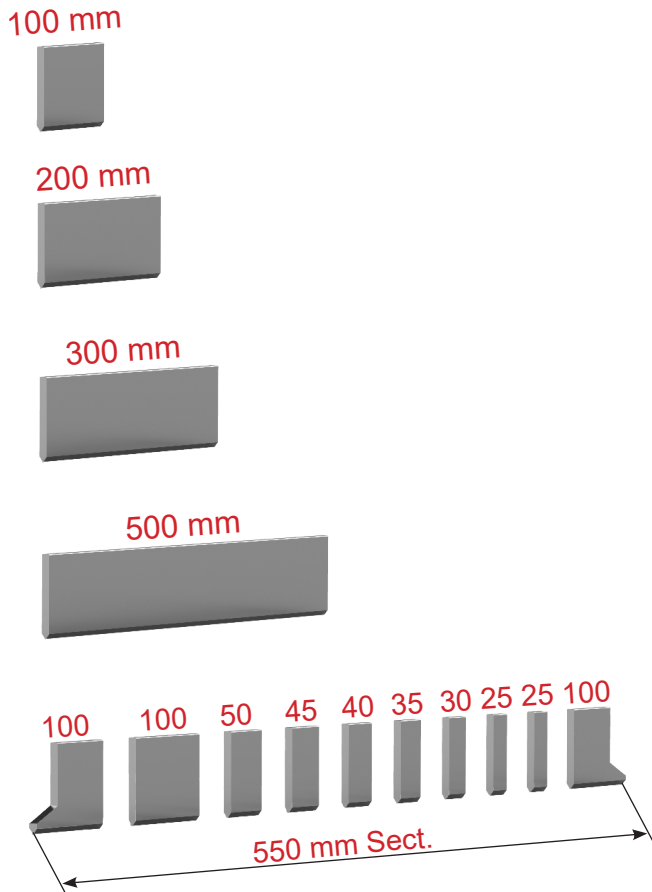
FLD 381

kN/m	Mt	V	R	H
1000	■	10	1.00	100





Standardowe długości - Standard Lengths

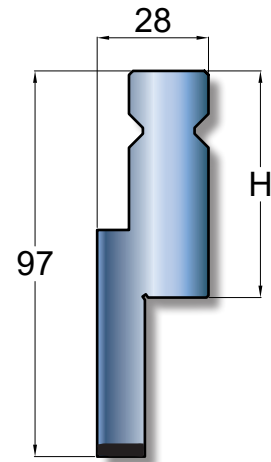
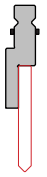


TR K57

kN/m 1000 Mt ■

H 57

Dostępne długości
Lengths available
100 mm
200 mm
300 mm
500 mm
550 mm sect.

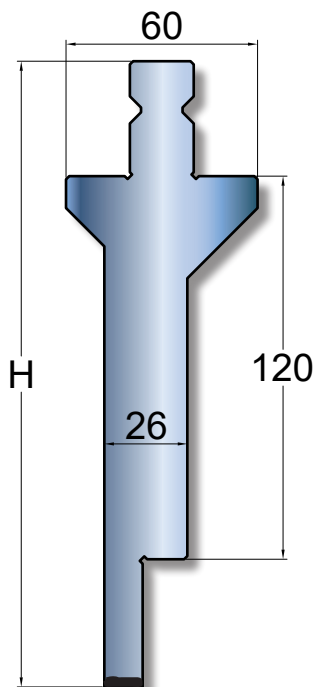
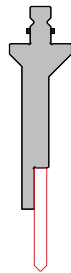


TR K120

kN/m 1000 Mt ■

H 196.0

Dostępne długości
Lengths available
100 mm
200 mm
300 mm
500 mm
550 mm sect.

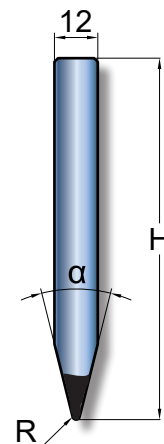


Blades for TR K57 - TR K120

kN/m	KOD	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	■

Dostępne długości
Lengths available
100 mm
200 mm
300 mm
500 mm
550 mm Sect.

Rogi w zestawie
Horns included





FTP 004

kN/m 1600	H 88	Mt ■
---------------------	----------------	---

Dostępne długości
Lengths available
515 mm

FTP 024

kN/m 1600	H 163	Mt ■
---------------------	-----------------	---

Dostępne długości
Lengths available
515 mm

FTP 124

kN/m 2500	H 163	Mt ■
---------------------	-----------------	---

Dostępne długości
Lengths available
515 mm

Rounds for FTP 004 - FTP 024 - FTP 124

kN/m	Mt	KOD	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

UWAGA / NOTE
Kod dla wersji 42CrMo4 zawiera literę "H" (np. FLRH 070).

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

Długość Lengths
515 mm

kN/m	Mt	KOD	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

UWAGA / NOTE
Kod dla wersji 42CrMo4 zawiera literę "H" (np. FLRH 125).

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

Długość Lengths
515 mm

kN/m	Mt	KOD	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

UWAGA / NOTE
Kod dla wersji 42CrMo4 zawiera literę "H" (np. FLRH 250).

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

Długość Lengths
515 mm

kN/m	Mt	KOD	B	A
1000	■	FLR 900	22	17
1000	■			

UWAGA / NOTE
Kod dla wersji 42CrMo4 zawiera literę "H" (np. FLRH 900).

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

Długość Lengths
515 mm



TR 314K

kN/m 800	H Mt 160 ■	
--------------------	--	--

Dostępne długości
Lengths available
412 mm
830 mm

TR 316K

kN/m 800	H Mt 103 ■	
--------------------	--	--

Dostępne długości
Lengths available
412 mm
830 mm

TR 318S

kN/m 800	H Mt 220 ■	
--------------------	--	--

Dostępne długości
Lengths available
412 mm
830 mm

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

Mt		KOD	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

UWAGA / NOTE

Kod dla wersji 42CrMo4 zawiera literę "H" (np. AMH 1300).

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

Długość
Lengths
415 mm
835 mm

Mt		KOD	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	

UWAGA / NOTE

Kod dla wersji 42CrMo4 zawiera literę "H" (np. AMH 1300).

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

Długość
Lengths
415 mm
835 mm

Mt		KOD	A	B
■		AM 1325	17	22

Długość
Lengths
415 mm
835 mm



kN/m	Mt	KOD	L	H
1000	■	LVD 5410	150	100
PRZEDŁUŻENIE - EXTENSION		LVD 5415	50	100
		LVD 5440	150	150
		LVD 5445	50	150

TR MDFXH220

kN/m	Mt	H
900	■	220

PRZEDŁUŻENIE - EXTENSION

Dostępne długości
Length available
200 mm

TR MDFXV

kN/m	Mt	H
1000	■	50

UCHWYT MATRYCY - DIE HOLDER

Dostępne długości
Length available
500 mm

TR MDFXVL

kN/m	Mt	H
1000	■	50

UCHWYT MATRYCY - DIE HOLDER

Dostępne długości
Length available
500 mm



TR AM80

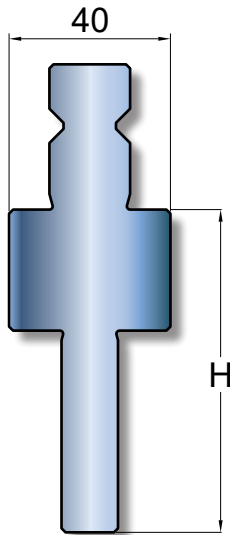
kN/m **Mt**
1000 ■

H
80

WILA / AMADA ADATTATORE
WILA / AMADA ADAPTER

Dostępne długości
Length available
150 mm

NIE ZAWIERA docisków!
Clamp plates NOT included



TR AM120

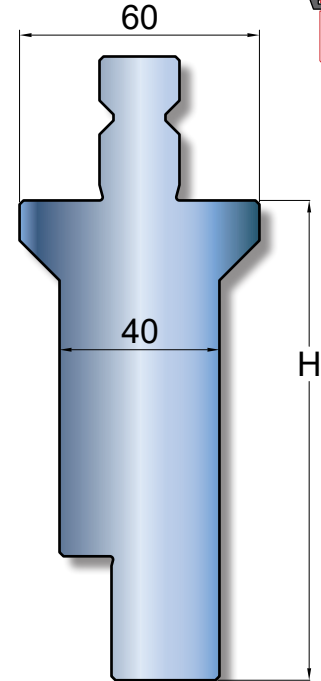
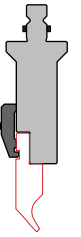
kN/m **Mt**
1000 ■

H
120

WILA / AMADA ADATTATORE
WILA / AMADA ADAPTER

Dostępne długości
Length available
150 mm

NIE ZAWIERA docisków!
Clamp plates NOT included



TR AM220

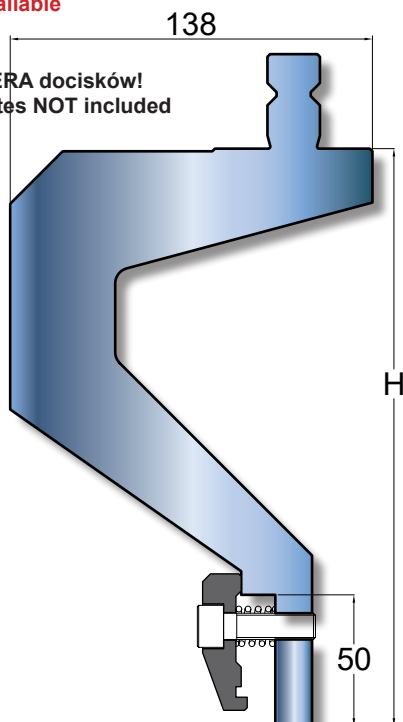
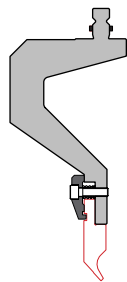
kN/m **Mt**
900 ■

H
220

WILA / AMADA ADATTATORE
WILA / AMADA ADAPTER

Dostępne długości
Length available
200 mm

NIE ZAWIERA docisków!
Clamp plates NOT included



TR AMV40

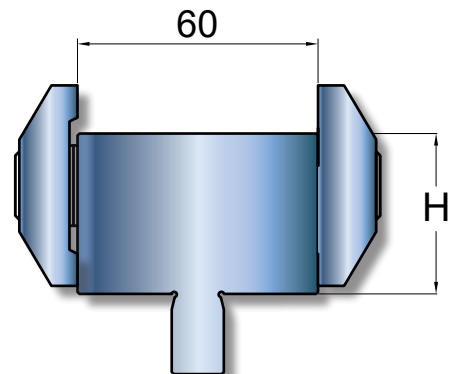
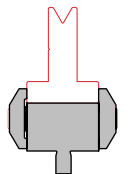
kN/m **Mt**
1000 ■

H
40

WILA / AMADA ADATTATORE
WILA / AMADA ADAPTER

Dostępne długości
Length available
415 mm
835 mm

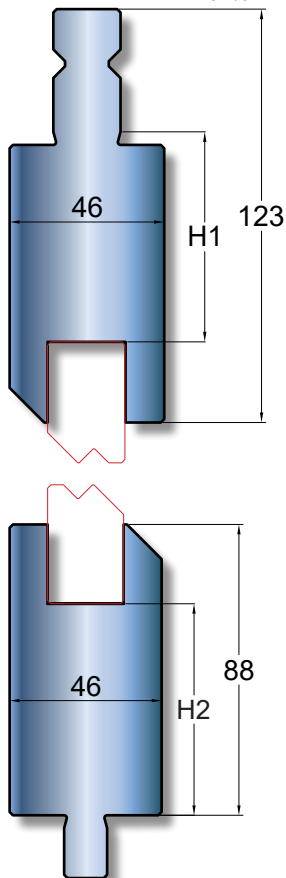
NIE ZAWIERA docisków!
Clamp plates NOT included





TR ZK62

kN/m	H1	H2	Mt
1000	62.0	90.0	■

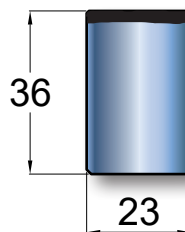


Dostępne długości
Lengths available

415 mm
835 mm

Inserts for TR ZK62

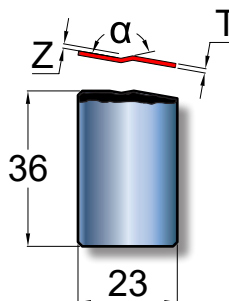
kN/m	Mt	KOD
1000	■	AM 4500



Dostępne długości
Lengths available

415 mm
835 mm

kN/m	Mt	KOD	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



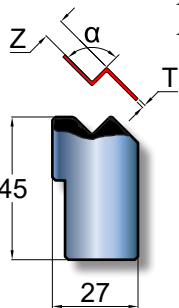
Dostępne długości
Lengths available

415 mm
835 mm

T = Max Grubość
T = Max Thickness

Inserts for TR ZK62

kN/m	Mt	KOD	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

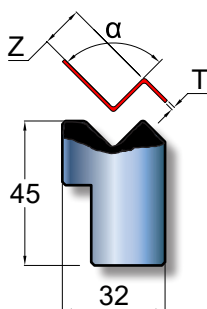


Dostępne długości
Lengths available

415 mm
835 mm

T = Max Grubość
T = Max Thickness

kN/m	Mt	KOD	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



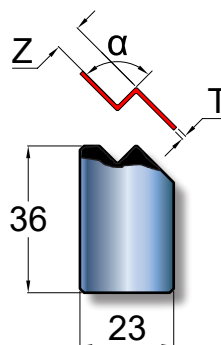
Dostępne długości
Lengths available

415 mm
835 mm

T = Max Grubość
T = Max Thickness

Inserts for TR ZK62

kN/m	Mt	KOD	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



Dostępne długości
Lengths available

415 mm
835 mm

T = Max Grubość
T = Max Thickness



**LEGENDA
LEGEND**

**L=Max długość stempla
L=Max length tools**

**N=N° Max pojemność
N=N° Max tools**

**W= Waga
W= Weight**

**Inne kolory na
zamówienie
Other colours on
request**



TR 4652

L	N	W
1100 mm	55	450 Kg



TR 4653

L	N	W
1100 mm	30	300 Kg



**Szafki na narzędzia są kompatybilne również z liniami:
TRUMPF - BYSTRONIC - LVD**

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

