

# *Toolspress*

*high quality tooling systems*



**tools  press**

**TRUMPF STYLE**

**Press Brake Tooling**

[www.toolspress.com](http://www.toolspress.com)

# toolspress

## Spirito d'Innovazione

Toolspress è leader mondiale nella progettazione e produzione di utensili e sistemi di bloccaggio di alta qualità, per presse piegatrici. Realizziamo prodotti all'avanguardia ed innovativi, sfruttando 30 anni di esperienza ed un ampio programma di produzione, con più di mille modelli standard, che ci permettono di valutare e risolvere le problematiche proposteci, ottimizzando i vostri sistemi di piegatura.

Toolspress è composta da Quattro importanti divisioni:

- Utensili Standard di Alta Precisione per Presse Piegatrici
- Utensili Speciali di Alta Precisione per Presse Piegatrici
  - Sistemi di Bloccaggio per Presse Piegatrici
  - Soluzioni Industriali per Presse Piegatrici
  - Lame da cesoia

Queste quattro divisioni sono indipendenti e utilizzano le tecnologie più avanzate disponibili nel mercato mondiale, in questo modo possiamo garantire prodotti di alta qualità senza paragoni. La qualità Toolspress è ben conosciuta nel mercato mondiale da molti anni. I nostri clienti sono per noi partners tecnologici, grazie ad una stretta collaborazione, risolviamo e incrementiamo le loro performance di piegatura. Il mercato globale richiede sempre più tecnologia a prezzi molto competitivi e nel minor tempo possibile, per questi motivi la nostra società ricerca e sviluppa metodi di produzione che ci permettono di soddisfare le richieste dei nostri clienti.

## The Spirit of Innovation

Toolspress is a world-class designer and manufacturer of high-quality press brake tooling and clamping system. We provide the most innovative products in the fabricators industries. Through a great manufacturing program with more than thousand standard model, we are able to guide your choice of the best bending system in the fastest time, due to the long experience we got in 30th years.

Toolspress has four important divisions:

- Precision Ground Standard Press Brakes Tooling
- Precision Ground Special Press Brakes Tooling
  - Press Brakes Clamping System
  - Industrial Solutions for Press Brakes
  - Shear blades

These four divisions are independent and both use the ultimate technologies in manufacturing process available in the world market, in this way we can guarantee high precision quality products with no comparison. Toolspress quality is very well known in the world market since many years. Ours customers are for us technological partners, in fact through a tight cooperation they let us solve and improve their bending performance. The global market needs always more and more technology to a very competitive prices in the shortest time. In this way our company develops manufacturing methods that allow us to meet our costumers requirements.

## The Spirit of Innovation

Toolspress® ist der weltweit führende Entwickler und Hersteller von qualitativ hochwertigen Abkantwerkzeugen und Werkzeug-Spannsysteme. Wir entwickeln und vertreiben die innovativsten Produkte im Bereich der Abkantttechnik. Durch unser großes Herstellungsprogramm mit über tausend Standardwerkzeugen sind wir in der Lage, das von Ihnen gewünschten Werkzeugsystem innerhalb kürzester Zeit zu liefern. Toolspress® verfügt über eine 30-jährige Erfahrung in der Abkantttechnik.

- Toolspress® hat vier wichtige Bereiche:
- Präzisions Standard Abkantwerkzeuge
  - Präzisions Spezial Abkantwerkzeuge
  - Spannsysteme für Abkantwerkzeuge
  - Industrielle Lösungen für Abkantpressen
    - Shear blades

Diese vier Bereiche sind unabhängig, aber alle nutzen die neuesten auf dem Weltmarkt verfügbaren Fertigungstechnologie. Auf diese Weise können wir hochpräzise Qualitätsprodukte ohne Kompromisse garantieren.

Die Qualität von Toolspress® ist seit Jahren auf dem Markt bekannt. Für uns sind unsere Kunden technologische Partner.

In enger Zusammenarbeit werden Lösungen erreicht und Abkanttleistungen verbessert. Die globalen Marktanforderungen fordern immer mehr Technologien, zu wettbewerbsfähigen Preisen, in kürzester Zeit. Daher entwickeln wir ständig neue Herstellungsverfahren, die es uns erlauben den Kundenanforderungen zu entsprechen.



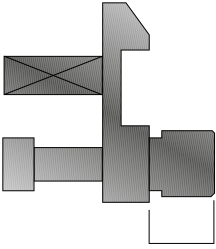
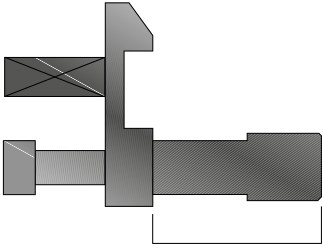
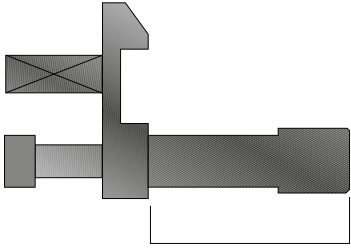
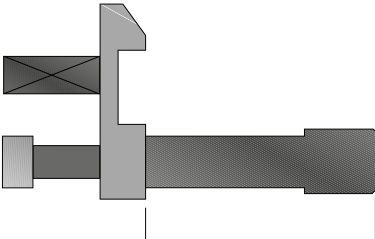
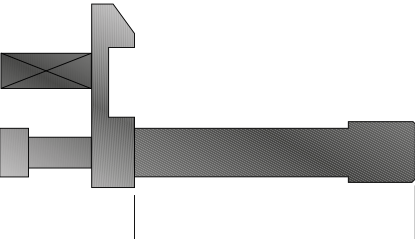
<b>Order</b>	Minimum order is 100 €
<b>Credit</b>	All orders are subject to the approval of our credit department. If you are a new account, please furnish us with a bank reference and three supplier references. A credit limit will be imposed on new accounts until credit has been established.
<b>Payment</b>	Terms are net 30 days.
<b>Cancellation</b>	In the event an order is cancelled, a charge will be made to cover labour, materials and overheads.
<b>Returned Material</b>	A handling charge of 25% is made on all standard parts returned for credit. Written permission and shipping instructions must be obtained before the return of any material. Special tooling cannot be returned.
<b>Claims</b>	All claims for shortages must be made within 3 days of the invoice date.
<b>Prices</b>	Prices and specifications subject to change without prior notice. E & O E. All prices are exclusive of VAT.
<b>Delivery Charge</b>	All orders are subject to a delivery charge. Please call the sales desk for a delivery quotation.



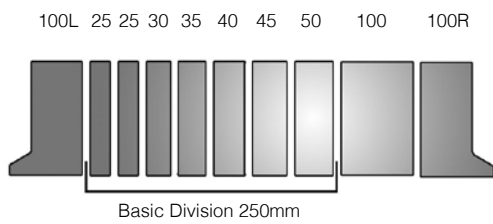
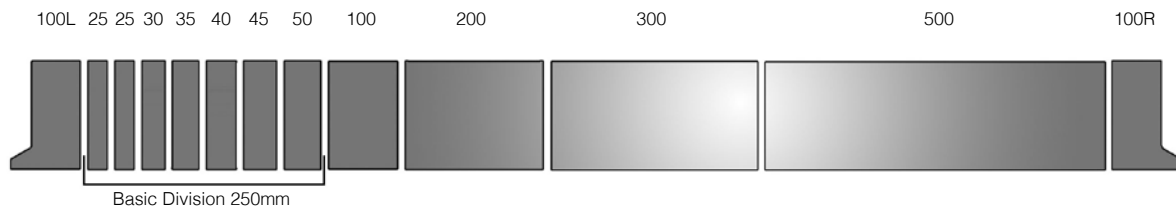
# Click and Lock



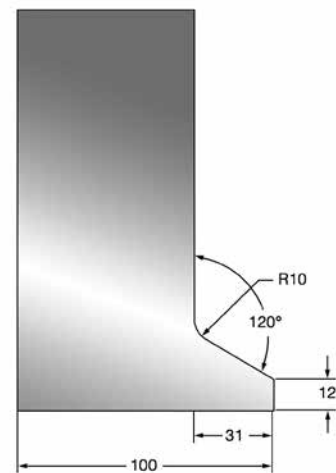
Buttons can be put in all punches with a weight below 12.7 kg

<p><b>Description</b></p> <p>Punch Button Assembly - 10mm</p>	<p><b>Description</b></p> <p>Punch Button Assembly - 24mm</p>	<p><b>Description</b></p> <p>Punch Button Assembly - 30mm</p>
		
<p><b>Description</b></p> <p>Punch Button Assembly - 35mm</p>	<p><b>Description</b></p> <p>Punch Button Assembly - 45mm</p>	
		

# System division - Punches



550 mm sect



## Version B

Set	100L	250X	100	200	300	500	100R
1050	1	1	1	1	1	0	1
1250	1	1	1	2	1	0	1
2050	1	1	1	1	1	2	1
2550	1	1	1	1	1	3	1
3050	1	1	1	1	1	4	1
4050	1	1	1	1	1	6	1

Division version for tool sets with a weight of up to 50kg/m

Set	100L	250X	100	200	300	500	100R
1050	1	1	1	1	1	0	1
1250	1	1	1	2	1	0	1
2050	1	1	1	3	3	0	1
2550	1	1	1	4	4	0	1
3050	1	1	1	5	5	0	1
4050	1	1	1	7	7	0	1

Division version for tool sets with a weight of more than 50kg/m

## Version A

Set	100L	250X	100	100R
1050A	1	1	6	1
1250A	1	1	8	1
2050A	1	1	16	1

### Benefit version B

- High flexibility -Fewer tool change-overs
- Short tool set-up time -Version most often selected and recommended -Low purchase cost

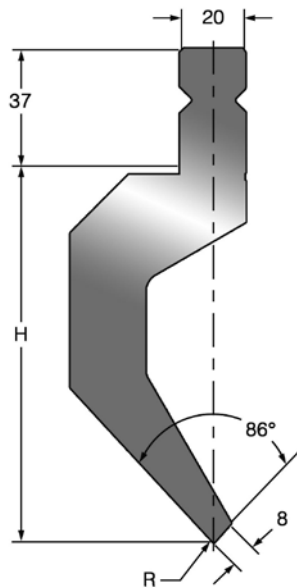
### Benefit version A

- Maximum flexibility -Weight of the individual part pieces very low
- Maximum tool set-up time -All tools can be loaded vertically and horizontally

### SYSTEM DIVISION VERSION B/A

The combination of a punch block A-division and a die block in B-division will not cause any problems

# Punches - Swan Neck



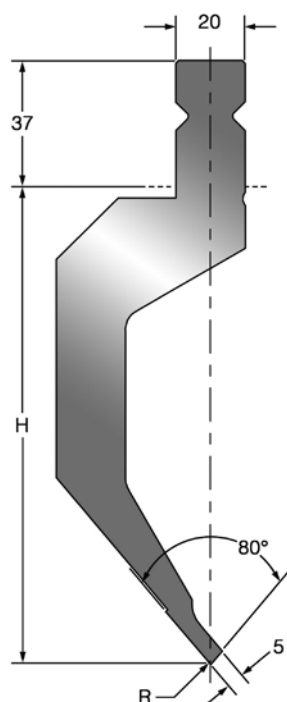
<b>Toolspress Profile</b>	<b>TOW200</b>
<b>Trumpf Profile</b>	<b>OW200/K</b>
Radius	R1
Angle	86°
Height	120
<b>Maximum Loading:</b>	<b>800 kN/m</b>
<b>Weight:</b>	<b>29.1 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	250
Length 3050	550
Length 2550	
Length 2050	<b>Single</b>
Length 1250	<b>Description</b>
Length 1050	500
	300
<b>Version A</b>	200
<b>Description</b>	Horn right
Length 2050	Horn Left
Length 1250	100
Length 1050	50
	45
	40
	35
	30
	25

Dimensions in mm

Modified Punch Tip Radii				
R0.5	R1.6	R2	R2.3	Radius
86°	86°	86°	86°	Angle
119.8	119.2	119.2	119	Height

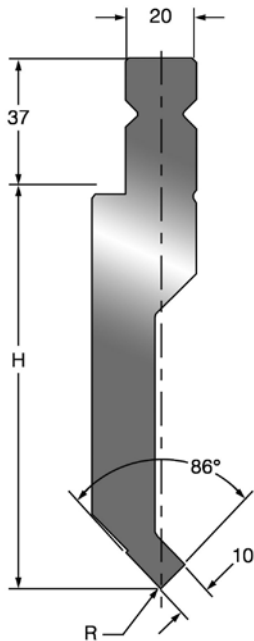
# Punches - Thin Tip



<b>Toolspress Profile</b>	<b>TOW280</b>
<b>Trumpf Profile</b>	<b>OW280/K</b>
Radius	R0.5
Angle	80°
Height	140
<b>Maximum Loading:</b>	<b>400 kN/m</b>
<b>Weight:</b>	<b>30.9 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	250
Length 3050	550
Length 2550	
Length 2050	<b>Single</b>
Length 1250	<b>Description</b>
Length 1050	500
	300
<b>Version A</b>	200
<b>Description</b>	Horn right
Length 2050	Horn Left
Length 1250	100
Length 1050	50
	45
	40
	35
	30
	25

# Punches - Goose Neck



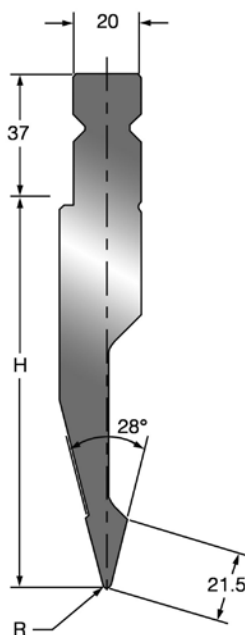
<b>Toolspress Profile</b>	<b>TOW201</b>
<b>Trumpf Profile</b>	<b>OW201/K</b>
Radius	R1
Angle	86°
Height	120
<b>Maximum Loading:</b>	<b>800 kN/m</b>
<b>Weight:</b>	<b>24.3 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	250
Length 3050	550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	Horn right
Length 2050	Horn Left
Length 1250	100
Length 1050	50
	45
	40
	35
	30
	25

Dimensions in mm

Modified Punch Tip Radii				
R0.5	R1.6	R2	R2.3	Radius
86°	86°	86°	86°	Angle
119.8	119.4	119.2	119	Height

# Punches - Pointed with Recess



<b>Toolspress Profile</b>	<b>TOW202</b>
<b>Trumpf Profile</b>	<b>OW202/K</b>
Radius	R1
Angle	28°
Height	120
<b>Max. Loading (Bending):</b>	<b>600 kN/m</b>
<b>Max. Loading (Flattening):</b>	<b>800 kN/m</b>
<b>Weight:</b>	<b>19.5 kg/m</b>

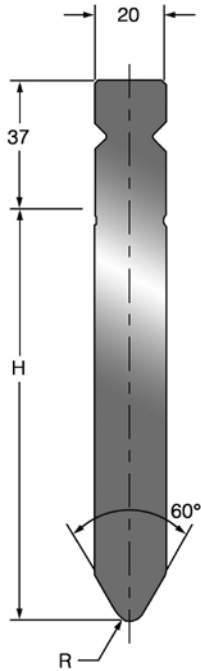
Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	250
Length 3050	550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	Horn right
Length 2050	Horn Left
Length 1250	100
Length 1050	50
	45
	40
	35
	30
	25

Dimensions in mm

Modified Punch Tip Radii				
R0.5	R1.6	R2	R2.3	Radius
28°	28°	28°	28°	Angle
119.8	117.2	116	115.1	Height



# Punches - Pointed/Bottoming



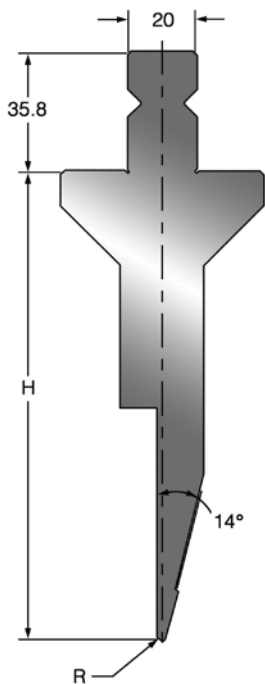
<b>Toolspress Profile</b>	<b>TOW203</b>
<b>Trumpf Profile</b>	<b>OW203/K</b>
Radius	R4
Angle	60°
Height	120
<b>Maximum Loading:</b>	<b>1300 kN/m</b>
<b>Weight:</b>	<b>23.3 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	250
Length 3050	550
Length 2550	
Length 2050	<b>Single</b>
Length 1250	<b>Description</b>
Length 1050	500
	300
<b>Version A</b>	200
<b>Description</b>	Horn right
Length 2050	Horn Left
Length 1250	100
Length 1050	50
	45
	40
	35
	30
	25

Dimensions in mm

Modified Punch Tip Radii				
R2	R2.5	R3	R4.7	Radius
60°	60°	60°	60°	Angle
119.8	119.8	119.8	119.1	Height

# Punches - Pointed with Flattened Spot



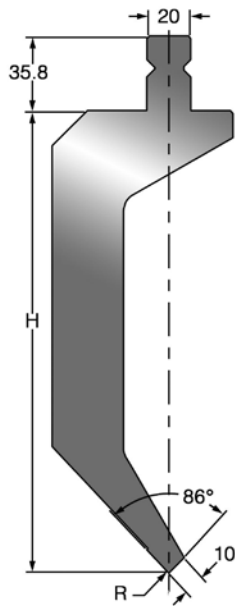
<b>Toolspress Profile</b>	<b>TOW210</b>
<b>Trumpf Profile</b>	<b>OW210</b>
Radius	R1
Angle	28°
Height	140
<b>Max. Loading (Bending):</b>	<b>400 kN/m</b>
<b>Max. Loading (Flattening):</b>	<b>1300 kN/m</b>
<b>Weight:</b>	<b>28.9 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	250
Length 3050	550
Length 2550	
Length 2050	<b>Single</b>
Length 1250	<b>Description</b>
Length 1050	500
	300
<b>Version A</b>	200
<b>Description</b>	Horn right
Length 2050	Horn Left
Length 1250	100
Length 1050	50
	45
	40
	35
	30
	25

Dimensions in mm

Modified Punch Tip Radii	
R0.5	Radius
28°	Angle
139.8	Height

# Punches - Swan Neck



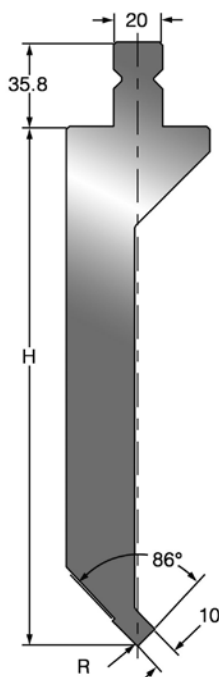
<b>Toolspress Profile</b>	<b>TOW200S</b>
<b>Trumpf Profile</b>	<b>OW200/S</b>
Radius	R1
Angle	86°
Height	220
<b>Maximum Loading:</b>	<b>800 kN/m</b>
<b>Weight:</b>	<b>66,3 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	250
Length 3050	550
Length 2550	
Length 2050	<b>Single</b>
Length 1250	<b>Description</b>
Length 1050	300
	200
<b>Version A</b>	Horn right
<b>Description</b>	Horn Left
Length 2050	100
Length 1250	50
Length 1050	45
	40
	35
	30
	25

Dimensions in mm

Modified Punch Tip Radii				
R0.5	R1.6	R2	R2.3	Radius
86°	86°	86°	86°	Angle
219.8	219.2	219.2	219	Height

# Punches - Goose Neck



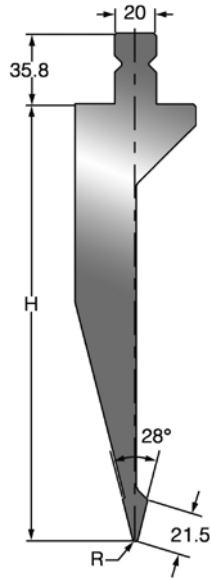
<b>Toolspress Profile</b>	<b>TOW201S</b>
<b>Trumpf Profile</b>	<b>OW201/S</b>
Radius	R1
Angle	86°
Height	220
<b>Maximum Loading:</b>	<b>800 kN/m</b>
<b>Weight:</b>	<b>57.0 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	250
Length 3050	550
Length 2550	
Length 2050	<b>Single</b>
Length 1250	<b>Description</b>
Length 1050	300
	200
<b>Version A</b>	Horn right
<b>Description</b>	Horn Left
Length 2050	100
Length 1250	50
Length 1050	45
	40
	35
	30
	25

Dimensions in mm

Modified Punch Tip Radii				
R0.5	R1.6	R2	R2.3	Radius
86°	86°	86°	86°	Angle
219.8	219.4	219.2	219	Height

# Punches - Pointed with Recess



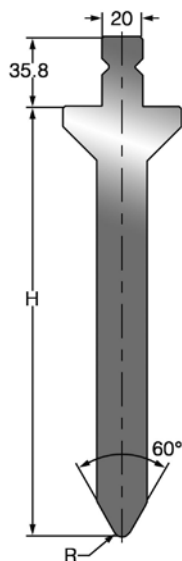
<b>Toolspress Profile</b>	<b>TOW202S</b>
<b>Trumpf Profile</b>	<b>OW202/S</b>
Radius	R1
Angle	28°
Height	220
<b>Max. Loading (Bending):</b>	<b>600 kN/m</b>
<b>Max. Loading (Flattening):</b>	<b>800 kN/m</b>
<b>Weight:</b>	<b>49.6 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	250
Length 3050	550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	Horn right
Length 2050	Horn Left
Length 1250	100
Length 1050	50
	45
	40
	35
	30
	25

Dimensions in mm

Modified Punch Tip Radii				
R0.5	R1.6	R2	R2.3	Radius
28°	28°	28°	28°	Angle
219.8	217.8	216	215.6	Height

# Punches - Pointed/Bottoming



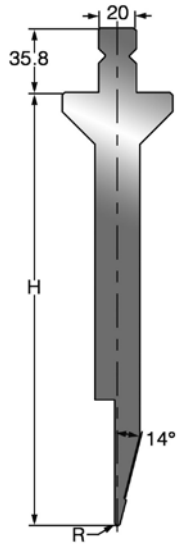
<b>Toolspress Profile</b>	<b>TOW203S</b>
<b>Trumpf Profile</b>	<b>OW203/S</b>
Radius	R4
Angle	60°
Height	220
<b>Maximum Loading:</b>	<b>1300 kN/m</b>
<b>Weight:</b>	<b>52.1 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	250
Length 3050	550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	300
Length 1050	200
<b>Version A</b>	Horn right
<b>Description</b>	Horn Left
Length 2050	100
Length 1250	50
Length 1050	45
	40
	35
	30
	25

Dimensions in mm

Modified Punch Tip Radii				
R2	R2,5	R3	R4.7	Radius
60°	60°	60°	60°	Angle
219.8	219.8	219.8	219	Height

# Punches - Pointed with Flattening Spot



<b>Toolspress Profile</b>	<b>TOW210S</b>
<b>Trumpf Profile</b>	<b>OW210/S</b>
Radius	R1
Angle	28°
Height	240
<b>Max. Loading (Bending):</b>	<b>400 kN/m</b>
<b>Max. Loading (Flattening):</b>	<b>1300 kN/m</b>
<b>Weight:</b>	<b>47.7 kg/m</b>

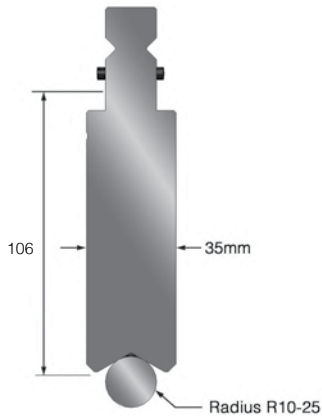
<b>Version B</b>	<b>Sectionalised</b>
<b>Description</b>	<b>Description</b>
Length 4050	250
Length 3050	550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	Horn right
Length 2050	Horn Left
Length 1250	100
Length 1050	50
	45
	40
	35
	30
	25

Dimensions in mm

<b>Modified Punch Tip Radii</b>	
R0.5	Radius
28°	Angle
239.8	Height

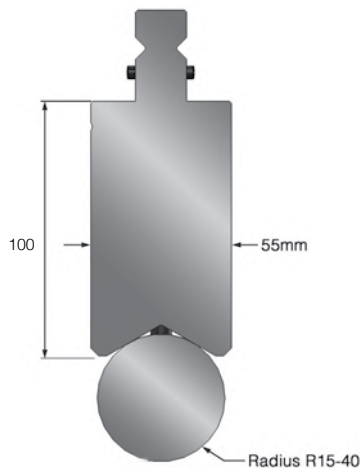
# Radius Punches

- Hardened Holders and Inserts
- Standard Radius Sizes up to 40mm
- Insert Holder made in 42CrMo4 hardened and ground
- Insert Radius made in C50 hardened and ground



<b>Toolspress Profile</b>	<b>TOW308</b>
<b>Trumpf Profile</b>	<b>OW308/K</b>
Radius	10-25
Height	106
<b>Maximum Loading:</b>	<b>1300 kN/m</b>
<b>Weight:</b>	<b>33.3 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	250
Length 3050	550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	Horn right
Length 2050	Horn Left
Length 1250	100
Length 1050	50
	45
	40
	35
	30
	25



<b>Toolspress Profile</b>	<b>TOW308S</b>
<b>Trumpf Profile</b>	<b>OW308/S</b>
Radius	15-40
Height	100
<b>Maximum Loading:</b>	<b>1500 kN/m</b>
<b>Weight:</b>	<b>46.5 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	250
Length 3050	550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	Horn right
Length 2050	Horn Left
Length 1250	100
Length 1050	50
	45
	40
	35
	30
	25

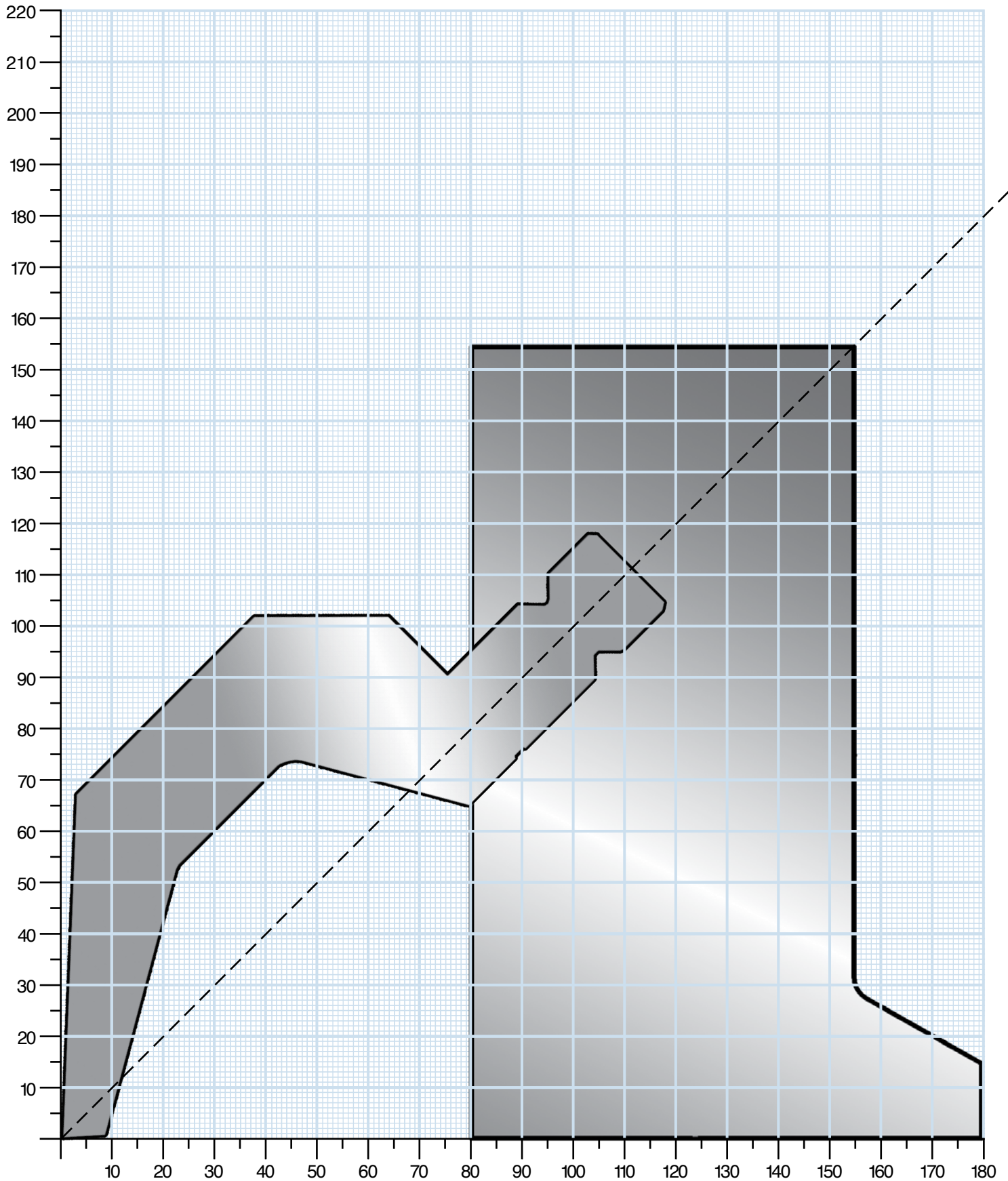
## Standard Radius insert

10	15	20	25	30	35	40
----	----	----	----	----	----	----

Other Radius inserts available on request

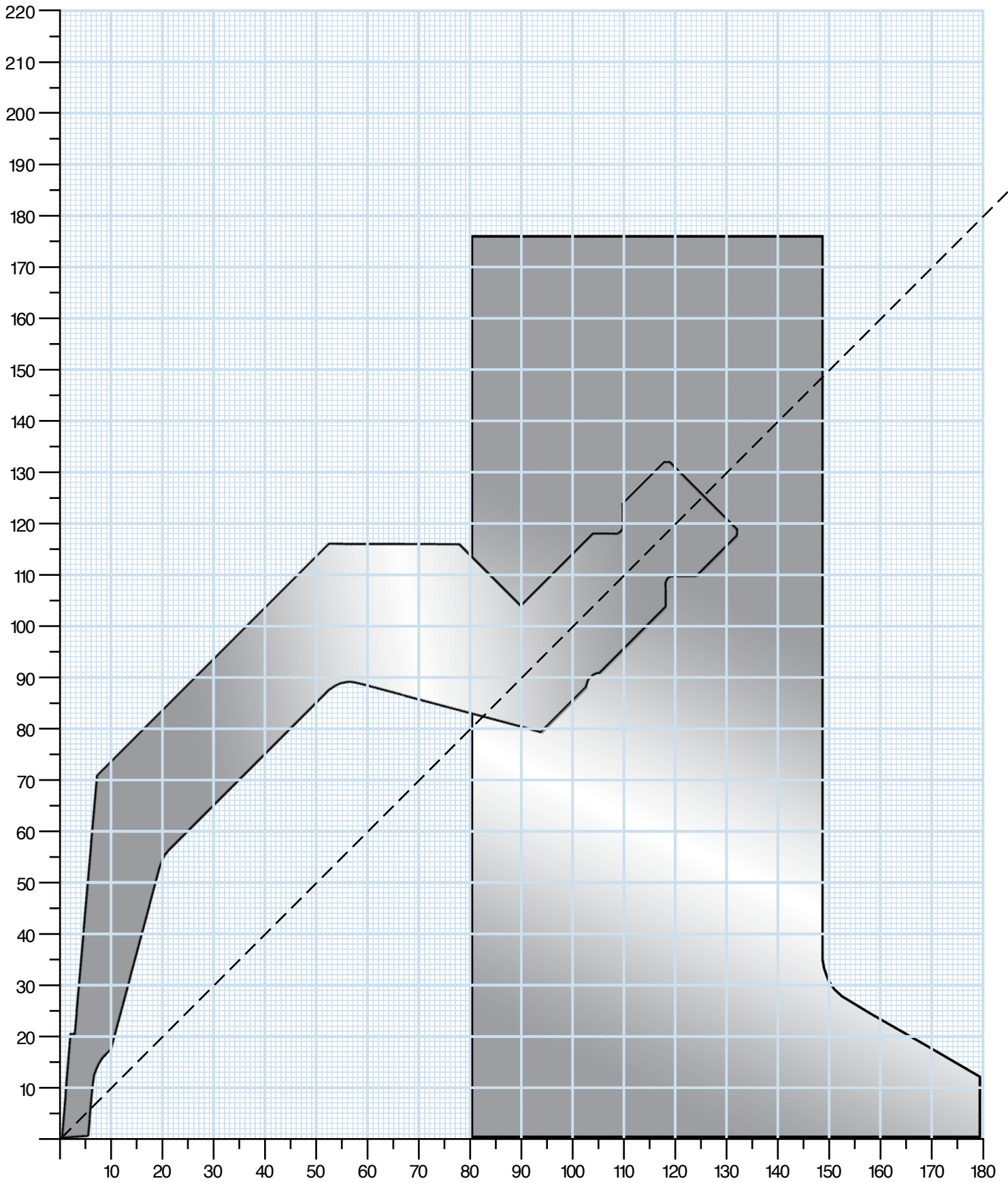
# Bend Limit Graph

TOW200 Swan-Neck Punch



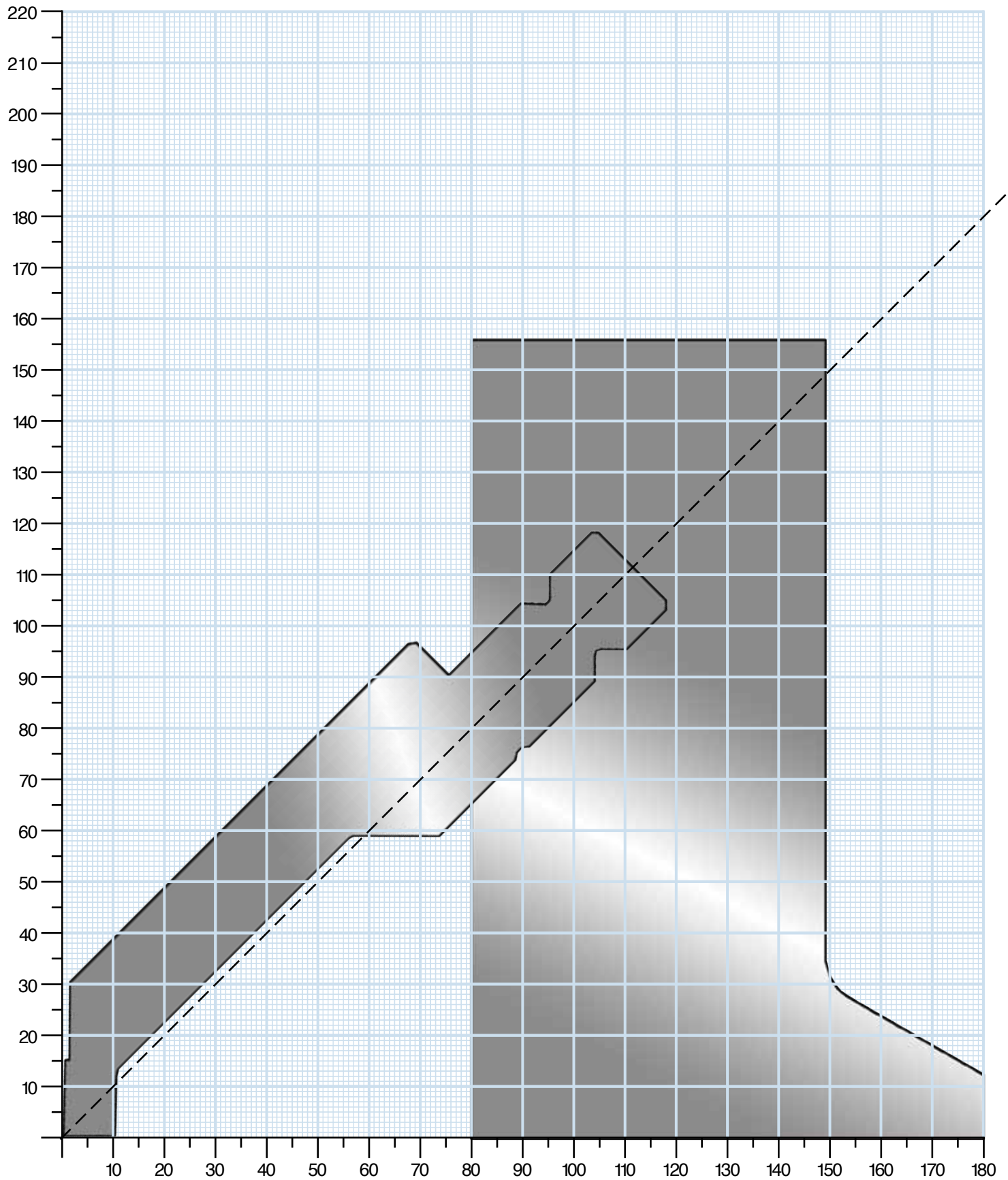
# Bend Limit Graph

TOW280 Thin Tip Punch



# Bend Limit Graph

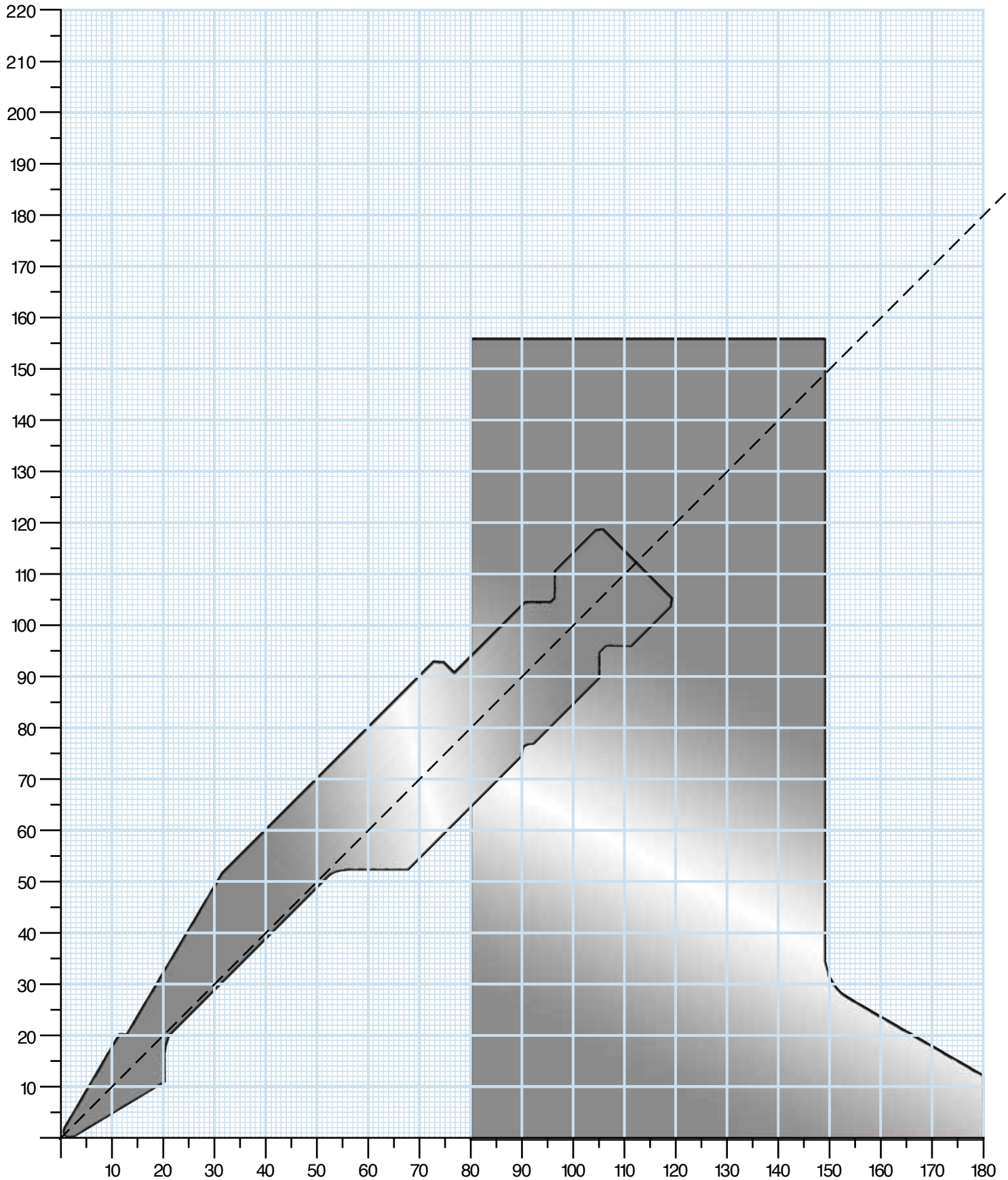
## TOW201 Goose-Neck Punch





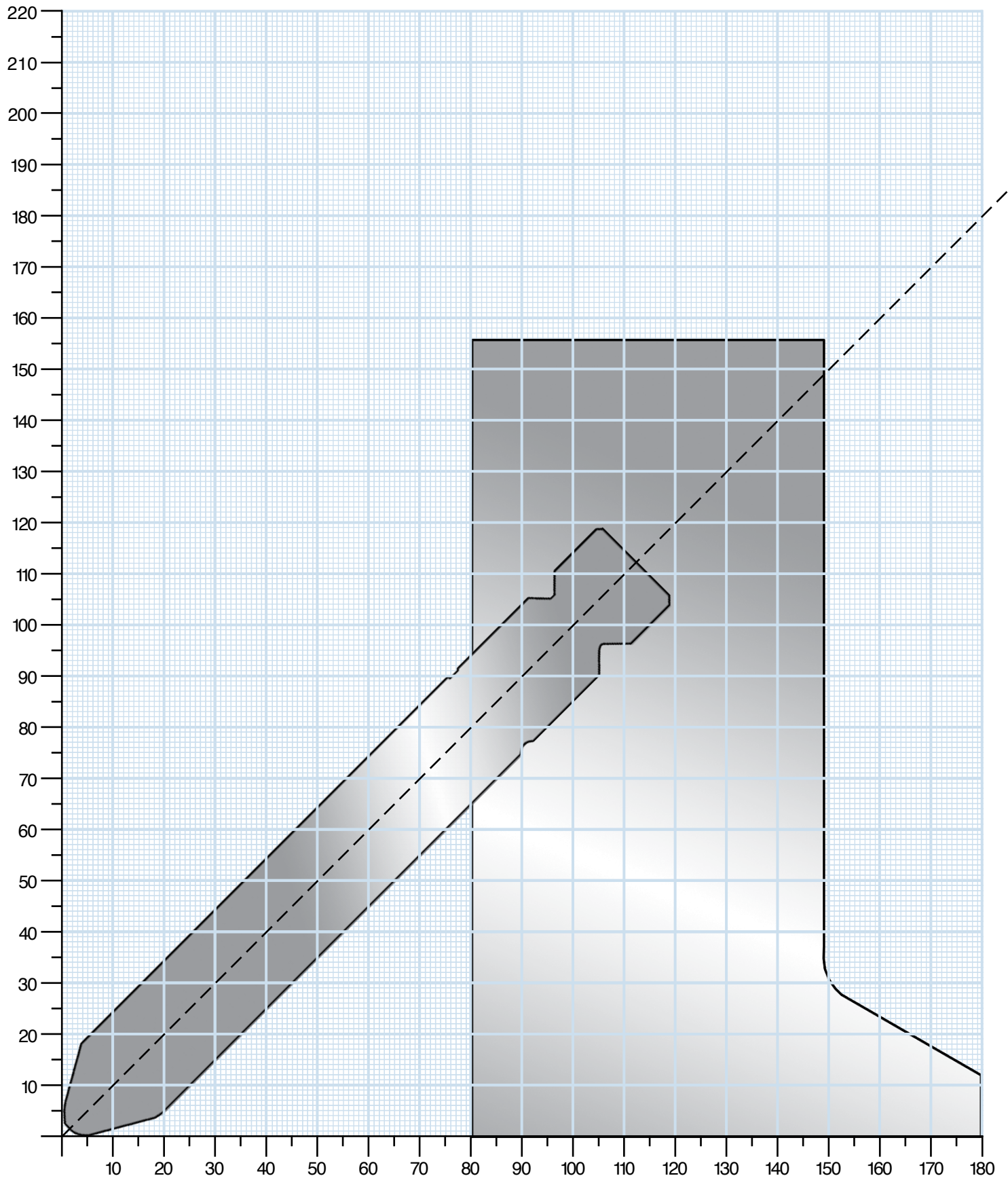
# Bend Limit Graph

TOW202 Pointed with Recess Punch



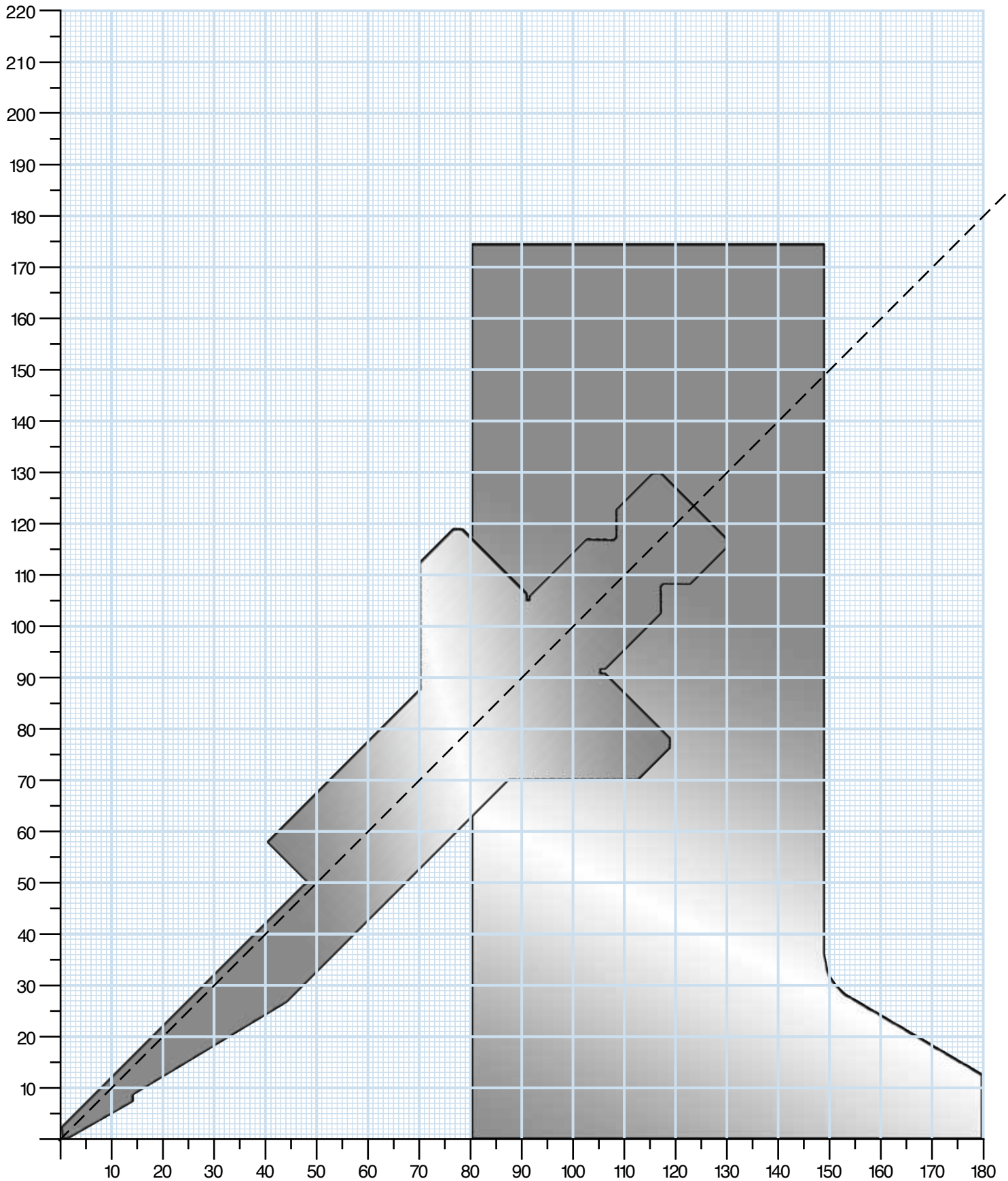
# Bend Limit Graph

## TOW203 Pointed/Bottoming Punch



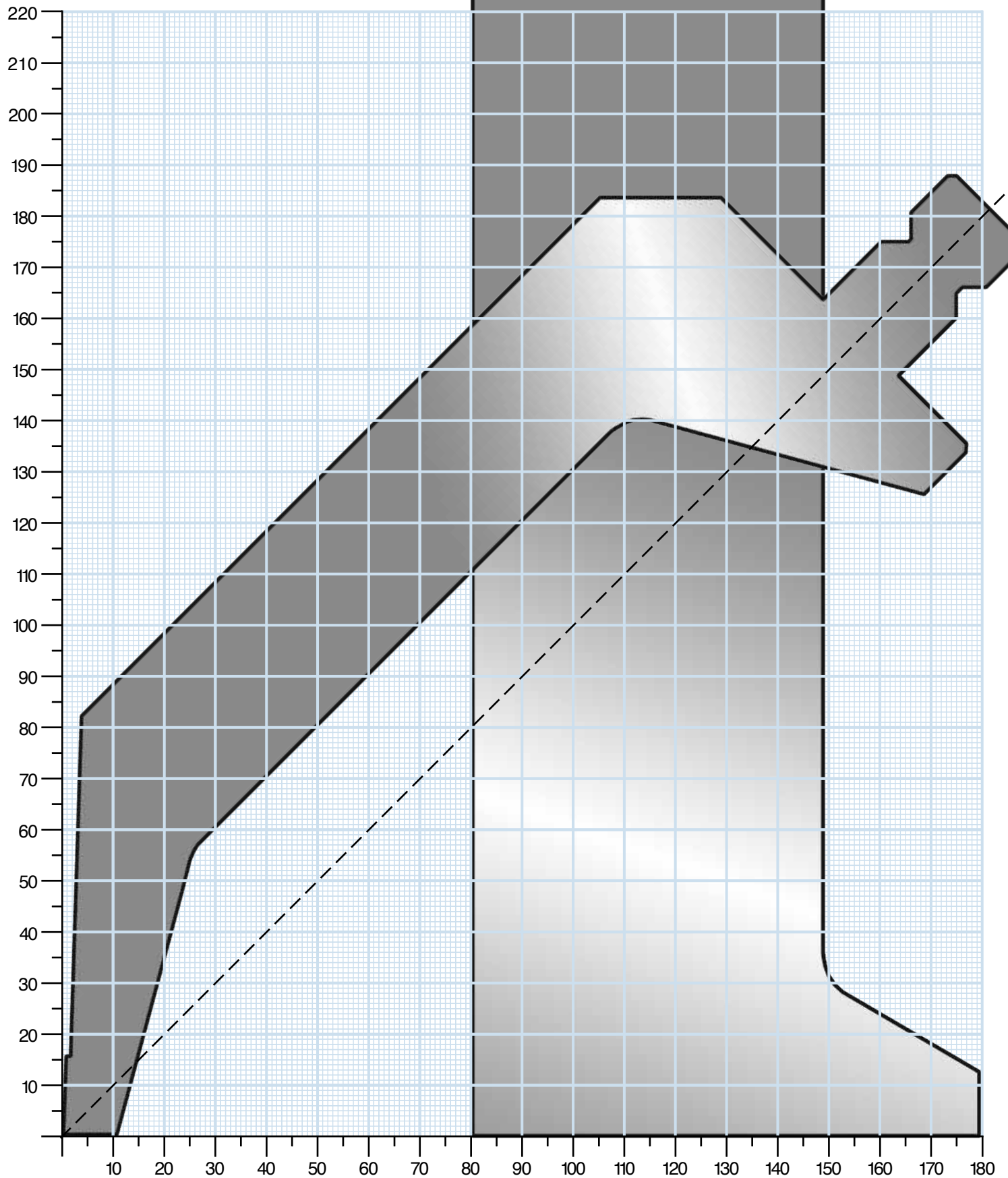
# Bend Limit Graph

TOW210 Pointed with Flattened Spot Punch



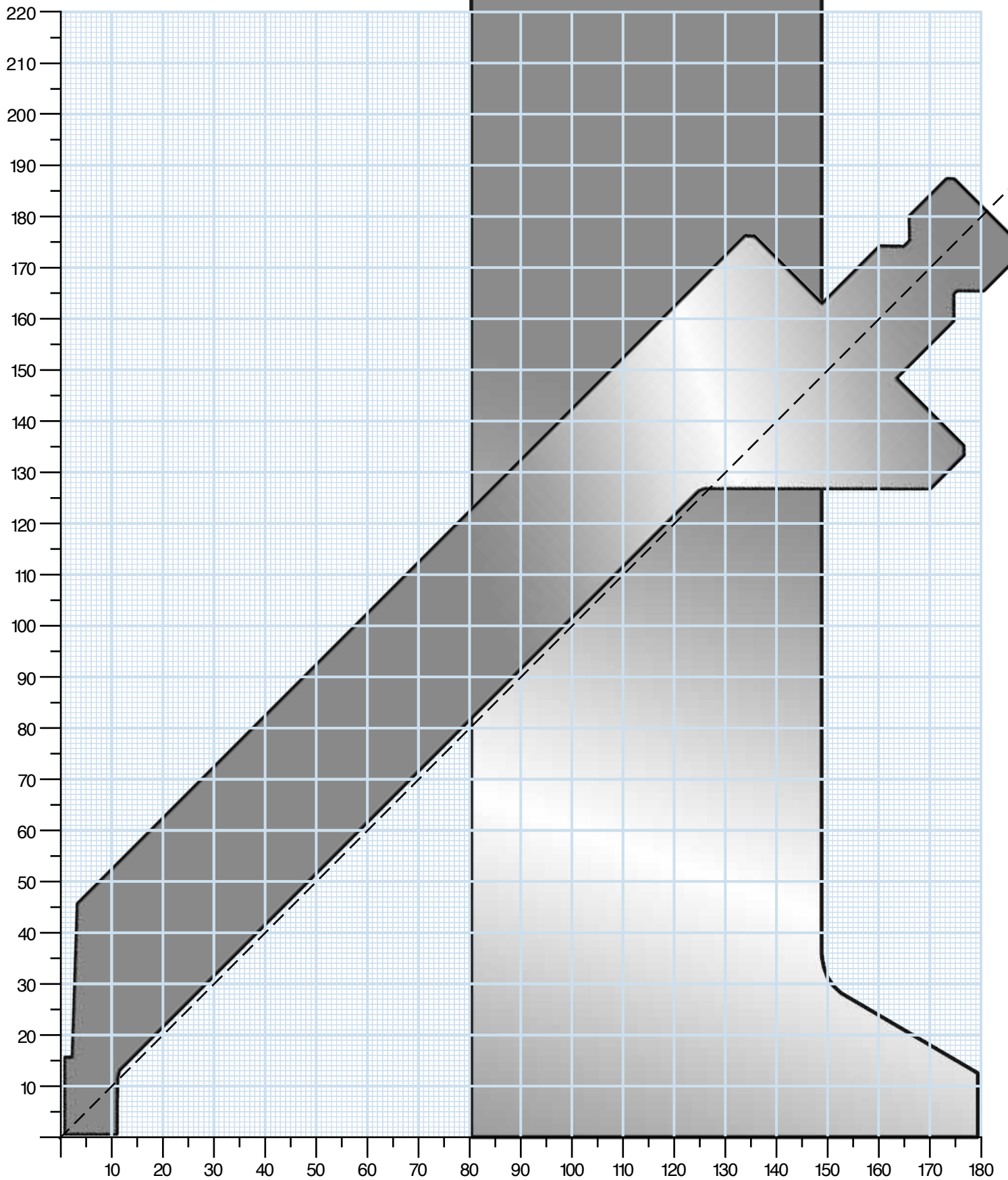
# Bend Limit Graph

TOW200S Swan-Neck Punch



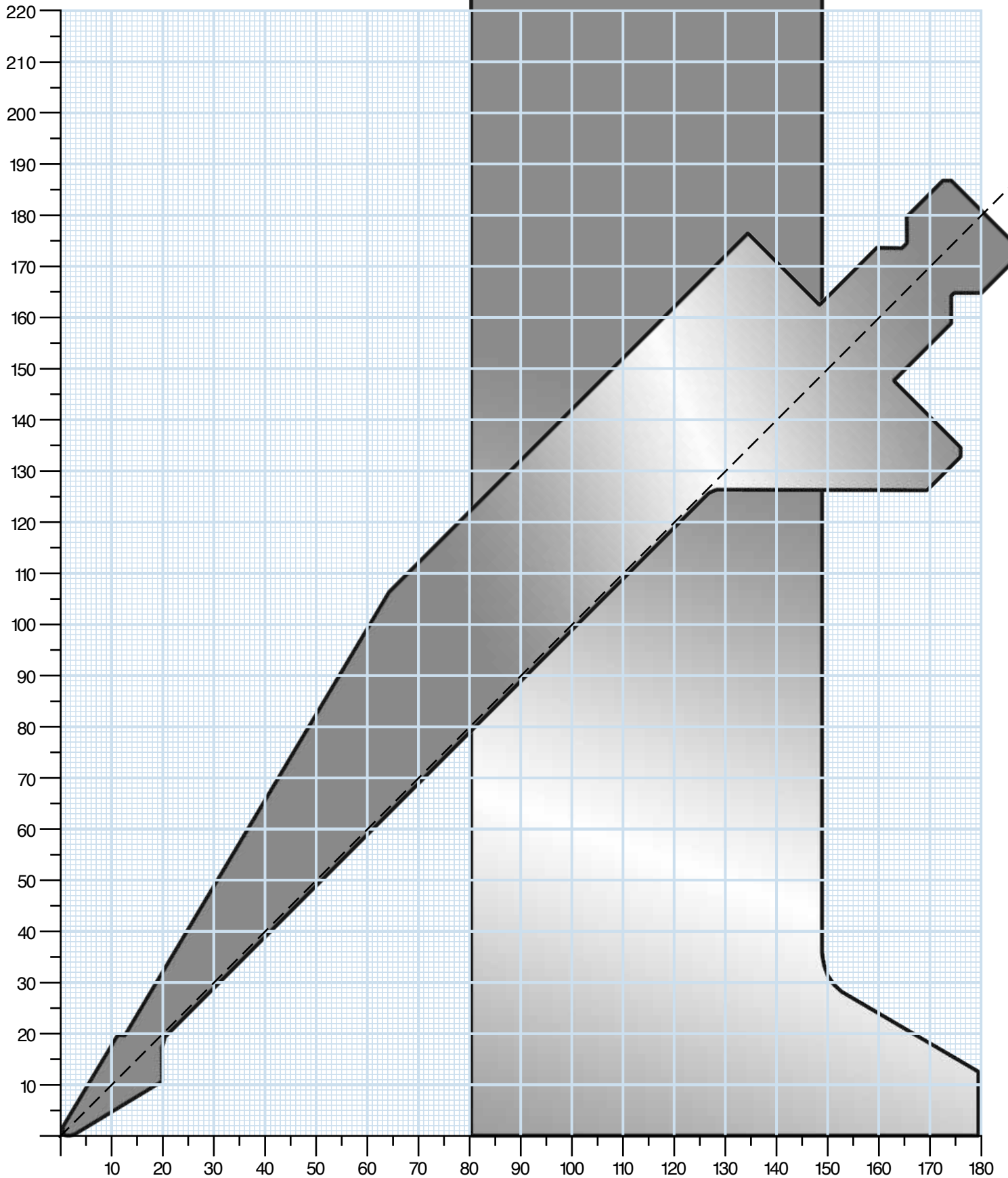
# Bend Limit Graph

TOW201S Goose-Neck Punch



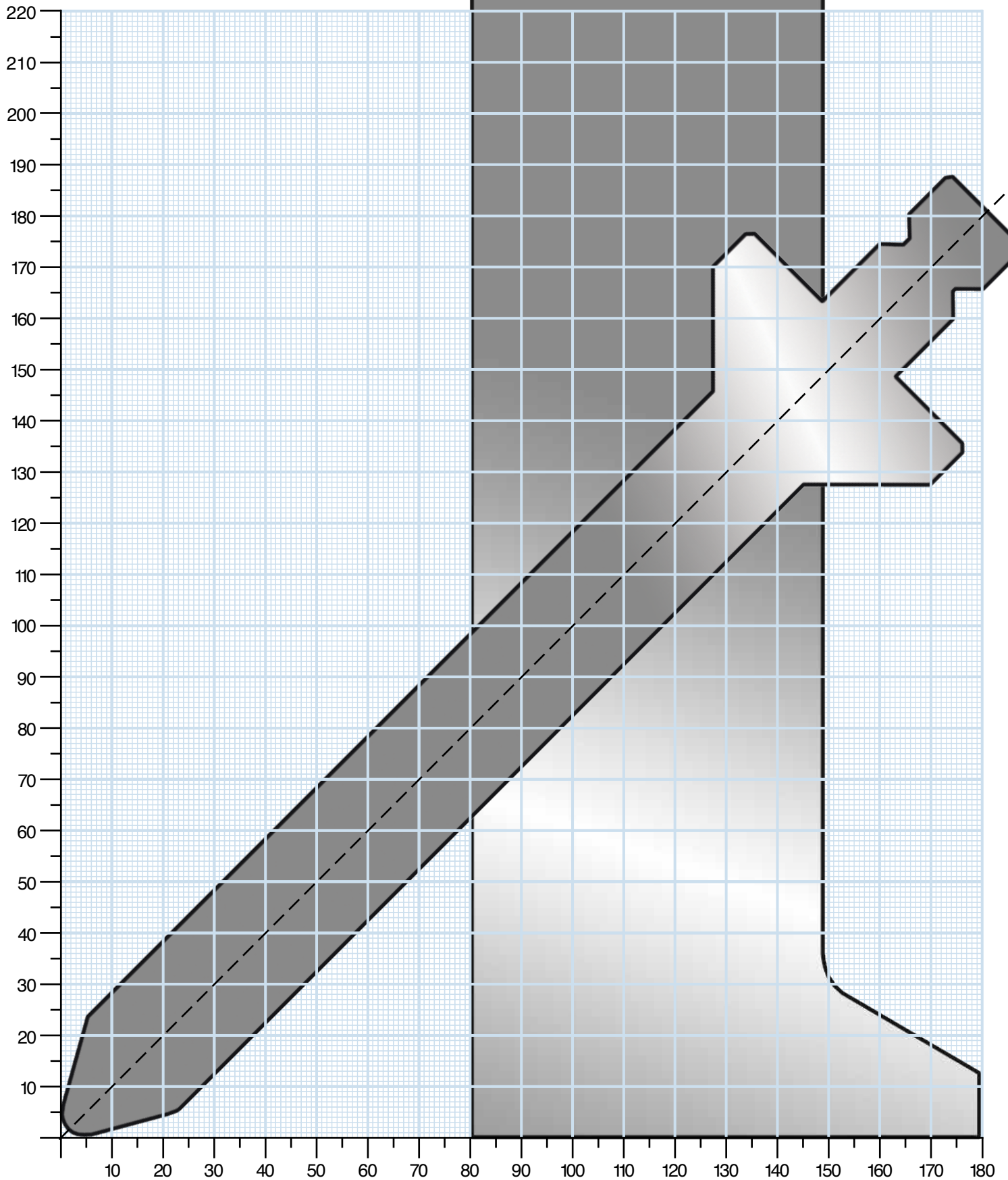
# Bend Limit Graph

TOW202S Pointed with Recess Punch



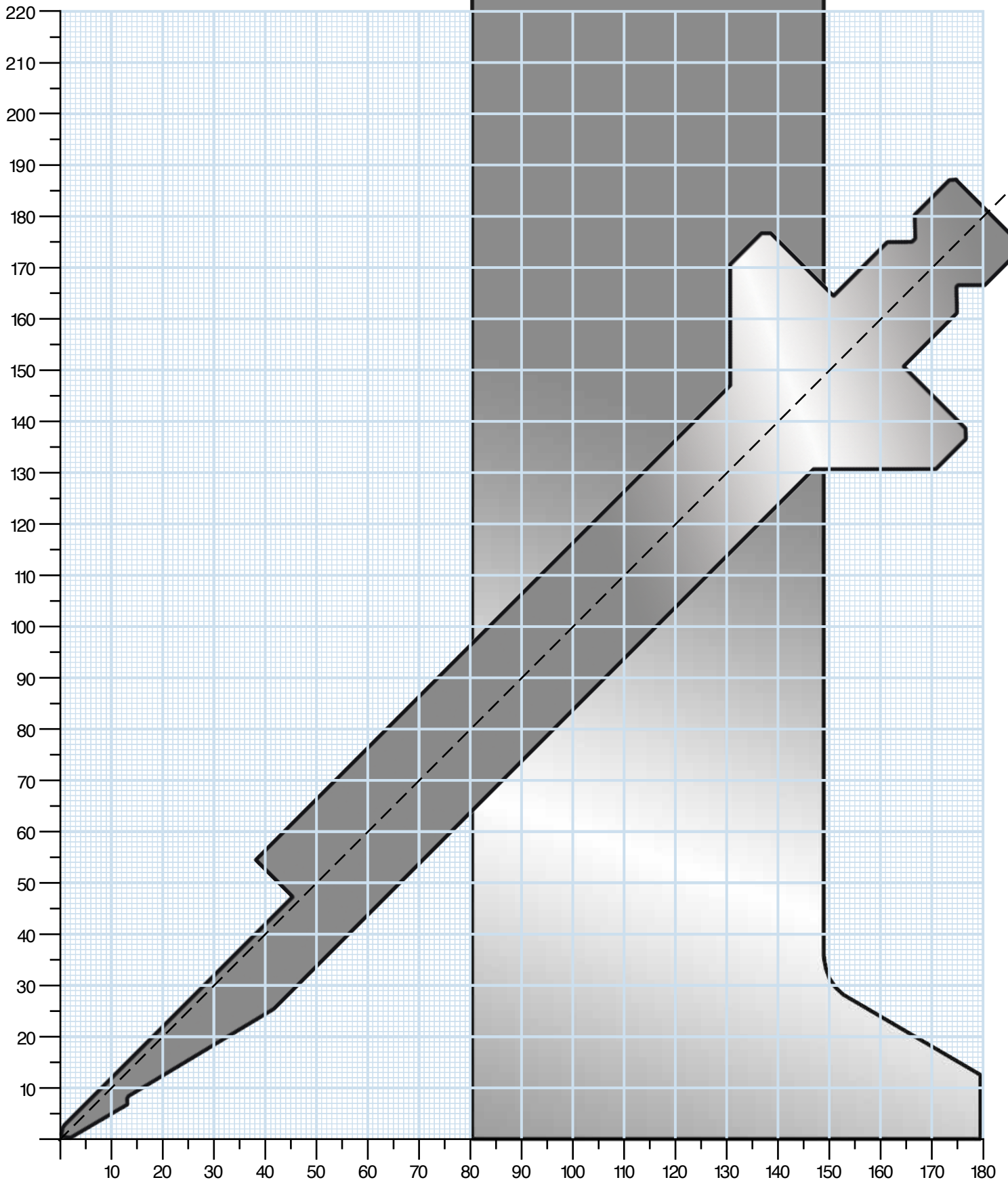
# Bend Limit Graph

TOW203S Pointed/Bottoming Punch



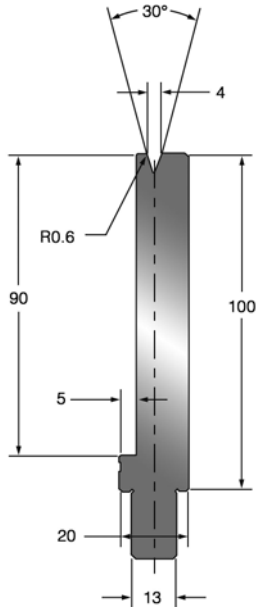
# Bend Limit Graph

TOW210S Pointed with Flattened Spot Punch





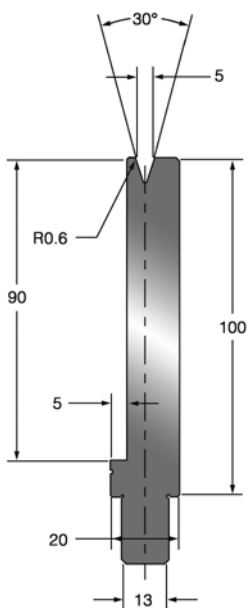
# Die V-Opening = 4mm & 5mm



<b>Toolspress Profile</b>	<b>T04S.30°</b>
<b>Trumpf Cat. No.</b>	<b>EV/S-W4/30°</b>
V-Opening	4
Angle	30°
Height	100
<b>Maximum Loading:</b>	<b>150 kN/m</b>
<b>Weight:</b>	<b>14.0 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

## Bolt Holes Standard



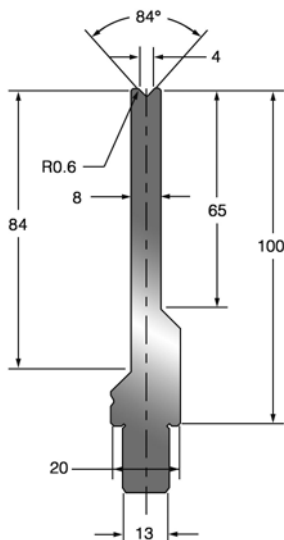
<b>Toolspress Profile</b>	<b>T05S.30°</b>
<b>Trumpf Cat. No.</b>	<b>EV/S-W5/30°</b>
V-Opening	5
Angle	30°
Height	100
<b>Maximum Loading:</b>	<b>150 kN/m</b>
<b>Weight:</b>	<b>13.9 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

Dimensions in mm

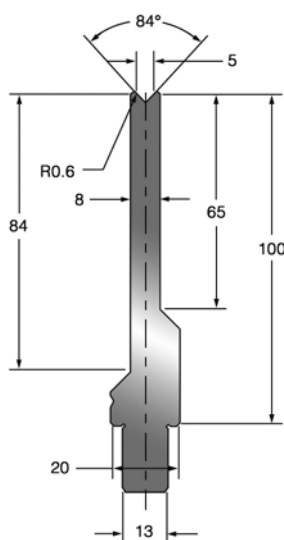
## Bolt Holes Standard

# Die V-Opening = 4mm & 5mm



<b>Toolspress Profile</b>	<b>T04S.84°</b>
<b>Trumpf Cat. No.</b>	<b>EV/S-W4/84°</b>
V-Opening	4
Angle	84°
Height	100
<b>Maximum Loading:</b>	<b>250 kN/m</b>
<b>Weight:</b>	<b>10.3 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

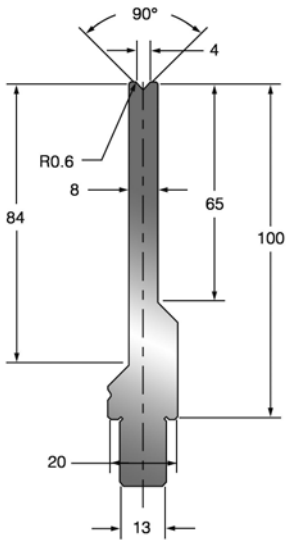


<b>Toolspress Profile</b>	<b>T05S.84°</b>
<b>Trumpf Cat. No.</b>	<b>EV/S-W5/84°</b>
V-Opening	5
Angle	84°
Height	100
<b>Maximum Loading:</b>	<b>250 kN/m</b>
<b>Weight:</b>	<b>10.2 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

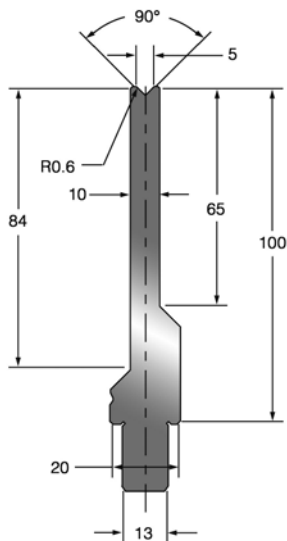
Dimensions in mm

# Die V-Opening = 4mm & 5mm



<b>Toolspress Profile</b>	<b>T04S.90°</b>
<b>Trumpf Cat. No.</b>	<b>EV/S-W4/90°</b>
V-Opening	4
Angle	90°
Height	100
<b>Maximum Loading:</b>	<b>250 kN/m</b>
<b>Weight:</b>	<b>10.8 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

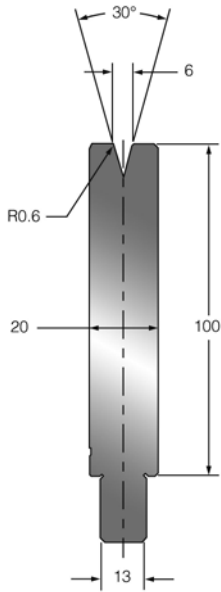


<b>Toolspress Profile</b>	<b>T05S.90°</b>
<b>Trumpf Cat. No.</b>	<b>EV/S-W5/90°</b>
V-Opening	5
Angle	90°
Height	100
<b>Maximum Loading:</b>	<b>390 kN/m</b>
<b>Weight:</b>	<b>11.9 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

Dimensions in mm

# Die V-Opening = 6mm

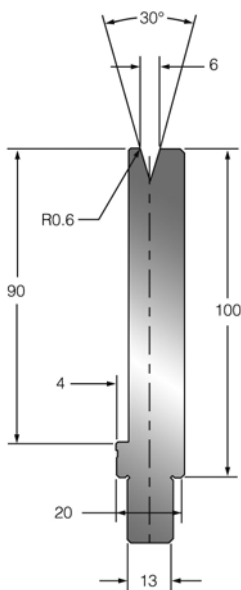


<b>Toolspress Profile</b>	<b>T06.30°</b>
<b>Trumpf Cat. No.</b>	<b>EV001 30°</b>
V-Opening	6
Angle	30°
Height	100
<b>Maximum Loading:</b>	<b>400 kN/m</b>
<b>Weight:</b>	<b>17.3 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

Mod. T06.30° also available with H=150

## Bolt Holes Standard



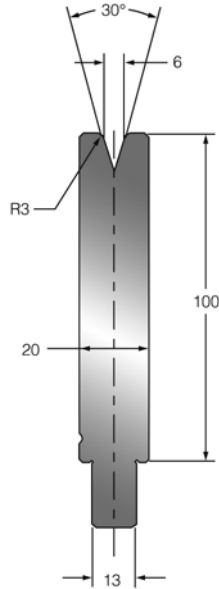
<b>Toolspress Profile</b>	<b>T06S.30°</b>
<b>Trumpf Cat. No.</b>	<b>EV001/S 30°</b>
V-Opening	6
Angle	30°
Height	100
<b>Maximum Loading:</b>	<b>170 kN/m</b>
<b>Weight:</b>	<b>14.5 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

Dimensions in mm

## Bolt Holes Standard

# Die V-Opening = 6mm



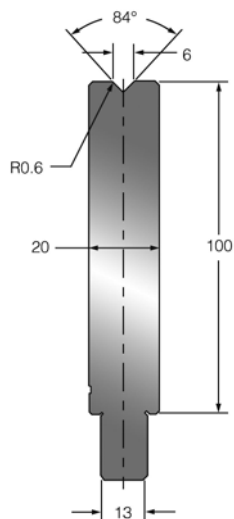
<b>Toolspress Profile</b>	<b>T06.30° R3</b>
<b>Trumpf Cat. No.</b>	<b>EV001 R3 30°</b>
V-Opening	6
Angle	30°
Height	100
<b>Maximum Loading:</b>	<b>400 kN/m</b>
<b>Weight:</b>	<b>17.2 kg/m</b>

<b>Version B</b>	<b>Sectionalised</b>
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

## Bolt Holes Standard

Dimensions in mm

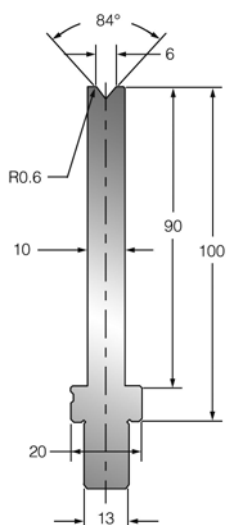
# Die V-Opening = 6mm



<b>Toolspress Profile</b>	<b>T06.84°</b>
<b>Trumpf Cat. No.</b>	<b>EV W6 84°</b>
V-Opening	6
Angle	84°
Height	100
<b>Maximum Loading:</b>	<b>400 kN/m</b>
<b>Weight:</b>	<b>17.6 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

Mod. T06.84° also available with H=150

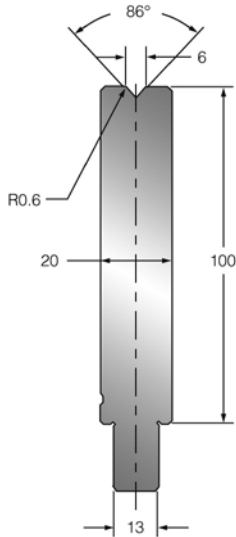


<b>Toolspress Profile</b>	<b>T06S.84°</b>
<b>Trumpf Cat. No.</b>	<b>EV/S W6 84°</b>
V-Opening	6
Angle	84°
Height	100
<b>Maximum Loading:</b>	<b>250 kN/m</b>
<b>Weight:</b>	<b>10.6 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

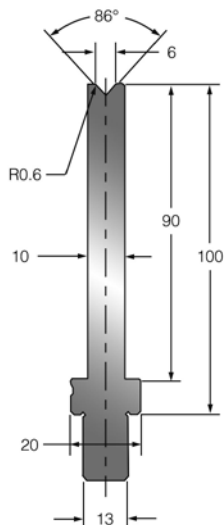
Dimensions in mm

# Die V-Opening = 6mm



<b>Toolspress Profile</b>	<b>T06.86°</b>
<b>Trumpf Cat. No.</b>	<b>EV020 86°</b>
V-Opening	6
Angle	86°
Height	100
<b>Maximum Loading:</b>	<b>400 kN/m</b>
<b>Weight:</b>	<b>17.6 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
	40
	35
	30
	25

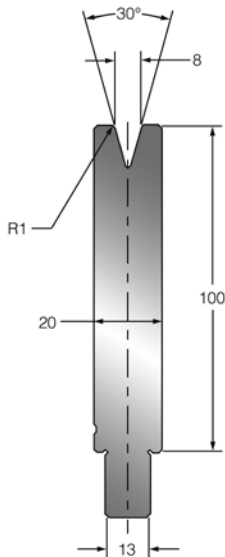


<b>Toolspress Profile</b>	<b>T06S.86°</b>
<b>Trumpf Cat. No.</b>	<b>EV020/S 86°</b>
V-Opening	6
Angle	86°
Height	100
<b>Maximum Loading:</b>	<b>240 kN/m</b>
<b>Weight:</b>	<b>10.6 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
	40
	35
	30
	25

Dimensions in mm

# Die V-Opening = 8mm

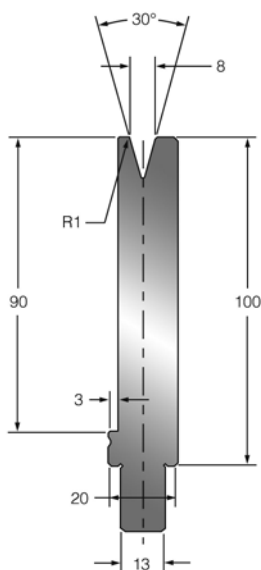


<b>Toolspress Profile</b>	<b>T08.30°</b>
<b>Trumpf Cat. No.</b>	<b>EV002 30°</b>
V-Opening	8
Angle	30°
Height	100
<b>Maximum Loading:</b>	<b>400 kN/m</b>
<b>Weight:</b>	<b>17.1 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

Mod. T08.30° also available with H=150

## Bolt Holes Standard



<b>Toolspress Profile</b>	<b>T08S.30°</b>
<b>Trumpf Cat. No.</b>	<b>EV002/S 30°</b>
V-Opening	8
Angle	30°
Height	100
<b>Maximum Loading:</b>	<b>200 kN/m</b>
<b>Weight:</b>	<b>15.1 kg/m</b>

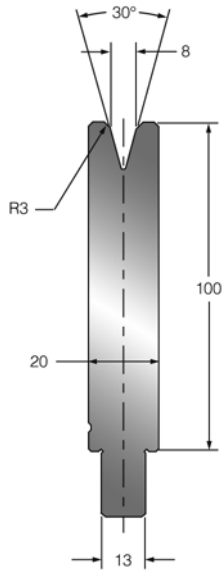
Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

Dimensions in mm

## Bolt Holes Standard



# Die V-Opening = 8mm



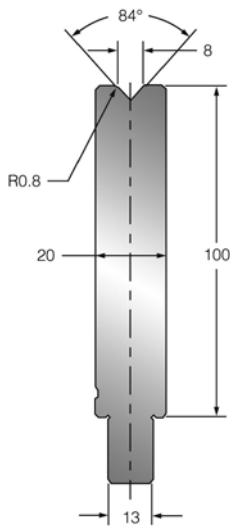
<b>Toolspress Profile</b>	<b>T08.30° R3</b>
<b>Trumpf Cat. No.</b>	<b>EV002 R3 30°</b>
V-Opening	8
Angle	30°
Height	100
<b>Maximum Loading:</b>	<b>400 kN/m</b>
<b>Weight:</b>	<b>17.0 kg/m</b>

<b>Version B</b>	<b>Sectionalised</b>
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

## Bolt Holes Standard

Dimensions in mm

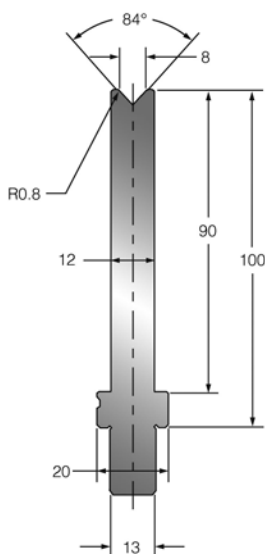
# Die V-Opening = 8mm



<b>Toolspress Profile</b>	<b>T08.84°</b>
<b>Trumpf Cat. No.</b>	<b>EV W8/84°</b>
V-Opening	8
Angle	84°
Height	100
<b>Maximum Loading:</b>	<b>400 kN/m</b>
<b>Weight:</b>	<b>17.5 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

Mod. T08.84° also available with H=150

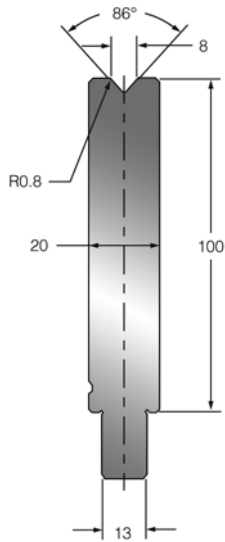


<b>Toolspress Profile</b>	<b>T08S.84°</b>
<b>Trumpf Cat. No.</b>	<b>EV/S W8/84°</b>
V-Opening	8
Angle	84°
Height	100
<b>Maximum Loading:</b>	<b>350 kN/m</b>
<b>Weight:</b>	<b>11.9 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

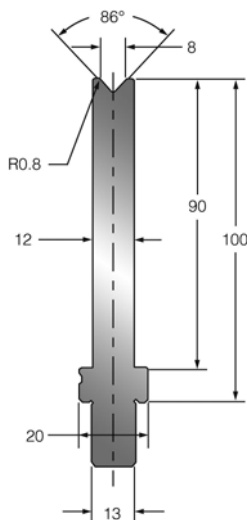
Dimensions in mm

# Die V-Opening = 8mm



<b>Toolspress Profile</b>	<b>T08.86°</b>
<b>Trumpf Cat. No.</b>	<b>EV021 86°</b>
V-Opening	8
Angle	86°
Height	100
<b>Maximum Loading:</b>	<b>400 kN/m</b>
<b>Weight:</b>	<b>17.6 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
	40
	35
	30
	25

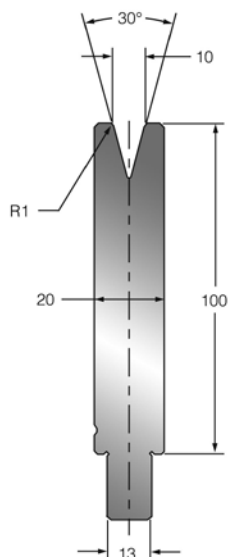


<b>Toolspress Profile</b>	<b>T08S.86°</b>
<b>Trumpf Cat. No.</b>	<b>EV021/S 86°</b>
V-Opening	8
Angle	86°
Height	100
<b>Maximum Loading:</b>	<b>310 kN/m</b>
<b>Weight:</b>	<b>11.9 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
	40
	35
	30
	25

Dimensions in mm

# Die V-Opening = 10mm

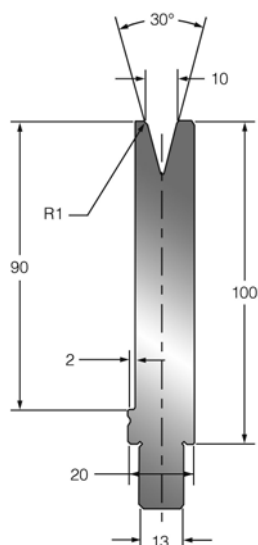


<b>Toolspress Profile</b>	<b>T10.30°</b>
<b>Trumpf Cat. No.</b>	<b>EV003 30°</b>
V-Opening	10
Angle	30°
Height	100
<b>Maximum Loading:</b>	<b>400 kN/m</b>
<b>Weight:</b>	<b>16.9 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

Mod. T10.30° also available with H=150

## Bolt Holes Standard



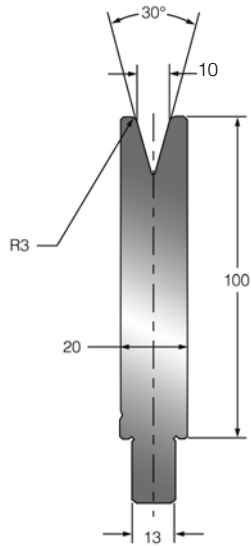
<b>Toolspress Profile</b>	<b>T10S.30°</b>
<b>Trumpf Cat. No.</b>	<b>EV003/S 30°</b>
V-Opening	10
Angle	30°
Height	100
<b>Maximum Loading:</b>	<b>200 kN/m</b>
<b>Weight:</b>	<b>15.5 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

Dimensions in mm

## Bolt Holes Standard

# Die V-Opening = 10mm



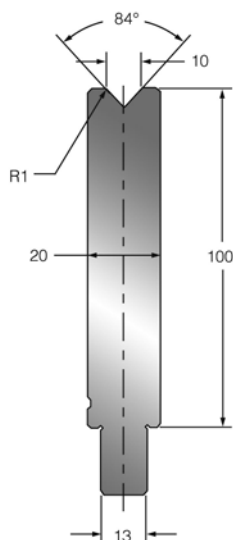
<b>Toolspress Profile</b>	<b>T10.30° R3</b>
<b>Trumpf Cat. No.</b>	<b>EV003 R3 30°</b>
V-Opening	10
Angle	30°
Height	100
<b>Maximum Loading:</b>	<b>400 kN/m</b>
<b>Weight:</b>	<b>16.7 kg/m</b>

<b>Version B</b>	<b>Sectionalised</b>
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

## Bolt Holes Standard

Dimensions in mm

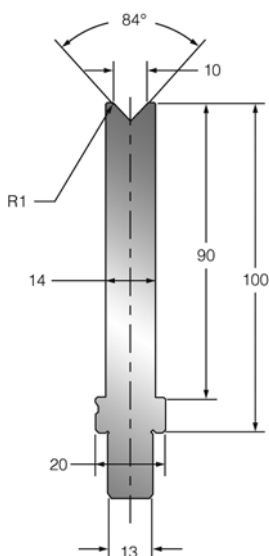
# Die V-Opening = 10mm



Toolspress Profile	T10.84°
Trumpf Cat. No.	EV W10/84°
V-Opening	10
Angle	84°
Height	100
<b>Maximum Loading:</b>	<b>500 kN/m</b>
<b>Weight:</b>	<b>17.5 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

Mod. T10.84° also available with H=150

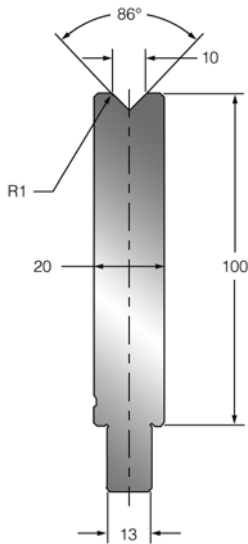


Toolspress Profile	T10S.84°
Trumpf Cat. No.	EV/S W10/84°
V-Opening	10
Angle	84°
Height	100
<b>Maximum Loading:</b>	<b>400 kN/m</b>
<b>Weight:</b>	<b>13.3 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

Dimensions in mm

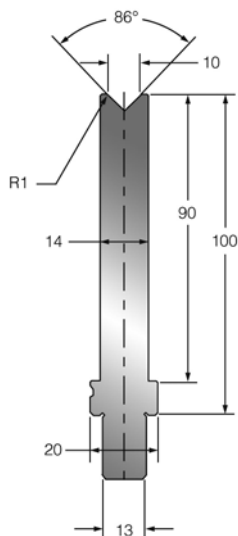
# Die V-Opening = 10mm



<b>Toolspress Profile</b>	<b>T10.86°</b>
<b>Trumpf Cat. No.</b>	<b>EV022 86°</b>
V-Opening	10
Angle	86°
Height	100
<b>Maximum Loading:</b>	<b>500 kN/m</b>
<b>Weight:</b>	<b>17.5 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
	40
	35
	30
	25

Mod. T10.86° also available with H=150

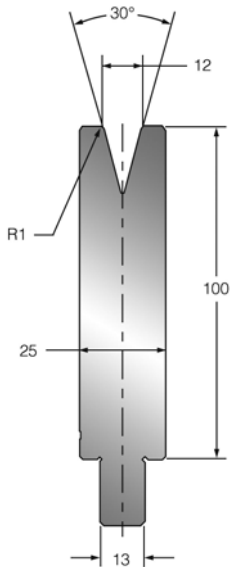


<b>Toolspress Profile</b>	<b>T10S.86°</b>
<b>Trumpf Cat. No.</b>	<b>EV022/S 86°</b>
V-Opening	10
Angle	86°
Height	100
<b>Maximum Loading:</b>	<b>380 kN/m</b>
<b>Weight:</b>	<b>13.3 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
	40
	35
	30
	25

Dimensions in mm

# Die V-Opening = 12mm

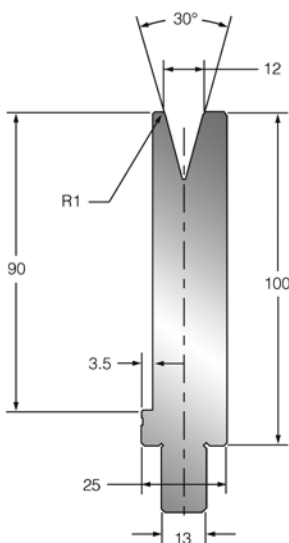


<b>Toolspress Profile</b>	<b>T12.30°</b>
<b>Trumpf Cat. No.</b>	<b>EV004 30°</b>
V-Opening	12
Angle	30°
Height	100
<b>Maximum Loading:</b>	<b>400 kN/m</b>
<b>Weight:</b>	<b>20.5 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

Mod. T12.30° also available with H=150

## Bolt Holes Standard



<b>Toolspress Profile</b>	<b>T12S.30°</b>
<b>Trumpf Cat. No.</b>	<b>EV004/S 30°</b>
V-Opening	12
Angle	30°
Height	100
<b>Maximum Loading:</b>	<b>250 kN/m</b>
<b>Weight:</b>	<b>18.0 kg/m</b>

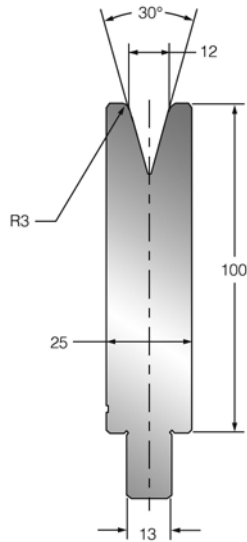
Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

Dimensions in mm

## Bolt Holes Standard



# Die V-Opening = 12mm



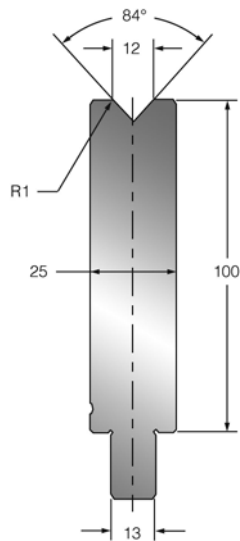
<b>Toolspress Profile</b>	<b>T12.30° R3</b>
<b>Trumpf Cat. No.</b>	<b>EV004 R3 30°</b>
V-Opening	12
Angle	30°
Height	100
<b>Maximum Loading:</b>	<b>400 kN/m</b>
<b>Weight:</b>	<b>20.3 kg/m</b>

<b>Version B</b>	<b>Sectionalised</b>
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

## Bolt Holes Standard

Dimensions in mm

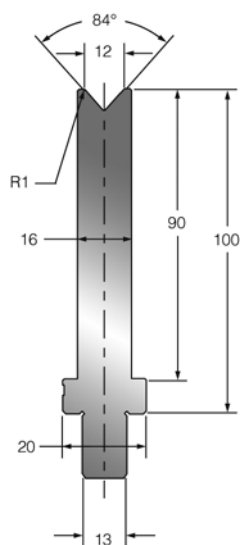
# Die V-Opening = 12mm



Toolspress Profile	T12.84°
<b>Trumpf Cat. No.</b>	<b>EV W12/84°</b>
V-Opening	12
Angle	84°
Height	100
<b>Maximum Loading:</b>	<b>500 kN/m</b>
<b>Weight:</b>	<b>21.4 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

Mod. T12.84° also available with H=150

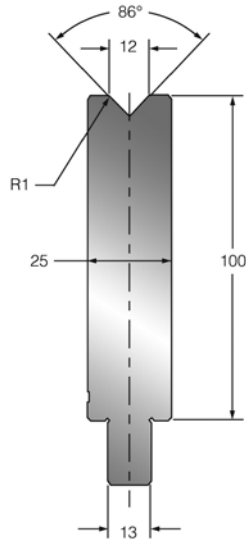


Toolspress Profile	T12S.84°
<b>Trumpf Cat. No.</b>	<b>EV/S W12/84°</b>
V-Opening	12
Angle	84°
Height	100
<b>Maximum Loading:</b>	<b>400 kN/m</b>
<b>Weight:</b>	<b>14.9 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

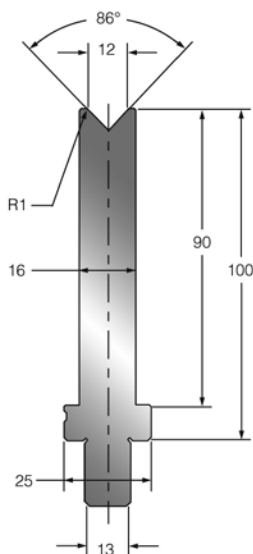
Dimensions in mm

# Die V-Opening = 12mm



<b>Toolspress Profile</b>	<b>T12.86°</b>
<b>Trumpf Cat. No.</b>	<b>EV023 86°</b>
V-Opening	12
Angle	86°
Height	100
<b>Maximum Loading:</b>	<b>500 kN/m</b>
<b>Weight:</b>	<b>21.4 kg/m</b>

<b>Version B</b>	<b>Sectionalised</b>
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
	40
	35
	30
	25

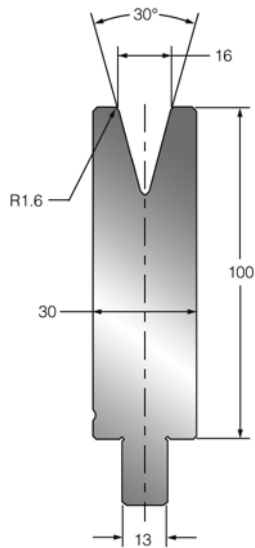


<b>Toolspress Profile</b>	<b>T12S.86°</b>
<b>Trumpf Cat. No.</b>	<b>EV023/S 86°</b>
V-Opening	12
Angle	86°
Height	100
<b>Maximum Loading:</b>	<b>400 kN/m</b>
<b>Weight:</b>	<b>14.9 kg/m</b>

<b>Version B</b>	<b>Sectionalised</b>
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
	40
	35
	30
	25

Dimensions in mm

# Die V-Opening = 16mm

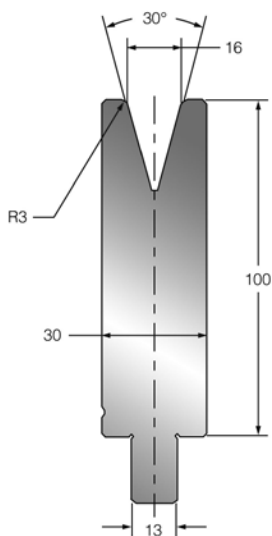


<b>Toolspress Profile</b>	<b>T16.30°</b>
<b>Trumpf Cat. No.</b>	<b>EV005 30°</b>
V-Opening	16
Angle	30°
Height	100
<b>Maximum Loading:</b>	<b>500 kN/m</b>
<b>Weight:</b>	<b>23.4 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

Mod. T16.30° also available with H=150

## Bolt Holes Standard



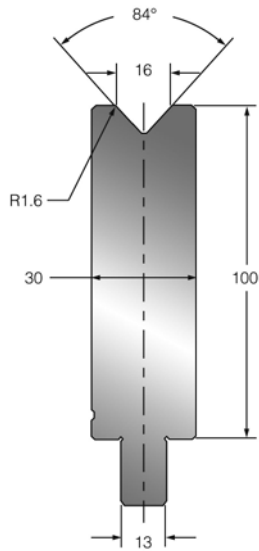
<b>Toolspress Profile</b>	<b>T16.30° R3</b>
<b>Trumpf Cat. No.</b>	<b>EV005 R3 30°</b>
V-Opening	16
Angle	30°
Height	100
<b>Maximum Loading:</b>	<b>500 kN/m</b>
<b>Weight:</b>	<b>23.3 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

Dimensions in mm

## Bolt Holes Standard

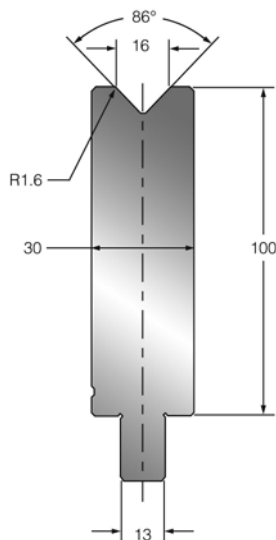
# Die V-Opening = 16mm



<b>Toolspress Profile</b>	<b>T16.84°</b>
<b>Trumpf Cat. No.</b>	<b>EV W16/84°</b>
V-Opening	16
Angle	84°
Height	100
<b>Maximum Loading:</b>	<b>700 kN/m</b>
<b>Weight:</b>	<b>25.0 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

Mod. T16.84° also available with H=150

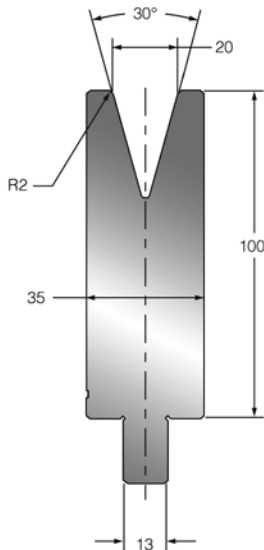


<b>Toolspress Profile</b>	<b>T16.86°</b>
<b>Trumpf Cat. No.</b>	<b>EV024 86°</b>
V-Opening	16
Angle	86°
Height	100
<b>Maximum Loading:</b>	<b>700 kN/m</b>
<b>Weight:</b>	<b>25.0 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
	40
	35
	30
	25

Dimensions in mm

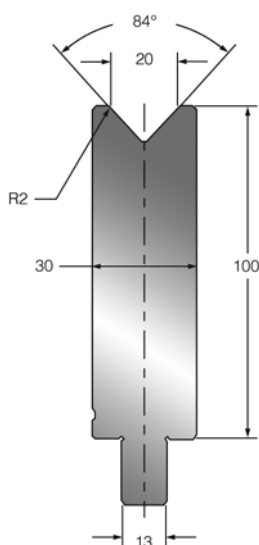
# Die V-Opening = 20mm



<b>Toolspress Profile</b>	<b>T20.30°</b>
<b>Trumpf Cat. No.</b>	<b>EV006 30°</b>
V-Opening	20
Angle	30°
Height	100
<b>Maximum Loading:</b>	<b>600 kN/m</b>
<b>Weight:</b>	<b>26.3 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

Mod. T20.30° also available with H=150



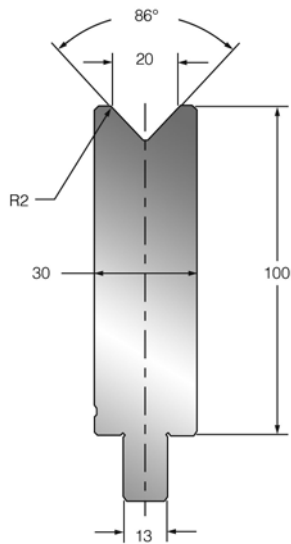
<b>Toolspress Profile</b>	<b>T20.84°</b>
<b>Trumpf Cat. No.</b>	<b>EV W20/84°</b>
V-Opening	20
Angle	84°
Height	100
<b>Maximum Loading:</b>	<b>700 kN/m</b>
<b>Weight:</b>	<b>24.6 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

Mod. T20.84° also available with H=150

Dimensions in mm

# Die V-Opening = 20mm



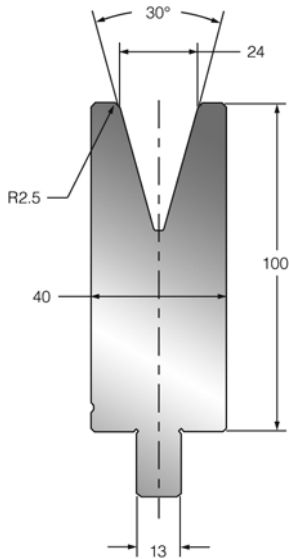
<b>Toolspress Profile</b>	<b>T20.86°</b>
<b>Trumpf Cat. No.</b>	<b>EV025 86°</b>
V-Opening	20
Angle	86°
Height	100
<b>Maximum Loading:</b>	<b>700 kN/m</b>
<b>Weight:</b>	<b>24.6 kg/m</b>

<b>Version B</b>	<b>Sectionalised</b>
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

Mod. T20.86° also available with H=150

Dimensions in mm

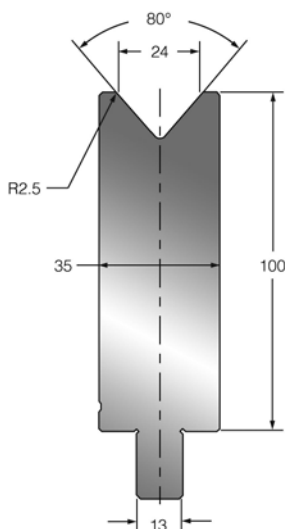
# Die V-Opening = 24mm



<b>Toolspress Profile</b>	<b>T24.30°</b>
<b>Trumpf Cat. No.</b>	<b>EV007 30°</b>
V-Opening	24
Angle	30°
Height	100
<b>Maximum Loading:</b>	<b>650 kN/m</b>
<b>Weight:</b>	<b>29.5 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

Mod. T24.30° also available with H=150



<b>Toolspress Profile</b>	<b>T24.80°</b>
<b>Trumpf Cat. No.</b>	<b>EV W24/80°</b>
V-Opening	24
Angle	80°
Height	100
<b>Maximum Loading:</b>	<b>700 kN/m</b>
<b>Weight:</b>	<b>28.1 kg/m</b>

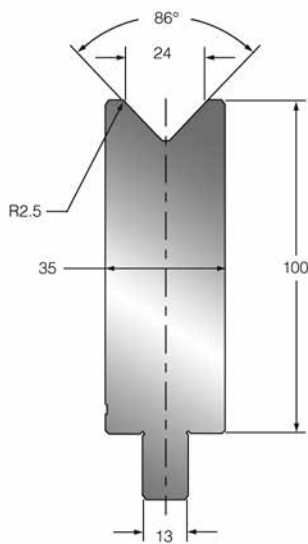
Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

Mod. T24.80° also available with H=150

Dimensions in mm



# Die V-Opening = 24mm

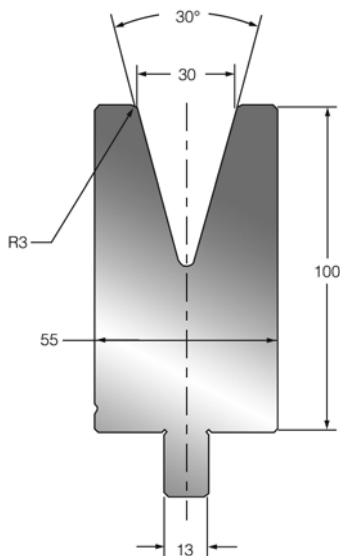


<b>Toolspress Profile</b>	<b>T24.86°</b>
<b>Trumpf Cat. No.</b>	<b>EV026 86°</b>
V-Opening	24
Angle	86°
Height	100
<b>Maximum Loading:</b>	<b>700 kN/m</b>
<b>Weight:</b>	<b>28.2 kg/m</b>

<b>Version B</b>	<b>Sectionalised</b>
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
	40
	35
	30
	25

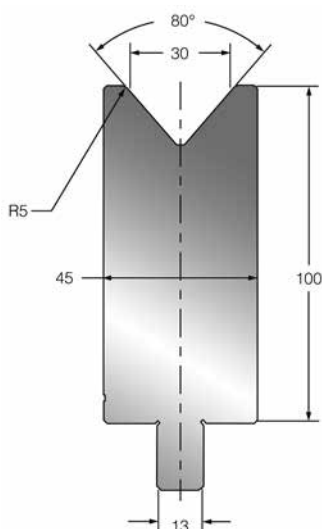
Dimensions in mm

# Die V-Opening = 30mm



Toolspress Profile	T30.30°
Trumpf Cat. No.	EV W30/30°
V-Opening	30
Angle	30°
Height	100
<b>Maximum Loading:</b>	<b>900 kN/m</b>
<b>Weight:</b>	<b>37.8 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25



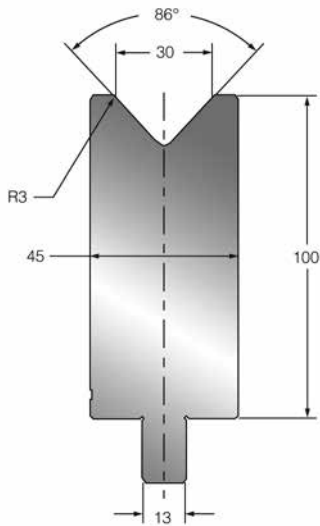
Toolspress Profile	T30.80°
Trumpf Cat. No.	EV W30/80°
V-Opening	30
Angle	80°
Height	100
<b>Maximum Loading:</b>	<b>900 kN/m</b>
<b>Weight:</b>	<b>34.8 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

Mod. T30.80° also available with H=150

Dimensions in mm

# Die V-Opening = 30mm

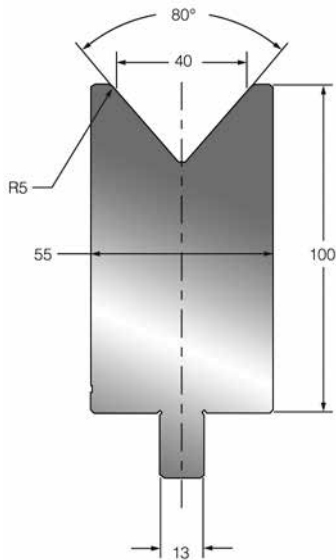


<b>Toolspress Profile</b>	<b>T30.86°</b>
<b>Trumpf Cat. No.</b>	<b>EV027 86°</b>
V-Opening	30
Angle	86°
Height	100
<b>Maximum Loading:</b>	<b>750 kN/m</b>
<b>Weight:</b>	<b>34.7 kg/m</b>

<b>Version B</b>	<b>Sectionalised</b>
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
	40
	35
	30
	25

Dimensions in mm

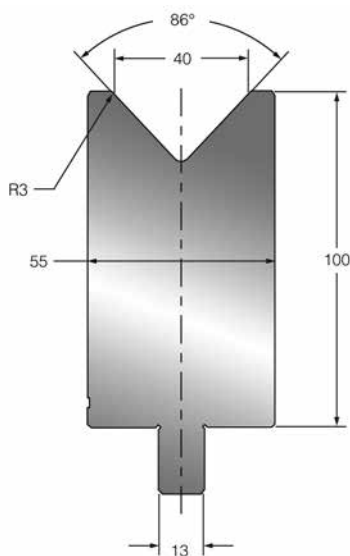
# Die V-Opening = 40mm



Toolspress Profile	T40.80°
Trumpf Cat. No.	EV W40/80°
V-Opening	40
Angle	80°
Height	100
<b>Maximum Loading:</b>	<b>1200 kN/m</b>
<b>Weight:</b>	<b>40.8 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

Mod. T40.80° also available with H=150

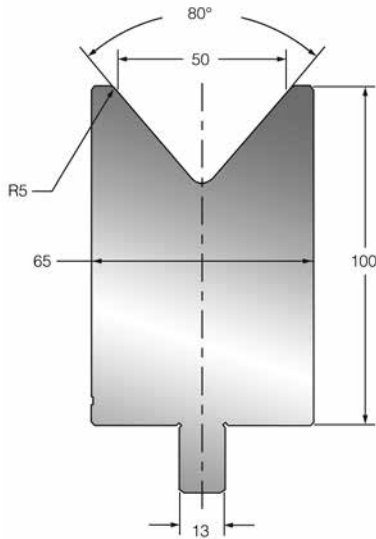


Toolspress Profile	T40.86°
Trumpf Cat. No.	EV028 86°
V-Opening	40
Angle	86°
Height	100
<b>Maximum Loading:</b>	<b>1200 kN/m</b>
<b>Weight:</b>	<b>41.6 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
	40
	35
	30
	25

Dimensions in mm

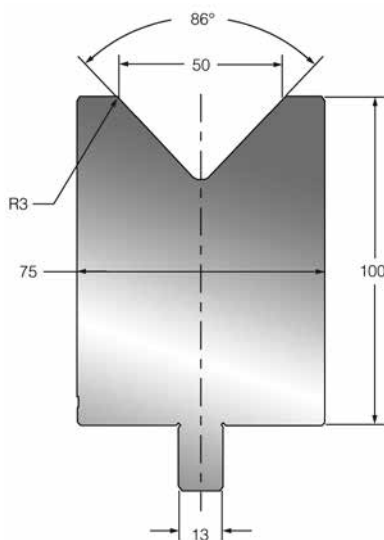
# Die V-Opening = 50mm



<b>Toolspress Profile</b>	<b>T50.80°</b>
<b>Trumpf Cat. No.</b>	<b>EV W50/80°</b>
V-Opening	50
Angle	80°
Height	100
<b>Maximum Loading:</b>	<b>1500 kN/m</b>
<b>Weight:</b>	<b>46.4 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

Mod. T50.80° also available with H=150

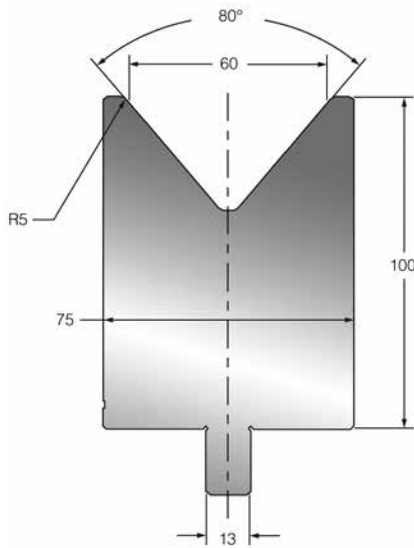


<b>Toolspress Profile</b>	<b>T50.86°</b>
<b>Trumpf Cat. No.</b>	<b>EV029 86°</b>
V-Opening	50
Angle	86°
Height	100
<b>Maximum Loading:</b>	<b>1500 kN/m</b>
<b>Weight:</b>	<b>55.4 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
	40
	35
	30
	25

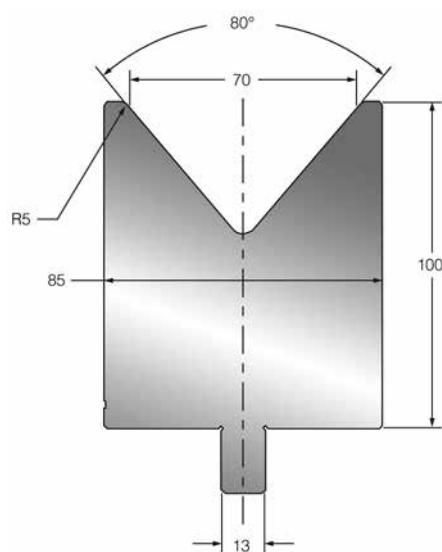
Dimensions in mm

# Die V-Opening = 60mm - 70mm



<b>Toolspress Profile</b>	<b>T60.80°</b>
<b>Trumpf Cat. No.</b>	<b>EV W60/80°</b>
V-Opening	60
Angle	80°
Height	100
<b>Maximum Loading:</b>	<b>1500 kN/m</b>
<b>Weight:</b>	<b>51.6 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	300
Length 1050	200
<b>Version A</b>	100
<b>Description</b>	50
Length 2050	45
Length 1250	40
Length 1050	35
	30
	25

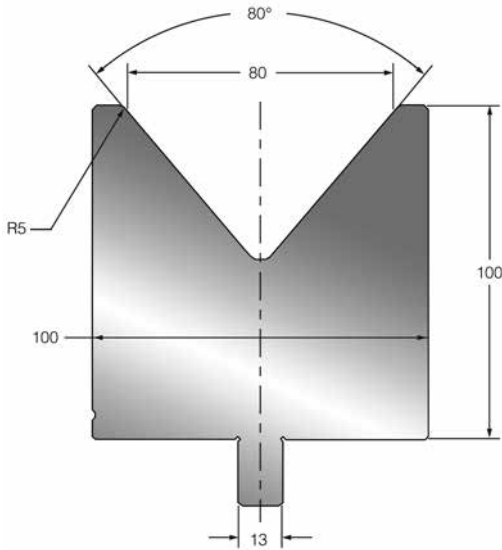


<b>Toolspress Profile</b>	<b>T70.80°</b>
<b>Trumpf Cat. No.</b>	<b>EV W70/80°</b>
V-Opening	70
Angle	80°
Height	100
<b>Maximum Loading:</b>	<b>1500 kN/m</b>
<b>Weight:</b>	<b>56.2 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	300
Length 1050	200
<b>Version A</b>	100
<b>Description</b>	50
Length 2050	45
Length 1250	40
Length 1050	35
	30
	25

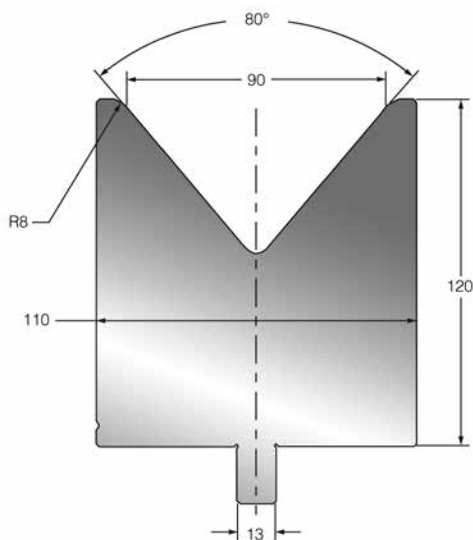
Dimensions in mm

# Die V-Opening = 80mm - 90mm



<b>Toolspress Profile</b>	<b>T80.80°</b>
<b>Trumpf Cat. No.</b>	<b>EV W80/80°</b>
V-Opening	80
Angle	80°
Height	100
<b>Maximum Loading:</b>	<b>1500 kN/m</b>
<b>Weight:</b>	<b>64.3 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	300
Length 1050	200
<b>Version A</b>	100
<b>Description</b>	50
Length 2050	45
Length 1250	40
Length 1050	35
	30
	25

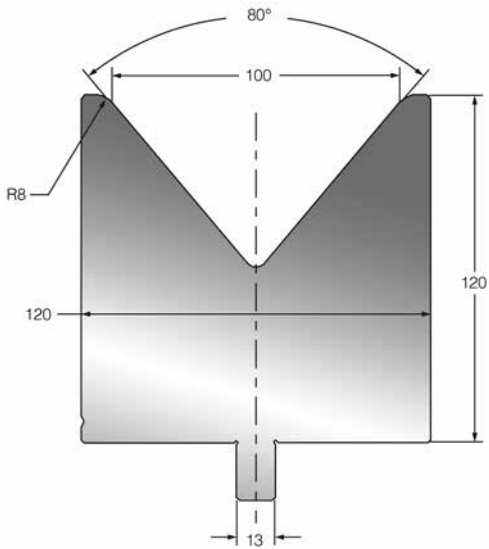


<b>Toolspress Profile</b>	<b>T90.80°</b>
<b>Trumpf Cat. No.</b>	<b>EV W90/80°</b>
V-Opening	90
Angle	80°
Height	120
<b>Maximum Loading:</b>	<b>1500 kN/m</b>
<b>Weight:</b>	<b>84.5 kg/m</b>

Version B	Sectionalised
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	200
Length 1050	100
<b>Version A</b>	50
<b>Description</b>	45
Length 2050	40
Length 1250	35
Length 1050	30
	25

Dimensions in mm

# Die V-Opening = 100mm



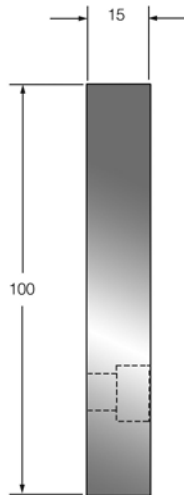
<b>Toolspress Profile</b>	<b>T100.80°</b>
<b>Trumpf Cat. No.</b>	<b>EV W100/80°</b>
V-Opening	100
Angle	80°
Height	120
<b>Maximum Loading:</b>	<b>1500 kN/m</b>
<b>Weight:</b>	<b>89.2 kg/m</b>

<b>Version B</b>	<b>Sectionalised</b>
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	200
Length 1050	100
<b>Version A</b>	50
<b>Description</b>	45
Length 2050	40
Length 1250	35
Length 1050	30
	25

Dimensions in mm

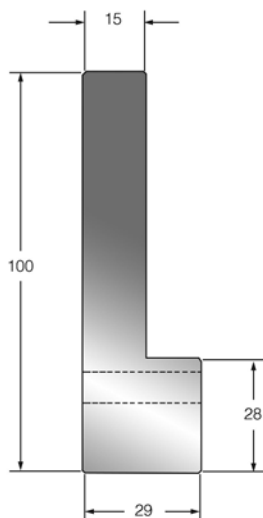


# Hemming



<b>Toolspress Profile</b>	<b>ZDL 100</b>
<b>Trumpf Cat. No.</b>	<b>ZDL</b>
Height	100
<b>Maximum Loading:</b>	<b>1300 kN/m</b>
<b>Weight:</b>	<b>11.6 kg/m</b>

<b>Version B</b>	<b>Sectionalised</b>
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

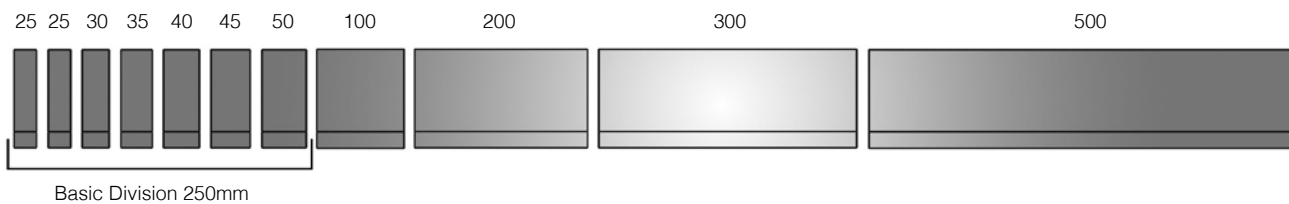


<b>Toolspress Profile</b>	<b>FWZ 100</b>
<b>Trumpf Cat. No.</b>	<b>FWZ</b>
V-Opening	100
<b>Maximum Loading:</b>	<b>1200 kN/m</b>
<b>Weight:</b>	<b>14.8 kg/m</b>

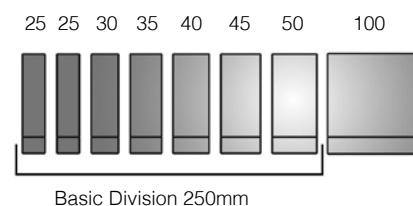
<b>Version B</b>	<b>Sectionalised</b>
<b>Description</b>	<b>Description</b>
Length 4050	Length 250
Length 3050	Length 550
Length 2550	<b>Single</b>
Length 2050	<b>Description</b>
Length 1250	500
Length 1050	300
<b>Version A</b>	200
<b>Description</b>	100
Length 2050	50
Length 1250	45
Length 1050	40
	35
	30
	25

Dimensions in mm

# System Division - Dies



Division version for tool sets with a weight up to 50 kg/m						
System Division Version B						
Set	250X	100	200	300	500	
550	1	3	0	0	0	
1050B	1	3	1	1	0	
1250B	1	3	2	1	0	
2050B	1	3	1	1	2	
2550B	1	3	1	1	3	
3050B	1	3	1	1	4	
4050B	1	3	1	1	6	
Division version for tool sets with weights starting from 50 kg/m						
For Dies: T60.80°, T70.80° & T80.80° ONLY						
Set	250X	100	200	300		
550	1	3	0	0		
1050	1	3	1	1		
1250B	1	3	2	1		
2050B	1	3	3	3		
2550B	1	3	4	4		
3050B	1	3	5	5		
4050B	1	3	7	7		
Division version for tool sets with weights of more than 83 kg/m						
For Dies: T90.80° & T100.80° ONLY						
Set	250X	100	200			
550	1	3	0			
1050	1	2	3			
1250B	1	4	3			
2050B	1	6	6			
2550B	1	7	8			
3050B	1	8	10			
4050B	1	10	14			
Benefits:						
• High flexibility			• Fewer tool change-overs			
• Short tool set-up time			• Version most often selected and recommended			
• Low purchase cost						

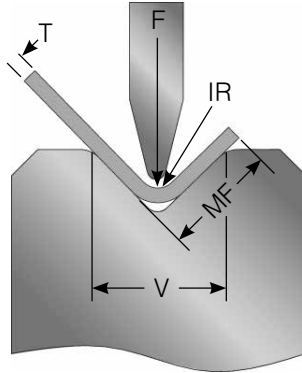


System Division Version A						
Set	250X	100				
550	1	3				
1050A	1	8				
1250A	1	10				
2050A	1	18				
Benefits:						
• Maximum flexibility						
• Minimum tool set-up time						
• Weight of the individual part pieces very low						
System Division Version B/A						
The combination of a punch block A-division and a die in B-division will not cause any problems.						

# Press Force Table

Required Press Force for 90° Air Bends

T = Material Thickness  
 F = Press Force (kN/m)  
 IR = Inside Radius  
 MF = Minimum Flange  
 V = Die V Opening



## Notes

- \* Optimum Die
- F in kN
- T, MF, V, IR in mm

		Material 400 N / mm <sup>2</sup> Mild Steel																
		6	8	10	12	16	20	24	30	40	50	60	70	80	90	100	120	V
		4.5	6	7.5	9	12	15	18	22.5	30	37.5	45	52.5	60	67.5	75	90	MF
		1	1.3	1.6	1.9	2.6	3.2	3.8	4.8	6.4	8	9.6	11	13	14	16	19	IR
Material Thickness	0.75	52*	39	31	26													
	1	93	70*	56	47	35												
	1.25	145	109	87*	73	55	44											
	1.5	209	157	126	105*	79	63											
	1.75		214	171	143*	107	86	71										
	2			223	186	140*	112	93										
	2.5				291	218	175*	145	116									
	3					314	251	209*	168	126								
	3.5					428	342	285	228*	171	137							
	4						447	372	298*	223	179	149						
	4.5						566	471	377	283*	226	189	162					
	5								466	349*	279	233	200	175				
6								670	503	402*	335	287	251	223				
7									684	547*	456*	391	342	304	274			
8										715	596*	511*	447	397	358	298		
10												798*	698*	621	559	466		
12													1005	894*	804*	670		

		Material 700 N / mm <sup>2</sup> Mild Steel																
		6	8	10	12	16	20	24	30	40	50	60	70	80	90	100	120	V
		4.5	6	7.5	9	12	15	18	22.5	30	37.5	45	52.5	60	67.5	75	90	MF
		1	1.3	1.6	1.9	2.6	3.2	3.8	4.8	6.4	8	9.6	11	13	14	16	19	IR
Material Thickness	0.75	87*	65	52	44													
	1	155	116*	93	78	58												
	1.25	242	182	145*	121	91	73											
	1.5	349	262	209	175*	131	105											
	1.75		356	285	238*	178*	143	119										
	2			372	310	233*	186	155										
	2.5				485	364	291*	242	194									
	3					524	419	349*	279	209								
	3.5						570	475	380*	285	228							
	4							621	497*	372	298	248						
	4.5								628	471*	377	314	269					
	5									582*	466	388	333	291				
6									838	670*	559	479	419					
7										912*	760*	652	570	507				
8										1192	993*	851*	745	662	596			
10												1330*	1164*	1034	931	776		
12													1675	1490*	1340*	1118		

## TOOLSPRESS IN THE WORLD



**tools**  **press**

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