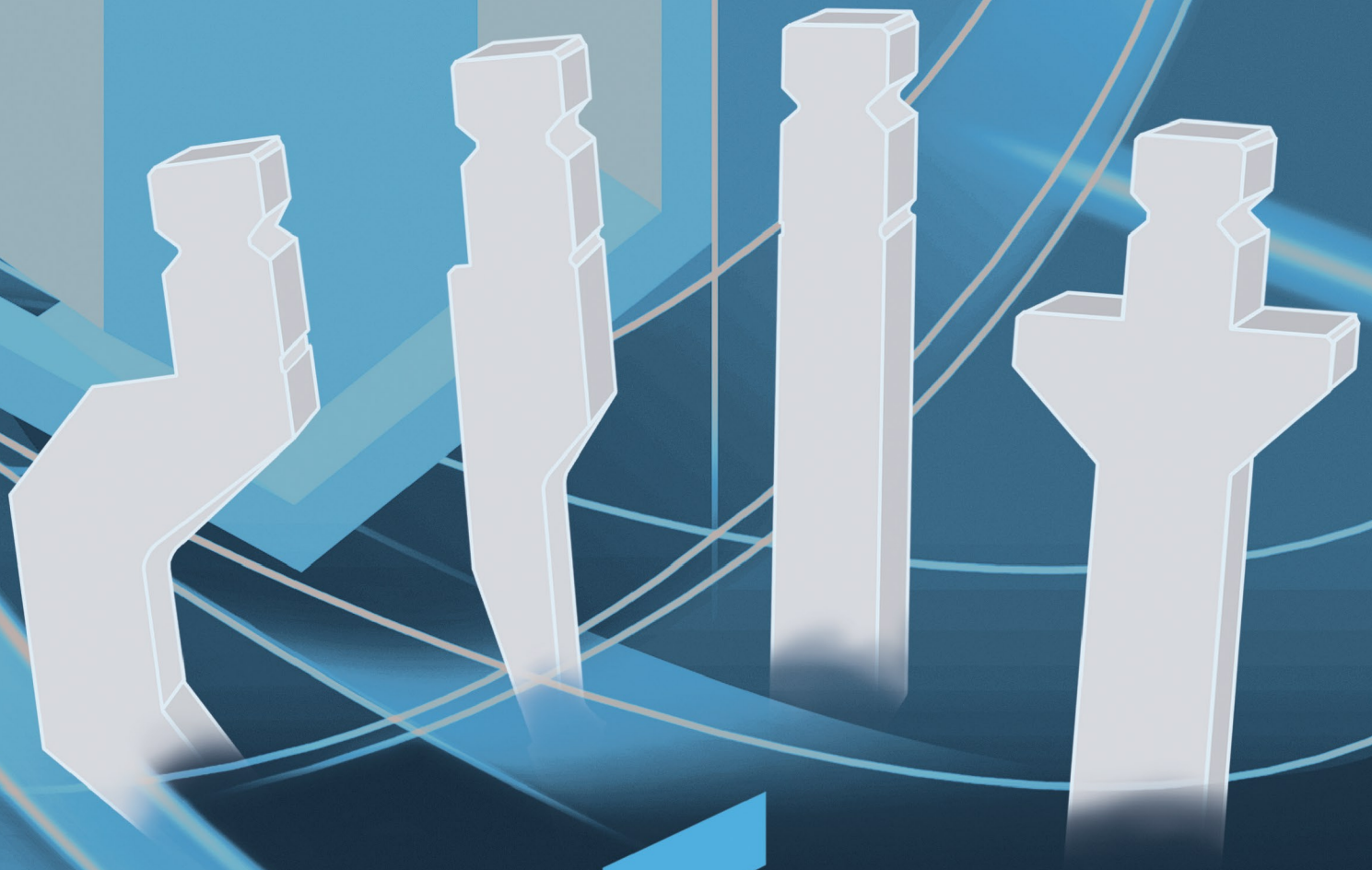




Toolspress

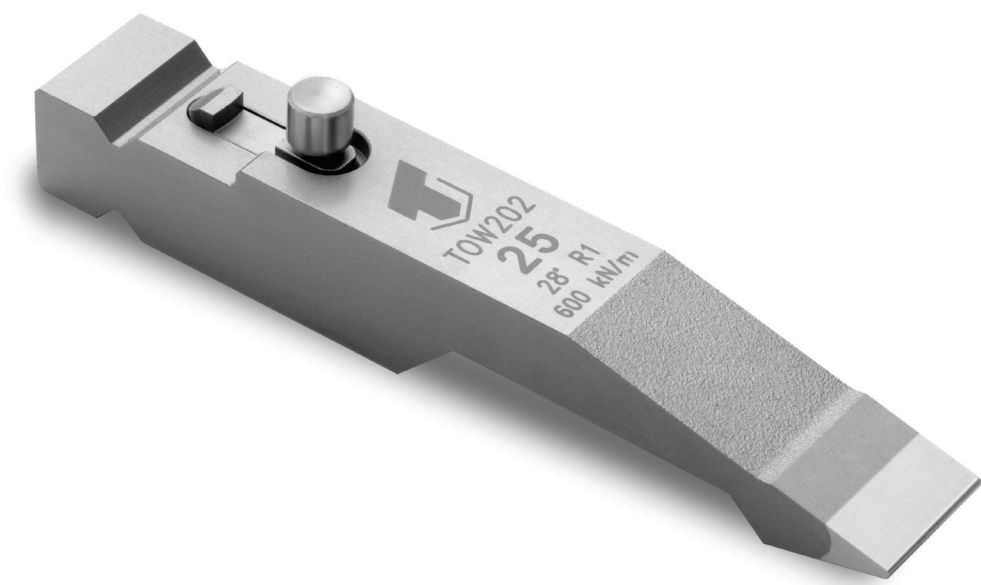
high quality tooling systems



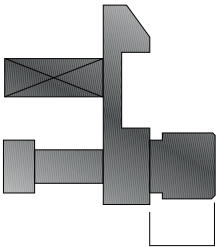
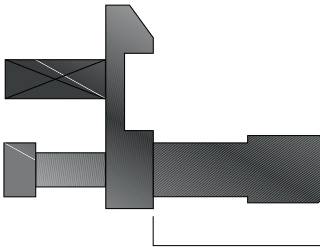
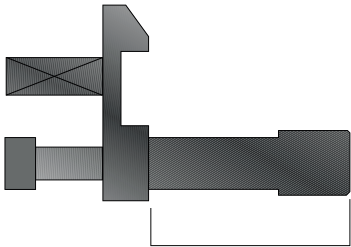
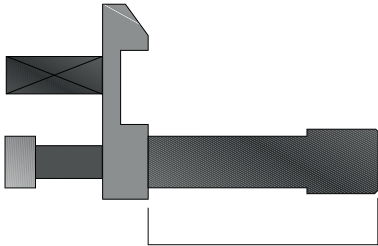
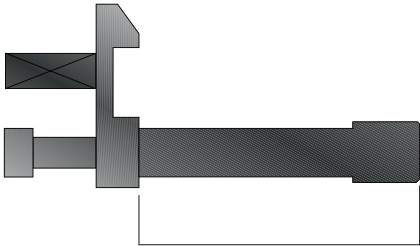
tools  **press**

TRUMPF STYLE
Press Brake Tooling

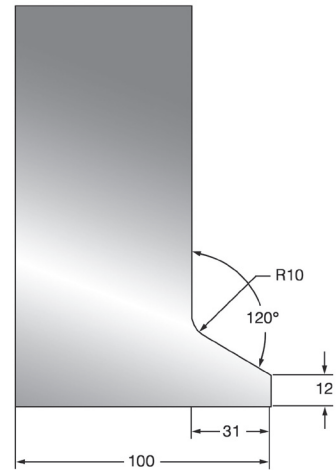
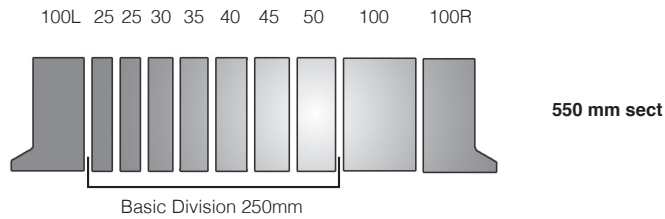
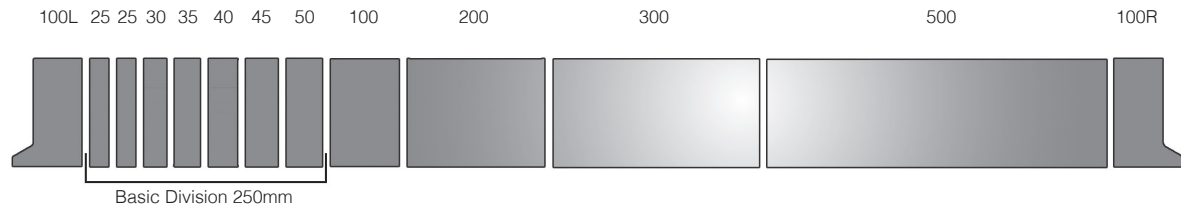




Safety clicks standard on all punches below 12,7 kg

Description Punch Button Assembly - 10mm	Description Punch Button Assembly - 24mm	Description Punch Button Assembly - 30mm
		
Description Punch Button Assembly - 35mm	Description Punch Button Assembly - 45mm	
		

System division - Punches



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

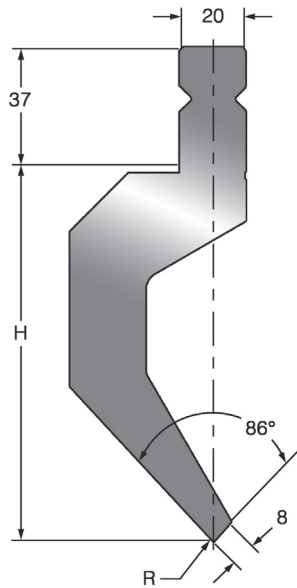
Benefit version A

-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



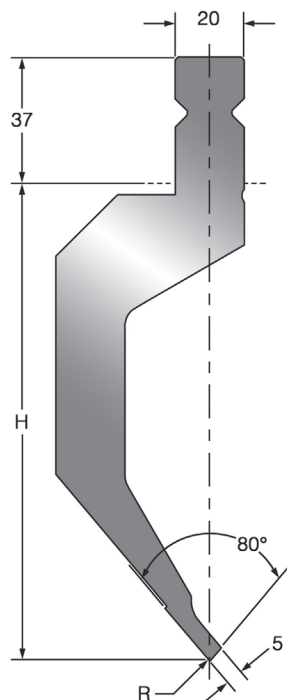
Toolspress Profile	TOW200
Trumpf Profile	OW200/K
Radius	R1
Angle	86°
Height	120
Maximum Loading:	800 kN/m
Weight:	29.1 kg/m

Version B	Sectionalised
Description	Description
Length 4050	250
Length 3050	550
Length 2550	
Length 2050	Single
Length 1250	Description
Length 1050	500
	300
	200
Version A	Horn right
Description	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	R2.5	R3	R3.2	R4	Radius
86°	86°	86°	86°	86°	86°	86°	86°	Angle
119.8	119.2	119.2	119	119	118.7	118.6	118.3	Height

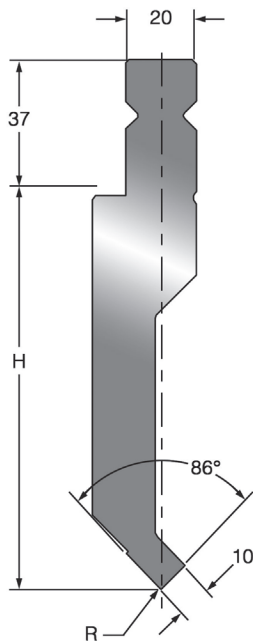
Punches - Thin Tip



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

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

Punches - Goose Neck



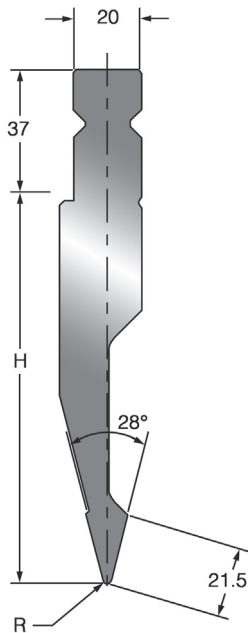
Toolspress Profile	TOW201
Trumpf Profile	OW201/K
Radius	R1
Angle	86°
Height	120
Maximum Loading:	800 kN/m
Weight:	24.3 kg/m

Version B	Sectionalised
Description	Description
Length 4050	250
Length 3050	550
Length 2550	
Length 2050	Single
Length 1250	Description
Length 1050	500
	300
	200
Version A	Horn right
Description	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	R2.5	R3	R3.2	R4	Radius
86°	86°	86°	86°	86°	86°	86°	86°	Angle
119.8	119.4	119.2	119	119	118.8	118.6	118.2	Height

Punches - Pointed with Recess



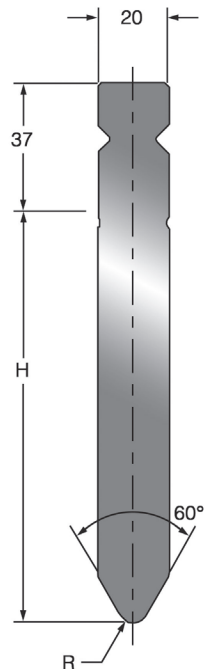
Toolspress Profile	TOW202
Trumpf Profile	OW202/K
Radius	R1
Angle	28°
Height	120
Max. Loading (Bending):	600 kN/m
Max. Loading (Flattening):	800 kN/m
Weight:	19.5 kg/m

Version B	Sectionalised
Description	Description
Length 4050	250
Length 3050	550
Length 2550	
Length 2050	Single
Length 1250	Description
Length 1050	500
	300
	200
Version A	Horn right
Description	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	R2.5	R3	R3.2	R4	Radius
28°	28°	28°	28°	28°	28°	28°	28°	Angle
119.8	117.2	116	115.1	114.4	112.8	112.7	109.8	Height

Punches - Pointed/Bottoming



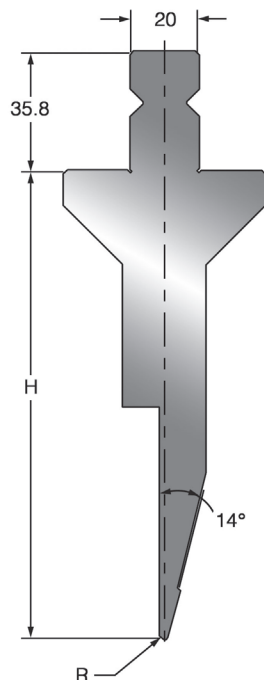
Toolspress Profile	TOW203
Trumpf Profile	OW203/K
Radius	R4
Angle	60°
Height	120
Maximum Loading:	1800 kN/m
Weight:	23.3 kg/m

Version B	Sectionalised
Description	Description
Length 4050	250
Length 3050	550
Length 2550	
Length 2050	Single
Length 1250	Description
Length 1050	500
	300
	200
Version A	Horn right
Description	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	R5	R6	R6.35	Radius
60°	60°	60°	60°	60°	60°	60°	Angle
119.8	119.8	119.8	119.1	118.8	117.6	117.2	Height

Punches - Pointed with Flattened Spot



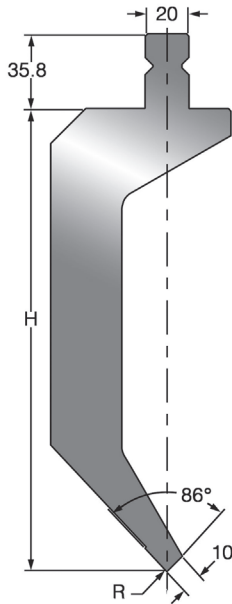
Toolspress Profile	TOW210
Trumpf Profile	OW210
Radius	R1
Angle	28°
Height	140
Max. Loading (Bending):	400 kN/m
Max. Loading (Flattening):	1300 kN/m
Weight:	28.9 kg/m

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

Dimensions in mm

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

Punches - Swan Neck



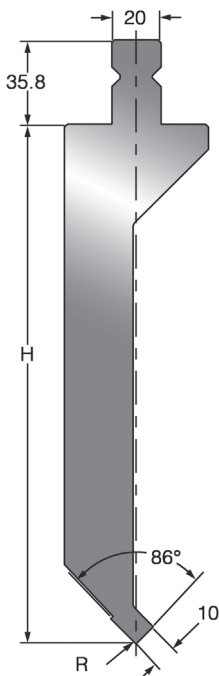
Toolspress Profile	TOW200S
Trumpf Profile	OW200/S
Radius	R1
Angle	86°
Height	220
Maximum Loading:	800 kN/m
Weight:	66,3 kg/m

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

Dimensions in mm

Modified Punch Tip Radii									
R0.5	R1.6	R2	R2.3	R2.5	R3	R3.2	R4	R6	Radius
86°	86°	86°	86°	86°	86°	86°	86°	86°	Angle
219.8	219.2	219.2	219	218.7	218.5	218.5	218.3	217.5	Height

Punches - Goose Neck



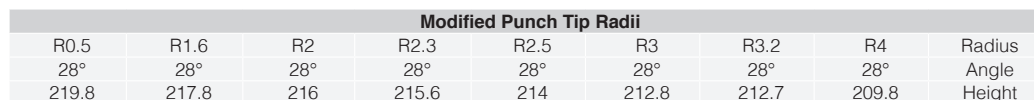
Toolspress Profile	TOW201S
Trumpf Profile	OW201/S
Radius	R1
Angle	86°
Height	220
Maximum Loading:	800 kN/m
Weight:	57.0 kg/m

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

Dimensions in mm

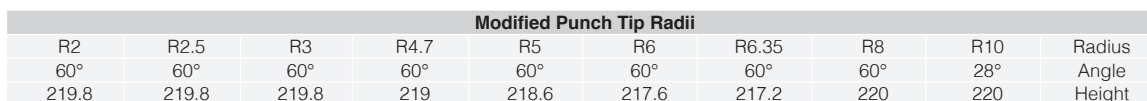
Modified Punch Tip Radii									
R0.5	R1.6	R2	R2.3	R2.5	R3	R3.2	R4		Radius
86°	86°	86°	86°	86°	86°	86°	86°	86°	Angle
219.8	219.4	219.2	219	218.7	218.8	218.6	218.3		Height

Punches - Pointed/Bottoming



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

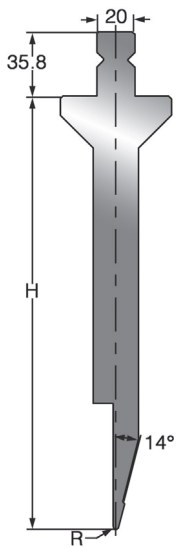
Dimensions in mm



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

Dimensions in mm

Punches - Pointed with Flattening Spot



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

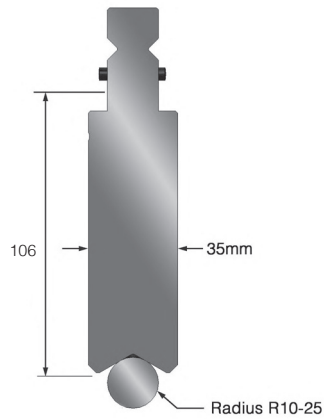
Version B	Sectionalised
Description	Description
Length 4050	250
Length 3050	550
Length 2550	Single
Length 2050	Description
Length 1250	500
Length 1050	300
Version A	200
Description	Horn right
Length 2050	Horn Left
Length 1250	100
Length 1050	50
	45
	40
	35
	30
	25

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

Dimensions in mm

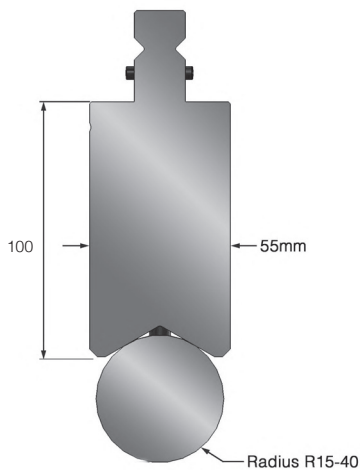
Radius Punches

- 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



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

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



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

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

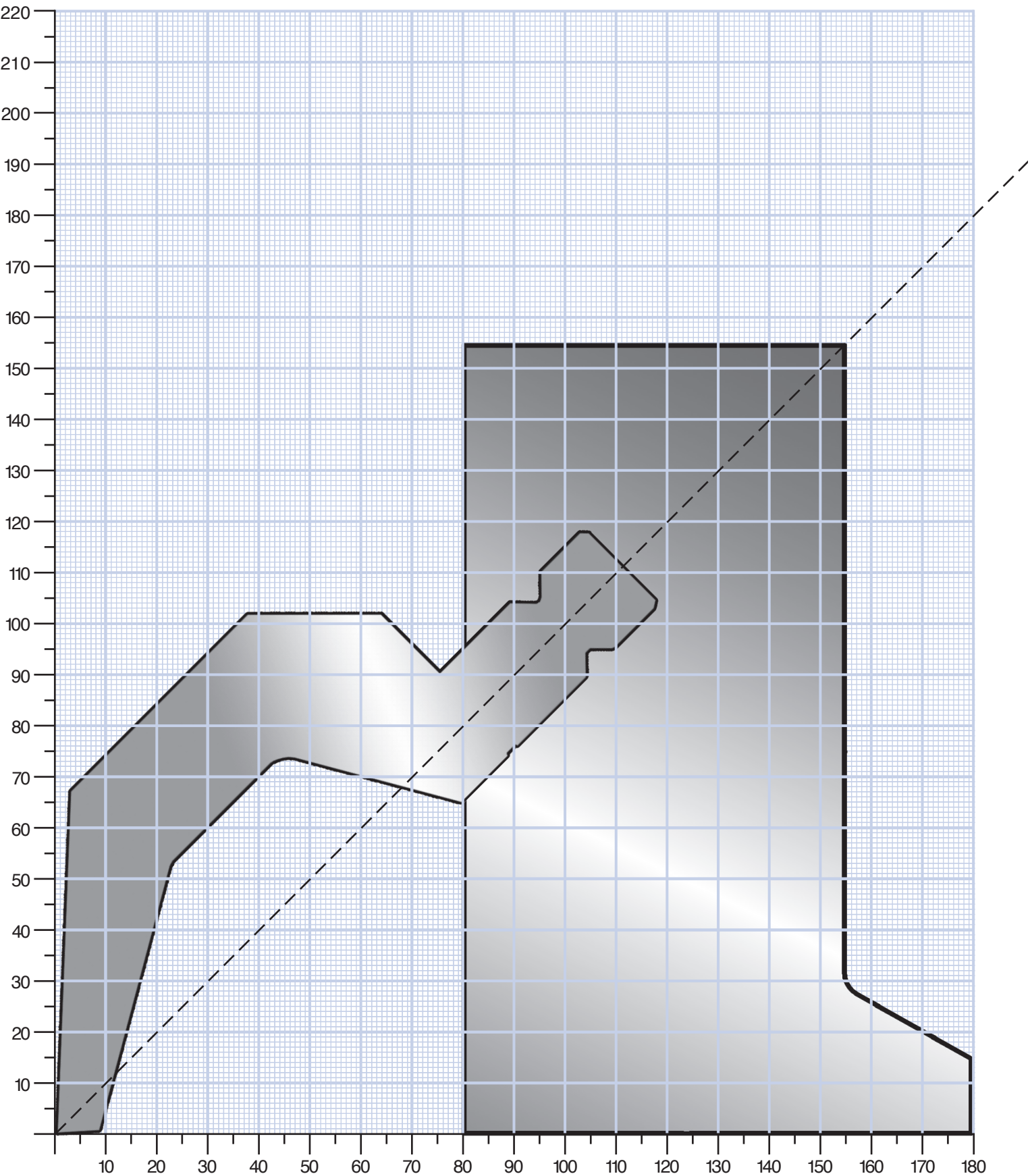
Standard Radius insert

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

Other Radius inserts available on request

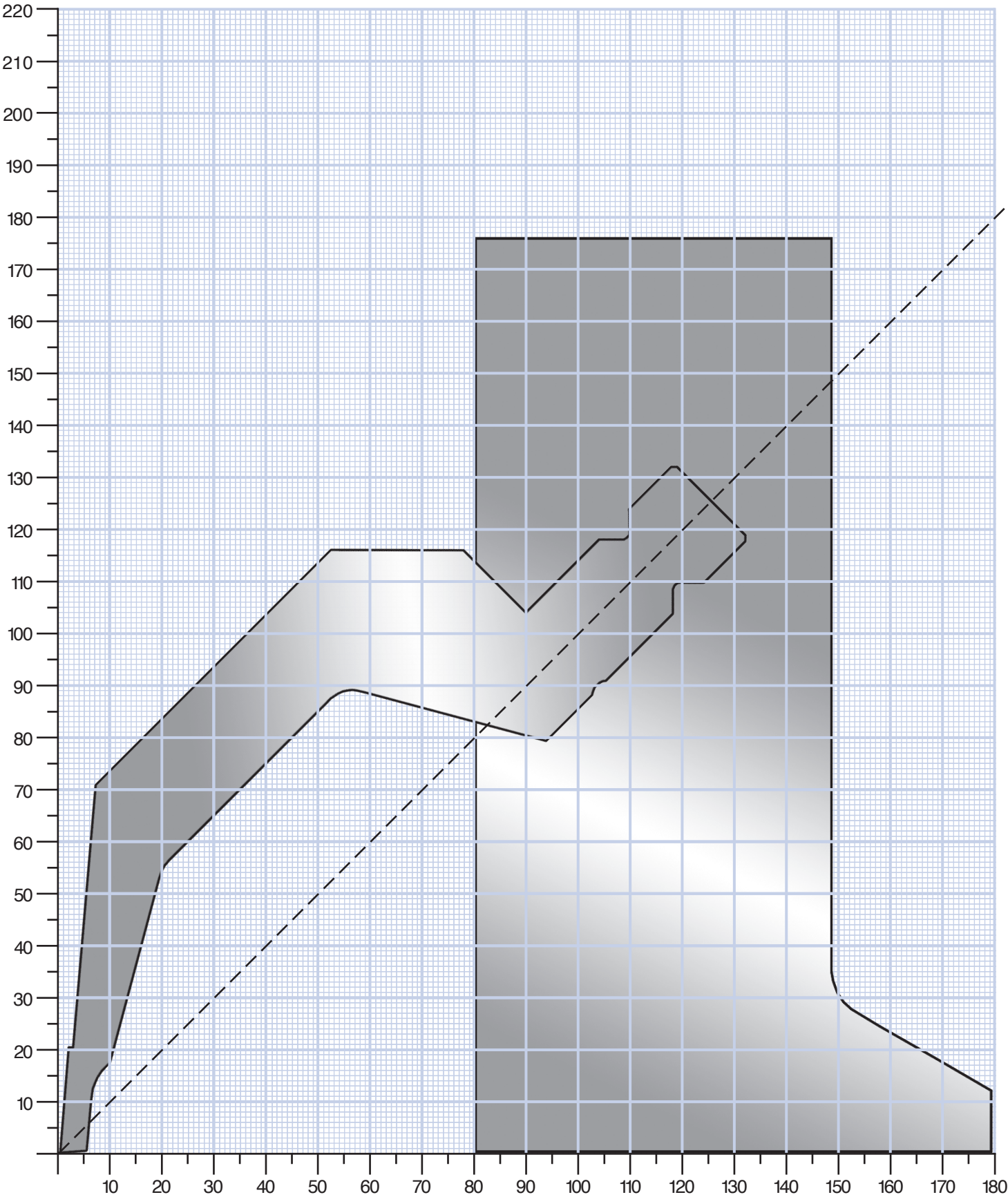
Bend Limit Graph

TOW200 Swan-Neck Punch



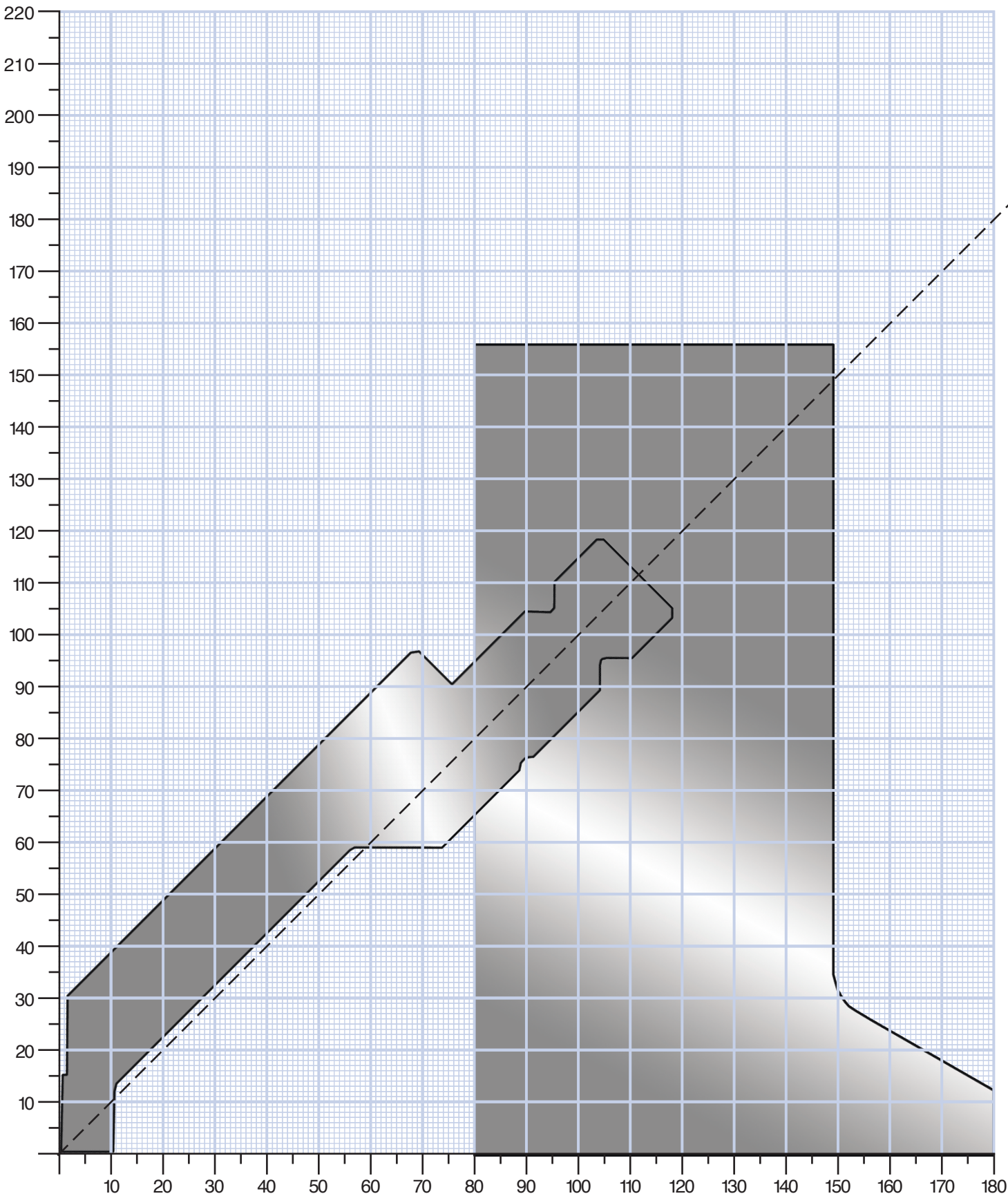
Bend Limit Graph

TOW280 Thin Tip Punch



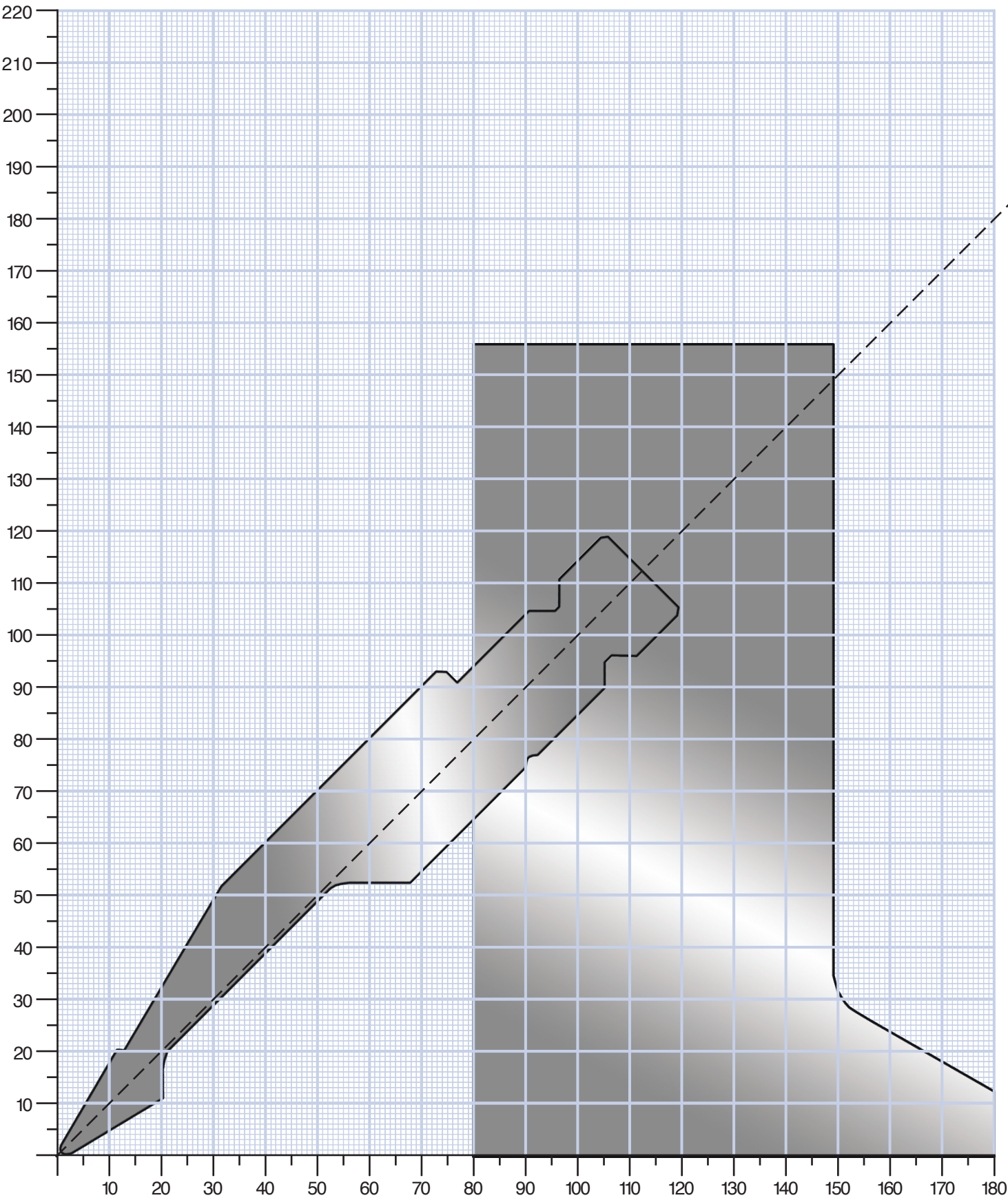
Bend Limit Graph

TOW201 Goose-Neck Punch



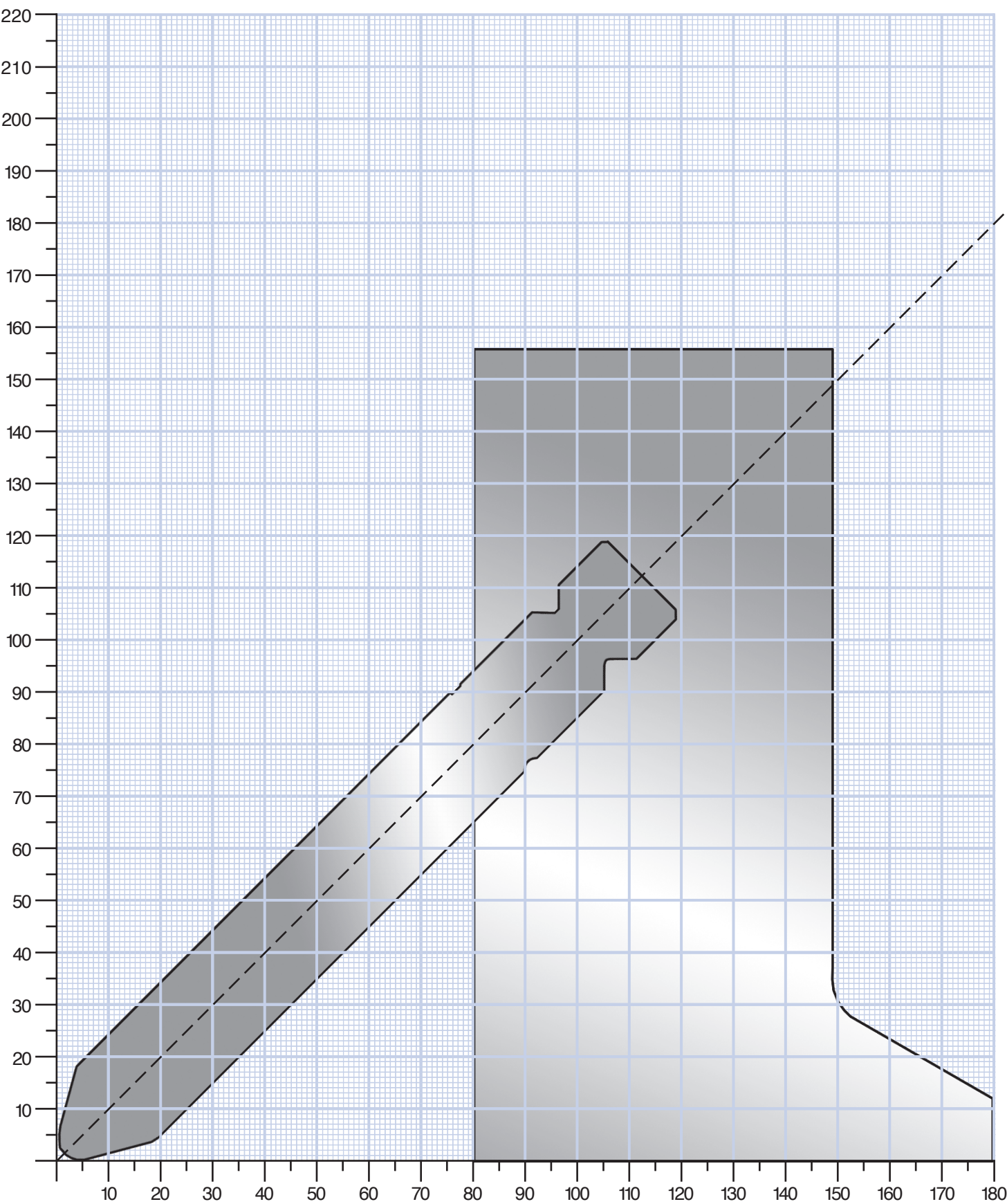
Bend Limit Graph

TOW202 Pointed with Recess Punch



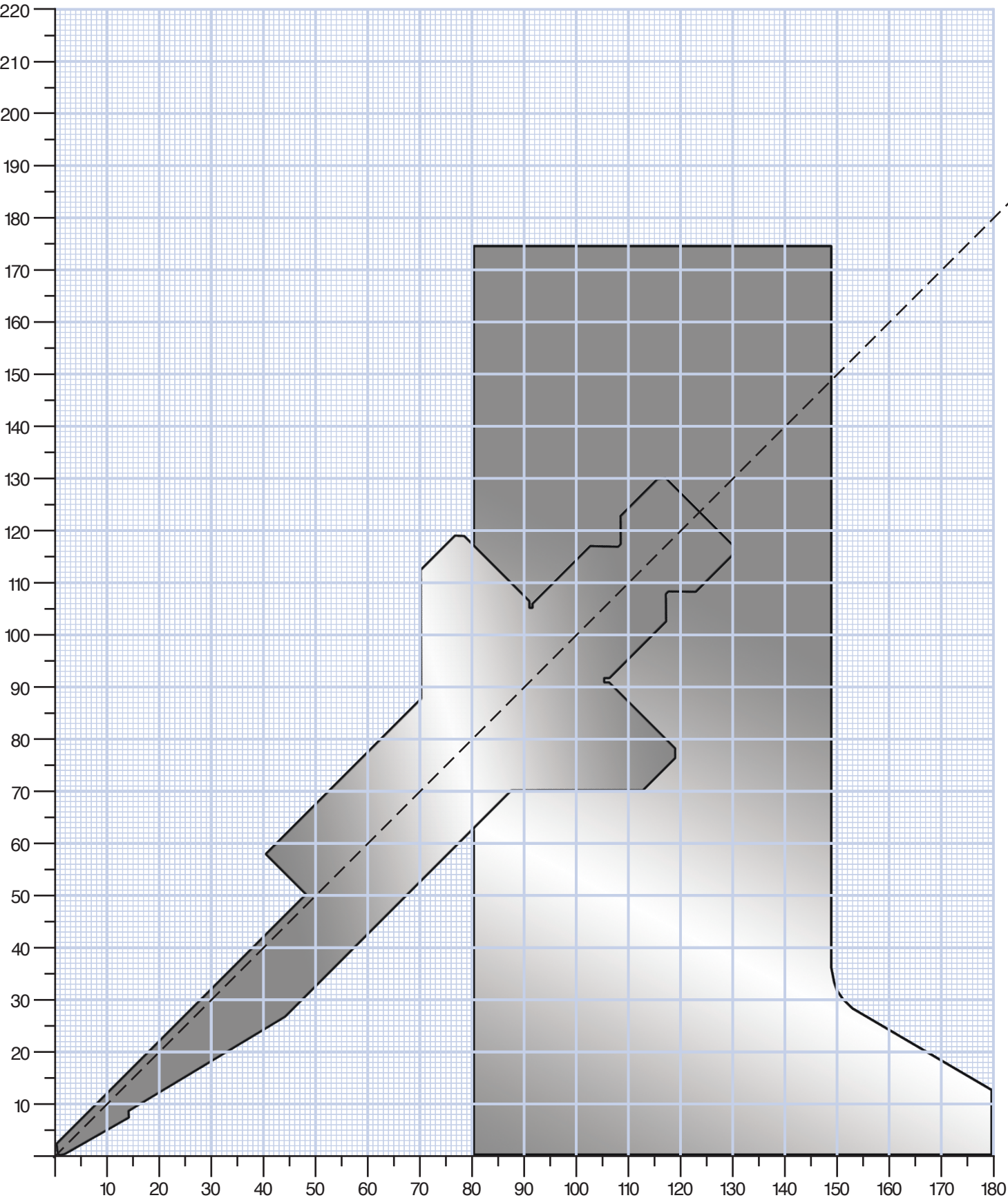
Bend Limit Graph

TOW203 Pointed/Bottoming Punch



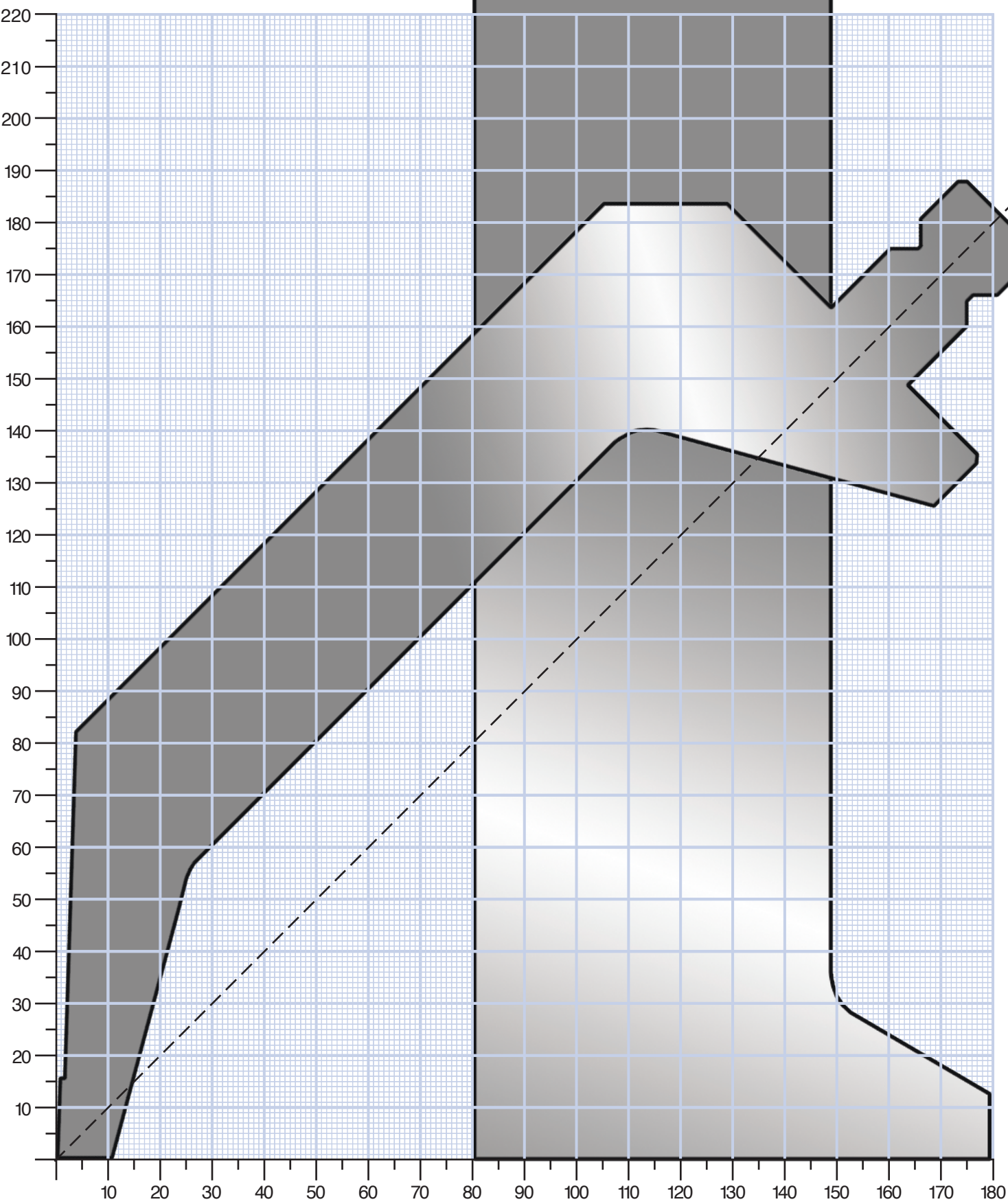
Bend Limit Graph

TOW210 Pointed with Flattened Spot Punch

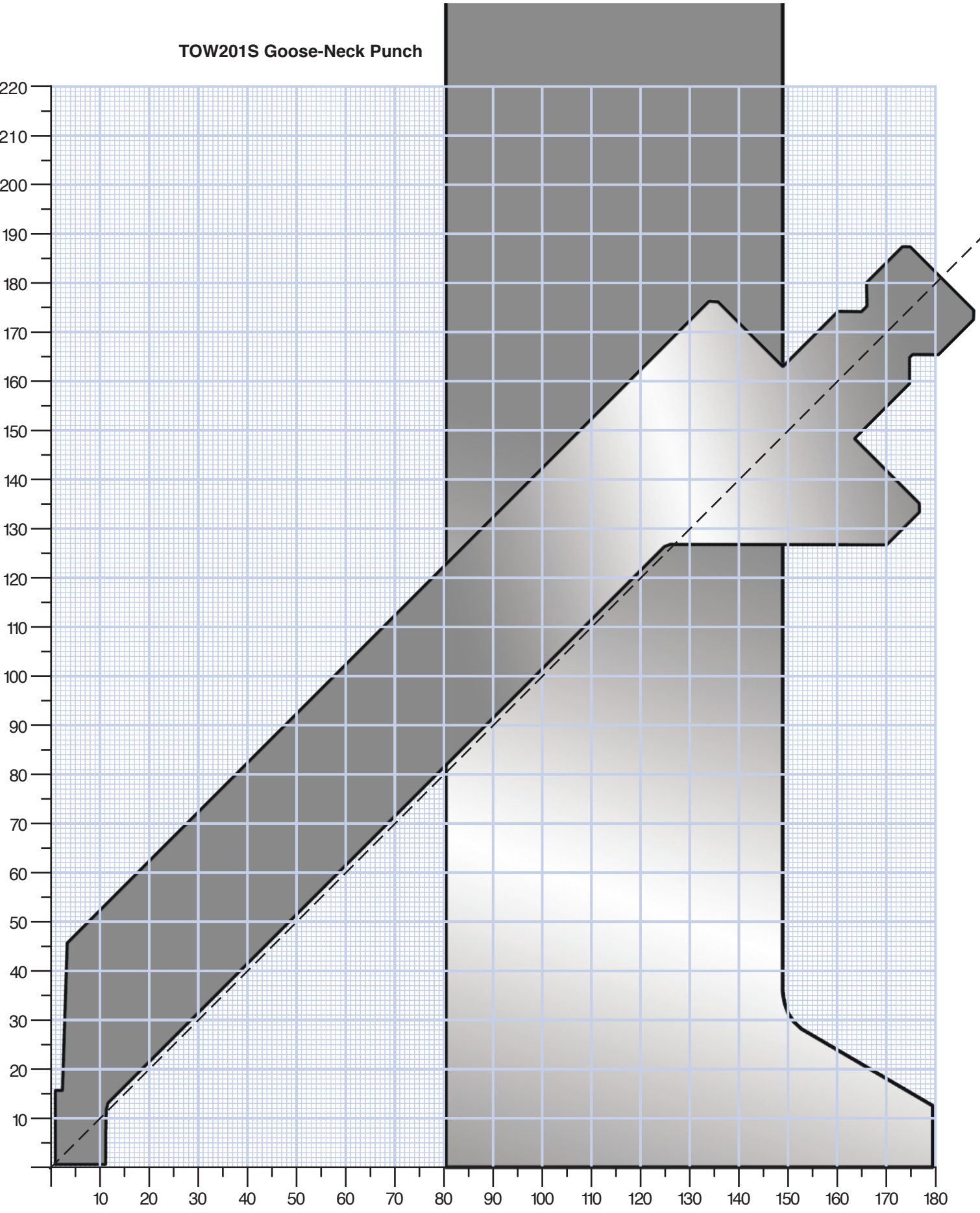


Bend Limit Graph

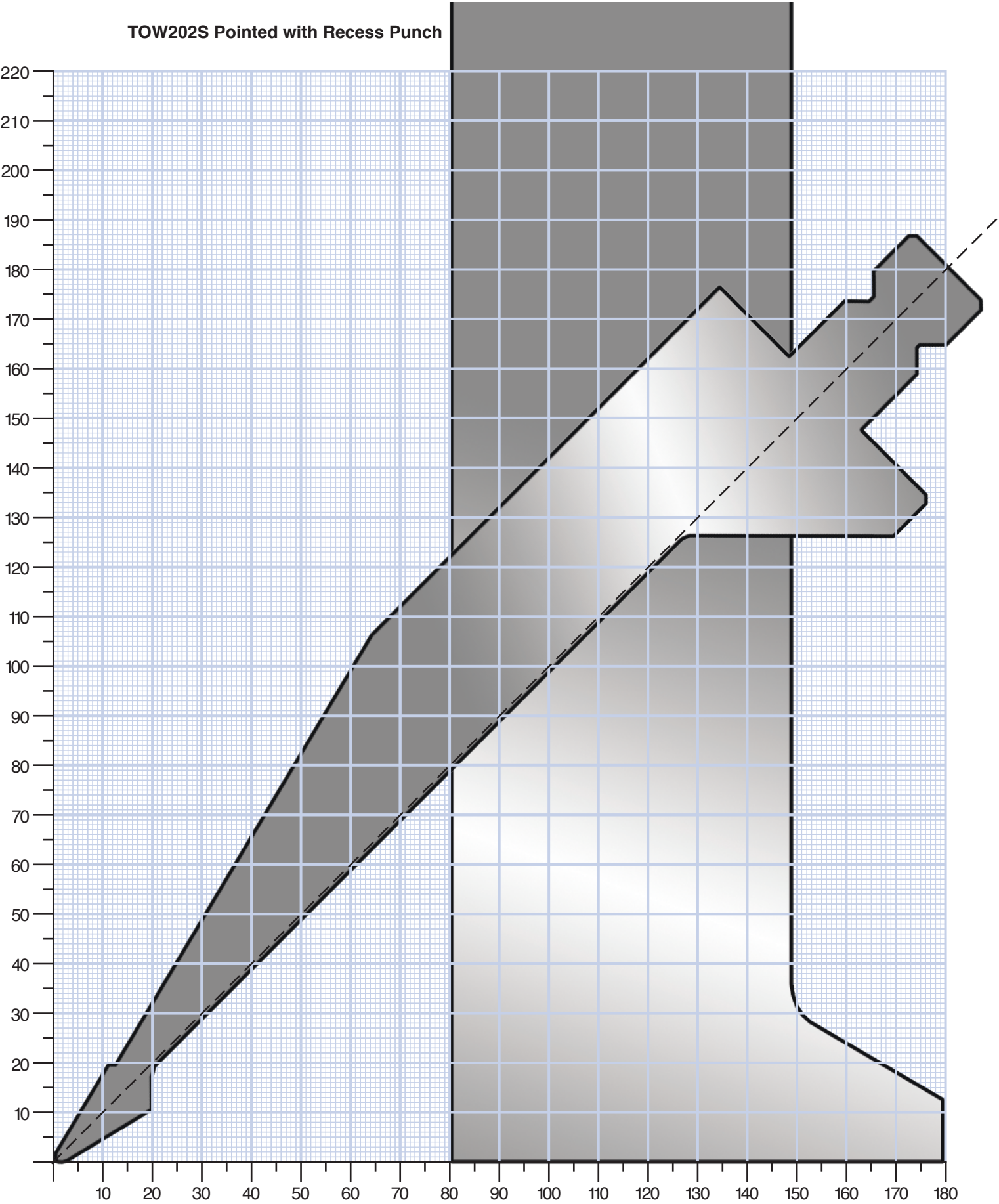
TOW200S Swan-Neck Punch



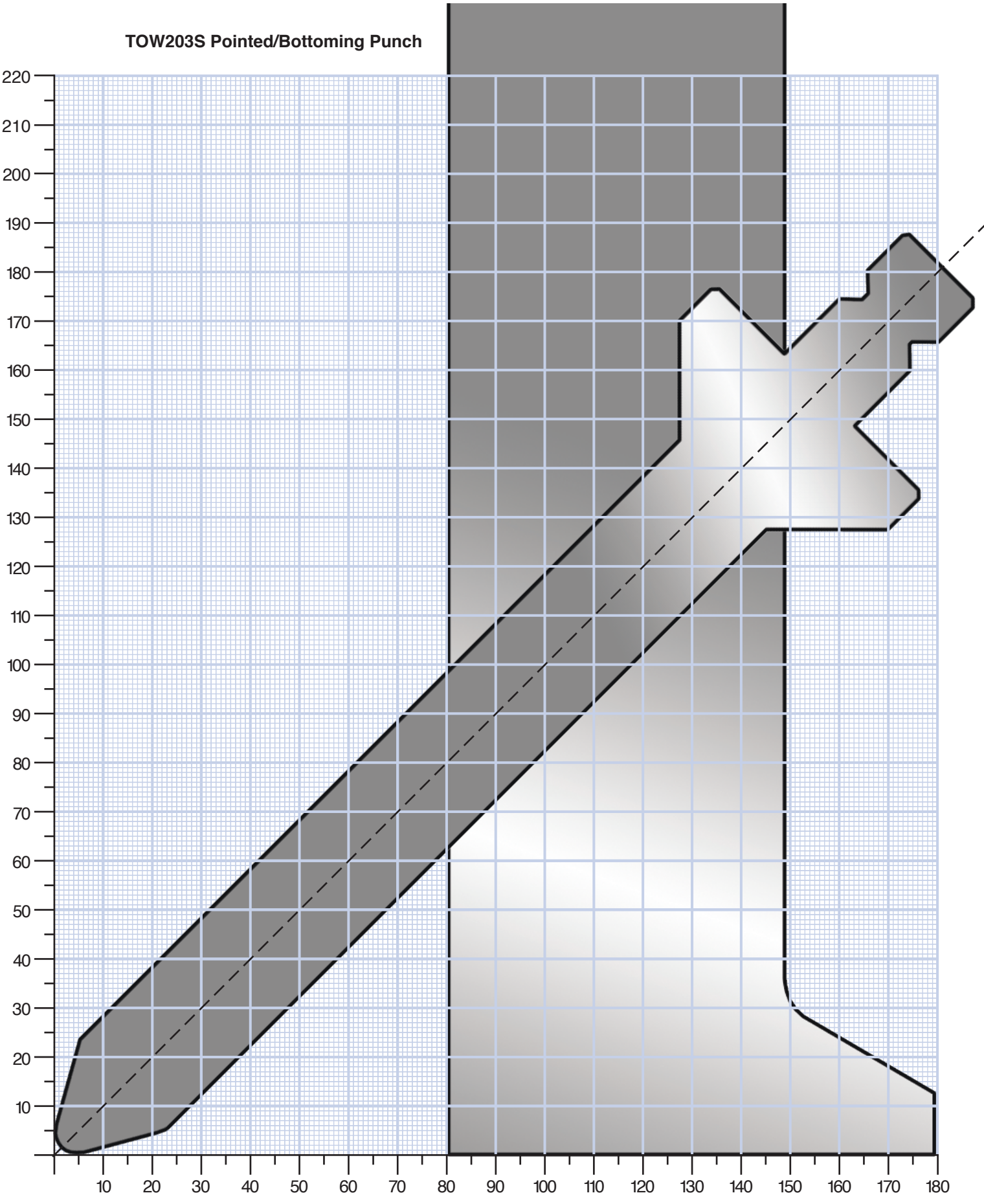
Bend Limit Graph



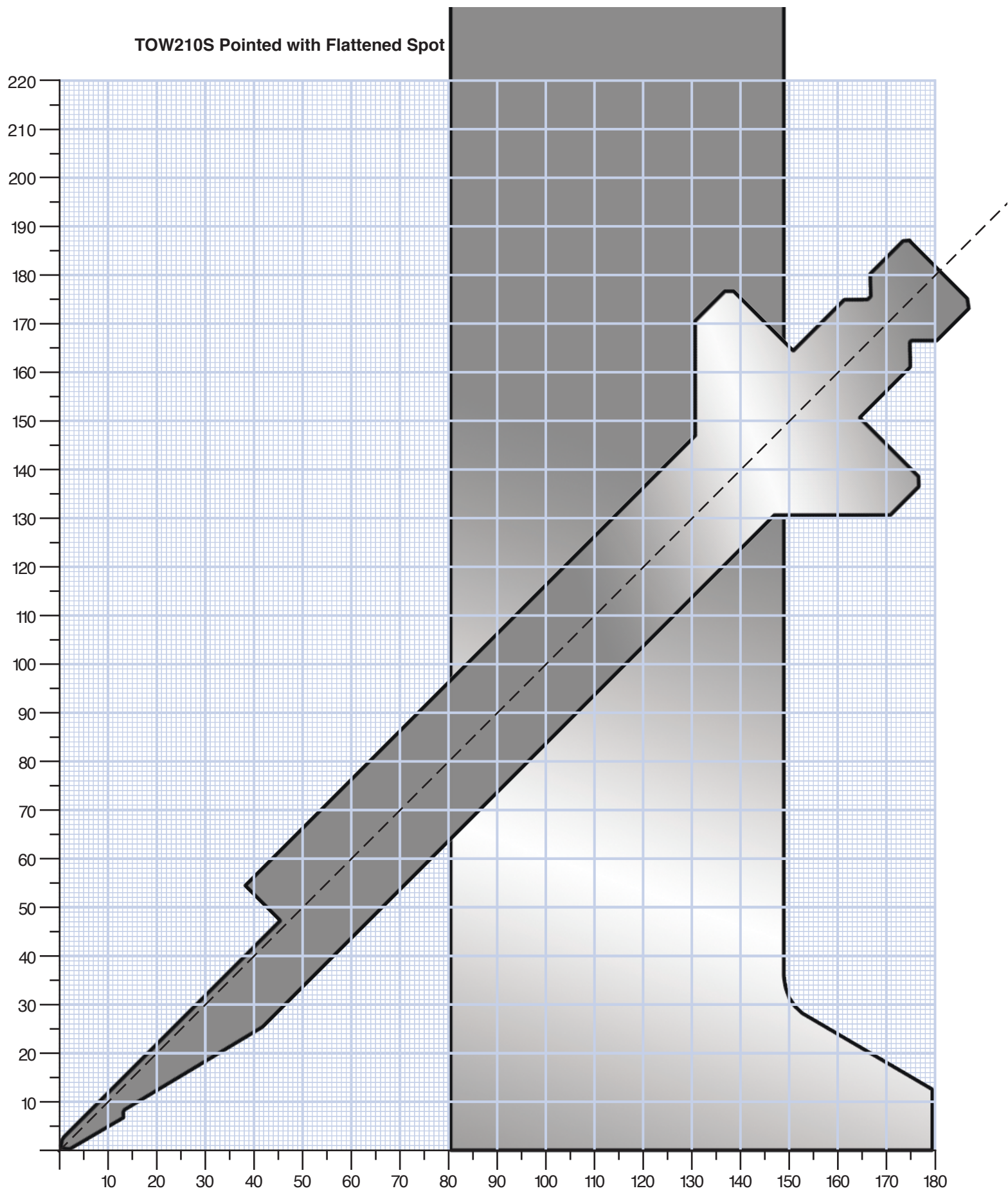
Bend Limit Graph



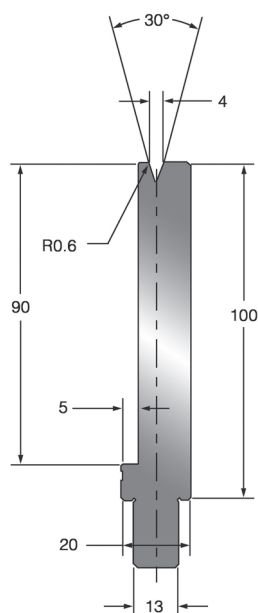
Bend Limit Graph



Bend Limit Graph



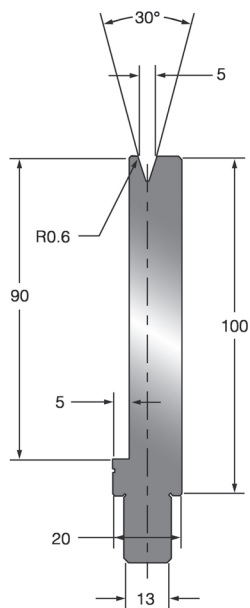
Die V-Opening = 4mm & 5mm



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

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

Bolt Holes Standard



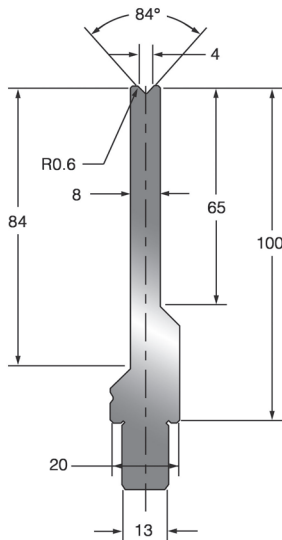
Toolspress Profile	T05S.30°
Trumpf Cat. No.	EV/S-W5/30°
V-Opening	5
Angle	30°
Height	100
Maximum Loading:	150 kN/m
Weight:	13.9 kg/m

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

Dimensions in mm

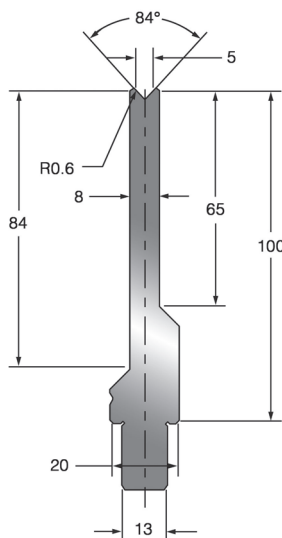
Bolt Holes Standard

Die V-Opening = 4mm & 5mm



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

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

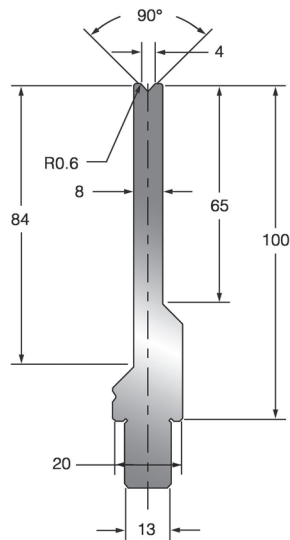


Toolspress Profile	T05S.84°
Trumpf Cat. No.	EV/S-W5/84°
V-Opening	5
Angle	84°
Height	100
Maximum Loading:	250 kN/m
Weight:	10.2 kg/m

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

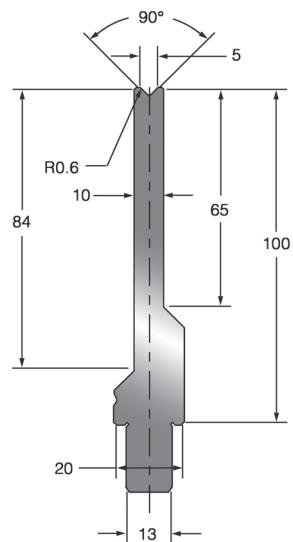
Dimensions in mm

Die V-Opening = 4mm & 5mm



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

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

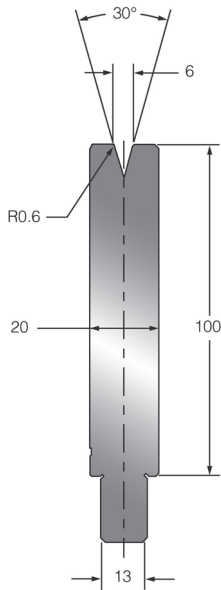


Toolspress Profile	T05S.90°
Trumpf Cat. No.	EV/S-W5/90°
V-Opening	5
Angle	90°
Height	100
Maximum Loading:	390 kN/m
Weight:	11.9 kg/m

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

Dimensions in mm

Die V-Opening = 6mm

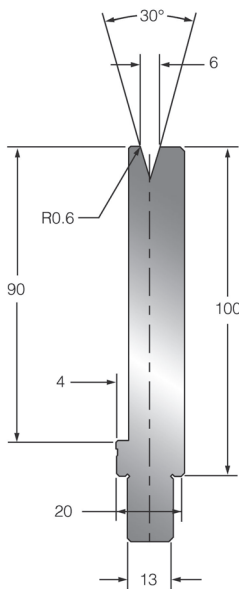


Toolspress Profile	T06.30°
Trumpf Cat. No.	EV001 30°
V-Opening	6
Angle	30°
Height	100
Maximum Loading:	400 kN/m
Weight:	17.3 kg/m

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

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

Bolt Holes Standard



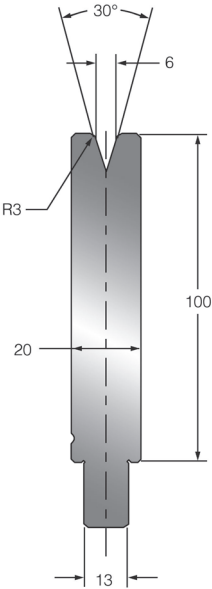
Toolspress Profile	T06S.30°
Trumpf Cat. No.	EV001/S 30°
V-Opening	6
Angle	30°
Height	100
Maximum Loading:	170 kN/m
Weight:	14.5 kg/m

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

Dimensions in mm

Bolt Holes Standard

Die V-Opening = 6mm



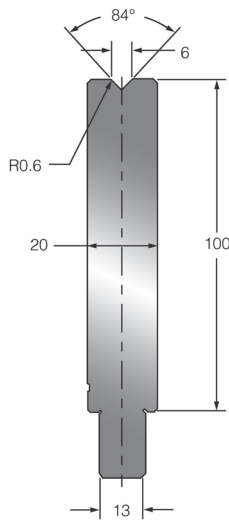
Toolspress Profile	T06.30° R3
Trumpf Cat. No.	EV001 R3 30°
V-Opening	6
Angle	30°
Height	100
Maximum Loading:	400 kN/m
Weight:	17.2 kg/m

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

Bolt Holes Standard

Dimensions in mm

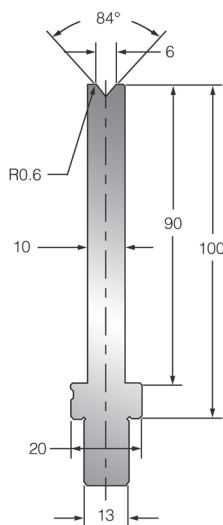
Die V-Opening = 6mm



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

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

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

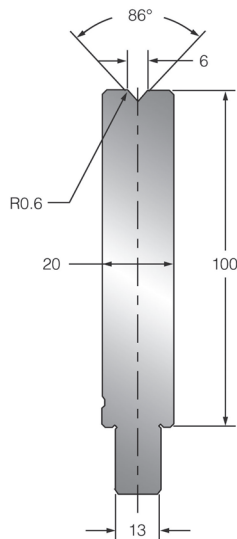


Toolspress Profile	T06S.84°
Trumpf Cat. No.	EV/S W6 84°
V-Opening	6
Angle	84°
Height	100
Maximum Loading:	250 kN/m
Weight:	10.6 kg/m

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

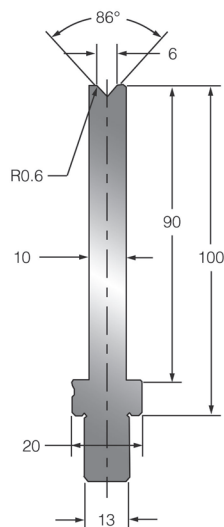
Dimensions in mm

Die V-Opening = 6mm



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

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

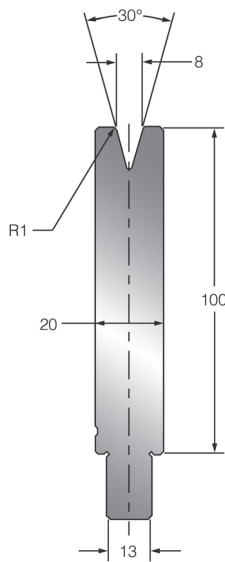


Toolspress Profile	T06S.86°
Trumpf Cat. No.	EV020/S 86°
V-Opening	6
Angle	86°
Height	100
Maximum Loading:	240 kN/m
Weight:	10.6 kg/m

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

Dimensions in mm

Die V-Opening = 8mm

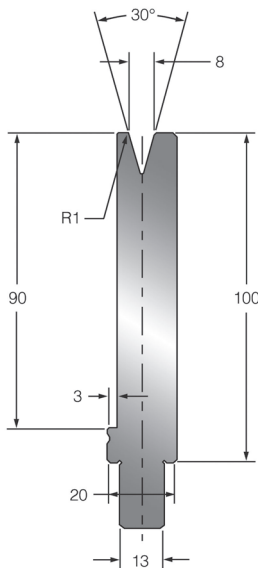


Toolspress Profile	T08.30°
Trumpf Cat. No.	EV002 30°
V-Opening	8
Angle	30°
Height	100
Maximum Loading:	400 kN/m
Weight:	17.1 kg/m

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

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

Bolt Holes Standard



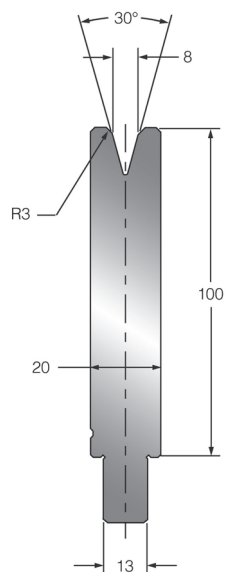
Toolspress Profile	T08S.30°
Trumpf Cat. No.	EV002/S 30°
V-Opening	8
Angle	30°
Height	100
Maximum Loading:	200 kN/m
Weight:	15.1 kg/m

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

Dimensions in mm

Bolt Holes Standard

Die V-Opening = 8mm



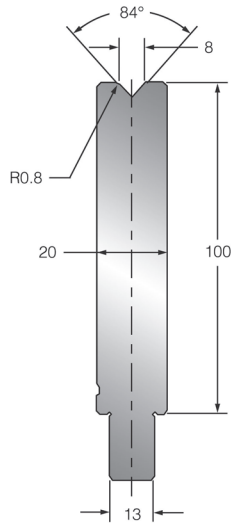
Toolspress Profile	T08.30° R3
Trumpf Cat. No.	EV002 R3 30°
V-Opening	8
Angle	30°
Height	100
Maximum Loading:	400 kN/m
Weight:	17.0 kg/m

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

Bolt Holes Standard

Dimensions in mm

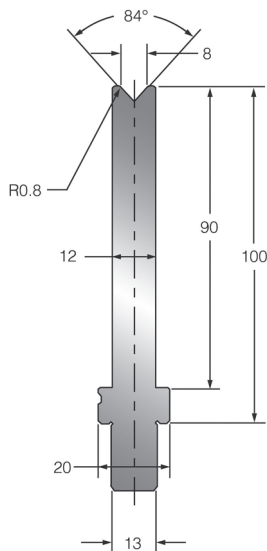
Die V-Opening = 8mm



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

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

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

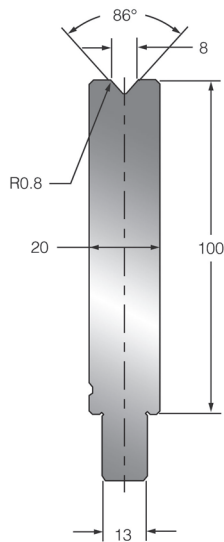


Toolspress Profile	T08S.84°
Trumpf Cat. No.	EV/S W8/84°
V-Opening	8
Angle	84°
Height	100
Maximum Loading:	350 kN/m
Weight:	11.9 kg/m

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

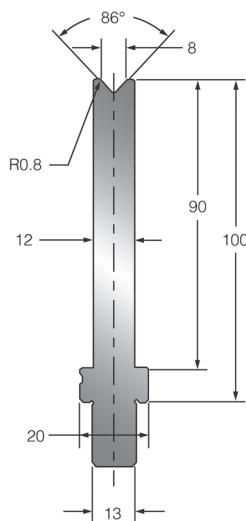
Dimensions in mm

Die V-Opening = 8mm



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

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

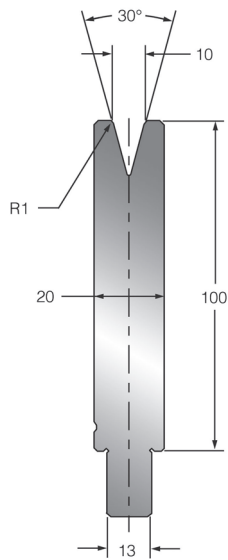


Toolspress Profile	T08S.86°
Trumpf Cat. No.	EV021/S 86°
V-Opening	8
Angle	86°
Height	100
Maximum Loading:	310 kN/m
Weight:	11.9 kg/m

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

Dimensions in mm

Die V-Opening = 10mm

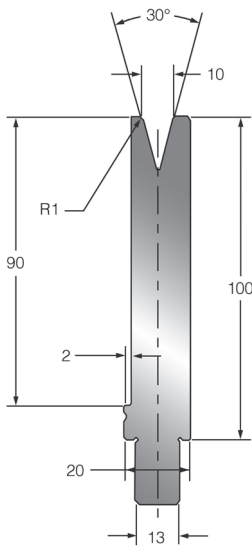


Toolspress Profile	T10.30°
Trumpf Cat. No.	EV003 30°
V-Opening	10
Angle	30°
Height	100
Maximum Loading:	400 kN/m
Weight:	16.9 kg/m

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

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

Bolt Holes Standard



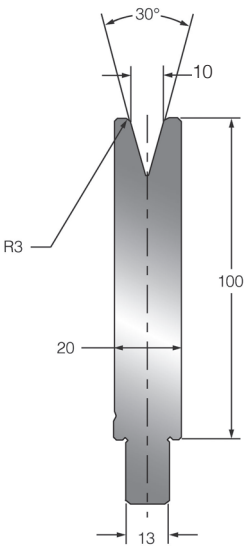
Toolspress Profile	T10S.30°
Trumpf Cat. No.	EV003/S 30°
V-Opening	10
Angle	30°
Height	100
Maximum Loading:	200 kN/m
Weight:	15.5 kg/m

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

Dimensions in mm

Bolt Holes Standard

Die V-Opening = 10mm



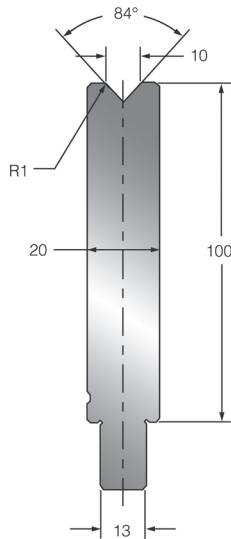
Toolspress Profile	T10.30° R3
Trumpf Cat. No.	EV003 R3 30°
V-Opening	10
Angle	30°
Height	100
Maximum Loading:	400 kN/m
Weight:	16.7 kg/m

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

Bolt Holes Standard

Dimensions in mm

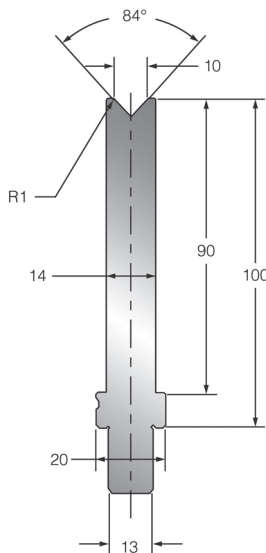
Die V-Opening = 10mm



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

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

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

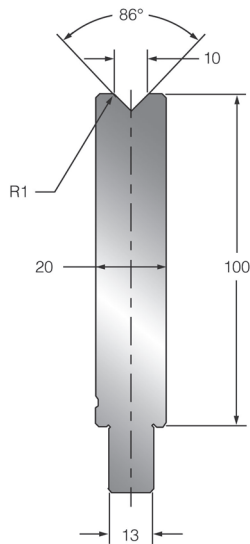


Toolspress Profile	T10S.84°
Trumpf Cat. No.	EV/S W10/84°
V-Opening	10
Angle	84°
Height	100
Maximum Loading:	400 kN/m
Weight:	13.3 kg/m

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

Dimensions in mm

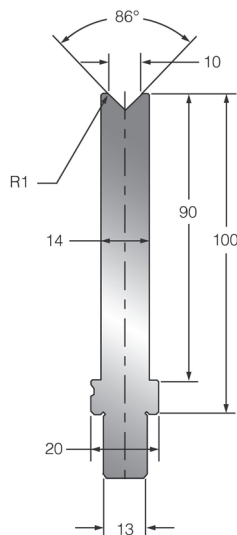
Die V-Opening = 10mm



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

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

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

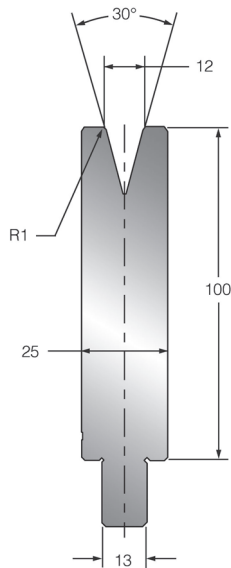


Toolspress Profile	T10S.86°
Trumpf Cat. No.	EV022/S 86°
V-Opening	10
Angle	86°
Height	100
Maximum Loading:	380 kN/m
Weight:	13.3 kg/m

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

Dimensions in mm

Die V-Opening = 12mm

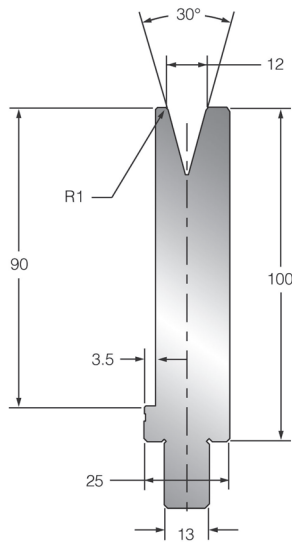


Toolspress Profile	T12.30°
Trumpf Cat. No.	EV004 30°
V-Opening	12
Angle	30°
Height	100
Maximum Loading:	400 kN/m
Weight:	20.5 kg/m

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

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

Bolt Holes Standard



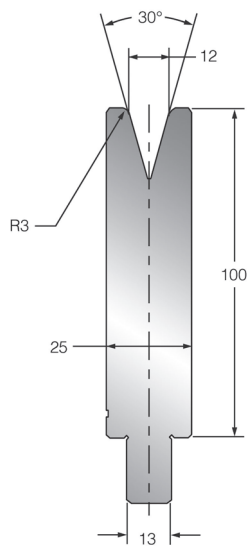
Toolspress Profile	T12S.30°
Trumpf Cat. No.	EV004/S 30°
V-Opening	12
Angle	30°
Height	100
Maximum Loading:	250 kN/m
Weight:	18.0 kg/m

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

Dimensions in mm

Bolt Holes Standard

Die V-Opening = 12mm



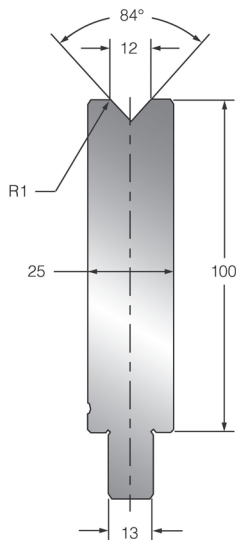
Toolspress Profile	T12.30° R3
Trumpf Cat. No.	EV004 R3 30°
V-Opening	12
Angle	30°
Height	100
Maximum Loading:	400 kN/m
Weight:	20.3 kg/m

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

Bolt Holes Standard

Dimensions in mm

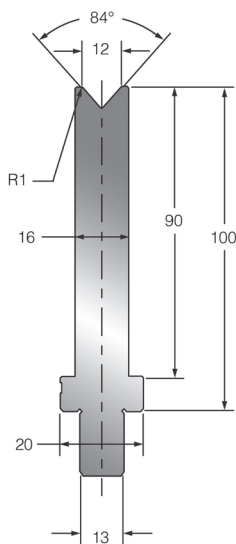
Die V-Opening = 12mm



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

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

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

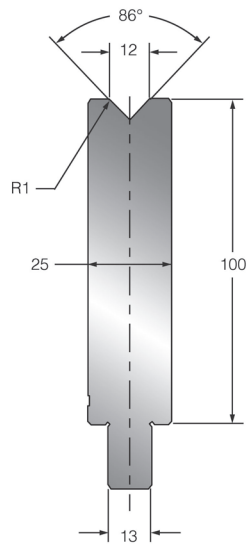


Toolspress Profile	T12S.84°
Trumpf Cat. No.	EV/S W12/84°
V-Opening	12
Angle	84°
Height	100
Maximum Loading:	400 kN/m
Weight:	14.9 kg/m

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

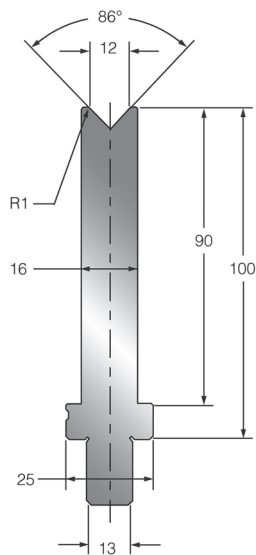
Dimensions in mm

Die V-Opening = 12mm



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

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

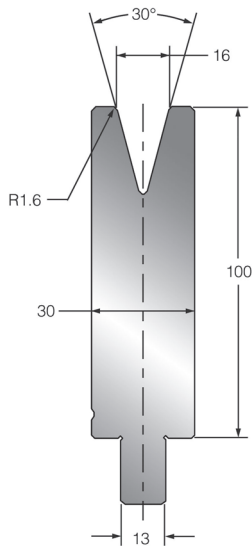


Toolspress Profile	T12S.86°
Trumpf Cat. No.	EV023/S 86°
V-Opening	12
Angle	86°
Height	100
Maximum Loading:	400 kN/m
Weight:	14.9 kg/m

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

Dimensions in mm

Die V-Opening = 16mm

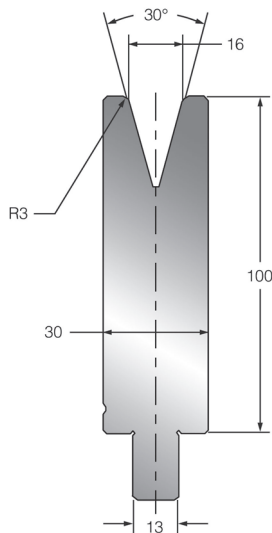


Toolspress Profile	T16.30°
Trumpf Cat. No.	EV005 30°
V-Opening	16
Angle	30°
Height	100
Maximum Loading:	500 kN/m
Weight:	23.4 kg/m

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

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

Bolt Holes Standard



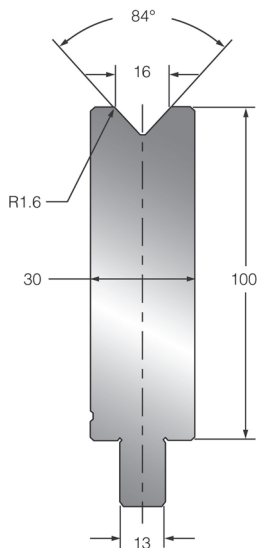
Toolspress Profile	T16.30° R3
Trumpf Cat. No.	EV005 R3 30°
V-Opening	16
Angle	30°
Height	100
Maximum Loading:	500 kN/m
Weight:	23.3 kg/m

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

Dimensions in mm

Bolt Holes Standard

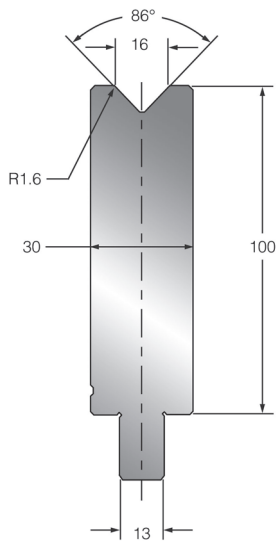
Die V-Opening = 16mm



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

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

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

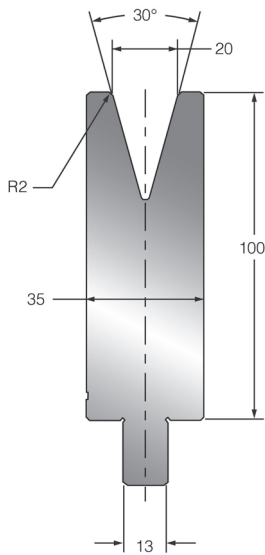


Toolspress Profile	T16.86°
Trumpf Cat. No.	EV024 86°
V-Opening	16
Angle	86°
Height	100
Maximum Loading:	700 kN/m
Weight:	25.0 kg/m

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

Dimensions in mm

Die V-Opening = 20mm



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

Version B

Description

Length 4050
Length 3050
Length 2550
Length 2050
Length 1250
Length 1050

Version A

Description

Length 2050
Length 1250
Length 1050

Sectionalised

Description

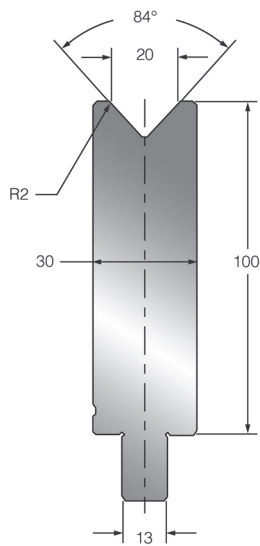
Length 250
Length 550

Single

Description

500
300
200
100
50
45
40
35
30
25

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



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

Version B

Description

Length 4050
Length 3050
Length 2550
Length 2050
Length 1250
Length 1050

Version A

Description

Length 2050
Length 1250
Length 1050

Sectionalised

Description

Length 250
Length 550

Single

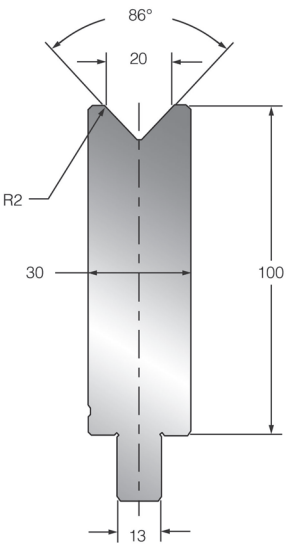
Description

500
300
200
100
50
45
40
35
30
25

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

Dimensions in mm

Die V-Opening = 20mm



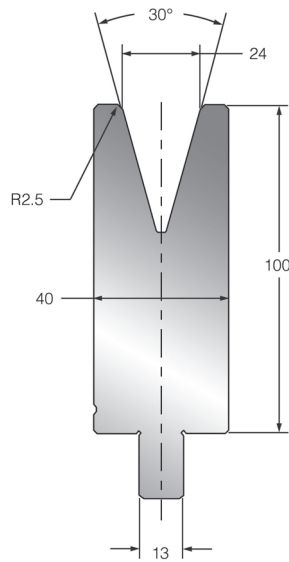
Toolspress Profile	T20.86°
Trumpf Cat. No.	EV025 86°
V-Opening	20
Angle	86°
Height	100
Maximum Loading:	700 kN/m
Weight:	24.6 kg/m

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

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

Dimensions in mm

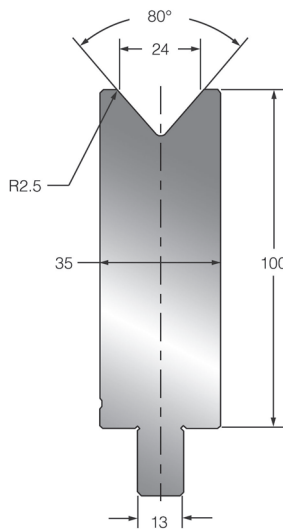
Die V-Opening = 24mm



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

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

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



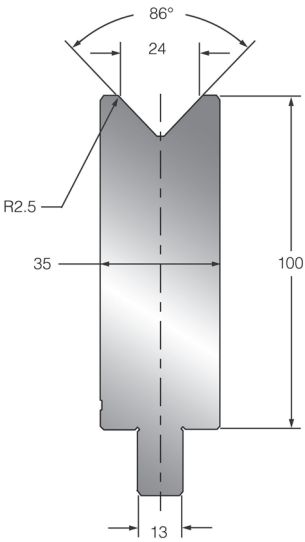
Toolspress Profile	T24.80°
Trumpf Cat. No.	EV W24/80°
V-Opening	24
Angle	80°
Height	100
Maximum Loading:	700 kN/m
Weight:	28.1 kg/m

Version B	Sectionalised
Description	Description
Length 4050	Length 250
Length 3050	Length 550
Length 2550	Single
Length 2050	Description
Length 1250	500
Length 1050	300
Version A	200
Description	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

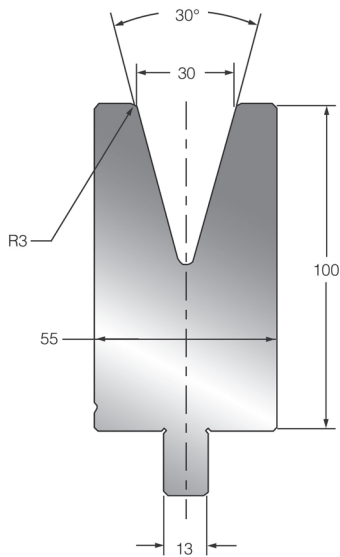


Toolspress Profile	T24.86°
Trumpf Cat. No.	EV026 86°
V-Opening	24
Angle	86°
Height	100
Maximum Loading:	700 kN/m
Weight:	28.2 kg/m

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

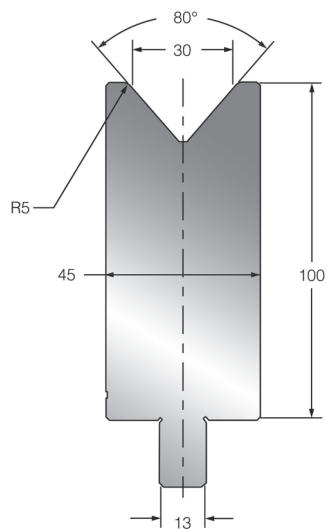
Dimensions in mm

Die V-Opening = 30mm



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

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



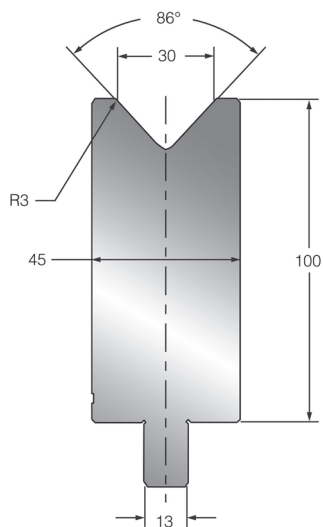
Toolspress Profile	T30.80°
Trumpf Cat. No.	EV W30/80°
V-Opening	30
Angle	80°
Height	100
Maximum Loading:	900 kN/m
Weight:	34.8 kg/m

Version B	Sectionalised
Description	Description
Length 4050	Length 250
Length 3050	Length 550
Length 2550	Single
Length 2050	Description
Length 1250	500
Length 1050	300
Version A	200
Description	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

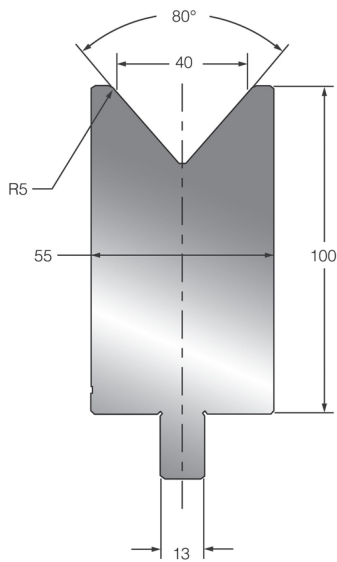


Toolspress Profile	T30.86°
Trumpf Cat. No.	EV027 86°
V-Opening	30
Angle	86°
Height	100
Maximum Loading:	900 kN/m
Weight:	34.7 kg/m

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

Dimensions in mm

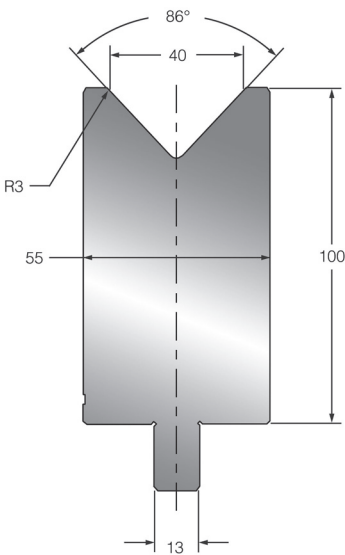
Die V-Opening = 40mm



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

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

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

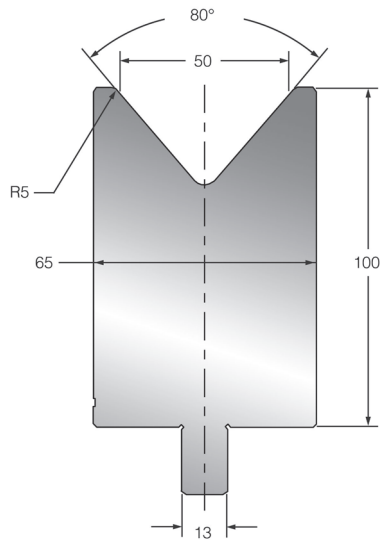


Toolspress Profile	T40.86°
Trumpf Cat. No.	EV028 86°
V-Opening	40
Angle	86°
Height	100
Maximum Loading:	1200 kN/m
Weight:	41.6 kg/m

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

Dimensions in mm

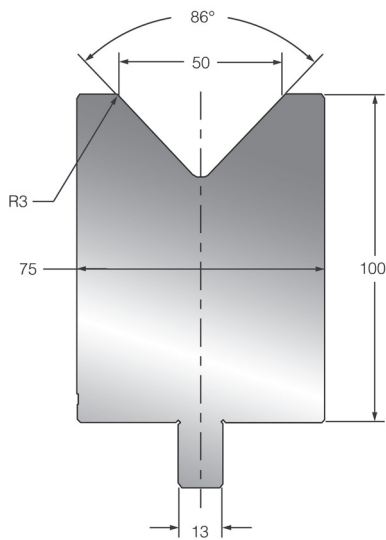
Die V-Opening = 50mm



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

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

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

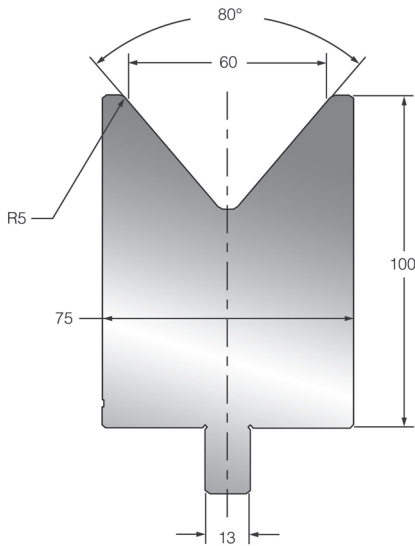


Toolspress Profile	T50.86°
Trumpf Cat. No.	EV029 86°
V-Opening	50
Angle	86°
Height	100
Maximum Loading:	1500 kN/m
Weight:	55.4 kg/m

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

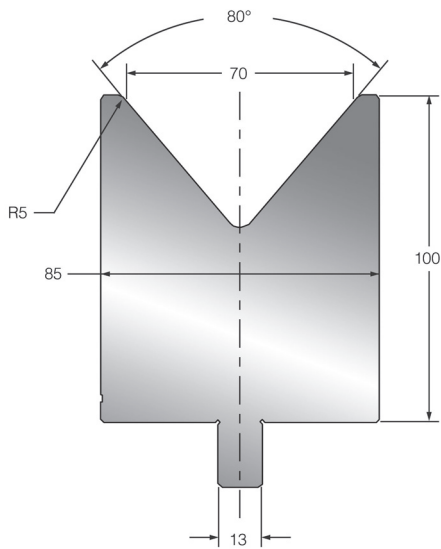
Dimensions in mm

Die V-Opening = 60mm - 70mm



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

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

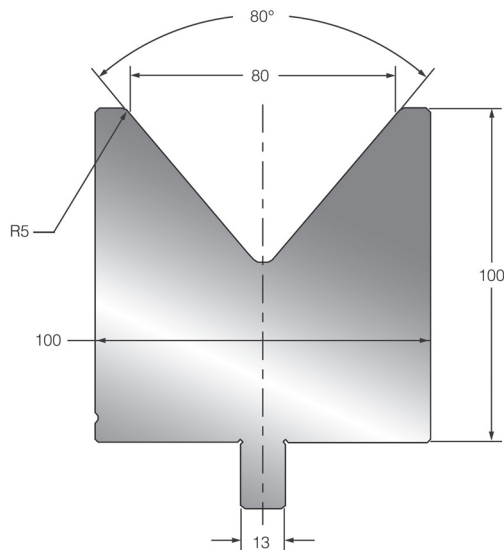


Toolspress Profile	T70.80°
Trumpf Cat. No.	EV W70/80°
V-Opening	70
Angle	80°
Height	100
Maximum Loading:	1500 kN/m
Weight:	56.2 kg/m

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

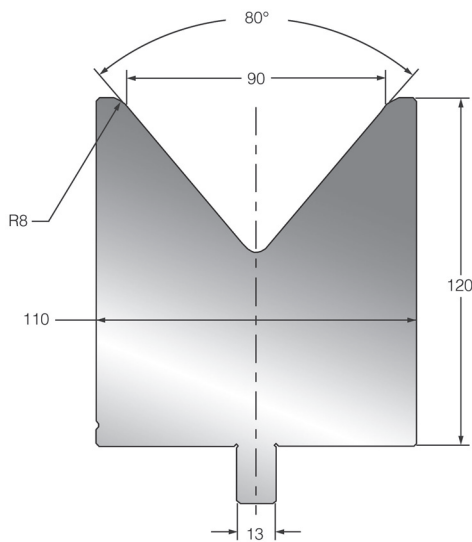
Dimensions in mm

Die V-Opening = 80mm - 90mm



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

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

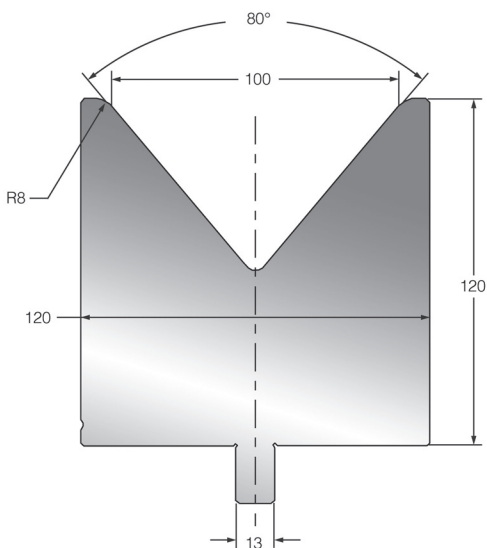


Toolspress Profile	T90.80°
Trumpf Cat. No.	EV W90/80°
V-Opening	90
Angle	80°
Height	120
Maximum Loading:	1500 kN/m
Weight:	84.5 kg/m

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

Dimensions in mm

Die V-Opening = 100mm

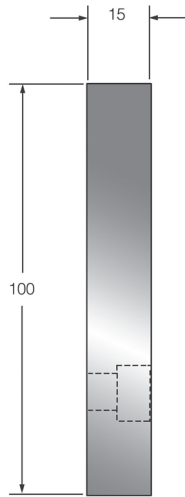


Toolspress Profile	T100.80°
Trumpf Cat. No.	EV W100/80°
V-Opening	100
Angle	80°
Height	120
Maximum Loading:	1500 kN/m
Weight:	89.2 kg/m

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

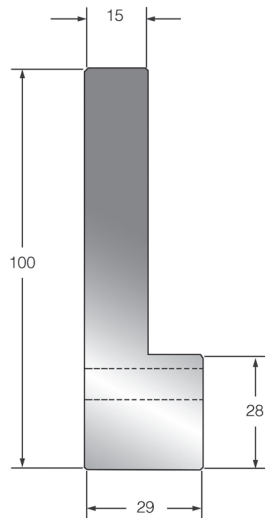
Dimensions in mm

Hemming



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

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

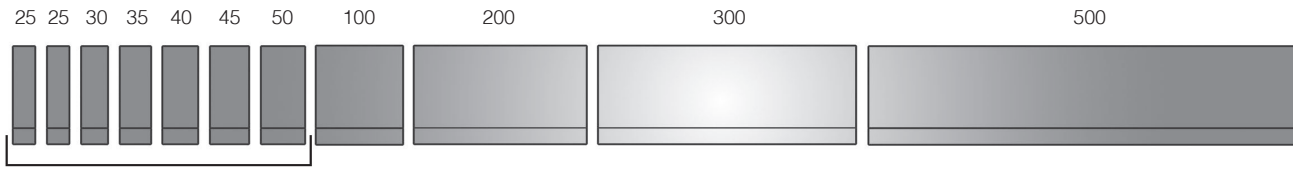


Toolspress Profile	FWZ 100
Trumpf Cat. No.	FWZ
V-Opening	100
Maximum Loading:	1200 kN/m
Weight:	14.8 kg/m

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

Dimensions in mm

System Division - Dies



Basic Division 250mm

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

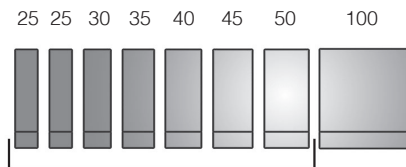
Division version for tool sets with weights of more than 83 kg/m

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
 - Short tool set-up time
 - Low purchase cost

- Fewer tool change-overs
- Version most often selected and recommended



Basic Division 250mm

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

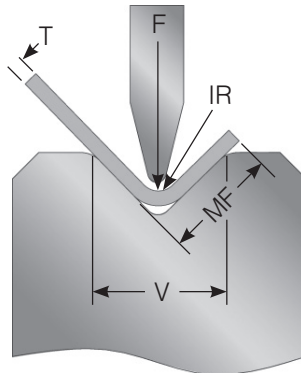
System Division Version B/A

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 / mm² 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
Material Thickness	0.75	52*	39	31	26	2.6	3.2	3.8	4.8	6.4	8	9.6	11	13	14	16	19	IR
	1	93	70*	56	47	35												F / m
	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 / mm² Stainless 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													F / m
	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	