

PRECISION BENDING SOLUTIONS

LVD SYSTEM

PRESS BRAKE TOOLS
STE-SYSTEM LVD

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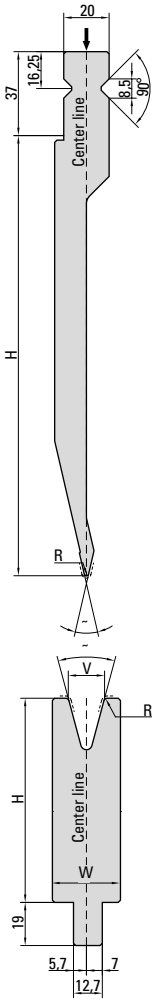
Quality and precision

- ▶ Optimum materials
  - 42 CrMo4, tempered to 1100 – 1200 N/mm²
  - C45, tempered to 800 – 850 N/mm²
  - C45, 650 – 800 N/mm²
- ▶ Bending radius/intake radii hardened up to 54 – 60 HRC
- ▶ Precision ground
- ▶ Guaranteed exchangeability and parallelism
- ▶ Punch/top tool clampings LVD type I in two different models
  - Simple Clamp at segments < 12,5 kg
  - Safety pin at segments > 12,5 kg
- ▶ Punch/top tool clampings LVD type I
  - Self centering
  - Usable on both sides
- ▶ Tool marking with all technical information

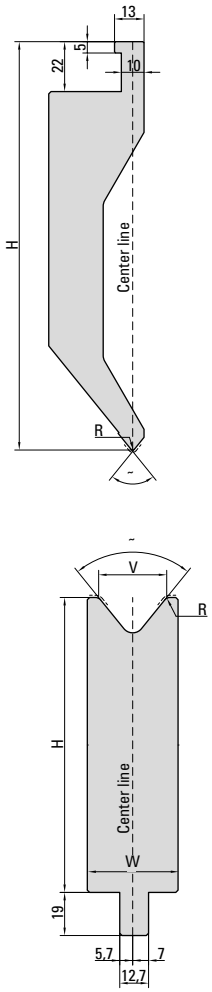
STE-CONTACT PARTNER

You will find your personal contact part

LVD type I



LVD type II

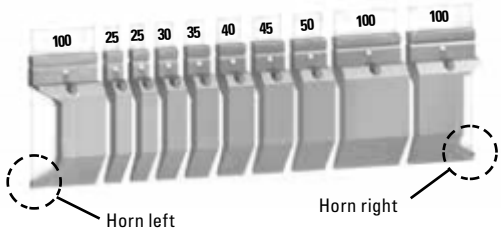


Tool lengths

PUNCHES/TOP TOOLS LVD TYPE I WITH SIMPLE CLAMP



Length **510 mm**



Length **550mm sectionalized**

- Sectionalized punches/top tools are delivered as a complete set
- 10 Segments with horn extension left and right

STE-INFO

These lengths are also supplied with punches/top tools STE-System LVD type II

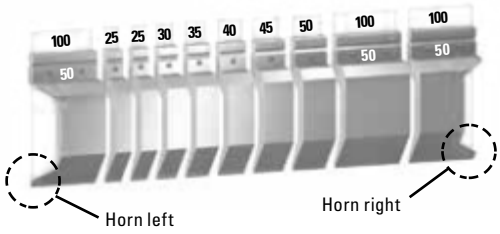


Simple Clamp

PUNCHES/TOP TOOLS LVD TYPE I WITH SAFETY PINS



Length **510 mm**



Length **550mm sectionalized**

- Sectionalized punches/top tools are delivered as a complete set
- 10 Segments with horn extension left and right



Safety pin

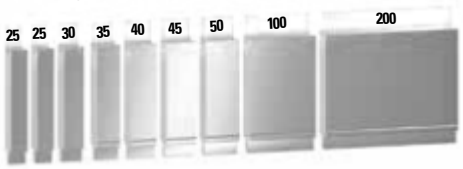
DIES

Length **510 mm**



Length **550mm sectionalized**

- Sectionalized dies are delivered as a complete set
- 9 Segments



Simple Clamp

ADVANTAGES

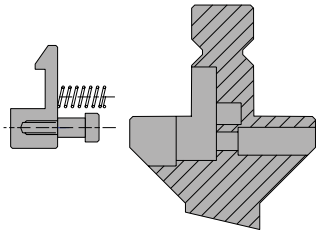
- **Vertical** tool change for segments **up to 12,5 kg**
- Less set-up time
- Easy handling



Set consists of screw, spring and Simple Clamp



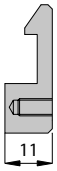
Vertical tool change



70.714 24h

Set		0,012 kg

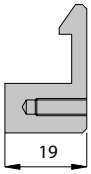
Suitable for punches/top tools
16.204 / 16.209



70.716 24h

Set		0,016 kg

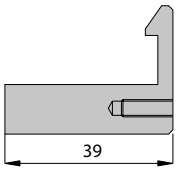
Suitable for punches/top tools
16.201 / 16.202 / 16.203
16.206 / 16.207 / 16.208



70.718 24h

Set		0,027 kg

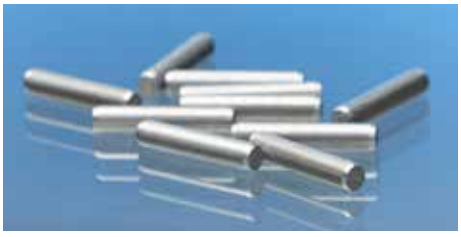
Suitable for punches/top tools
16.200 / 16.205



Safety pins

ADVANTAGES

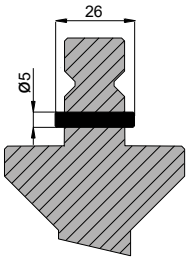
- **Horizontal** tool change for segments **more than 12,5 kg**
- Favorable purchase price (in comparison with Simple Clamp)
- Hardened Safety pins on demand



Safety pins



Horizontal tool change



70.130

10 pieces		0,16 kg

Hardened

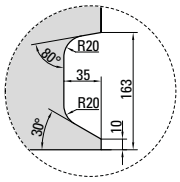
70.140

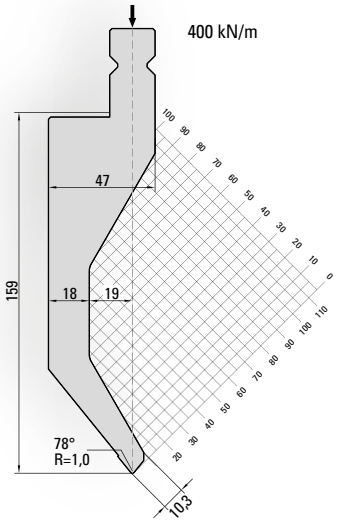
10 pieces		0,16 kg

Punches/top tools LVD type I, H = 159 mm

16.200

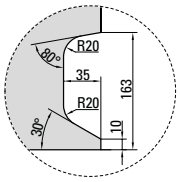
Safety pins	
510 mm	19,0 kg
Simple Clamp	
550 mm sectionalized	20,6 kg

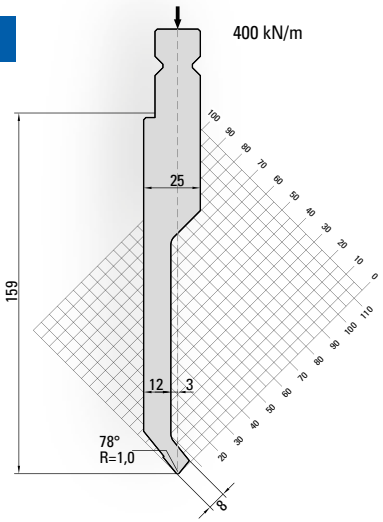




16.201 24h

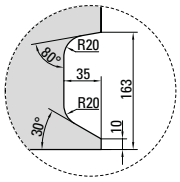
Safety pins	
510 mm	15,1 kg
Simple Clamp	
550 mm sectionalized	16,3 kg

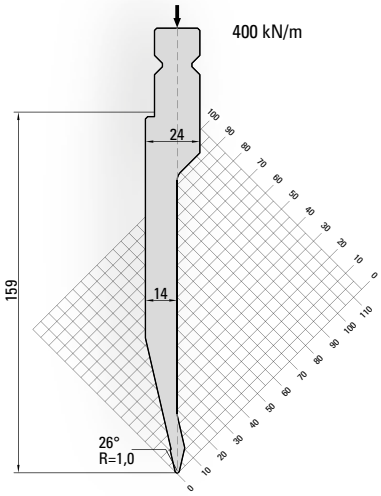




16.202 24h

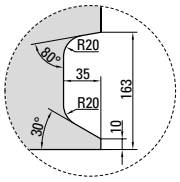
Simple Clamp	
510 mm	11,5 kg
550 mm sectionalized	12,4 kg

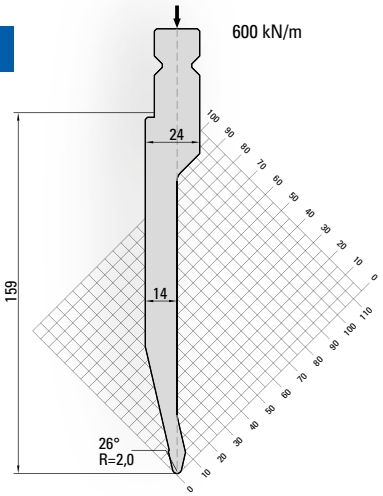




16.203 24h

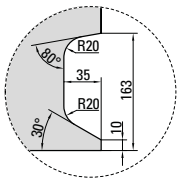
Simple Clamp	
510 mm	11,6 kg
550 mm sectionalized	12,5 kg

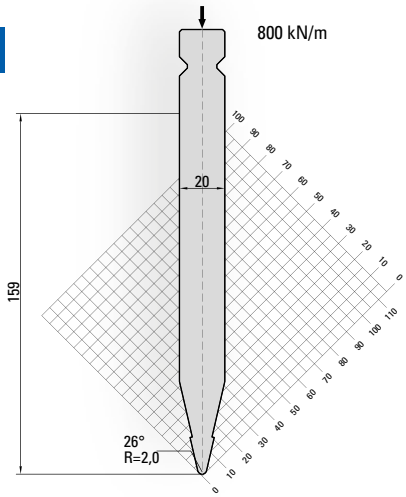




16.204 24h

Safety pins	
510 mm	14,1 kg
Simple Clamp	
550 mm sectionalized	15,2 kg





STE-INFO

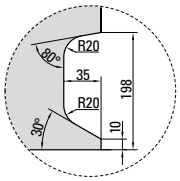
Punches/top tools STE-System Trumpf (chapter 2) and STE-System Wila type I (chapter 3) can also be used in a clamping STE-System LVD!

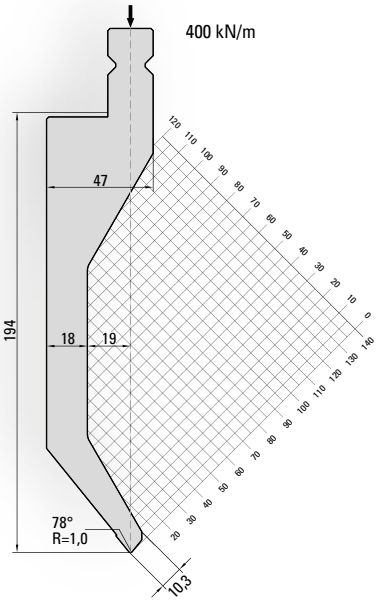
Punches/top tools LVD type I, H = 194 mm

16.205 24h

Safety pins
510 mm 22,4 kg

Simple Clamp
550 mm sectionalized 24,2 kg

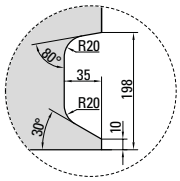


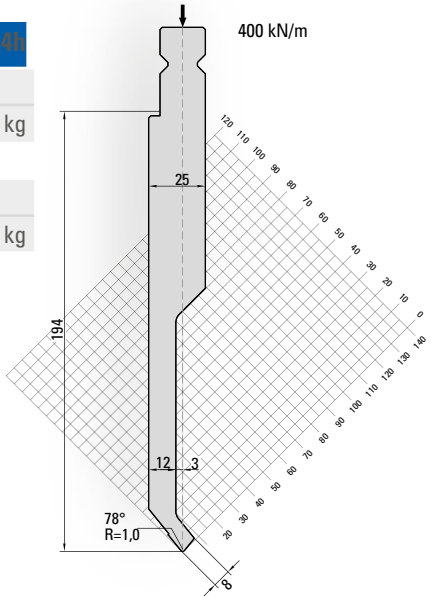


16.206 24h

Safety pins
510 mm 18,6 kg

Simple Clamp
550 mm sectionalized 20,0 kg

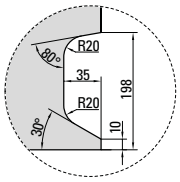


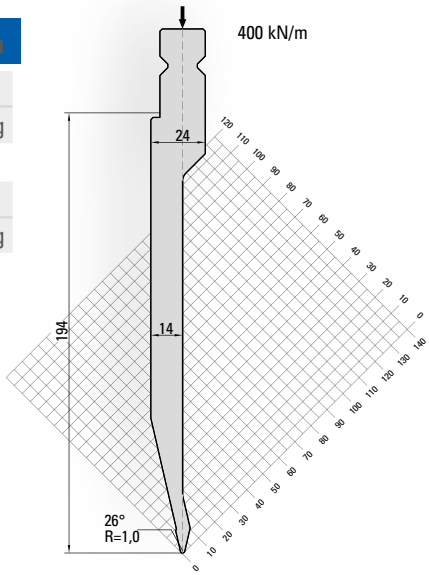


16.207 24h

Safety pins
510 mm 13,5 kg

Simple Clamp
550 mm sectionalized 14,6 kg

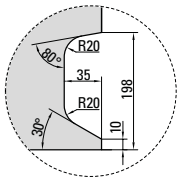


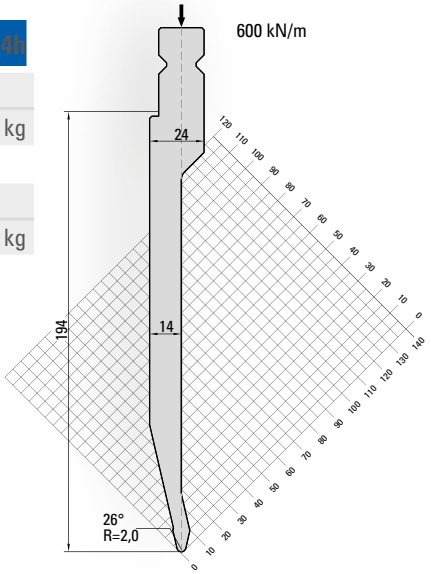


16.208 24h

Safety pins
510 mm 13,6 kg

Simple Clamp
550 mm sectionalized 14,7 kg

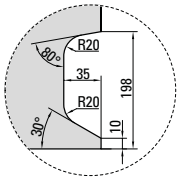


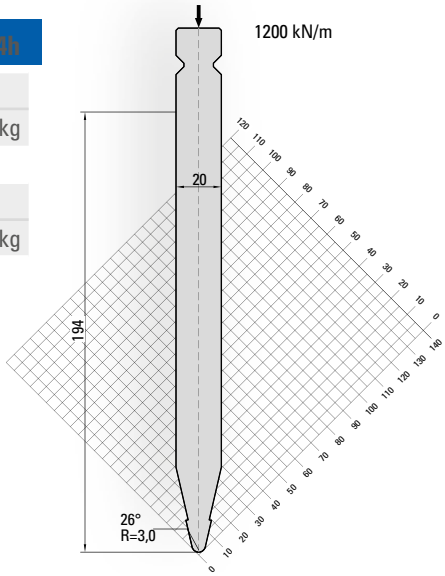


16.209 24h

Safety pins
510 mm 17,1 kg

Simple Clamp
550 mm sectionalized 18,5 kg



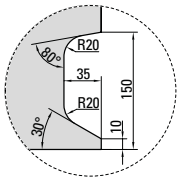


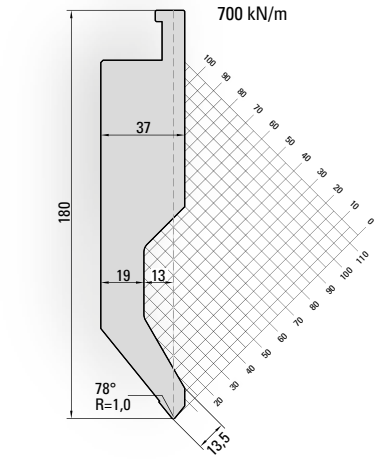


Punches/top tools LVD type II, H = 180 mm

16.500 24h

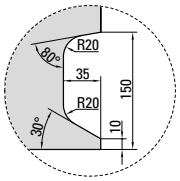
510 mm		17,7 kg
550 mm sectionalized		19,2 kg

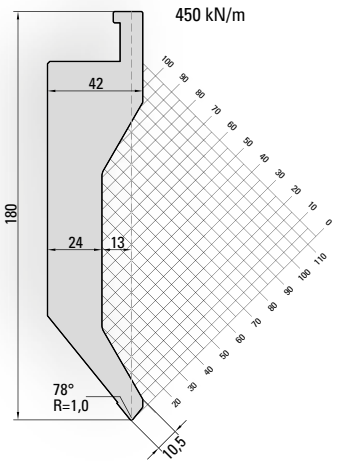




16.510 24h

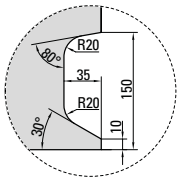
510 mm		16,8 kg
550 mm sectionalized		18,2 kg

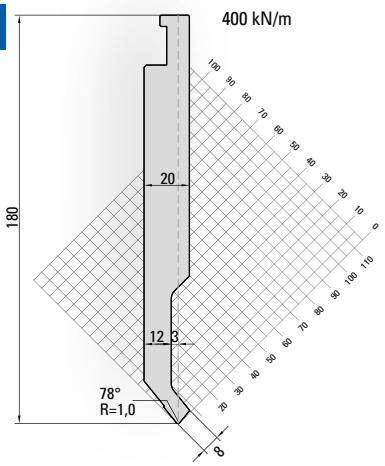




16.520 24h

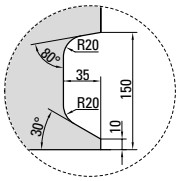
510 mm		11,5 kg
550 mm sectionalized		12,4 kg

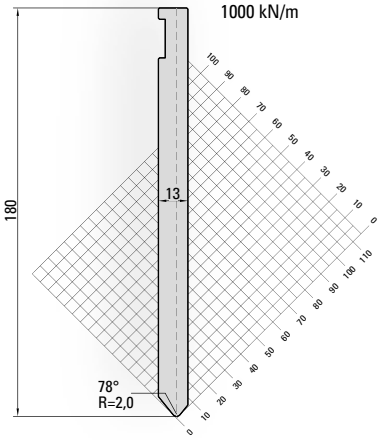




16.540 24h

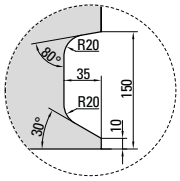
510 mm		9,1 kg
550 mm sectionalized		9,8 kg

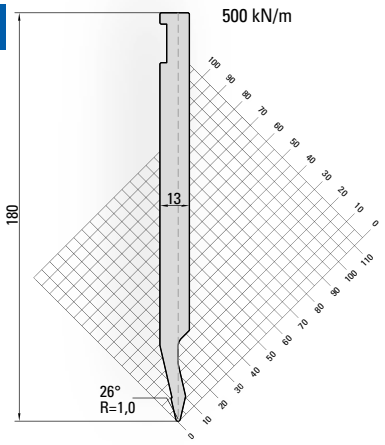




16.530 24h

510 mm		8,0 kg
550 mm sectionalized		8,7 kg

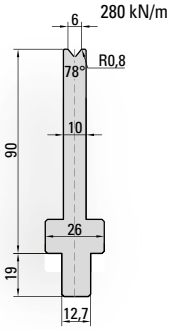




78° Dies, H = 90 mm

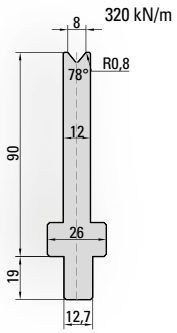
26.211 — 24h

510 mm	5,4 kg
550 mm sectionalized	5,8 kg



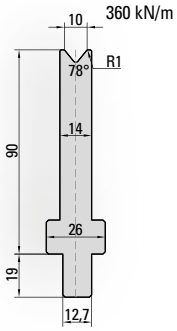
26.212 — 24h

510 mm	6,0 kg
550 mm sectionalized	6,5 kg



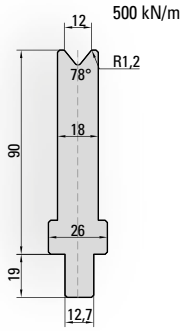
26.213 — 24h

510 mm	6,5 kg
550 mm sectionalized	7,1 kg



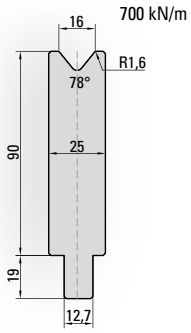
26.214 — 24h

510 mm	7,7 kg
550 mm sectionalized	8,3 kg



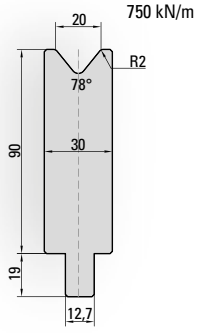
26.215 — 24h

510 mm	9,6 kg
550 mm sectionalized	10,4 kg



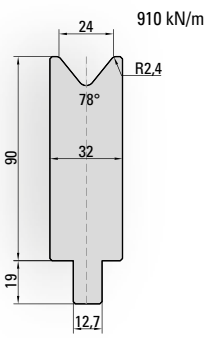
26.216 — 24h

510 mm	11,2 kg
550 mm sectionalized	12,1 kg



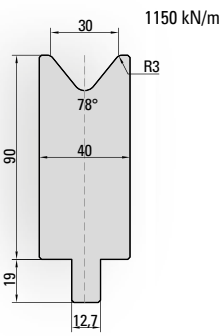
26.217 — 24h

510 mm	11,7 kg
550 mm sectionalized	12,7 kg



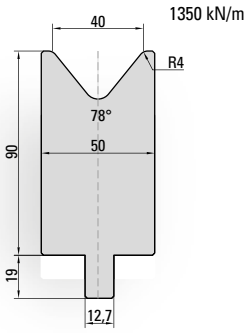
26.218 — 24h

510 mm	14,2 kg
550 mm sectionalized	15,4 kg

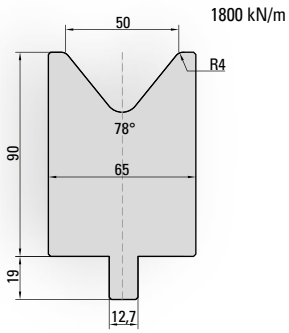


78° Dies, H = 90 mm

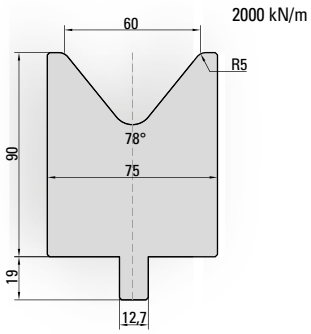
26.219	24h
510 mm	17,0 kg
550 mm sectionalized	18,3 kg



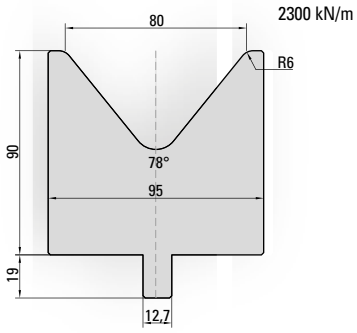
26.220	24h
510 mm	21,3 kg
550 mm sectionalized	23,0 kg



26.221	24h
510 mm	23,6 kg
550 mm sectionalized	25,4 kg

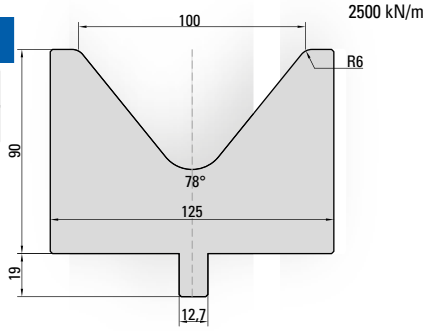


26.222	24h
510 mm	27,3 kg
550 mm sectionalized	29,5 kg

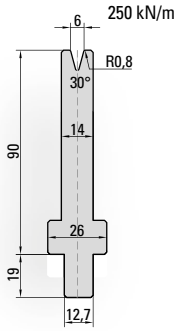


30° Dies, H = 90 mm

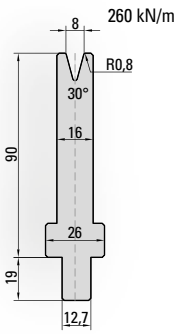
26.223	24h
510 mm	33,9 kg
550 mm sectionalized	36,5 kg



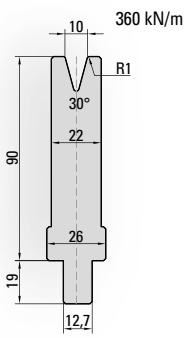
26.200	24h
510 mm	6,5 kg
550 mm sectionalized	7,1 kg



26.201	24h
510 mm	7,0 kg
550 mm sectionalized	7,6 kg



26.202	24h
510 mm	8,7 kg
550 mm sectionalized	9,4 kg

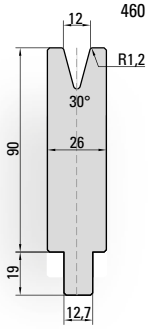


30° Dies, H = 90 mm

26.203 24h

510 mm		10,2 kg
550 mm sectionalized		11,0 kg

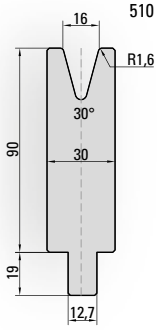
460 kN/m



26.204 24h

510 mm		10,8 kg
550 mm sectionalized		11,7 kg

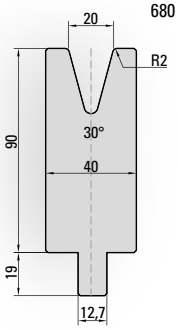
510 kN/m



26.205 24h

510 mm		13,9 kg
550 mm sectionalized		15,0 kg

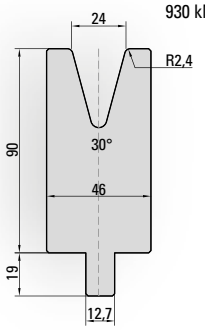
680 kN/m



26.206 24h

510 mm		15,5 kg
550 mm sectionalized		16,7 kg

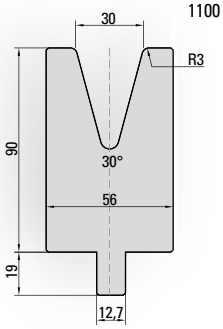
930 kN/m



26.207 24h

510 mm		17,9 kg
550 mm sectionalized		19,3 kg

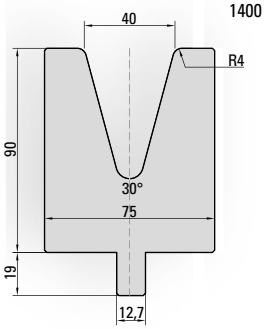
1100 kN/m



26.208 24h

510 mm		
550 mm sectionalized		24,1 kg

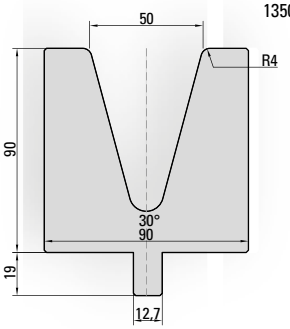
1400 kN/m



26.209 24h

510 mm		24,5 kg
550 mm sectionalized		26,5 kg

1350 kN/m



STE-PROTECTIVE FILM

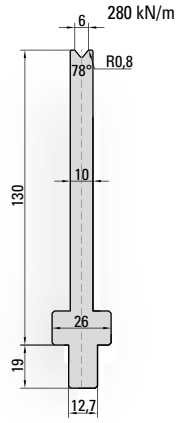


see chapter **13**

78° Dies, H = 130 mm

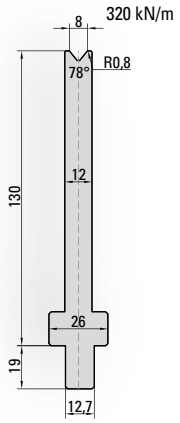
26.262 24h

510 mm	7,0 kg
550 mm sectionalized	7,6 kg



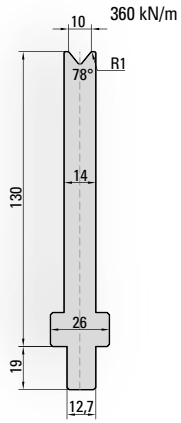
26.263 24h

510 mm	7,9 kg
550 mm sectionalized	8,5 kg



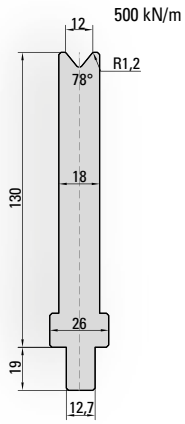
26.264 24h

510 mm	8,8 kg
550 mm sectionalized	9,5 kg



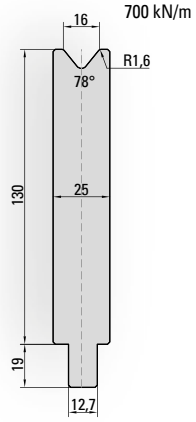
26.265 24h

510 mm	10,6 kg
550 mm sectionalized	11,4 kg



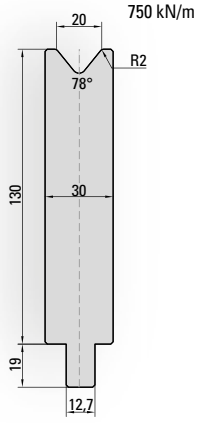
26.266 24h

510 mm	13,6 kg
550 mm sectionalized	14,7 kg



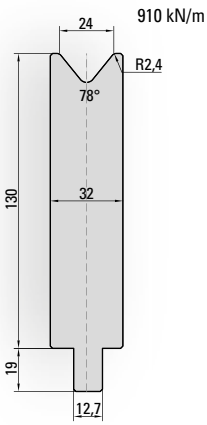
26.267 24h

510 mm	
550 mm sectionalized	17,3 kg



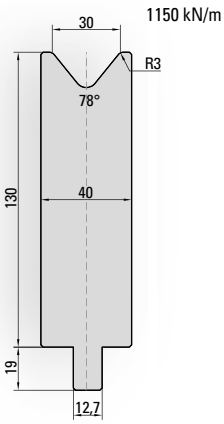
26.268 24h

510 mm	16,8 kg
550 mm sectionalized	18,2 kg



26.269 24h

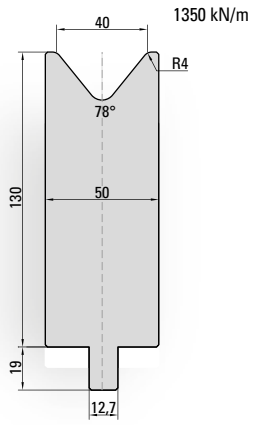
510 mm	
550 mm sectionalized	22,2 kg



78° Dies, H = 130 mm

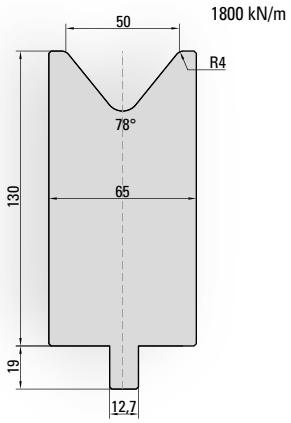
26.270 24h

510 mm	25,0 kg
550 mm sectionalized	26,9 kg



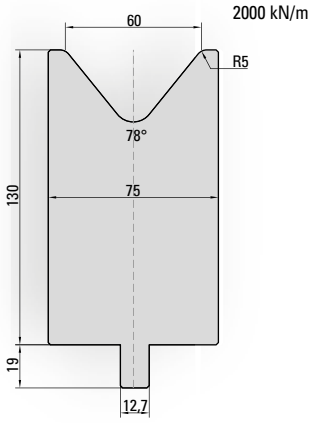
26.271 24h

510 mm	31,7 kg
550 mm sectionalized	34,2 kg



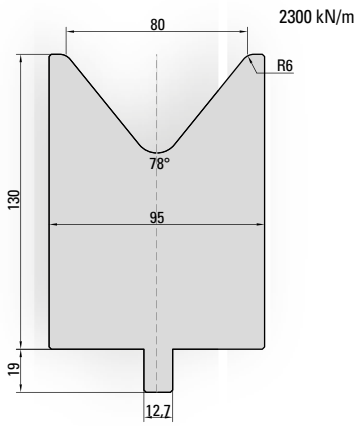
26.272 24h

510 mm	35,6 kg
550 mm sectionalized	38,4 kg



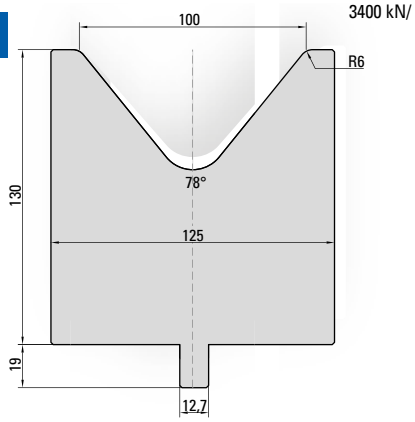
26.273 24h

510 mm	42,5 kg
550 mm sectionalized	45,9 kg



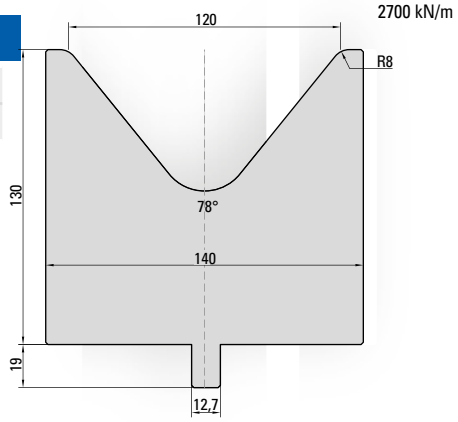
26.274 24h

510 mm	53,9 kg
550 mm sectionalized	58,1 kg



26.275 24h

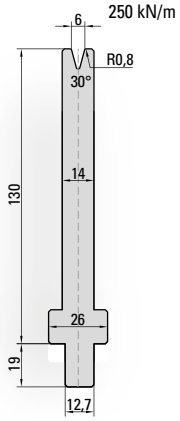
510 mm	56,5 kg
550 mm sectionalized	60,9 kg



30° Dies, H = 130 mm

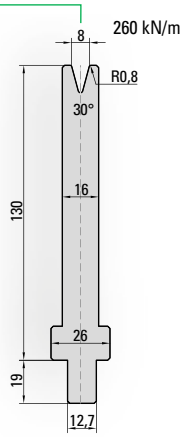
26.250 24h

510 mm	8,8 kg
550 mm sectionalized	9,5 kg



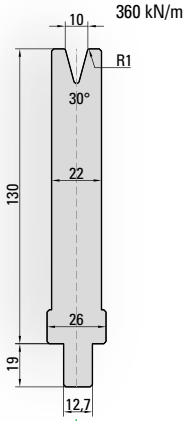
26.251 24h

510 mm	9,6 kg
550 mm sectionalized	10,3 kg



26.252 24h

510 mm	12,2 kg
550 mm sectionalized	13,2 kg

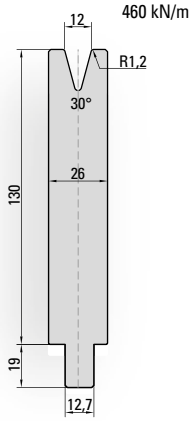


30° Dies, H = 130 mm

26.253 24h

510 mm		14,4 kg
550 mm sectionalized		15,5 kg

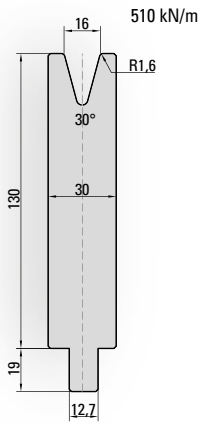
460 kN/m



26.254 24h

510 mm		15,6 kg
550 mm sectionalized		16,8 kg

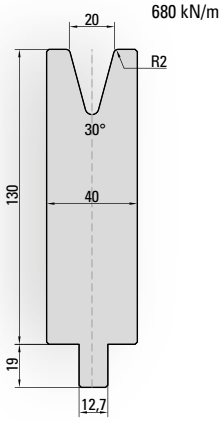
510 kN/m



26.255 24h

510 mm		20,3 kg
550 mm sectionalized		22,0 kg

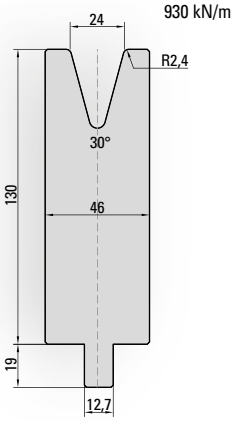
680 kN/m



26.256 24h

510 mm		22,8 kg
550 mm sectionalized		24,6 kg

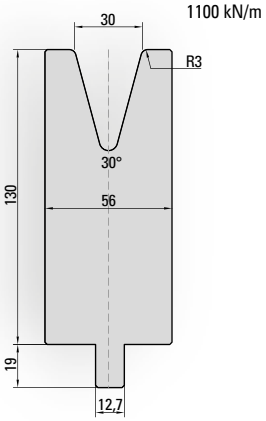
930 kN/m



26.257 24h

510 mm		26,8 kg
550 mm sectionalized		29,0 kg

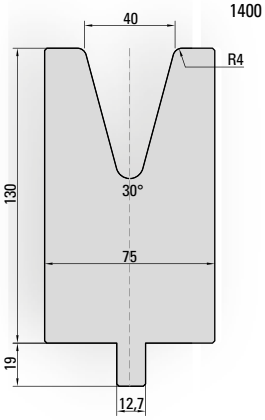
1100 kN/m



26.258 24h

510 mm		34,3 kg
550 mm sectionalized		37,0 kg

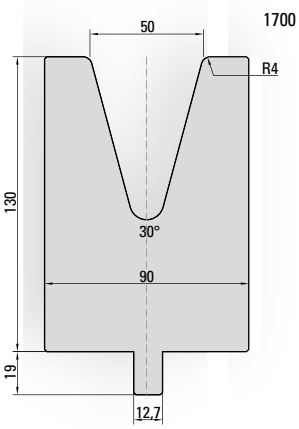
1400 kN/m



26.259 24h

510 mm		
550 mm sectionalized		42,0 kg

1700 kN/m



26.260 24h

510 mm		37,6 kg
550 mm sectionalized		40,6 kg

1550 kN/m

