

EDITION 12.2

**LPT**<sup>®</sup>  
**TOOLING**

**PRESS BRAKE TOOLS**

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# Tables of force

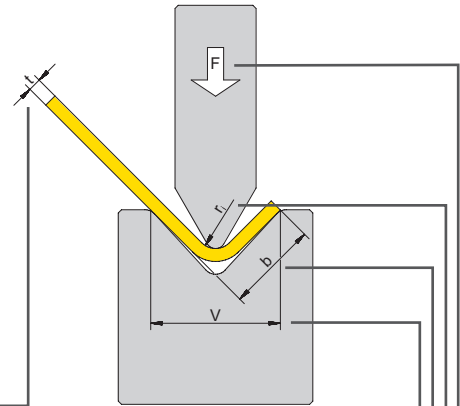
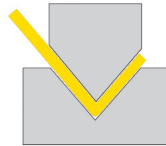
- t Material thickness
- F Force/pressure
- V Die opening
- b Shortest flange
- r<sub>i</sub> Inside radius
- R<sub>m</sub> Resistance

## 1) Air bending



## 2) Bottoming/coining

The force/pressure F for bottoming/coining is between 3 & 8 times higher than for air bending.



**Table of force: needed force for 90° air bending, resistance R<sub>m</sub> = 510 N/mm<sup>2</sup>, mild steel**

t (mm)	4	5	6	8	10	12	16	20	24	30	40	50	60	70	80	90	100	120	160	200	
2,8	3,6	4,3	5,7	7,1	8,5	11	14	17	21	28	36	43	50	57	64	71	85,2	114	142		
0,6	0,8	0,9	1,3	1,6	1,9	2,5	3,1	3,8	4,7	6,3	7,8	9,4	11	13	14	15,6	18,8	25	31,3		
0,5	48	36	28	20																	
0,75	126	92	72	49	37	30															
1	255	184	142	96	71	57	40														
1,25		319	243	162	120	94	65	50													
1,5			383	251	184	143	99	75	60												
1,75			564	366	266	206	140	105	84	64											
2				510	367	283	191	143	113	86	61										
2,5					638	487	324	239	188	142	100	77	62								
3						765	502	367	287	214	149	114	92	77							
4								734	567	417	286	215	172	143	122						
5									974	708	478	357	283	234	199	173					
6											734	543	428	352	298	258	228				
8												834	679	571	492	431	345	245			
10															956	819	714	567	398	306	
12																	1087	857	597	455	
15																		1434	986	746	
20																					1428

V (mm)  
b (mm)  
r<sub>i</sub> (mm)

F in kN/m

Scaled, rusted or not oiled up sheet metal will cause a much higher force.

**Table of force: needed force for 90° air bending, resistance R<sub>m</sub> = 700 N/mm<sup>2</sup>, stainless steel**

t (mm)	4	5	6	8	10	12	16	20	24	30	40	50	60	70	80	90	100	120	160	200	
2,8	3,6	4,3	5,7	7,1	8,5	11	14	17	21	28	36	43	50	57	64	71	85,2	114	142		
0,6	0,8	0,9	1,3	1,6	1,9	2,5	3,1	3,8	4,7	6,3	7,8	9,4	11	13	14	15,6	18,8	25	31,3		
0,5	66	49	39	27																	
0,75	172	126	98	68	51	41															
1		252	194	131	98	78	55														
1,25			334	222	164	129	90	68													
1,5			525	345	252	197	135	102	82												
1,75				502	364	283	193	145	115	88											
2					504	389	263	196	156	118	84										
2,5						668	444	328	258	194	137	105	85								
3							689	504	394	294	205	156	126	105							
4									778	572	392	296	236	197	168						
5										972	656	490	389	321	273	238					
6											746	588	483	410	355	312					
8													933	784	675	591	473	336			
10																980	778	547	420		
12																	1176	819	625		
15																					1024

V (mm)  
b (mm)  
r<sub>i</sub> (mm)

F in kN/m



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## LPT PRESS BRAKE TOOLING

LPT is proud to promote their new catalogue in cooperation with UKB - Uwe Krumm GmbH, Germany.

Built on a solid foundation of honesty, trust, integrity and strong family values, UKB strives to provide the highest level of customer care and service, a philosophy shared with LPT.

Regular visits of personnel between our two companies help strengthen the partnership to ensure LPT continue to provide the UK's leading support for press brake tooling products and application queries.







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UKB-Image



UKB-Press brake tool systems



see chapter 01-05

UKB-Flattening tools



see chapter 01, 02, 05

UKB-Holders for blades  
and blades R 0,5 - 6,0



see chapter 06

UKB-Holders for radius-tools  
and radius-tools  
R 7,0 – 50,0



see chapter 07

UKB-Z-Tool holders  
and Z-Tool inserts  
Z 1,0 – 15,0



see chapter 08

UKB-UniBend and  
UKB-WingBend PLUS



see chapter 09

UKB-Adjustable dies



see chapter 10

UKB-Special tools I



see chapter 11

UKB-Special tools II



see chapter 11

UKB-Protective film



see chapter 12

UKB-Mark free and  
mark reduced bending



see chapter 13

UKB-Press brake tool  
cabinets



see chapter 15

UKB-Accessories



see chapter 16

UKB-Vibro Hammer



see chapter 16

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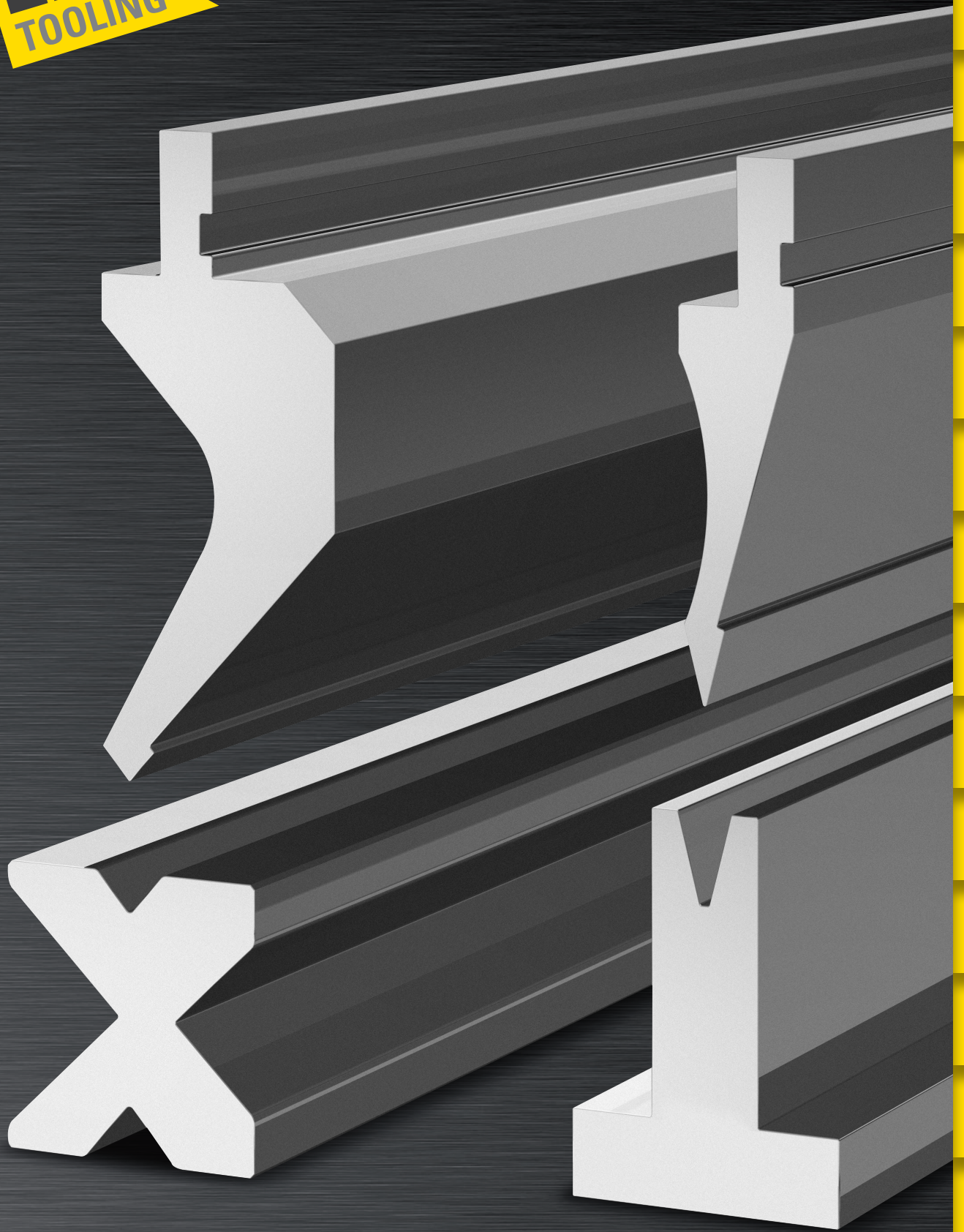
# PRESS BRAKE TOOLS

## UKB-SYSTEM AMADA

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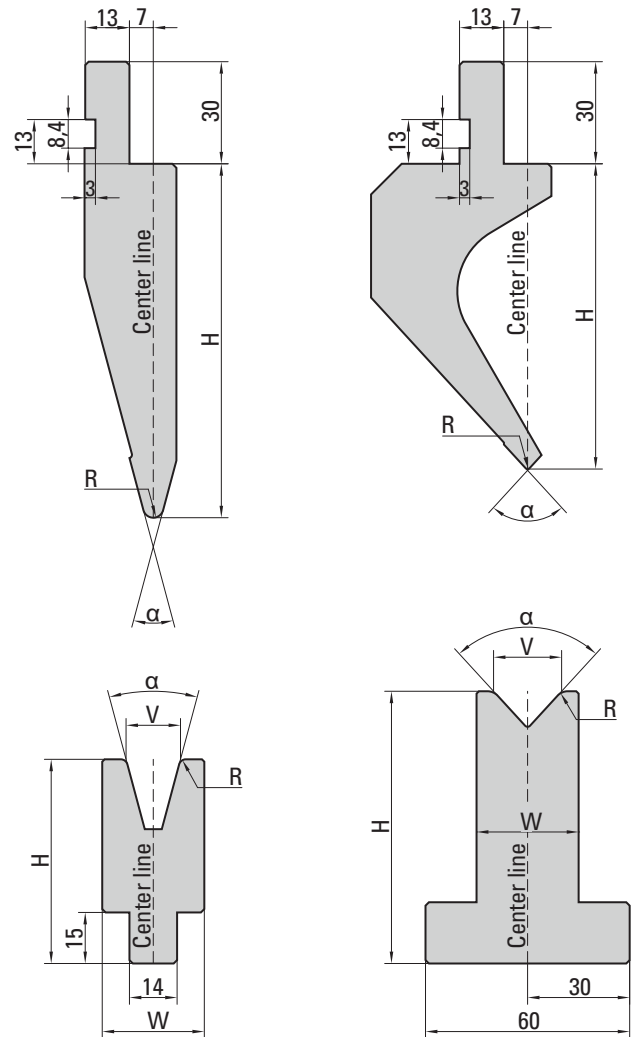






## Quality and precision

- ▶ Optimum materials
  - 42 CrMo4, tempered to 1100 – 1200 N/mm<sup>2</sup>
  - C45, tempered to 800 – 850 N/mm<sup>2</sup>
  - C45, 650 – 800 N/mm<sup>2</sup>
- ▶ Bending radius/intake radii hardened up to 52 – 55 HRC
- ▶ Precision ground
- ▶ Guaranteed exchangeability and parallelism
- ▶ Tool marking with all technical information



**VIDEO**  
UKB-Press brake tool systems

## LPT-ADVANTAGES

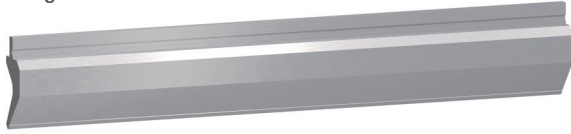
- ▶ **Office hours:** From Monday to Friday from 8:00am to 6:00pm
- ▶ **Dispatch time:** Press brake tools UKB-System Amada in **24 h**
- ▶ **Shipping:** Orders placed before 2:00pm on the same working day
- ▶ **Delivery service:**
  - Standard: 2 days typical by courier  
4 days typical (larger shipments over 40 kg)
  - Express service: According agreement
- ▶ **Package:** Ecologically sensitive and safe - with self recycled packing material
- ▶ **Payment options:** 30 days invoice

**VIDEO**  
UKB-Image

## Tool lengths

### PUNCHES/TOP TOOLS

Length **835 mm**

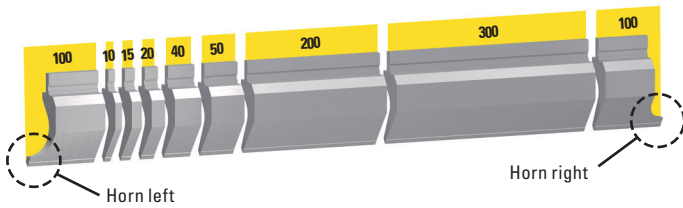


Length **415 mm**



Length **835 mm sectionalized**

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



### DIES

Length **835 mm**



Length **415 mm**



Length **835 mm sectionalized**

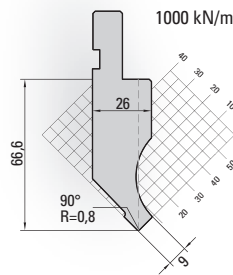
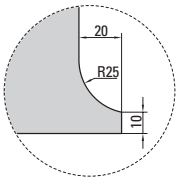
- ▶ Sectionalized dies are delivered as a complete set
- ▶ 8 Segments



## 90° Punches/top tools

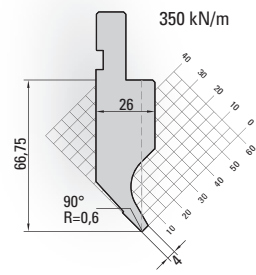
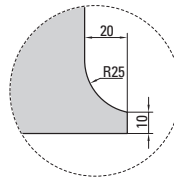
### 11.100 24h

835 mm	P.O.A.	11,0 kg
415 mm	P.O.A.	5,5 kg
835 mm sectionalized	P.O.A.	11,0 kg



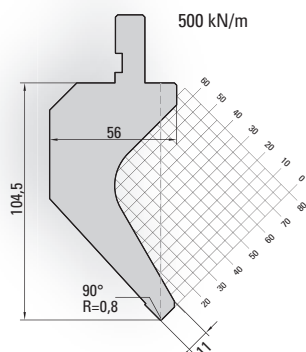
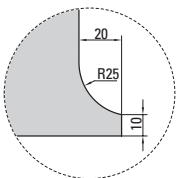
### 10.175 24h

835 mm	P.O.A.	10,5 kg
415 mm	P.O.A.	5,2 kg
835 mm sectionalized	P.O.A.	10,5 kg



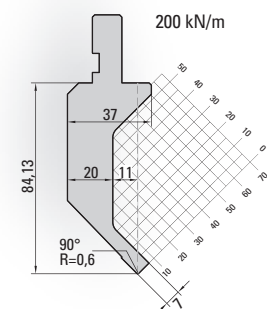
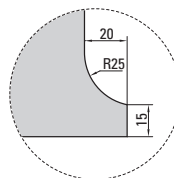
### 11.107 24h

835 mm	P.O.A.	23,0 kg
415 mm	P.O.A.	11,5 kg
835 mm sectionalized	P.O.A.	23,0 kg



### 10.150 24h

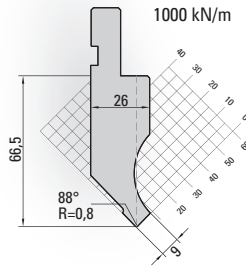
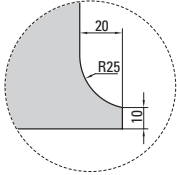
835 mm	P.O.A.	13,0 kg
415 mm	P.O.A.	6,5 kg
835 mm sectionalized	P.O.A.	13,0 kg



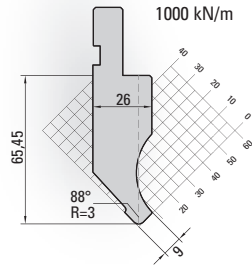
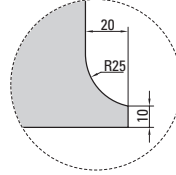


## 88° Punches/top tools

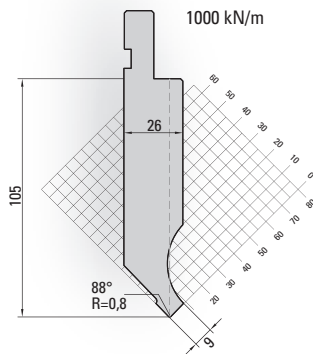
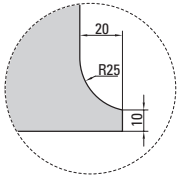
<b>11.145</b>		<b>24h</b>
835 mm	P.O.A.	11,0 kg
415 mm	P.O.A.	5,5 kg
835 mm sectionalized	P.O.A.	11,0 kg



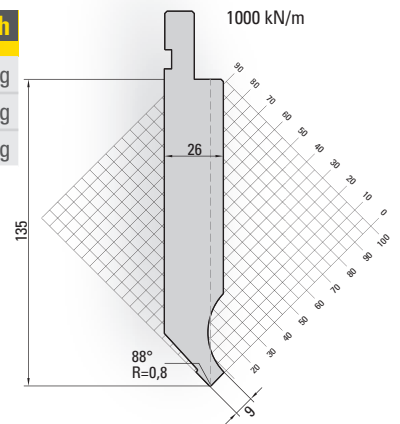
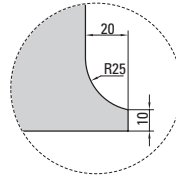
<b>11.101</b>		<b>24h</b>
835 mm	P.O.A.	11,0 kg
415 mm	P.O.A.	5,5 kg
835 mm sectionalized	P.O.A.	11,0 kg



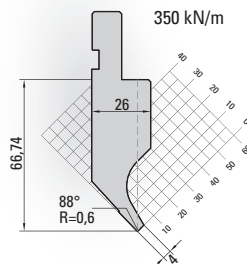
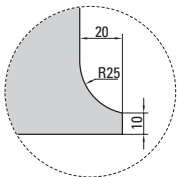
<b>11.228</b>		<b>24h</b>
835 mm	P.O.A.	17,5 kg
415 mm	P.O.A.	8,7 kg
835 mm sectionalized	P.O.A.	17,5 kg



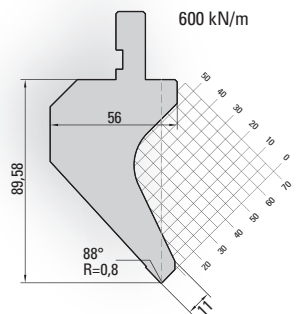
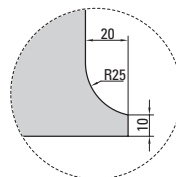
<b>11.870</b>		<b>24h</b>
835 mm	P.O.A.	22,5 kg
415 mm	P.O.A.	11,2 kg
835 mm sectionalized	P.O.A.	22,5 kg



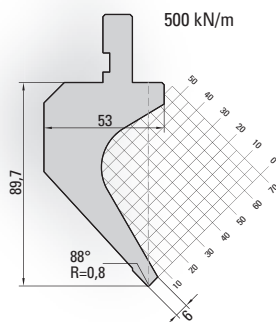
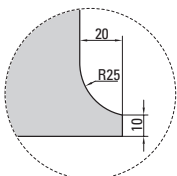
<b>10.176</b>		<b>24h</b>
835 mm	P.O.A.	10,5 kg
415 mm	P.O.A.	5,2 kg
835 mm sectionalized	P.O.A.	10,5 kg



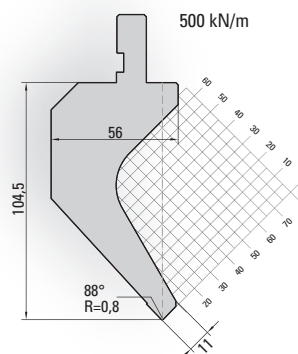
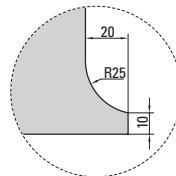
<b>11.146</b>		<b>24h</b>
835 mm	P.O.A.	21,0 kg
415 mm	P.O.A.	10,5 kg
835 mm sectionalized	P.O.A.	21,0 kg



<b>10.502</b>		<b>24h</b>
835 mm	P.O.A.	17,0 kg
415 mm	P.O.A.	8,5 kg
835 mm sectionalized	P.O.A.	17,0 kg



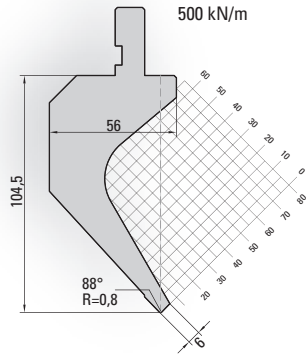
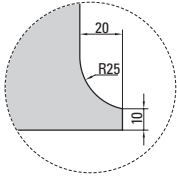
<b>11.147</b>		<b>24h</b>
835 mm	P.O.A.	23,0 kg
415 mm	P.O.A.	11,5 kg
835 mm sectionalized	P.O.A.	23,0 kg



## 88° Punches/top tools

### 10.504 24h

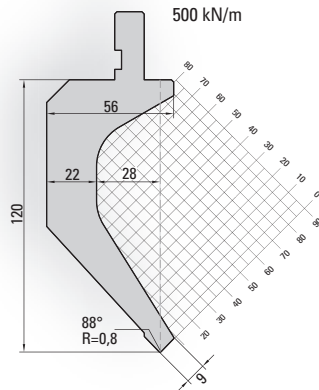
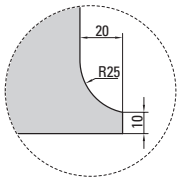
835 mm	P.O.A.	21,5 kg
415 mm	P.O.A.	10,7 kg
835 mm sectionalized	P.O.A.	21,5 kg



01

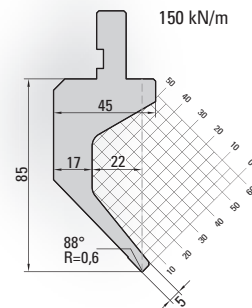
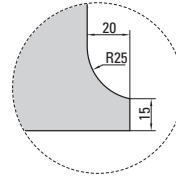
### 10.505 24h

835 mm	P.O.A.	22,0 kg
415 mm	P.O.A.	11,0 kg
835 mm sectionalized	P.O.A.	22,0 kg



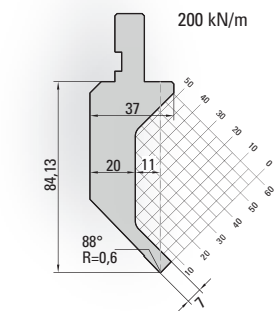
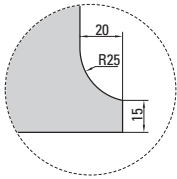
### 11.830 24h

835 mm	P.O.A.	13,0 kg
415 mm	P.O.A.	6,5 kg
835 mm sectionalized	P.O.A.	13,0 kg



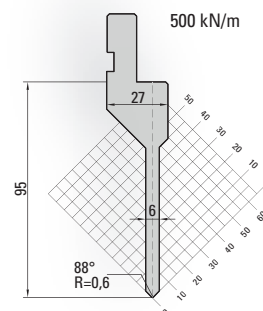
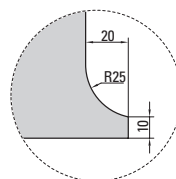
### 10.512 24h

835 mm	P.O.A.	13,0 kg
415 mm	P.O.A.	6,5 kg
835 mm sectionalized	P.O.A.	13,0 kg



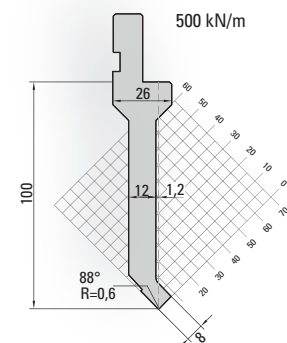
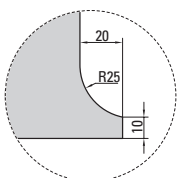
### 11.260 24h

835 mm	P.O.A.	9,0 kg
415 mm	P.O.A.	4,5 kg
835 mm sectionalized	P.O.A.	9,0 kg



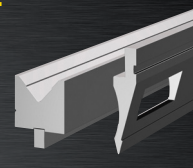
### 10.262 24h

835 mm	P.O.A.	11,5 kg
415 mm	P.O.A.	5,7 kg
835 mm sectionalized	P.O.A.	11,5 kg



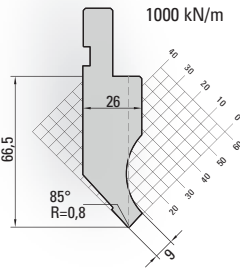
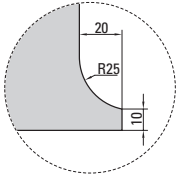
### UKB-MODIFICATION OF PRESS BRAKE TOOLS

[www.lptooling.co.uk](http://www.lptooling.co.uk)

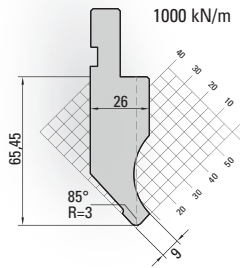
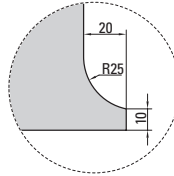


## 85° Punches/top tools

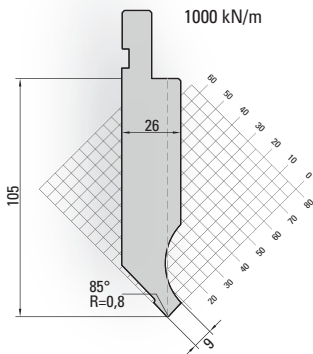
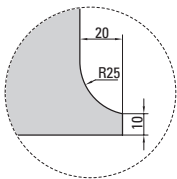
<b>11.200</b>	<b>24h</b>
835 mm	P.O.A. 11,0 kg
415 mm	P.O.A. 5,5 kg
835 mm sectionalized	P.O.A. 11,0 kg



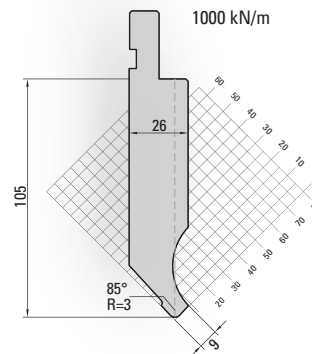
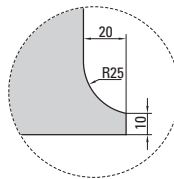
<b>11.201</b>	<b>24h</b>
835 mm	P.O.A. 11,0 kg
415 mm	P.O.A. 5,5 kg
835 mm sectionalized	P.O.A. 11,0 kg



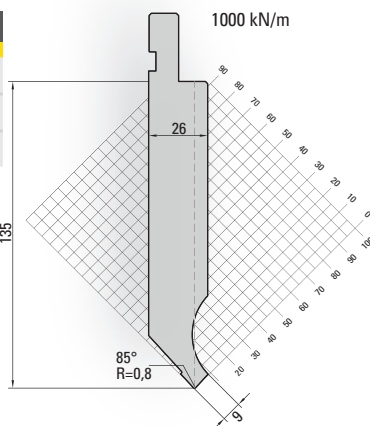
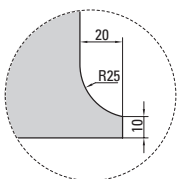
<b>11.230</b>	<b>24h</b>
835 mm	P.O.A. 17,5 kg
415 mm	P.O.A. 8,7 kg
835 mm sectionalized	P.O.A. 17,5 kg



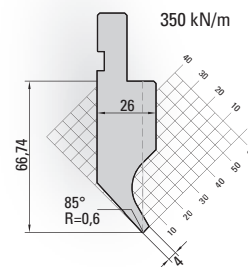
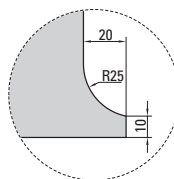
<b>11.231</b>	<b>24h</b>
835 mm	P.O.A. 17,5 kg
415 mm	P.O.A. 8,7 kg
835 mm sectionalized	P.O.A. 17,5 kg



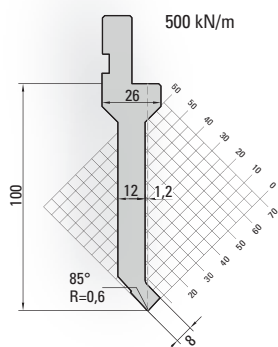
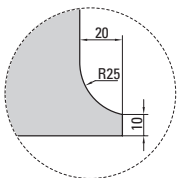
<b>11.232</b>	<b>24h</b>
835 mm	P.O.A. 22,5 kg
415 mm	P.O.A. 11,2 kg
835 mm sectionalized	P.O.A. 22,5 kg



<b>10.170</b>	<b>24h</b>
835 mm	P.O.A. 10,5 kg
415 mm	P.O.A. 5,2 kg
835 mm sectionalized	P.O.A. 10,5 kg



<b>11.861</b>	<b>24h</b>
835 mm	P.O.A. 11,5 kg
415 mm	P.O.A. 5,7 kg
835 mm sectionalized	P.O.A. 11,5 kg



### UKB-PRESS BRAKE TOOL CABINETS



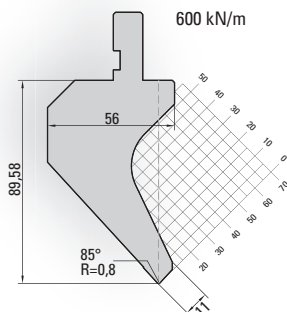
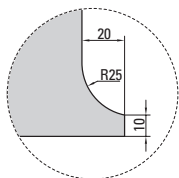
see chapter 15



## 85° Punches/top tools

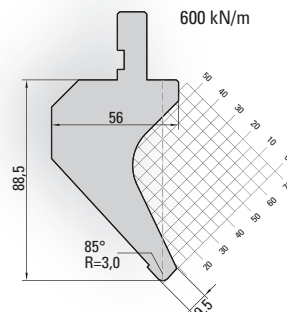
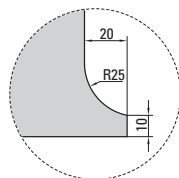
### 11.660 24h

835 mm	P.O.A.	21,0 kg
415 mm	P.O.A.	10,5 kg
835 mm sectionalized	P.O.A.	21,0 kg



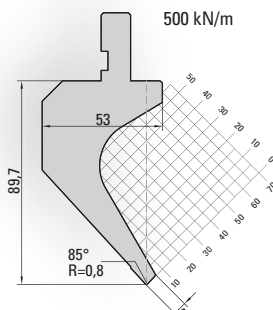
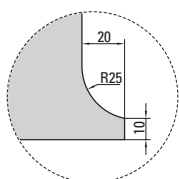
### 11.863 24h

835 mm	P.O.A.	21,0 kg
415 mm	P.O.A.	10,5 kg
835 mm sectionalized	P.O.A.	21,0 kg



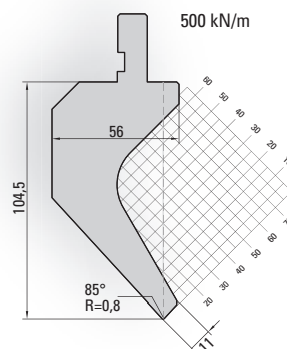
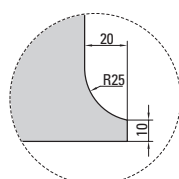
### 11.865 24h

835 mm	P.O.A.	17,0 kg
415 mm	P.O.A.	8,5 kg
835 mm sectionalized	P.O.A.	17,0 kg



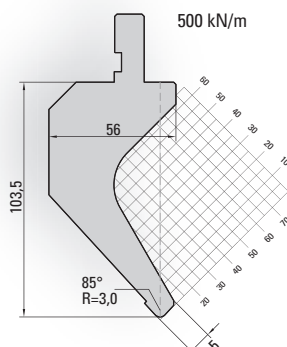
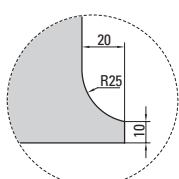
### 11.151 24h

835 mm	P.O.A.	23,0 kg
415 mm	P.O.A.	11,5 kg
835 mm sectionalized	P.O.A.	23,0 kg



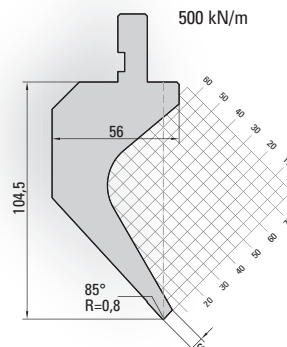
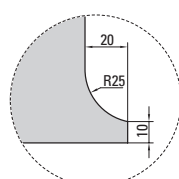
### 11.866 24h

835 mm	P.O.A.	23,0 kg
415 mm	P.O.A.	11,5 kg
835 mm sectionalized	P.O.A.	23,0 kg



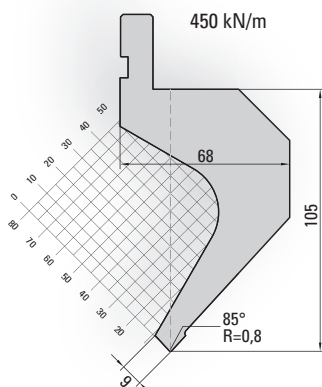
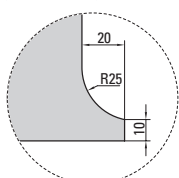
### 11.650 24h

835 mm	P.O.A.	21,5 kg
415 mm	P.O.A.	10,7 kg
835 mm sectionalized	P.O.A.	21,5 kg



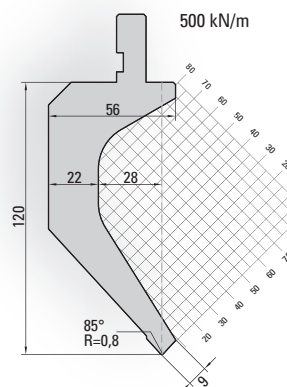
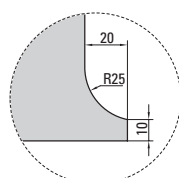
### 11.869 24h

835 mm	P.O.A.	25,0 kg
415 mm	P.O.A.	12,5 kg
835 mm sectionalized	P.O.A.	25,0 kg



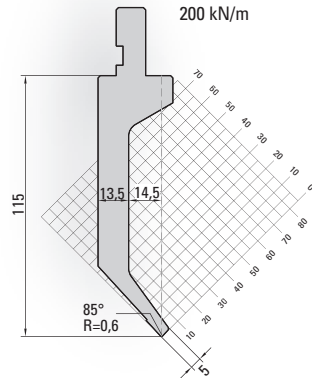
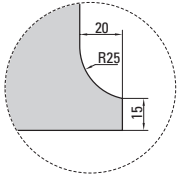
### 11.835 24h

835 mm	P.O.A.	22,0 kg
415 mm	P.O.A.	11,0 kg
835 mm sectionalized	P.O.A.	22,0 kg

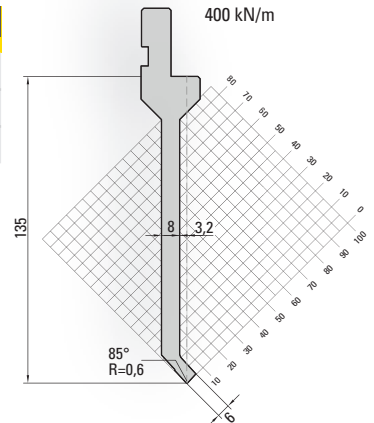
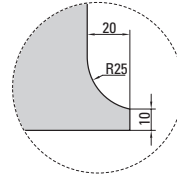


## 85° Punches/top tools

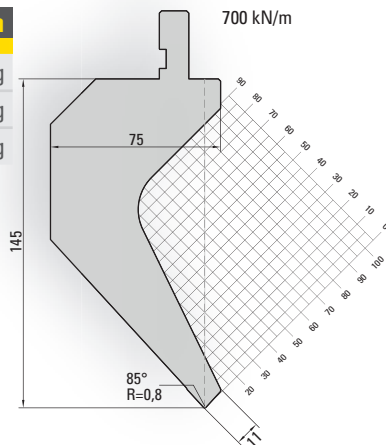
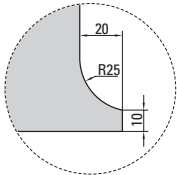
<b>11.820</b> <b>24h</b>		
835 mm	P.O.A.	14,0 kg
415 mm	P.O.A.	7,0 kg
835 mm sectionalized	P.O.A.	14,0 kg



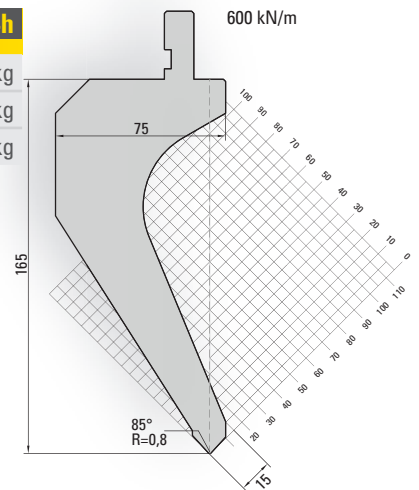
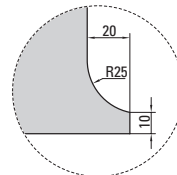
<b>11.855</b> <b>24h</b>		
835 mm	P.O.A.	11,0 kg
415 mm	P.O.A.	5,5 kg
835 mm sectionalized	P.O.A.	11,0 kg



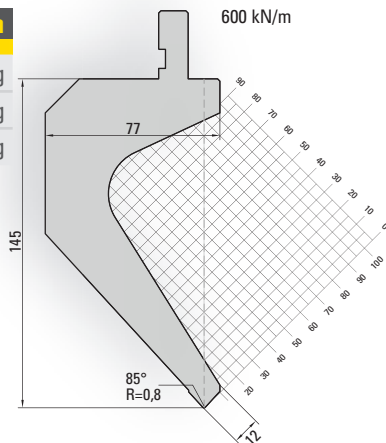
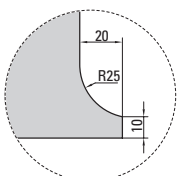
<b>11.848</b> <b>24h</b>		
835 mm	P.O.A.	39,0 kg
415 mm	P.O.A.	19,5 kg
835 mm sectionalized	P.O.A.	39,0 kg



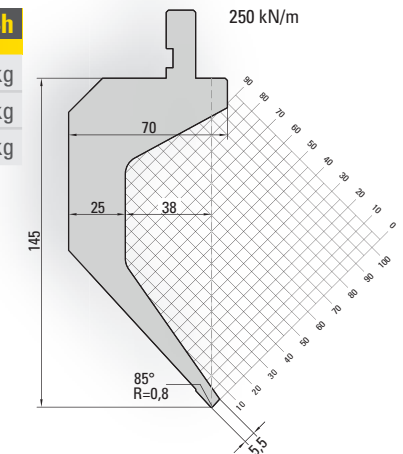
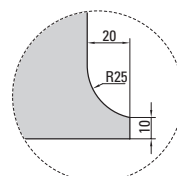
<b>11.849</b> <b>24h</b>		
835 mm	P.O.A.	41,0 kg
415 mm	P.O.A.	20,5 kg
835 mm sectionalized	P.O.A.	41,0 kg



<b>11.670</b> <b>24h</b>		
835 mm	P.O.A.	34,5 kg
415 mm	P.O.A.	17,3 kg
835 mm sectionalized	P.O.A.	34,5 kg



<b>11.680</b> <b>24h</b>		
835 mm	P.O.A.	27,6 kg
415 mm	P.O.A.	13,7 kg
835 mm sectionalized	P.O.A.	27,6 kg

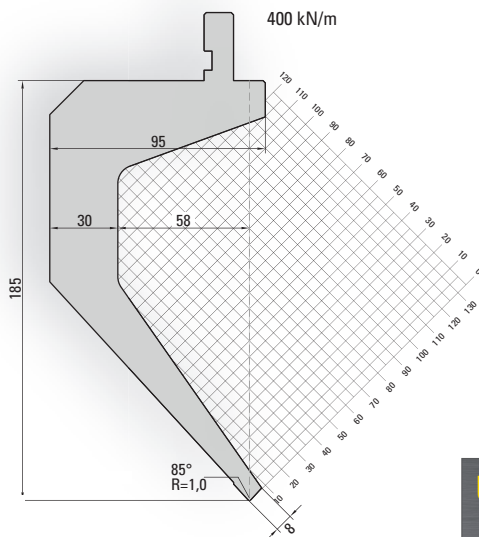
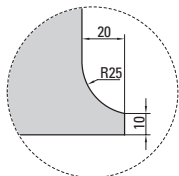


## 85° Punches/top tools

### 11.850 24h

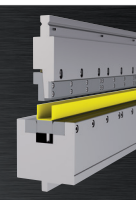
505 mm	P.O.A.	26,0 kg
500 mm sectionalized	P.O.A.	25,7 kg

Length 500 mm sectionalized: 9 segments  
(100, 20, 25, 30, 35, 40, 50, 100, 100)  
Horn L. Horn r.



### UKB-SPECIAL TOOLS

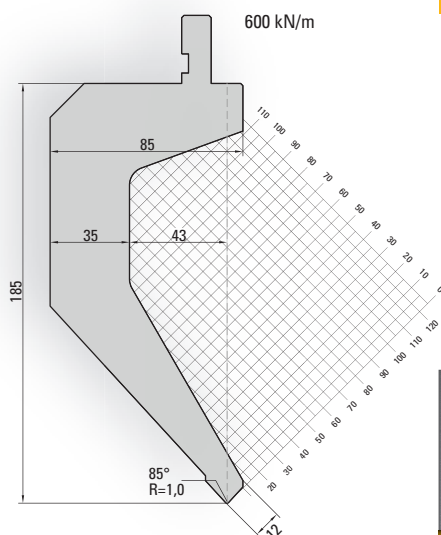
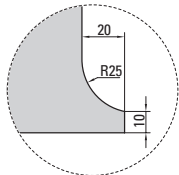
see chapter 11



### 11.840 24h

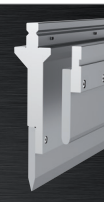
505 mm	P.O.A.	29,5 kg
500 mm sectionalized	P.O.A.	29,2 kg

Length 500 mm sectionalized: 9 segments  
(100, 20, 25, 30, 35, 40, 50, 100, 100)  
Horn L. Horn r.



### UKB-HOLDERS FOR BLADES AND BLADES R 0,5 – 6,0

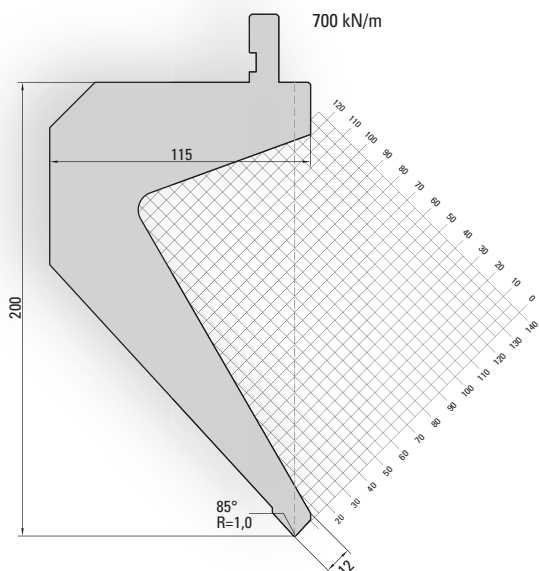
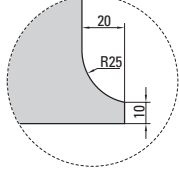
see chapter 06



### 11.800 24h

505 mm	P.O.A.	40,0 kg
500 mm sectionalized	P.O.A.	39,6 kg

Length 500 mm sectionalized: 9 segments  
(100, 20, 25, 30, 35, 40, 50, 100, 100)  
Horn L. Horn r.





## 90°/88°/85° Punch/top tool end pieces with movable horn extensions

### 90°

Model	Suitable for punch/top tool	$\alpha$	R (mm)	H	kg	Price per pair left/right
40.112	11.100	90°	0,8	66,60	3,5	P.O.A.
40.120	10.175	90°	0,6	66,75	3,5	P.O.A.

Delivery time on request

### 88°

Model	Suitable for punch/top tool	$\alpha$	R (mm)	H	kg	Price per pair left/right
40.113	11.145	88°	0,8	66,50	3,5	P.O.A.
40.115	11.101	88°	3,0	65,45	3,5	P.O.A.
40.121	10.176	88°	0,6	66,74	3,5	P.O.A.

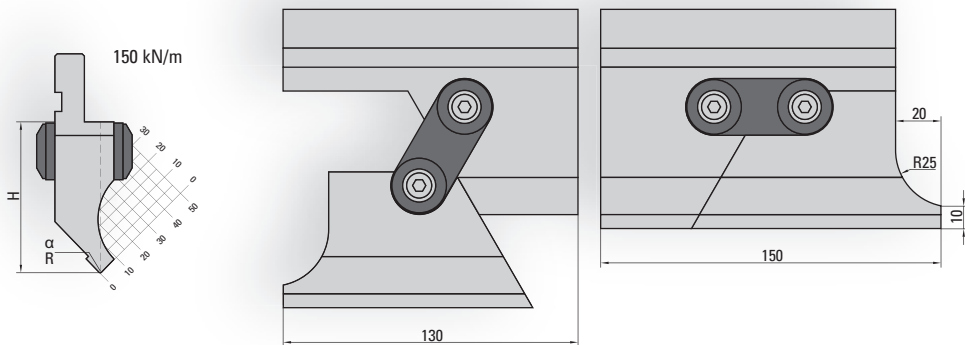
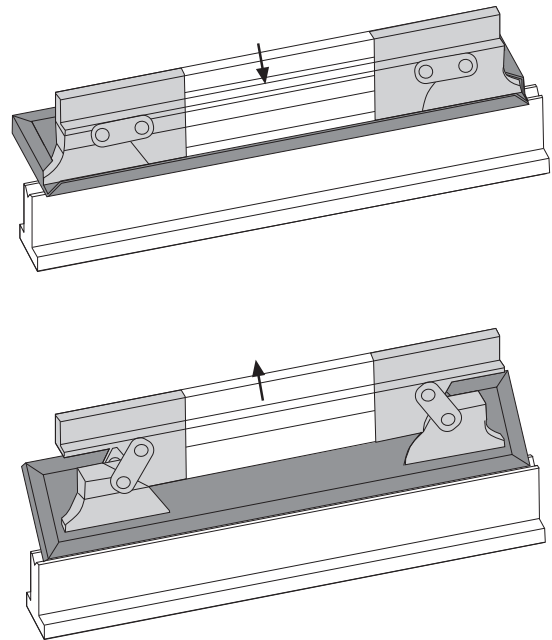
Delivery time on request

### 85°

Model	Suitable for punch/top tool	$\alpha$	R (mm)	H	kg	Price per pair left/right
40.114	11.200	85°	0,8	66,50	3,5	P.O.A.
40.116	11.201	85°	3,0	65,45	3,5	P.O.A.
40.122	10.170	85°	0,6	66,74	3,5	P.O.A.

Delivery time on request

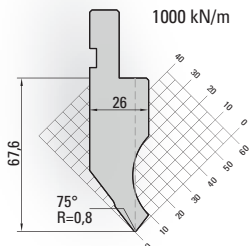
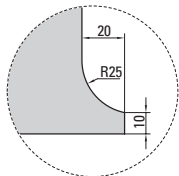
### EXAMPLE OF USE



## 75° Punch/top tool

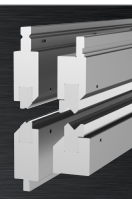
### 11.275 24h

835 mm	P.O.A.	11,0 kg
415 mm	P.O.A.	5,5 kg
835 mm sectionalized	P.O.A.	11,0 kg



### UKB-Z-TOOL HOLDERS AND Z-TOOL INSERTS Z 1,0 – 15,0

see chapter 08

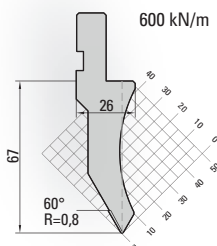
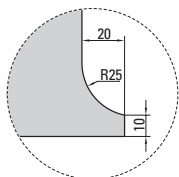


01

## 60° Punches/top tools

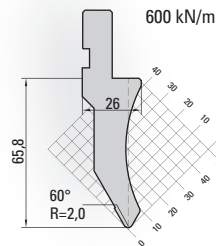
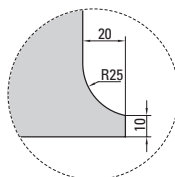
### 10.142 24h

835 mm	P.O.A.	9,0 kg
415 mm	P.O.A.	4,5 kg
835 mm sectionalized	P.O.A.	9,0 kg



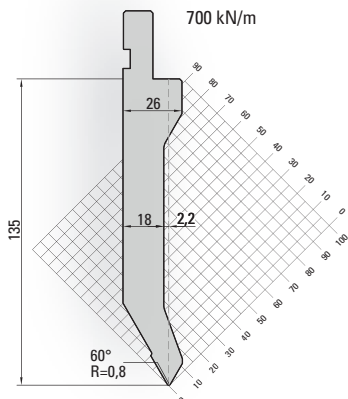
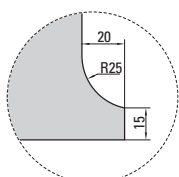
### 10.143 24h

835 mm	P.O.A.	9,0 kg
415 mm	P.O.A.	4,5 kg
835 mm sectionalized	P.O.A.	9,0 kg



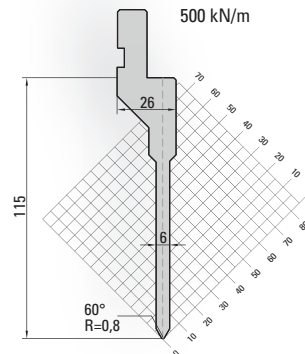
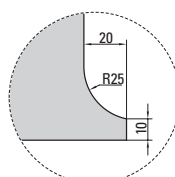
### 11.750 24h

835 mm	P.O.A.	18,0 kg
415 mm	P.O.A.	9,0 kg
835 mm sectionalized	P.O.A.	18,0 kg



### 10.520 24h

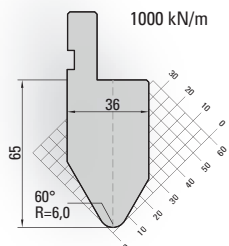
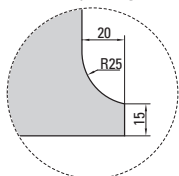
835 mm	P.O.A.	9,5 kg
415 mm	P.O.A.	4,7 kg
835 mm sectionalized	P.O.A.	9,5 kg



### 10.136 24h

835 mm	P.O.A.	14,0 kg
415 mm	P.O.A.	7,0 kg
835 mm sectionalized	P.O.A.	14,0 kg

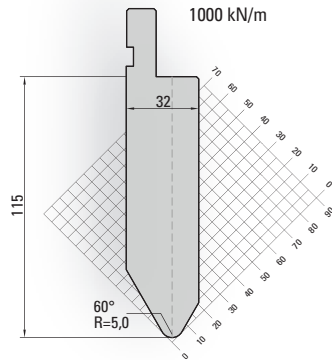
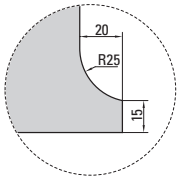
1500 kN/m if the tool clamping has the corresponding load



## 60° Punches/top tools

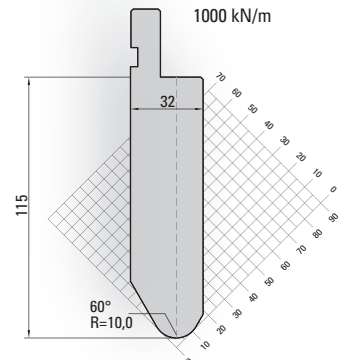
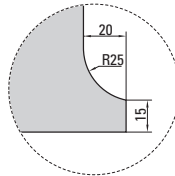
<b>11.710</b>		<b>24h</b>
835 mm	P.O.A.	24,5 kg
415 mm	P.O.A.	12,2 kg
835 mm sectionalized	P.O.A.	24,5 kg

1200 kN/m if the tool clamping has the corresponding load

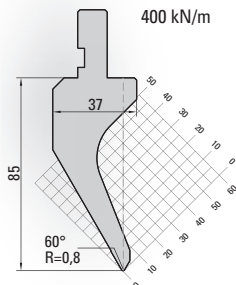
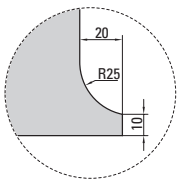


<b>11.720</b>		<b>24h</b>
835 mm	P.O.A.	25,0 kg
415 mm	P.O.A.	12,5 kg
835 mm sectionalized	P.O.A.	25,0 kg

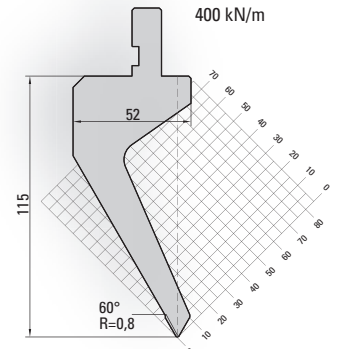
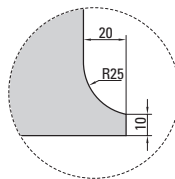
1200 kN/m if the tool clamping has the corresponding load



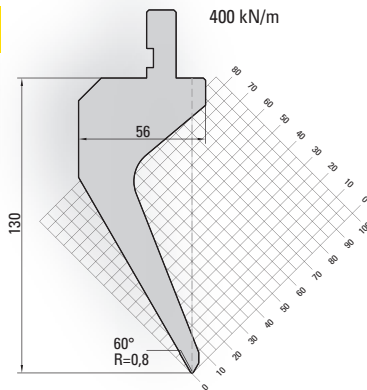
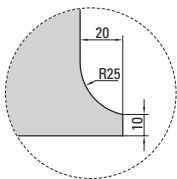
<b>10.516</b>		<b>24h</b>
835 mm	P.O.A.	12,0 kg
415 mm	P.O.A.	6,0 kg
835 mm sectionalized	P.O.A.	12,0 kg



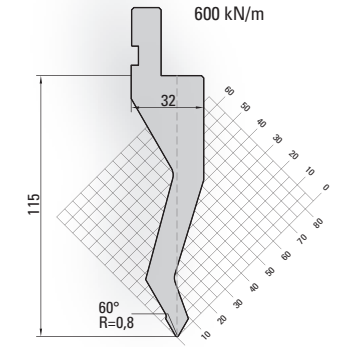
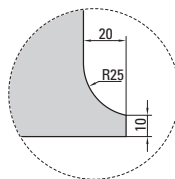
<b>10.500</b>		<b>24h</b>
835 mm	P.O.A.	19,5 kg
415 mm	P.O.A.	9,7 kg
835 mm sectionalized	P.O.A.	19,5 kg



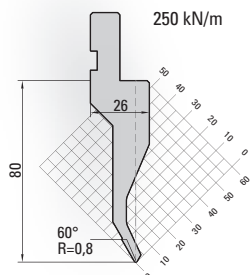
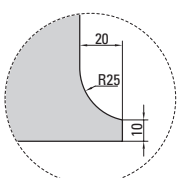
<b>10.506</b>		<b>24h</b>
835 mm	P.O.A.	22,5 kg
415 mm	P.O.A.	11,2 kg
835 mm sectionalized	P.O.A.	22,5 kg



<b>10.510</b>		<b>24h</b>
835 mm	P.O.A.	15,0 kg
415 mm	P.O.A.	7,5 kg
835 mm sectionalized	P.O.A.	15,0 kg

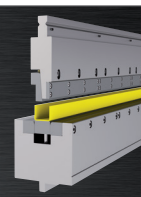


<b>10.517</b>		<b>24h</b>
835 mm	P.O.A.	9,0 kg
415 mm	P.O.A.	4,5 kg
835 mm sectionalized	P.O.A.	9,0 kg



### UKB-SPECIAL TOOLS

see chapter 11

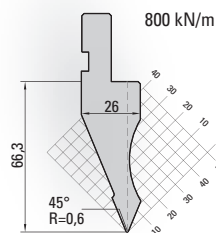
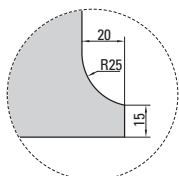




## 45° Punches/top tools

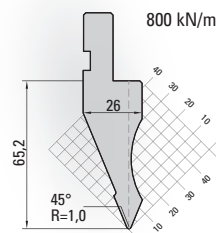
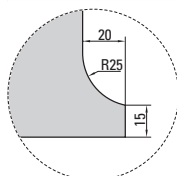
### 11.134 24h

835 mm	P.O.A.	9,5 kg
415 mm	P.O.A.	4,7 kg
835 mm sectionalized	P.O.A.	9,5 kg



### 11.102 24h

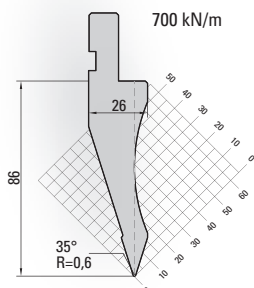
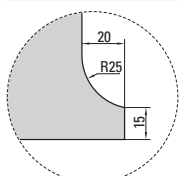
835 mm	P.O.A.	9,5 kg
415 mm	P.O.A.	4,7 kg
835 mm sectionalized	P.O.A.	9,5 kg



## 35° Punches/top tools

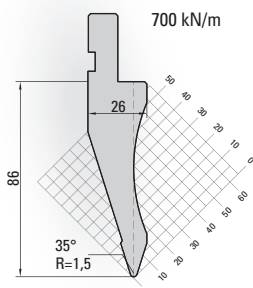
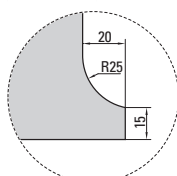
### 11.103 24h

835 mm	P.O.A.	11,5 kg
415 mm	P.O.A.	5,7 kg
835 mm sectionalized	P.O.A.	11,5 kg



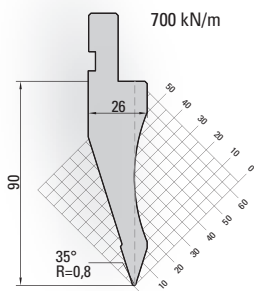
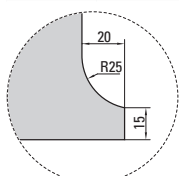
### 11.104 24h

835 mm	P.O.A.	11,5 kg
415 mm	P.O.A.	5,7 kg
835 mm sectionalized	P.O.A.	11,5 kg



### 11.600 24h

835 mm	P.O.A.	11,5 kg
415 mm	P.O.A.	5,7 kg
835 mm sectionalized	P.O.A.	11,5 kg



## UKB-ACCESSORIES

see chapter 16



## WWW.LPTOOLING.CO.UK

LPT-Catalogue > View and download pdf version

Tool dxf's > Download tool profile dxf's

Innovations > Always the latest news

Product information > All UKB-Products at a glance

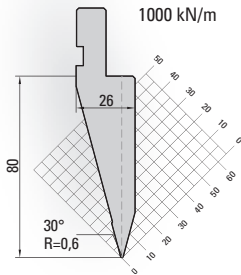
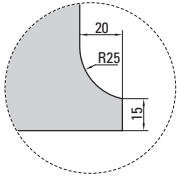
Downloads > Information for you

Video-channel > A closer look into the company and interesting product videos

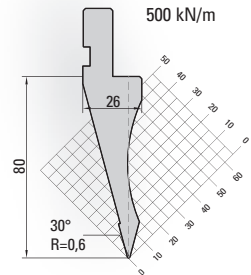
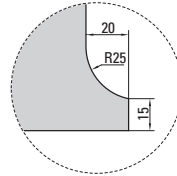


## 30° Punches/top tools

<b>11.158</b>	<b>24h</b>		
835 mm	P.O.A.	10,5 kg	
415 mm	P.O.A.	5,2 kg	
835 mm sectionalized	P.O.A.	10,5 kg	

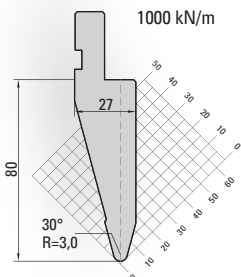
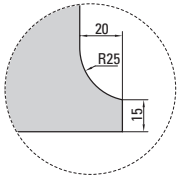


<b>10.514</b>	<b>24h</b>		
835 mm	P.O.A.	9,0 kg	
415 mm	P.O.A.	4,5 kg	
835 mm sectionalized	P.O.A.	9,0 kg	

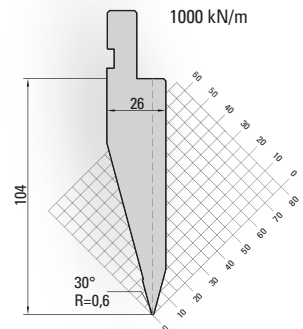
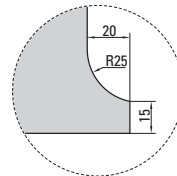


<b>10.511</b>	<b>24h</b>		
835 mm	P.O.A.	12,5 kg	
415 mm	P.O.A.	6,2 kg	
835 mm sectionalized	P.O.A.	12,5 kg	

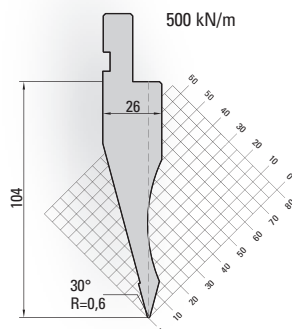
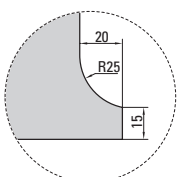
1200 kN/m if the tool clamping has the corresponding load



<b>11.258</b>	<b>24h</b>		
835 mm	P.O.A.	15,5 kg	
415 mm	P.O.A.	7,7 kg	
835 mm sectionalized	P.O.A.	15,5 kg	

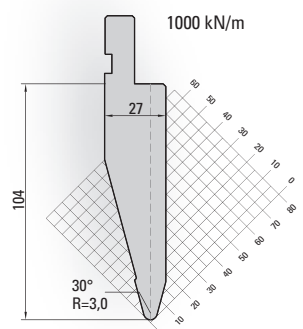
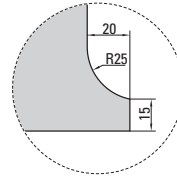


<b>11.514</b>	<b>24h</b>		
835 mm	P.O.A.	14,0 kg	
415 mm	P.O.A.	7,0 kg	
835 mm sectionalized	P.O.A.	14,0 kg	



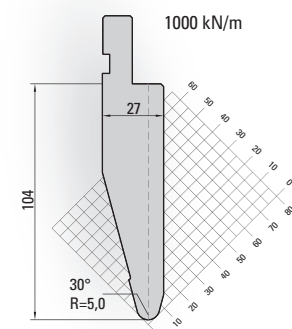
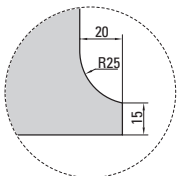
<b>11.528</b>	<b>24h</b>		
835 mm	P.O.A.	16,5 kg	
415 mm	P.O.A.	8,2 kg	
835 mm sectionalized	P.O.A.	16,5 kg	

1200 kN/m if the tool clamping has the corresponding load

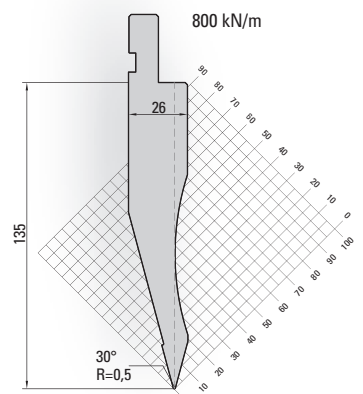
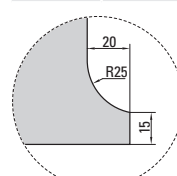


<b>11.530</b>	<b>24h</b>		
835 mm	P.O.A.	17,0 kg	
415 mm	P.O.A.	8,5 kg	
835 mm sectionalized	P.O.A.	17,0 kg	

1200 kN/m if the tool clamping has the corresponding load



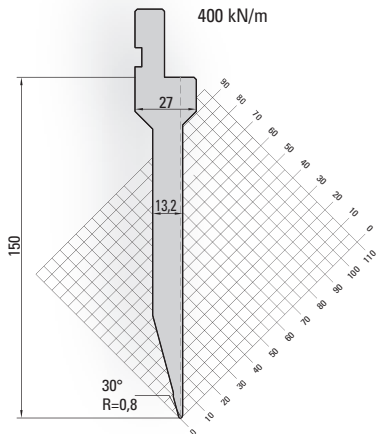
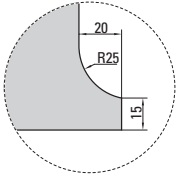
<b>11.780</b>	<b>24h</b>		
835 mm	P.O.A.	18,5 kg	
415 mm	P.O.A.	9,2 kg	
835 mm sectionalized	P.O.A.	18,5 kg	



## 30° Punches/top tools

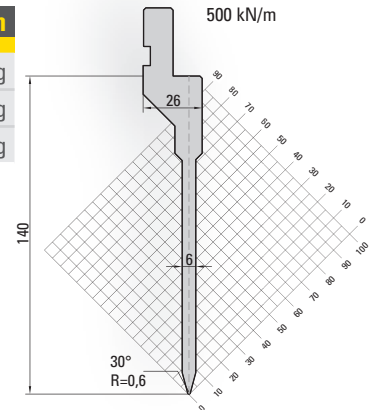
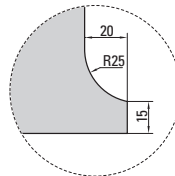
### 11.880 24h

835 mm	P.O.A.	15,0 kg
415 mm	P.O.A.	7,5 kg
835 mm sectionalized	P.O.A.	15,0 kg



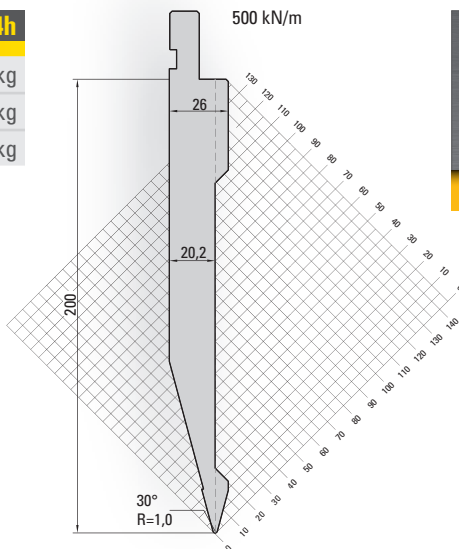
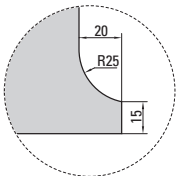
### 10.515 24h

835 mm	P.O.A.	11,0 kg
415 mm	P.O.A.	5,5 kg
835 mm sectionalized	P.O.A.	11,0 kg



### 11.810 24h

835 mm	P.O.A.	26,0 kg
415 mm	P.O.A.	13,0 kg
835 mm sectionalized	P.O.A.	26,0 kg



### UKB-HOLDERS FOR BLADES AND BLADES R 0,5 - 6,0

see chapter 06



### LPT-FIELD SERVICE

- ▶ Individual advice and sale
- ▶ Technical solutions for special bending tasks
- ▶ Test bending on-site
- ▶ Tool demonstrations
- ▶ Pick up service for tools to rework



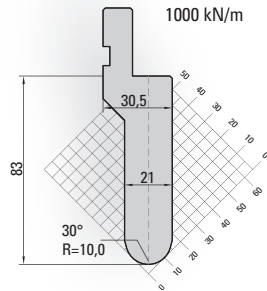
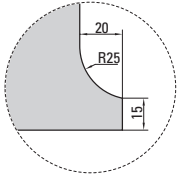
## 30° Punches/top tools

### 11.904 24h

835 mm	P.O.A.	14,4 kg
415 mm	P.O.A.	7,2 kg
835 mm sectionalized	P.O.A.	14,4 kg

Compatible to radius-tool holder 10.115 and radius-tool 10.304/11.304 (page 131/134)

1500 kN/m if the tool clamping has the corresponding load

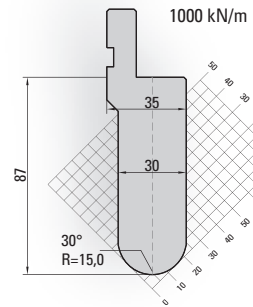
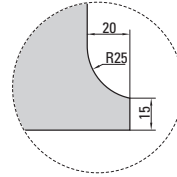


### 11.911 24h

835 mm	P.O.A.	19,2 kg
415 mm	P.O.A.	9,6 kg
835 mm sectionalized	P.O.A.	19,2 kg

Compatible to radius-tool holder 10.115 and radius-tool 10.311/11.311 (page 131/134)

1500 kN/m if the tool clamping has the corresponding load

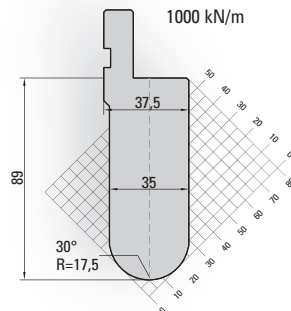
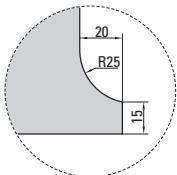


### 11.914 24h

835 mm	P.O.A.	22,0 kg
415 mm	P.O.A.	11,0 kg
835 mm sectionalized	P.O.A.	22,0 kg

Compatible to radius-tool holder 10.115 and radius-tool 10.314/11.314 (page 131/134)

1500 kN/m if the tool clamping has the corresponding load

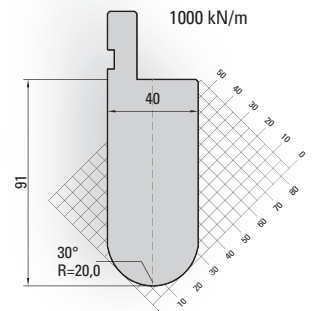
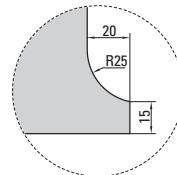


### 11.916 24h

835 mm	P.O.A.	25,0 kg
415 mm	P.O.A.	12,5 kg
835 mm sectionalized	P.O.A.	25,0 kg

Compatible to radius-tool holder 10.115 and radius-tool 10.316/11.316 (page 131/134)

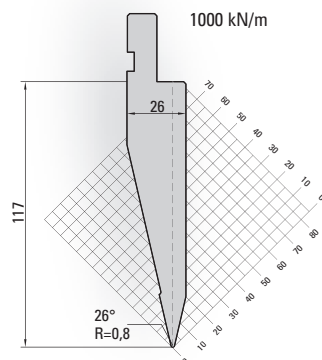
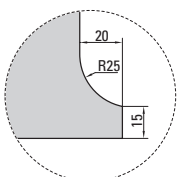
1500 kN/m if the tool clamping has the corresponding load



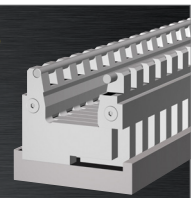
## 26° Punch/top tool

### 11.540 24h

835 mm	P.O.A.	16,5 kg
415 mm	P.O.A.	8,2 kg
835 mm sectionalized	P.O.A.	16,5 kg



### UKB-ADJUSTABLE DIES

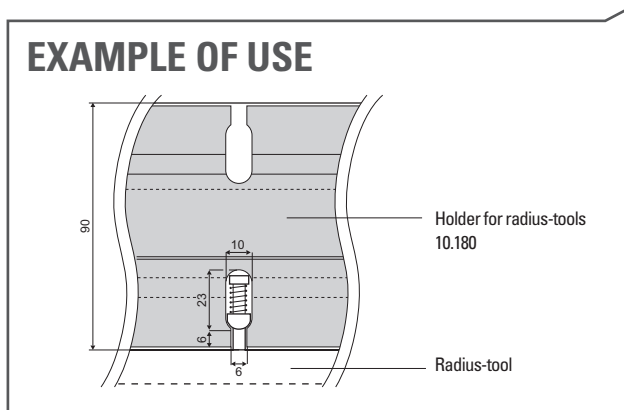


see chapter 10

## Holder for radius-tools and radius-tools R 3,0 – 6,5

### ADVANTAGES

- ▶ Cost-saving: One holder for different radius-tools
- ▶ Easy handling
- ▶ No adjustment necessary
- ▶ High stability
- ▶ Flexible application through changeable radius-tools
- ▶ Sectionalized radius-tools on request

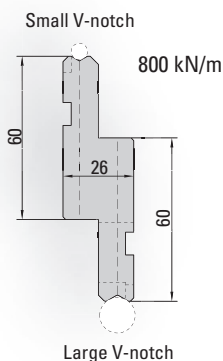


01

### 10.180 24h

830 mm	P.O.A.	9,0 kg
412 mm	P.O.A.	4,5 kg

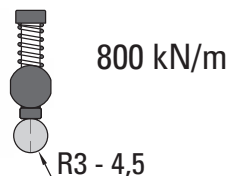
Holder for radius-tools



### R 3,0 – 4,5 24h

R (mm)	Model	835 mm		415 mm	
		Price	Weight	Price	Weight
3,0	10.181	P.O.A.	0,20 kg	P.O.A.	0,10 kg
3,5	10.182	P.O.A.	0,25 kg	P.O.A.	0,12 kg
4,0	10.183	P.O.A.	0,35 kg	P.O.A.	0,17 kg
4,5	10.184	P.O.A.	0,50 kg	P.O.A.	0,25 kg

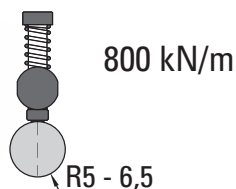
Usable on holder for radius-tools 10.180, small V-notch, radius-tools are not hardened



### R 5,0 – 6,5 24h

R (mm)	Model	835 mm		415 mm	
		Price	Weight	Price	Weight
5,0	10.185	P.O.A.	0,60 kg	P.O.A.	0,30 kg
5,5	10.186	P.O.A.	0,70 kg	P.O.A.	0,35 kg
6,0	10.187	P.O.A.	0,80 kg	P.O.A.	0,40 kg
6,5	10.188	P.O.A.	1,00 kg	P.O.A.	0,50 kg

Usable on holder for radius-tools 10.180, large V-notch, radius-tools are not hardened



**UKB-HOLDERS FOR RADIUS-TOOLS AND RADIUS-TOOLS R 7,0 – 50,0**  
see chapter 07

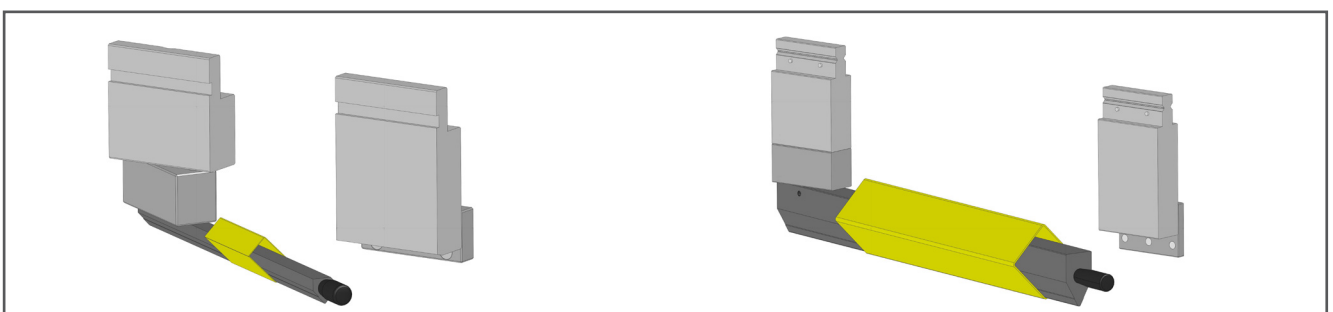
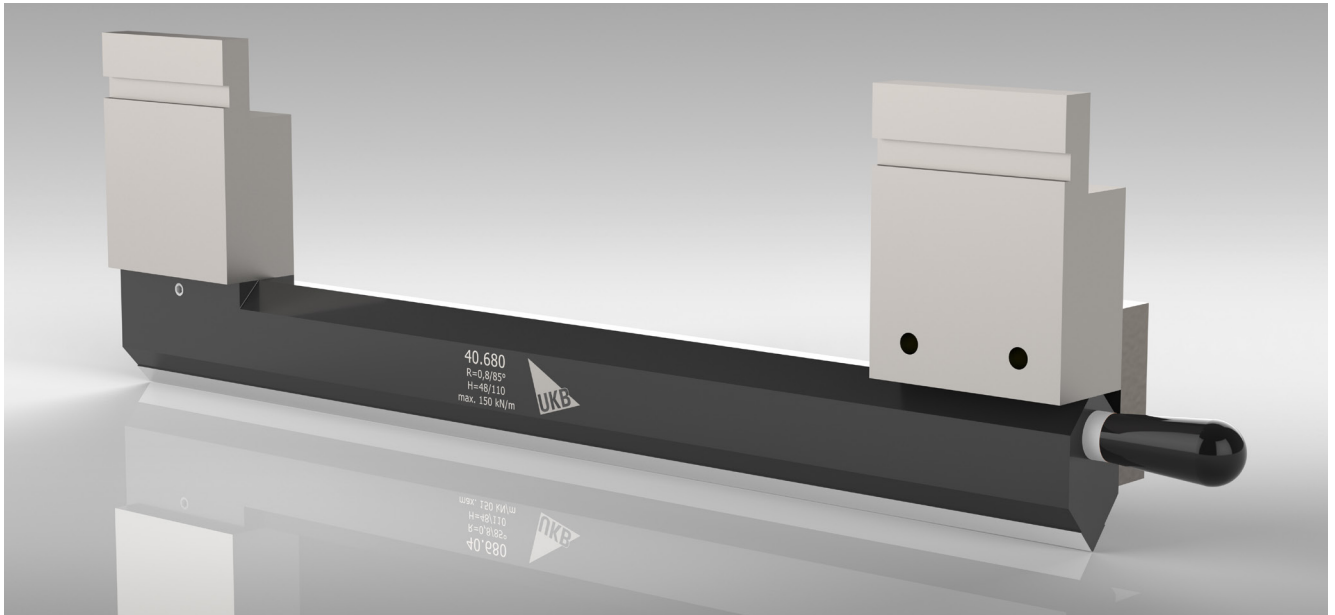
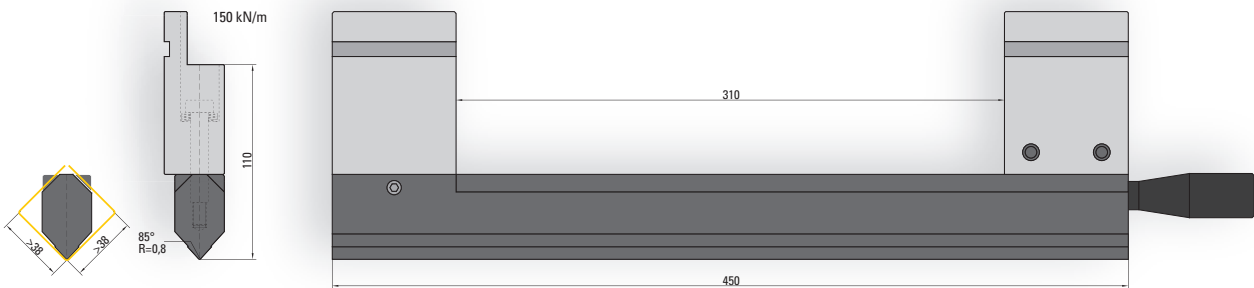
## 85° Window punch/top tool for closed boxes "Rotax®"

### ADVANTAGES

- ▶ Bending of closed profiles
- ▶ High U-profiles
- ▶ Easy removal by opening the pivot arm

**40.680** **24h**

P.O.A. 7,0 kg



Individual production possible

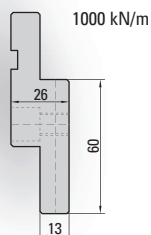


## Punch/top tool distance pieces

**50.959** **24h**

150 mm P.O.A. 1,8 kg

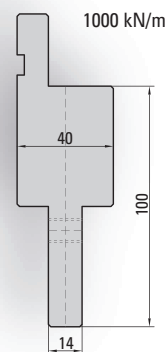
H = 60 mm  
 Heightening of the side flange about 35 mm  
 Needed clamp see page 29



**50.671** **24h**

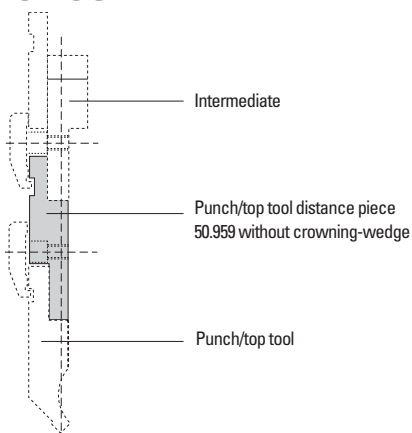
150 mm P.O.A. 3,6 kg

H = 100 mm  
 Heightening of the side flange about 70 mm  
 Needed clamp see page 29



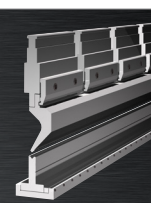
01

### EXAMPLE OF USE



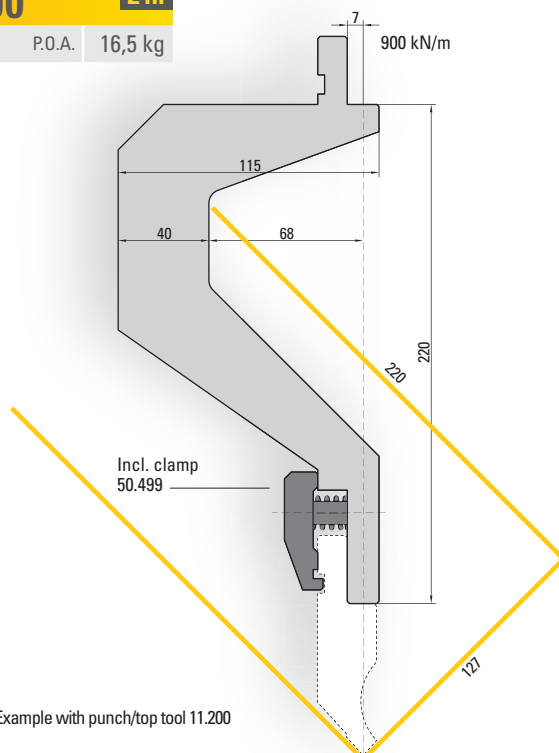
### UKB-ADAPTORS

see chapter 14



**50.500** **24h**

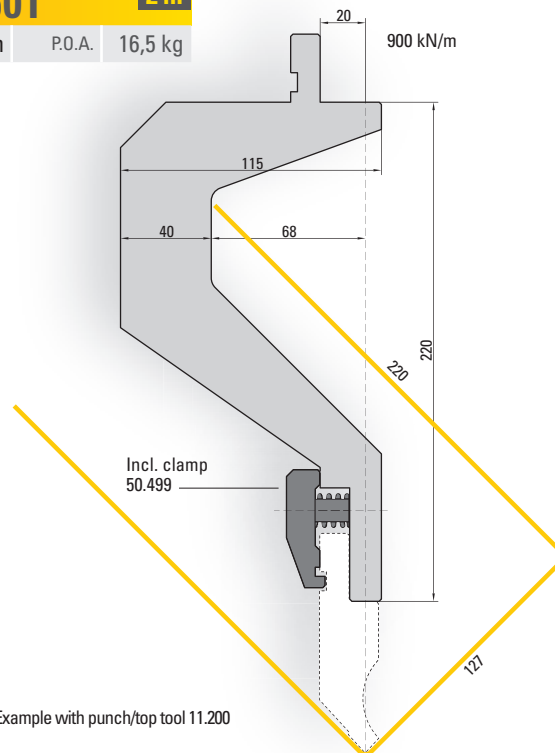
200 mm P.O.A. 16,5 kg



Example with punch/top tool 11.200

**50.501** **24h**

200 mm P.O.A. 16,5 kg



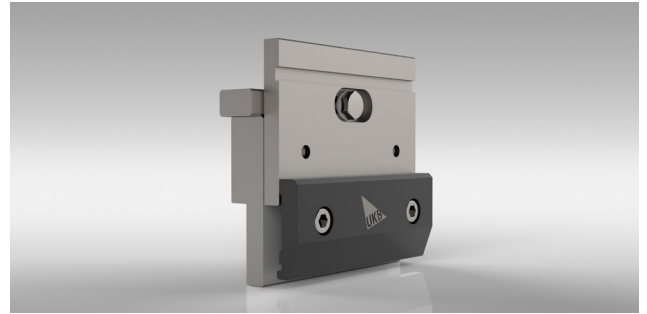
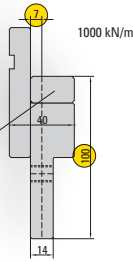
Example with punch/top tool 11.200

## Intermediates L = 150 mm

**50.666** **24h**

150 mm P.O.A. 4,0 kg

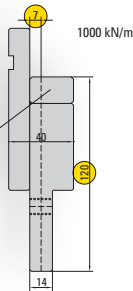
H = 100 mm  
With crowning wedge



**50.668** **24h**

150 mm P.O.A. 4,0 kg

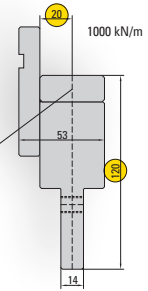
H = 120 mm  
With crowning wedge



**50.667** **24h**

150 mm P.O.A. 5,0 kg

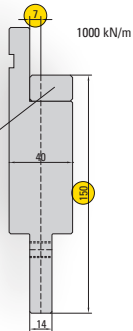
H = 120 mm  
With crowning wedge



**50.512** **24h**

150 mm P.O.A. 6,3 kg

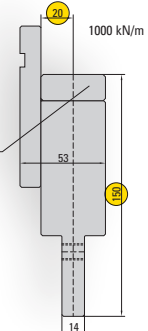
H = 150 mm  
With crowning wedge



**50.669** **24h**

150 mm P.O.A. 6,5 kg

H = 150 mm  
With crowning wedge

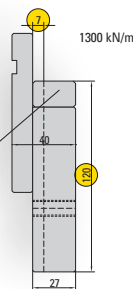


## Intermediates "Heavy Duty" L = 150 mm

**50.674** **24h**

150 mm P.O.A. 4,5 kg

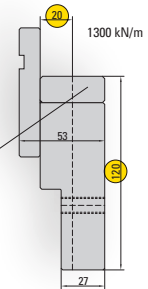
H = 120 mm  
With crowning wedge



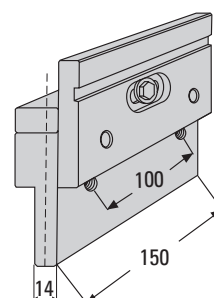
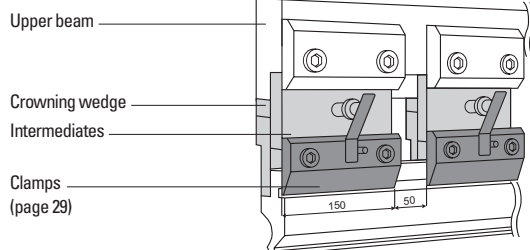
**50.673** **24h**

150 mm P.O.A. 5,5 kg

H = 120 mm  
With crowning wedge



### EXAMPLE OF USE

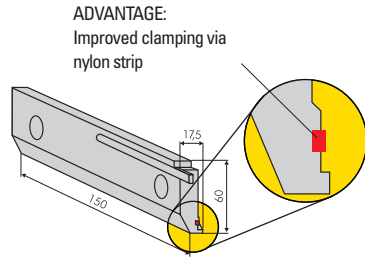


## Clamps L = 150 mm

**50.903** 24h

150 mm P.O.A. 0,7 kg

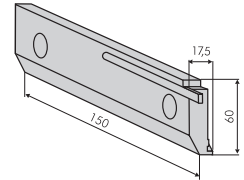
Mechanical fast clamp  
Adjusted by eccentric lever



**50.900** 24h

150 mm P.O.A. 0,7 kg

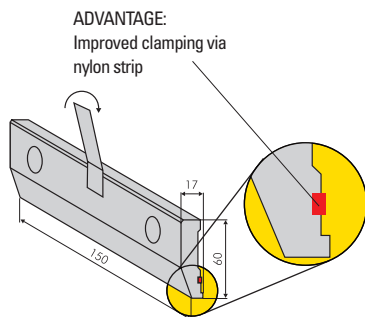
Mechanical fast clamp  
Adjusted by eccentric lever



**50.905** 24h

150 mm P.O.A. 1,0 kg

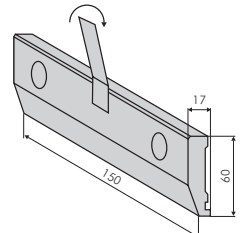
Mechanical fast clamp  
Adjusted by handle



**50.551** 24h

150 mm P.O.A. 1,0 kg

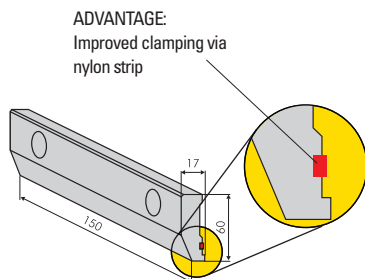
Mechanical fast clamp  
Adjusted by handle



**50.910** 24h

150 mm P.O.A. 0,8 kg

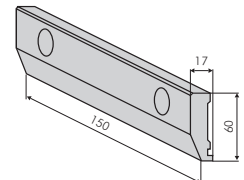
Clamp  
Clamping by screws



**50.571** 24h

150 mm P.O.A. 0,7 kg

Clamp  
Clamping by screws

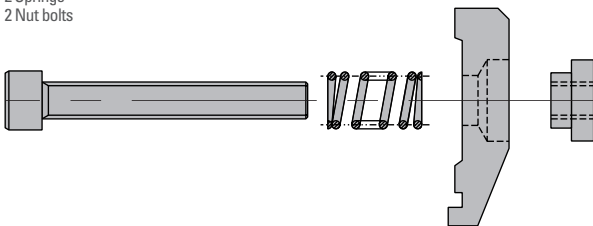


## Clamp L = 150 mm for double-sided clamping

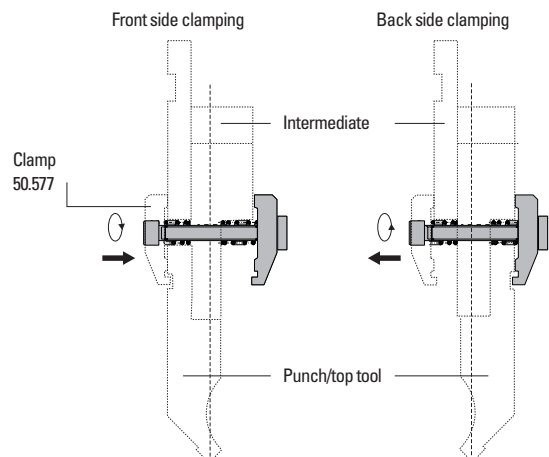
**50.577** 24h

150 mm P.O.A. 1,5 kg

Set consist of:  
Clamp 50.571  
2 Screws  
2 Springs  
2 Nut bolts



### EXAMPLE OF USE

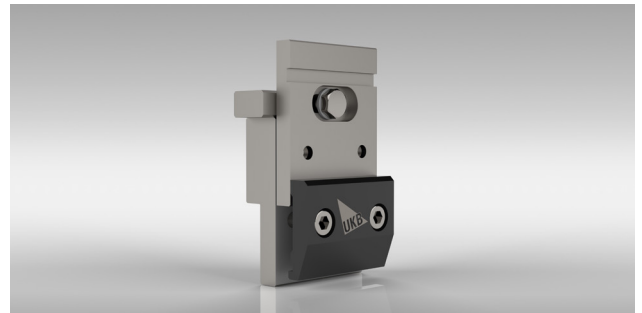
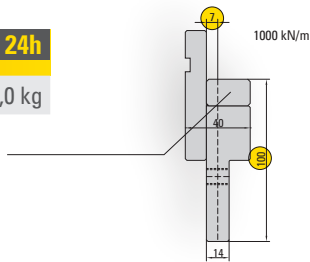


## Intermediates L = 70 mm

**50.705** **24h**

70 mm P.O.A. 2,0 kg

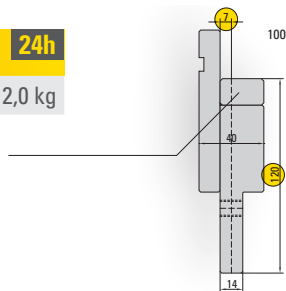
H = 100 mm  
With crowning wedge



**50.706** **24h**

70 mm P.O.A. 2,0 kg

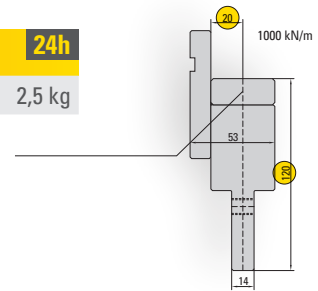
H = 120 mm  
With crowning wedge



**50.707** **24h**

70 mm P.O.A. 2,5 kg

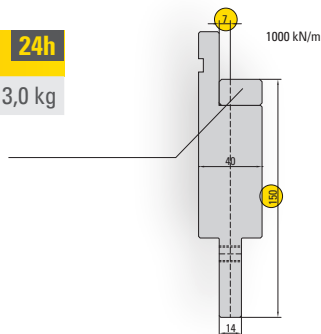
H = 120 mm  
With crowning wedge



**50.708** **24h**

70 mm P.O.A. 3,0 kg

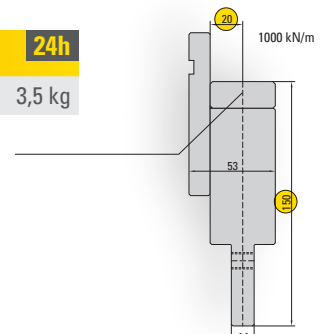
H = 150 mm  
With crowning wedge



**50.710** **24h**

70 mm P.O.A. 3,5 kg

H = 150 mm  
With crowning wedge

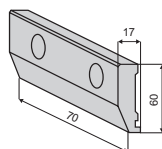


## Clamp L = 70 mm

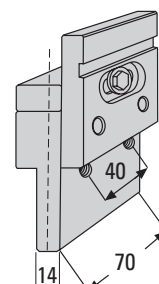
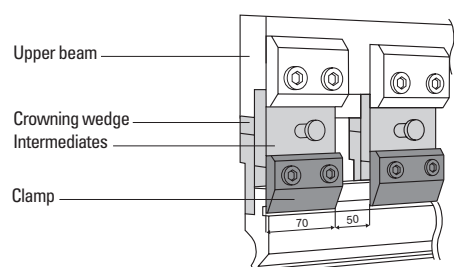
**50.693** **24h**

70 mm P.O.A. 0,4 kg

Clamp  
Clamping by screws



## EXAMPLE OF USE



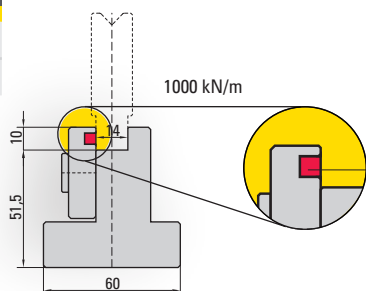


## Die holder for central 1-V dies

### 22.010 24h

835 mm	P.O.A.	16,5 kg
415 mm	P.O.A.	8,2 kg

Die holder incl. clamp with nylon-strip

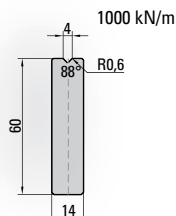


ADVANTAGE:  
Improved clamping  
via nylon strip

## 88° Central 1-V dies

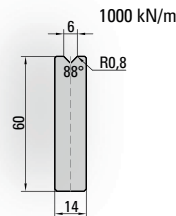
### 22.804 24h

835 mm	P.O.A.	5,5 kg
415 mm	P.O.A.	2,7 kg
835 mm sectionalized	P.O.A.	5,5 kg



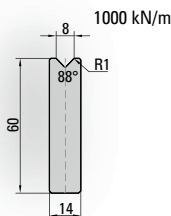
### 22.806 24h

835 mm	P.O.A.	5,4 kg
415 mm	P.O.A.	2,7 kg
835 mm sectionalized	P.O.A.	5,4 kg



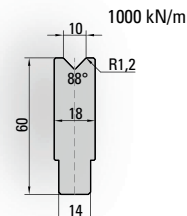
### 22.808 24h

835 mm	P.O.A.	5,4 kg
415 mm	P.O.A.	2,7 kg
835 mm sectionalized	P.O.A.	5,4 kg



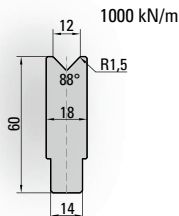
### 22.810 24h

835 mm	P.O.A.	6,5 kg
415 mm	P.O.A.	3,2 kg
835 mm sectionalized	P.O.A.	6,5 kg



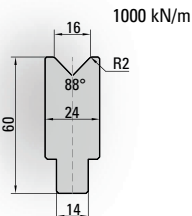
### 22.812 24h

835 mm	P.O.A.	6,4 kg
415 mm	P.O.A.	3,2 kg
835 mm sectionalized	P.O.A.	6,4 kg



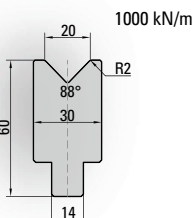
### 22.816 24h

835 mm	P.O.A.	8,0 kg
415 mm	P.O.A.	4,0 kg
835 mm sectionalized	P.O.A.	8,0 kg



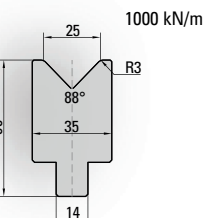
### 22.820 24h

835 mm	P.O.A.	9,5 kg
415 mm	P.O.A.	4,7 kg
835 mm sectionalized	P.O.A.	9,5 kg



### 22.825 24h

835 mm	P.O.A.	10,6 kg
415 mm	P.O.A.	5,3 kg
835 mm sectionalized	P.O.A.	10,6 kg



## 30° Central 1-V dies

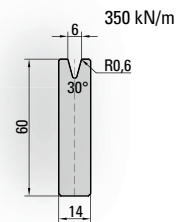


### LPT-INFO

60° Central 1-V dies see  
[www.lptooling.co.uk](http://www.lptooling.co.uk)

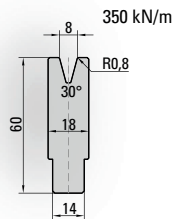
#### 22.306 24h

835 mm	P.O.A.	5,3 kg
415 mm	P.O.A.	2,6 kg
835 mm sectionalized	P.O.A.	5,3 kg



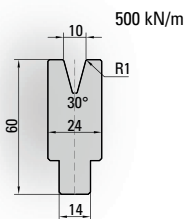
#### 22.308 24h

835 mm	P.O.A.	6,3 kg
415 mm	P.O.A.	3,1 kg
835 mm sectionalized	P.O.A.	6,3 kg



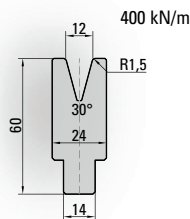
#### 22.310 24h

835 mm	P.O.A.	7,8 kg
415 mm	P.O.A.	3,9 kg
835 mm sectionalized	P.O.A.	7,8 kg



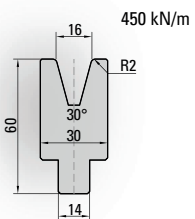
#### 22.312 24h

835 mm	P.O.A.	7,6 kg
415 mm	P.O.A.	3,8 kg
835 mm sectionalized	P.O.A.	7,6 kg



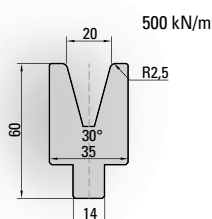
#### 22.316 24h

835 mm	P.O.A.	8,8 kg
415 mm	P.O.A.	4,4 kg
835 mm sectionalized	P.O.A.	8,8 kg



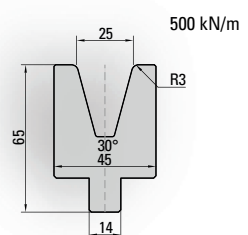
#### 22.320 24h

835 mm	P.O.A.	9,4 kg
415 mm	P.O.A.	4,7 kg
835 mm sectionalized	P.O.A.	9,4 kg



#### 22.325 24h

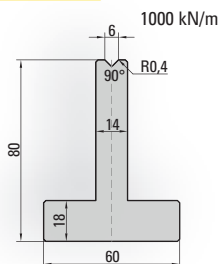
835 mm	P.O.A.	12,7 kg
415 mm	P.O.A.	6,3 kg
835 mm sectionalized	P.O.A.	12,7 kg



## 90° T-dies H = 80 mm

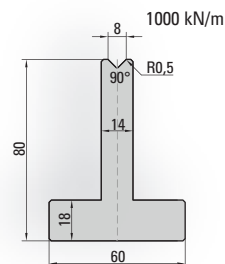
### 20.243 24h

835 mm	P.O.A.	12,6 kg
415 mm	P.O.A.	6,3 kg
835 mm sectionalized	P.O.A.	12,6 kg



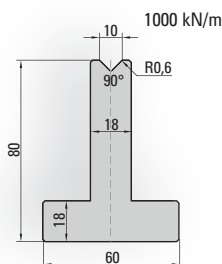
### 20.258 24h

835 mm	P.O.A.	12,6 kg
415 mm	P.O.A.	6,3 kg
835 mm sectionalized	P.O.A.	12,6 kg



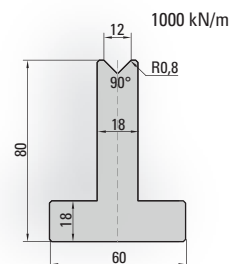
### 20.244 24h

835 mm	P.O.A.	14,2 kg
415 mm	P.O.A.	7,1 kg
835 mm sectionalized	P.O.A.	14,2 kg



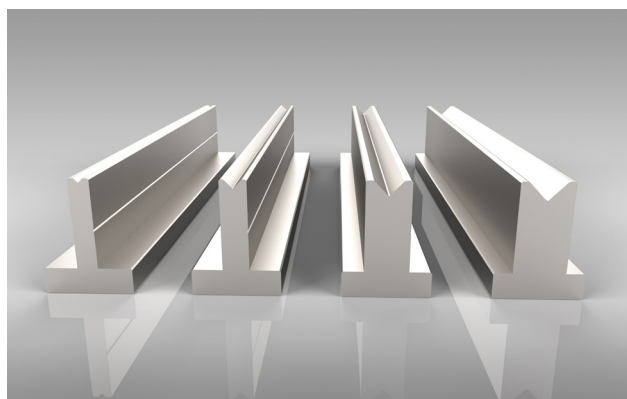
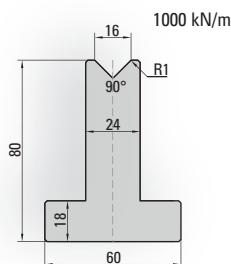
### 20.245 24h

835 mm	P.O.A.	15,0 kg
415 mm	P.O.A.	7,5 kg
835 mm sectionalized	P.O.A.	15,0 kg



### 20.246 24h

835 mm	P.O.A.	17,5 kg
415 mm	P.O.A.	8,7 kg
835 mm sectionalized	P.O.A.	17,5 kg



## WWW.LPTOOLING.CO.UK

LPT-Catalogue > View and download pdf version

Tool dxf's > Download tool profile dxf's

Innovations > Always the latest news

Product information > All UKB-Products at a glance

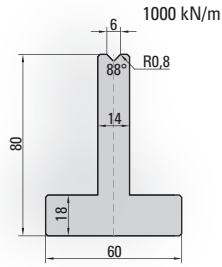
Downloads > Information for you

Video-channel > A closer look into the company and interesting product videos

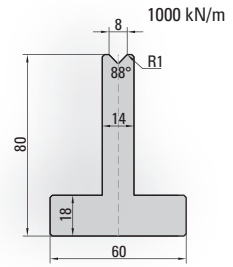


## 88° T-dies H = 80 mm

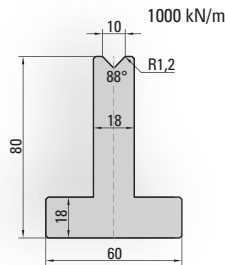
<b>20.806</b>		<b>24h</b>
835 mm	P.O.A.	12,6 kg
415 mm	P.O.A.	6,3 kg
835 mm sectionalized	P.O.A.	12,6 kg



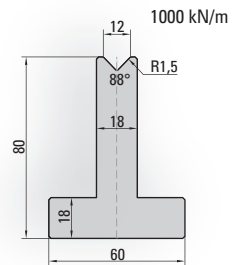
<b>20.808</b>		<b>24h</b>
835 mm	P.O.A.	12,6 kg
415 mm	P.O.A.	6,3 kg
835 mm sectionalized	P.O.A.	12,6 kg



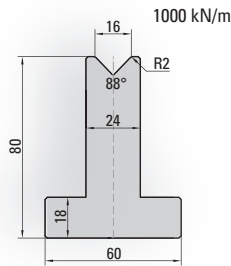
<b>20.810</b>		<b>24h</b>
835 mm	P.O.A.	14,2 kg
415 mm	P.O.A.	7,1 kg
835 mm sectionalized	P.O.A.	14,2 kg



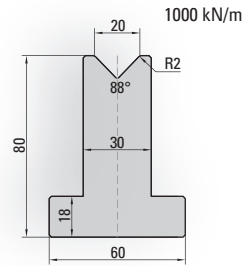
<b>20.371</b>		<b>24h</b>
835 mm	P.O.A.	14,1 kg
415 mm	P.O.A.	7,0 kg
835 mm sectionalized	P.O.A.	14,1 kg



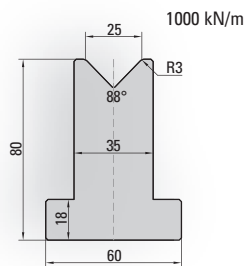
<b>20.327</b>		<b>24h</b>
835 mm	P.O.A.	16,4 kg
415 mm	P.O.A.	8,2 kg
835 mm sectionalized	P.O.A.	16,4 kg



<b>20.310</b>		<b>24h</b>
835 mm	P.O.A.	18,6 kg
415 mm	P.O.A.	9,3 kg
835 mm sectionalized	P.O.A.	18,6 kg



<b>20.309</b>		<b>24h</b>
835 mm	P.O.A.	20,2 kg
415 mm	P.O.A.	10,1 kg
835 mm sectionalized	P.O.A.	20,2 kg



### UKB-PRESS BRAKE TOOL CABINETS



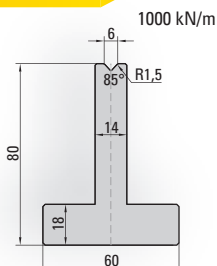
see chapter 15



## 85° T-dies H = 80 mm

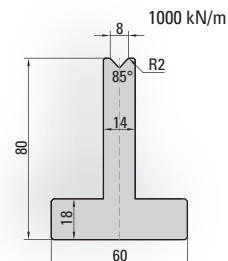
### 20.506 24h

835 mm	P.O.A.	12,6 kg
415 mm	P.O.A.	6,3 kg
835 mm sectionalized	P.O.A.	12,6 kg



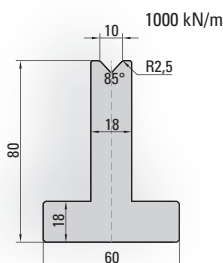
### 20.508 24h

835 mm	P.O.A.	12,6 kg
415 mm	P.O.A.	6,3 kg
835 mm sectionalized	P.O.A.	12,6 kg



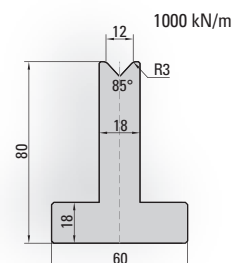
### 20.510 24h

835 mm	P.O.A.	14,2 kg
415 mm	P.O.A.	7,1 kg
835 mm sectionalized	P.O.A.	14,2 kg



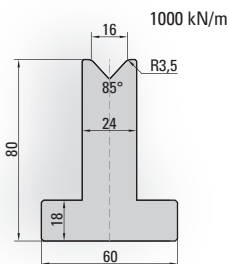
### 20.512 24h

835 mm	P.O.A.	14,1 kg
415 mm	P.O.A.	7,0 kg
835 mm sectionalized	P.O.A.	14,1 kg



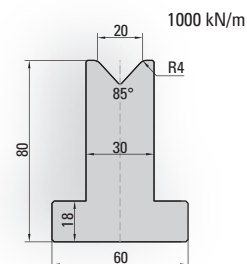
### 20.516 24h

835 mm	P.O.A.	16,4 kg
415 mm	P.O.A.	8,2 kg
835 mm sectionalized	P.O.A.	16,4 kg



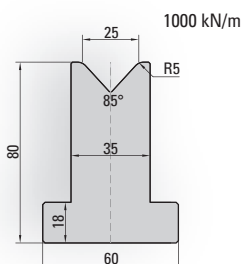
### 20.520 24h

835 mm	P.O.A.	18,6 kg
415 mm	P.O.A.	9,3 kg
835 mm sectionalized	P.O.A.	18,6 kg

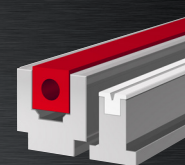


### 20.525 24h

835 mm	P.O.A.	20,2 kg
415 mm	P.O.A.	10,1 kg
835 mm sectionalized	P.O.A.	20,2 kg



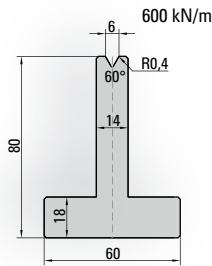
**UKB-MARK FREE  
AND MARK REDUCED  
BENDING**



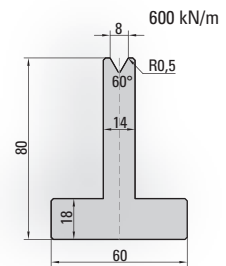
see chapter 13

## 60° T-dies H = 80 mm

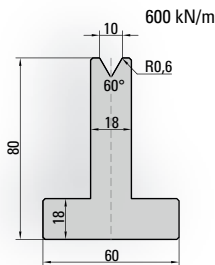
<b>20.297</b>	<b>24h</b>		
835 mm	P.O.A.	13,0 kg	
415 mm	P.O.A.	6,5 kg	
835 mm sectionalized	P.O.A.	13,0 kg	



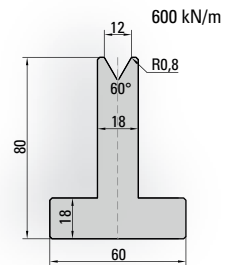
<b>20.298</b>	<b>24h</b>		
835 mm	P.O.A.	13,0 kg	
415 mm	P.O.A.	6,5 kg	
835 mm sectionalized	P.O.A.	13,0 kg	



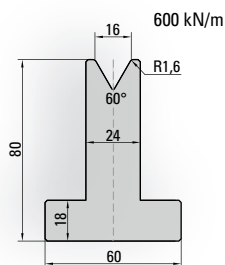
<b>20.299</b>	<b>24h</b>		
835 mm	P.O.A.	15,0 kg	
415 mm	P.O.A.	7,5 kg	
835 mm sectionalized	P.O.A.	15,0 kg	



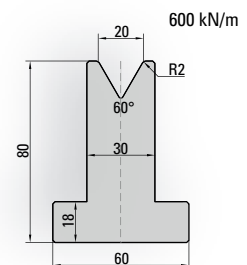
<b>20.300</b>	<b>24h</b>		
835 mm	P.O.A.	15,0 kg	
415 mm	P.O.A.	7,5 kg	
835 mm sectionalized	P.O.A.	15,0 kg	



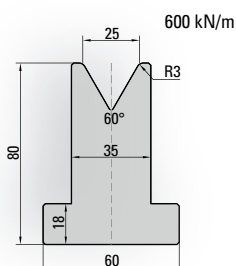
<b>20.301</b>	<b>24h</b>		
835 mm	P.O.A.	17,5 kg	
415 mm	P.O.A.	8,7 kg	
835 mm sectionalized	P.O.A.	17,5 kg	



<b>20.308</b>	<b>24h</b>		
835 mm	P.O.A.	18,1 kg	
415 mm	P.O.A.	9,0 kg	
835 mm sectionalized	P.O.A.	18,1 kg	



<b>20.311</b>	<b>24h</b>		
835 mm	P.O.A.	19,5 kg	
415 mm	P.O.A.	9,7 kg	
835 mm sectionalized	P.O.A.	19,5 kg	



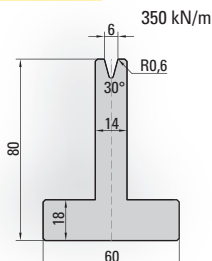
**UKB-PROTECTIVE FILM**

see chapter 12

## 30° T-dies H = 80 mm

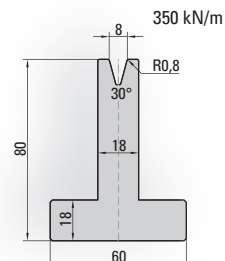
### 20.317 24h

835 mm	P.O.A.	12,5 kg
415 mm	P.O.A.	6,2 kg
835 mm sectionalized	P.O.A.	12,5 kg



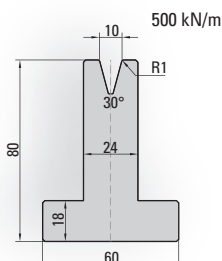
### 20.318 24h

835 mm	P.O.A.	14,0 kg
415 mm	P.O.A.	7,0 kg
835 mm sectionalized	P.O.A.	14,0 kg



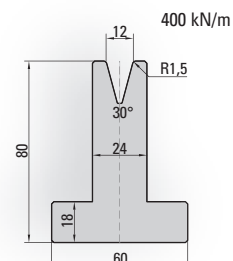
### 20.319 24h

835 mm	P.O.A.	16,2 kg
415 mm	P.O.A.	8,1 kg
835 mm sectionalized	P.O.A.	16,2 kg



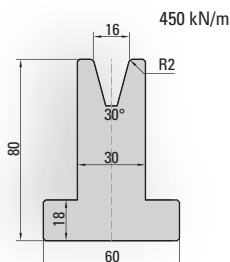
### 20.320 24h

835 mm	P.O.A.	15,9 kg
415 mm	P.O.A.	7,9 kg
835 mm sectionalized	P.O.A.	15,9 kg



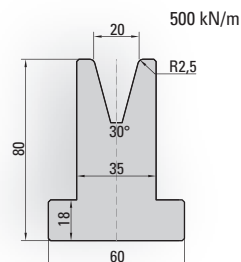
### 20.321 24h

835 mm	P.O.A.	17,8 kg
415 mm	P.O.A.	8,9 kg
835 mm sectionalized	P.O.A.	17,8 kg



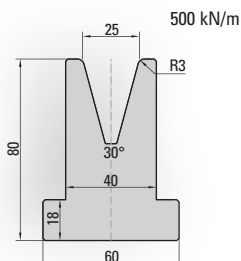
### 20.322 24h

835 mm	P.O.A.	19,0 kg
415 mm	P.O.A.	9,5 kg
835 mm sectionalized	P.O.A.	19,0 kg



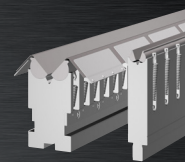
### 20.323 24h

835 mm	P.O.A.	19,6 kg
415 mm	P.O.A.	9,8 kg
835 mm sectionalized	P.O.A.	19,6 kg



## UKB-UNIBEND AND UKB-WINGBEND PLUS

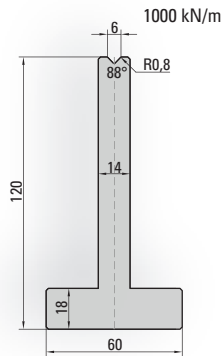
see chapter 09



## 88° T-dies H = 120 mm

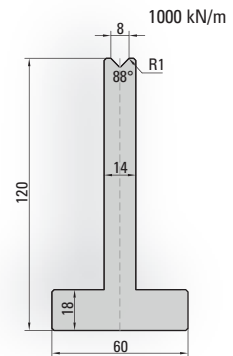
### 21.806 24h

835 mm	P.O.A.	16,5 kg
415 mm	P.O.A.	8,2 kg
835 mm sectionalized	P.O.A.	16,5 kg



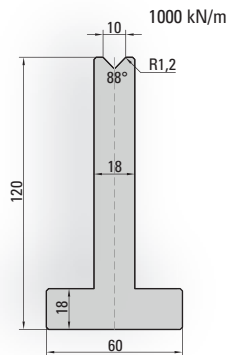
### 21.808 24h

835 mm	P.O.A.	16,5 kg
415 mm	P.O.A.	8,2 kg
835 mm sectionalized	P.O.A.	16,5 kg



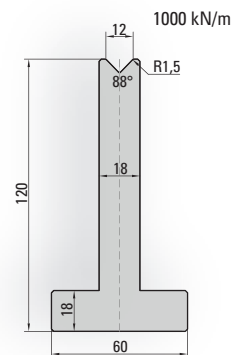
### 21.810 24h

835 mm	P.O.A.	19,0 kg
415 mm	P.O.A.	9,5 kg
835 mm sectionalized	P.O.A.	19,0 kg



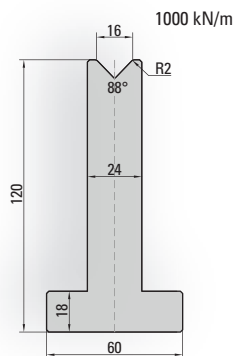
### 20.382 24h

835 mm	P.O.A.	18,8 kg
415 mm	P.O.A.	9,4 kg
835 mm sectionalized	P.O.A.	18,8 kg



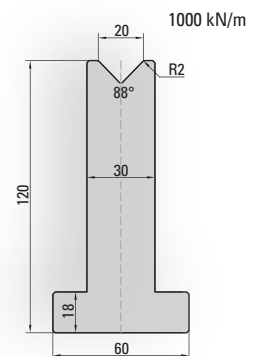
### 20.383 24h

835 mm	P.O.A.	22,7 kg
415 mm	P.O.A.	11,3 kg
835 mm sectionalized	P.O.A.	22,7 kg



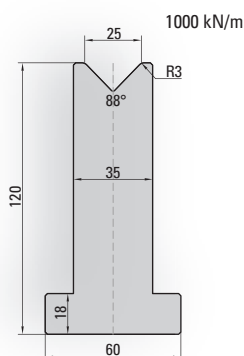
### 20.384 24h

835 mm	P.O.A.	26,4 kg
415 mm	P.O.A.	13,2 kg
835 mm sectionalized	P.O.A.	26,4 kg



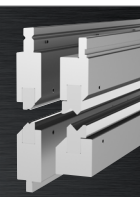
### 20.385 24h

835 mm	P.O.A.	29,4 kg
415 mm	P.O.A.	14,7 kg
835 mm sectionalized	P.O.A.	29,4 kg



## UKB-Z-TOOL HOLDERS AND Z-TOOL INSERTS Z 1,0 – 15,0

see chapter 08

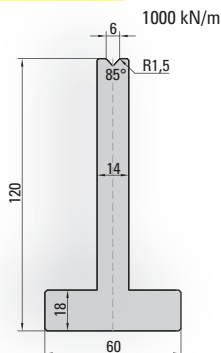




## 85° T-dies H = 120 mm

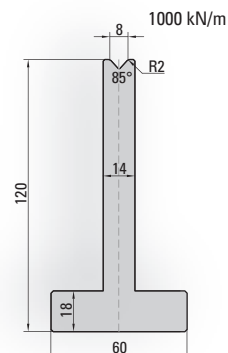
### 21.506 24h

835 mm	P.O.A.	16,5 kg
415 mm	P.O.A.	8,2 kg
835 mm sectionalized	P.O.A.	16,5 kg



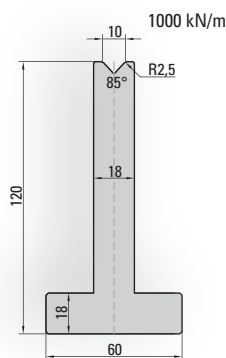
### 21.508 24h

835 mm	P.O.A.	16,5 kg
415 mm	P.O.A.	8,2 kg
835 mm sectionalized	P.O.A.	16,5 kg



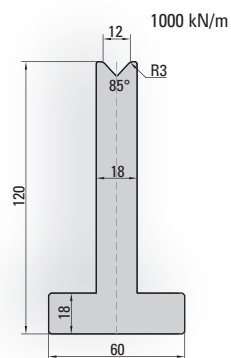
### 21.510 24h

835 mm	P.O.A.	19,0 kg
415 mm	P.O.A.	9,5 kg
835 mm sectionalized	P.O.A.	19,0 kg



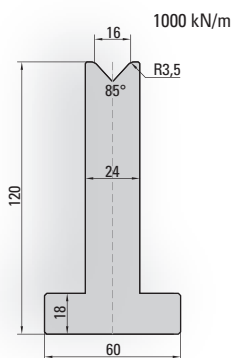
### 21.512 24h

835 mm	P.O.A.	18,8 kg
415 mm	P.O.A.	9,4 kg
835 mm sectionalized	P.O.A.	18,8 kg



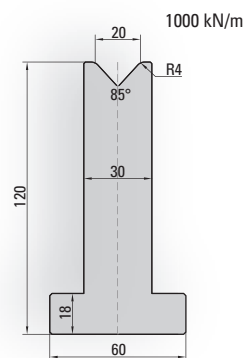
### 21.516 24h

835 mm	P.O.A.	22,7 kg
415 mm	P.O.A.	11,3 kg
835 mm sectionalized	P.O.A.	22,7 kg



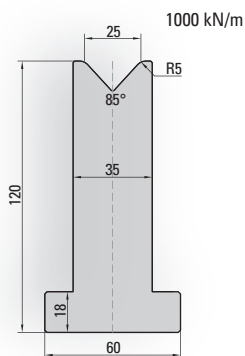
### 21.520 24h

835 mm	P.O.A.	26,4 kg
415 mm	P.O.A.	13,2 kg
835 mm sectionalized	P.O.A.	26,4 kg



### 21.525 24h

835 mm	P.O.A.	29,4 kg
415 mm	P.O.A.	14,7 kg
835 mm sectionalized	P.O.A.	29,4 kg



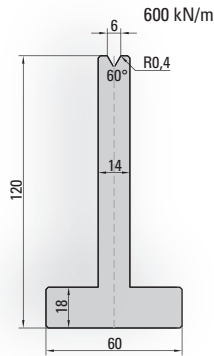
## UKB-ACCESSORIES

see chapter 16

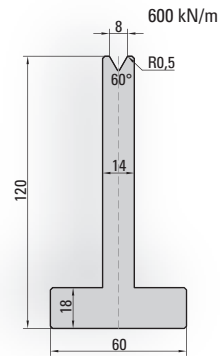


## 60° T-dies H = 120 mm

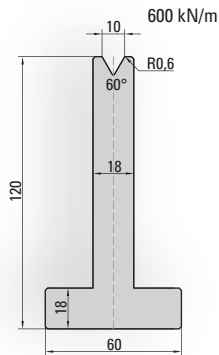
<b>20.386</b>		<b>24h</b>
835 mm	P.O.A.	16,3 kg
415 mm	P.O.A.	8,1 kg
835 mm sectionalized	P.O.A.	16,3 kg



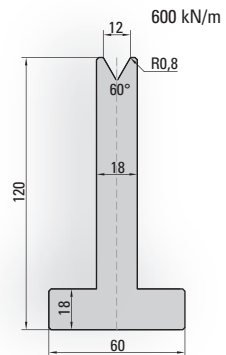
<b>20.387</b>		<b>24h</b>
835 mm	P.O.A.	16,2 kg
415 mm	P.O.A.	8,1 kg
835 mm sectionalized	P.O.A.	16,2 kg



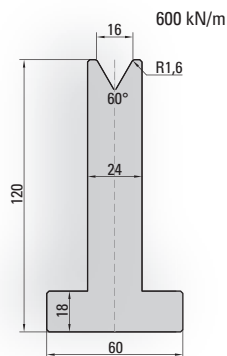
<b>20.388</b>		<b>24h</b>
835 mm	P.O.A.	18,8 kg
415 mm	P.O.A.	9,4 kg
835 mm sectionalized	P.O.A.	18,8 kg



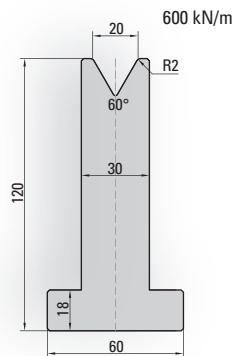
<b>20.389</b>		<b>24h</b>
835 mm	P.O.A.	18,7 kg
415 mm	P.O.A.	9,3 kg
835 mm sectionalized	P.O.A.	18,7 kg



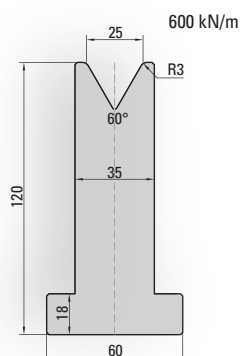
<b>20.390</b>		<b>24h</b>
835 mm	P.O.A.	22,4 kg
415 mm	P.O.A.	11,2 kg
835 mm sectionalized	P.O.A.	22,4 kg



<b>20.391</b>		<b>24h</b>
835 mm	P.O.A.	26,0 kg
415 mm	P.O.A.	13,0 kg
835 mm sectionalized	P.O.A.	26,0 kg



<b>20.392</b>		<b>24h</b>
835 mm	P.O.A.	28,7 kg
415 mm	P.O.A.	14,3 kg
835 mm sectionalized	P.O.A.	28,7 kg



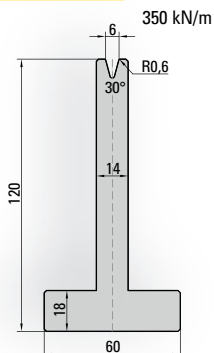
**UKB-PROTECTIVE FILM**

see chapter 12

## 30° T-dies H = 120 mm

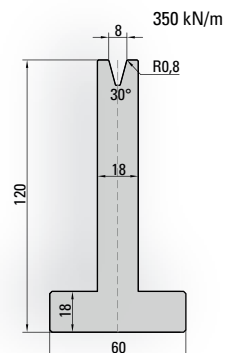
### 20.351 24h

835 mm	P.O.A.	16,2 kg
415 mm	P.O.A.	8,1 kg
835 mm sectionalized	P.O.A.	16,2 kg



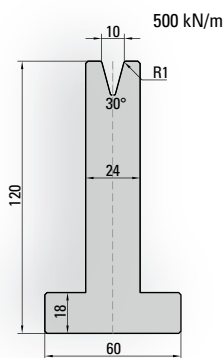
### 20.352 24h

835 mm	P.O.A.	18,7 kg
415 mm	P.O.A.	9,3 kg
835 mm sectionalized	P.O.A.	18,7 kg



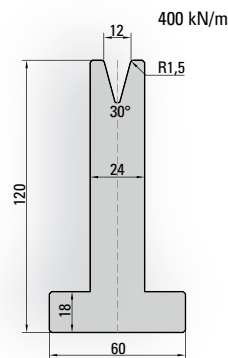
### 20.353 24h

835 mm	P.O.A.	22,5 kg
415 mm	P.O.A.	11,2 kg
835 mm sectionalized	P.O.A.	22,5 kg



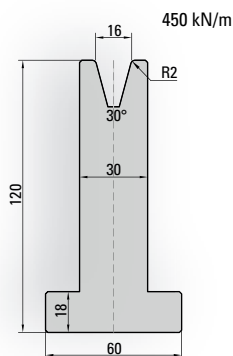
### 20.354 24h

835 mm	P.O.A.	22,2 kg
415 mm	P.O.A.	11,1 kg
835 mm sectionalized	P.O.A.	22,2 kg



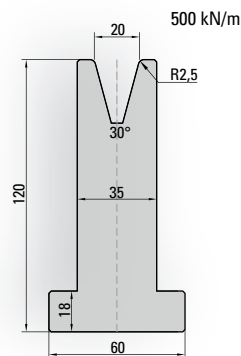
### 20.401 24h

835 mm	P.O.A.	25,7 kg
415 mm	P.O.A.	12,8 kg
835 mm sectionalized	P.O.A.	25,7 kg



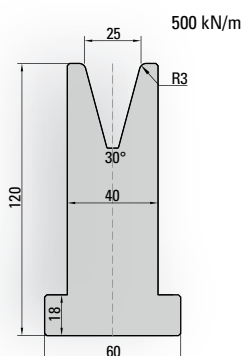
### 20.402 24h

835 mm	P.O.A.	28,0 kg
415 mm	P.O.A.	14,0 kg
835 mm sectionalized	P.O.A.	28,0 kg



### 20.403 24h

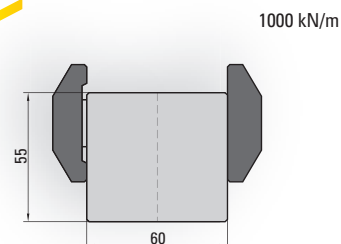
835 mm	P.O.A.	30,0 kg
415 mm	P.O.A.	15,0 kg
835 mm sectionalized	P.O.A.	30,0 kg



## Die heightening

### 60.919 24h

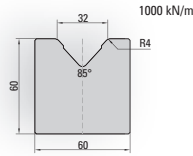
835 mm	P.O.A.	29,0 kg
415 mm	P.O.A.	14,5 kg



## 85° 1-V dies

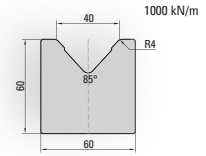
### 20.210 24h

835 mm	P.O.A.	22,0 kg
415 mm	P.O.A.	11,0 kg
835 mm sectionalized	P.O.A.	22,0 kg



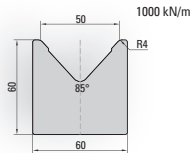
### 20.211 24h

835 mm	P.O.A.	21,0 kg
415 mm	P.O.A.	10,5 kg
835 mm sectionalized	P.O.A.	21,0 kg



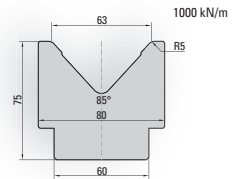
### 20.212 24h

835 mm	P.O.A.	19,0 kg
415 mm	P.O.A.	9,5 kg
835 mm sectionalized	P.O.A.	19,0 kg



### 20.213 24h

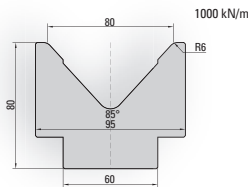
835 mm	P.O.A.	29,0 kg
415 mm	P.O.A.	14,5 kg
835 mm sectionalized	P.O.A.	29,0 kg



1200 kN/m if the tool clamping has the corresponding load

### 20.214 24h

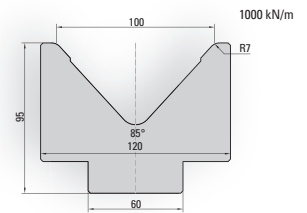
835 mm	P.O.A.	33,2 kg
415 mm	P.O.A.	16,6 kg
835 mm sectionalized	P.O.A.	33,2 kg



1200 kN/m if the tool clamping has the corresponding load

### 20.215 24h

835 mm	P.O.A.	50,0 kg
415 mm	P.O.A.	25,0 kg
835 mm sectionalized	P.O.A.	50,0 kg

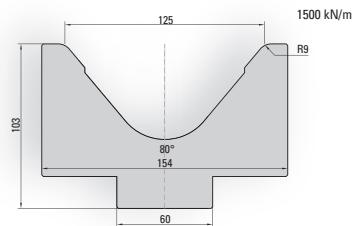


1500 kN/m if the tool clamping has the corresponding load

## 80° 1-V dies

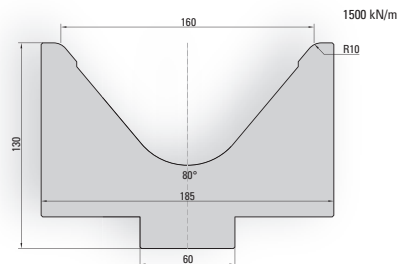
### 21.125 24h

415 mm	P.O.A.	31,0 kg
200 mm	P.O.A.	15,0 kg



### 21.160 24h

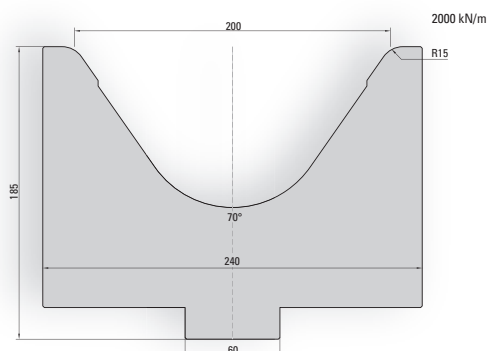
415 mm	P.O.A.	46,5 kg
200 mm	P.O.A.	22,4 kg



## 70° 1-V die

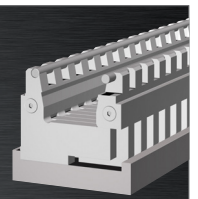
### 21.200 24h

415 mm	P.O.A.	88,0 kg
200 mm	P.O.A.	42,5 kg



### UKB-ADJUSTABLE DIES

see chapter 10



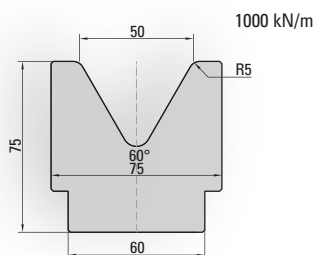


## 60° 1-V dies

### 20.650 24h

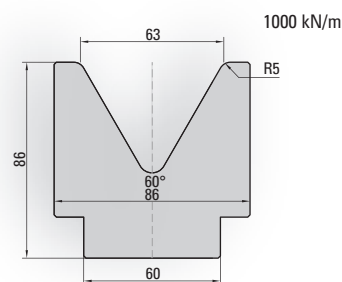
835 mm	P.O.A.	27,5 kg
415 mm	P.O.A.	13,7 kg
835 mm sectionalized	P.O.A.	27,5 kg

1200 kN/m if the tool clamping has the corresponding load



### 20.370 24h

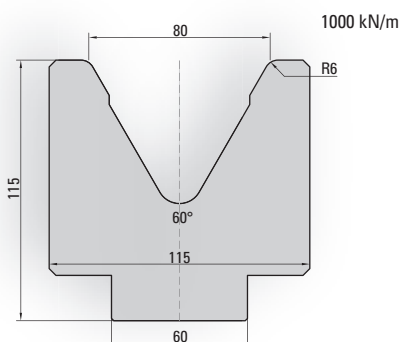
835 mm	P.O.A.	34,3 kg
415 mm	P.O.A.	17,1 kg
835 mm sectionalized	P.O.A.	34,3 kg



### 20.680 24h

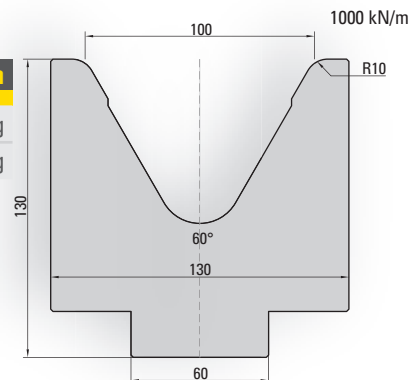
835 mm	P.O.A.	60,0 kg
415 mm	P.O.A.	30,0 kg
835 mm sectionalized	P.O.A.	60,0 kg

1200 kN/m if the tool clamping has the corresponding load



### 20.610 24h

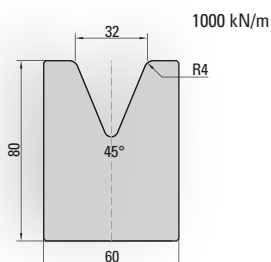
415 mm	P.O.A.	37,0 kg
835 mm sectionalized	P.O.A.	74,0 kg



## 45° 1-V dies

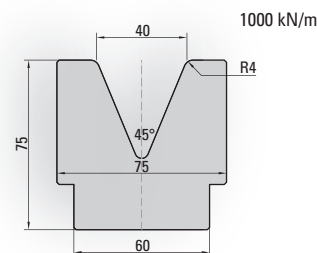
### 20.484 24h

835 mm	P.O.A.	27,5 kg
415 mm	P.O.A.	13,7 kg
835 mm sectionalized	P.O.A.	27,5 kg



### 20.440 24h

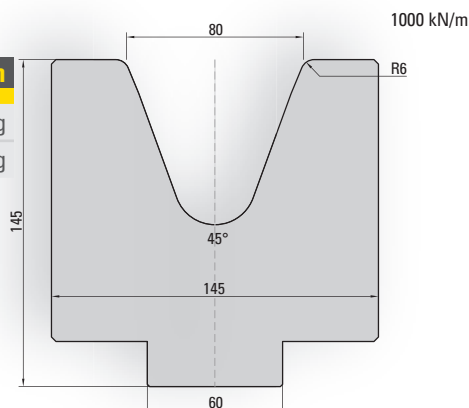
835 mm	P.O.A.	28,5 kg
415 mm	P.O.A.	14,2 kg
835 mm sectionalized	P.O.A.	28,5 kg



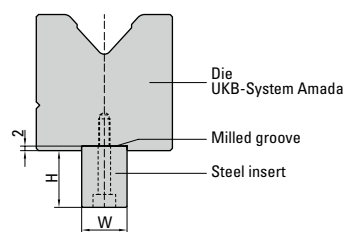
### 20.380 24h

415 mm	P.O.A.	50,0 kg
200 mm	P.O.A.	24,0 kg

1500 kN/m if the tool clamping has the corresponding load



### MODIFICATION DIES UKB-SYSTEM AMADA

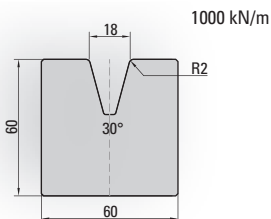


## 30° 1-V dies

### 20.494 24h

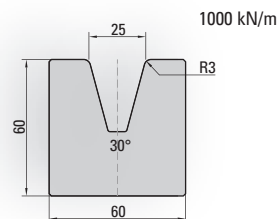
835 mm	P.O.A.	22,0 kg
415 mm	P.O.A.	11,0 kg
835 mm sectionalized	P.O.A.	22,0 kg

1200 kN/m if the tool clamping has the corresponding load



### 20.325 24h

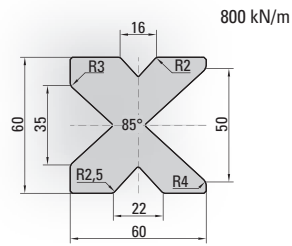
835 mm	P.O.A.	20,1 kg
415 mm	P.O.A.	10,0 kg
835 mm sectionalized	P.O.A.	20,1 kg



## Die blocks

### 21.207 24h

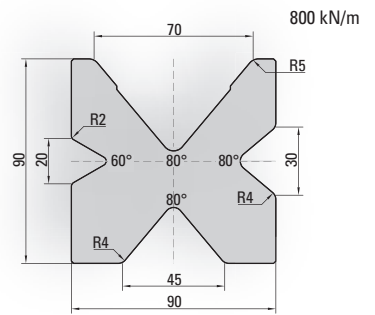
835 mm	P.O.A.	15,5 kg
415 mm	P.O.A.	7,7 kg
835 mm <small>sectionalized</small>	P.O.A.	15,5 kg



800 kN/m

### 28.820 24h

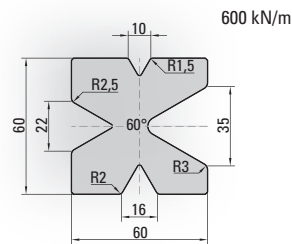
835 mm	P.O.A.	36,0 kg
415 mm	P.O.A.	18,0 kg
835 mm <small>sectionalized</small>	P.O.A.	36,0 kg



800 kN/m

### 20.350 24h

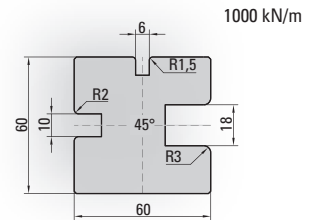
835 mm	P.O.A.	17,8 kg
415 mm	P.O.A.	8,9 kg
835 mm <small>sectionalized</small>	P.O.A.	17,8 kg



600 kN/m

### 21.209 24h

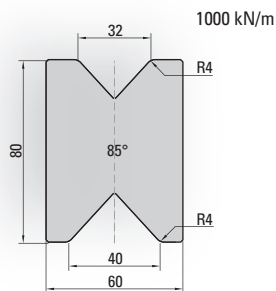
835 mm	P.O.A.	20,0 kg
415 mm	P.O.A.	10,0 kg
835 mm <small>sectionalized</small>	P.O.A.	20,0 kg



1000 kN/m

### 20.820 24h

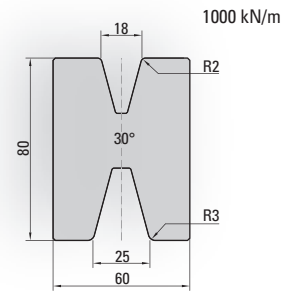
835 mm	P.O.A.	27,0 kg
415 mm	P.O.A.	13,5 kg
835 mm <small>sectionalized</small>	P.O.A.	27,0 kg



1000 kN/m

### 20.830 24h

835 mm	P.O.A.	26,0 kg
415 mm	P.O.A.	13,0 kg
835 mm <small>sectionalized</small>	P.O.A.	26,0 kg



1000 kN/m

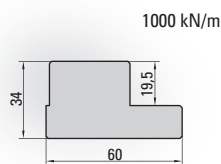
1500 kN/m if the tool clamping has the corresponding load



## Die holders

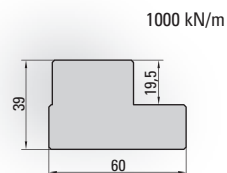
### 20.200 24h

835 mm	P.O.A.	9,3 kg
415 mm	P.O.A.	4,6 kg



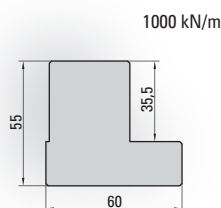
### 20.316 24h

835 mm	P.O.A.	11,5 kg
415 mm	P.O.A.	5,7 kg



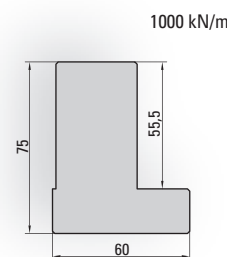
### 20.201 24h

835 mm	P.O.A.	14,2 kg
415 mm	P.O.A.	7,1 kg



### 20.306 24h

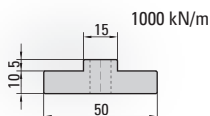
835 mm	P.O.A.	18,9 kg
415 mm	P.O.A.	9,4 kg



## Die holders for central 2-V dies

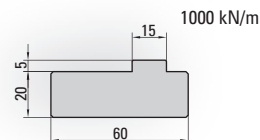
### 20.287 24h

835 mm	P.O.A.	4,0 kg
415 mm	P.O.A.	2,0 kg



### 20.400 24h

835 mm	P.O.A.	8,3 kg
415 mm	P.O.A.	4,1 kg

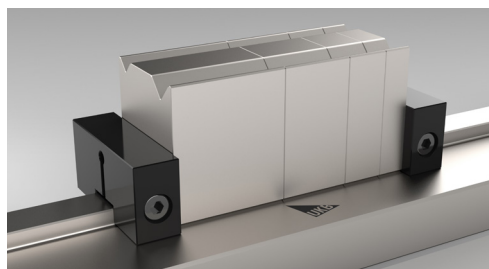
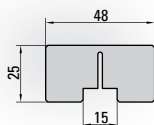


## Clamping piece for central 2-V dies

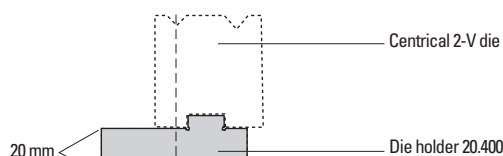
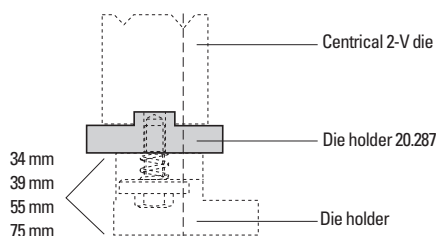
### 20.336 24h

Per piece	P.O.A.	0,2 kg
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Clamping piece to fix small central 2-V dies on the die holder 20.287 and 20.400



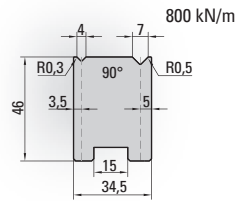
## EXAMPLE OF USE



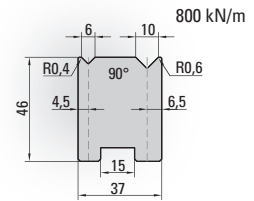
To use on press brakes with lower daylight

## 90° Central 2-V dies

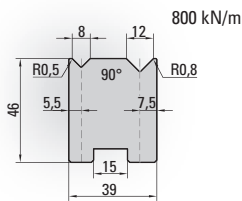
<b>20.275</b>	<b>24h</b>		
835 mm	P.O.A.	9,5 kg	
415 mm	P.O.A.	4,7 kg	
835 mm <small>sectionalized</small>	P.O.A.	9,5 kg	



<b>20.276</b>	<b>24h</b>		
835 mm	P.O.A.	10,0 kg	
415 mm	P.O.A.	5,0 kg	
835 mm <small>sectionalized</small>	P.O.A.	10,0 kg	



<b>20.277</b>	<b>24h</b>		
835 mm	P.O.A.	10,5 kg	
415 mm	P.O.A.	5,2 kg	
835 mm <small>sectionalized</small>	P.O.A.	10,5 kg	

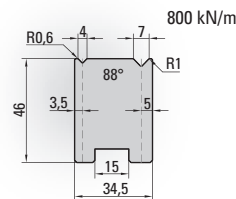


**UKB-UNIBEND AND UKB-WINGBEND PLUS**

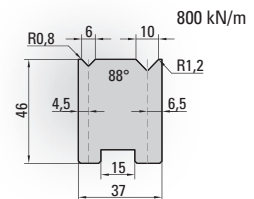
see chapter 09

## 88° Central 2-V dies

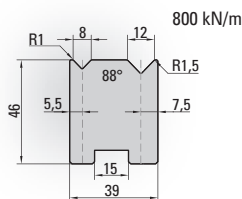
<b>21.275</b>	<b>24h</b>		
835 mm	P.O.A.	9,5 kg	
415 mm	P.O.A.	4,7 kg	
835 mm <small>sectionalized</small>	P.O.A.	9,5 kg	



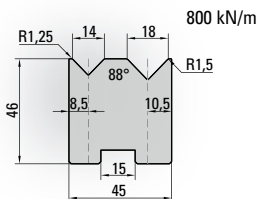
<b>21.276</b>	<b>24h</b>		
835 mm	P.O.A.	10,0 kg	
415 mm	P.O.A.	5,0 kg	
835 mm <small>sectionalized</small>	P.O.A.	10,0 kg	



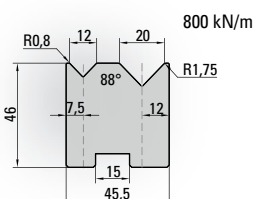
<b>20.339</b>	<b>24h</b>		
835 mm	P.O.A.	10,8 kg	
415 mm	P.O.A.	5,4 kg	
835 mm <small>sectionalized</small>	P.O.A.	10,8 kg	



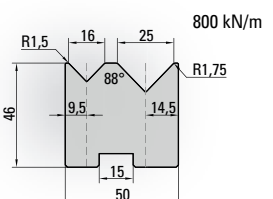
<b>20.278</b>	<b>24h</b>		
835 mm	P.O.A.	12,0 kg	
415 mm	P.O.A.	6,0 kg	
835 mm <small>sectionalized</small>	P.O.A.	12,0 kg	



<b>20.279</b>	<b>24h</b>		
835 mm	P.O.A.	12,0 kg	
415 mm	P.O.A.	6,0 kg	
835 mm <small>sectionalized</small>	P.O.A.	12,0 kg	



<b>20.280</b>	<b>24h</b>		
835 mm	P.O.A.	13,0 kg	
415 mm	P.O.A.	6,5 kg	
835 mm <small>sectionalized</small>	P.O.A.	13,0 kg	

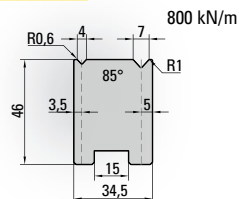




## 85° Central 2-V dies

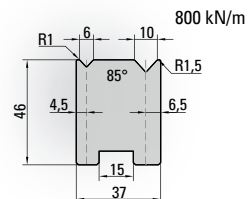
### 20.344 24h

835 mm	P.O.A.	9,5 kg
415 mm	P.O.A.	4,7 kg
835 mm sectionalized	P.O.A.	9,5 kg



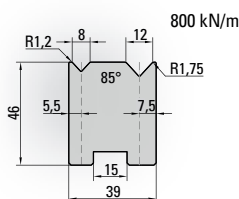
### 20.345 24h

835 mm	P.O.A.	10,0 kg
415 mm	P.O.A.	5,0 kg
835 mm sectionalized	P.O.A.	10,0 kg



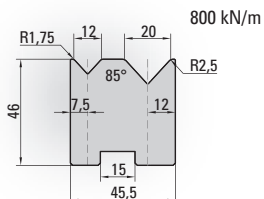
### 20.346 24h

835 mm	P.O.A.	10,5 kg
415 mm	P.O.A.	5,3 kg
835 mm sectionalized	P.O.A.	10,5 kg



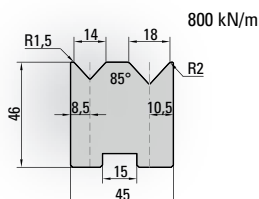
### 20.347 24h

835 mm	P.O.A.	12,0 kg
415 mm	P.O.A.	6,0 kg
835 mm sectionalized	P.O.A.	12,0 kg



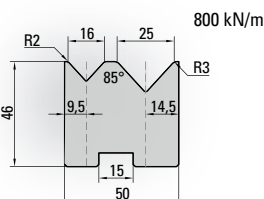
### 20.349 24h

835 mm	P.O.A.	12,0 kg
415 mm	P.O.A.	6,0 kg
835 mm sectionalized	P.O.A.	12,0 kg



### 20.348 24h

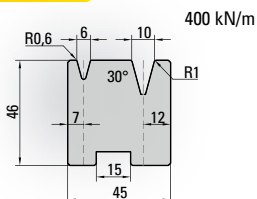
835 mm	P.O.A.	13,0 kg
415 mm	P.O.A.	6,5 kg
835 mm sectionalized	P.O.A.	13,0 kg



## 30° Central 2-V dies

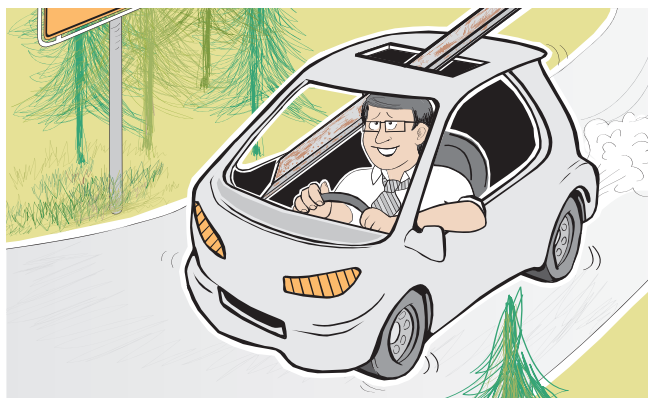
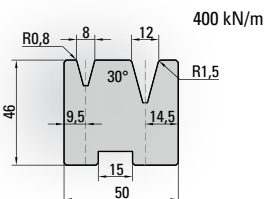
### 20.438 24h

835 mm	P.O.A.	12,5 kg
415 mm	P.O.A.	6,2 kg
835 mm sectionalized	P.O.A.	12,5 kg



### 20.478 24h

835 mm	P.O.A.	13,0 kg
415 mm	P.O.A.	6,5 kg
835 mm sectionalized	P.O.A.	13,0 kg

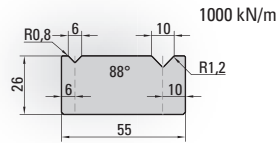


### LPT-FIELD SERVICE

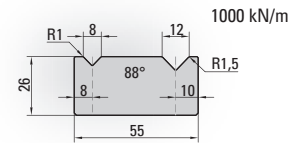
- ▶ Individual advice and sale
- ▶ Technical solutions for special bending tasks
- ▶ Test bending on-site
- ▶ Tool demonstrations
- ▶ Pick up service for tools to rework

## 88° 2-V dies

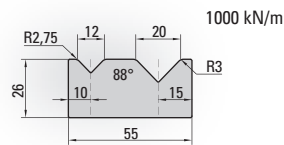
<b>21.202</b>	<b>24h</b>
835 mm	P.O.A. 9,0 kg
415 mm	P.O.A. 4,5 kg



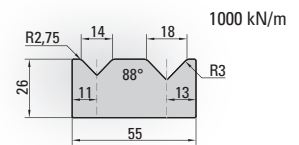
<b>20.338</b>	<b>24h</b>
835 mm	P.O.A. 9,0 kg
415 mm	P.O.A. 4,5 kg



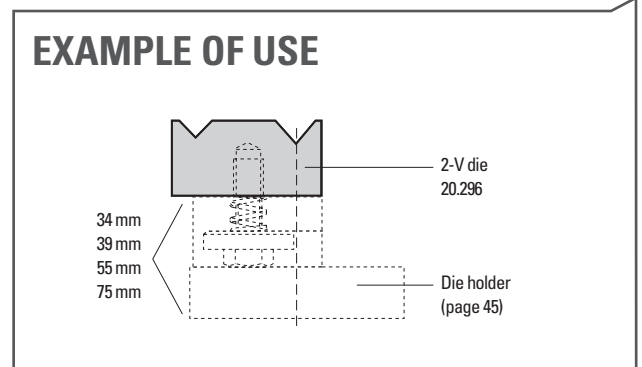
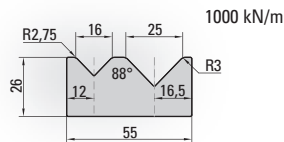
<b>20.204</b>	<b>24h</b>
835 mm	P.O.A. 8,5 kg
415 mm	P.O.A. 4,2 kg



<b>20.296</b>	<b>24h</b>
835 mm	P.O.A. 9,0 kg
415 mm	P.O.A. 4,5 kg

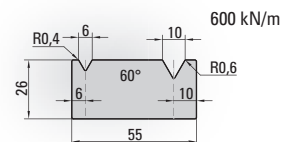


<b>20.205</b>	<b>24h</b>
835 mm	P.O.A. 8,0 kg
415 mm	P.O.A. 4,0 kg

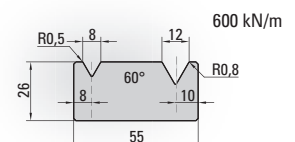


## 60° 2-V dies

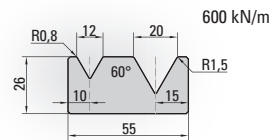
<b>20.235</b>	<b>24h</b>
835 mm	P.O.A. 9,0 kg
415 mm	P.O.A. 4,5 kg



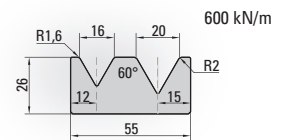
<b>20.229</b>	<b>24h</b>
835 mm	P.O.A. 8,5 kg
415 mm	P.O.A. 4,2 kg



<b>20.230</b>	<b>24h</b>
835 mm	P.O.A. 8,0 kg
415 mm	P.O.A. 4,0 kg

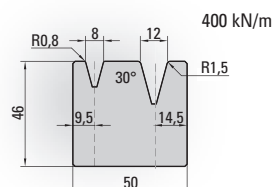


<b>20.267</b>	<b>24h</b>
835 mm	P.O.A. 7,5 kg
415 mm	P.O.A. 3,7 kg



## 30° 2-V die

<b>20.418</b>	<b>24h</b>
835 mm	P.O.A. 13,5 kg
415 mm	P.O.A. 6,7 kg

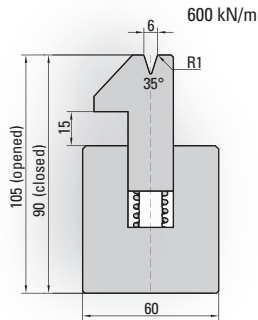


## Spring-loaded flattening dies

### 20.264 24h

835 mm	P.O.A.	30,5 kg
415 mm	P.O.A.	15,2 kg

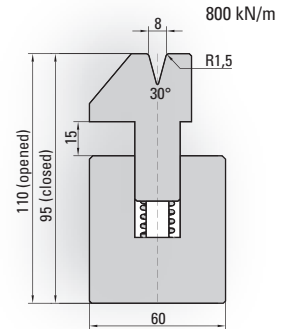
Max. 1,0 mm material thickness  
 $R_m = 400 \text{ N/mm}^2$



### 20.303 24h

835 mm	P.O.A.	33,0 kg
415 mm	P.O.A.	16,5 kg

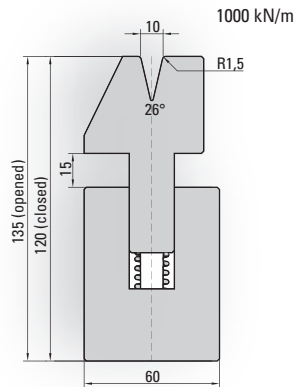
Max. 1,5 mm material thickness  
 $R_m = 400 \text{ N/mm}^2$



### 20.231 24h

835 mm	P.O.A.	41,5 kg
415 mm	P.O.A.	20,7 kg

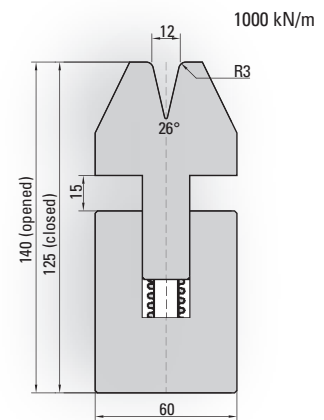
Max. 2,0 mm material thickness  
 $R_m = 400 \text{ N/mm}^2$



### 20.305 24h

835 mm	P.O.A.	43,5 kg
415 mm	P.O.A.	21,7 kg

Max. 3,0 mm material thickness  
 $R_m = 400 \text{ N/mm}^2$



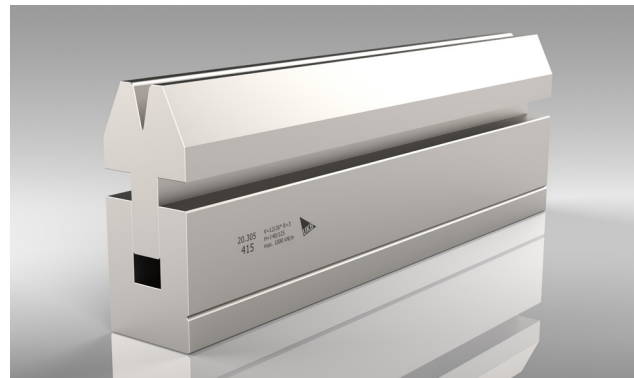
### Table of force for flattening

Material: Mild steel resistance  $R_m = 400 \text{ N/mm}^2$

S (mm)	(t/m)	T (mm)	(t/m)	2S (mm)
0,6	9	3,0	23	1,2
0,8	12	3,0	32	1,6
1,0	15	3,5	40	2,0
1,25	17	3,5	50	2,5
1,5	22	4,6	63	3,0
2,0	30	5,5	80	4,0
2,5	55	6,5	90	5,0
3,0	70	8,0	100	6,0

Material: Stainless steel resistance  $R_m = 700 \text{ N/mm}^2$

S (mm)	(t/m)	T (mm)	(t/m)	2S (mm)
0,6	15	3,0	35	1,2
0,8	20	3,0	50	1,6
1,0	25	3,5	60	2,0
1,25	26	3,5	80	2,5
1,5	38	4,6	95	3,0
2,0	50	5,5	130	4,0



## Pneumatic flattening dies

### ADVANTAGES

- ▶ Faster bending through 15 mm less stroke
- ▶ More precise bending
- ▶ Less attrition
- ▶ Connectable to existing free control-output I/O

### VIDEO

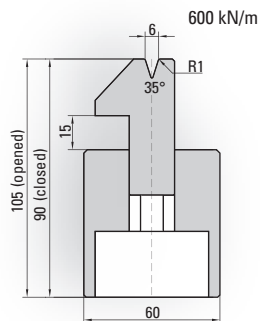
UKB-Flattening tools



#### 21.264

835 mm	P.O.A.	30,5 kg
415 mm	P.O.A.	15,2 kg

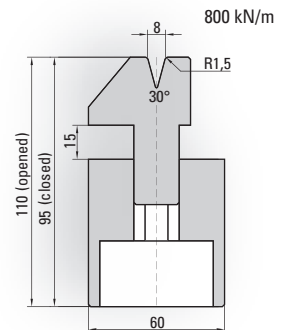
Max. 1,0 mm material thickness  
 $R_m = 400 \text{ N/mm}^2$   
 Delivery time on request



#### 21.303

835 mm	P.O.A.	33,0 kg
415 mm	P.O.A.	16,5 kg

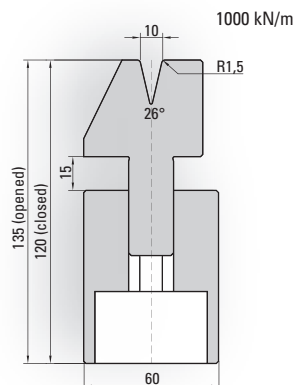
Max. 1,5 mm material thickness  
 $R_m = 400 \text{ N/mm}^2$   
 Delivery time on request



#### 21.231

835 mm	P.O.A.	41,5 kg
415 mm	P.O.A.	20,7 kg

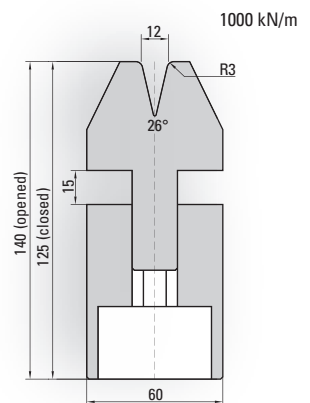
Max. 2,0 mm material thickness  
 $R_m = 400 \text{ N/mm}^2$   
 Delivery time on request



#### 21.305

835 mm	P.O.A.	43,5 kg
415 mm	P.O.A.	21,7 kg

Max. 3,0 mm material thickness  
 $R_m = 400 \text{ N/mm}^2$   
 Delivery time on request



#### 50.720

Per piece	P.O.A.	3,5 kg
-----------	--------	--------

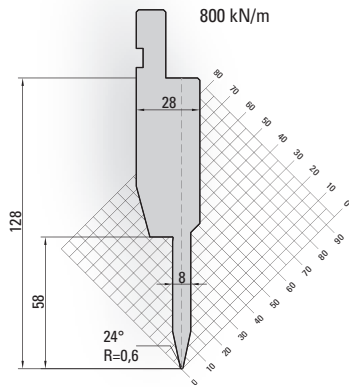
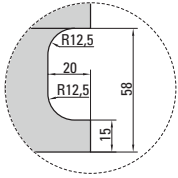
Accessory kit for pneumatic flattening dies consist of pressure-reducing valve and 12/24V electromagnetic valve  
 Delivery time on request



## Flattening punches/top tools and flattening dies

### 11.550 24h

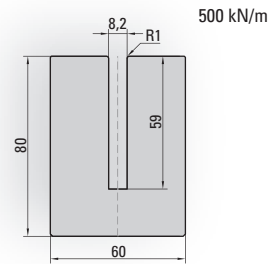
835 mm	P.O.A.	17,5 kg
415 mm	P.O.A.	8,7 kg
835 mm sectionalized	P.O.A.	17,5 kg



### 20.550 24h

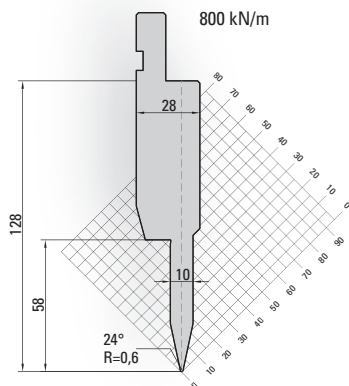
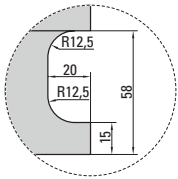
835 mm	P.O.A.	28,5 kg
415 mm	P.O.A.	14,2 kg
835 mm sectionalized	P.O.A.	28,5 kg

Max. 1,2 mm material thickness  
 $R_m = 400 \text{ N/mm}^2$



### 11.554 24h

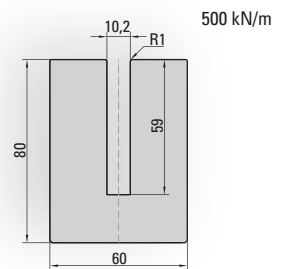
835 mm	P.O.A.	18,2 kg
415 mm	P.O.A.	9,1 kg
835 mm sectionalized	P.O.A.	18,2 kg



### 20.554 24h

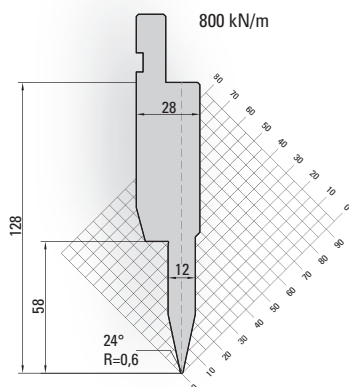
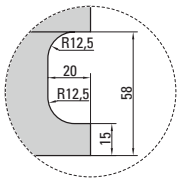
835 mm	P.O.A.	27,6 kg
415 mm	P.O.A.	13,8 kg
835 mm sectionalized	P.O.A.	27,6 kg

Max. 1,8 mm material thickness  
 $R_m = 400 \text{ N/mm}^2$



### 11.560 24h

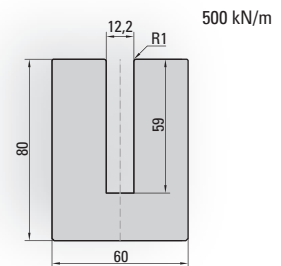
835 mm	P.O.A.	18,6 kg
415 mm	P.O.A.	9,3 kg
835 mm sectionalized	P.O.A.	18,6 kg



### 20.560 24h

835 mm	P.O.A.	26,8 kg
415 mm	P.O.A.	13,4 kg
835 mm sectionalized	P.O.A.	26,8 kg

Max. 2,5 mm material thickness  
 $R_m = 400 \text{ N/mm}^2$



### EXAMPLE OF USE

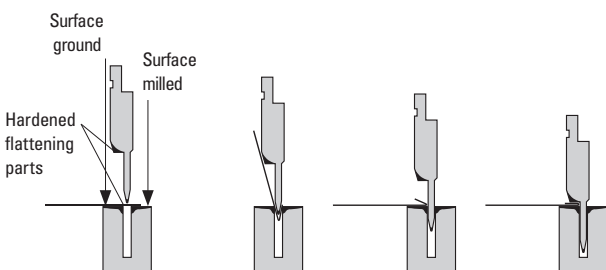
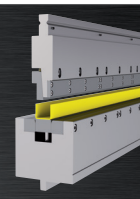


Table of force for flattening see page 49

### UKB-SPECIAL TOOLS

see chapter 11





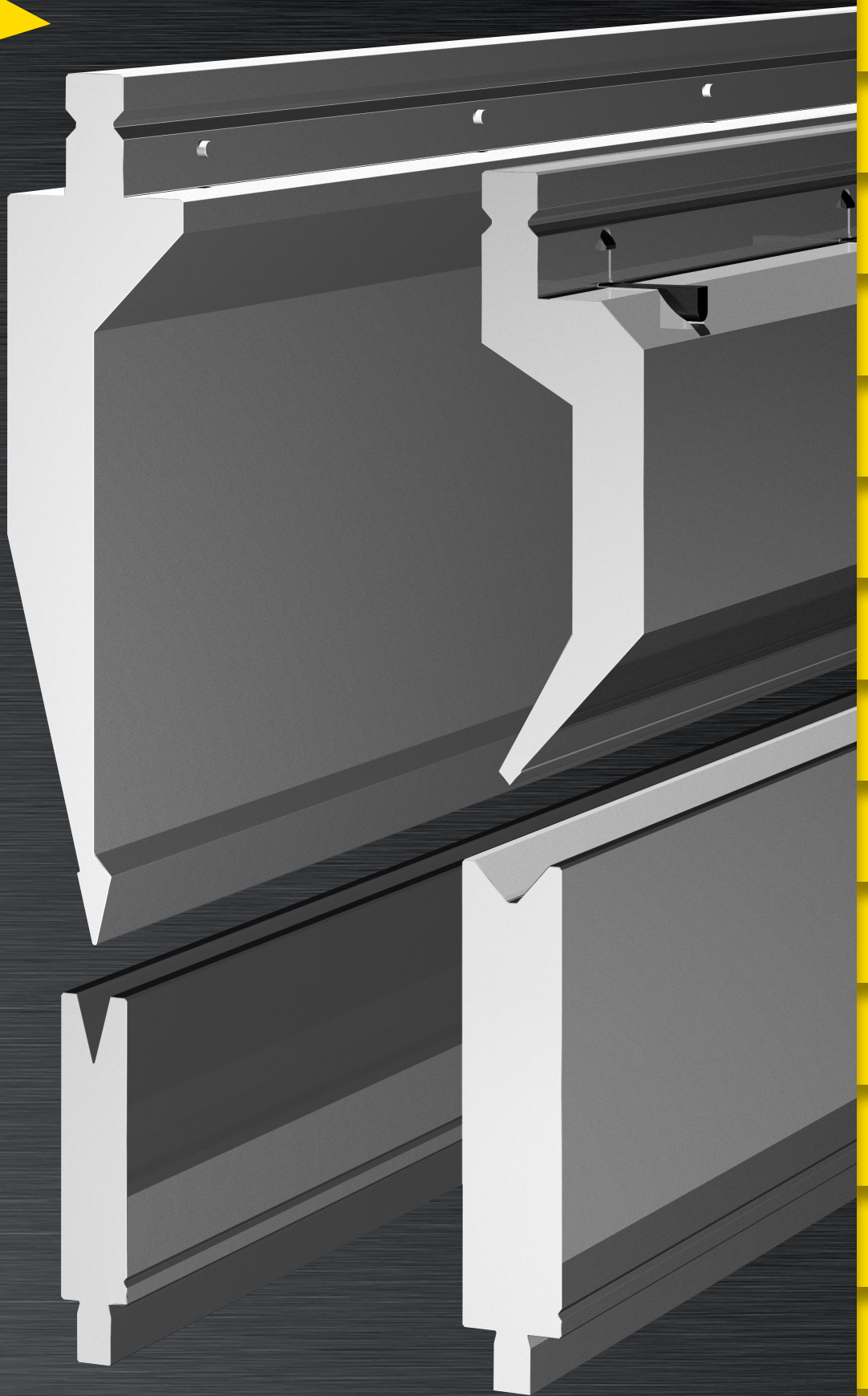
# PRESS BRAKE TOOLS

## UKB-SYSTEM TRUMPF

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Safety pins. . . . .	56
Flexible modification. . . . .	57
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Punches/top tools H = 140 mm . . . . .	59
Punches/top tools H = 158 mm . . . . .	60 – 61
Punches/top tools H = 220 mm . . . . .	62 – 64
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84° Dies H = 150 mm . . . . .	76
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Flattening punches/top tools and flattening dies . . . . .	80 – 81
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FOLLOW US!





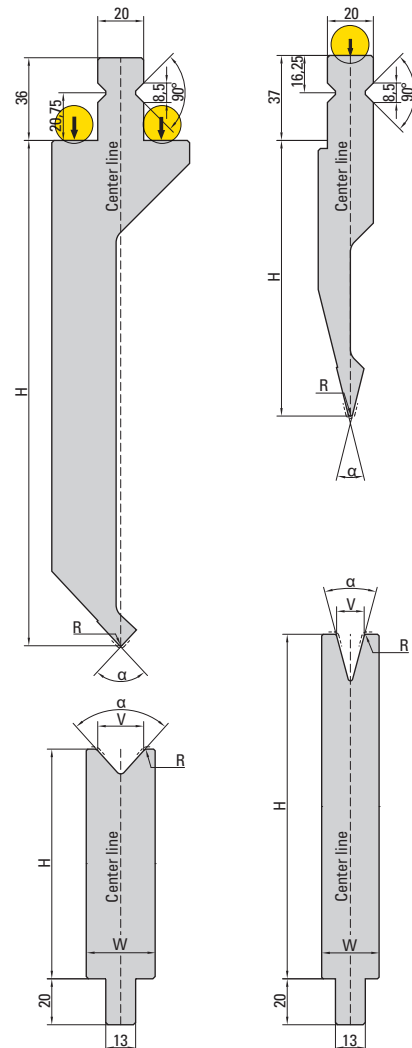
02

## Quality and precision

- ▶ Optimum materials
  - 42 CrMo4, tempered to 1100 – 1200 N/mm<sup>2</sup>
  - C45, tempered to 800 – 850 N/mm<sup>2</sup>
  - C45, 650 – 800 N/mm<sup>2</sup>
- ▶ Bending radius/intake radii hardened up to 52 – 55 HRC
- ▶ Precision ground
- ▶ Guaranteed exchangeability and parallelism
- ▶ Punch/top tool clampings in two different models
  - Simple Clamp at segments < 12,5 kg
  - Safety Pin at segments > 12,5 kg
- ▶ Self centering
- ▶ Usable on both sides
- ▶ Tool marking with all technical information

Force on shoulder

Force on head



### VIDEO

UKB-Press brake tool systems



## LPT-ADVANTAGES

- ▶ **Office hours:** From Monday to Friday from 8:00am to 6:00pm
- ▶ **Dispatch time:** Press brake tools UKB-System Trumpf in **24 h**
- ▶ **Shipping:** Orders placed before 2:00pm on the same working day
- ▶ **Delivery service:**
  - Standard: 2 days typical by courier  
4 days typical (larger shipments over 40 kg)
  - Express service: According agreement
- ▶ **Package:** Ecologically sensitive and safe - with self recycled packing material
- ▶ **Payment options:** 30 days invoice

### VIDEO

UKB-Image





## Tool lengths

### PUNCHES/TOP TOOLS

#### WITH SIMPLE CLAMP

< 12,5 kg

Length 500 mm



Length 300 mm



Length 200 mm

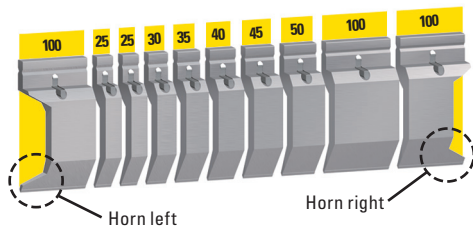


Length 100 mm



Length 550 mm sectionalized

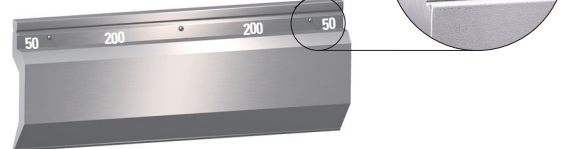
- ▶ Sectionalized punches/top tools are delivered as a complete set
- ▶ 10 Segments, with horn extension left and right



#### WITH SAFETY PINS

> 12,5 kg

Length 500 mm



Length 300 mm



Length 200 mm

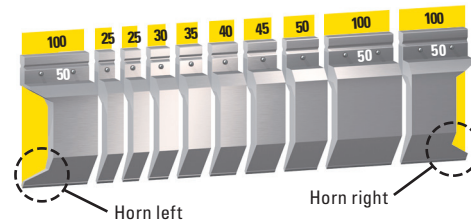


Length 100 mm



Length 550 mm sectionalized

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



### DIES

Length 500 mm



Length 300 mm



Length 200 mm



Length 100 mm



Length 550 mm sectionalized

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



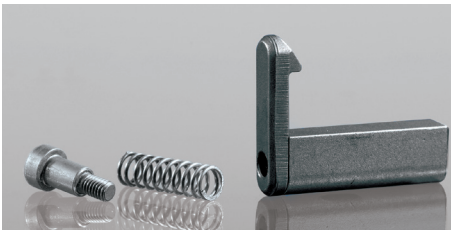
#### LPT-INFO

Create your own individual tool lengths set for punches/top tools and dies!  
Offers for sets 1050 / 2050 / 3050 / 4050 mm, contact us!

## Simple Clamp

### ADVANTAGES

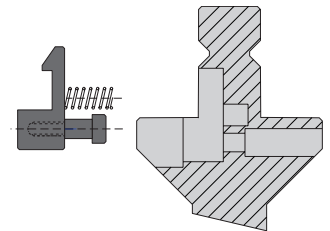
- ▶ Vertical tool change for segments up to 12,5 kg
- ▶ Less set-up time
- ▶ Easy handling



Set consists of screw, spring and Simple Clamp



Vertical tool change



**70.714** 24h

Set	P.O.A.	0,012 kg
-----	--------	----------

Suitable for punches/top tools  
15.010 / 15.310 / 15.610



**70.715** 24h

Set	P.O.A.	0,014 kg
-----	--------	----------

Suitable for punches/top tools  
15.320 / 15.620



**70.716** 24h

Set	P.O.A.	0,016 kg
-----	--------	----------

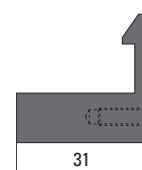
Suitable for punches/top tools  
15.330 / 15.335 / 15.630 / 15.635  
15.755 / 15.902 / 15.904 / 15.905



**70.717** 24h

Set	P.O.A.	0,023 kg
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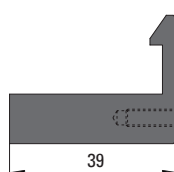
Suitable for punches/top tools  
15.450 / 15.710 / 15.720  
15.730 / 15.750 / 15.760



**70.718** 24h

Set	P.O.A.	0,027 kg
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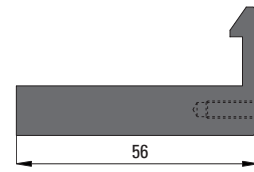
Suitable for punches/top tools  
15.370 / 15.480 / 15.670 / 15.680



**70.719** 24h

Set	P.O.A.	0,038 kg
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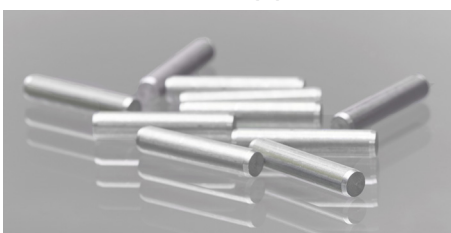
Suitable for punches/top tools  
15.380 / 15.700 / 15.800



## Safety pins

### ADVANTAGES

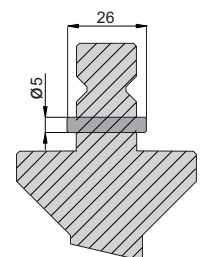
- ▶ Horizontal tool change for segments **more than 12,5 kg**
- ▶ Favorable purchase price (in comparison with Simple Clamp)
- ▶ Hardened Safety pins on demand



Safety pins



Horizontal tool change



**70.130** 24h

10 pieces	P.O.A.	0,16 kg
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Hardened

**70.140** 24h

10 pieces	P.O.A.	0,16 kg
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Not hardened



## Flexible modification

### PUNCHES/TOP TOOLS

- ▶ Special cuttings
- ▶ Individual horn extensions
- ▶ Insertion of Simple Clamp
- ▶ Insertion of Safety pins
- ▶ Laser marking

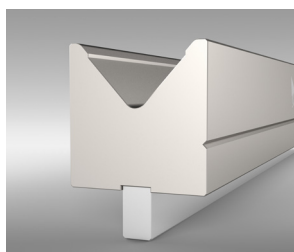
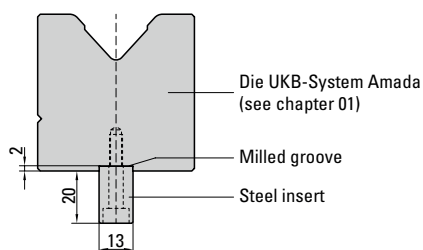


### DIES

- ▶ Special cuttings
- ▶ Laser marking



### MODIFICATION DIES UKB-SYSTEM AMADA



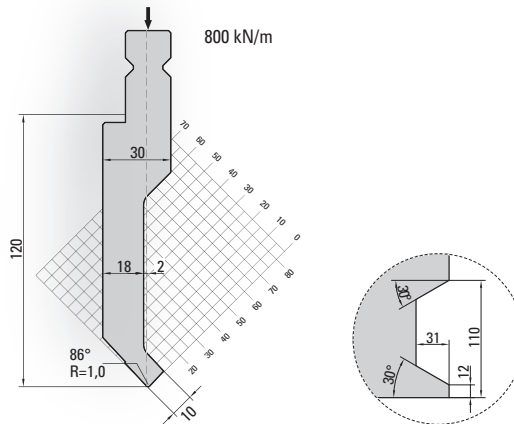
### VIDEO

UKB-Modification of press brake tools



## Punches/top tools H = 120 mm

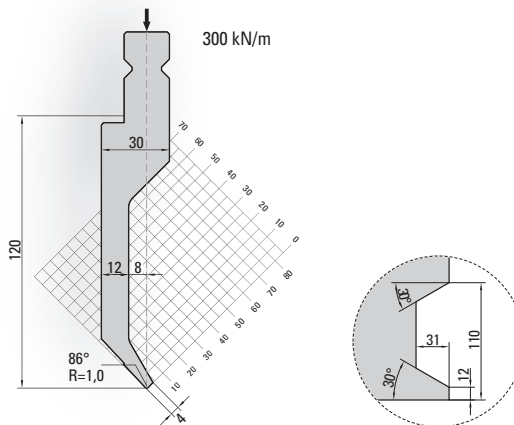
15.330		24h
Simple Clamp		
500 mm	P.O.A.	12,0 kg
300 mm	P.O.A.	7,2 kg
200 mm	P.O.A.	4,8 kg
100 mm	P.O.A.	2,4 kg
550 mm sectionalized	P.O.A.	13,2 kg



Further radii	
R (mm)	H (mm)
0,5	119,8
2,0	119,2
2,5	119,0
3,0	118,8
4,0	118,2
5,0	117,7
6,0	117,2

Prices and other radii on demand  
Delivery time 1-3 working days

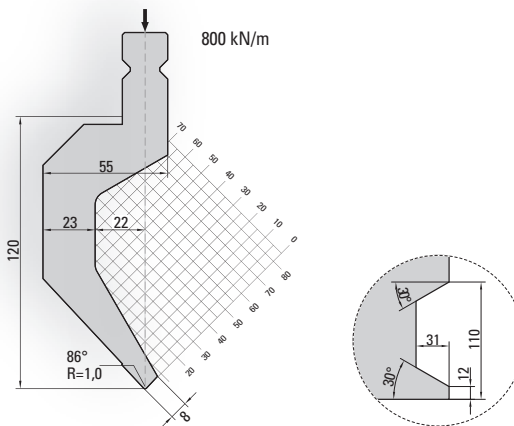
15.335		24h
Simple Clamp		
500 mm	P.O.A.	9,9 kg
300 mm	P.O.A.	6,0 kg
200 mm	P.O.A.	4,0 kg
100 mm	P.O.A.	2,0 kg
550 mm sectionalized	P.O.A.	11,0 kg



Further radii	
R (mm)	H (mm)
0,5	119,8
2,0	119,2
2,5	119,0
3,0	118,8

Prices and other radii on demand  
Delivery time 1-3 working days

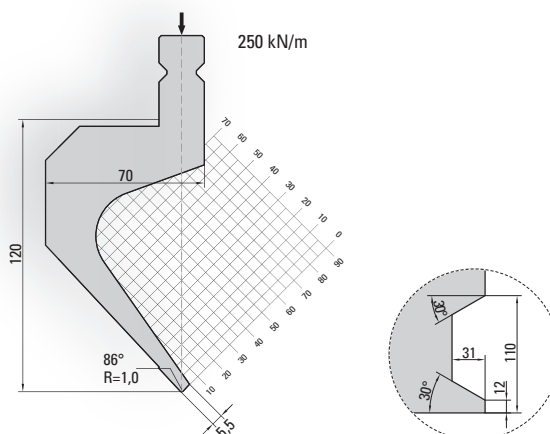
15.370		24h
Safety pins		
500 mm	P.O.A.	14,5 kg
Simple Clamp		
300 mm	P.O.A.	8,7 kg
200 mm	P.O.A.	5,8 kg
100 mm	P.O.A.	2,9 kg
550 mm sectionalized	P.O.A.	16,0 kg



Further radii	
R (mm)	H (mm)
0,5	119,8
2,0	119,2
2,5	119,0
3,0	118,7
4,0	118,3
5,0	117,8
6,0	117,3

Prices and other radii on demand  
Delivery time 1-3 working days

15.380		24h
Safety pins		
500 mm	P.O.A.	15,4 kg
Simple Clamp		
300 mm	P.O.A.	9,3 kg
200 mm	P.O.A.	6,2 kg
100 mm	P.O.A.	3,1 kg
550 mm sectionalized	P.O.A.	17,0 kg



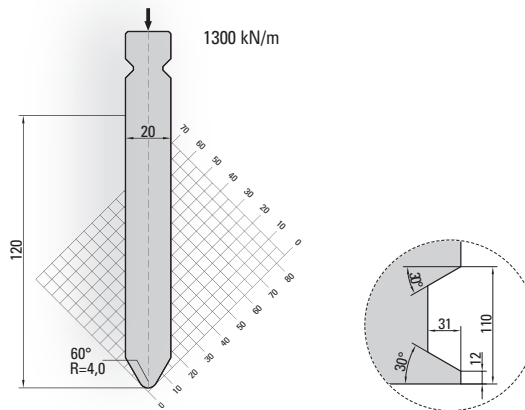
Further radii	
R (mm)	H (mm)
0,5	119,8
2,0	119,2
2,5	119,0
3,0	118,7
4,0	118,3

Prices and other radii on demand  
Delivery time 1-3 working days

## Punches/top tools H = 120 mm

### 15.310 24h

Simple Clamp		
500 mm	P.O.A.	12,0 kg
300 mm	P.O.A.	7,2 kg
200 mm	P.O.A.	4,8 kg
100 mm	P.O.A.	2,4 kg
550 mm sectionalized	P.O.A.	13,2 kg



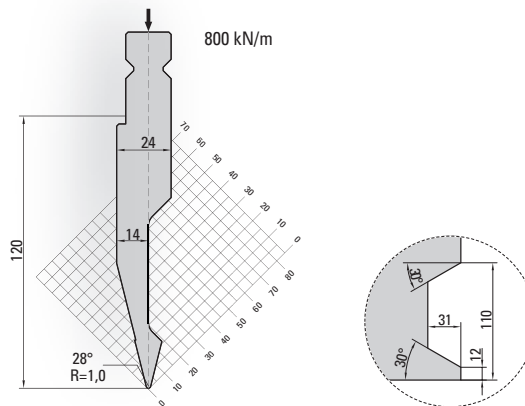
### Further radii

R (mm)	H (mm)
2,0	119,8
2,5	119,8
3,0	119,8
5,0	118,8
6,0	117,6

Prices and other radii on demand  
**Delivery time 1-3 working days**

### 15.320 24h

Simple Clamp		
500 mm	P.O.A.	10,0 kg
300 mm	P.O.A.	6,0 kg
200 mm	P.O.A.	4,0 kg
100 mm	P.O.A.	2,0 kg
550 mm sectionalized	P.O.A.	11,0 kg



### Further radii

R (mm)	H (mm)
0,5	119,8
2,0	116,0
2,5	114,4
3,0	112,8
4,0	109,8

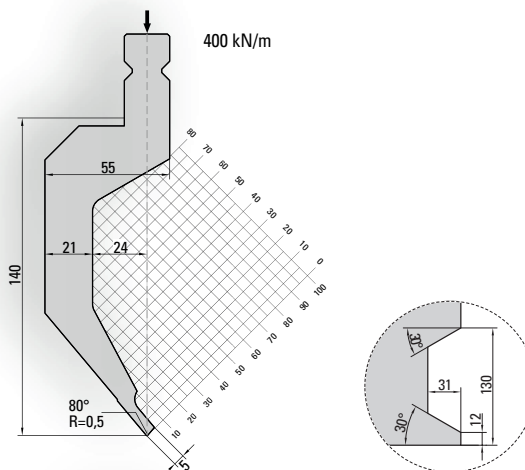
Prices and other radii on demand  
**Delivery time 1-3 working days**

## Punches/top tools H = 140 mm

### 15.480 24h

Safety pins		
500 mm	P.O.A.	15,3 kg

Simple Clamp		
300 mm	P.O.A.	9,3 kg
200 mm	P.O.A.	6,2 kg
100 mm	P.O.A.	3,1 kg
550 mm sectionalized	P.O.A.	17,0 kg



### Further radii

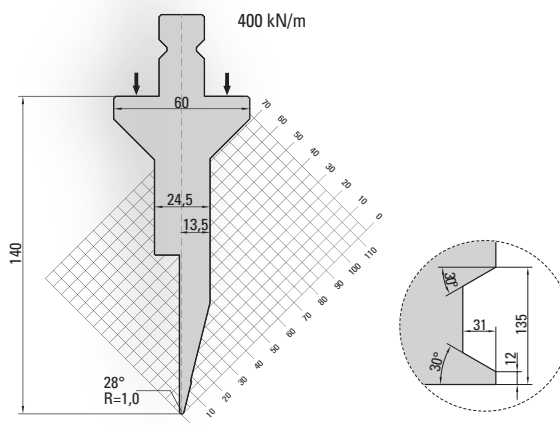
R (mm)	H (mm)
1,0	139,4
2,0	138,8
2,5	138,5
3,0	138,2

Prices and other radii on demand  
**Delivery time 1-3 working days**

### 15.450 24h

Safety pins		
500 mm	P.O.A.	14,5 kg

Simple Clamp		
300 mm	P.O.A.	8,7 kg
200 mm	P.O.A.	5,8 kg
100 mm	P.O.A.	2,9 kg
550 mm sectionalized	P.O.A.	16,0 kg



### Further radii

R (mm)	H (mm)
0,5	139,8

Prices and other radii on demand  
**Delivery time 1-3 working days**

## Punches/top tools H = 158 mm

**15.630**

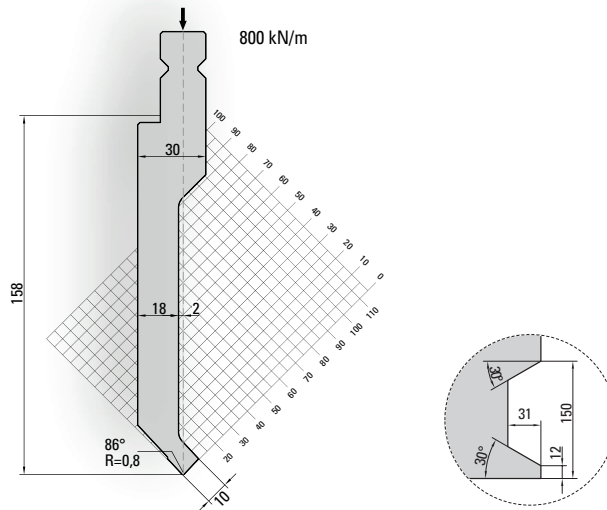
**24h**

Safety pins

500 mm	P.O.A.	15,0 kg
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Simple Clamp

300 mm	P.O.A.	9,0 kg
200 mm	P.O.A.	6,0 kg
100 mm	P.O.A.	3,0 kg
550 mm sectionalized	P.O.A.	16,5 kg



### Further radii

R (mm)	H (mm)
0,5	157,8
1,0	157,6
2,0	157,2
2,5	157,0
3,0	156,7
4,0	156,3
5,0	155,8
6,0	155,3

Prices and other radii on demand  
Delivery time 1-3 working days

**15.635**

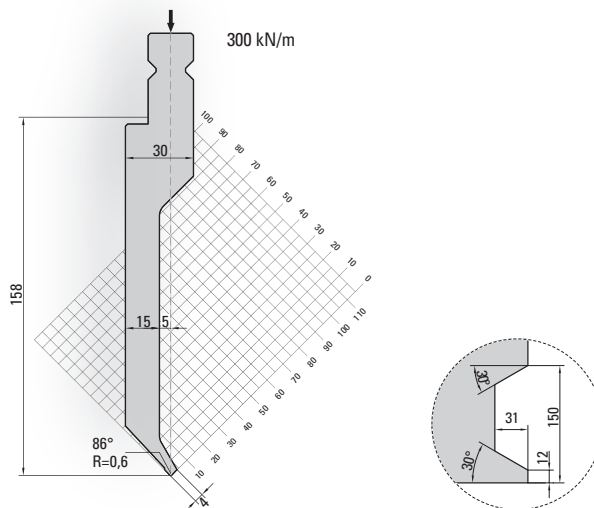
**24h**

Safety pins

500 mm	P.O.A.	13,5 kg
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Simple Clamp

300 mm	P.O.A.	8,1 kg
200 mm	P.O.A.	5,4 kg
100 mm	P.O.A.	2,7 kg
550 mm sectionalized	P.O.A.	14,9 kg



### Further radii

R (mm)	H (mm)
0,5	157,8
1,0	157,6
2,0	157,2
2,5	157,0
3,0	156,7

Prices and other radii on demand  
Delivery time 1-3 working days

**15.670**

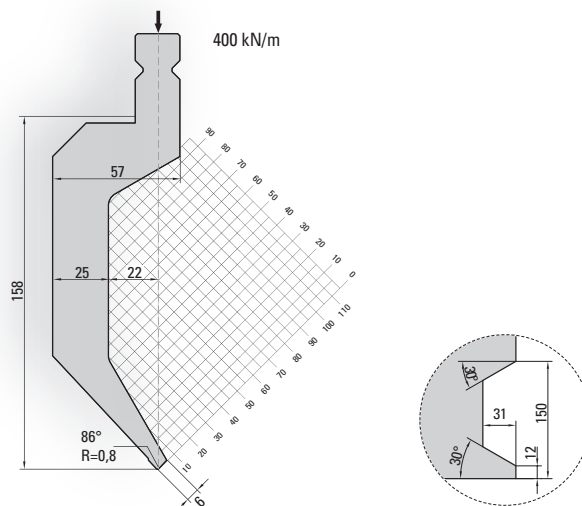
**24h**

Safety pins

500 mm	P.O.A.	19,0 kg
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Simple Clamp

300 mm	P.O.A.	11,4 kg
200 mm	P.O.A.	7,6 kg
100 mm	P.O.A.	3,8 kg
550 mm sectionalized	P.O.A.	20,9 kg



### Further radii

R (mm)	H (mm)
0,5	157,8
1,0	157,6
2,0	157,2
2,5	157,0
3,0	156,7
4,0	156,3
5,0	155,8

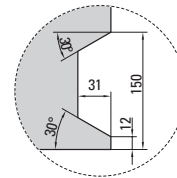
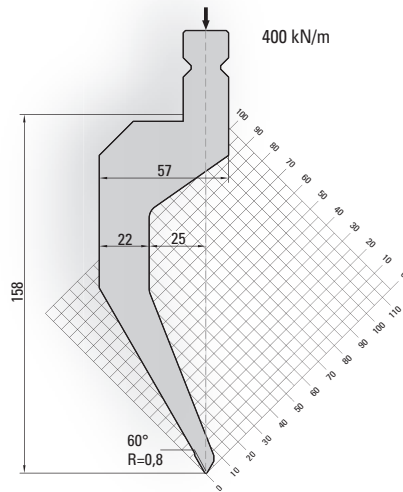
Prices and other radii on demand  
Delivery time 1-3 working days

## Punches/top tools H = 158 mm

### 15.680 24h

Safety pins		
500 mm	P.O.A.	17,5 kg

Simple Clamp		
300 mm	P.O.A.	10,5 kg
200 mm	P.O.A.	7,0 kg
100 mm	P.O.A.	3,5 kg
550 mm sectionalized	P.O.A.	19,3 kg



### Further radii

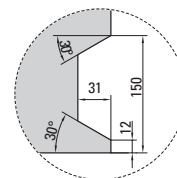
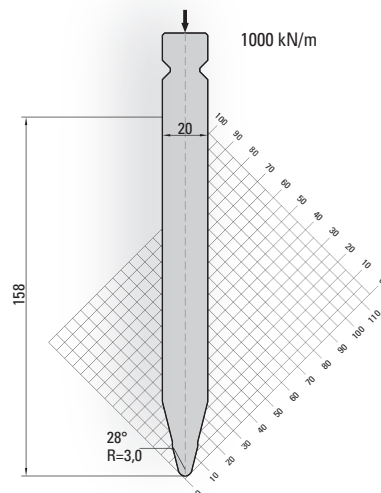
R (mm)	H (mm)
0,5	157,8
1,0	157,4
2,0	156,4
2,5	155,9
3,0	155,4

Prices and other radii on demand  
**Delivery time 1-3 working days**

### 15.610 24h

Safety pins		
500 mm	P.O.A.	14,0 kg

Simple Clamp		
300 mm	P.O.A.	8,4 kg
200 mm	P.O.A.	5,6 kg
100 mm	P.O.A.	2,8 kg
550 mm sectionalized	P.O.A.	15,4 kg



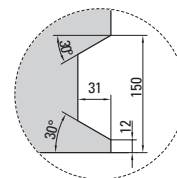
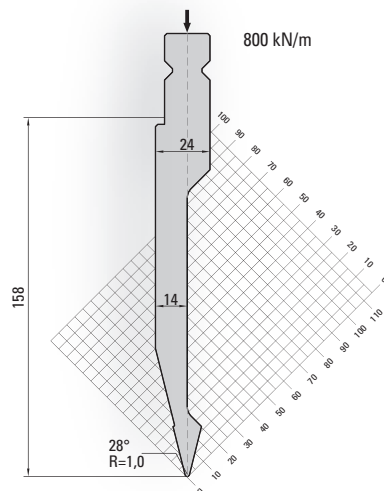
### Further radii

R (mm)	H (mm)
0,5	157,8
1,0	157,8
2,0	157,8
2,5	157,8
4,0	154,0
5,0	150,8

Prices and other radii on demand  
**Delivery time 1-3 working days**

### 15.620 24h

Simple Clamp		
500 mm	P.O.A.	11,5 kg
300 mm	P.O.A.	6,9 kg
200 mm	P.O.A.	4,6 kg
100 mm	P.O.A.	2,3 kg
550 mm sectionalized	P.O.A.	12,7 kg



### Further radii

R (mm)	H (mm)
0,5	157,8
2,0	154,0
2,5	152,4
3,0	150,8
4,0	147,8

Prices and other radii on demand  
**Delivery time 1-3 working days**



## Punches/top tools H = 220 mm

**15.710**

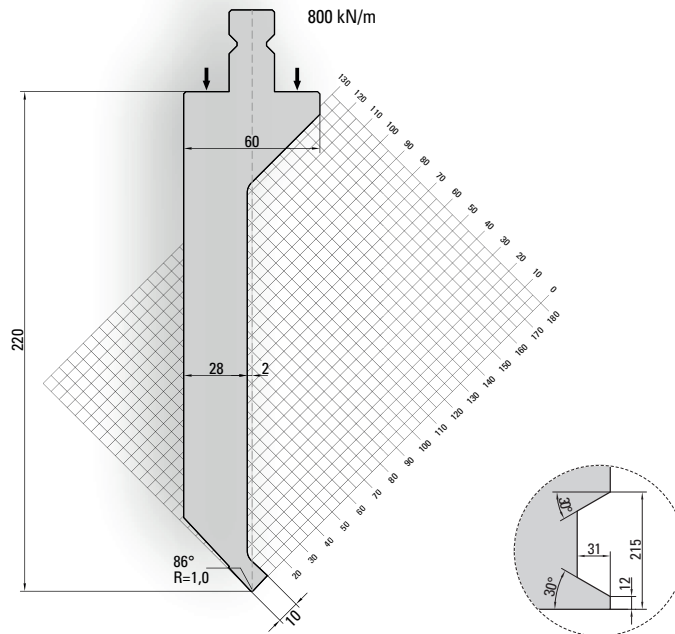
**24h**

**Safety pins**

500 mm	P.O.A.	28,5 kg
300 mm	P.O.A.	17,1 kg

**Simple Clamp**

200 mm	P.O.A.	11,4 kg
100 mm	P.O.A.	5,7 kg
550 mm sectionalized	P.O.A.	31,4 kg



**Further radii**

R (mm)	H (mm)
0,5	219,8
2,0	219,2
2,5	218,7
3,0	218,5
4,0	218,3
5,0	217,8
6,0	217,5

Prices and other radii on demand  
**Delivery time 1-3 working days**

**15.700**

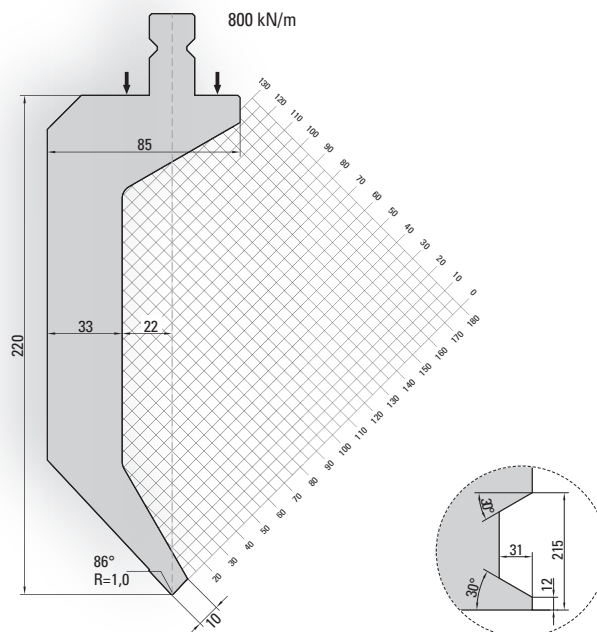
**24h**

**Safety pins**

500 mm	P.O.A.	33,5 kg
300 mm	P.O.A.	20,1 kg
200 mm	P.O.A.	13,4 kg

**Simple Clamp**

100 mm	P.O.A.	6,7 kg
550 mm sectionalized	P.O.A.	36,9 kg



**Further radii**

R (mm)	H (mm)
0,5	219,8
2,0	219,2
2,5	218,7
3,0	218,5
4,0	218,3
5,0	217,8
6,0	217,5

Prices and other radii on demand  
**Delivery time 1-3 working days**

**LPT-INFO**

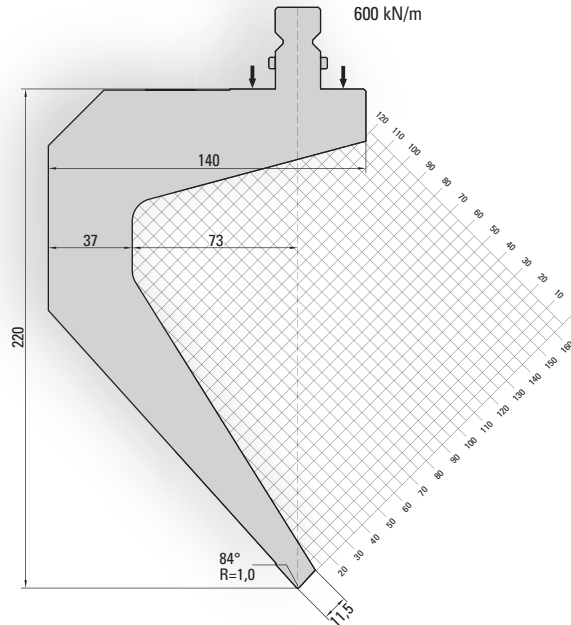
Punches/top tools UKB-System Wila type I (chapter 03) and UKB-System LVD type I (chapter 04) can also be used as punches/top tools UKB-System Trumpf!

## Punches/top tools H = 220 mm

**15.790** 24h

### Safety pins

200 mm	P.O.A.	17,6 kg
100 mm	P.O.A.	8,8 kg
550 mm sectionalized	P.O.A.	48,4 kg



### Further radii

R (mm)	H (mm)
0,5	219,8
2,0	219,2
2,5	218,7
3,0	218,5
4,0	218,3
5,0	217,8
6,0	217,5

Prices and other radii on demand  
Delivery time 1-3 working days

02

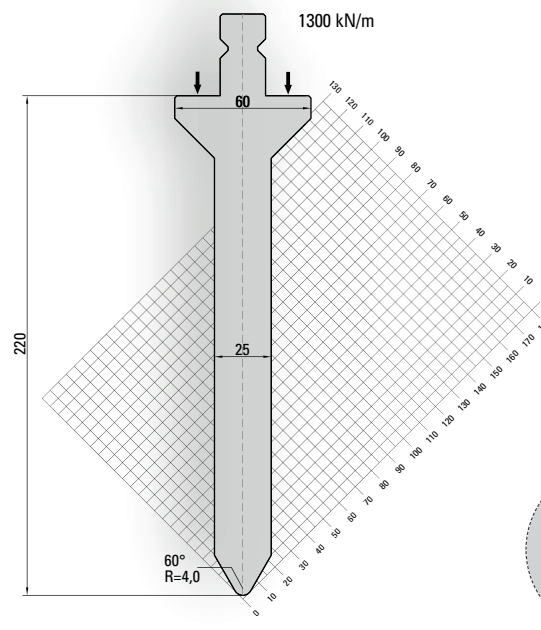
**15.730** 24h

### Safety pins

500 mm	P.O.A.	26,0 kg
300 mm	P.O.A.	15,6 kg

### Simple Clamp

200 mm	P.O.A.	10,4 kg
100 mm	P.O.A.	5,2 kg
550 mm sectionalized	P.O.A.	28,6 kg



### Further radii

R (mm)	H (mm)
2,0	219,8
2,5	219,8
3,0	219,8
5,0	218,6
6,0	217,6

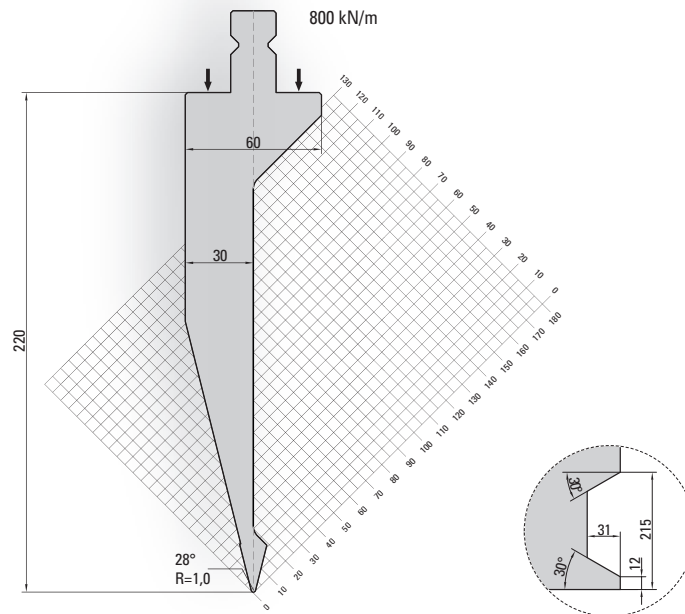
Prices and other radii on demand  
Delivery time 1-3 working days

## Punch/top tool H = 220 mm

**15.720** **24h**

Safety pins		
500 mm	P.O.A.	25,0 kg
300 mm	P.O.A.	15,0 kg

Simple Clamp		
200 mm	P.O.A.	10,0 kg
100 mm	P.O.A.	5,0 kg
550 mm sectionalized	P.O.A.	27,5 kg



### Further radii

R (mm)	H (mm)
0,5	219,8
2,0	216,0
2,5	214,0
3,0	212,8
4,0	209,8

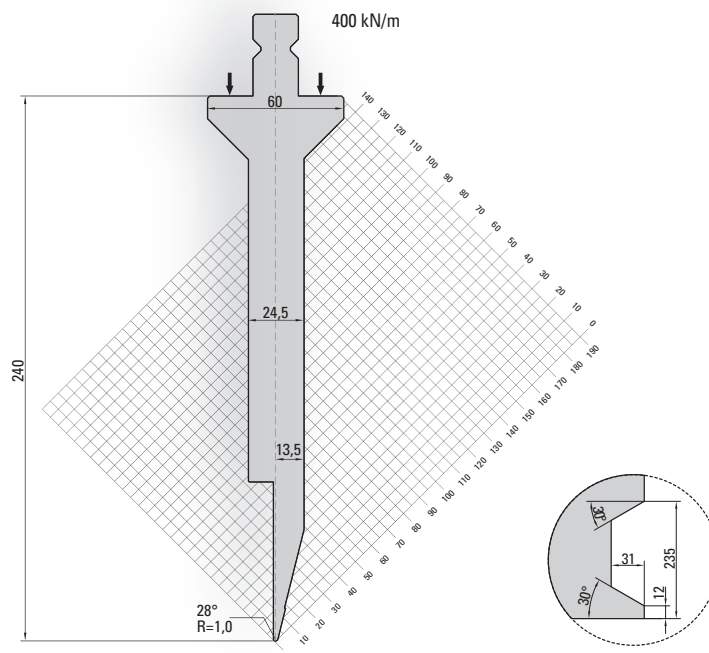
Prices and other radii on demand  
**Delivery time 1-3 working days**

## Punch/top tool H = 240 mm

**15.750** **24h**

Safety pins		
500 mm	P.O.A.	24,0 kg
300 mm	P.O.A.	14,4 kg

Simple Clamp		
200 mm	P.O.A.	9,6 kg
100 mm	P.O.A.	4,8 kg
550 mm sectionalized	P.O.A.	26,4 kg



### Further radii

R (mm)	H (mm)
0,5	239,8

Prices and other radii on demand  
**Delivery time 1-3 working days**

### LPT-INFO

Punches/top tools UKB-System Wila type I (chapter 03) and UKB-System LVD type I (chapter 04) can also be used as punches/top tools UKB-System Trumpf!

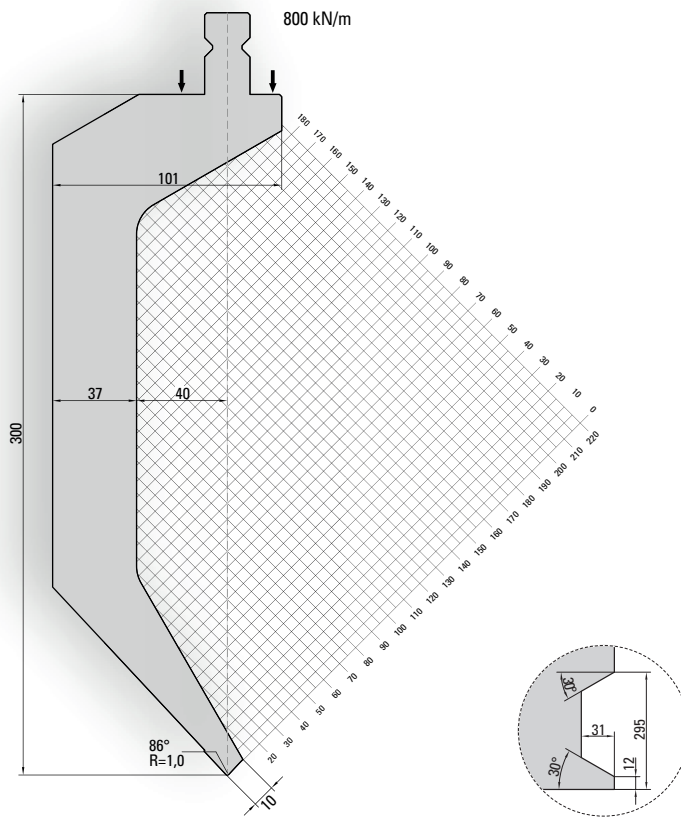
## Punch/top tool H = 300 mm

**15.800** **24h**

Safety pins		
200 mm	P.O.A.	19,6 kg

Simple Clamp

100 mm	P.O.A.	9,8 kg
550 mm sectionalized	P.O.A.	53,9 kg



### Further radii

R (mm)	H (mm)
0,5	299,8
2,0	299,2
2,5	298,7
3,0	298,5
4,0	298,3
5,0	297,8
6,0	297,5

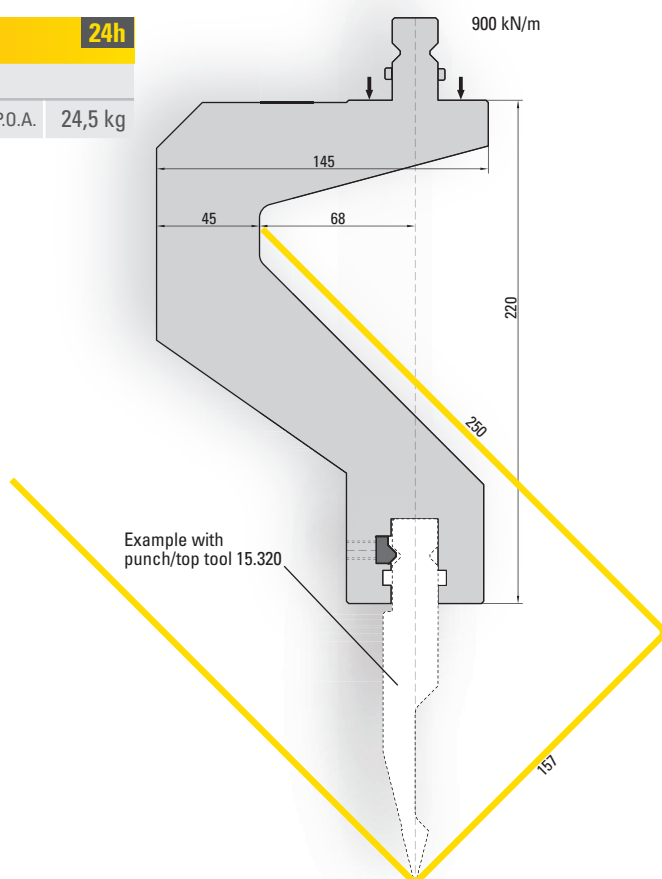
Prices and other radii on demand  
Delivery time 1-3 working days

02

## Punch/top tool distance piece H = 220 mm

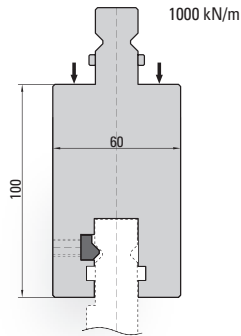
**50.503** **24h**

Safety pins		
200 mm	P.O.A.	24,5 kg

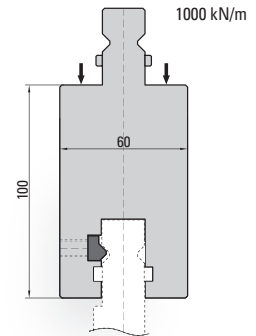


## Punch/top tool distance pieces H = 100 mm

<b>50.410</b>	<b>24h</b>
Safety pins	
150 mm	P.O.A. 6,9 kg

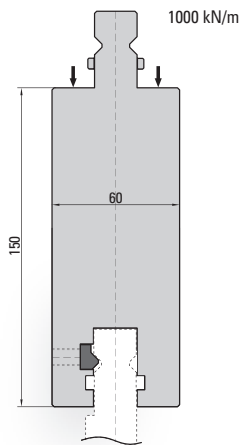


<b>50.415</b>	<b>24h</b>
Safety pins	
50 mm	P.O.A. 2,3 kg

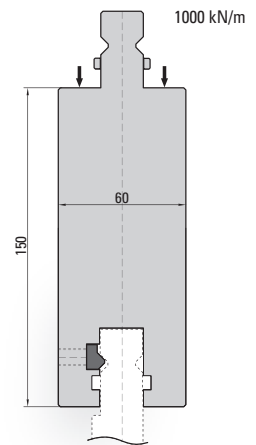


## Punch/top tool distance pieces H = 150 mm

<b>50.440</b>	<b>24h</b>
Safety pins	
150 mm	P.O.A. 10,5 kg

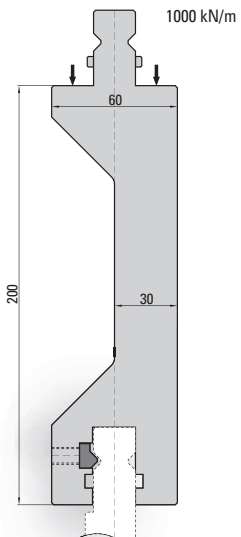


<b>50.445</b>	<b>24h</b>
Safety pins	
50 mm	P.O.A. 3,5 kg

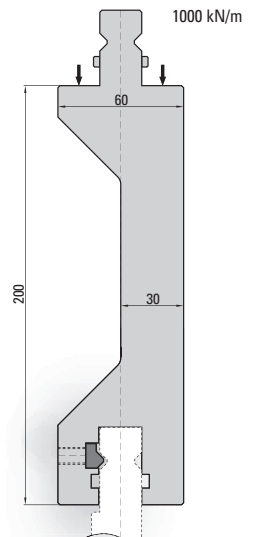


## Punch/top tool distance pieces H = 200 mm

<b>50.460</b>	<b>24h</b>
Safety pins	
150 mm	P.O.A. 9,9 kg



<b>50.465</b>	<b>24h</b>
Safety pins	
50 mm	P.O.A. 3,3 kg

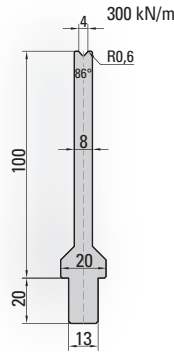




## 86° Dies H = 100 mm

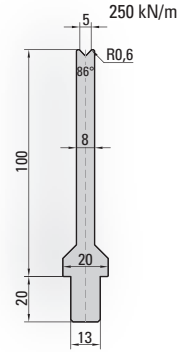
### 25.100 24h

500 mm	P.O.A.	4,5 kg
300 mm	P.O.A.	2,7 kg
200 mm	P.O.A.	1,8 kg
100 mm	P.O.A.	0,9 kg
550 mm sectionalized	P.O.A.	5,0 kg



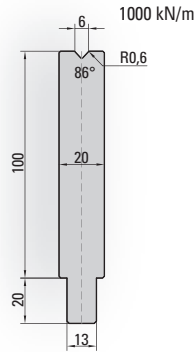
### 25.350 24h

500 mm	P.O.A.	4,5 kg
300 mm	P.O.A.	2,7 kg
200 mm	P.O.A.	1,8 kg
100 mm	P.O.A.	0,9 kg
550 mm sectionalized	P.O.A.	5,0 kg



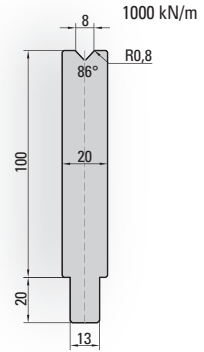
### 25.101 24h

500 mm	P.O.A.	9,0 kg
300 mm	P.O.A.	5,4 kg
200 mm	P.O.A.	3,6 kg
100 mm	P.O.A.	1,8 kg
550 mm sectionalized	P.O.A.	9,9 kg



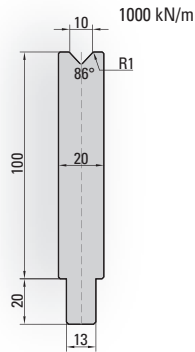
### 25.102 24h

500 mm	P.O.A.	9,0 kg
300 mm	P.O.A.	5,4 kg
200 mm	P.O.A.	3,6 kg
100 mm	P.O.A.	1,8 kg
550 mm sectionalized	P.O.A.	9,9 kg



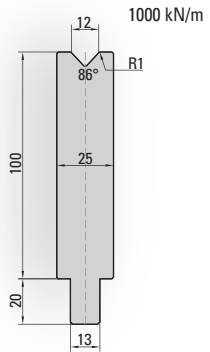
### 25.103 24h

500 mm	P.O.A.	9,0 kg
300 mm	P.O.A.	5,4 kg
200 mm	P.O.A.	3,6 kg
100 mm	P.O.A.	1,8 kg
550 mm sectionalized	P.O.A.	9,9 kg



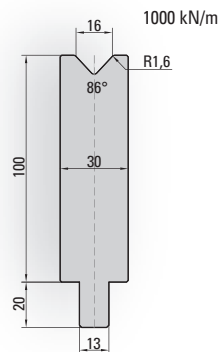
### 25.104 24h

500 mm	P.O.A.	10,5 kg
300 mm	P.O.A.	6,3 kg
200 mm	P.O.A.	4,2 kg
100 mm	P.O.A.	2,1 kg
550 mm sectionalized	P.O.A.	11,6 kg



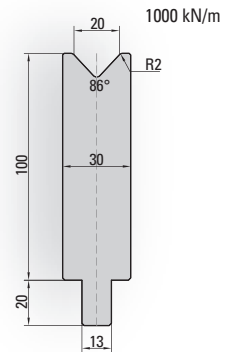
### 25.105 24h

500 mm	P.O.A.	12,5 kg
300 mm	P.O.A.	7,5 kg
200 mm	P.O.A.	5,0 kg
100 mm	P.O.A.	2,5 kg
550 mm sectionalized	P.O.A.	13,8 kg



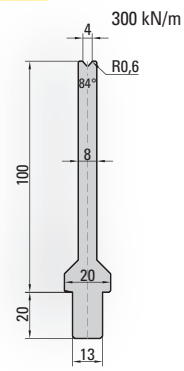
### 25.106 24h

500 mm	P.O.A.	12,5 kg
300 mm	P.O.A.	7,5 kg
200 mm	P.O.A.	5,0 kg
100 mm	P.O.A.	2,5 kg
550 mm sectionalized	P.O.A.	13,8 kg

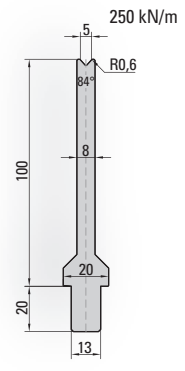


## 84° Dies H = 100 mm

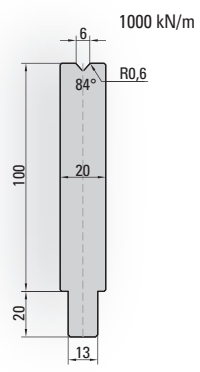
<b>25.200</b>		<b>24h</b>
500 mm	P.O.A.	4,5 kg
300 mm	P.O.A.	2,7 kg
200 mm	P.O.A.	1,8 kg
100 mm	P.O.A.	0,9 kg
550 mm sectionalized	P.O.A.	5,0 kg



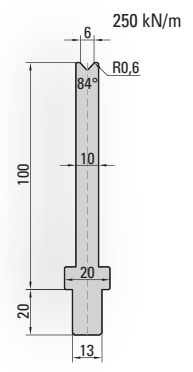
<b>25.300</b>		<b>24h</b>
500 mm	P.O.A.	4,5 kg
300 mm	P.O.A.	2,7 kg
200 mm	P.O.A.	1,8 kg
100 mm	P.O.A.	0,9 kg
550 mm sectionalized	P.O.A.	5,0 kg



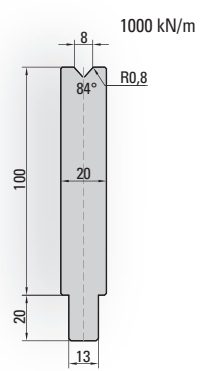
<b>25.201</b>		<b>24h</b>
500 mm	P.O.A.	9,0 kg
300 mm	P.O.A.	5,4 kg
200 mm	P.O.A.	3,6 kg
100 mm	P.O.A.	1,8 kg
550 mm sectionalized	P.O.A.	9,9 kg



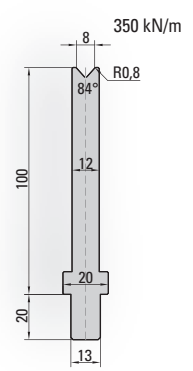
<b>25.301</b>		<b>24h</b>
500 mm	P.O.A.	5,5 kg
300 mm	P.O.A.	3,3 kg
200 mm	P.O.A.	2,2 kg
100 mm	P.O.A.	1,1 kg
550 mm sectionalized	P.O.A.	6,0 kg



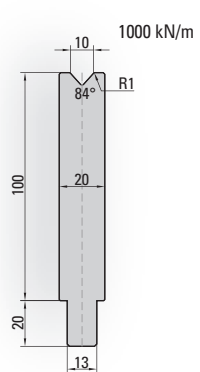
<b>25.202</b>		<b>24h</b>
500 mm	P.O.A.	9,0 kg
300 mm	P.O.A.	5,4 kg
200 mm	P.O.A.	3,6 kg
100 mm	P.O.A.	1,8 kg
550 mm sectionalized	P.O.A.	9,9 kg



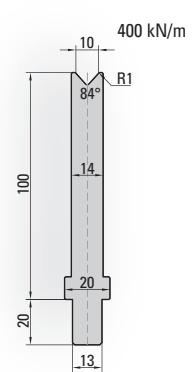
<b>25.302</b>		<b>24h</b>
500 mm	P.O.A.	6,0 kg
300 mm	P.O.A.	3,6 kg
200 mm	P.O.A.	2,4 kg
100 mm	P.O.A.	1,2 kg
550 mm sectionalized	P.O.A.	6,6 kg



<b>25.203</b>		<b>24h</b>
500 mm	P.O.A.	9,0 kg
300 mm	P.O.A.	5,4 kg
200 mm	P.O.A.	3,6 kg
100 mm	P.O.A.	1,8 kg
550 mm sectionalized	P.O.A.	9,9 kg



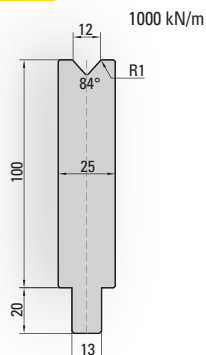
<b>25.303</b>		<b>24h</b>
500 mm	P.O.A.	6,5 kg
300 mm	P.O.A.	3,9 kg
200 mm	P.O.A.	2,6 kg
100 mm	P.O.A.	1,3 kg
550 mm sectionalized	P.O.A.	7,2 kg



## 84° Dies H = 100 mm

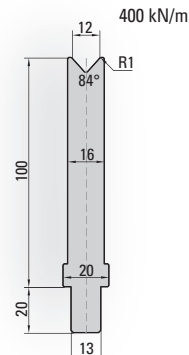
### 25.204 24h

500 mm	P.O.A.	10,5 kg
300 mm	P.O.A.	6,3 kg
200 mm	P.O.A.	4,2 kg
100 mm	P.O.A.	2,1 kg
550 mm sectionalized	P.O.A.	11,6 kg



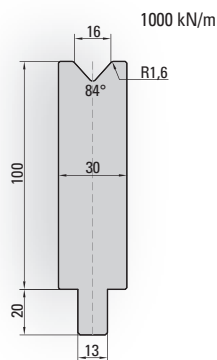
### 25.304 24h

500 mm	P.O.A.	7,0 kg
300 mm	P.O.A.	4,2 kg
200 mm	P.O.A.	2,8 kg
100 mm	P.O.A.	1,4 kg
550 mm sectionalized	P.O.A.	7,7 kg



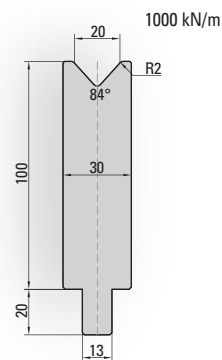
### 25.205 24h

500 mm	P.O.A.	12,5 kg
300 mm	P.O.A.	7,5 kg
200 mm	P.O.A.	5,0 kg
100 mm	P.O.A.	2,5 kg
550 mm sectionalized	P.O.A.	13,8 kg

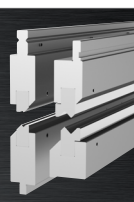


### 25.206 24h

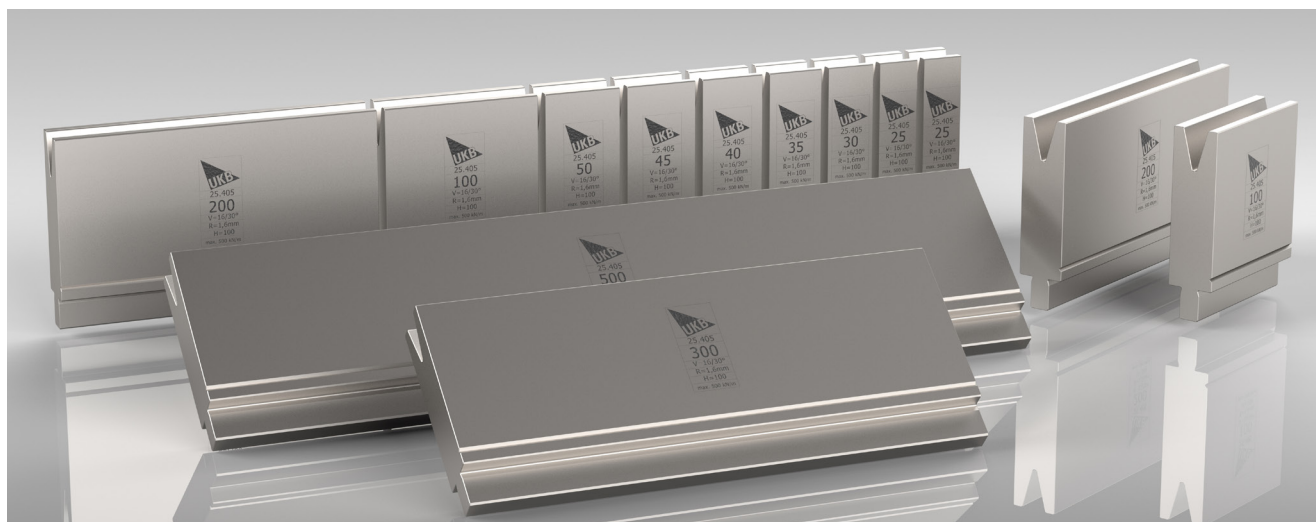
500 mm	P.O.A.	12,5 kg
300 mm	P.O.A.	7,5 kg
200 mm	P.O.A.	5,0 kg
100 mm	P.O.A.	2,5 kg
550 mm sectionalized	P.O.A.	13,8 kg



## UKB-Z-TOOL HOLDERS AND Z-TOOL INSERTS Z 1,0 – 15,0



see chapter 08

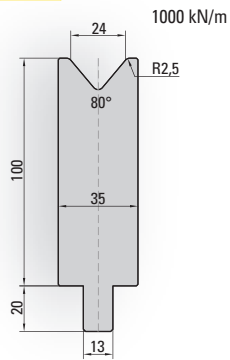


Tool lengths UKB-System Trumpf

## 80° Dies H = 100 mm

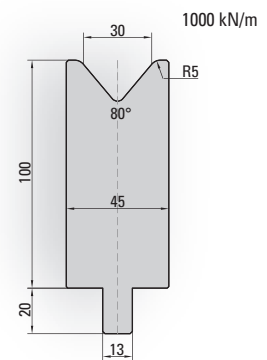
### 25.207 24h

500 mm	P.O.A.	14,0 kg
300 mm	P.O.A.	8,4 kg
200 mm	P.O.A.	5,6 kg
100 mm	P.O.A.	2,8 kg
550 mm <small>sectionalized</small>	P.O.A.	15,4 kg



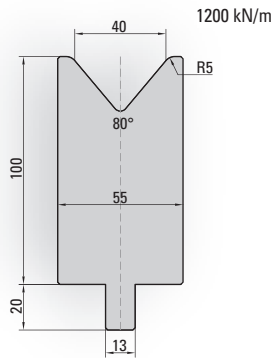
### 25.208 24h

500 mm	P.O.A.	17,5 kg
300 mm	P.O.A.	10,5 kg
200 mm	P.O.A.	7,0 kg
100 mm	P.O.A.	3,5 kg
550 mm <small>sectionalized</small>	P.O.A.	19,3 kg



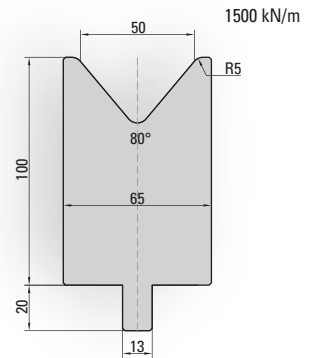
### 25.209 24h

500 mm	P.O.A.	20,5 kg
300 mm	P.O.A.	12,3 kg
200 mm	P.O.A.	8,2 kg
100 mm	P.O.A.	4,1 kg
550 mm <small>sectionalized</small>	P.O.A.	22,6 kg



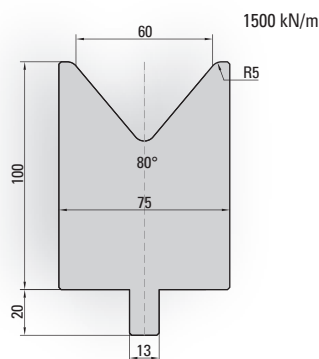
### 25.210 24h

500 mm	P.O.A.	23,0 kg
300 mm	P.O.A.	13,8 kg
200 mm	P.O.A.	9,2 kg
100 mm	P.O.A.	4,6 kg
550 mm <small>sectionalized</small>	P.O.A.	25,3 kg



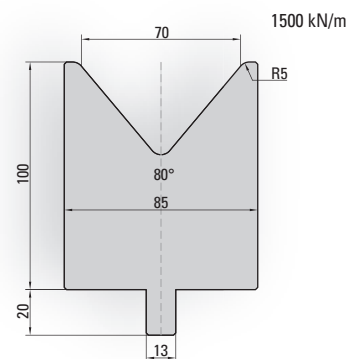
### 25.111 24h

500 mm	P.O.A.	26,0 kg
300 mm	P.O.A.	15,6 kg
200 mm	P.O.A.	10,4 kg
100 mm	P.O.A.	5,2 kg
550 mm <small>sectionalized</small>	P.O.A.	28,6 kg



### 25.112 24h

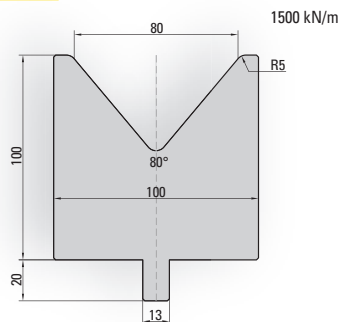
500 mm	P.O.A.	28,0 kg
300 mm	P.O.A.	16,8 kg
200 mm	P.O.A.	11,2 kg
100 mm	P.O.A.	5,6 kg
550 mm <small>sectionalized</small>	P.O.A.	30,8 kg



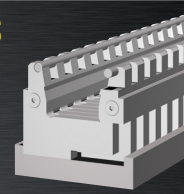
## 80° Die H = 100 mm

### 25.113 24h

500 mm	P.O.A.	32,0 kg
300 mm	P.O.A.	19,2 kg
200 mm	P.O.A.	12,8 kg
100 mm	P.O.A.	6,4 kg
550 mm sectionalized	P.O.A.	35,2 kg



### UKB-ADJUSTABLE DIES



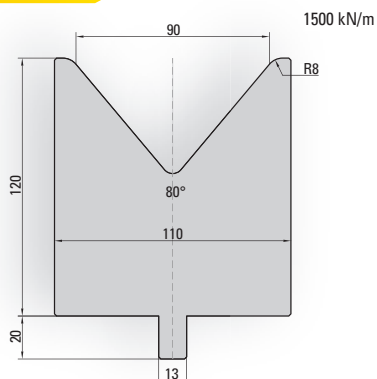
see chapter 10

02

## 80° Dies H = 120 mm

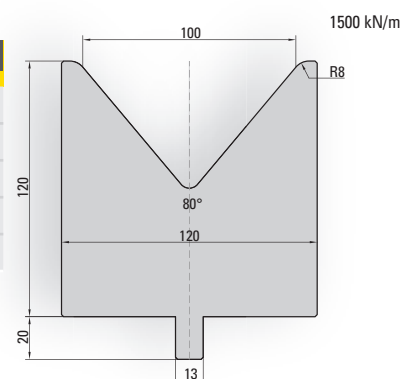
### 25.114 24h

500 mm	P.O.A.	42,5 kg
300 mm	P.O.A.	25,5 kg
200 mm	P.O.A.	17,0 kg
100 mm	P.O.A.	8,5 kg
550 mm sectionalized	P.O.A.	46,8 kg



### 25.115 24h

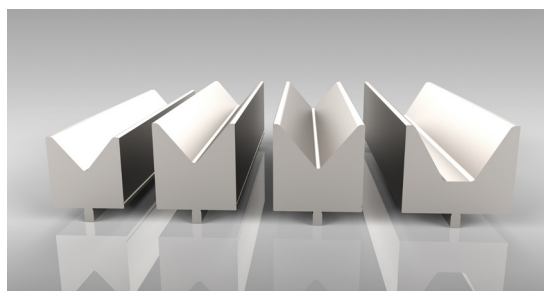
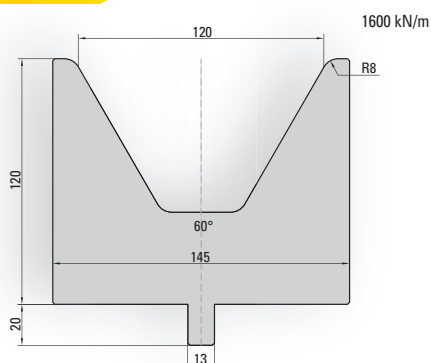
500 mm	P.O.A.	44,5 kg
300 mm	P.O.A.	26,7 kg
200 mm	P.O.A.	17,8 kg
100 mm	P.O.A.	8,9 kg
550 mm sectionalized	P.O.A.	49,0 kg



## 60° Die H = 120 mm

### 25.116 24h

500 mm	P.O.A.	45,5 kg
300 mm	P.O.A.	27,3 kg
200 mm	P.O.A.	18,2 kg
100 mm	P.O.A.	9,1 kg
550 mm sectionalized	P.O.A.	50,0 kg

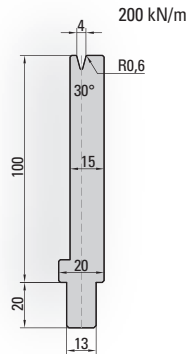




## 30° Dies H = 100 mm

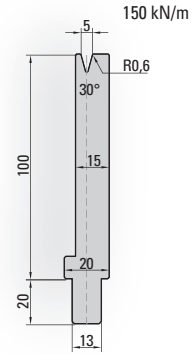
25.400		24h
500 mm	P.O.A.	7,0 kg
300 mm	P.O.A.	4,2 kg
200 mm	P.O.A.	2,8 kg
100 mm	P.O.A.	1,4 kg
550 mm sectionalized	P.O.A.	7,7 kg

Screwable flattening die H = 100 mm and additional drill holes see page 79



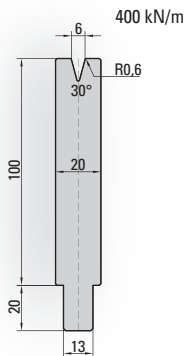
25.500		24h
500 mm	P.O.A.	7,0 kg
300 mm	P.O.A.	4,2 kg
200 mm	P.O.A.	2,8 kg
100 mm	P.O.A.	1,4 kg
550 mm sectionalized	P.O.A.	7,7 kg

Screwable flattening die H = 100 mm and additional drill holes see page 79



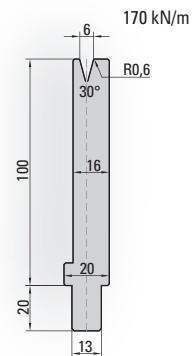
25.401		24h
500 mm	P.O.A.	9,0 kg
300 mm	P.O.A.	5,4 kg
200 mm	P.O.A.	3,6 kg
100 mm	P.O.A.	1,8 kg
550 mm sectionalized	P.O.A.	9,9 kg

Screwable flattening die H = 100 mm and additional drill holes see page 79



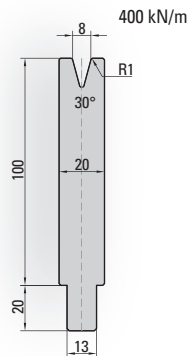
25.501		24h
500 mm	P.O.A.	7,5 kg
300 mm	P.O.A.	4,5 kg
200 mm	P.O.A.	3,0 kg
100 mm	P.O.A.	1,5 kg
550 mm sectionalized	P.O.A.	8,3 kg

Screwable flattening die H = 100 mm and additional drill holes see page 79



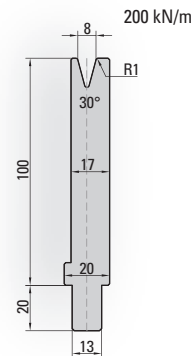
25.402		24h
500 mm	P.O.A.	9,0 kg
300 mm	P.O.A.	5,4 kg
200 mm	P.O.A.	3,6 kg
100 mm	P.O.A.	1,8 kg
550 mm sectionalized	P.O.A.	9,9 kg

Screwable flattening die H = 100 mm and additional drill holes see page 79



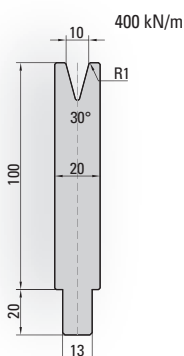
25.502		24h
500 mm	P.O.A.	7,5 kg
300 mm	P.O.A.	4,5 kg
200 mm	P.O.A.	3,0 kg
100 mm	P.O.A.	1,5 kg
550 mm sectionalized	P.O.A.	8,3 kg

Screwable flattening die H = 100 mm and additional drill holes see page 79



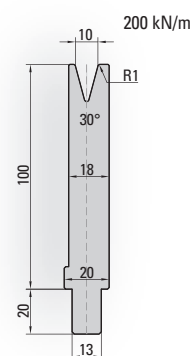
25.403		24h
500 mm	P.O.A.	9,0 kg
300 mm	P.O.A.	5,4 kg
200 mm	P.O.A.	3,6 kg
100 mm	P.O.A.	1,8 kg
550 mm sectionalized	P.O.A.	9,9 kg

Screwable flattening die H = 100 mm and additional drill holes see page 79



25.503		24h
500 mm	P.O.A.	8,0 kg
300 mm	P.O.A.	4,8 kg
200 mm	P.O.A.	3,2 kg
100 mm	P.O.A.	1,6 kg
550 mm sectionalized	P.O.A.	8,8 kg

Screwable flattening die H = 100 mm and additional drill holes see page 79

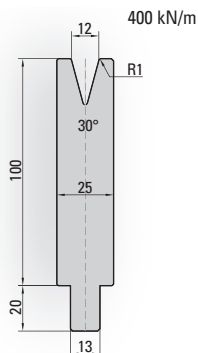


## 30° Dies H = 100 mm

### 25.404 24h

500 mm	P.O.A.	10,0 kg
300 mm	P.O.A.	6,0 kg
200 mm	P.O.A.	4,0 kg
100 mm	P.O.A.	2,0 kg
550 mm sectionalized	P.O.A.	11,0 kg

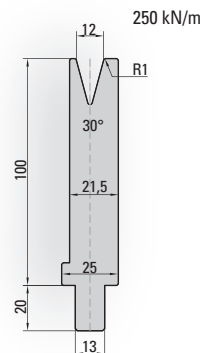
Screwable flattening die H = 100 mm and additional drill holes see page 79



### 25.504 24h

500 mm	P.O.A.	9,0 kg
300 mm	P.O.A.	5,4 kg
200 mm	P.O.A.	3,6 kg
100 mm	P.O.A.	1,8 kg
550 mm sectionalized	P.O.A.	9,9 kg

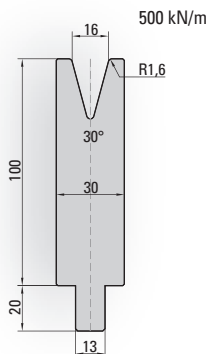
Screwable flattening die H = 100 mm and additional drill holes see page 79



### 25.405 24h

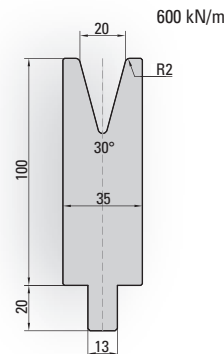
500 mm	P.O.A.	12,0 kg
300 mm	P.O.A.	7,2 kg
200 mm	P.O.A.	4,8 kg
100 mm	P.O.A.	2,4 kg
550 mm sectionalized	P.O.A.	13,2 kg

Screwable flattening die H = 100 mm and additional drill holes see page 79



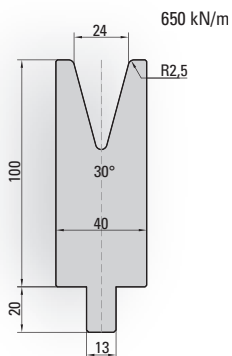
### 25.406 24h

500 mm	P.O.A.	13,0 kg
300 mm	P.O.A.	7,8 kg
200 mm	P.O.A.	5,2 kg
100 mm	P.O.A.	2,6 kg
550 mm sectionalized	P.O.A.	14,3 kg



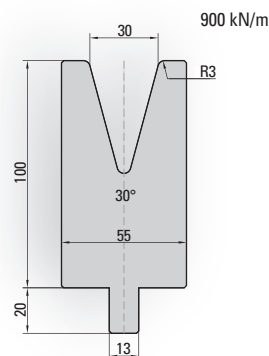
### 25.407 24h

500 mm	P.O.A.	14,5 kg
300 mm	P.O.A.	8,7 kg
200 mm	P.O.A.	5,8 kg
100 mm	P.O.A.	2,9 kg
550 mm sectionalized	P.O.A.	16,0 kg



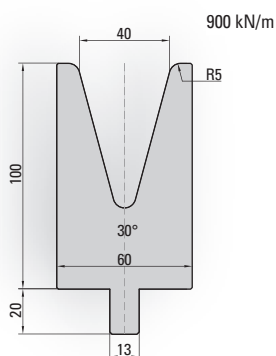
### 25.408 24h

500 mm	P.O.A.	19,0 kg
300 mm	P.O.A.	11,4 kg
200 mm	P.O.A.	7,6 kg
100 mm	P.O.A.	3,8 kg
550 mm sectionalized	P.O.A.	20,9 kg



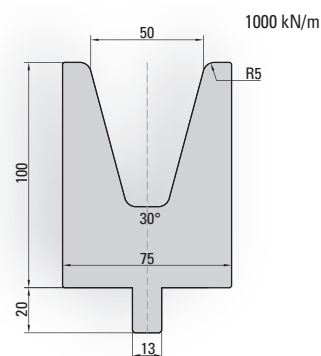
### 25.409 24h

500 mm	P.O.A.	18,5 kg
300 mm	P.O.A.	11,1 kg
200 mm	P.O.A.	7,4 kg
100 mm	P.O.A.	3,7 kg
550 mm sectionalized	P.O.A.	20,4 kg



### 25.410 24h

500 mm	P.O.A.	21,5 kg
300 mm	P.O.A.	12,9 kg
200 mm	P.O.A.	8,6 kg
100 mm	P.O.A.	4,3 kg
550 mm sectionalized	P.O.A.	23,7 kg



## 30° Dies H = 100 mm, R = 3,0

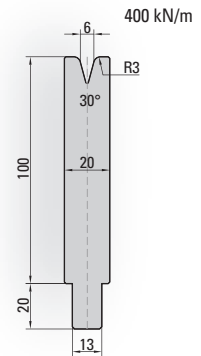
### ADVANTAGES

- ▶ Reduces marks on bended sheets
- ▶ Applicable for foil-coated sheets

#### 25.421 24h

500 mm	P.O.A.	9,0 kg
300 mm	P.O.A.	5,4 kg
200 mm	P.O.A.	3,6 kg
100 mm	P.O.A.	1,8 kg
550 mm sectionalized	P.O.A.	9,9 kg

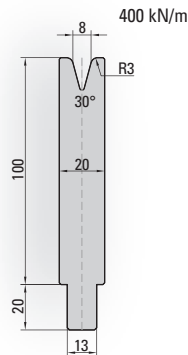
Screwable flattening die H = 100 mm and additional drill holes see page 79



#### 25.422 24h

500 mm	P.O.A.	9,0 kg
300 mm	P.O.A.	5,4 kg
200 mm	P.O.A.	3,6 kg
100 mm	P.O.A.	1,8 kg
550 mm sectionalized	P.O.A.	9,9 kg

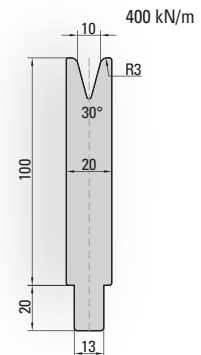
Screwable flattening die H = 100 mm and additional drill holes see page 79



#### 25.423 24h

500 mm	P.O.A.	8,5 kg
300 mm	P.O.A.	5,1 kg
200 mm	P.O.A.	3,4 kg
100 mm	P.O.A.	1,7 kg
550 mm sectionalized	P.O.A.	9,4 kg

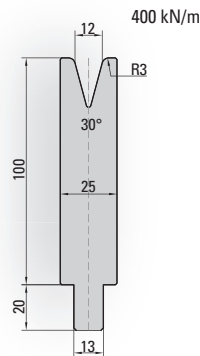
Screwable flattening die H = 100 mm and additional drill holes see page 79



#### 25.424 24h

500 mm	P.O.A.	10,0 kg
300 mm	P.O.A.	6,0 kg
200 mm	P.O.A.	4,0 kg
100 mm	P.O.A.	2,0 kg
550 mm sectionalized	P.O.A.	11,0 kg

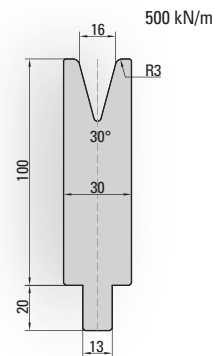
Screwable flattening die H = 100 mm and additional drill holes see page 79



#### 25.425 24h

500 mm	P.O.A.	12,0 kg
300 mm	P.O.A.	7,2 kg
200 mm	P.O.A.	4,8 kg
100 mm	P.O.A.	2,4 kg
550 mm sectionalized	P.O.A.	13,2 kg

Screwable flattening die H = 100 mm and additional drill holes see page 79



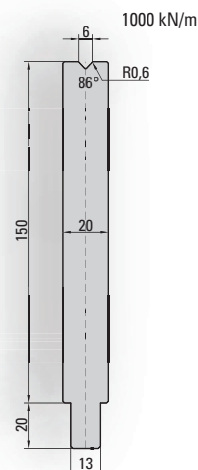
Drill hole 70.800 in 30° die 25.402

## 86° Dies H = 150 mm



### 25.601 24h

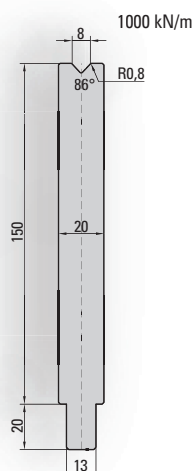
500 mm	P.O.A.	12,5 kg
300 mm	P.O.A.	7,5 kg
200 mm	P.O.A.	5,0 kg
100 mm	P.O.A.	2,5 kg
550 mm sectionalized	P.O.A.	13,8 kg



02

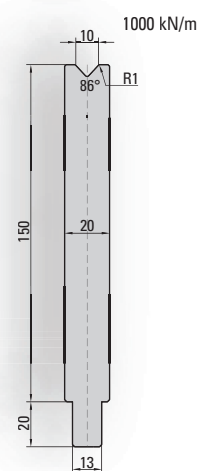
### 25.602 24h

500 mm	P.O.A.	12,5 kg
300 mm	P.O.A.	7,5 kg
200 mm	P.O.A.	5,0 kg
100 mm	P.O.A.	2,5 kg
550 mm sectionalized	P.O.A.	13,8 kg



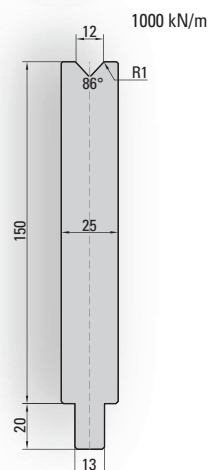
### 25.603 24h

500 mm	P.O.A.	12,5 kg
300 mm	P.O.A.	7,5 kg
200 mm	P.O.A.	5,0 kg
100 mm	P.O.A.	2,5 kg
550 mm sectionalized	P.O.A.	13,8 kg



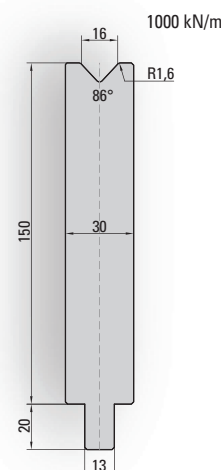
### 25.604 24h

500 mm	P.O.A.	15,5 kg
300 mm	P.O.A.	9,3 kg
200 mm	P.O.A.	6,2 kg
100 mm	P.O.A.	3,1 kg
550 mm sectionalized	P.O.A.	17,1 kg



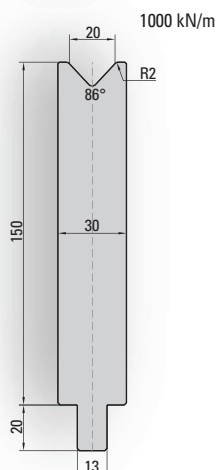
### 25.605 24h

500 mm	P.O.A.	18,0 kg
300 mm	P.O.A.	10,8 kg
200 mm	P.O.A.	7,2 kg
100 mm	P.O.A.	3,6 kg
550 mm sectionalized	P.O.A.	19,8 kg



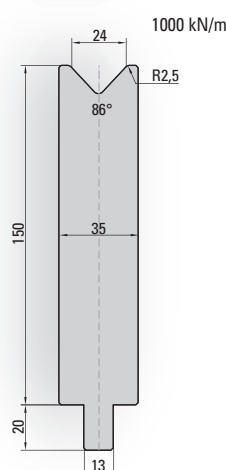
### 25.606 24h

500 mm	P.O.A.	18,0 kg
300 mm	P.O.A.	10,8 kg
200 mm	P.O.A.	7,2 kg
100 mm	P.O.A.	3,6 kg
550 mm sectionalized	P.O.A.	19,8 kg



### 25.607 24h

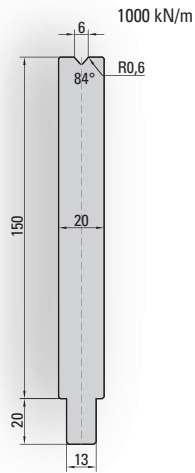
500 mm	P.O.A.	21,0 kg
300 mm	P.O.A.	12,6 kg
200 mm	P.O.A.	8,4 kg
100 mm	P.O.A.	4,2 kg
550 mm sectionalized	P.O.A.	23,1 kg



## 84° Dies H = 150 mm

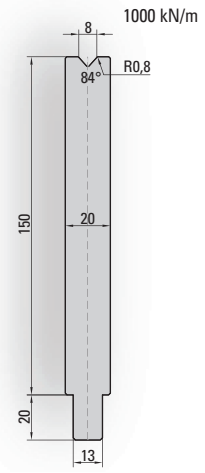
### 25.621 24h

500 mm	P.O.A.	12,5 kg
300 mm	P.O.A.	7,5 kg
200 mm	P.O.A.	5,0 kg
100 mm	P.O.A.	2,5 kg
550 mm sectionalized	P.O.A.	13,8 kg



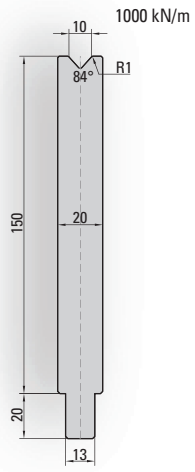
### 25.622 24h

500 mm	P.O.A.	12,5 kg
300 mm	P.O.A.	7,5 kg
200 mm	P.O.A.	5,0 kg
100 mm	P.O.A.	2,5 kg
550 mm sectionalized	P.O.A.	13,8 kg



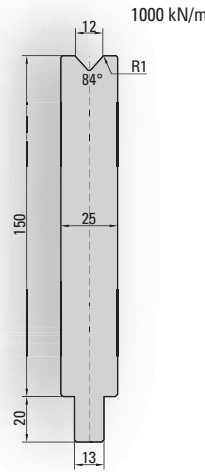
### 25.623 24h

500 mm	P.O.A.	12,5 kg
300 mm	P.O.A.	7,5 kg
200 mm	P.O.A.	5,0 kg
100 mm	P.O.A.	2,5 kg
550 mm sectionalized	P.O.A.	13,8 kg



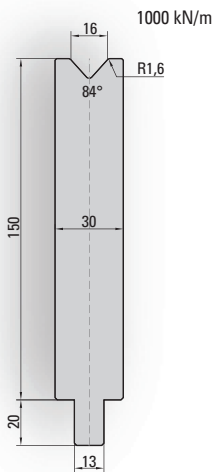
### 25.624 24h

500 mm	P.O.A.	15,5 kg
300 mm	P.O.A.	9,3 kg
200 mm	P.O.A.	6,2 kg
100 mm	P.O.A.	3,1 kg
550 mm sectionalized	P.O.A.	17,1 kg



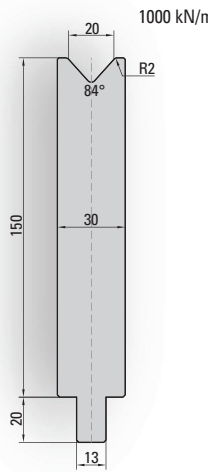
### 25.625 24h

500 mm	P.O.A.	18,0 kg
300 mm	P.O.A.	10,8 kg
200 mm	P.O.A.	7,2 kg
100 mm	P.O.A.	3,6 kg
550 mm sectionalized	P.O.A.	19,8 kg



### 25.626 24h

500 mm	P.O.A.	18,0 kg
300 mm	P.O.A.	10,8 kg
200 mm	P.O.A.	7,2 kg
100 mm	P.O.A.	3,6 kg
550 mm sectionalized	P.O.A.	19,8 kg

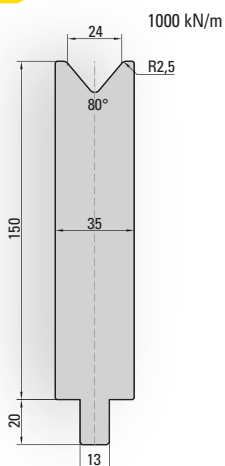




## 80° Dies H = 150 mm

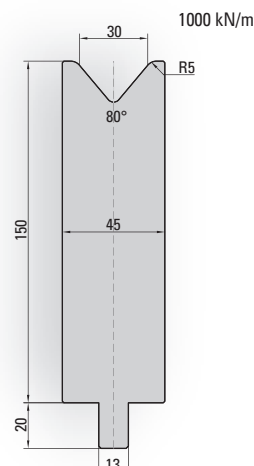
### 25.627 24h

500 mm	P.O.A.	21,0 kg
300 mm	P.O.A.	12,6 kg
200 mm	P.O.A.	8,4 kg
100 mm	P.O.A.	4,2 kg
550 mm sectionalized	P.O.A.	23,1 kg



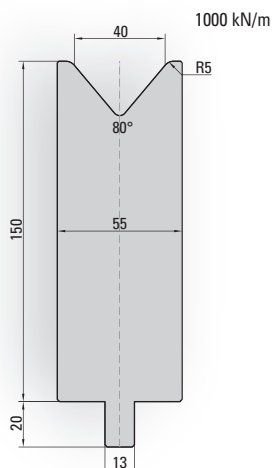
### 25.628 24h

500 mm	P.O.A.	26,0 kg
300 mm	P.O.A.	15,6 kg
200 mm	P.O.A.	10,4 kg
100 mm	P.O.A.	5,2 kg
550 mm sectionalized	P.O.A.	28,6 kg



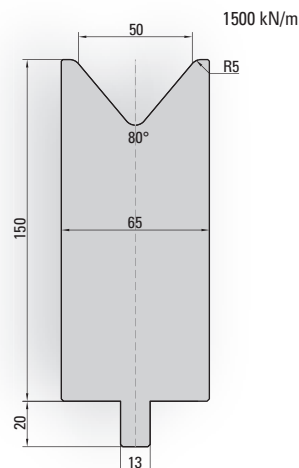
### 25.629 24h

500 mm	P.O.A.	31,0 kg
300 mm	P.O.A.	18,6 kg
200 mm	P.O.A.	12,4 kg
100 mm	P.O.A.	6,2 kg
550 mm sectionalized	P.O.A.	34,1 kg



### 25.630 24h

500 mm	P.O.A.	36,0 kg
300 mm	P.O.A.	21,6 kg
200 mm	P.O.A.	14,4 kg
100 mm	P.O.A.	7,2 kg
550 mm sectionalized	P.O.A.	39,6 kg

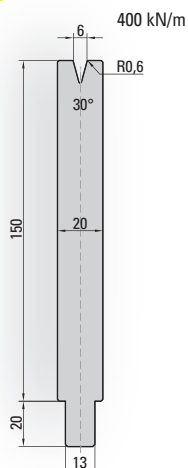


## 30° Dies H = 150 mm

### 25.901 24h

500 mm	P.O.A.	12,5 kg
300 mm	P.O.A.	7,5 kg
200 mm	P.O.A.	5,0 kg
100 mm	P.O.A.	2,5 kg
550 mm sectionalized	P.O.A.	13,8 kg

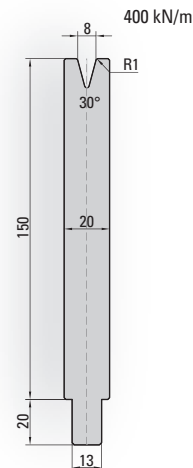
Screwable flattening die H = 150 mm and additional drill holes see page 79



### 25.902 24h

500 mm	P.O.A.	12,5 kg
300 mm	P.O.A.	7,5 kg
200 mm	P.O.A.	5,0 kg
100 mm	P.O.A.	2,5 kg
550 mm sectionalized	P.O.A.	13,8 kg

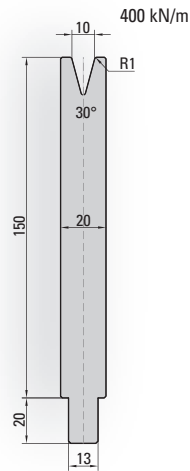
Screwable flattening die H = 150 mm and additional drill holes see page 79



## 30° Dies H = 150 mm

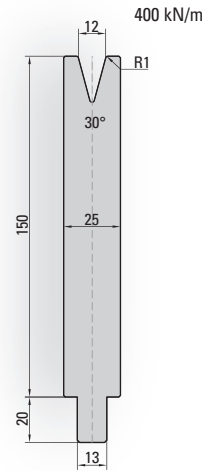
<b>25.903</b>		<b>24h</b>
500 mm	P.O.A.	12,5 kg
300 mm	P.O.A.	7,5 kg
200 mm	P.O.A.	5,0 kg
100 mm	P.O.A.	2,5 kg
550 mm sectionalized	P.O.A.	13,8 kg

Screwable flattening die H = 150 mm and additional drill holes see page 79



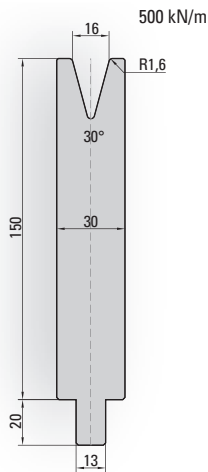
<b>25.904</b>		<b>24h</b>
500 mm	P.O.A.	15,0 kg
300 mm	P.O.A.	9,0 kg
200 mm	P.O.A.	6,0 kg
100 mm	P.O.A.	3,0 kg
550 mm sectionalized	P.O.A.	16,5 kg

Screwable flattening die H = 150 mm and additional drill holes see page 79



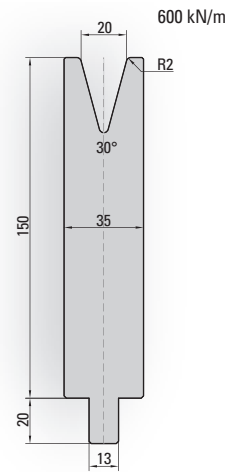
<b>25.905</b>		<b>24h</b>
500 mm	P.O.A.	17,5 kg
300 mm	P.O.A.	10,5 kg
200 mm	P.O.A.	7,0 kg
100 mm	P.O.A.	3,5 kg
550 mm sectionalized	P.O.A.	19,3 kg

Screwable flattening die H = 150 mm and additional drill holes see page 79



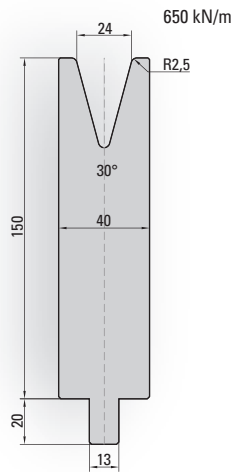
<b>25.906</b>		<b>24h</b>
500 mm	P.O.A.	20,0 kg
300 mm	P.O.A.	12,0 kg
200 mm	P.O.A.	8,0 kg
100 mm	P.O.A.	4,0 kg
550 mm sectionalized	P.O.A.	22,0 kg

Screwable flattening die H = 150 mm and additional drill holes see page 79



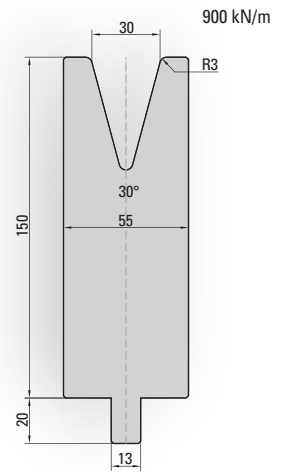
<b>25.907</b>		<b>24h</b>
500 mm	P.O.A.	22,5 kg
300 mm	P.O.A.	13,5 kg
200 mm	P.O.A.	9,0 kg
100 mm	P.O.A.	4,5 kg
550 mm sectionalized	P.O.A.	24,8 kg

Screwable flattening die H = 150 mm and additional drill holes see page 79



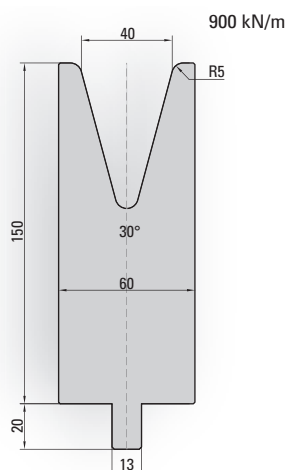
<b>25.908</b>		<b>24h</b>
500 mm	P.O.A.	30,0 kg
300 mm	P.O.A.	18,0 kg
200 mm	P.O.A.	12,0 kg
100 mm	P.O.A.	6,0 kg
550 mm sectionalized	P.O.A.	33,0 kg

Screwable flattening die H = 150 mm and additional drill holes see page 79



<b>25.909</b>		<b>24h</b>
500 mm	P.O.A.	30,0 kg
300 mm	P.O.A.	18,0 kg
200 mm	P.O.A.	12,0 kg
100 mm	P.O.A.	6,0 kg
550 mm sectionalized	P.O.A.	33,0 kg

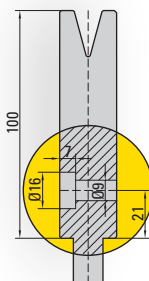
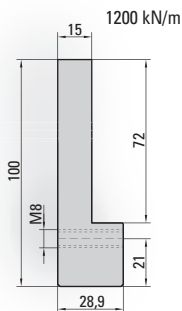
Screwable flattening die H = 150 mm and additional drill holes see page 79



## Screwable flattening die H = 100 mm

### 60.120 24h

500 mm	P.O.A.	7,5 kg
300 mm	P.O.A.	4,5 kg
200 mm	P.O.A.	3,0 kg
100 mm	P.O.A.	1,5 kg
550 mm sectionalized	P.O.A.	8,3 kg



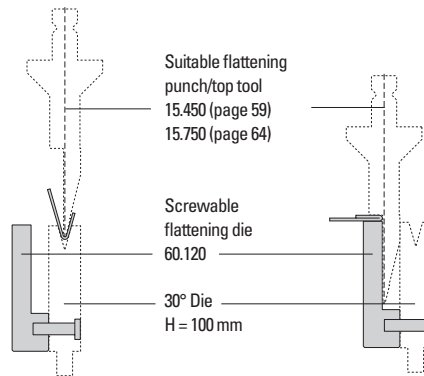
Drill hole in the die for the use of screwable flattening die 60.120

### 70.800

500 mm	P.O.A.
300 mm	P.O.A.
200 mm	P.O.A.
100 mm	P.O.A.
550 mm sectionalized	P.O.A.

Delivery time 1-3 working days

### EXAMPLE OF USE



Only usable with i-axis displacement

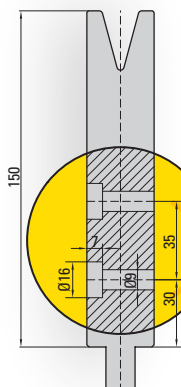
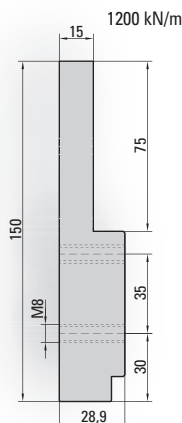
### LPT-INFO

Suitable 30° dies H = 100 mm see page 72 – 73!

## Screwable flattening die H = 150 mm

### 60.130 24h

500 mm	P.O.A.	13,0 kg
300 mm	P.O.A.	7,8 kg
200 mm	P.O.A.	5,2 kg
100 mm	P.O.A.	2,6 kg
550 mm sectionalized	P.O.A.	14,3 kg



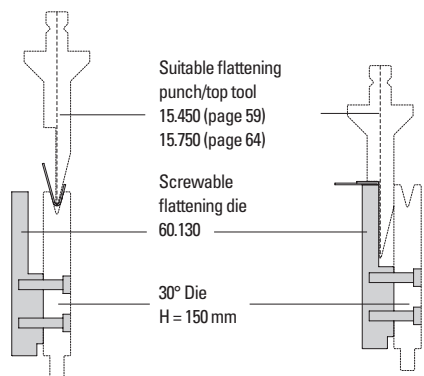
Drill holes in the die for the use of screwable flattening die 60.130

### 70.810

500 mm	P.O.A.
300 mm	P.O.A.
200 mm	P.O.A.
100 mm	P.O.A.
550 mm sectionalized	P.O.A.

Delivery time 1-3 working days

### EXAMPLE OF USE



Only usable with i-axis displacement

### LPT-INFO

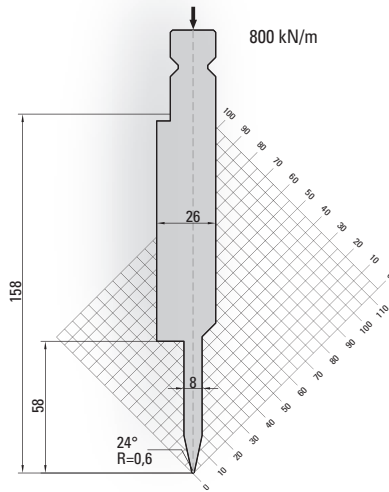
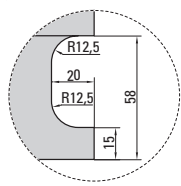
Suitable 30° dies H = 150 mm see page 77 – 78!

## Flattening punches/top tools and flattening dies

### 15.902 24h

Safety pins		
500 mm	P.O.A.	14,0 kg

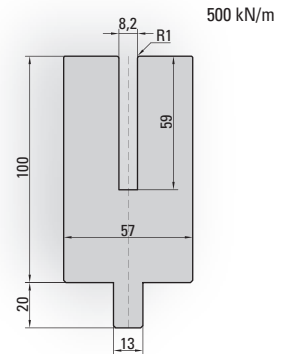
Simple Clamp		
300 mm	P.O.A.	8,4 kg
200 mm	P.O.A.	5,6 kg
100 mm	P.O.A.	2,8 kg
550 mm <small>sectionalized</small>	P.O.A.	15,4 kg



### 25.992 24h

500 mm	P.O.A.	21,5 kg
300 mm	P.O.A.	12,9 kg
200 mm	P.O.A.	8,6 kg
100 mm	P.O.A.	4,3 kg
550 mm <small>sectionalized</small>	P.O.A.	23,6 kg

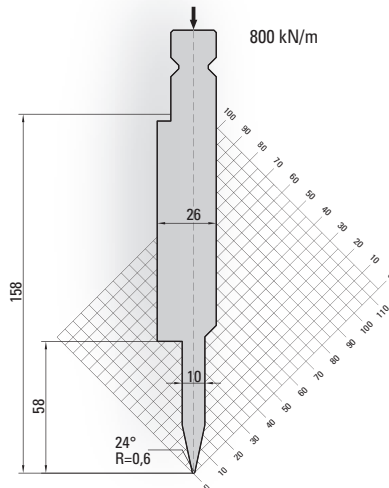
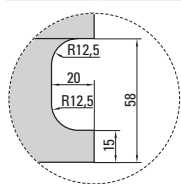
Max. 1,2 mm material thickness  
 $R_m = 400 \text{ N/mm}^2$



### 15.904 24h

Safety pins		
500 mm	P.O.A.	14,5 kg

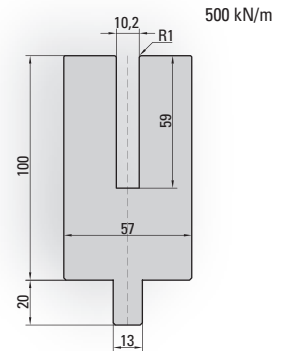
Simple Clamp		
300 mm	P.O.A.	8,7 kg
200 mm	P.O.A.	5,8 kg
100 mm	P.O.A.	2,9 kg
550 mm <small>sectionalized</small>	P.O.A.	16,0 kg



### 25.994 24h

500 mm	P.O.A.	21,0 kg
300 mm	P.O.A.	12,6 kg
200 mm	P.O.A.	8,4 kg
100 mm	P.O.A.	4,2 kg
550 mm <small>sectionalized</small>	P.O.A.	23,1 kg

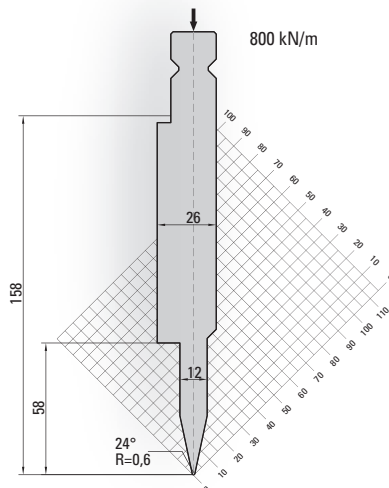
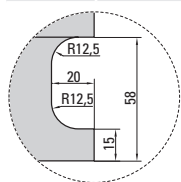
Max. 1,8 mm material thickness  
 $R_m = 400 \text{ N/mm}^2$



### 15.905 24h

Safety pins		
500 mm	P.O.A.	15,0 kg

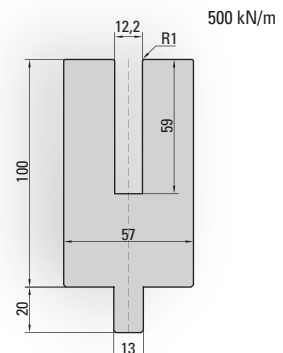
Simple Clamp		
300 mm	P.O.A.	9,0 kg
200 mm	P.O.A.	6,0 kg
100 mm	P.O.A.	3,0 kg
550 mm <small>sectionalized</small>	P.O.A.	16,5 kg



### 25.995 24h

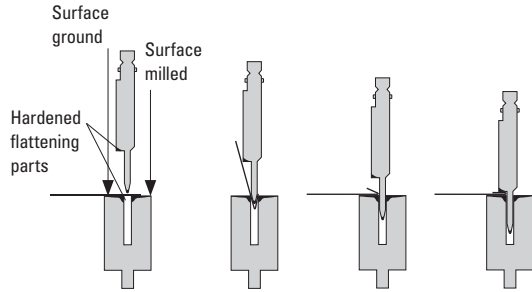
500 mm	P.O.A.	20,5 kg
300 mm	P.O.A.	12,3 kg
200 mm	P.O.A.	8,2 kg
100 mm	P.O.A.	4,1 kg
550 mm <small>sectionalized</small>	P.O.A.	22,6 kg

Max. 2,5 mm material thickness  
 $R_m = 400 \text{ N/mm}^2$



## Flattening punches/top tools and flattening dies

### EXAMPLE OF USE



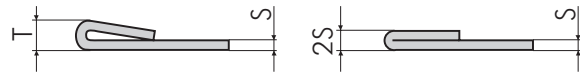
### Table of force for flattening

Material: Mild steel resistance  $R_m = 400 \text{ N/mm}^2$

S (mm)	(t/m)	T (mm)	(t/m)	2S (mm)
0,6	9	3,0	23	1,2
0,8	12	3,0	32	1,6
1,0	15	3,5	40	2,0
1,25	17	3,5	50	2,5
1,5	22	4,6	63	3,0
2,0	30	5,5	80	4,0
2,5	55	6,5	90	5,0
3,0	70	8,0	100	6,0

Material: Stainless steel resistance  $R_m = 700 \text{ N/mm}^2$

S (mm)	(t/m)	T (mm)	(t/m)	2S (mm)
0,6	15	3,0	35	1,2
0,8	20	3,0	50	1,6
1,0	25	3,5	60	2,0
1,25	26	3,5	80	2,5
1,5	38	4,6	95	3,0
2,0	50	5,5	130	4,0



### VIDEO

UKB-Flattening tools

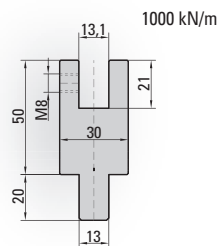


## Die heightenings

**60.960**

**24h**

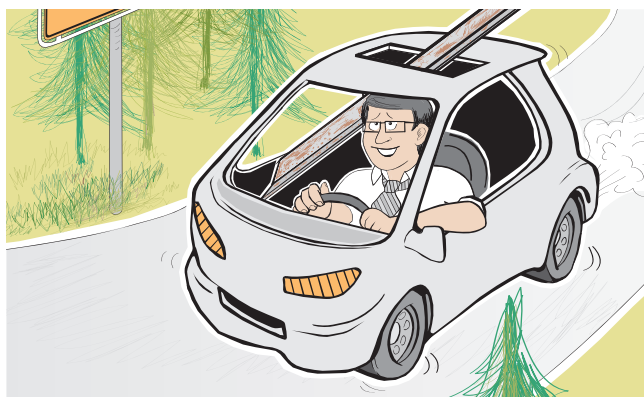
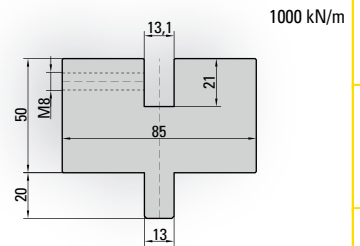
500 mm P.O.A. 5,8 kg



**60.965**

**24h**

500 mm P.O.A. 16,6 kg



### LPT-FIELD SERVICE

- ▶ Individual advice and sale
- ▶ Technical solutions for special bending tasks
- ▶ Test bending on-site
- ▶ Tool demonstrations
- ▶ Pick up service for tools to rework



# PRESS BRAKE TOOLS

## UKB-SYSTEM WILA

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<b>Dies</b>	
86° Dies H = 55 mm . . . . .	93
80° Dies H = 55/65 mm . . . . .	94
30° Dies H = 55 mm . . . . .	95

FOLLOW US!

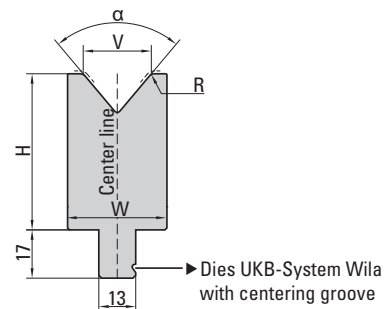
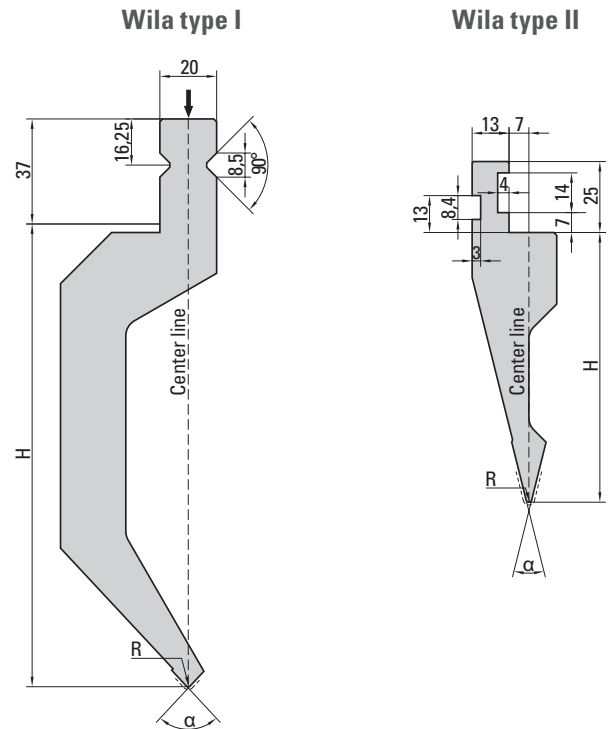




03

## Quality and precision

- ▶ Optimum materials
  - 42 CrMo4, tempered to 1100 – 1200 N/mm<sup>2</sup>
  - C45, tempered to 800 – 850 N/mm<sup>2</sup>
  - C45, 650 – 800 N/mm<sup>2</sup>
- ▶ Bending radius/intake radii hardened up to 52 – 55 HRC
- ▶ Precision ground
- ▶ Guaranteed exchangeability and parallelism
- ▶ Punch/top tool clampings Wila type I in two different models
  - Simple Clamp at segments < 12,5 kg
  - Safety pin at segments > 12,5 kg
- ▶ Punch/top tool clampings Wila type I
  - Self centering
  - Usable on both sides
- ▶ Tool marking with all technical information



**VIDEO**  
UKB-Press brake tool systems

## LPT-ADVANTAGES

- ▶ **Office hours:** From Monday to Friday from 8:00am to 6:00pm
- ▶ **Dispatch time:** Press brake tools UKB-System Wila in **24 h**
- ▶ **Shipping:** Orders placed before 2:00pm on the same working day
- ▶ **Delivery service:**
  - Standard: 2 days typical by courier  
4 days typical (larger shipments over 40 kg)
  - Express service: According agreement
- ▶ **Package:** Ecologically sensitive and safe - with self recycled packing material
- ▶ **Payment options:** 30 days invoice

**VIDEO**  
UKB-Image

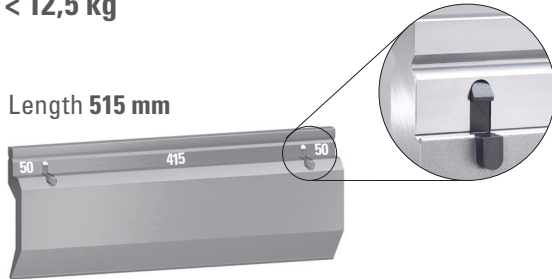


## Tool lengths

### PUNCHES/TOP TOOLS

**WITH SIMPLE CLAMP**  
**< 12,5 kg**

Length **515 mm**



Length **300 mm**



Length **200 mm**

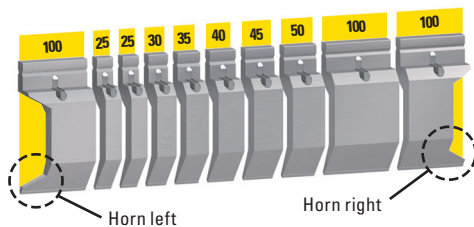


Length **100 mm**



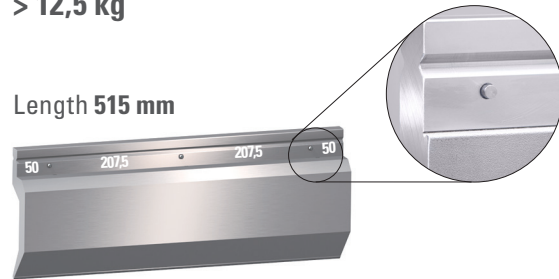
Length **550 mm sectionalized**

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



**WITH SAFETY PINS**  
**> 12,5 kg**

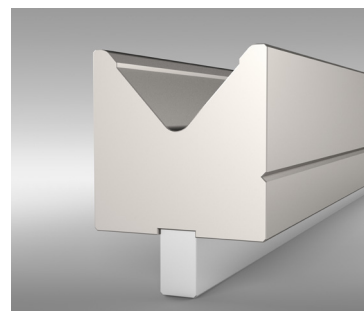
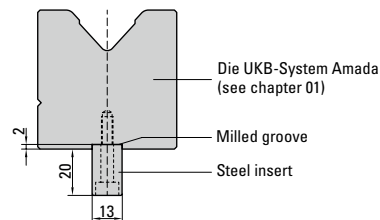
Length **515 mm**



Length **300 mm**



### MODIFICATION DIES UKB-SYSTEM AMADA



### DIES

Length **515 mm**



Length **300 mm**



Length **200 mm**



Length **100 mm**



Length **550 mm sectionalized**

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



**VIDEO**

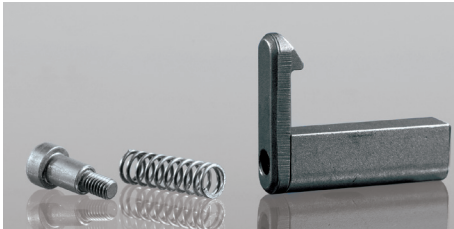
UKB-Modification of  
 press brake tools



## Simple Clamp

### ADVANTAGES

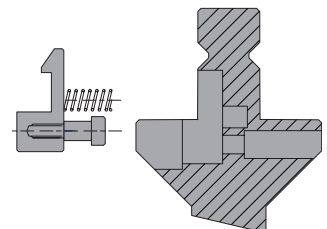
- ▶ Vertical tool change for segments up to 12,5 kg
- ▶ Less set-up time
- ▶ Easy handling



Set consists of screw, spring and Simple Clamp

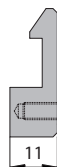


Vertical tool change



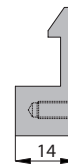
<b>70.714</b>	<b>24h</b>
Set	P.O.A. 0,012 kg

Suitable for punches/top tools  
19.034 / 19.024



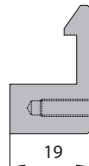
<b>70.715</b>	<b>24h</b>
Set	P.O.A. 0,014 kg

Suitable for punches/top tools  
19.031 / 19.021 / 19.224



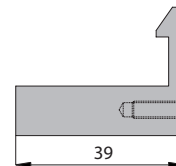
<b>70.716</b>	<b>24h</b>
Set	P.O.A. 0,016 kg

Suitable for punches/top tools  
19.032 / 19.022



<b>70.718</b>	<b>24h</b>
Set	P.O.A. 0,027 kg

Suitable for punches/top tools  
19.033 / 19.233 / 19.023 / 19.226



## Safety pins

### ADVANTAGES

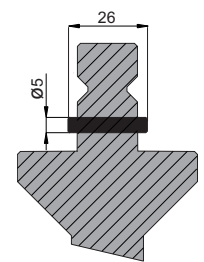
- ▶ Horizontal tool change for segments more than 12,5 kg
- ▶ Favorable purchase price (in comparison with Simple Clamp)
- ▶ Hardened Safety pins on demand



Safety pins



Horizontal tool change



<b>70.130</b>	<b>24h</b>
10 Pieces	P.O.A. 0,16 kg

Hardened

<b>70.140</b>	<b>24h</b>
10 Pieces	P.O.A. 0,16 kg

Not hardened

## Flexible modification

### PUNCHES/TOP TOOLS

- ▶ Special cuttings
- ▶ Individual horn extensions
- ▶ Insertion of Simple Clamp
- ▶ Insertion of Safety pins
- ▶ Laser marking

### VIDEO

UKB-Modification of press brake tools



03



### DIES

- ▶ Special cuttings
- ▶ Laser marking



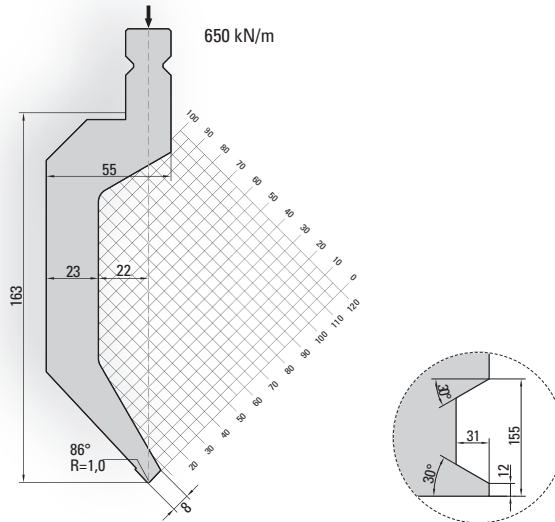


## Punches/top tools Wila type I H = 163 mm

### 19.023 24h

Safety pins		
515 mm	P.O.A.	19,1 kg

Simple Clamp		
300 mm	P.O.A.	11,1 kg
200 mm	P.O.A.	7,4 kg
100 mm	P.O.A.	3,7 kg
550 mm sectionalized	P.O.A.	20,4 kg



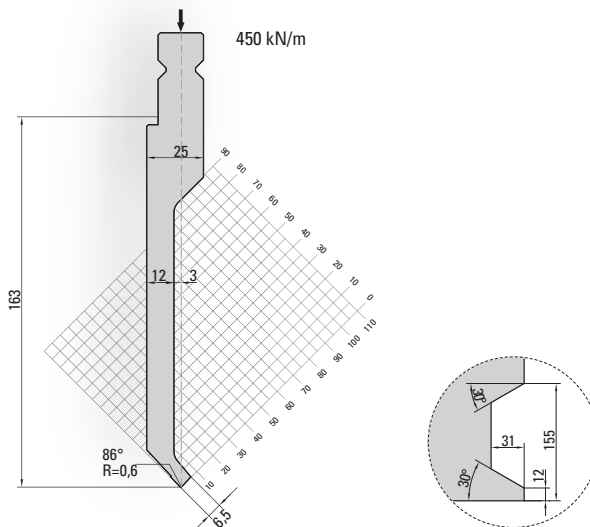
### Further radii

R (mm)	H (mm)
0,5	162,8
2,0	162,2
2,5	162,0
3,0	161,7
4,0	161,3
5,0	160,8
6,0	160,3

Prices and other radii on demand  
Delivery time 1-3 working days

### 19.224 24h

Simple Clamp		
515 mm	P.O.A.	12,2 kg
300 mm	P.O.A.	7,1 kg
200 mm	P.O.A.	4,7 kg
100 mm	P.O.A.	2,4 kg
550 mm sectionalized	P.O.A.	13,0 kg



### Further radii

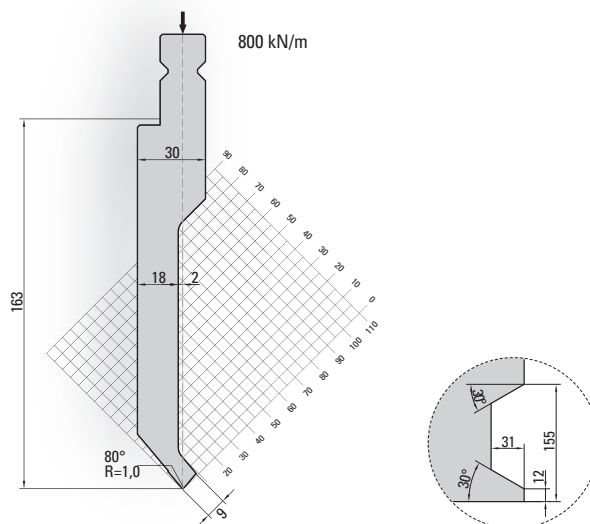
R (mm)	H (mm)
1,0	162,4
2,0	162,0
2,5	161,7
3,0	161,5
4,0	161,0
5,0	160,6

Prices and other radii on demand  
Delivery time 1-3 working days

### 19.022 24h

Safety pins		
515 mm	P.O.A.	16,0 kg

Simple Clamp		
300 mm	P.O.A.	9,3 kg
200 mm	P.O.A.	6,2 kg
100 mm	P.O.A.	3,1 kg
550 mm sectionalized	P.O.A.	17,1 kg



### Further radii

R (mm)	H (mm)
0,5	162,8
2,0	162,2
2,5	161,9
3,0	161,6
4,0	161,1
5,0	160,5
6,0	160,0

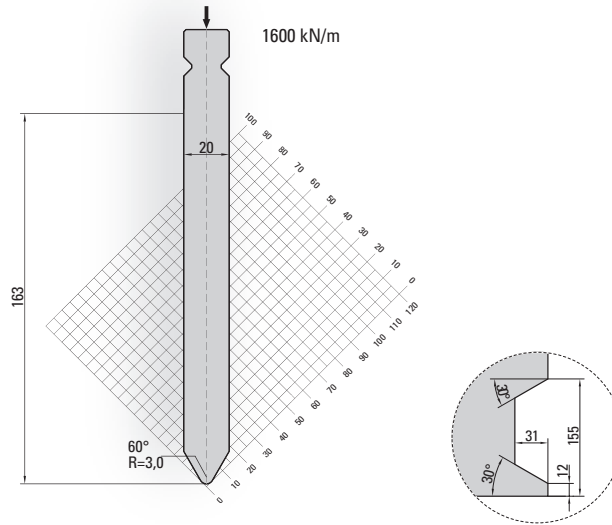
Prices and other radii on demand  
Delivery time 1-3 working days

## Punches/top tools Wila type I H = 163 mm

### 19.024 24h

Safety pins		
515 mm	P.O.A.	16,0 kg

Simple Clamp		
300 mm	P.O.A.	9,3 kg
200 mm	P.O.A.	6,2 kg
100 mm	P.O.A.	3,1 kg
550 mm sectionalized	P.O.A.	17,1 kg



### Further radii

R (mm)	H (mm)
1,0	162,8
2,0	162,8
2,5	162,8
4,0	161,6
5,0	160,6
6,0	159,6

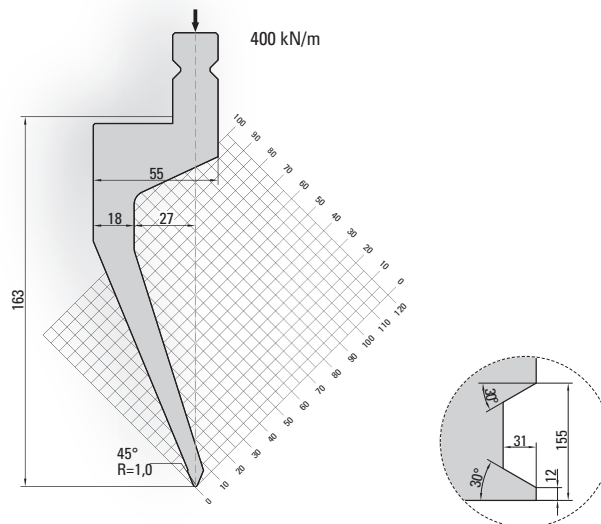
Prices and other radii on demand  
**Delivery time 1-3 working days**

03

### 19.226 24h

Safety pins		
515 mm	P.O.A.	15,5 kg

Simple Clamp		
300 mm	P.O.A.	9,0 kg
200 mm	P.O.A.	6,0 kg
100 mm	P.O.A.	3,0 kg
550 mm sectionalized	P.O.A.	16,5 kg



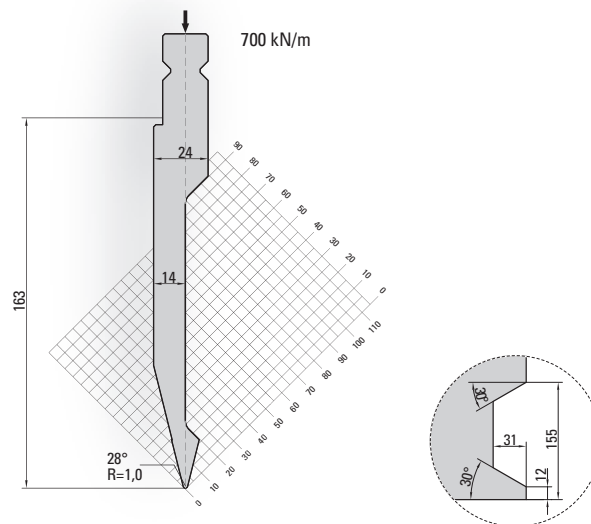
### Further radii

R (mm)	H (mm)
0,5	162,8
2,0	160,8
2,5	159,2

Prices and other radii on demand  
**Delivery time 1-3 working days**

### 19.021 24h

Simple Clamp		
515 mm	P.O.A.	12,4 kg
300 mm	P.O.A.	7,2 kg
200 mm	P.O.A.	4,8 kg
100 mm	P.O.A.	2,4 kg
550 mm sectionalized	P.O.A.	13,2 kg



### Further radii

R (mm)	H (mm)
0,5	162,8
2,0	159,0
2,5	157,4
3,0	155,8
4,0	152,8

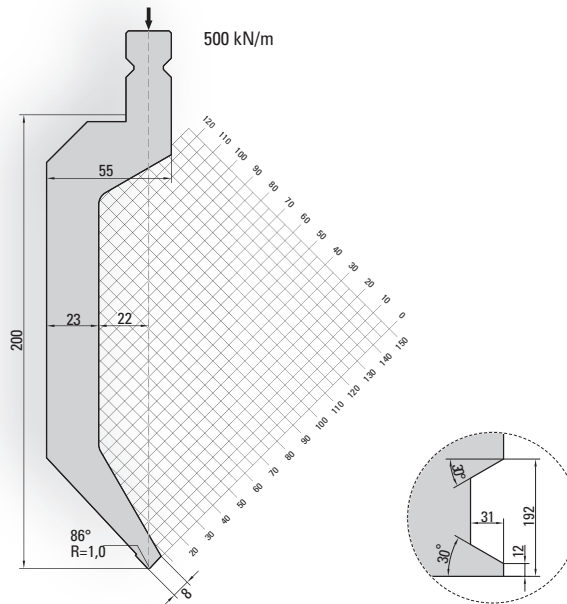
Prices and other radii on demand  
**Delivery time 1-3 working days**

## Punches/top tools Wila type I H = 200 mm

### 19.033 24h

Safety pins		
515 mm	P.O.A.	22,7 kg
300 mm	P.O.A.	13,2 kg

Simple Clamp		
200 mm	P.O.A.	8,8 kg
100 mm	P.O.A.	4,4 kg
550 mm sectionalized	P.O.A.	24,2 kg



### Further radii

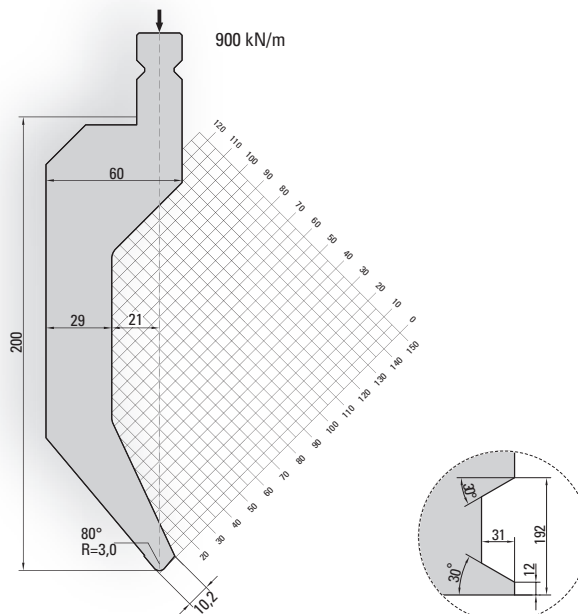
R (mm)	H (mm)
0,5	199,8
2,0	199,2
2,5	199,0
3,0	198,7
4,0	198,3
5,0	197,8
6,0	197,3

Prices and other radii on demand  
Delivery time 1-3 working days

### 19.233 24h

Safety pins		
515 mm	P.O.A.	28,9 kg
300 mm	P.O.A.	16,8 kg

Simple Clamp		
200 mm	P.O.A.	11,2 kg
100 mm	P.O.A.	5,6 kg
550 mm sectionalized	P.O.A.	30,9 kg



### Further radii

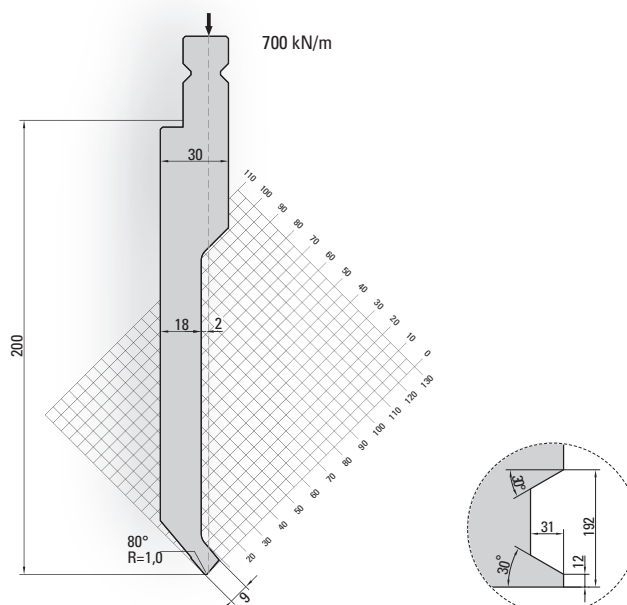
R (mm)	H (mm)
2,0	199,8
2,5	199,8
4,0	199,1
5,0	198,5
6,0	198,0

Prices and other radii on demand  
Delivery time 1-3 working days

### 19.032 24h

Safety pins		
515 mm	P.O.A.	19,6 kg

Simple Clamp		
300 mm	P.O.A.	11,4 kg
200 mm	P.O.A.	7,6 kg
100 mm	P.O.A.	3,8 kg
550 mm sectionalized	P.O.A.	20,9 kg



### Further radii

R (mm)	H (mm)
0,5	199,8
2,0	199,2
2,5	198,9
3,0	198,6
4,0	198,1
5,0	197,5
6,0	197,0

Prices and other radii on demand  
Delivery time 1-3 working days

## Punches/top tools Wila type I H = 200 mm

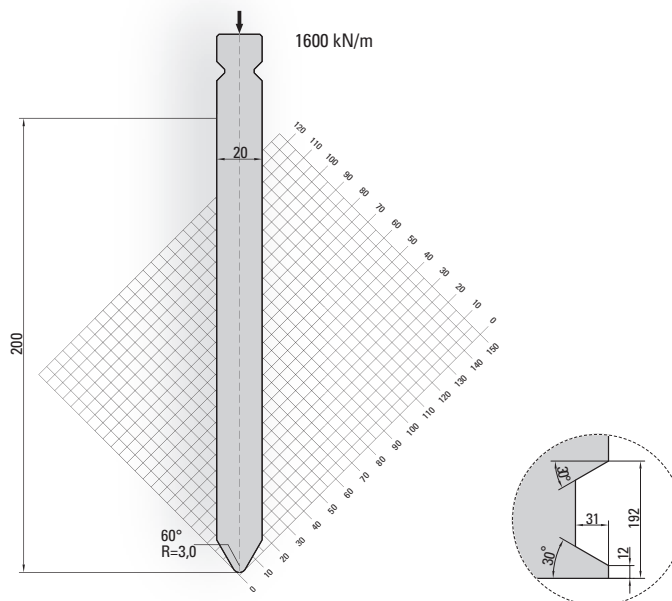
### 19.034 24h

Safety pins

515 mm	P.O.A.	19,0 kg
--------	--------	---------

Simple Clamp

300 mm	P.O.A.	11,1 kg
200 mm	P.O.A.	7,4 kg
100 mm	P.O.A.	3,7 kg
550 mm sectionalized	P.O.A.	20,4 kg



#### Further radii

R (mm)	H (mm)
1,0	199,8
2,0	199,8
2,5	199,8
4,0	198,6
5,0	197,6
6,0	196,6

Prices and other radii on demand  
Delivery time 1-3 working days

03

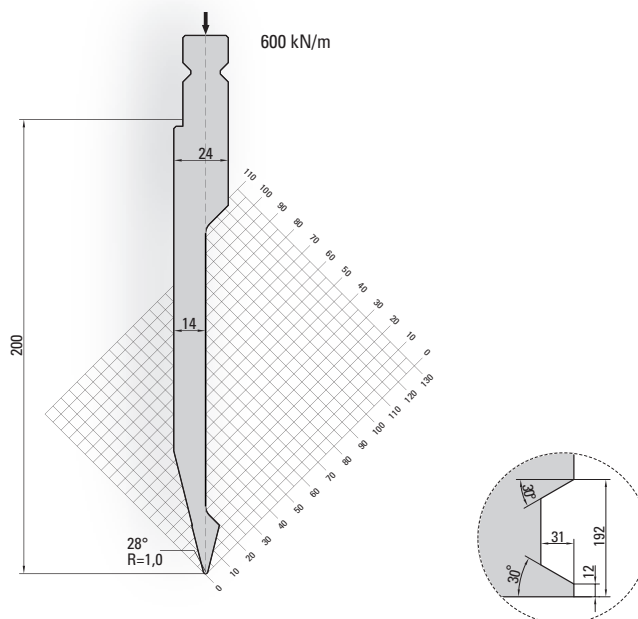
### 19.031 24h

Safety pins

515 mm	P.O.A.	15,0 kg
--------	--------	---------

Simple Clamp

300 mm	P.O.A.	8,7 kg
200 mm	P.O.A.	5,8 kg
100 mm	P.O.A.	2,9 kg
550 mm sectionalized	P.O.A.	16,0 kg

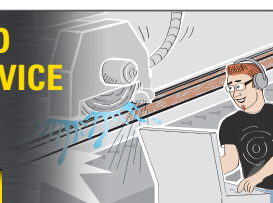


#### Further radii

R (mm)	H (mm)
0,5	199,8
2,0	196,0
2,5	194,4
3,0	192,8
4,0	189,8

Prices and other radii on demand  
Delivery time 1-3 working days

### UKB-REPAIR- AND REGRINDING SERVICE



www.lptooling.co.uk

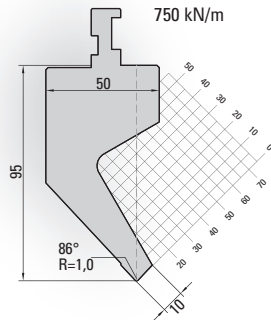
### LPT-INFO

Punches/top tools UKB-System Trumpf (chapter 02) and UKB-System LVD type I (chapter 04) can also be used as punches/top tools UKB-System Wila type I!

## Punches/top tools Wila type II H = 95/175 mm

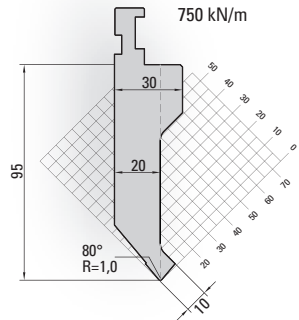
**14.040** **24h**

500 mm	P.O.A.	12,5 kg
300 mm	P.O.A.	7,5 kg
200 mm	P.O.A.	5,0 kg
100 mm	P.O.A.	2,5 kg
550 mm sectionalized	P.O.A.	13,8 kg



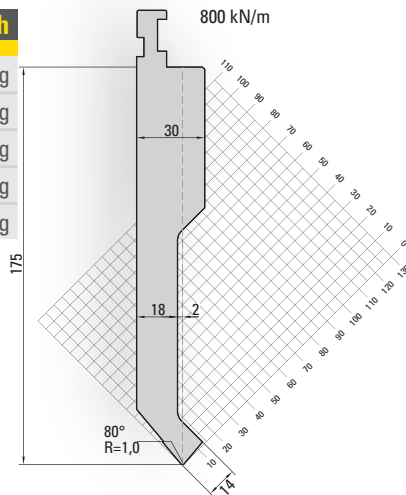
**14.020** **24h**

500 mm	P.O.A.	9,0 kg
300 mm	P.O.A.	5,4 kg
200 mm	P.O.A.	3,6 kg
100 mm	P.O.A.	1,8 kg
550 mm sectionalized	P.O.A.	9,9 kg



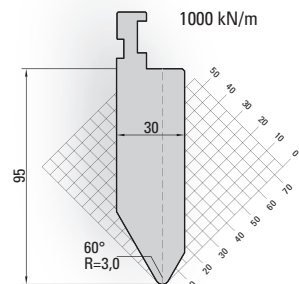
**14.060** **24h**

500 mm	P.O.A.	17,0 kg
300 mm	P.O.A.	10,2 kg
200 mm	P.O.A.	6,8 kg
100 mm	P.O.A.	3,4 kg
550 mm sectionalized	P.O.A.	18,7 kg



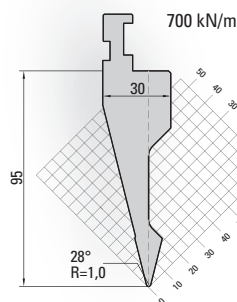
**14.010** **24h**

500 mm	P.O.A.	11,0 kg
300 mm	P.O.A.	6,6 kg
200 mm	P.O.A.	4,4 kg
100 mm	P.O.A.	2,2 kg
550 mm sectionalized	P.O.A.	12,1 kg



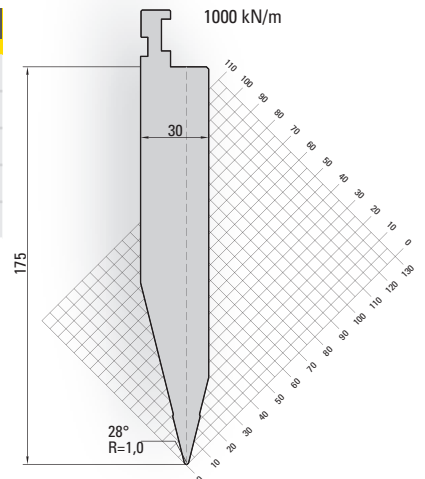
**14.030** **24h**

500 mm	P.O.A.	7,0 kg
300 mm	P.O.A.	4,2 kg
200 mm	P.O.A.	2,8 kg
100 mm	P.O.A.	1,4 kg
550 mm sectionalized	P.O.A.	7,7 kg

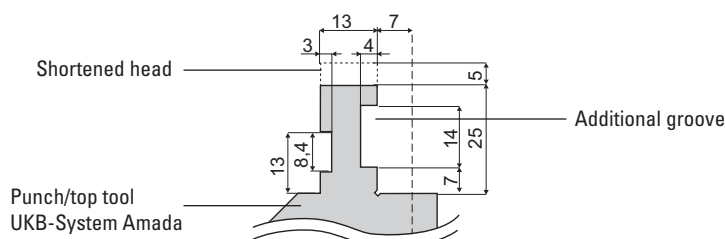


**14.050** **24h**

500 mm	P.O.A.	18,0 kg
300 mm	P.O.A.	10,8 kg
200 mm	P.O.A.	7,2 kg
100 mm	P.O.A.	3,6 kg
550 mm sectionalized	P.O.A.	19,8 kg



### MODIFICATION PUNCHES/TOP TOOLS UKB-SYSTEM AMADA



### VIDEO

UKB-Modification of press brake tools

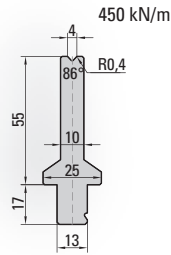




## 86° Dies H = 55 mm

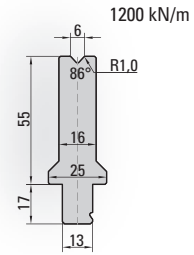
### 29.524 24h

515 mm	P.O.A.	3,6 kg
300 mm	P.O.A.	2,1 kg
200 mm	P.O.A.	1,4 kg
100 mm	P.O.A.	0,7 kg
550 mm sectionalized	P.O.A.	3,9 kg



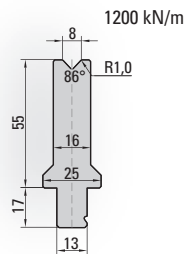
### 29.521 24h

515 mm	P.O.A.	4,6 kg
300 mm	P.O.A.	2,7 kg
200 mm	P.O.A.	1,8 kg
100 mm	P.O.A.	0,9 kg
550 mm sectionalized	P.O.A.	5,0 kg



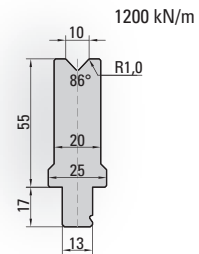
### 29.510 24h

515 mm	P.O.A.	4,6 kg
300 mm	P.O.A.	2,7kg
200 mm	P.O.A.	1,8 kg
100 mm	P.O.A.	0,9 kg
550 mm sectionalized	P.O.A.	5,0 kg



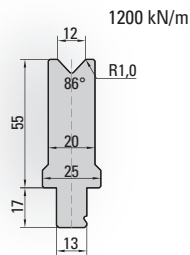
### 29.522 24h

515 mm	P.O.A.	5,7 kg
300 mm	P.O.A.	3,3 kg
200 mm	P.O.A.	2,2 kg
100 mm	P.O.A.	1,1 kg
550 mm sectionalized	P.O.A.	6,0 kg



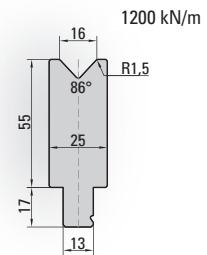
### 29.511 24h

515 mm	P.O.A.	5,2 kg
300 mm	P.O.A.	3,0 kg
200 mm	P.O.A.	2,0 kg
100 mm	P.O.A.	1,0 kg
550 mm sectionalized	P.O.A.	5,5 kg



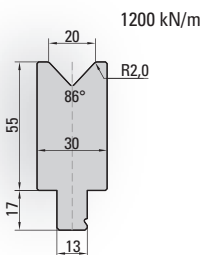
### 29.512 24h

515 mm	P.O.A.	6,2 kg
300 mm	P.O.A.	3,6 kg
200 mm	P.O.A.	2,4 kg
100 mm	P.O.A.	1,2 kg
550 mm sectionalized	P.O.A.	6,6 kg



### 29.523 24h

515 mm	P.O.A.	7,2 kg
300 mm	P.O.A.	4,2 kg
200 mm	P.O.A.	2,8 kg
100 mm	P.O.A.	1,4 kg
550 mm sectionalized	P.O.A.	7,7 kg

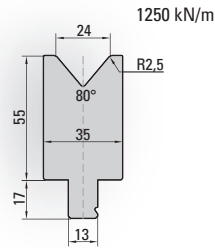


### LPT-INFO

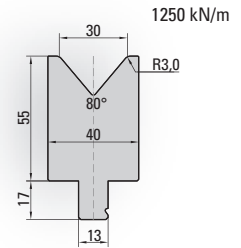
More dies height 55 mm see UKB-System Bystronic (chapter 05)!

## 80° Dies H = 55/65 mm

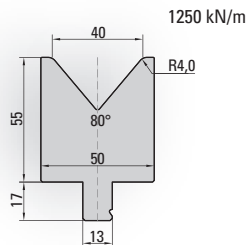
29.513		24h
515 mm	P.O.A.	8,2 kg
300 mm	P.O.A.	4,8 kg
200 mm	P.O.A.	3,2 kg
100 mm	P.O.A.	1,6 kg
550 mm sectionalized	P.O.A.	8,8 kg



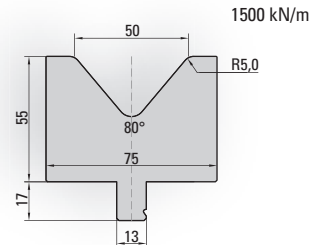
29.514		24h
515 mm	P.O.A.	8,8 kg
300 mm	P.O.A.	5,1 kg
200 mm	P.O.A.	3,4 kg
100 mm	P.O.A.	1,7 kg
550 mm sectionalized	P.O.A.	9,3 kg



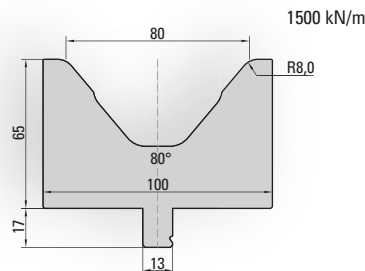
29.515		24h
515 mm	P.O.A.	10,3 kg
300 mm	P.O.A.	6,0 kg
200 mm	P.O.A.	4,0 kg
100 mm	P.O.A.	2,0 kg
550 mm sectionalized	P.O.A.	11,0 kg



29.535		24h
515 mm	P.O.A.	14,9 kg
300 mm	P.O.A.	8,7 kg
200 mm	P.O.A.	5,8 kg
100 mm	P.O.A.	2,9 kg
550 mm sectionalized	P.O.A.	15,9 kg

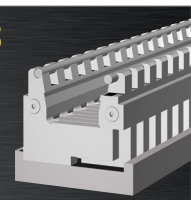


29.517		24h
515 mm	P.O.A.	19,6 kg
300 mm	P.O.A.	11,4 kg
200 mm	P.O.A.	7,6 kg
100 mm	P.O.A.	3,8 kg
550 mm sectionalized	P.O.A.	20,9 kg



### UKB-ADJUSTABLE DIES

see chapter 10



## WWW.LPTOOLING.CO.UK

**LPT-Catalogue** > View and download pdf version

**Tool dxf's** > Download tool profile dxf's

**Innovations** > Always the latest news

**Product information** > All UKB-Products at a glance

**Downloads** > Information for you

**Video-channel** > A closer look into the company and interesting product videos

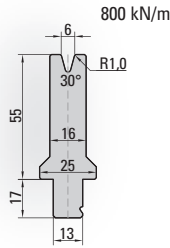


## 30° Dies H = 55 mm

### 29.561 24h

515 mm	P.O.A.	4,6 kg
300 mm	P.O.A.	2,7 kg
200 mm	P.O.A.	1,8 kg
100 mm	P.O.A.	0,9 kg
550 mm sectionalized	P.O.A.	5,0 kg

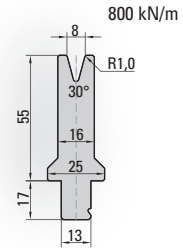
Max. load for 90° bending



### 29.551 24h

515 mm	P.O.A.	4,6 kg
300 mm	P.O.A.	2,7 kg
200 mm	P.O.A.	1,8 kg
100 mm	P.O.A.	0,9 kg
550 mm sectionalized	P.O.A.	5,0 kg

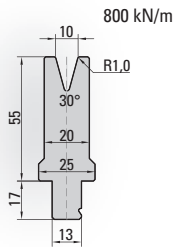
Max. load for 90° bending



### 29.562 24h

515 mm	P.O.A.	5,2 kg
300 mm	P.O.A.	3,0 kg
200 mm	P.O.A.	2,0 kg
100 mm	P.O.A.	1,0 kg
550 mm sectionalized	P.O.A.	5,5 kg

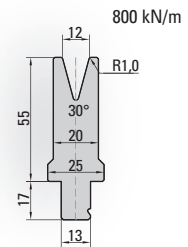
Max. load for 90° bending



### 29.552 24h

515 mm	P.O.A.	5,2 kg
300 mm	P.O.A.	3,0 kg
200 mm	P.O.A.	2,0 kg
100 mm	P.O.A.	1,0 kg
550 mm sectionalized	P.O.A.	5,5 kg

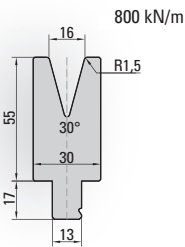
Max. load for 90° bending



### 29.553 24h

515 mm	P.O.A.	6,7 kg
300 mm	P.O.A.	3,9 kg
200 mm	P.O.A.	2,6 kg
100 mm	P.O.A.	1,3 kg
550 mm sectionalized	P.O.A.	7,2 kg

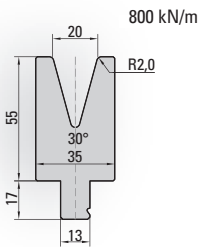
Max. load for 90° bending



### 29.563 24h

515 mm	P.O.A.	7,2 kg
300 mm	P.O.A.	4,2 kg
200 mm	P.O.A.	2,8 kg
100 mm	P.O.A.	1,4 kg
550 mm sectionalized	P.O.A.	7,7 kg

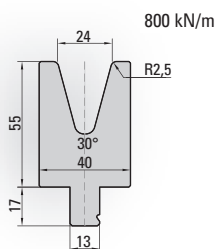
Max. load for 90° bending



### 29.554 24h

515 mm	P.O.A.	7,7 kg
300 mm	P.O.A.	4,5 kg
200 mm	P.O.A.	3,0 kg
100 mm	P.O.A.	1,5 kg
550 mm sectionalized	P.O.A.	8,3 kg

Max. load for 90° bending



# PRESS BRAKE TOOLS

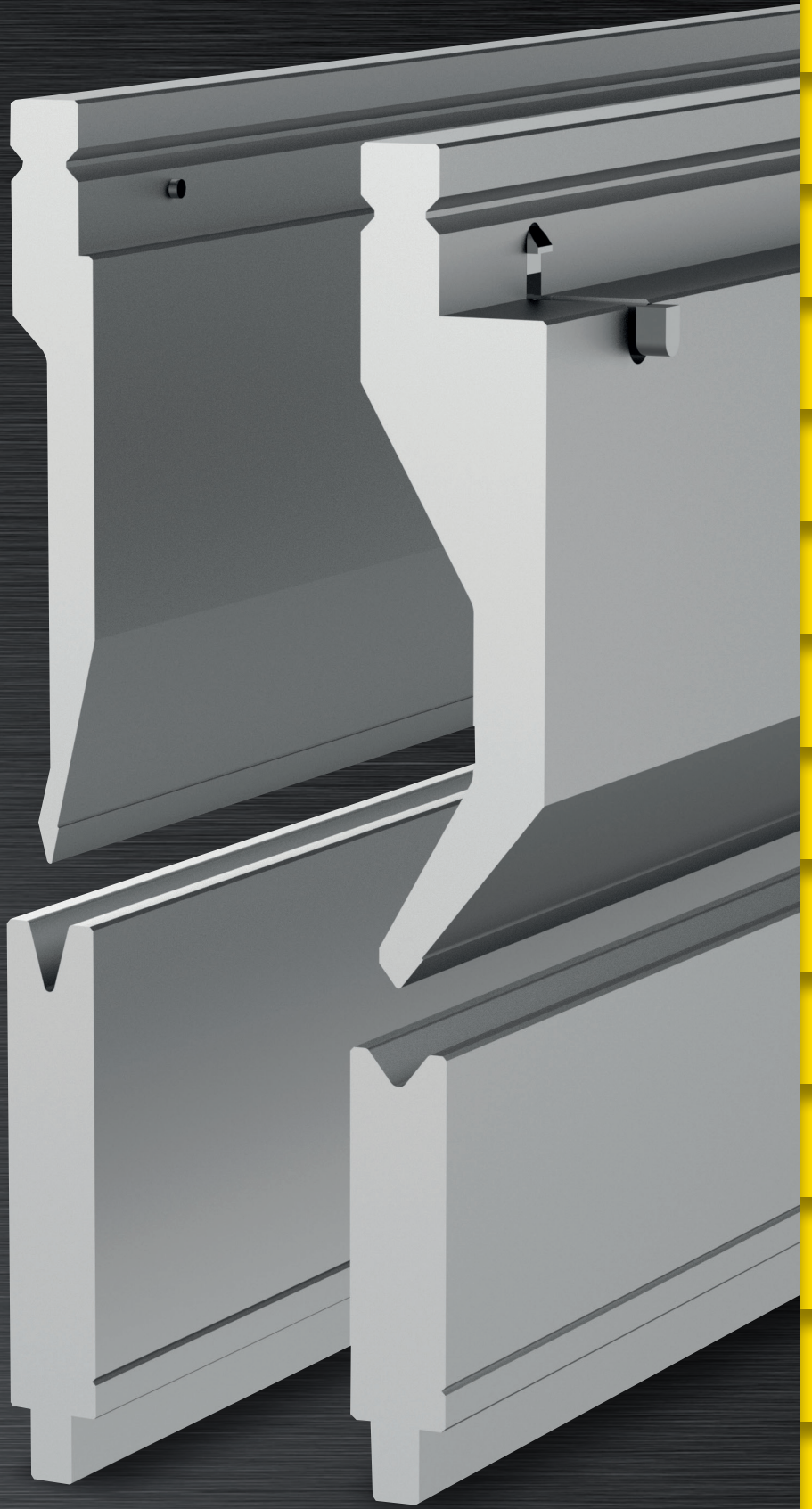
## UKB-SYSTEM LVD

Explanation .....	98 – 99
<b>Punches/top tools</b>	
Simple Clamp .....	100
Safety pins .....	100
Punches/top tools LVD type I H = 159 mm .....	101
Punches/top tools LVD type I H = 194 mm .....	102
Punches/top tools LVD type II H = 180 mm .....	103
<b>Dies</b>	
78° Dies H = 90 mm .....	104 – 105
30° Dies H = 90 mm .....	105 – 106
78° Dies H = 130 mm .....	107 – 108
30° Dies H = 130 mm .....	108 – 109

FOLLOW US!







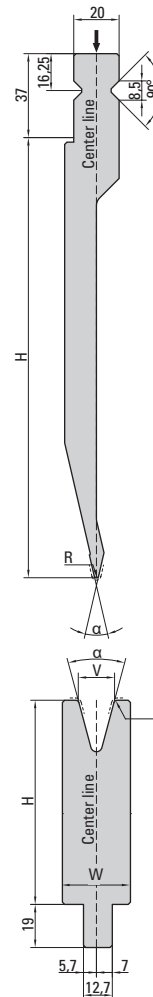
04



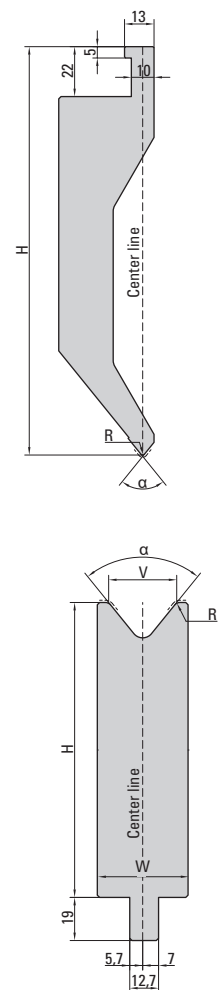
## Quality and precision

- ▶ Optimum materials
  - 42 CrMo4, tempered to 1100 – 1200 N/mm<sup>2</sup>
  - C45, tempered to 800 – 850 N/mm<sup>2</sup>
  - C45, 650 – 800 N/mm<sup>2</sup>
- ▶ Bending radius/intake radii hardened up to 52 – 55 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

LVD type I



LVD type II



### VIDEO

UKB-Press brake tool systems



## LPT-ADVANTAGES

- ▶ **Office hours:** From Monday to Friday from 8:00am to 6:00pm
- ▶ **Dispatch time:** Press brake tools UKB-System LVD in **24 h**
- ▶ **Shipping:** Orders placed before 2:00pm on the same working day
- ▶ **Delivery service:**
  - Standard: 2 days typical by courier  
4 days typical (larger shipments over 40 kg)
  - Express service: According agreement
- ▶ **Package:** Ecologically sensitive and safe - with self recycled packing material
- ▶ **Payment options:** 30 days invoice

### VIDEO

UKB-Image

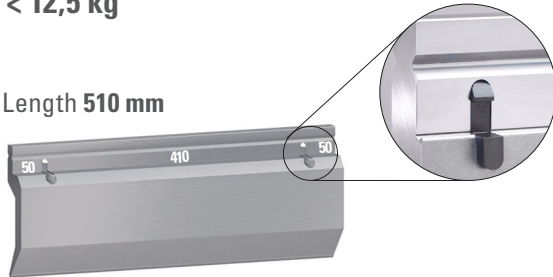


## Tool lengths

### PUNCHES/TOP TOOLS LVD TYPE I

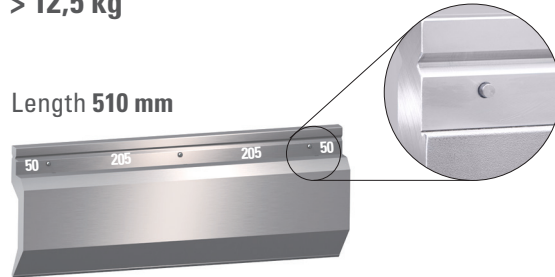
**WITH SIMPLE CLAMP**  
**< 12,5 kg**

Length **510 mm**



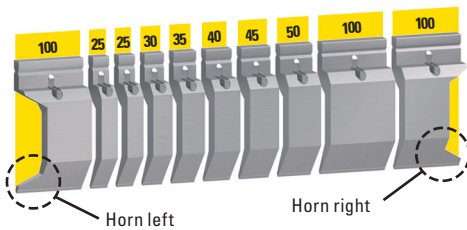
**WITH SAFETY PINS**  
**> 12,5 kg**

Length **510 mm**

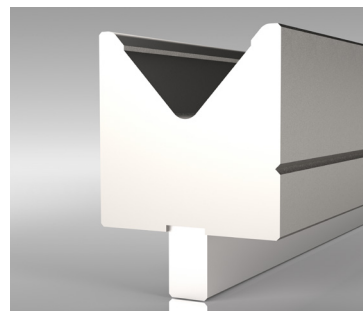
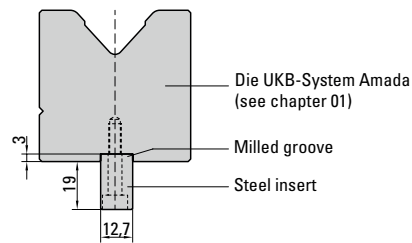


Length **550mm sectionalized**

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



### MODIFICATION DIES UKB-SYSTEM AMADA



### VIDEO

UKB-Modification of press brake tools



### LPT-INFO

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

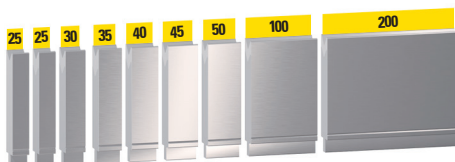
### DIES

Length **510 mm**



Length **550mm sectionalized**

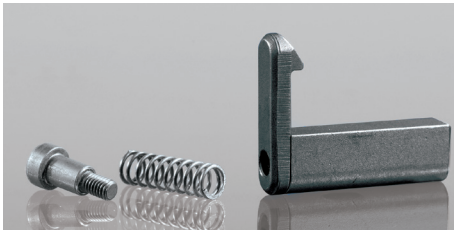
- ▶ Sectionalized dies are delivered as a complete set
- ▶ 9 Segments



## Simple Clamp

### ADVANTAGES

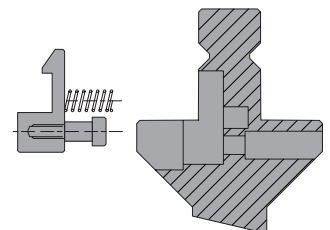
- ▶ Vertical tool change for segments up to 12,5 kg
- ▶ Less set-up time
- ▶ Easy handling



Set consists of screw, spring and Simple Clamp



Vertical tool change



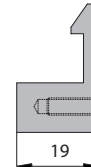
<b>70.714</b>	<b>24h</b>
Set	P.O.A. 0,012 kg

Suitable for punches/top tools  
16.204 / 16.209



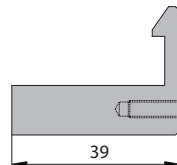
<b>70.716</b>	<b>24h</b>
Set	P.O.A. 0,016 kg

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



<b>70.718</b>	<b>24h</b>
Set	P.O.A. 0,027 kg

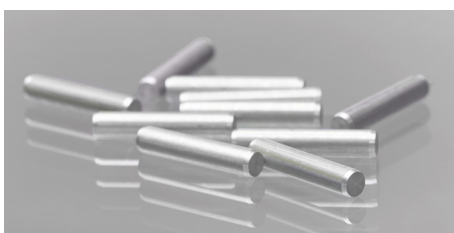
Suitable for punches/top tools  
16.200 / 16.205



## Safety pins

### ADVANTAGES

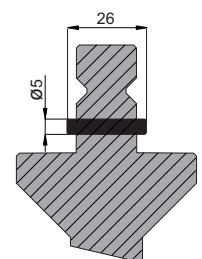
- ▶ Horizontal tool change for segments more than 12,5 kg
- ▶ Favorable purchase price (in comparison with Simple Clamp)
- ▶ Hardened Safety pins on demand



Safety pins



Horizontal tool change



<b>70.130</b>	<b>24h</b>
10 pieces	P.O.A. 0,16 kg
Hardened	

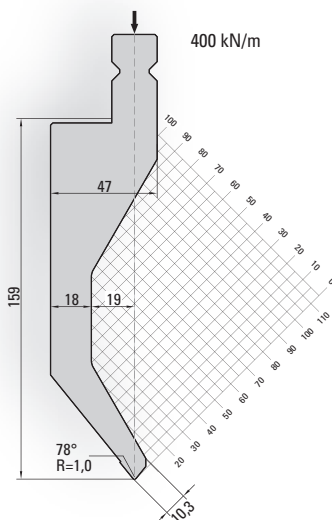
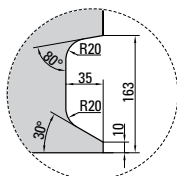
<b>70.140</b>	<b>24h</b>
10 pieces	P.O.A. 0,16 kg
Not hardened	

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

### 16.200 24h

Safety pins		
510 mm	P.O.A.	19,0 kg

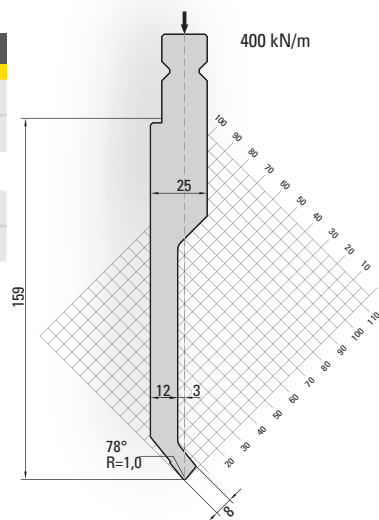
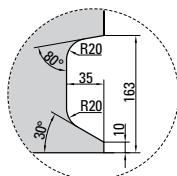
Simple Clamp		
550 mm sectionalized	P.O.A.	20,6 kg



### 16.201 24h

Safety pins		
510 mm	P.O.A.	15,1 kg

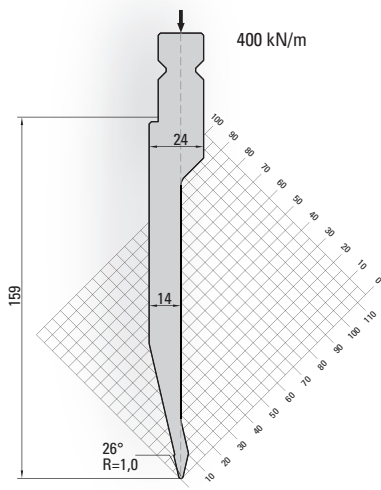
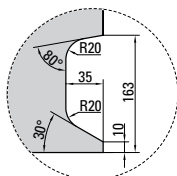
Simple Clamp		
550 mm sectionalized	P.O.A.	16,3 kg



### 16.202 24h

Simple Clamp		
510 mm	P.O.A.	11,5 kg

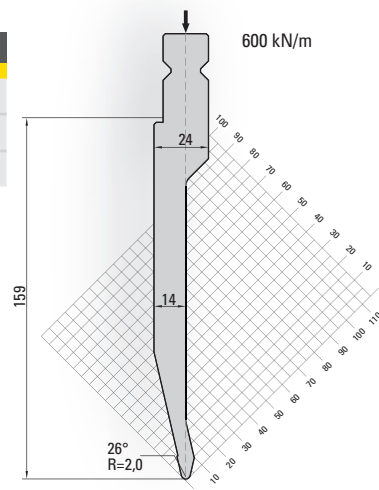
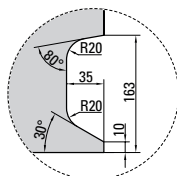
550 mm sectionalized	P.O.A.	12,4 kg
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### 16.203 24h

Simple Clamp		
510 mm	P.O.A.	11,6 kg

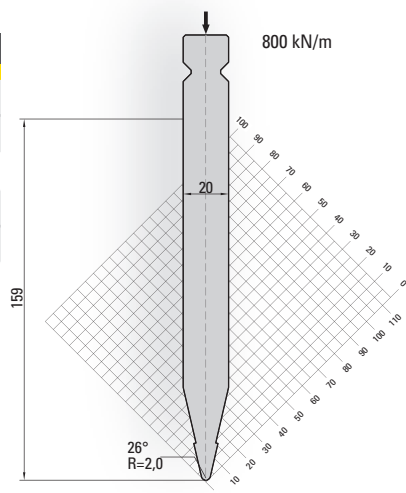
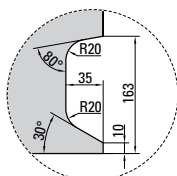
550 mm sectionalized	P.O.A.	12,5 kg
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### 16.204 24h

Safety pins		
510 mm	P.O.A.	14,1 kg

Simple Clamp		
550 mm sectionalized	P.O.A.	15,2 kg



### LPT-INFO

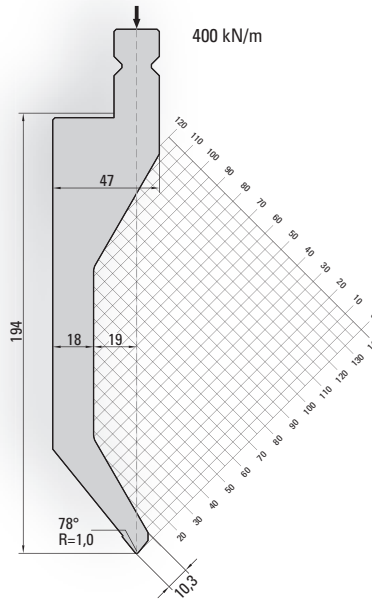
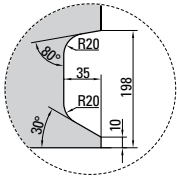
Punches/top tools UKB-System Trumpf (chapter 02) and UKB-System Wila type I (chapter 03) can also be used as punches/top tools UKB-System LVD type II!

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

### 16.205 24h

Safety pins  
510 mm P.O.A. 22,4 kg

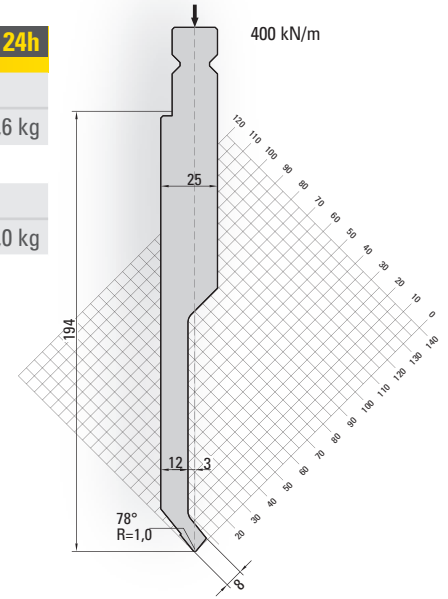
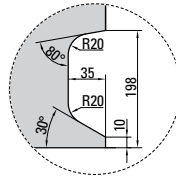
Simple Clamp  
550 mm sectionalized P.O.A. 24,2 kg



### 16.206 24h

Safety pins  
510 mm P.O.A. 18,6 kg

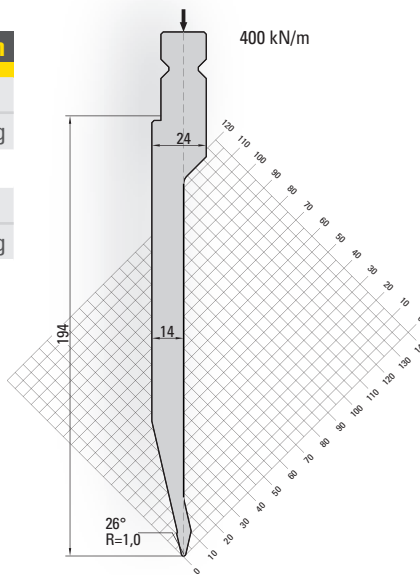
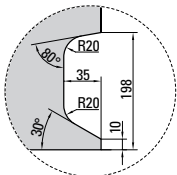
Simple Clamp  
550 mm sectionalized P.O.A. 20,0 kg



### 16.207 24h

Safety pins  
510 mm P.O.A. 13,5 kg

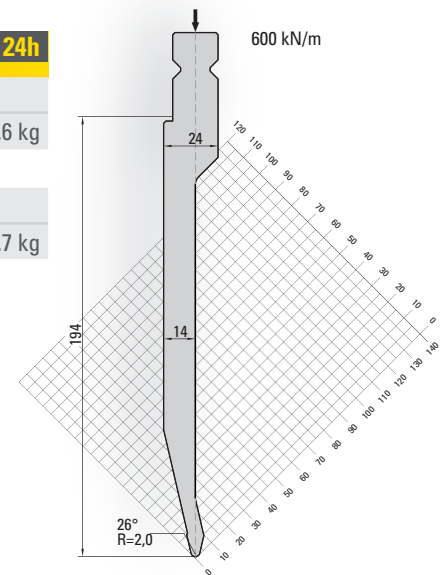
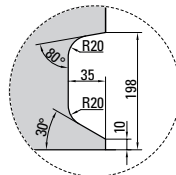
Simple Clamp  
550 mm sectionalized P.O.A. 14,6 kg



### 16.208 24h

Safety pins  
510 mm P.O.A. 13,6 kg

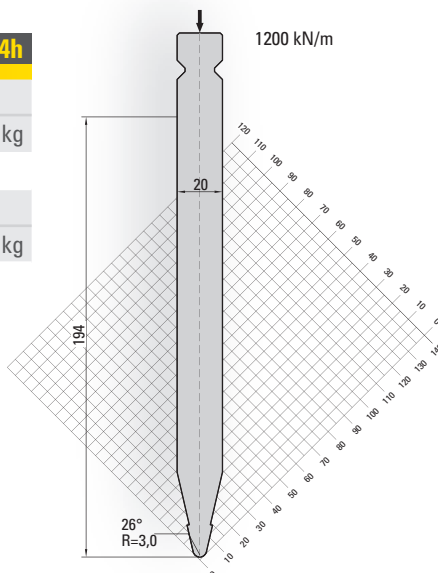
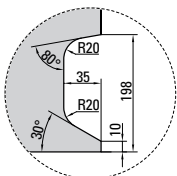
Simple Clamp  
550 mm sectionalized P.O.A. 14,7 kg



### 16.209 24h

Safety pins  
510 mm P.O.A. 17,1 kg

Simple Clamp  
550 mm sectionalized P.O.A. 18,5 kg

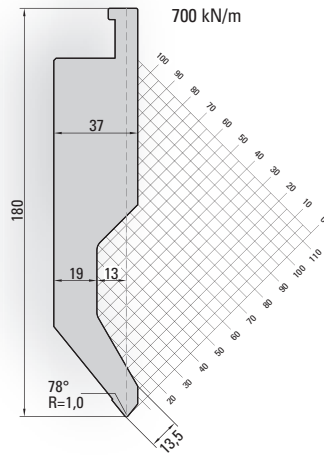
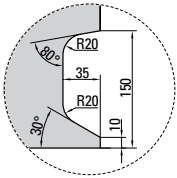




## Punches/top tools LVD type II H = 180 mm

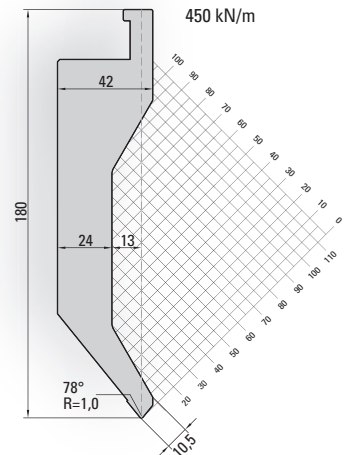
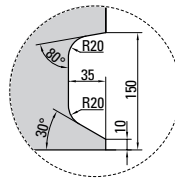
### 16.500 24h

510 mm	P.O.A.	17,7 kg
550 mm sectionalized	P.O.A.	19,2 kg



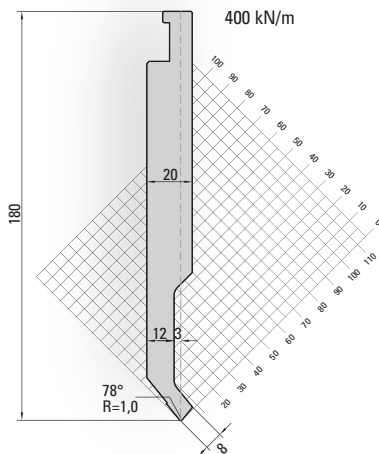
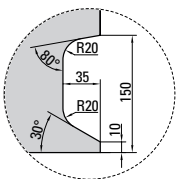
### 16.510 24h

510 mm	P.O.A.	16,8 kg
550 mm sectionalized	P.O.A.	18,2 kg



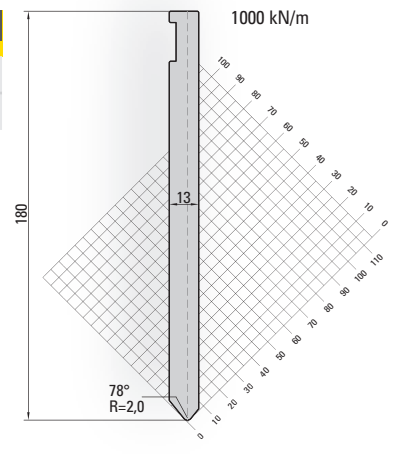
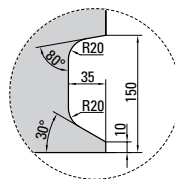
### 16.520 24h

510 mm	P.O.A.	11,5 kg
550 mm sectionalized	P.O.A.	12,4 kg



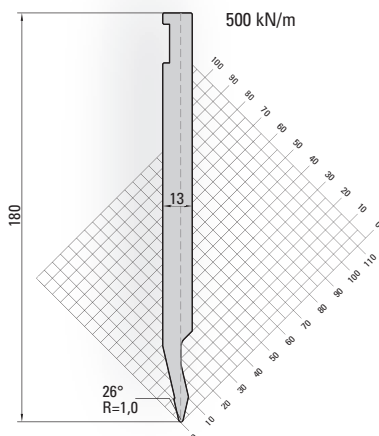
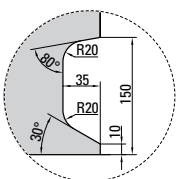
### 16.540 24h

510 mm	P.O.A.	9,1 kg
550 mm sectionalized	P.O.A.	9,8 kg



### 16.530 24h

510 mm	P.O.A.	8,0 kg
550 mm sectionalized	P.O.A.	8,7 kg



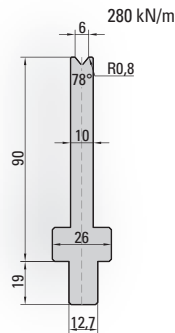
## UKB-SPECIAL TOOLS

see chapter 11

## 78° Dies H = 90 mm

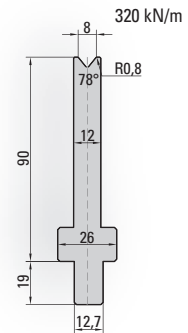
### 26.211 24h

510 mm	P.O.A.	5,4 kg
550 mm <small>sectionalized</small>	P.O.A.	5,8 kg



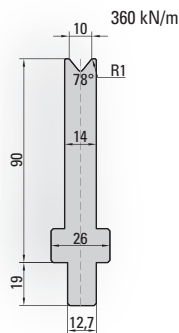
### 26.212 24h

510 mm	P.O.A.	6,0 kg
550 mm <small>sectionalized</small>	P.O.A.	6,5 kg



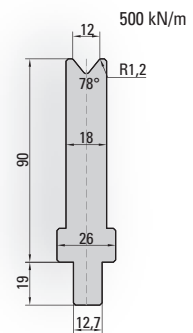
### 26.213 24h

510 mm	P.O.A.	6,5 kg
550 mm <small>sectionalized</small>	P.O.A.	7,1 kg



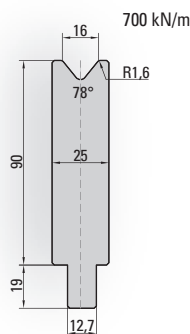
### 26.214 24h

510 mm	P.O.A.	7,7 kg
550 mm <small>sectionalized</small>	P.O.A.	8,3 kg



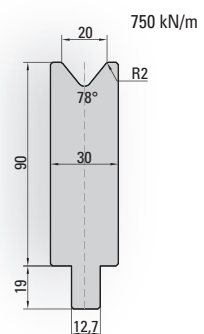
### 26.215 24h

510 mm	P.O.A.	9,6 kg
550 mm <small>sectionalized</small>	P.O.A.	10,4 kg



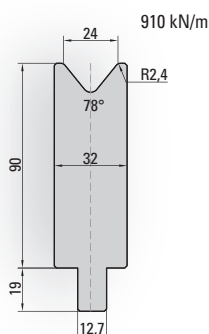
### 26.216 24h

510 mm	P.O.A.	11,2 kg
550 mm <small>sectionalized</small>	P.O.A.	12,1 kg



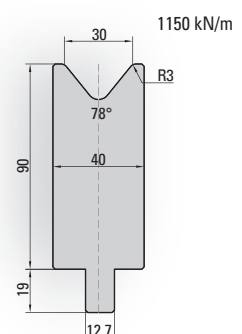
### 26.217 24h

510 mm	P.O.A.	11,7 kg
550 mm <small>sectionalized</small>	P.O.A.	12,7 kg



### 26.218 24h

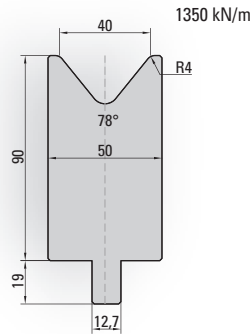
510 mm	P.O.A.	14,2 kg
550 mm <small>sectionalized</small>	P.O.A.	15,4 kg



## 78° Dies H = 90 mm

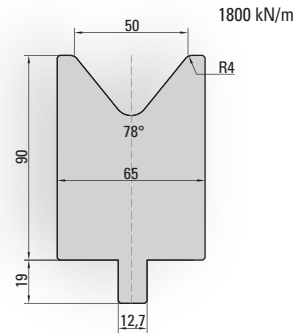
### 26.219 24h

510 mm	P.O.A.	17,0 kg
550 mm sectionalized	P.O.A.	18,3 kg



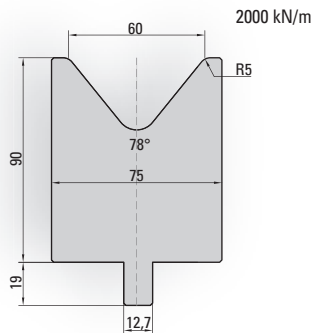
### 26.220 24h

510 mm	P.O.A.	21,3 kg
550 mm sectionalized	P.O.A.	23,0 kg



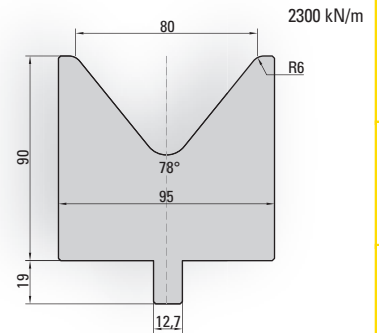
### 26.221 24h

510 mm	P.O.A.	23,6 kg
550 mm sectionalized	P.O.A.	25,4 kg



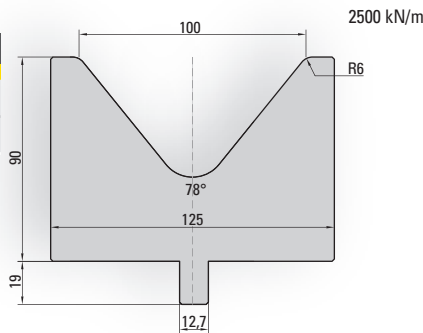
### 26.222 24h

510 mm	P.O.A.	27,3 kg
550 mm sectionalized	P.O.A.	29,5 kg



### 26.223 24h

510 mm	P.O.A.	33,9 kg
550 mm sectionalized	P.O.A.	36,5 kg



**UKB-PRESS BRAKE TOOL CABINETS**

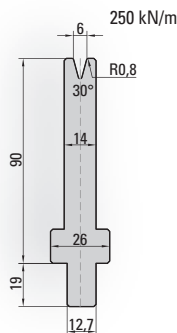
see chapter 15

## 30° Dies H = 90 mm

### 26.200 24h

510 mm	P.O.A.	6,5 kg
550 mm sectionalized	P.O.A.	7,1 kg

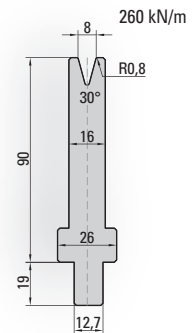
Max. load for 90° bending



### 26.201 24h

510 mm	P.O.A.	7,0 kg
550 mm sectionalized	P.O.A.	7,6 kg

Max. load for 90° bending

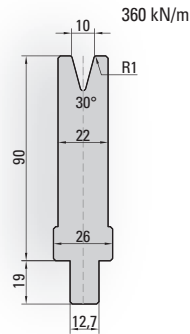


## 30° Dies H = 90 mm

### 26.202 24h

510 mm	P.O.A.	8,7 kg
550 mm sectionalized	P.O.A.	9,4 kg

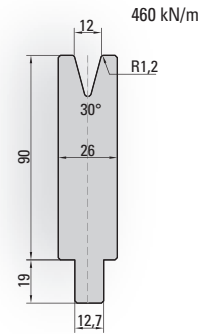
Max. load for 90° bending



### 26.203 24h

510 mm	P.O.A.	10,2 kg
550 mm sectionalized	P.O.A.	11,0 kg

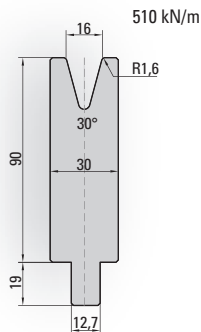
Max. load for 90° bending



### 26.204 24h

510 mm	P.O.A.	10,8 kg
550 mm sectionalized	P.O.A.	11,7 kg

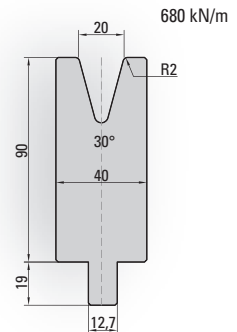
Max. load for 90° bending



### 26.205 24h

510 mm	P.O.A.	13,9 kg
550 mm sectionalized	P.O.A.	15,0 kg

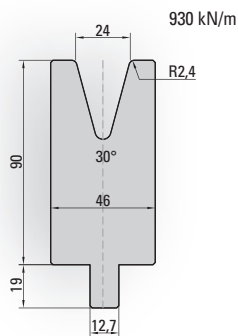
Max. load for 90° bending



### 26.206 24h

510 mm	P.O.A.	15,5 kg
550 mm sectionalized	P.O.A.	16,7 kg

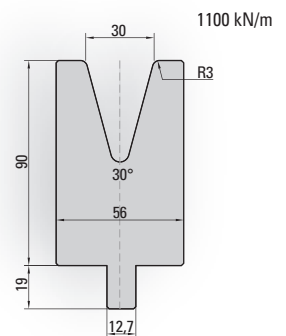
Max. load for 90° bending



### 26.207 24h

510 mm	P.O.A.	17,9 kg
550 mm sectionalized	P.O.A.	19,3 kg

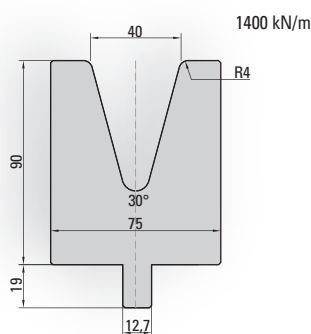
Max. load for 90° bending



### 26.208 24h

510 mm	P.O.A.	22,3 kg
550 mm sectionalized	P.O.A.	24,1 kg

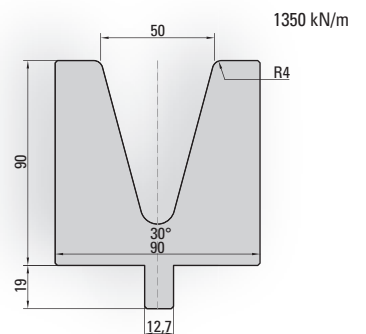
Max. load for 90° bending



### 26.209 24h

510 mm	P.O.A.	24,5 kg
550 mm sectionalized	P.O.A.	26,5 kg

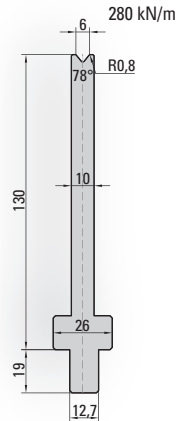
Max. load for 90° bending



## 78° Dies H = 130 mm

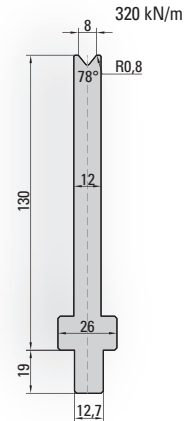
### 26.262 24h

510 mm	P.O.A.	7,0 kg
550 mm sectionalized	P.O.A.	7,6 kg



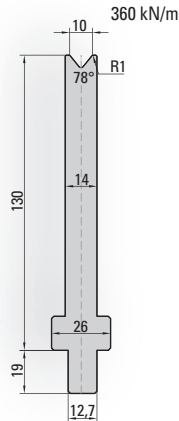
### 26.263 24h

510 mm	P.O.A.	7,9 kg
550 mm sectionalized	P.O.A.	8,5 kg



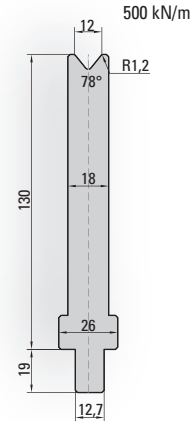
### 26.264 24h

510 mm	P.O.A.	8,8 kg
550 mm sectionalized	P.O.A.	9,5 kg



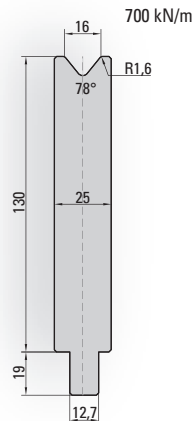
### 26.265 24h

510 mm	P.O.A.	10,6 kg
550 mm sectionalized	P.O.A.	11,4 kg



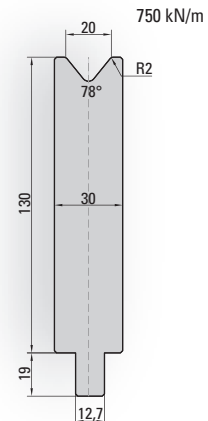
### 26.266 24h

510 mm	P.O.A.	13,6 kg
550 mm sectionalized	P.O.A.	14,7 kg



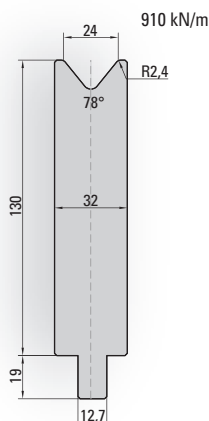
### 26.267 24h

510 mm	P.O.A.	16,0 kg
550 mm sectionalized	P.O.A.	17,3 kg



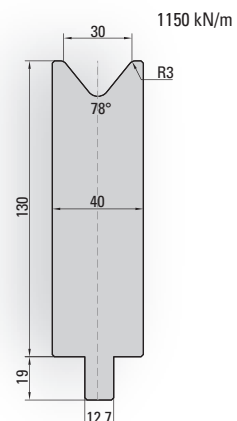
### 26.268 24h

510 mm	P.O.A.	16,8 kg
550 mm sectionalized	P.O.A.	18,2 kg



### 26.269 24h

510 mm	P.O.A.	20,6 kg
550 mm sectionalized	P.O.A.	22,2 kg

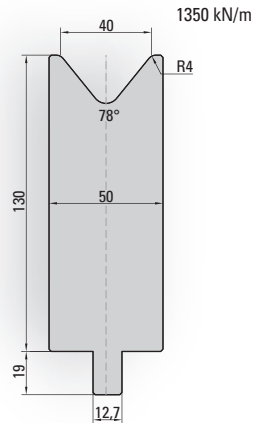




## 78° Dies H = 130 mm

### 26.270 24h

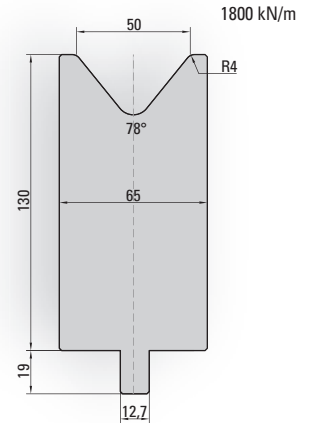
510 mm	P.O.A.	25,0 kg
550 mm sectionalized	P.O.A.	26,9 kg



1350 kN/m

### 26.271 24h

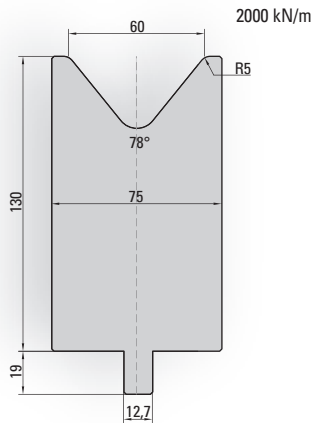
510 mm	P.O.A.	31,7 kg
550 mm sectionalized	P.O.A.	34,2 kg



1800 kN/m

### 26.272 24h

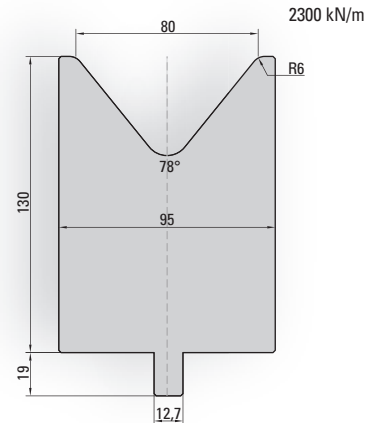
510 mm	P.O.A.	35,6 kg
550 mm sectionalized	P.O.A.	38,4 kg



2000 kN/m

### 26.273 24h

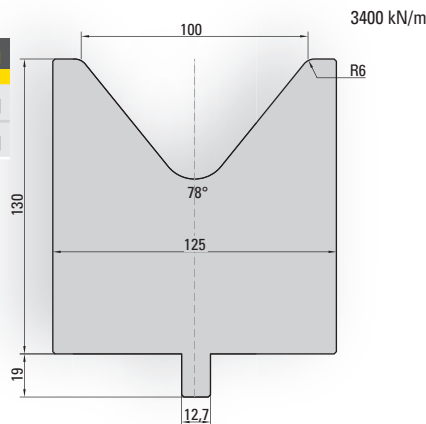
510 mm	P.O.A.	42,5 kg
550 mm sectionalized	P.O.A.	45,9 kg



2300 kN/m

### 26.274 24h

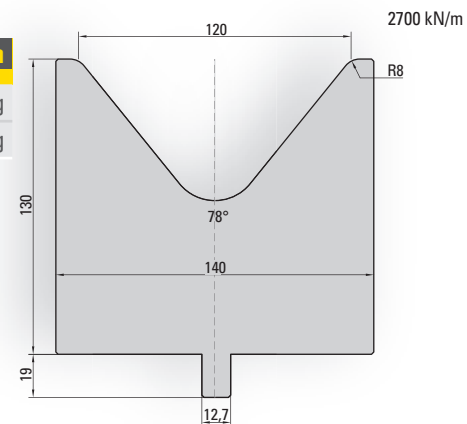
510 mm	P.O.A.	53,9 kg
550 mm sectionalized	P.O.A.	58,1 kg



3400 kN/m

### 26.275 24h

510 mm	P.O.A.	56,5 kg
550 mm sectionalized	P.O.A.	60,9 kg



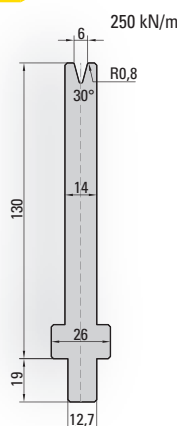
2700 kN/m

## 30° Dies H = 130 mm

### 26.250 24h

510 mm	P.O.A.	8,8 kg
550 mm sectionalized	P.O.A.	9,5 kg

Max. load for 90° bending

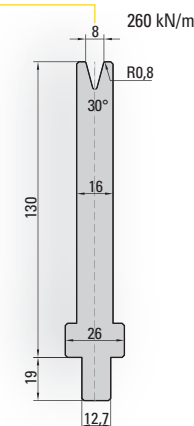


250 kN/m

### 26.251 24h

510 mm	P.O.A.	9,6 kg
550 mm sectionalized	P.O.A.	10,3 kg

Max. load for 90° bending

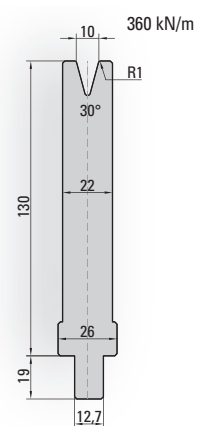


260 kN/m

### 26.252 24h

510 mm	P.O.A.	12,2 kg
550 mm sectionalized	P.O.A.	13,2 kg

Max. load for 90° bending



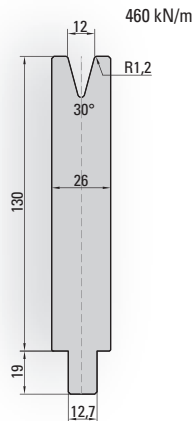
360 kN/m

## 30° Dies H = 130 mm

### 26.253 24h

510 mm	P.O.A.	14,4 kg
550 mm sectionalized	P.O.A.	15,5 kg

Max. load for 90° bending

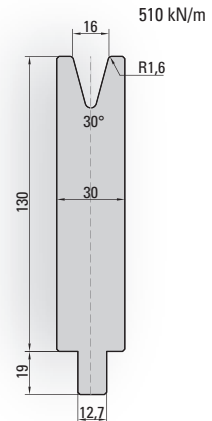


460 kN/m

### 26.254 24h

510 mm	P.O.A.	15,6 kg
550 mm sectionalized	P.O.A.	16,8 kg

Max. load for 90° bending

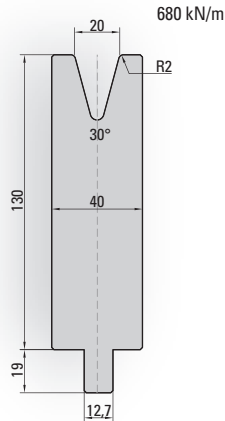


510 kN/m

### 26.255 24h

510 mm	P.O.A.	20,3 kg
550 mm sectionalized	P.O.A.	22,0 kg

Max. load for 90° bending

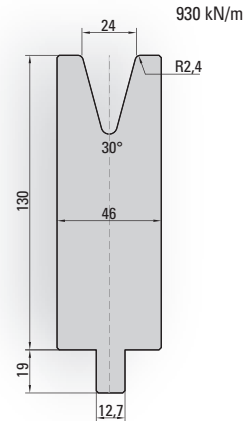


680 kN/m

### 26.256 24h

510 mm	P.O.A.	22,8 kg
550 mm sectionalized	P.O.A.	24,6 kg

Max. load for 90° bending

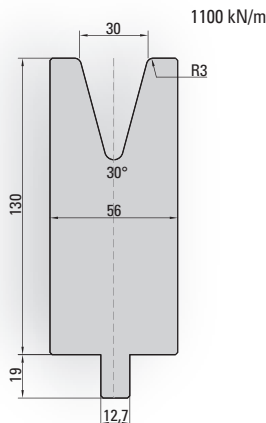


930 kN/m

### 26.257 24h

510 mm	P.O.A.	26,8 kg
550 mm sectionalized	P.O.A.	29,0 kg

Max. load for 90° bending

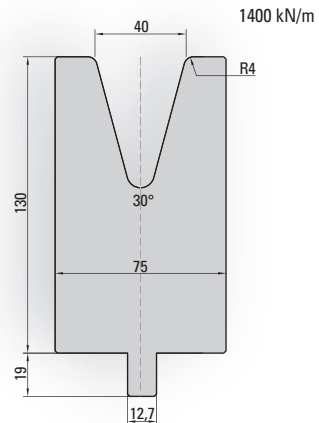


1100 kN/m

### 26.258 24h

510 mm	P.O.A.	34,3 kg
550 mm sectionalized	P.O.A.	37,0 kg

Max. load for 90° bending

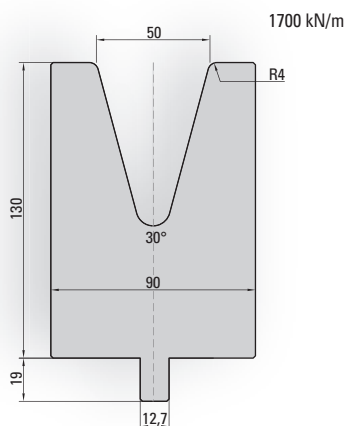


1400 kN/m

### 26.259 24h

510 mm	P.O.A.	39,9 kg
550 mm sectionalized	P.O.A.	42,0 kg

Max. load for 90° bending

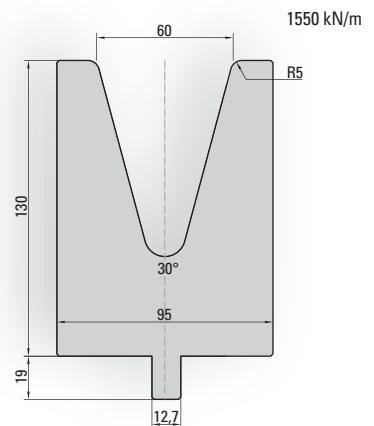


1700 kN/m

### 26.260 24h

510 mm	P.O.A.	37,6 kg
550 mm sectionalized	P.O.A.	40,6 kg

Max. load for 90° bending



1550 kN/m

# PRESS BRAKE TOOLS

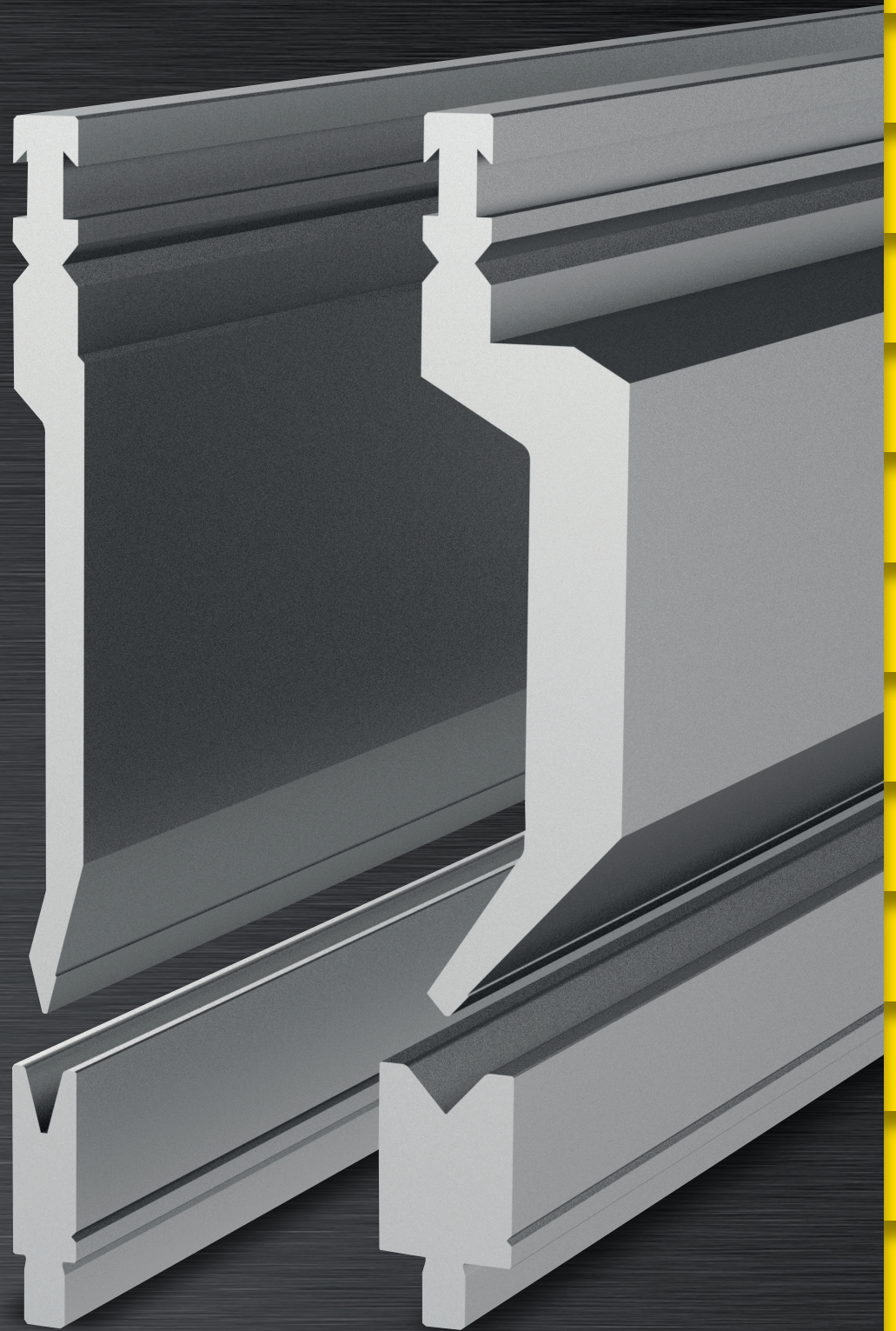
## UKB-SYSTEM BYSTRONIC

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FOLLOW US!



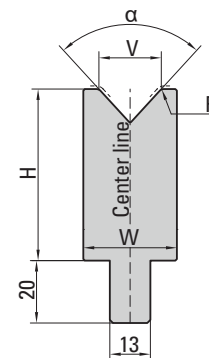
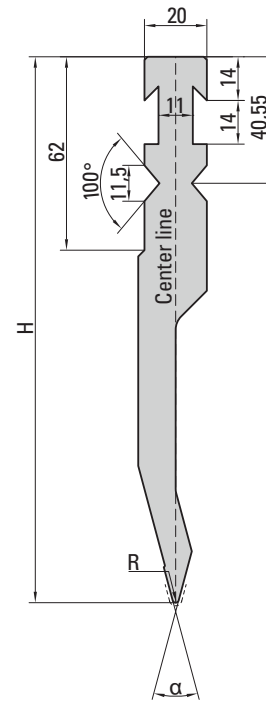




05

## Quality and precision

- ▶ Optimum materials
  - 42 CrMo4, tempered to 1100 – 1200 N/mm<sup>2</sup>
  - C45, 650 – 800 N/mm<sup>2</sup>
- ▶ Bending radius/intake radii hardened up to 52 – 55 HRC
- ▶ Precision ground
- ▶ Guaranteed exchangeability and parallelism
- ▶ Tool marking with all technical information



### VIDEO

UKB-Press brake tool systems



## LPT-ADVANTAGES

- ▶ **Office hours:** From Monday to Friday from 8:00am to 6:00pm
- ▶ **Dispatch time:** Press brake tools UKB-System Bystronic in **24 h**
- ▶ **Shipping:** Orders placed before 2:00pm on the same working day
- ▶ **Delivery service:**
  - Standard: 2 days typical by courier  
4 days typical (larger shipments over 40 kg)
  - Express service: According agreement
- ▶ **Package:** Ecologically sensitive and safe - with self recycled packing material
- ▶ **Payment options:** 30 days invoice

### VIDEO

UKB-Image

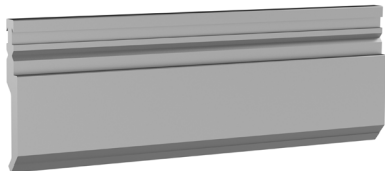




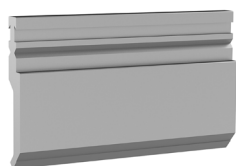
## Tool lengths

### PUNCHES/TOP TOOLS

Length 515 mm



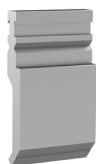
Length 300 mm



Length 200 mm

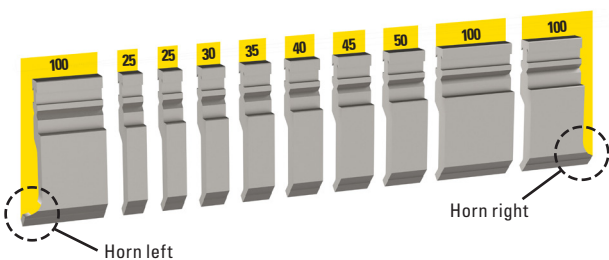


Length 100 mm



Length 550 mm sectionalized

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



### DIES

Length 515 mm



Length 300 mm



Length 200 mm



Length 100 mm

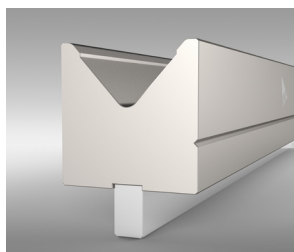
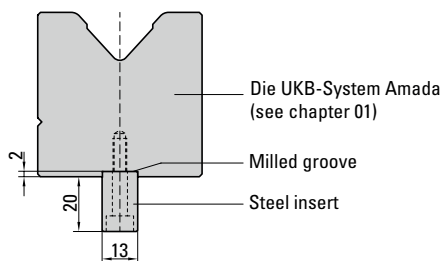


Length 550 mm sectionalized

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



## MODIFICATION DIES UKB-SYSTEM AMADA



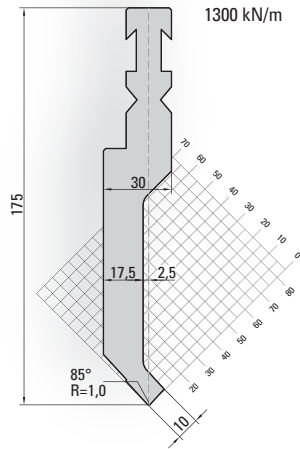
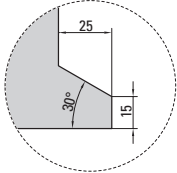
### VIDEO

UKB-Modification of press brake tools

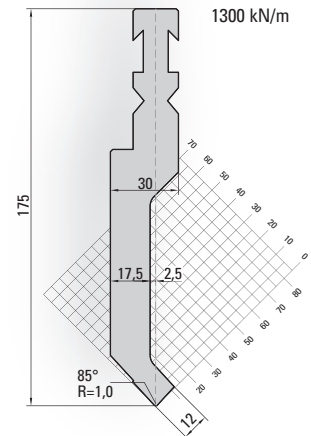
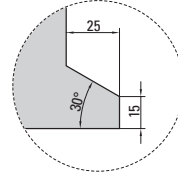


## Punches/top tools H = 175 mm

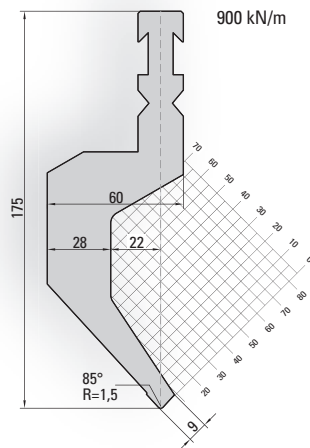
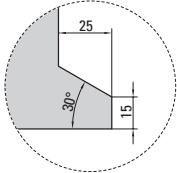
<b>14.150</b>		<b>24h</b>
515 mm	P.O.A.	12,5 kg
300 mm	P.O.A.	7,2 kg
200 mm	P.O.A.	4,8 kg
100 mm	P.O.A.	2,4 kg
550 mm sectionalized	P.O.A.	13,4 kg



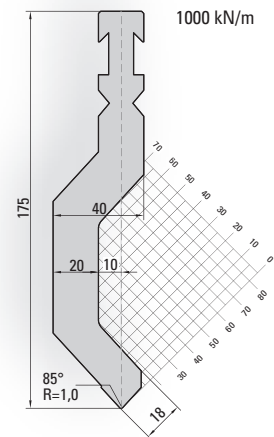
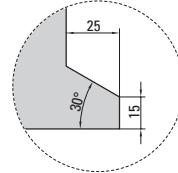
<b>14.151</b>		<b>24h</b>
515 mm	P.O.A.	12,6 kg
300 mm	P.O.A.	7,3 kg
200 mm	P.O.A.	5,0 kg
100 mm	P.O.A.	2,4 kg
550 mm sectionalized	P.O.A.	13,4 kg



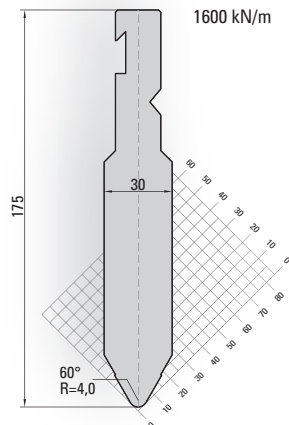
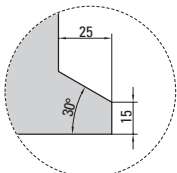
<b>14.152</b>		<b>24h</b>
515 mm	P.O.A.	16,6 kg
300 mm	P.O.A.	9,7 kg
200 mm	P.O.A.	6,5 kg
100 mm	P.O.A.	3,2 kg
550 mm sectionalized	P.O.A.	17,8 kg



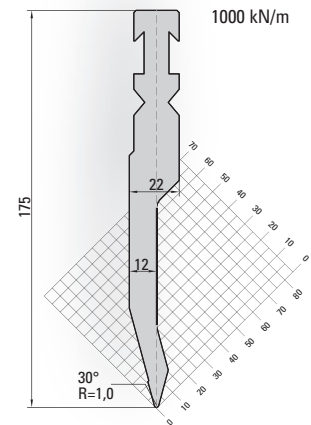
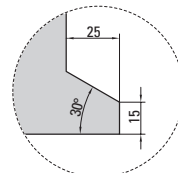
<b>14.156</b>		<b>24h</b>
515 mm	P.O.A.	14,0 kg
300 mm	P.O.A.	8,2 kg
200 mm	P.O.A.	5,0 kg
100 mm	P.O.A.	2,7 kg
550 mm sectionalized	P.O.A.	15,0 kg



<b>14.157</b>		<b>24h</b>
515 mm	P.O.A.	17,0 kg
300 mm	P.O.A.	10,0 kg
200 mm	P.O.A.	6,6 kg
100 mm	P.O.A.	3,3 kg
550 mm sectionalized	P.O.A.	18,2 kg



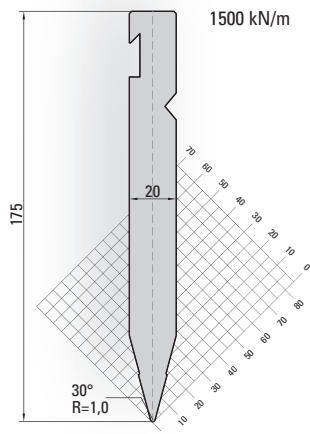
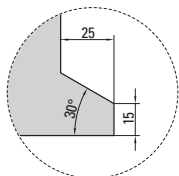
<b>14.153</b>		<b>24h</b>
515 mm	P.O.A.	9,7 kg
300 mm	P.O.A.	5,7 kg
200 mm	P.O.A.	3,8 kg
100 mm	P.O.A.	1,9 kg
550 mm sectionalized	P.O.A.	10,4 kg



## Punches/top tools H = 175 mm

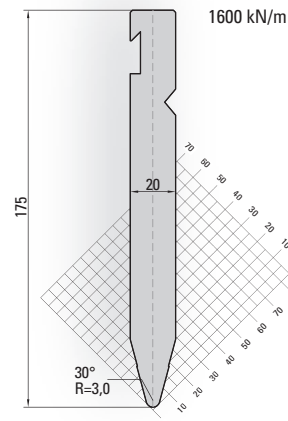
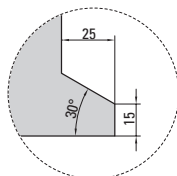
### 14.154 24h

515 mm	P.O.A.	12,4 kg
300 mm	P.O.A.	7,2 kg
200 mm	P.O.A.	4,8 kg
100 mm	P.O.A.	2,4 kg
550 mm sectionalized	P.O.A.	13,2 kg



### 14.155 24h

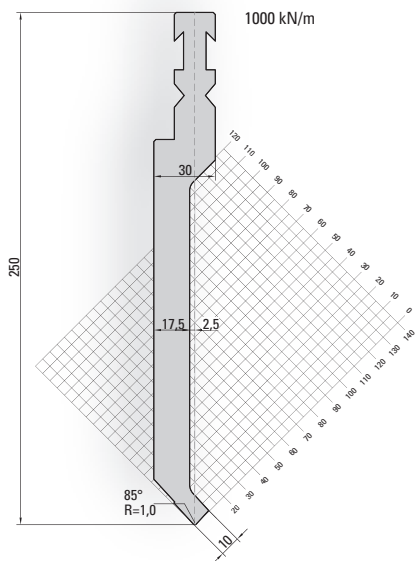
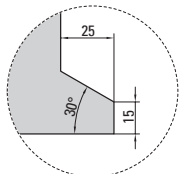
515 mm	P.O.A.	12,8 kg
300 mm	P.O.A.	7,5 kg
200 mm	P.O.A.	5,0 kg
100 mm	P.O.A.	2,5 kg
550 mm sectionalized	P.O.A.	13,7 kg



## Punches/top tools H = 250 mm

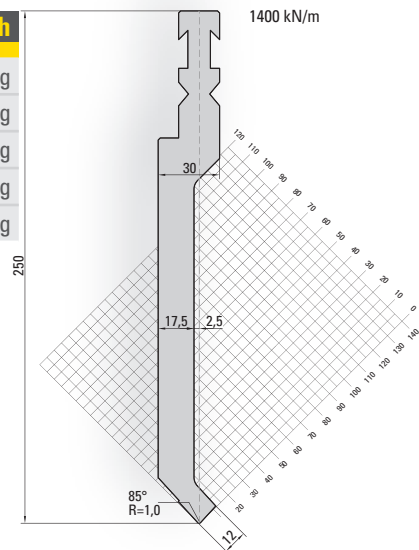
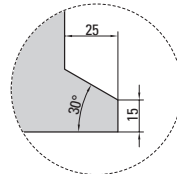
### 14.158 24h

515 mm	P.O.A.	17,8 kg
300 mm	P.O.A.	10,4 kg
200 mm	P.O.A.	7,0 kg
100 mm	P.O.A.	3,5 kg
550 mm sectionalized	P.O.A.	19,0 kg



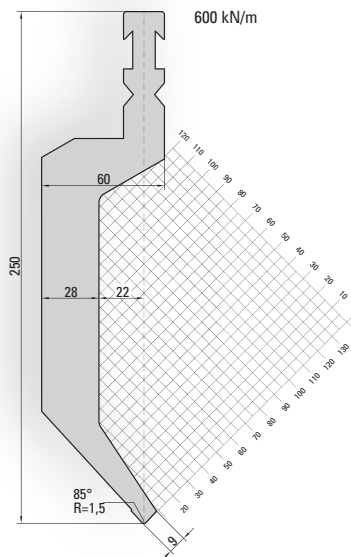
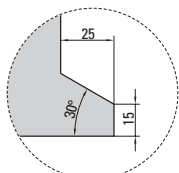
### 14.159 24h

515 mm	P.O.A.	18,0 kg
300 mm	P.O.A.	10,4 kg
200 mm	P.O.A.	7,0 kg
100 mm	P.O.A.	3,5 kg
550 mm sectionalized	P.O.A.	19,1 kg



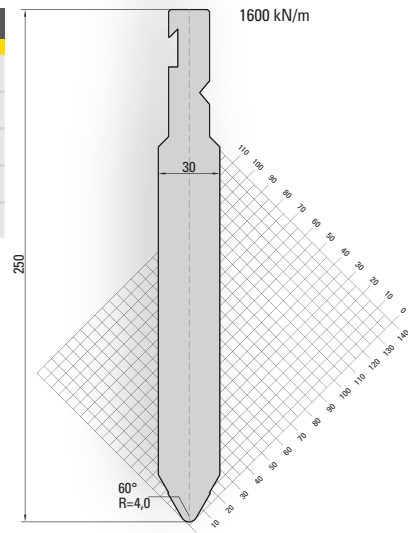
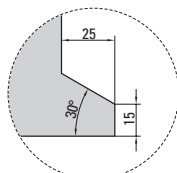
### 14.160 24h

515 mm	P.O.A.	25,0 kg
300 mm	P.O.A.	14,6 kg
200 mm	P.O.A.	9,8 kg
100 mm	P.O.A.	4,9 kg
550 mm sectionalized	P.O.A.	26,8 kg



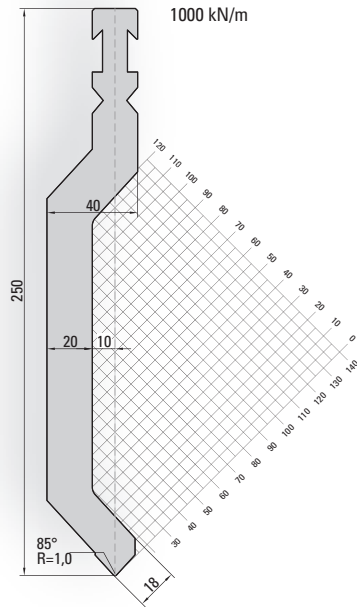
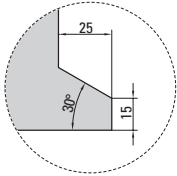
### 14.165 24h

515 mm	P.O.A.	26,1 kg
300 mm	P.O.A.	15,2 kg
200 mm	P.O.A.	10,0 kg
100 mm	P.O.A.	5,0 kg
550 mm sectionalized	P.O.A.	27,9 kg

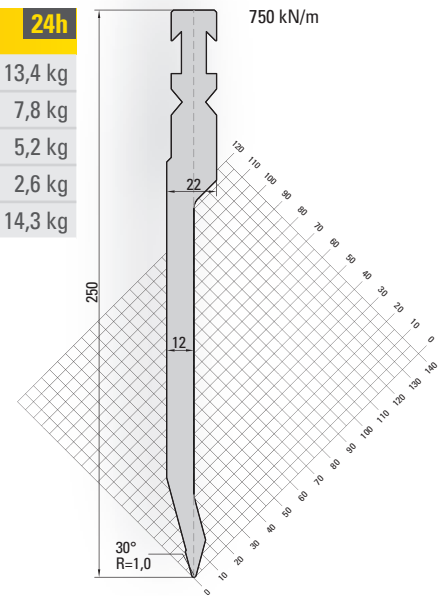
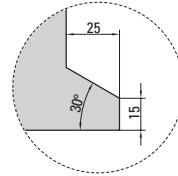


## Punches/top tools H = 250 mm

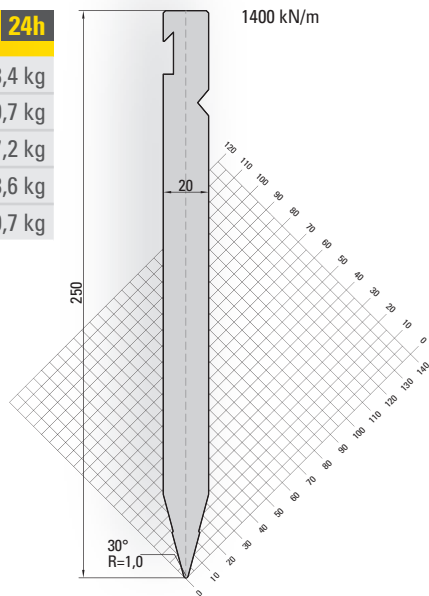
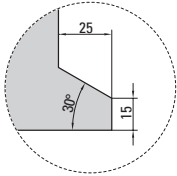
14.164		24h
515 mm	P.O.A.	20,1 kg
300 mm	P.O.A.	11,7 kg
200 mm	P.O.A.	7,8 kg
100 mm	P.O.A.	3,9 kg
550 mm sectionalized	P.O.A.	21,5 kg



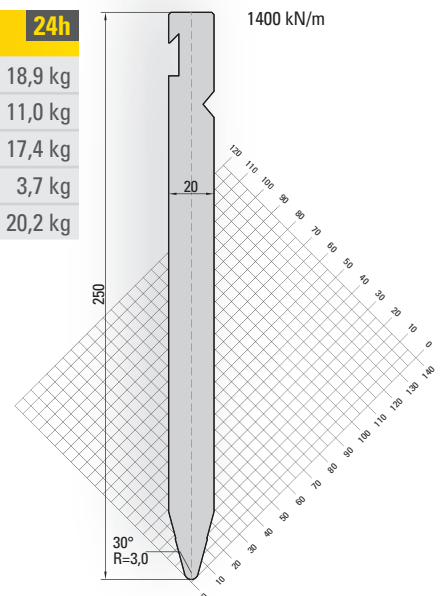
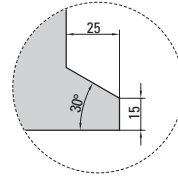
14.161		24h
515 mm	P.O.A.	13,4 kg
300 mm	P.O.A.	7,8 kg
200 mm	P.O.A.	5,2 kg
100 mm	P.O.A.	2,6 kg
550 mm sectionalized	P.O.A.	14,3 kg



14.162		24h
515 mm	P.O.A.	18,4 kg
300 mm	P.O.A.	10,7 kg
200 mm	P.O.A.	7,2 kg
100 mm	P.O.A.	3,6 kg
550 mm sectionalized	P.O.A.	19,7 kg

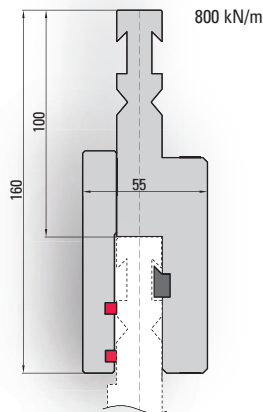


14.163		24h
515 mm	P.O.A.	18,9 kg
300 mm	P.O.A.	11,0 kg
200 mm	P.O.A.	17,4 kg
100 mm	P.O.A.	3,7 kg
550 mm sectionalized	P.O.A.	20,2 kg

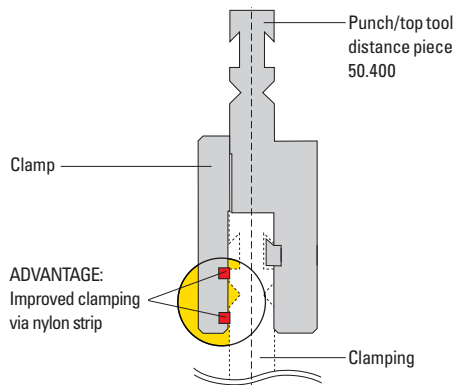


## Punch/top tool distance piece

**50.400** **24h**  
150 mm P.O.A. 6,0 kg



### EXAMPLE OF USE



05

## UKB-Regrinding service

The regrinding of your press brake tools, we carry out professional, precise, fast and cost-saving. Make do and mend!



Before



After

## UKB-Repair service

Before regrinding, we weld on material for breakouts, damaged areas or deformations!



Weld on of a damaged tool (MAG welding process)



WIG welding process

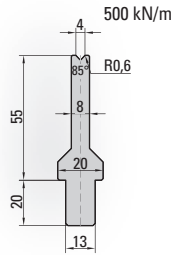
Further information visit [WWW.LPTOOLING.CO.UK](http://WWW.LPTOOLING.CO.UK)!



## 85° Dies H = 55 mm

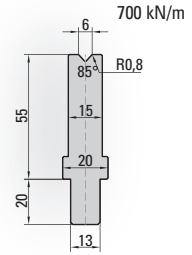
### 24.100 24h

515 mm	P.O.A.	3,6 kg
300 mm	P.O.A.	2,1 kg
200 mm	P.O.A.	1,4 kg
100 mm	P.O.A.	0,7 kg
550 mm <small>sectionalized</small>	P.O.A.	3,8 kg



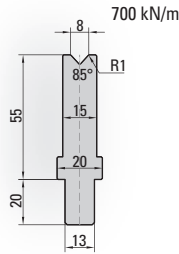
### 24.101 24h

515 mm	P.O.A.	4,6 kg
300 mm	P.O.A.	2,7 kg
200 mm	P.O.A.	1,8 kg
100 mm	P.O.A.	0,9 kg
550 mm <small>sectionalized</small>	P.O.A.	5,0 kg



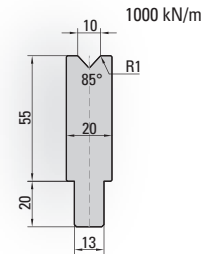
### 24.102 24h

515 mm	P.O.A.	4,6 kg
300 mm	P.O.A.	2,7 kg
200 mm	P.O.A.	1,8 kg
100 mm	P.O.A.	0,9 kg
550 mm <small>sectionalized</small>	P.O.A.	5,0 kg



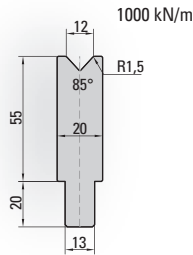
### 24.104 24h

515 mm	P.O.A.	5,7 kg
300 mm	P.O.A.	3,3 kg
200 mm	P.O.A.	2,2 kg
100 mm	P.O.A.	1,1 kg
550 mm <small>sectionalized</small>	P.O.A.	6,1 kg



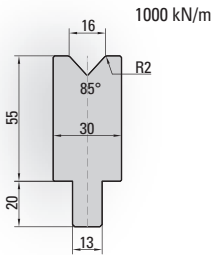
### 24.106 24h

515 mm	P.O.A.	5,7 kg
300 mm	P.O.A.	3,3 kg
200 mm	P.O.A.	2,2 kg
100 mm	P.O.A.	1,1 kg
550 mm <small>sectionalized</small>	P.O.A.	6,1 kg



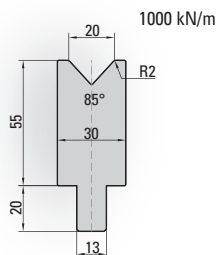
### 24.108 24h

515 mm	P.O.A.	7,7 kg
300 mm	P.O.A.	4,5 kg
200 mm	P.O.A.	3,0 kg
100 mm	P.O.A.	1,5 kg
550 mm <small>sectionalized</small>	P.O.A.	8,3 kg



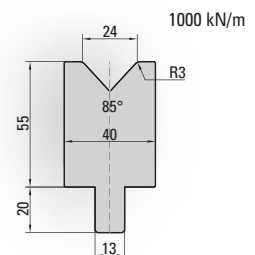
### 24.109 24h

515 mm	P.O.A.	7,7 kg
300 mm	P.O.A.	4,5 kg
200 mm	P.O.A.	3,0 kg
100 mm	P.O.A.	1,5 kg
550 mm <small>sectionalized</small>	P.O.A.	8,3 kg



### 24.110 24h

515 mm	P.O.A.	9,8 kg
300 mm	P.O.A.	5,7 kg
200 mm	P.O.A.	3,8 kg
100 mm	P.O.A.	1,9 kg
550 mm <small>sectionalized</small>	P.O.A.	10,5 kg

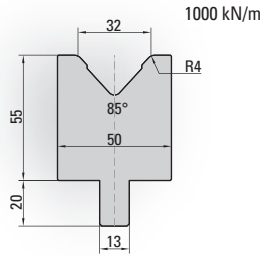


## 85° Dies H = 55 mm

### 24.011 24h

515 mm	P.O.A.	10,8 kg
300 mm	P.O.A.	6,3 kg
200 mm	P.O.A.	4,2 kg
100 mm	P.O.A.	2,1 kg
550 mm sectionalized	P.O.A.	11,5 kg

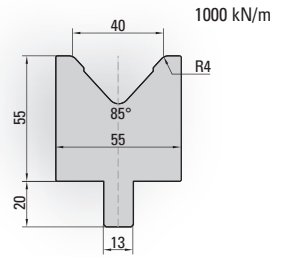
1200 kN/m if the tool clamping has the corresponding load



### 24.012 24h

515 mm	P.O.A.	11,1 kg
300 mm	P.O.A.	6,6 kg
200 mm	P.O.A.	4,4 kg
100 mm	P.O.A.	2,2 kg
550 mm sectionalized	P.O.A.	12,1 kg

1200 kN/m if the tool clamping has the corresponding load

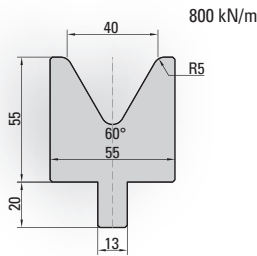


## 60° Dies H = 55 mm

### 24.040 24h

515 mm	P.O.A.	10,3 kg
300 mm	P.O.A.	6,0 kg
200 mm	P.O.A.	4,0 kg
100 mm	P.O.A.	2,0 kg
550 mm sectionalized	P.O.A.	11,0 kg

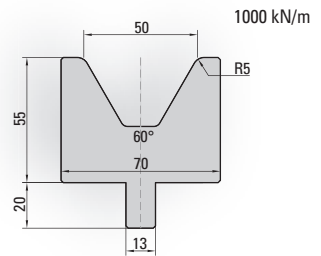
1200 kN/m if the tool clamping has the corresponding load



### 24.050 24h

515 mm	P.O.A.	12,7 kg
300 mm	P.O.A.	7,5 kg
200 mm	P.O.A.	5,0 kg
100 mm	P.O.A.	2,5 kg
550 mm sectionalized	P.O.A.	13,8 kg

1200 kN/m if the tool clamping has the corresponding load

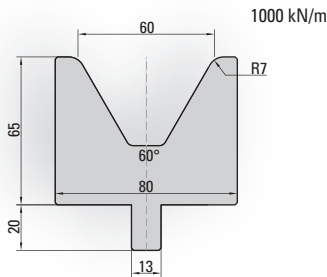


## 60° Die H = 65 mm

### 24.060 24h

515 mm	P.O.A.	16,0 kg
300 mm	P.O.A.	9,3 kg
200 mm	P.O.A.	6,2 kg
100 mm	P.O.A.	3,1 kg
550 mm sectionalized	P.O.A.	17,0 kg

1200 kN/m if the tool clamping has the corresponding load



### LPT-INFO

Dies with bigger V-openings see page 71!

## WWW.LPTOOLING.CO.UK

LPT-Catalogue > View and download pdf version

Tool dxf's > Download tool profile dxf's

Innovations > Always the latest news

Product information > All UKB-Products at a glance

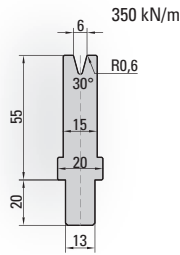
Downloads > Information for you

Video-channel > A closer look into the company and interesting product videos

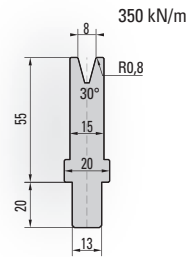


## 30° Dies H = 55 mm

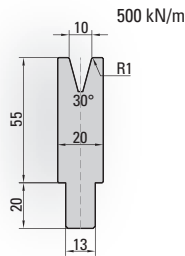
<b>24.013</b>		<b>24h</b>
515 mm	P.O.A.	4,1 kg
300 mm	P.O.A.	2,4 kg
200 mm	P.O.A.	1,6 kg
100 mm	P.O.A.	0,8 kg
550 mm <small>sectionalized</small>	P.O.A.	4,4 kg



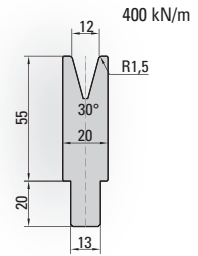
<b>24.014</b>		<b>24h</b>
515 mm	P.O.A.	4,1 kg
300 mm	P.O.A.	2,4 kg
200 mm	P.O.A.	1,6 kg
100 mm	P.O.A.	0,8 kg
550 mm <small>sectionalized</small>	P.O.A.	4,4 kg



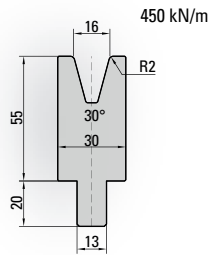
<b>24.015</b>		<b>24h</b>
515 mm	P.O.A.	5,1 kg
300 mm	P.O.A.	3,0 kg
200 mm	P.O.A.	2,0 kg
100 mm	P.O.A.	1,0 kg
550 mm <small>sectionalized</small>	P.O.A.	5,5 kg



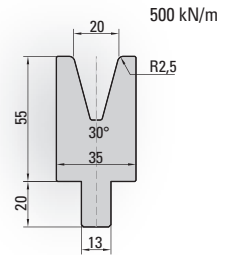
<b>24.016</b>		<b>24h</b>
515 mm	P.O.A.	5,1 kg
300 mm	P.O.A.	3,0 kg
200 mm	P.O.A.	2,0 kg
100 mm	P.O.A.	1,0 kg
550 mm <small>sectionalized</small>	P.O.A.	5,5 kg



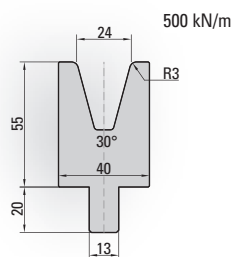
<b>24.017</b>		<b>24h</b>
515 mm	P.O.A.	7,0 kg
300 mm	P.O.A.	4,2 kg
200 mm	P.O.A.	2,8 kg
100 mm	P.O.A.	1,4 kg
550 mm <small>sectionalized</small>	P.O.A.	7,7 kg



<b>24.019</b>		<b>24h</b>
515 mm	P.O.A.	7,2 kg
300 mm	P.O.A.	4,2 kg
200 mm	P.O.A.	2,8 kg
100 mm	P.O.A.	1,4 kg
550 mm <small>sectionalized</small>	P.O.A.	7,7 kg

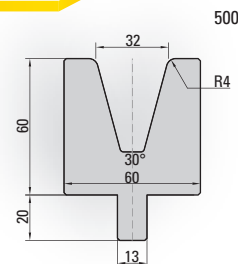


<b>24.018</b>		<b>24h</b>
515 mm	P.O.A.	8,0 kg
300 mm	P.O.A.	4,8 kg
200 mm	P.O.A.	3,2 kg
100 mm	P.O.A.	1,6 kg
550 mm <small>sectionalized</small>	P.O.A.	8,8 kg



## 30° Die H = 60 mm

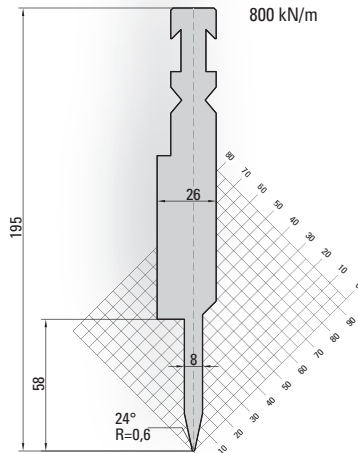
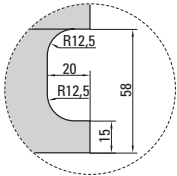
<b>24.035</b>		<b>24h</b>
515 mm	P.O.A.	11,8 kg
300 mm	P.O.A.	6,9 kg
200 mm	P.O.A.	4,6 kg
100 mm	P.O.A.	2,3 kg
550 mm <small>sectionalized</small>	P.O.A.	12,7 kg



## Flattening punches/top tools and flattening dies

### 14.908 24h

500 mm	P.O.A.	13,0 kg
300 mm	P.O.A.	7,8 kg
200 mm	P.O.A.	5,2 kg
100 mm	P.O.A.	2,6 kg
550 mm sectionalized	P.O.A.	14,3 kg

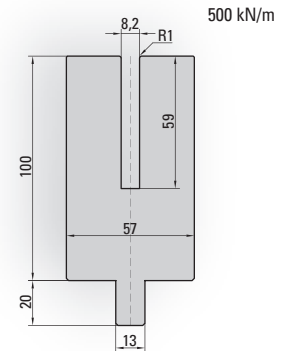


800 kN/m

### 25.992 24h

500 mm	P.O.A.	21,5 kg
300 mm	P.O.A.	12,9 kg
200 mm	P.O.A.	8,6 kg
100 mm	P.O.A.	4,3 kg
550 mm sectionalized	P.O.A.	23,6 kg

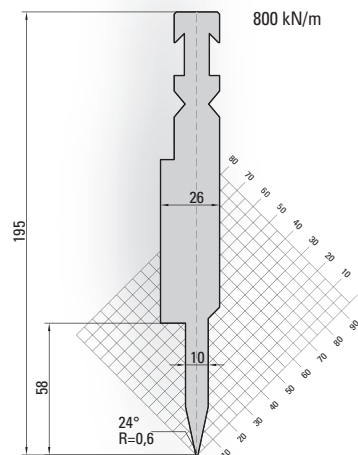
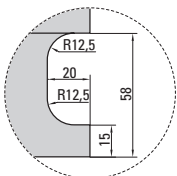
Max. 1,2 mm material thickness  
 $R_m = 400 \text{ N/mm}^2$



500 kN/m

### 14.910 24h

500 mm	P.O.A.	13,5 kg
300 mm	P.O.A.	8,1 kg
200 mm	P.O.A.	5,4 kg
100 mm	P.O.A.	2,7 kg
550 mm sectionalized	P.O.A.	14,9 kg

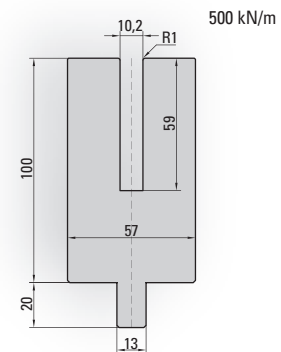


800 kN/m

### 25.994 24h

500 mm	P.O.A.	21,0 kg
300 mm	P.O.A.	12,6 kg
200 mm	P.O.A.	8,4 kg
100 mm	P.O.A.	4,2 kg
550 mm sectionalized	P.O.A.	23,1 kg

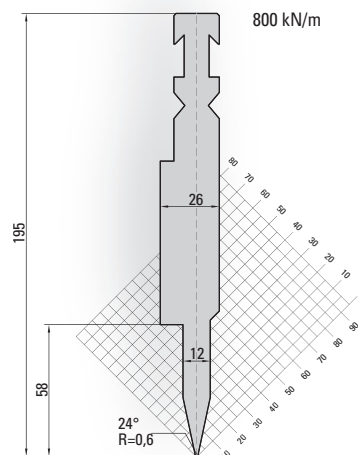
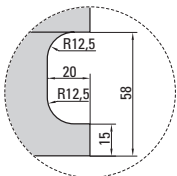
Max. 1,8 mm material thickness  
 $R_m = 400 \text{ N/mm}^2$



500 kN/m

### 14.912 24h

500 mm	P.O.A.	14,0 kg
300 mm	P.O.A.	8,4 kg
200 mm	P.O.A.	5,6 kg
100 mm	P.O.A.	2,8 kg
550 mm sectionalized	P.O.A.	15,4 kg

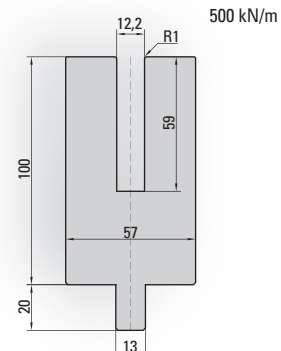


800 kN/m

### 25.995 24h

500 mm	P.O.A.	20,5 kg
300 mm	P.O.A.	12,3 kg
200 mm	P.O.A.	8,2 kg
100 mm	P.O.A.	4,1 kg
550 mm sectionalized	P.O.A.	22,6 kg

Max. 2,5 mm material thickness  
 $R_m = 400 \text{ N/mm}^2$

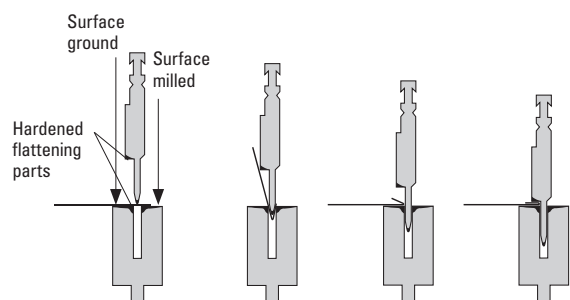


500 kN/m

**VIDEO**  
UKB-Flattening tools



### EXAMPLE OF USE



# UKB-HOLDERS FOR BLADES AND BLADES R 0,5 – 6,0

Explanation . . . . .	.124 – 125
Holders for blades . . . . .	.126 – 127
Blades R 0,5 – 6,0 . . . . .	. 127

FOLLOW US!



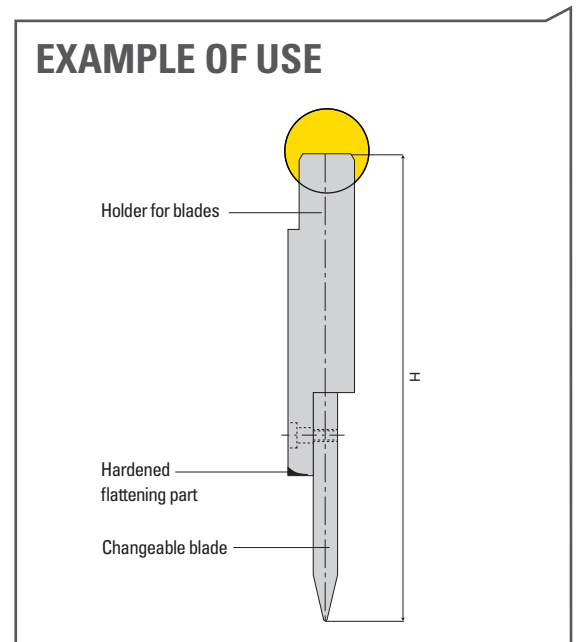




06

## Quality and precision

- ▶ Optimum materials
  - 42 CrMo4, tempered to 1100 – 1200 N/mm<sup>2</sup>
  - C45, 650 – 800 N/mm<sup>2</sup>
- ▶ Bending radius/intake radii hardened up to 52 – 55 HRC
- ▶ Precision ground
- ▶ Guaranteed exchangeability and parallelism
- ▶ Tool marking with all technical information



## Product advantages

- ▶ Cost-saving: One holder for different blades
- ▶ Flexible application by changeable blades R 0,5 – R 6,0
- ▶ Fast and easy change of the blades
- ▶ Holder for blades with hardened flattening part

### VIDEO

UKB-Holders for blades and blades R 0,5 - 6,0



## LPT-ADVANTAGES

- ▶ **Office hours:** From Monday to Friday from 8:00am to 6:00pm
- ▶ **Dispatch time:** UKB-Holders for blades and blades R 0,5 – 6,0 in **24 h**
- ▶ **Shipping:** Orders placed before 2:00pm on the same working day
- ▶ **Delivery service:**
  - Standard: 2 days typical by courier  
4 days typical (larger shipments over 40 kg)
  - Express service: According agreement
- ▶ **Package:** Ecologically sensitive and safe - with self recycled packing material
- ▶ **Payment options:** 30 days invoice

### VIDEO

UKB-Image



# UKB-HOLDERS FOR BLADES AND BLADES R 0,5 – 6,0



sales@lptooling.co.uk . www.lptooling.co.uk

## Tool lengths

Length 500 mm



Length 300 mm



Length 200 mm

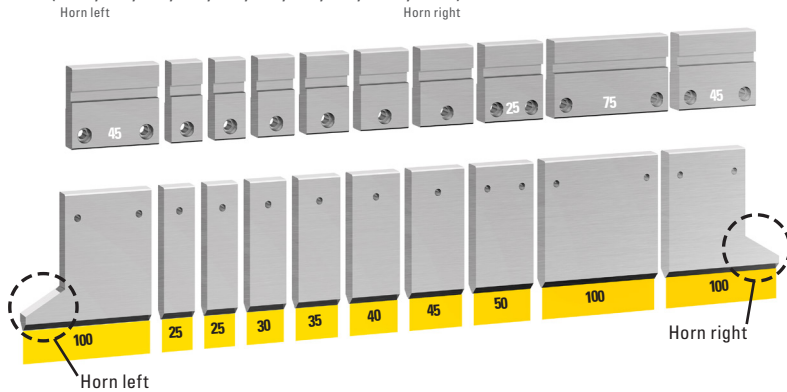


Length 100 mm



### Length 550 mm sectionalized

- ▶ Sectionalized holders for blades are delivered as a complete set
- ▶ 10 Segments (100, 25, 25, 30, 35, 40, 45, 50, 100, 100)



06



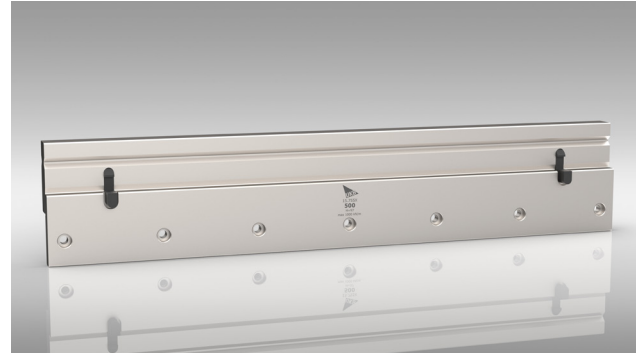
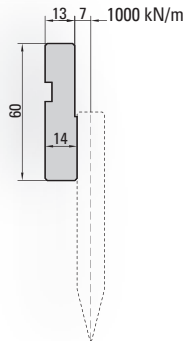
# UKB-HOLDERS FOR BLADES AND BLADES R 0,5 – 6,0

Phone 01384 443 808 . Fax 01384 393 985

## Holders for blades

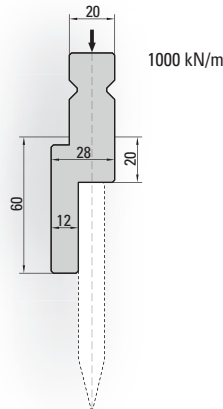
### UKB-SYSTEM AMADA

<b>10.400</b>		<b>24h</b>
500 mm	P.O.A.	3,0 kg
300 mm	P.O.A.	1,8 kg
200 mm	P.O.A.	1,2 kg
100 mm	P.O.A.	0,6 kg
488 mm sectionalized	P.O.A.	2,9 kg



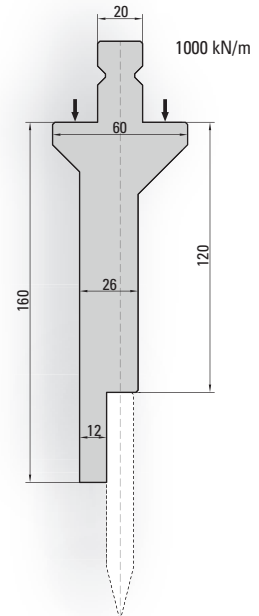
### UKB-SYSTEMS TRUMPF/WILA/LVD

<b>15.755</b>		<b>24h</b>
Simple Clamp		
500 mm	P.O.A.	6,7 kg
300 mm	P.O.A.	4,0 kg
200 mm	P.O.A.	2,7 kg
100 mm	P.O.A.	1,4 kg
550 mm sectionalized	P.O.A.	7,4 kg



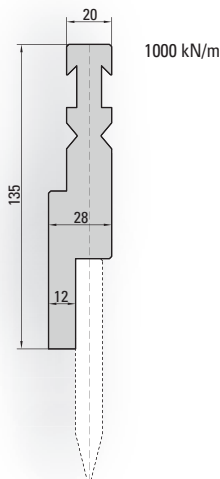
<b>15.760</b>		<b>24h</b>
Safety pins		
500 mm	P.O.A.	19,5 kg
300 mm	P.O.A.	11,7 kg

Simple Clamp		
200 mm	P.O.A.	7,8 kg
100 mm	P.O.A.	3,9 kg
550 mm sectionalized	P.O.A.	21,5 kg



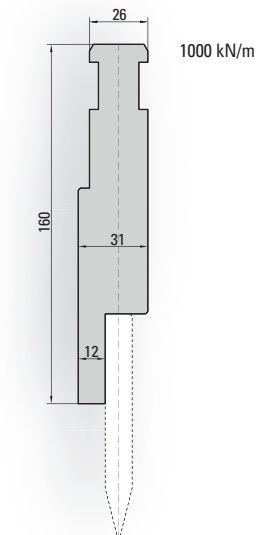
### UKB-SYSTEM BYSTRONIC

<b>14.282</b>		<b>24h</b>
500 mm	P.O.A.	7,0 kg
300 mm	P.O.A.	4,2 kg
200 mm	P.O.A.	2,8 kg
100 mm	P.O.A.	1,4 kg
550 mm sectionalized	P.O.A.	7,7 kg



### UKB-SYSTEM EHT

<b>17.070</b>		<b>24h</b>
500 mm	P.O.A.	15,0 kg
300 mm	P.O.A.	9,0 kg
200 mm	P.O.A.	6,0 kg
100 mm	P.O.A.	3,0 kg
550 mm sectionalized	P.O.A.	16,5 kg

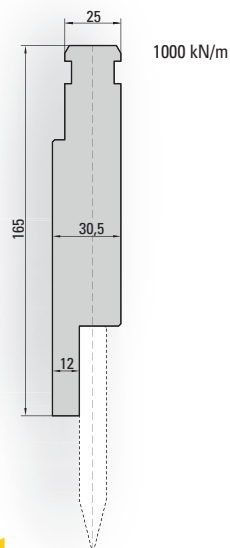


## Holder for blades

### UKB-SYSTEM WEINBRENNER

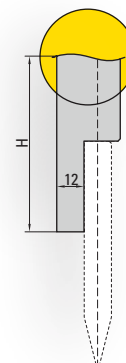
#### 17.570 24h

500 mm	P.O.A.	15,5 kg
300 mm	P.O.A.	9,3 kg
200 mm	P.O.A.	6,2 kg
100 mm	P.O.A.	3,1 kg
550 mm sectionalized	P.O.A.	17,0 kg



### OTHER SYSTEMS

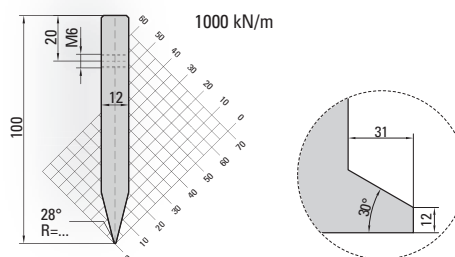
Holder for blades with individual clamping, suitable for your press brake  
**Price and delivery time on request**



## Blades R 0,5 – 6,0

#### 28° 24h

Model	R (mm)	500 mm Price	300 mm Price	200 mm Price	100 mm Price	550 mm sect. Price
15.761	0,5	P.O.A.	P.O.A.	P.O.A.	P.O.A.	P.O.A.
15.763	1,0	P.O.A.	P.O.A.	P.O.A.	P.O.A.	P.O.A.
15.762	1,5	P.O.A.	P.O.A.	P.O.A.	P.O.A.	P.O.A.
15.765	2,0	P.O.A.	P.O.A.	P.O.A.	P.O.A.	P.O.A.
15.764	2,5	P.O.A.	P.O.A.	P.O.A.	P.O.A.	P.O.A.
15.766	3,0	P.O.A.	P.O.A.	P.O.A.	P.O.A.	P.O.A.
15.767	4,0	P.O.A.	P.O.A.	P.O.A.	P.O.A.	P.O.A.
15.768	5,0	P.O.A.	P.O.A.	P.O.A.	P.O.A.	P.O.A.
15.769	6,0	P.O.A.	P.O.A.	P.O.A.	P.O.A.	P.O.A.
Weight		4,5 kg	2,7 kg	1,8 kg	0,9 kg	5,0 kg



Holder for blade 17.570 with blade R 1,0

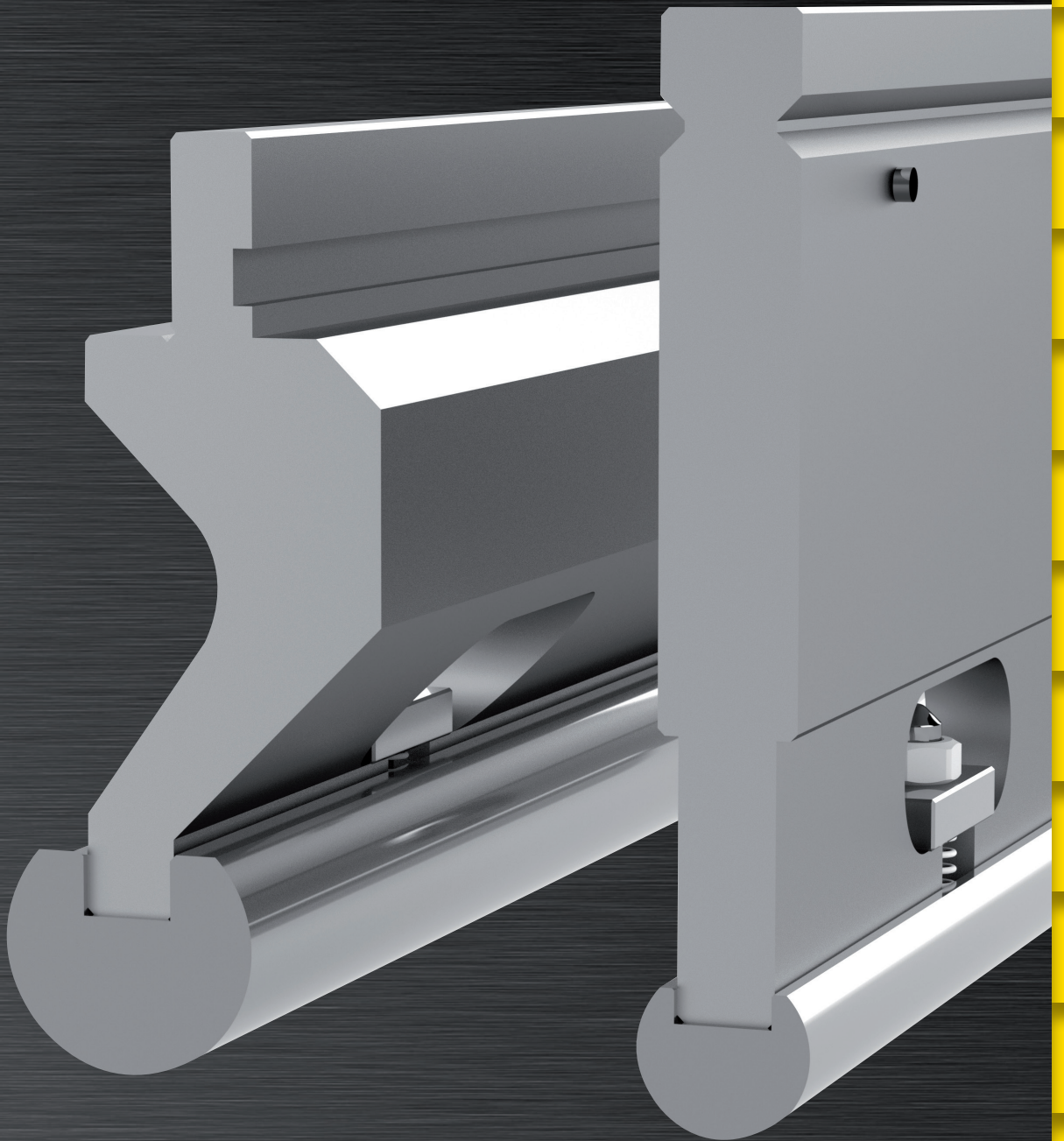


# UKB-HOLDERS FOR RADIUS-TOOLS AND RADIUS-TOOLS R 7,0 – 50,0

Explanation . . . . .	130
Holders for radius-tools . . . . .	131 – 133
Radius-tools R 7,0 – 50,0 . . . . .	134 – 135
Flattening-tool . . . . .	134

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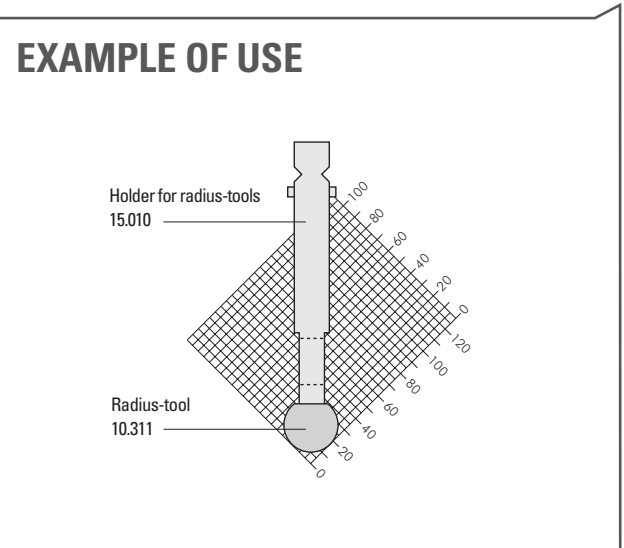




07

## Quality and precision

- ▶ Optimum materials
  - 42 CrMo4, tempered to 1100 – 1200 N/mm<sup>2</sup>
  - C45, 650 – 800 N/mm<sup>2</sup>
- ▶ Radius-tools in two different models:
  - Hardened up to 60 HRC
  - Not hardened
- ▶ Precision ground
- ▶ Guaranteed exchangeability and parallelism
- ▶ Tool marking with all technical information



## Product advantages

- ▶ Cost-saving: One holder for different radius-tools
- ▶ Easy handling
- ▶ No adjustment necessary for R 12,5 – 50,0
- ▶ High stability
- ▶ Flexible application through changeable radius-tools
- ▶ Sectionalized radius-tools on request

**VIDEO**  
UKB-Holders for radius-tools  
and radius-tools  
R 7,0 – 50,0

## LPT-ADVANTAGES

- ▶ **Office hours:** From Monday to Friday from 8:00am to 6:00pm
- ▶ **Dispatch time:** UKB-Holders for radius-tools and radius-tools in **24 h**
- ▶ **Shipping:** Orders placed before 2:00pm on the same working day
- ▶ **Delivery service:**
  - Standard: 2 days typical by courier  
4 days typical (larger shipments over 40 kg)
  - Express service: According agreement
- ▶ **Package:** Ecologically sensitive and safe - with self recycled packing material
- ▶ **Payment options:** 30 days invoice

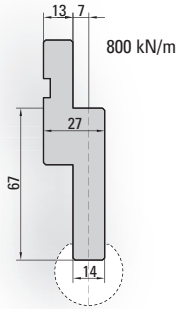
**VIDEO**  
UKB-Image

## Holder for radius-tools

### UKB-SYSTEM AMADA

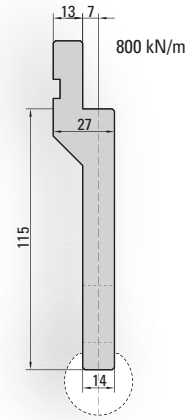
#### 10.115 24h

830 mm	P.O.A.	10,0 kg
412 mm	P.O.A.	5,0 kg



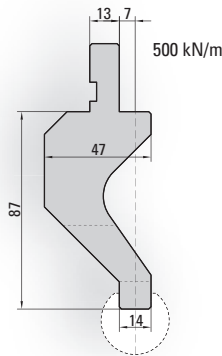
#### 10.116 24h

830 mm	P.O.A.	14,0 kg
412 mm	P.O.A.	7,0 kg



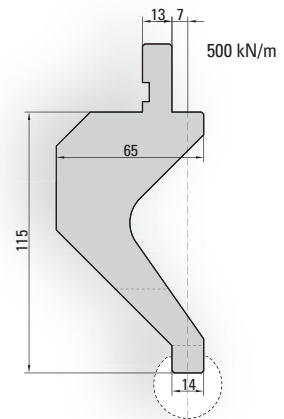
#### 10.190 24h

830 mm	P.O.A.	16,0 kg
412 mm	P.O.A.	8,0 kg



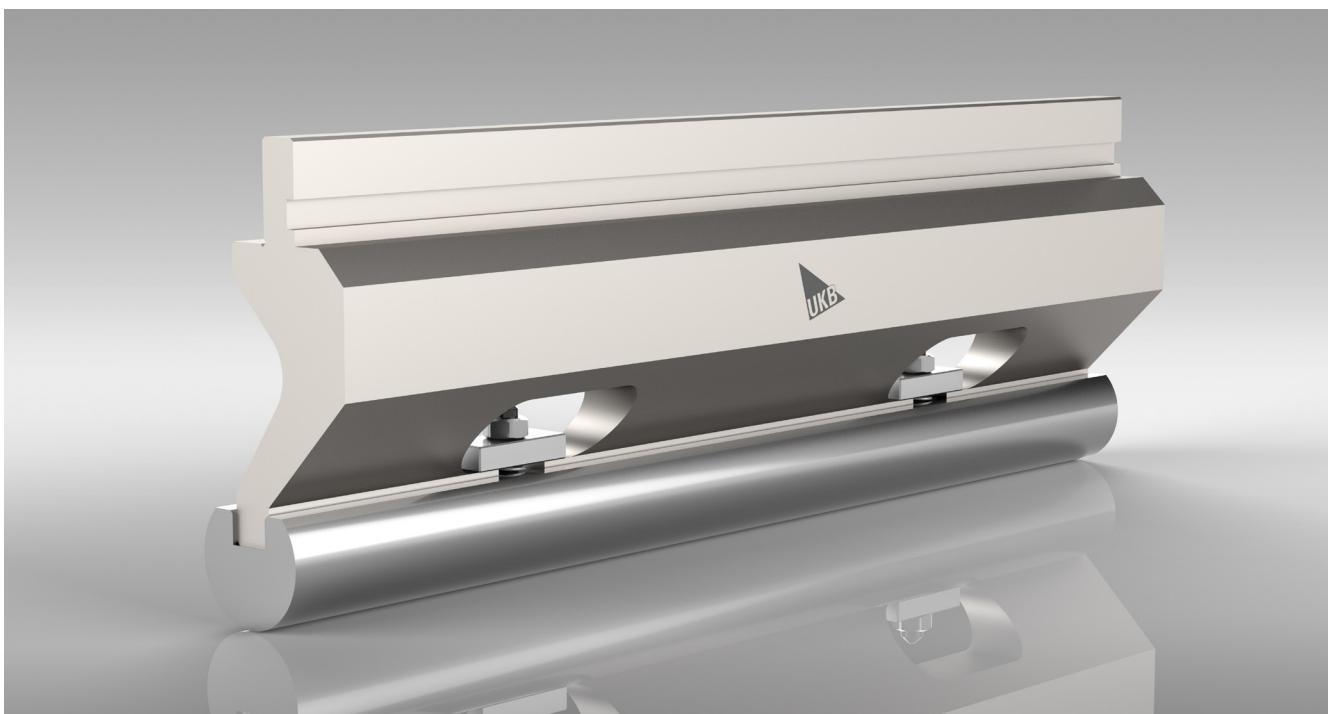
#### 10.191 24h

830 mm	P.O.A.	26,0 kg
412 mm	P.O.A.	13,0 kg



### LPT-INFO

Holder for radius-tools  
and radius-tools R 3,0 - 6,5 see page 25!



Holder for radius tools 10.190 with radius tool R20



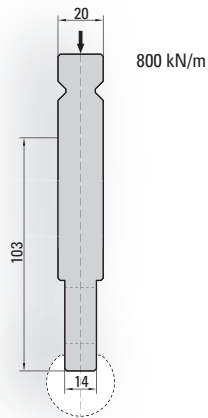
## Holders for radius-tools

### UKB-SYSTEMS TRUMPF/WILA/LVD

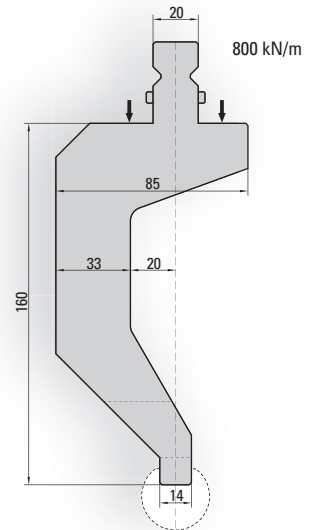
<b>15.010</b> <span style="background-color: yellow;">24h</span>		
Safety pins		
830 mm	P.O.A.	16,0 kg
412 mm	P.O.A.	8,0 kg

Simple Clamp		
412 mm	P.O.A.	8,0 kg

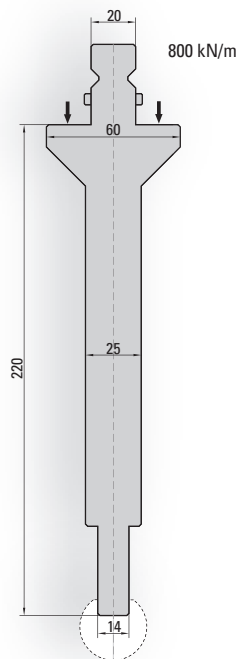
You should not exceed the weight of 12,5 kg incl. the radius tool



<b>15.014</b> <span style="background-color: yellow;">24h</span>		
Safety pins		
830 mm	P.O.A.	47,0 kg
412 mm	P.O.A.	23,5 kg

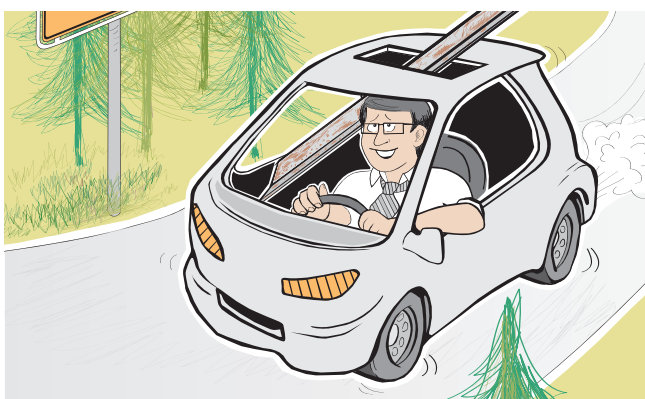
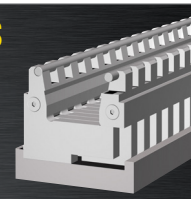


<b>15.018</b> <span style="background-color: yellow;">24h</span>		
Safety pins		
830 mm	P.O.A.	41,0 kg
412 mm	P.O.A.	20,5 kg



### UKB-ADJUSTABLE DIES

see chapter 10



### LPT-FIELD SERVICE

- ▶ Individual advice and sale
- ▶ Technical solutions for special bending tasks
- ▶ Test bending on-site
- ▶ Tool demonstrations
- ▶ Pick up service for tools to rework

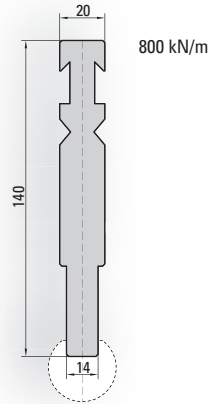


## Holders for radius-tools

### UKB-SYSTEM BYSTRONIC

**14.252** **24h**

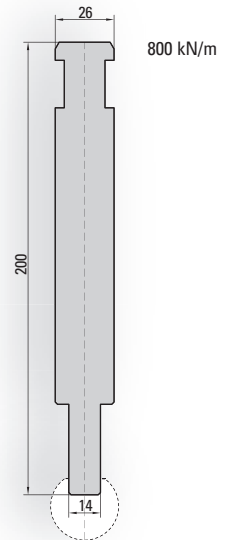
830 mm	P.O.A.	15,5 kg
412 mm	P.O.A.	7,8 kg



### UKB-SYSTEM EHT

**17.010** **24h**

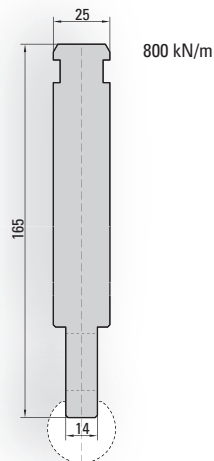
830 mm	P.O.A.	28,2 kg
412 mm	P.O.A.	14,1 kg



### UKB-SYSTEM WEINBRENNER

**17.510** **24h**

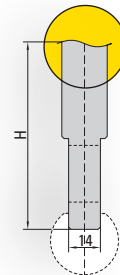
830 mm	P.O.A.	22,6 kg
412 mm	P.O.A.	11,3 kg



### OTHER SYSTEMS

Holder for radius tools with individual clamping, suitable for your press brake

Price and delivery time on request



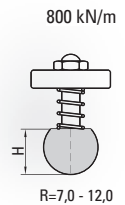
07



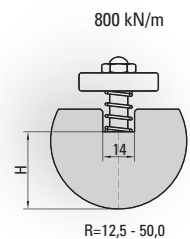
Holder for radius tools 14.252

## Radius-tools R 7,0 – 50,0

R 7,0 – 12,0 <span style="float: right;">24h</span>											
R (mm)	H (mm)	Model	835 mm		415 mm		Model	835 mm		415 mm	
			Price	Weight	Price	Weight		Price	Weight	Price	Weight
7,0	11,5	10.300	P.O.A.	0,90 kg	P.O.A.	0,45 kg	11.300	P.O.A.	0,90 kg	P.O.A.	0,45 kg
7,5	11,5	10.301	P.O.A.	1,00 kg	P.O.A.	0,50 kg	11.301	P.O.A.	1,00 kg	P.O.A.	0,50 kg
8,0	13,0	10.302	P.O.A.	1,20 kg	P.O.A.	0,60 kg	11.302	P.O.A.	1,20 kg	P.O.A.	0,60 kg
9,0	16,0	10.303	P.O.A.	1,60 kg	P.O.A.	0,80 kg	11.303	P.O.A.	1,60 kg	P.O.A.	0,80 kg
10,0	16,0	10.304	P.O.A.	2,00 kg	P.O.A.	1,00 kg	11.304	P.O.A.	2,00 kg	P.O.A.	1,00 kg
11,0	16,0	10.305	P.O.A.	2,10 kg	P.O.A.	1,05 kg	11.305	P.O.A.	2,10 kg	P.O.A.	1,05 kg
11,5	19,0	10.306	P.O.A.	2,50 kg	P.O.A.	1,25 kg	11.306	P.O.A.	2,50 kg	P.O.A.	1,25 kg
12,0	20,0	10.307	P.O.A.	2,70 kg	P.O.A.	1,35 kg	11.307	P.O.A.	2,70 kg	P.O.A.	1,35 kg
C45 Radius-tools not hardened						42CrMo4 Radius-tools hardened up to 60 HRC					

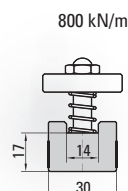


R 12,5 – 50,0 <span style="float: right;">24h</span>											
R (mm)	H (mm)	Model	835 mm		415 mm		Model	835 mm		415 mm	
			Price	Weight	Price	Weight		Price	Weight	Price	Weight
12,5	16,0	10.308	P.O.A.	3,30 kg	P.O.A.	1,65 kg	11.308	P.O.A.	3,30 kg	P.O.A.	1,65 kg
13,0	17,0	10.309	P.O.A.	3,50 kg	P.O.A.	1,75 kg	11.309	P.O.A.	3,50 kg	P.O.A.	1,75 kg
14,0	19,0	10.310	P.O.A.	3,80 kg	P.O.A.	1,90 kg	11.310	P.O.A.	3,80 kg	P.O.A.	1,90 kg
15,0	20,0	10.311	P.O.A.	5,00 kg	P.O.A.	2,50 kg	11.311	P.O.A.	5,00 kg	P.O.A.	2,50 kg
16,0	21,0	10.312	P.O.A.	5,10 kg	P.O.A.	2,55 kg	11.312	P.O.A.	5,10 kg	P.O.A.	2,55 kg
17,0	21,5	10.313	P.O.A.	5,80 kg	P.O.A.	2,90 kg	11.313	P.O.A.	5,80 kg	P.O.A.	2,90 kg
17,5	22,0	10.314	P.O.A.	6,00 kg	P.O.A.	3,00 kg	11.314	P.O.A.	6,00 kg	P.O.A.	3,00 kg
19,0	25,0	10.315	P.O.A.	6,30 kg	P.O.A.	3,15 kg	11.315	P.O.A.	6,30 kg	P.O.A.	3,15 kg
20,0	24,0	10.316	P.O.A.	6,80 kg	P.O.A.	3,40 kg	11.316	P.O.A.	6,80 kg	P.O.A.	3,40 kg
22,5	25,0	10.317	P.O.A.	8,00 kg	P.O.A.	4,00 kg	11.317	P.O.A.	8,00 kg	P.O.A.	4,00 kg
25,0	29,0	10.318	P.O.A.	10,00 kg	P.O.A.	5,00 kg	11.318	P.O.A.	10,00 kg	P.O.A.	5,00 kg
27,5	34,0	10.319	P.O.A.	12,50 kg	P.O.A.	6,25 kg	11.319	P.O.A.	12,50 kg	P.O.A.	6,25 kg
30,0	34,0	10.320	P.O.A.	13,50 kg	P.O.A.	6,75 kg	11.320	P.O.A.	13,50 kg	P.O.A.	6,75 kg
35,0	45,0	10.321	P.O.A.	21,00 kg	P.O.A.	10,50 kg	11.321	P.O.A.	21,00 kg	P.O.A.	10,50 kg
40,0	45,0	10.322	P.O.A.	24,00 kg	P.O.A.	12,00 kg	11.322	P.O.A.	24,00 kg	P.O.A.	12,00 kg
45,0	50,0	10.323	P.O.A.	29,50 kg	P.O.A.	14,75 kg	11.323	P.O.A.	29,50 kg	P.O.A.	14,75 kg
50,0	54,0	10.324	P.O.A.	34,50 kg	P.O.A.	17,25 kg	11.324	P.O.A.	34,50 kg	P.O.A.	17,25 kg
C45 Radius-tools not hardened						42CrMo4 Radius-tools hardened up to 60 HRC					



## Flattening-tool

10.325 <span style="float: right;">24h</span>		
835 mm	P.O.A.	4,00 kg
415 mm	P.O.A.	2,00 kg

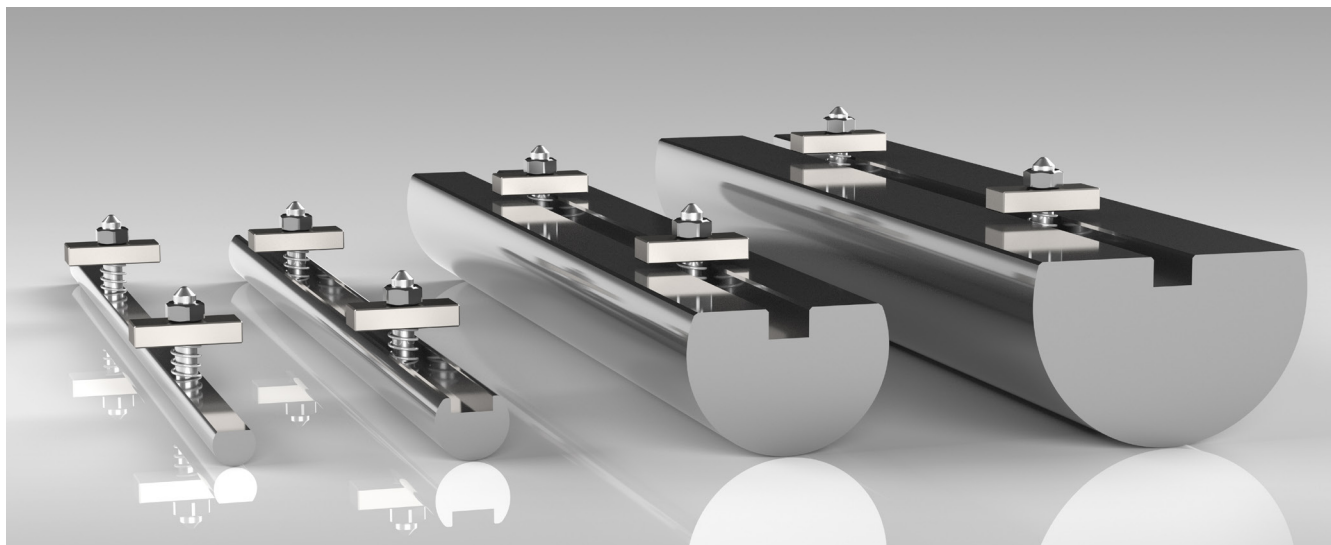


## Radius-tools R 7,0 – 50,0



### LPT-TEST BENDING

Determination of the radius with your sample sheets!



07

## WWW.LPTOOLING.CO.UK

**LPT-Catalogue** > View and download pdf version

**Tool dxf's** > Download tool profile dxf's

**Innovations** > Always the latest news

**Product information** > All UKB-Products at a glance

**Downloads** > Information for you

**Video-channel** > A closer look into the company and interesting product videos



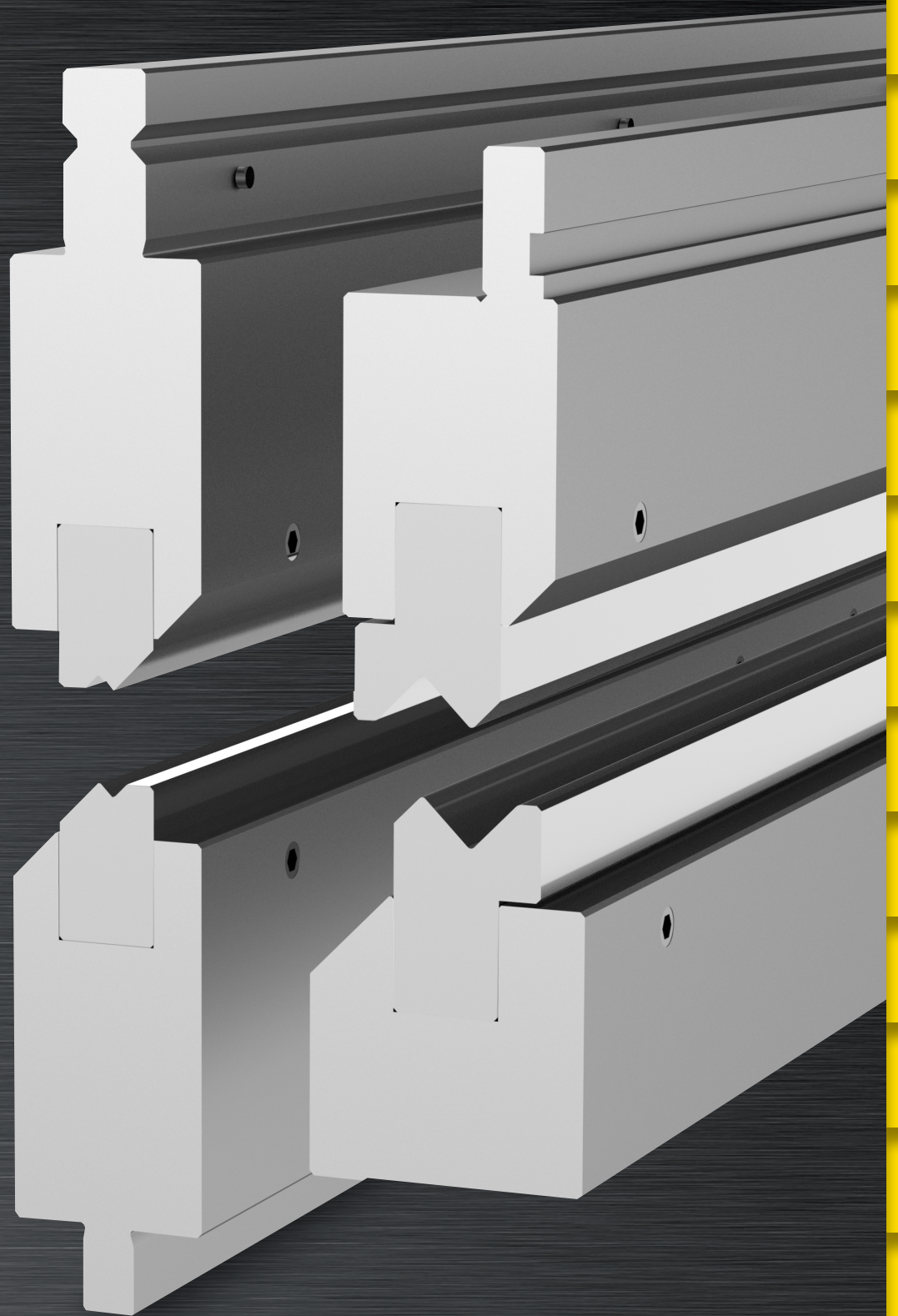
# UKB-Z-TOOL HOLDES AND Z-TOOL INSERTS Z 1,0 – 15,0

Explanation . . . . .	138
Z-Tool holders . . . . .	139 – 140
Flattening insert . . . . .	140
Z-Tool inserts Z 1,0 – 15,0 . . . . .	141

FOLLOW US!







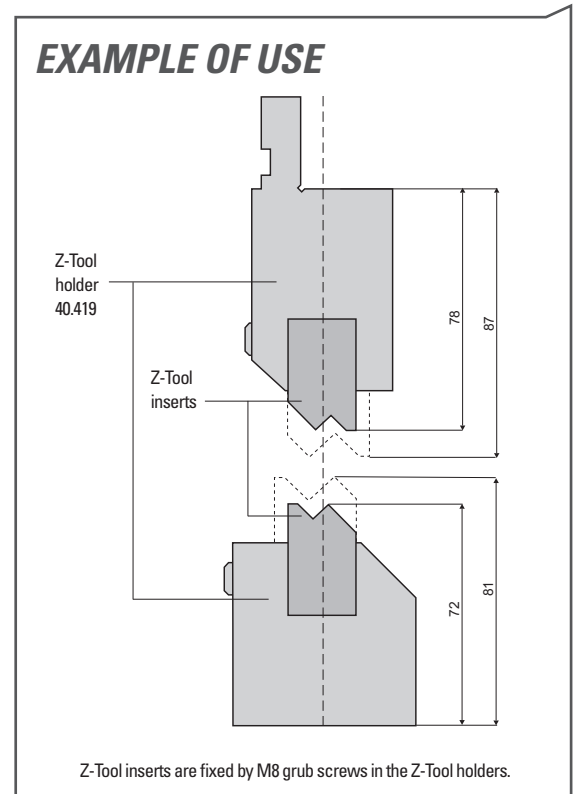


## Quality and precision

- ▶ Optimum materials  
- C45, 650 – 800 N/mm<sup>2</sup>
- ▶ Bending radius/intake radii hardened  
up to 52 – 55 HRC
- ▶ Precision ground
- ▶ Guaranteed exchangeability  
and parallelism
- ▶ Tool marking with all technical information

## Product advantages

- ▶ Cost-saving: One holder for different  
Z-Tool inserts
- ▶ Z-Tool holders and Z-Tool inserts Z 1,0 – 15,0  
are each delivered as a set
- ▶ Flexible application by changeable  
Z-Tool inserts Z 1,0 – 15,0
- ▶ No adjustment necessary
- ▶ Short Z-bending in one stroke
- ▶ Z-bending with long flanges possible
- ▶ Sectionalized Z-Tools on request



### VIDEO

UKB-Z-Tool holders  
and Z-Tool inserts  
Z 1,0 – 15,0



## LPT-ADVANTAGES

- ▶ **Office hours:** From Monday to Friday from 8:00am to 6:00pm
- ▶ **Dispatch time:** UKB-Z-Tool holders and Z-Tool inserts  
Z 1,0 – 15,0 in **24 h**
- ▶ **Shipping:** Orders placed before 2:00pm on the same working day
- ▶ **Delivery service:**
  - Standard: 2 days typical by courier  
4 days typical (larger shipments over 40 kg)
  - Express service: According agreement
- ▶ **Package:** Ecologically sensitive and safe - with self recycled packing material
- ▶ **Payment options:** 30 days invoice

### VIDEO

UKB-Image

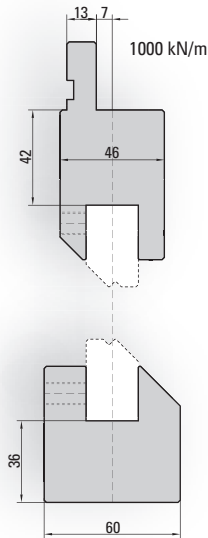


## Z-Tool holders

### UKB-SYSTEM AMADA

**40.419** **24h**

835 mm	P.O.A.	37,4 kg
415 mm	P.O.A.	18,7 kg

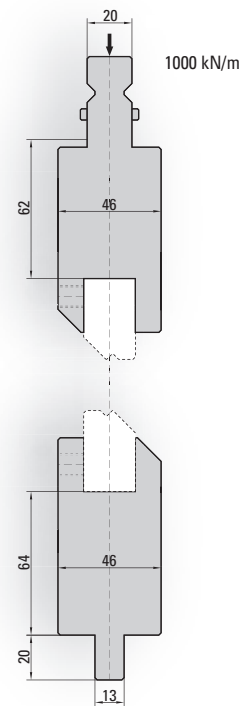


### UKB-SYSTEMS TRUMPF/WILA

**15.050** **24h**

Safety pins

835 mm	P.O.A.	50,0 kg
415 mm	P.O.A.	25,0 kg

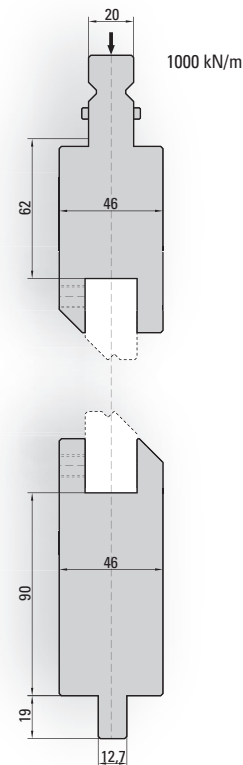


### UKB-SYSTEM LVD

**16.060** **24h**

Safety pins

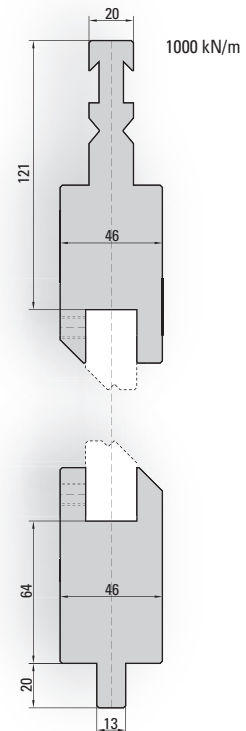
835 mm	P.O.A.	60,0 kg
415 mm	P.O.A.	30,0 kg



### UKB-SYSTEM BYSTRONIC

**14.080** **24h**

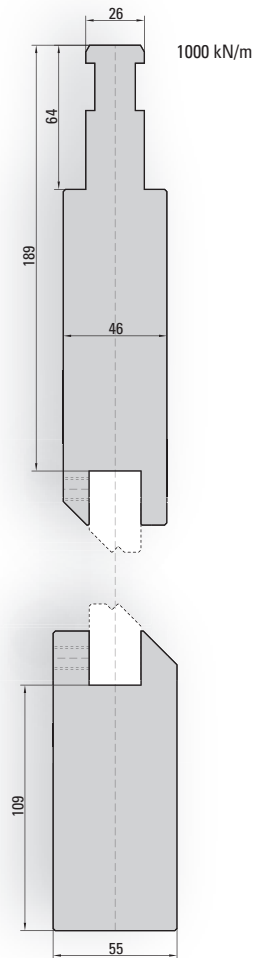
835 mm	P.O.A.	53,0 kg
415 mm	P.O.A.	26,5 kg



## Z-Tool holders

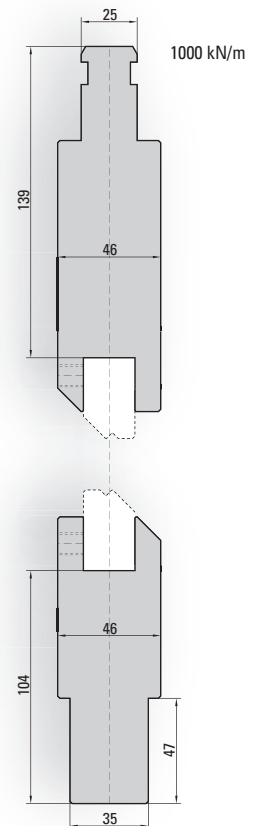
### UKB-SYSTEM EHT

<b>17.050</b>	<b>24h</b>
415 mm	P.O.A. 46,8 kg



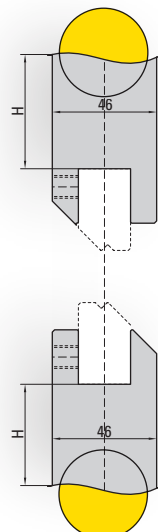
### UKB-SYSTEM WEINBRENNER

<b>17.550</b>	<b>24h</b>
415 mm	P.O.A. 35,0 kg



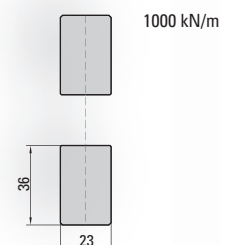
### OTHER SYSTEMS

Z-Tool holder with individual clamping, suitable for your press brake  
**Price and delivery time on request**



### Flattening insert

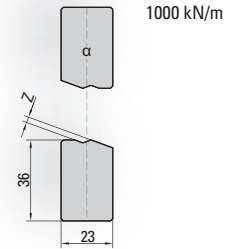
<b>40.500</b>	<b>24h</b>
835 mm	P.O.A. 10,0 kg
415 mm	P.O.A. 5,0 kg



## Z-Tool inserts Z 1,0 – 15,0

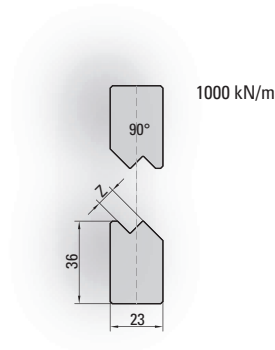
### Z 1,0 – 2,5 24h

Model	$\alpha$	Z (mm)	835 mm	415 mm
			Price	Price
40.510	160°	1,0	P.O.A.	P.O.A.
40.515	160°	1,5	P.O.A.	P.O.A.
40.520	150°	2,0	P.O.A.	P.O.A.
40.525	140°	2,5	P.O.A.	P.O.A.
Weight			10,0 kg	5,0 kg



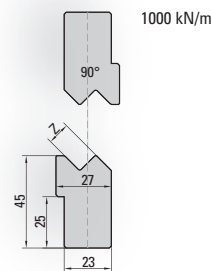
### Z 1,0 – 8,0 24h

Model	$\alpha$	Z (mm)	835 mm	415 mm
			Price	Price
40.511	90°	1,0	P.O.A.	P.O.A.
40.516	90°	1,5	P.O.A.	P.O.A.
40.521	90°	2,0	P.O.A.	P.O.A.
40.526	90°	2,5	P.O.A.	P.O.A.
40.530	90°	3,0	P.O.A.	P.O.A.
40.535	90°	3,5	P.O.A.	P.O.A.
40.540	90°	4,0	P.O.A.	P.O.A.
40.545	90°	4,5	P.O.A.	P.O.A.
40.550	90°	5,0	P.O.A.	P.O.A.
40.555	90°	5,5	P.O.A.	P.O.A.
40.560	90°	6,0	P.O.A.	P.O.A.
40.565	90°	6,5	P.O.A.	P.O.A.
40.570	90°	7,0	P.O.A.	P.O.A.
40.575	90°	7,5	P.O.A.	P.O.A.
40.580	90°	8,0	P.O.A.	P.O.A.
Weight			10,0 kg	5,0 kg



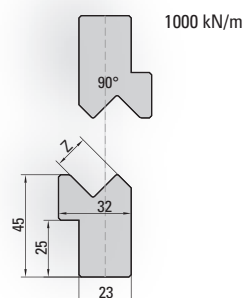
### Z 8,5 – 12,0 24h

Model	$\alpha$	Z (mm)	835 mm	415 mm
			Price	Price
40.585	90°	8,5	P.O.A.	P.O.A.
40.590	90°	9,0	P.O.A.	P.O.A.
40.610	90°	10,0	P.O.A.	P.O.A.
40.611	90°	11,0	P.O.A.	P.O.A.
40.612	90°	12,0	P.O.A.	P.O.A.
Weight			13,5 kg	6,7 kg



### Z 13,0 – 15,0 24h

Model	$\alpha$	Z (mm)	835 mm	415 mm
			Price	Price
40.613	90°	13,0	P.O.A.	P.O.A.
40.614	90°	14,0	P.O.A.	P.O.A.
40.615	90°	15,0	P.O.A.	P.O.A.
Weight			14,5 kg	7,3 kg



# UKB-UNIBEND AND UKB-WINGBEND PLUS

## **UKB-UniBend**

Explanation . . . . .	144 – 145
Die UniBend . . . . .	146
Die adaptors . . . . .	147
Lubricating grease . . . . .	147
Technical data. . . . .	148

## **UKB-UniBend VARIO**

Explanation . . . . .	149
Die UniBend VARIO . . . . .	149
Die holders. . . . .	150
Changeable inserts. . . . .	150

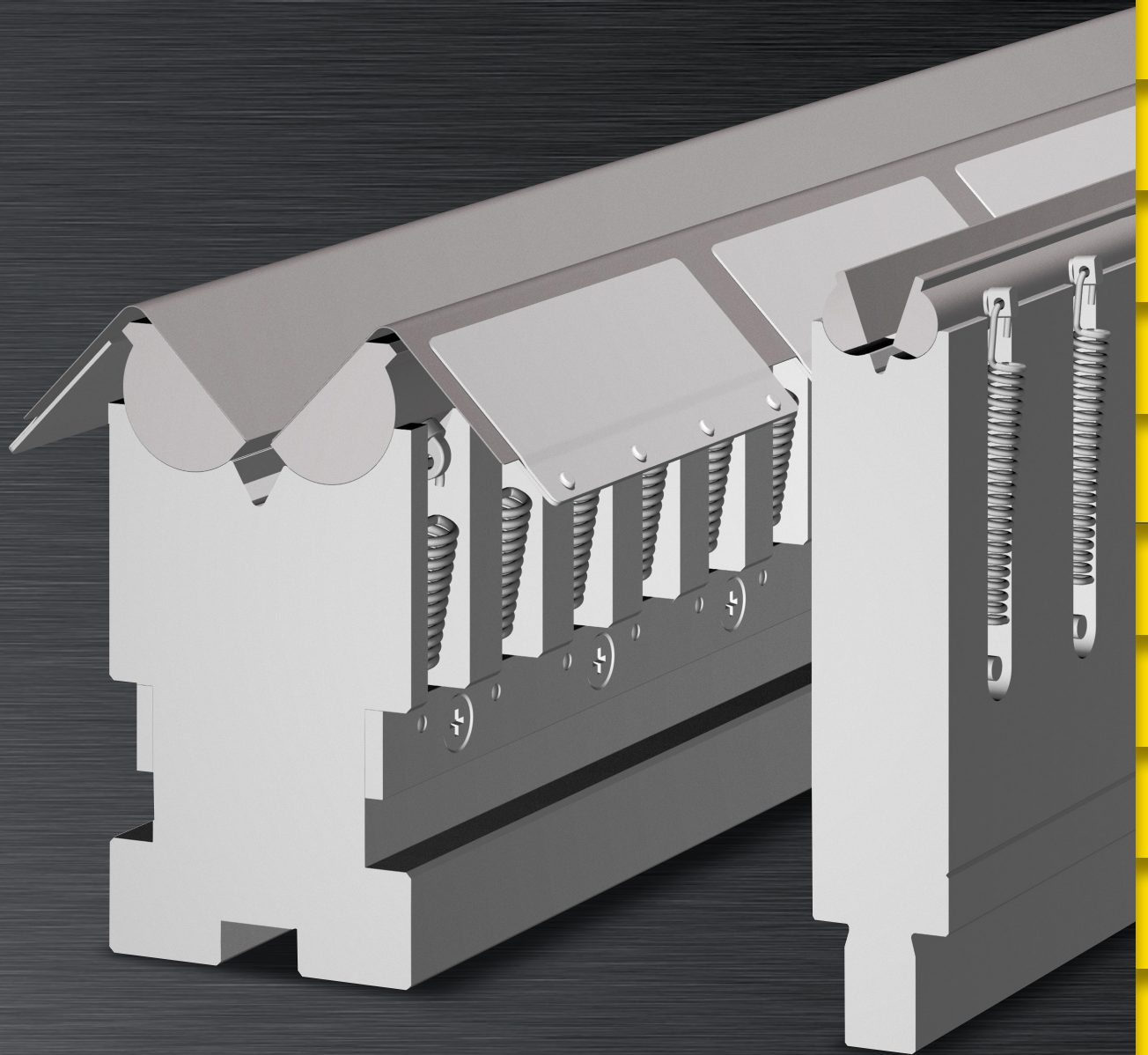
## **UKB-WingBend PLUS**

Explanation . . . . .	151 – 152
Die WingBend PLUS . . . . .	153
Lubricating grease . . . . .	153
Die holders. . . . .	154
Slider for WingBend PLUS . . . . .	154
Technical data. . . . .	155

FOLLOW US!







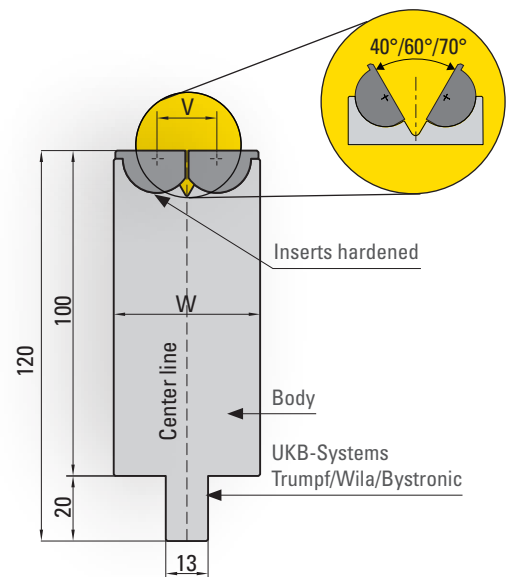
09

## Quality and precision

- ▶ Optimum materials
- ▶ Hardened according to the operation purpose
- ▶ Precision ground
- ▶ Guaranteed exchangeability and parallelism
- ▶ Tool marking with all technical information

## Product advantages

- ▶ Reduces bending marks on sheets
- ▶ Short flanges with minimal marking
- ▶ Holes close to the bending line without deformation
- ▶ Ideal for diagonal and tapered bending
- ▶ Repeatability for punched sheets with steady flanges and exact angles
- ▶ Bulb and chequered plates with minimal marking at the visible surface
- ▶ No damage of the foil while bending laminated sheets
- ▶ Less tool change



## LPT-ADVANTAGES

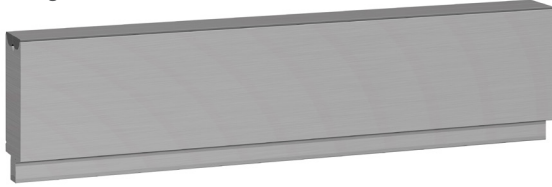
- ▶ **Office hours:** From Monday to Friday from 8:00am to 6:00pm
- ▶ **Dispatch time:** Dies UKB-UniBend in **24 h**
- ▶ **Shipping:** Orders placed before 2:00pm on the same working day
- ▶ **Delivery service:**
  - Standard: 2 days typical by courier  
4 days typical (larger shipments over 40 kg)
  - Express service: According agreement
- ▶ **Package:** Ecologically sensitive and safe - with self recycled packing material
- ▶ **Payment options:** 30 days invoice



## Tool lengths

### DIES

Length 500 mm



Length 300 mm



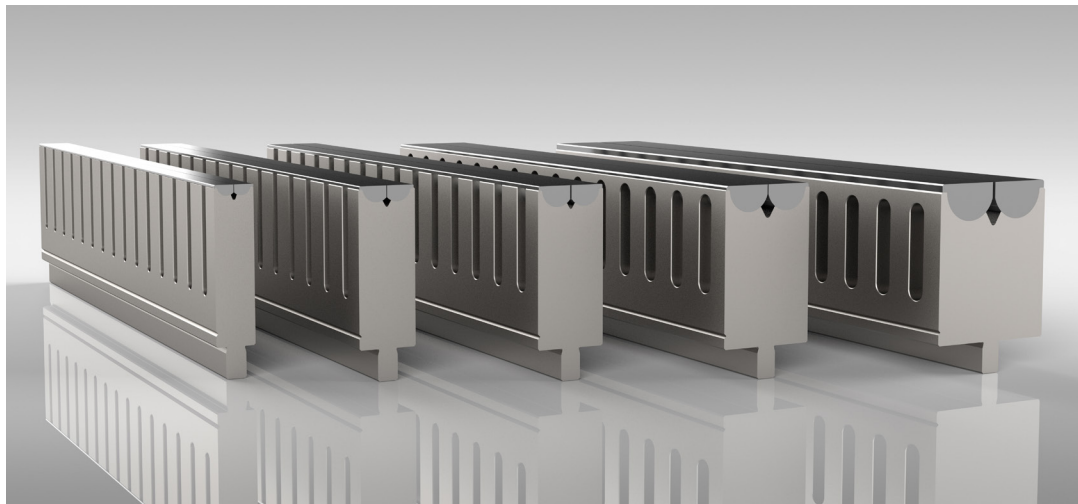
Length 200 mm



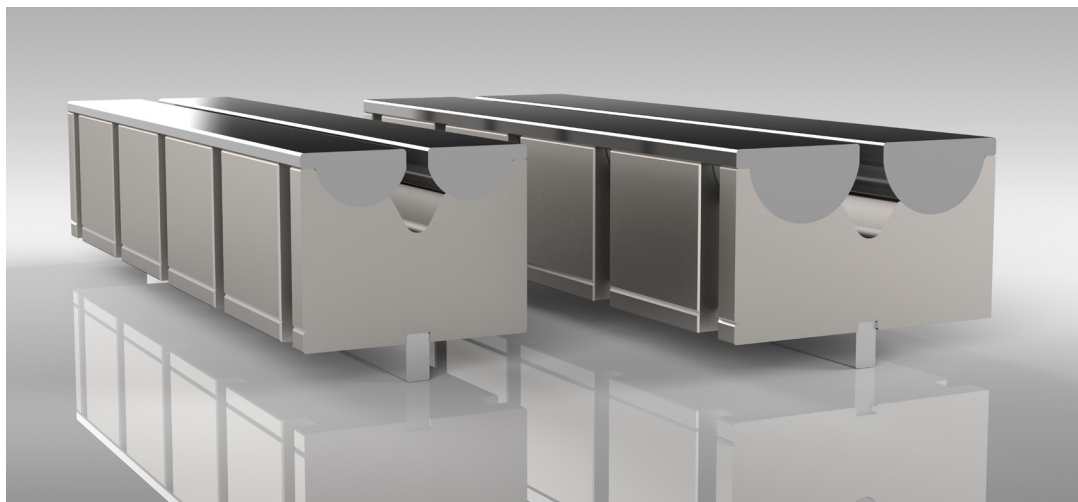
Length 100 mm



Length 50 mm



Dies UniBend 29.000, 29.100, 29.150, 29.200 and 29.300



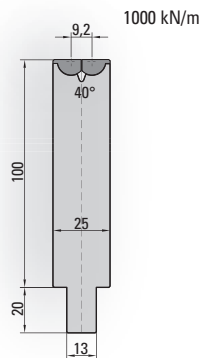
Dies UniBend 29.600 and 29.850



## Dies UniBend

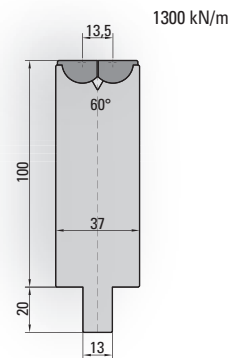
29.000		24h
500 mm	P.O.A.	10,0 kg
300 mm	P.O.A.	6,0 kg
200 mm	P.O.A.	4,0 kg
100 mm	P.O.A.	2,0 kg
50 mm	P.O.A.	1,0 kg

Recommended material thicknesses:  
 $R_m = 450 \text{ N/mm}^2$  max. 2,0 mm  
 $R_m = 700 \text{ N/mm}^2$  max. 1,5 mm



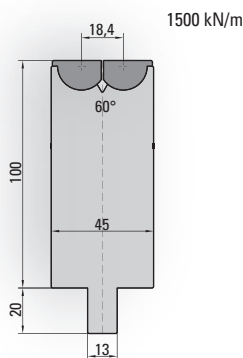
29.100		24h
500 mm	P.O.A.	14,0 kg
300 mm	P.O.A.	8,4 kg
200 mm	P.O.A.	5,6 kg
100 mm	P.O.A.	2,8 kg
50 mm	P.O.A.	1,4 kg

Recommended material thicknesses:  
 $R_m = 450 \text{ N/mm}^2$  max. 3,0 mm  
 $R_m = 700 \text{ N/mm}^2$  max. 2,0 mm



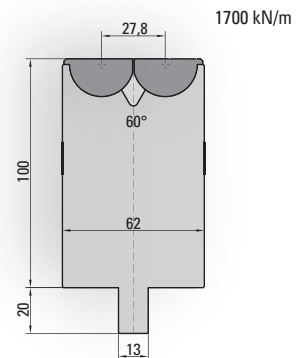
29.150		24h
500 mm	P.O.A.	15,0 kg
300 mm	P.O.A.	9,0 kg
200 mm	P.O.A.	6,0 kg
100 mm	P.O.A.	3,0 kg
50 mm	P.O.A.	1,5 kg

Recommended material thicknesses:  
 $R_m = 450 \text{ N/mm}^2$  max. 4,0 mm  
 $R_m = 700 \text{ N/mm}^2$  max. 3,0 mm



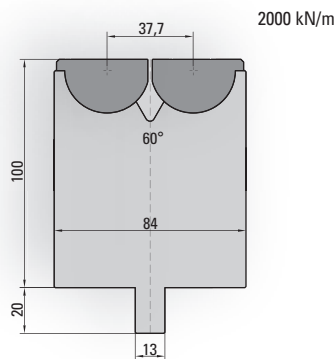
29.200		24h
500 mm	P.O.A.	22,5 kg
300 mm	P.O.A.	13,5 kg
200 mm	P.O.A.	9,0 kg
100 mm	P.O.A.	4,5 kg
50 mm	P.O.A.	2,3 kg

Recommended material thicknesses:  
 $R_m = 450 \text{ N/mm}^2$  max. 5,0 mm  
 $R_m = 700 \text{ N/mm}^2$  max. 4,0 mm



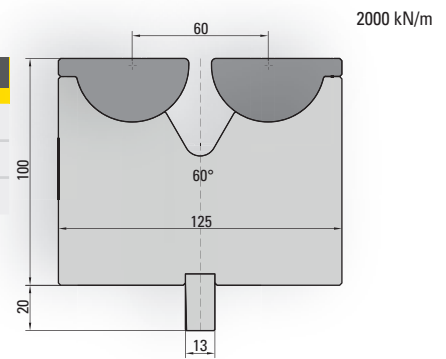
29.300		24h
500 mm	P.O.A.	29,0 kg
300 mm	P.O.A.	17,4 kg
200 mm	P.O.A.	11,6 kg
100 mm	P.O.A.	5,8 kg
50 mm	P.O.A.	2,9 kg

Recommended material thicknesses:  
 $R_m = 450 \text{ N/mm}^2$  max. 6,0 mm  
 $R_m = 700 \text{ N/mm}^2$  max. 5,0 mm



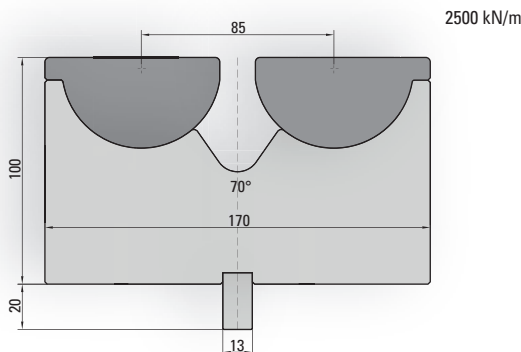
29.600		24h
500 mm	P.O.A.	45,3 kg
300 mm	P.O.A.	27,2 kg
200 mm	P.O.A.	18,2 kg

Recommended material thicknesses:  
 $R_m = 450 \text{ N/mm}^2$  max. 8,0 mm  
 $R_m = 700 \text{ N/mm}^2$  max. 6,0 mm



29.850		24h
500 mm	P.O.A.	61,5 kg
300 mm	P.O.A.	36,8 kg
200 mm	P.O.A.	24,6 kg

Recommended material thicknesses:  
 $R_m = 450 \text{ N/mm}^2$  max. 12,0 mm  
 $R_m = 700 \text{ N/mm}^2$  max. 10,0 mm

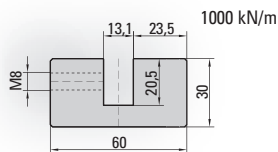


## Die adaptors

### 60.910 24h

1000 mm	P.O.A.	15,0 kg
500 mm	P.O.A.	7,5 kg

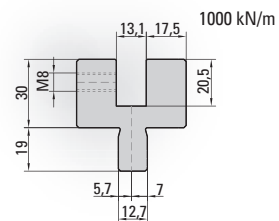
UKB-System Amada →  
UKB-Systems Trumpf/Wila/Bystronic



### 60.935 24h

1000 mm	P.O.A.	11,0 kg
500 mm	P.O.A.	5,5 kg

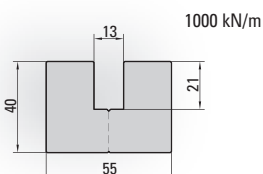
UKB-System LVD →  
UKB-Systems Trumpf/Wila/Bystronic



### 60.940 24h

500 mm	P.O.A.	7,5 kg
--------	--------	--------

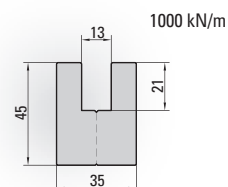
UKB-System EHT →  
UKB-Systems Trumpf/Wila/Bystronic



### 60.950 24h

500 mm	P.O.A.	4,5 kg
--------	--------	--------

UKB-System Weinbrenner →  
UKB-Systems Trumpf/Wila/Bystronic



## Lubricating grease

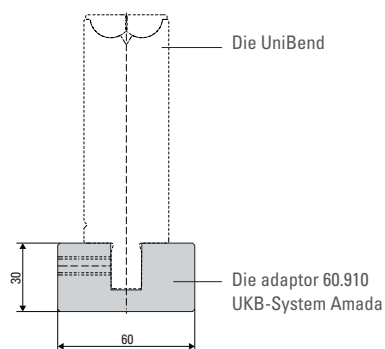
### 40.629 24h

100 ml	P.O.A.
--------	--------



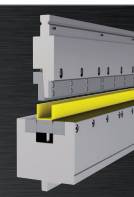
For lubrication of UniBend dies

### EXAMPLE OF USE



### UKB-SPECIAL TOOLS

see chapter 11





## Technical data

**Table of force: Tensile strength  $R_m = 450 \text{ N/mm}^2$ , bending angle  $90^\circ$**

Model	29.000	29.100	29.150	29.200	29.300	29.600	29.850	
Radius of the punch/top tool	R 1,0	R 1,0	R 1,0	R 1,0	R 1,0	R 6,0	R 10,0	
Material thickness 0,5 mm	30	30	20					
Material thickness 1,0 mm	100	60	40	30				
Material thickness 1,5 mm	240	130	90	50				
Material thickness 2,0 mm	530	260	150	100	80			
Material thickness 2,5 mm		460	270	160	130			
Material thickness 3,0 mm		770	510	270	180			
Material thickness 4,0 mm			970	530	400			
Material thickness 5,0 mm				880	660	210		
Material thickness 6,0 mm					1050	580		
Material thickness 8,0 mm						1310	720	
Material thickness 10,0 mm							1350	
Material thickness 12,0 mm	Force in kN/m							1630

**DOWNLOAD**

Manual UKB-UniBend



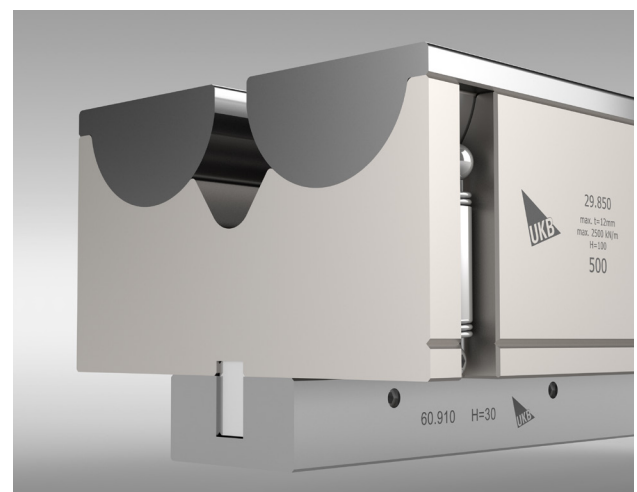
**Reference value for minimum flange: Mild steel**

Model	29.000		29.100		29.150		29.200		29.300		29.600		29.850	
Radius of the punch/top tool	R 0,5	R 1,0	R 1,0	R 1,0	R 3,0	R 1,0	R 4,0	R 1,0	R 4,0	R 4,0	R 6,0	R 6,0	R 10,0	R 10,0
Material thickness 0,5 mm	4,6	4,7	5,6	10,0	10,4									
Material thickness 1,0 mm	5,3	5,3	6,8	10,1	10,5	15,6	16,0							
Material thickness 1,5 mm	5,6	5,7	7,6	10,6	11,0	16,0	16,6							
Material thickness 2,0 mm	5,9	6,1	8,0	10,8	11,2	16,3	17,8	19,4	19,5					
Material thickness 2,5 mm			8,2	11,1	11,5	16,4	17,9	19,8	20,0					
Material thickness 3,0 mm			8,3	11,4	11,9	16,5	18,5	20,6	20,6					
Material thickness 4,0 mm				13,1	13,5	16,8	18,7	21,1	21,2					
Material thickness 5,0 mm						17,0	19,3	22,0	22,0	40,4	40,6			
Material thickness 6,0 mm								23,4	23,2	41,0	41,2			
Material thickness 8,0 mm										42,4	43,0	54,8	55,0	
Material thickness 10,0 mm												55,7	56,3	
Material thickness 12,0 mm	Minimum flange in mm												57,3	57,5

Table of force, reference values for stainless steel and aluminium on our Website:  
[WWW.LPTOOLING.CO.UK](http://WWW.LPTOOLING.CO.UK) or please phone us: 01384 / 443 808



Die UniBend 29.150 and die adaptor 60.910



Die UniBend 29.850 and die adaptor 60.910

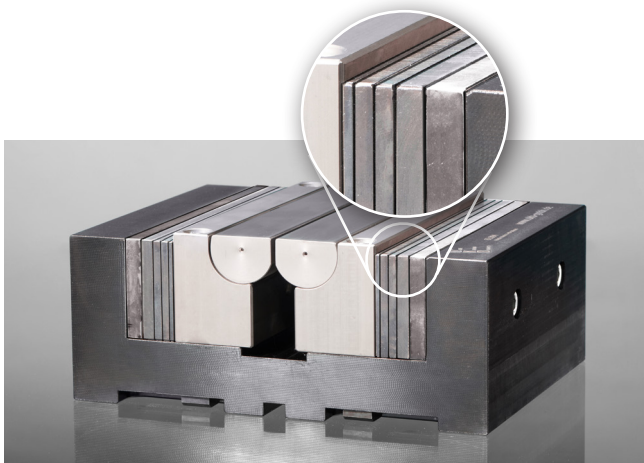
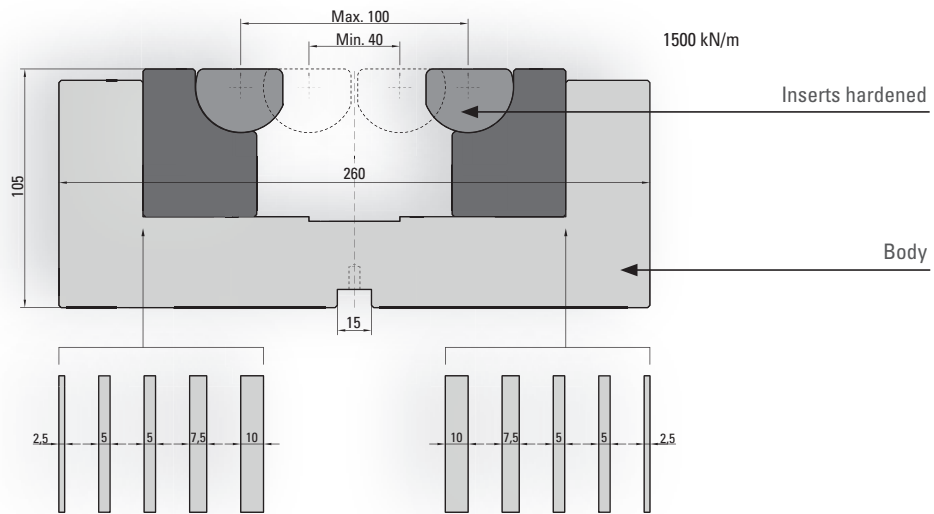
## Die UniBend VARIO

### ADDITIONAL PRODUCT ADVANTAGES UNIBEND VARIO

- ▶ Flexible adjustable V-openings
- ▶ V = 40 – 100 mm
- ▶ Die width fast and easy adjustable, by changing strips, in 5 mm steps

**VIDEO**  
UKB-UniBend and UKB-WingBend PLUS

**62.094** 24h  
200 mm P.O.A. 40,0 kg  
Die UniBend VARIO including inserts type flat and strips in a set:  
Width = 2 x each 2,5/5/5/7,5/10  
max. 12,0 mm material thickness



Strips inserted, V = 40 mm



Without strips, V = 100 mm

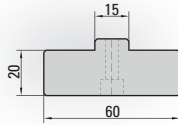


Bending results with UniBend VARIO

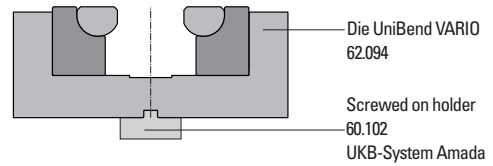
## Die holders

### UKB-SYSTEM AMADA

<b>60.102</b>	<b>24h</b>
200 mm	P.O.A. 2,0 kg

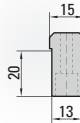


### EXAMPLE OF USE



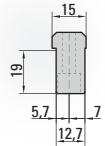
### UKB-SYSTEMS TRUMPF/WILA/BYSTRONIC

<b>60.103</b>	<b>24h</b>
200 mm	P.O.A. 0,6 kg



### UKB-SYSTEM LVD

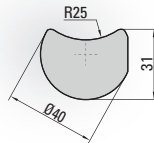
<b>60.105</b>	<b>24h</b>
200 mm	P.O.A. 0,6 kg



## Changeable inserts

<b>62.181</b>	<b>24h</b>
200 mm	P.O.A. 1,5 kg

Insert type concave for 62.094  
Price per piece

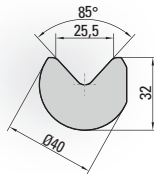


### LPT-INFO

More die holders available!  
Prices and delivery times on request!

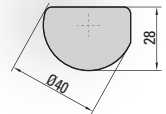
<b>62.182</b>	<b>24h</b>
200 mm	P.O.A. 1,5 kg

Insert type V for 62.094  
Price per piece

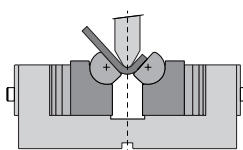


<b>62.183</b>	<b>24h</b>
200 mm	P.O.A. 1,5 kg

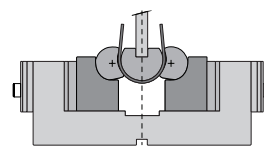
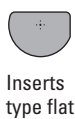
Insert type flat for 62.094  
Price per piece



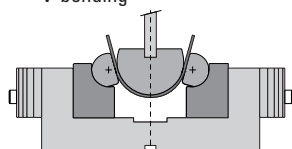
## EXAMPLES OF USE



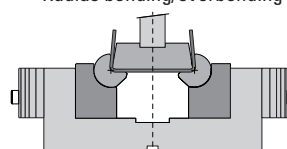
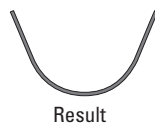
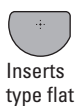
V-bending



Radius bending/overbending



Radius bending



U-bending

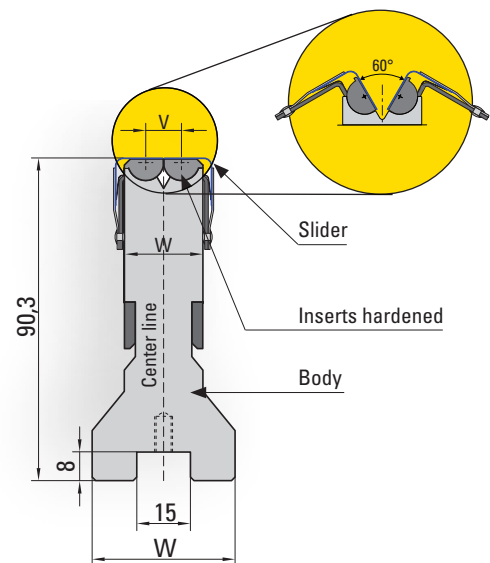


## Quality and precision

- ▶ Optimum materials
- ▶ Hardened according to the operation purpose
- ▶ Precision ground
- ▶ Guaranteed exchangeability and parallelism
- ▶ Tool marking with all technical information

## Product advantages

- ▶ Avoids bending marks on sheets via Slider
- ▶ Short flanges with minimal marking
- ▶ Holes close to the bending line without deformation
- ▶ Ideal for diagonal and tapered bending
- ▶ Repeatability for punched sheets with steady flanges and exact angles
- ▶ Bulb and chequered plates with minimal marking at the visible surface
- ▶ No tool contamination while bending galvanized material or aluminium
- ▶ No reworking of workpieces necessary
- ▶ Increased product quality
- ▶ Less tool change



### VIDEO

UKB-UniBend and UKB-WingBend PLUS



## LPT-ADVANTAGES

- ▶ **Office hours:** From Monday to Friday from 8:00am to 6:00pm
- ▶ **Dispatch time:** Dies UKB-WingBend PLUS in **24 h**
- ▶ **Shipping:** Orders placed before 2:00pm on the same working day
- ▶ **Delivery service:**
  - Standard: 2 days typical by courier  
4 days typical (larger shipments over 40 kg)
  - Express service: According agreement
- ▶ **Package:** Ecologically sensitive and safe - with self recycled packing material
- ▶ **Payment options:** 30 days invoice

### VIDEO

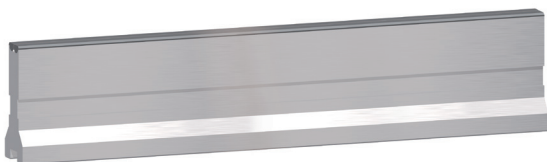
UKB-Image



## Tool lengths

### DIES

Length 500 mm



Length 200 mm



Length 100 mm



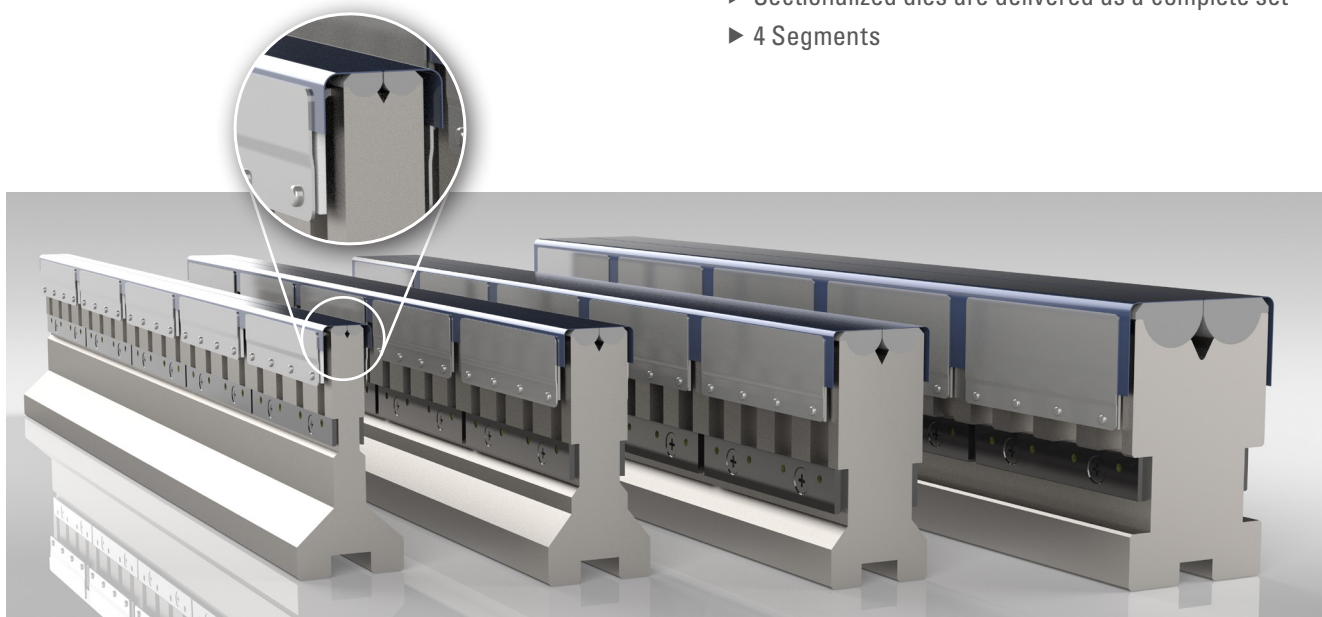
Length 50 mm



Length 90 mm sectionalized



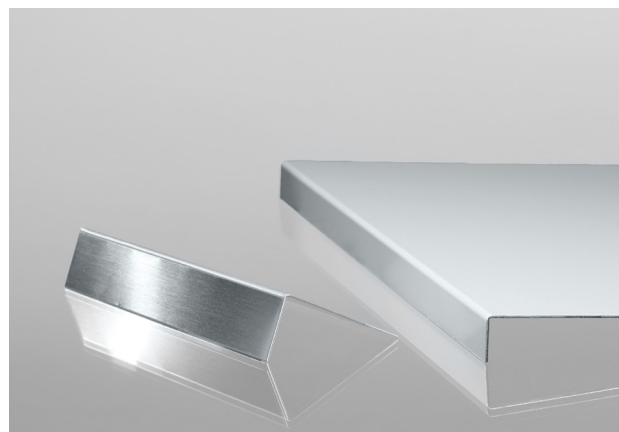
- ▶ Sectionalized dies are delivered as a complete set
- ▶ 4 Segments



Dies WingBend PLUS 62.120, 62.230, 62.350 and 62.650s (incl. Slider)



Holes near the bending line without deformation possible



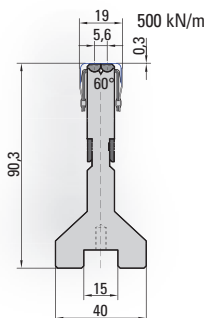
Anodized aluminium and polished stainless steel sheet with no visible bending marks on the surface



## Dies WingBend PLUS

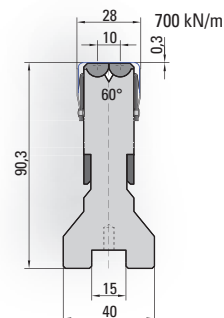
62.120		24h
500 mm	P.O.A.	5,5 kg
200 mm	P.O.A.	2,2 kg
100 mm	P.O.A.	1,1 kg
50 mm	P.O.A.	0,6 kg
90 mm sectionalized	P.O.A.	1,0 kg

Incl. Slider in particular tool length  
 Recommended material thicknesses:  
 $R_m = 450 \text{ N/mm}^2$  max. 1,2 mm  
 $R_m = 700 \text{ N/mm}^2$  max. 1,0 mm



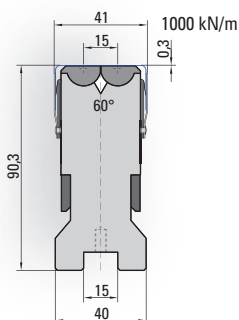
62.230		24h
500 mm	P.O.A.	8,0 kg
200 mm	P.O.A.	3,2 kg
100 mm	P.O.A.	1,6 kg
50 mm	P.O.A.	0,8 kg
90 mm sectionalized	P.O.A.	1,5 kg

Incl. Slider in particular tool length  
 Recommended material thicknesses:  
 $R_m = 450 \text{ N/mm}^2$  max. 2,3 mm  
 $R_m = 700 \text{ N/mm}^2$  max. 1,5 mm



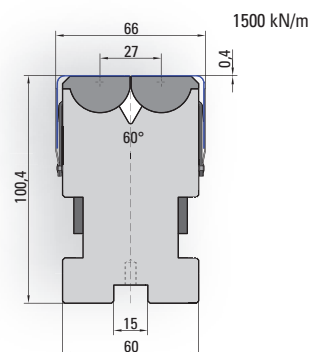
62.350		24h
500 mm	P.O.A.	8,3 kg
200 mm	P.O.A.	4,1 kg
100 mm	P.O.A.	2,1 kg
50 mm	P.O.A.	1,1 kg

Incl. Slider in particular tool length  
 Recommended material thicknesses:  
 $R_m = 450 \text{ N/mm}^2$  max. 3,5 mm  
 $R_m = 700 \text{ N/mm}^2$  max. 2,5 mm



62.650s		24h
500 mm	P.O.A.	18,0 kg
200 mm	P.O.A.	7,2 kg
100 mm	P.O.A.	3,6 kg
50 mm	P.O.A.	1,8 kg

Incl. Slider in particular tool length  
 Recommended material thicknesses:  
 $R_m = 450 \text{ N/mm}^2$  max. 6,5 mm  
 $R_m = 700 \text{ N/mm}^2$  max. 4,0 mm



## Lubricating grease

40.629		24h
100 ml	P.O.A.	



For lubrication of WingBend PLUS dies

### LPT-TEST BENDING

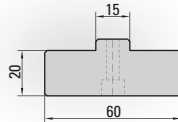
First test bending - then order!  
 Free of charge - with your sample sheets!



## Die holders

### UKB-SYSTEM AMADA

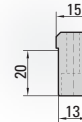
60.102		24h
500 mm	P.O.A.	5,2 kg
200 mm	P.O.A.	2,0 kg
100 mm	P.O.A.	1,0 kg
50 mm	P.O.A.	0,5 kg
90 mm sectionalized	P.O.A.	0,9 kg



Screwed on holder

### UKB-SYSTEMS TRUMPF/WILA/BYSTRONIC

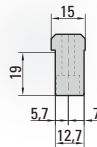
60.103		24h
500 mm	P.O.A.	1,5 kg
200 mm	P.O.A.	0,6 kg
100 mm	P.O.A.	0,3 kg
50 mm	P.O.A.	0,2 kg
90 mm sectionalized	P.O.A.	0,3 kg



Screwed on holder

### UKB-SYSTEM LVD

60.105		24h
500 mm	P.O.A.	1,5 kg
200 mm	P.O.A.	0,6 kg
100 mm	P.O.A.	0,3 kg
50 mm	P.O.A.	0,2 kg
90 mm sectionalized	P.O.A.	0,3 kg



Screwed on holder

#### LPT-INFO

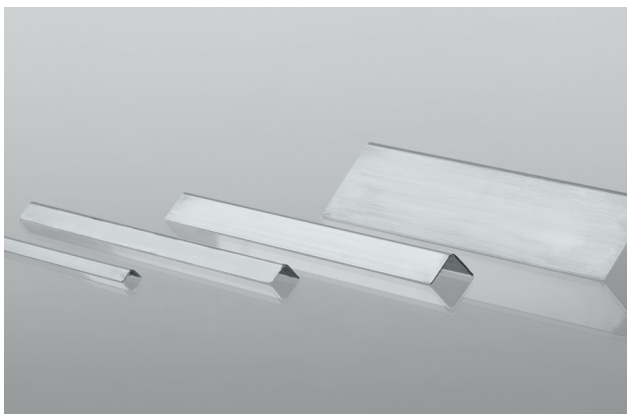
More die holders available!  
Prices and delivery times on request!

## Slider for WingBend PLUS

- ▶ Avoids bending marks on sheets
- ▶ Continuously slider in favoured lengths up to 2000/3000 mm available
- ▶ Slider for model 62.120 up to a length of 2000 mm available in one piece
- ▶ Slider for models 62.230, 62.350, 62.650s up to a length of 3000 mm available in one piece

#### LPT-INFO

Slider in all lengths available!  
Prices on request!



Slider for WingBend PLUS



Dies WingBend PLUS with continuously Slider

## Technical data

**Table of force: Tensile strength  $R_m = 450 \text{ N/mm}^2$ , bending angle  $90^\circ$**

Model	62.120		62.230			62.350			62.650s			
Radius of the punch/top tool	R 0,2	R 1,0	R 0,2	R 1,0	R 3,0	R 0,2	R 1,0	R 3,0	R 1,0	R 3,0	R 5,0	R 10,0
Material thickness 0,3 mm	40	50	40	50	50							
Material thickness 0,5 mm	50	60	50	50	50	40	40	40	100	100	100	220
Material thickness 0,8 mm	100	130	70	80	90	40	50	50	100	110	130	230
Material thickness 1,0 mm	150	190	80	100	130	60	60	70	120	120	140	250
Material thickness 1,2 mm	240	300	110	140	180	70	70	80	120	120	150	270
Material thickness 1,6 mm			200	220	250	120	130	140	120	130	160	280
Material thickness 2,0 mm			300	330		190	200	220	130	140	160	360
Material thickness 2,3 mm			400	420		240	240	260	140	150	190	390
Material thickness 2,6 mm						340	360	470	190	200	240	510
Material thickness 3,2 mm						550	660		270	280	310	
Material thickness 4,0 mm									430	440	510	
Material thickness 4,6 mm									530	540	660	
Material thickness 6,0 mm	Force in kN/m								1000	1070		

**Reference value for minimum flange: Mild steel**

Model	62.120		62.230		62.350	62.650s	
Radius of the punch/top tool	R 0,5	R 1,0	R 0,5	R 1,0	R 1,0	R 1,0	R 4,0
Material thickness 0,5 mm	2,7	2,9					
Material thickness 0,8 mm	3,2	3,4	4,7	4,9	5,6		
Material thickness 1,0 mm	3,5	3,6	5,4	5,5	7,1	7,7	7,2
Material thickness 1,5 mm			6,0	6,1	8,1	8,2	9,2
Material thickness 2,0 mm			6,4	6,6	8,3	10,4	10,9
Material thickness 2,5 mm					8,9	11,7	12,3
Material thickness 3,0 mm					9,4	13,3	13,9
Material thickness 4,0 mm						15,1	15,8
Material thickness 5,0 mm	Minimum flange in mm					16,1	16,3

**DOWNLOAD**

Manual  
UKB-WingBend PLUS



09

Table of force, reference values for stainless steel and aluminium on our Website:  
[WWW.LPTOOLING.CO.UK](http://WWW.LPTOOLING.CO.UK) or please phone us: 01384 / 443 808



The comparison: Bending results with WingBend PLUS and standard-V-die

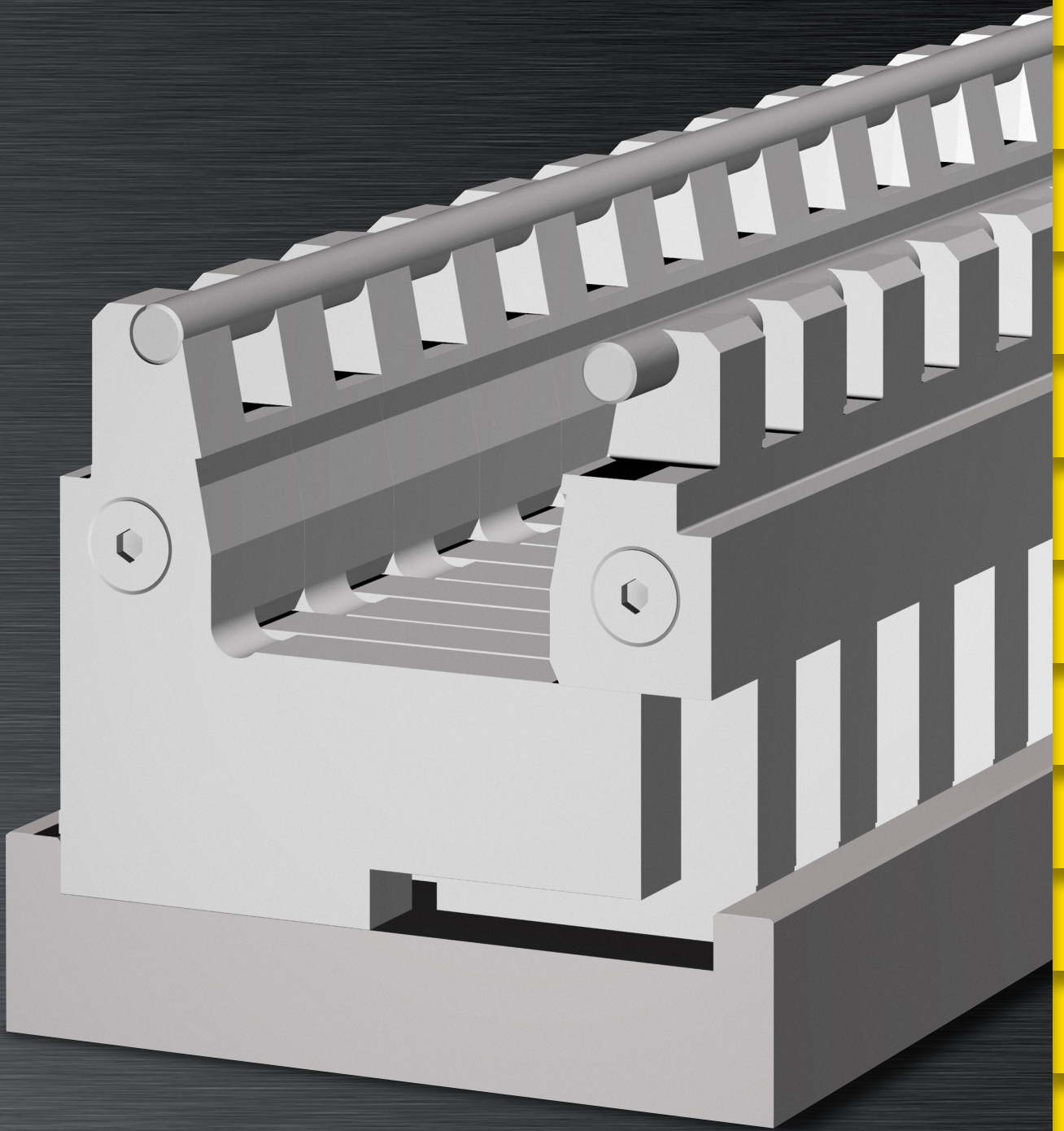
# UKB-ADJUSTABLE DIES

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FOLLOW US!







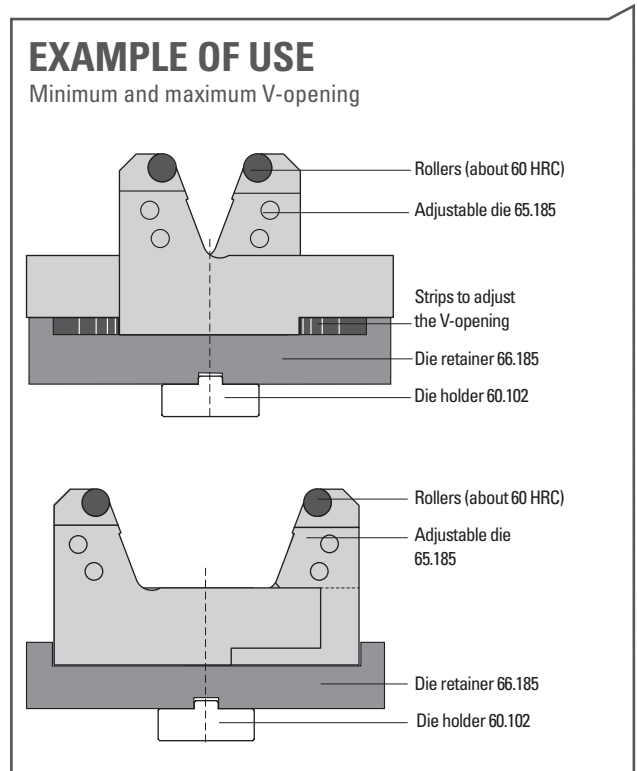


## Quality and precision

- ▶ Optimum materials
- ▶ Precision ground
- ▶ Guaranteed exchangeability and parallelism

## Product advantages

- ▶ Variable adjustable V-openings
  - V = 25 – 125 mm
  - V = 65 – 185 mm
  - V = 120 – 300 mm
  - V = 150 – 400 mm
- ▶ V-openings fast and easy adjustable via change of the strips
- ▶ Less setup time through less die changes
- ▶ Usable for materials with high resistance
- ▶ Through rotating and hardened rollers (about 60 HRC):
  - Mark reduced bending
  - Less press capacity needed (up to 30% less)
  - High lifetime
- ▶ Minimum maintenance costs through changeable components
- ▶ Via die holder directly applicable on all press brakes



## LPT-ADVANTAGES

- ▶ **Office hours:** From Monday to Friday from 8:00am to 6:00pm
- ▶ **Dispatch time:** UKB-Adjustable dies in **24 h**
- ▶ **Shipping:** Orders placed before 2:00pm on the same working day
- ▶ **Delivery service:**
  - Standard: 2 days typical by courier  
4 days typical (larger shipments over 40 kg)
  - Express service: According agreement
- ▶ **Package:** Ecologically sensitive and safe - with self recycled packing material
- ▶ **Payment options:** 30 days invoice

# UKB-ADJUSTABLE DIES

sales@lptooling.co.uk . www.lptooling.co.uk

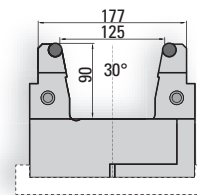
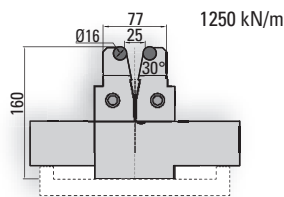


## Adjustable dies

### 65.125 24h

Length	Price	Weight
250 mm	P.O.A.	34,0 kg
500 mm	P.O.A.	64,0 kg
1000 mm	P.O.A.	125,0 kg

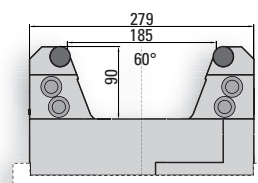
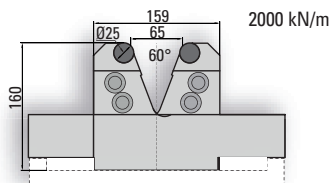
- V = 25 – 125 mm
- $\alpha$  = max. 30°
- Radius of the rollers R = 8 mm
- Recommended material thickness:  
About 3 – 15 mm at a tensile strength  
 $R_m = 450 \text{ N/mm}^2$   
1250 kN/m max. at 90°



### 65.185 24h

Length	Price	Weight
250 mm	P.O.A.	44,0 kg
500 mm	P.O.A.	86,0 kg
1000 mm	P.O.A.	170,0 kg

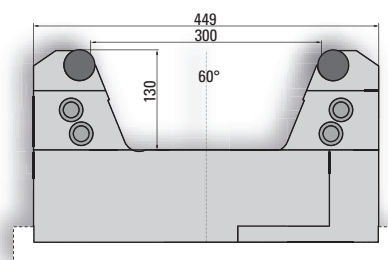
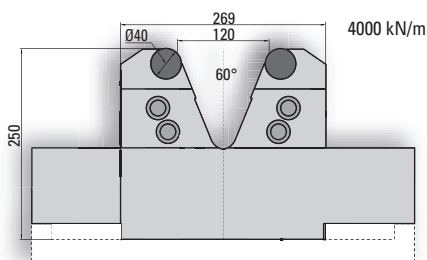
- V = 65 – 185 mm
- $\alpha$  = max. 60°
- Radius of the rollers R = 12,5 mm
- Recommended material thickness:  
About 6 – 20 mm at a tensile strength  
 $R_m = 450 \text{ N/mm}^2$   
2000 kN/m max. at 90°



### 65.300 24h

Length	Price	Weight
600 mm	P.O.A.	360,0 kg

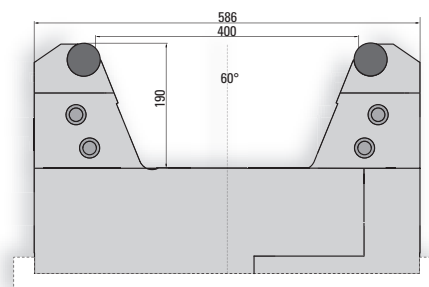
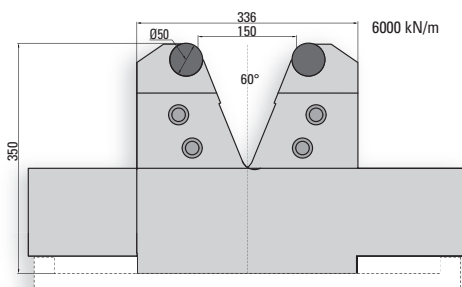
- V = 120 – 300 mm
- $\alpha$  = max. 60°
- Radius of the rollers R = 20 mm
- Recommended material thickness:  
About 8 – 30 mm at a tensile strength  
 $R_m = 450 \text{ N/mm}^2$   
4000 kN/m max. at 90°



### 65.400 24h

Length	Price	Weight
600 mm	P.O.A.	560,0 kg

- V = 150 – 400 mm
- $\alpha$  = max. 60°
- Radius of the rollers R = 25 mm
- Recommended material thickness:  
About 10 – 50 mm at a tensile strength  
 $R_m = 450 \text{ N/mm}^2$   
6000 kN/m max. at 90°



# UKB-ADJUSTABLE DIES

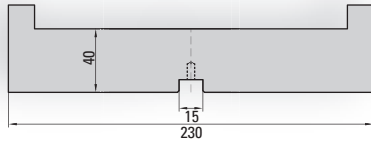
Phone 01384 443 808 . Fax 01384 393 985

## Die retainers for adjustable dies 65.125 and 65.185

**66.125** **24h**

500 mm P.O.A. 38,0 kg

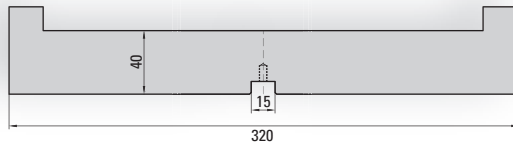
For model 65.125



**66.185** **24h**

500 mm P.O.A. 53,0 kg

For model 65.185



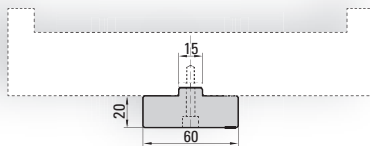
## Die holders

### UKB-SYSTEM AMADA

**60.102** **24h**

499 mm P.O.A. 5,2 kg

Screwed on die holder

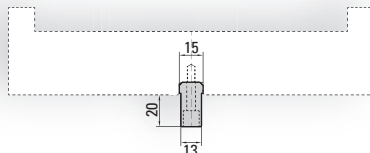


### UKB-SYSTEMS TRUMPF/WILA/BYSTRONIC

**60.103** **24h**

499 mm P.O.A. 1,5 kg

Screwed on die holder

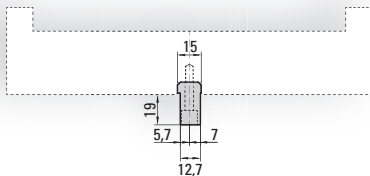


### UKB-SYSTEM LVD

**60.105** **24h**

496 mm P.O.A. 1,5 kg

Screwed on die holder



## LPT-TEST BENDING

First test bending - then order!  
Free of charge - with your sample sheets!



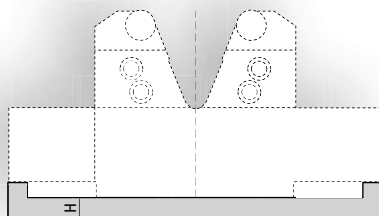
## LPT-INFO

More die holders available!  
Prices and delivery times on request!

## Individual die retainer for adjustable dies 65.300 and 65.400

Individual die retainer after your specifications  
suitable for your press brake

Price and delivery time on request

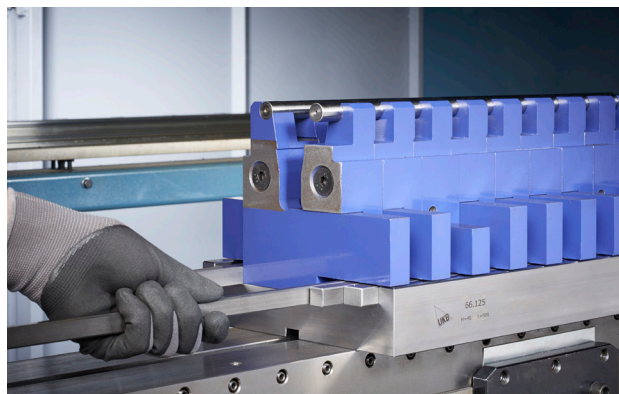
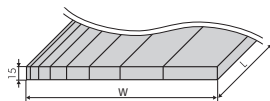


## Strips to adjust the V-opening width

### 66.000 H = 15 24h

Length (L)	Price	Weight
500 mm	P.O.A.	21,0 kg

For model 65.125 and 65.185  
Strips in a set:  
Width = 2 x each 2/5/10/15/20/30/40/50 mm

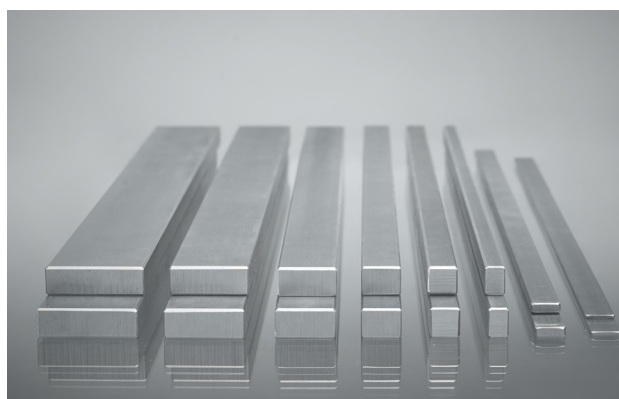
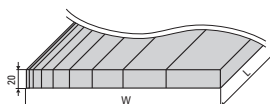


Variable adjustable V-openings

### 66.000 H = 20

Length (L)	Price	Weight
600 mm	P.O.A.	45,0 kg

For model 65.300  
Strips in a set:  
Width = 2 x each 2/5/10/15/20/30/40/50/60 mm  
**Delivery time on request**

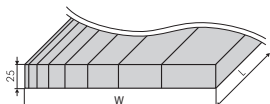


Strips to adjust the V-openings

### 66.000 H = 25

Length (L)	Price	Weight
600 mm	P.O.A.	55,0 kg

For model 65.400  
Strips in a set:  
Width = 2 x each 5/10/15/20/30/40/50/60 mm  
**Delivery time on request**



### LPT-INFO

Other lengths up to 3000 mm available.  
Prices and delivery times on request!

## Dust protection film

### PRODUCT ADVANTAGES

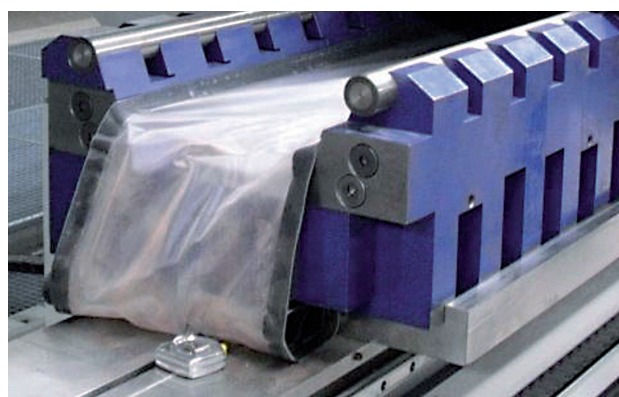
- ▶ Protects the inside of the die
- ▶ No blockade of the die through tinder, dust, etc.
- ▶ Adjustment via hook-and-loop tape

### Dust protection film 24h

Model	For Model	Length	Price	Weight
67.125	65.125	5 m	P.O.A.	1,0 kg
67.185	65.185	5 m	P.O.A.	1,0 kg
67.300	65.300	5 m	P.O.A.	1,0 kg
67.400	65.400	5 m	P.O.A.	1,0 kg

### LPT-INFO

The use of the dust protection film is recommended!



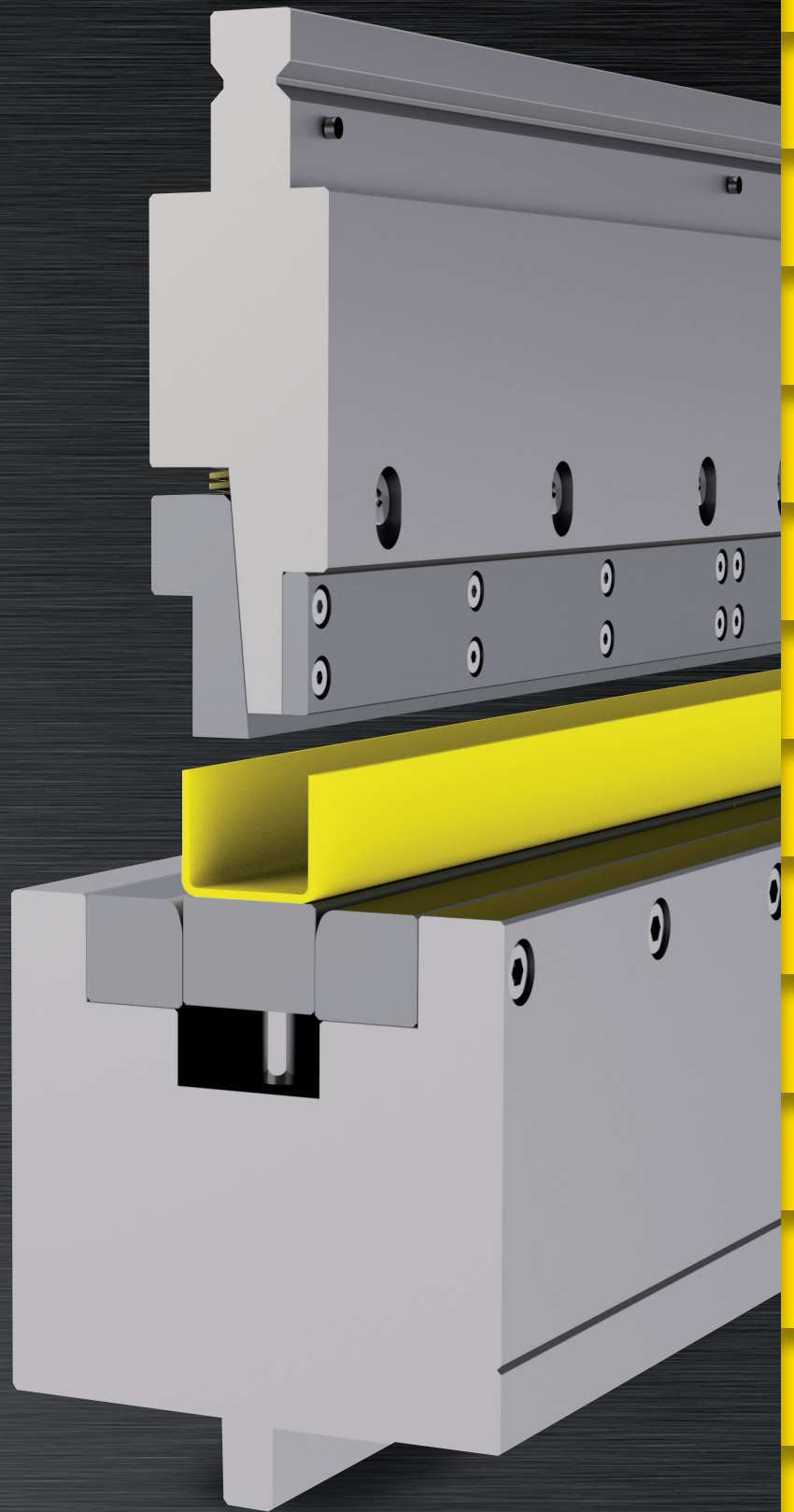
# UKB-SPECIAL TOOLS

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FOLLOW US!







## Quality and precision

- ▶ Use of optimum materials, hardened according to the operation purpose, polished and coated
- ▶ Surfaces ground or fine milled
- ▶ Use of pneumatic and electronic components possible
- ▶ Technical documentation
- ▶ Extensive quality tests
- ▶ Tool marking with all technical information



## LPT-ADVANTAGES

- ▶ **Office hours:** From Monday to Friday from 8:00am to 6:00pm
- ▶ **Full service:** Construction, development, production
- ▶ **Machinery:** State of the art CNC-machining centers
- ▶ **Production possibilities:** Up to 6000 mm tool length
- ▶ **Know-How:** Well-trained experts for special tools
- ▶ **Technical equipment:** Latest CAD/CAM Software
- ▶ **Test bending:** Functional test in accordance with your sample sheets
- ▶ **Package:** Ecologically sensitive and safe - with self recycled packing material

**VIDEO**  
UKB-Image



## Quality and precision

Due to permanent investments in the latest production technology we develop individual tool solutions for the most demanding applications. Individual customer support is at the center of all projects at UKB. From consultation and development, through construction and production until delivery – everything is done in-house. The UKB-teampayers want you to be fascinated, not just satisfied.

Following a short extract of our special tool portfolio:

- ▶ Other systems
- ▶ U-bending tools
- ▶ Z-Tools
- ▶ Two-station tools
- ▶ Hinge tools
- ▶ Beading tools
- ▶ Louvre tools
- ▶ Beading tools for long beadings
- ▶ Embossing-tools
- ▶ Trapezoidal bending tools
- ▶ Flattening tools

The perfect special tool for your application – Challenge us!

**VIDEO**

UKB-Special tools I



**VIDEO**

UKB-Special tools II

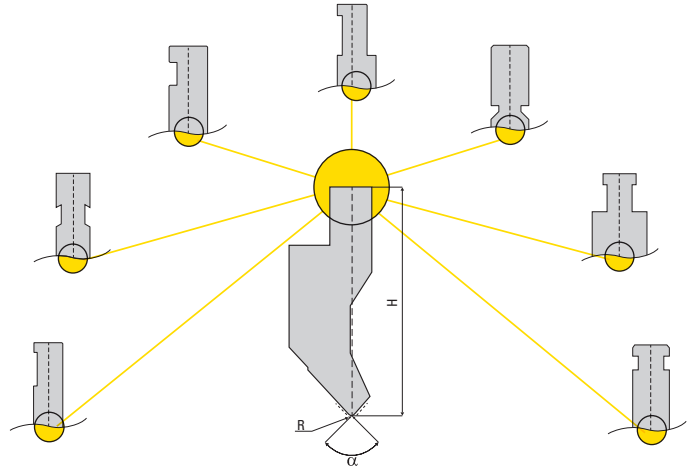




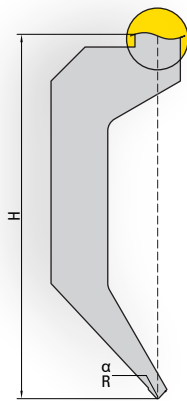
## Quality and precision

- ▶ Optimum materials
  - 42 CrMo4, tempered to 1100 – 1200 N/mm<sup>2</sup>
  - C45, tempered to 800 – 850 N/mm<sup>2</sup>
  - C45, 650 – 800 N/mm<sup>2</sup>
  - 1.2312, tempered to 950 – 1100 N/mm<sup>2</sup>
- ▶ Bending radius/intake radii hardened up to 52 – 55 HRC
- ▶ Precision ground
- ▶ Guaranteed exchangeability and parallelism
- ▶ Tool marking with all technical information
- ▶ Individual production according to your specification

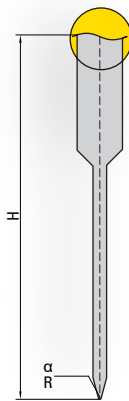
## Examples punch/top tool clampings



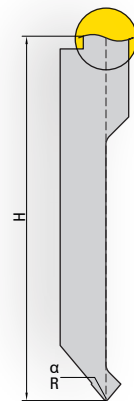
## Examples punches/top tools



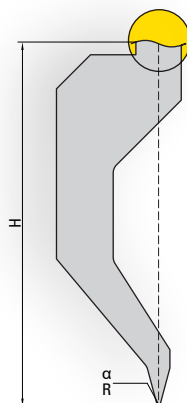
Example 1



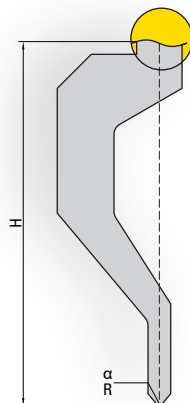
Example 2



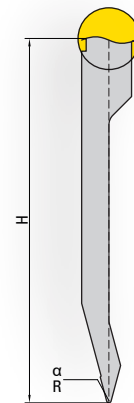
Example 3



Example 4

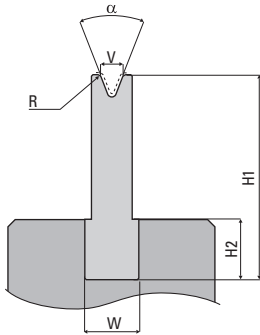


Example 5

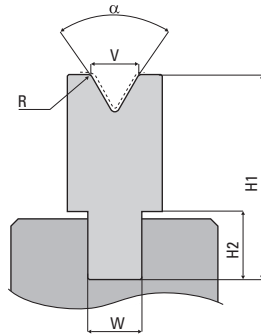


Example 6

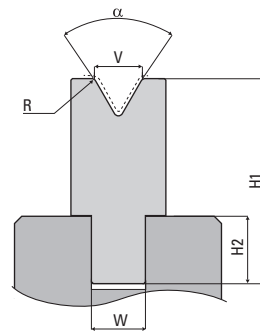
## Examples of die clampings



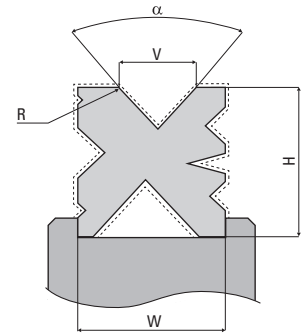
Force on the base



Force on the base

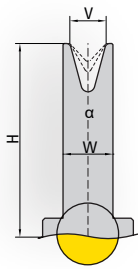


Force on shoulder

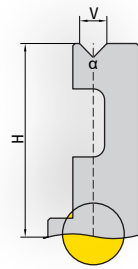


Clamping multi-V-die

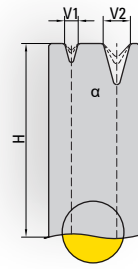
## Examples dies



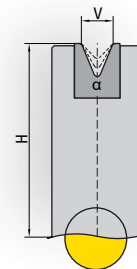
Example 1



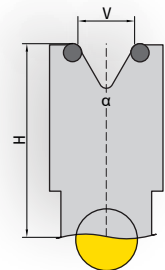
Example 2



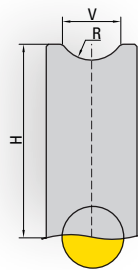
Example 3



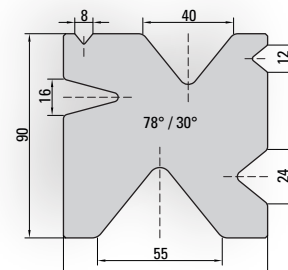
Example 4



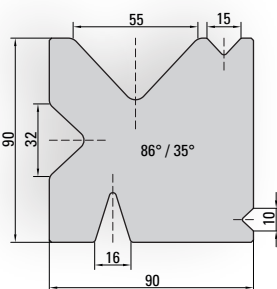
Example 5



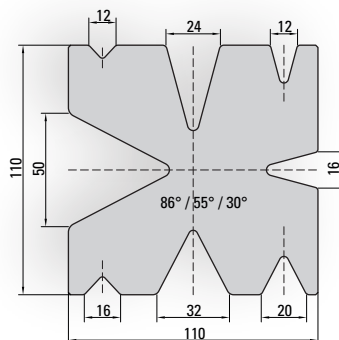
Example 6



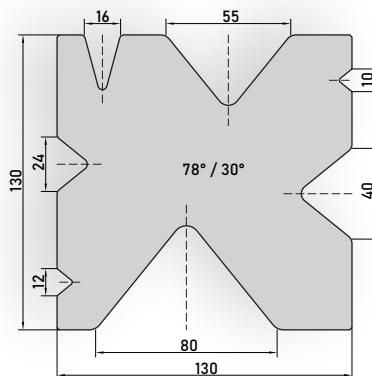
Example 7



Example 8



Example 9



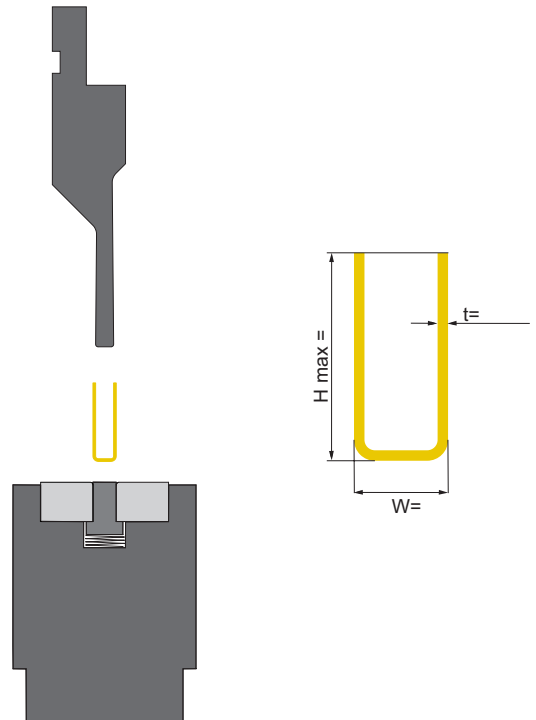
Example 10



## U-bending tools

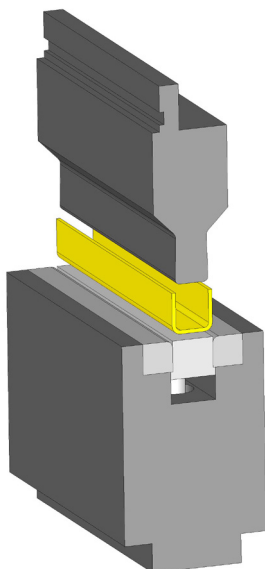
### ADVANTAGES

- ▶ Production in one step
- ▶ Easy removal of the profiles
- ▶ Small inside measurements with high flanges of the profiles possible
- ▶ Process stability
- ▶ Reducing of marks through spring loaded ejector
- ▶ Active components are hardened
- ▶ Functional test and adjustment through test bends - with your sample sheets

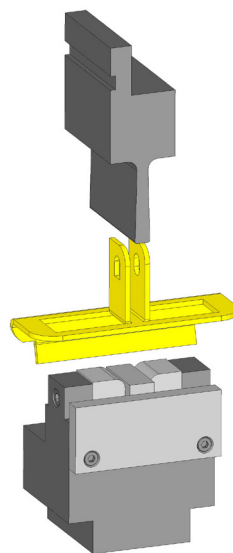


### Examples for U-bending tools

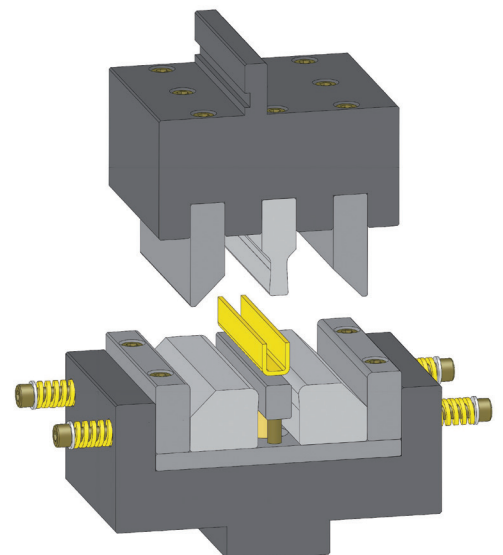
- ▶ Other shapes and layouts are manufactured individually according to your specifications



U-bending tool with wide inner dimensions



U-bending tool with small inner dimension and cut-out for 90° bend

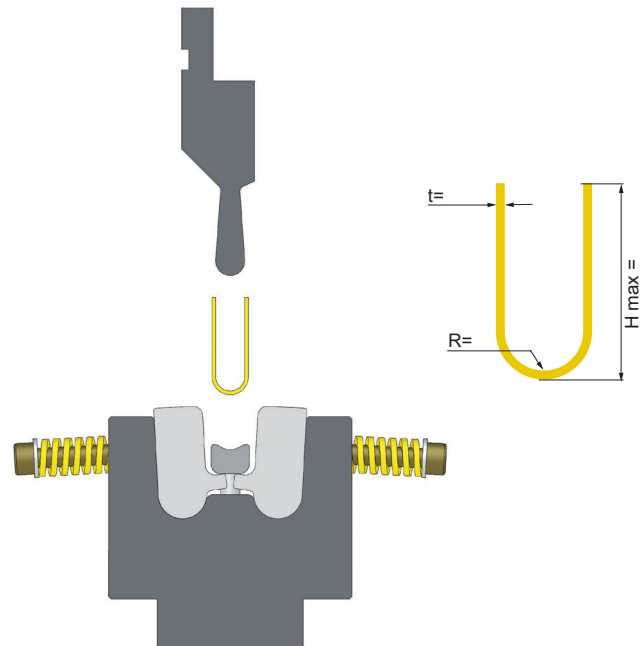


U-bending tool with gate valve technology, to compensate the spring-back of the material

## U-bending tools with movable bending strips

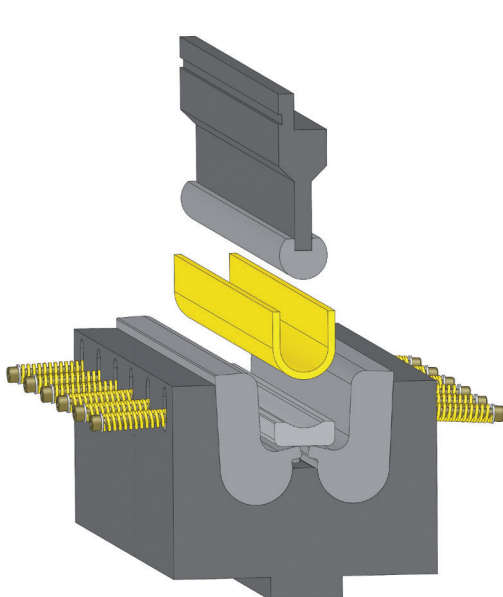
### ADVANTAGES

- ▶ Production in one step
- ▶ Easy removal of the profiles
- ▶ Small inside measurements with high flanges of the profiles possible
- ▶ Process stability
- ▶ Movable bending strips to compensate the spring-back of the profiles
- ▶ Reducing of marks through spring loaded ejector or counterholder
- ▶ Active components are hardened
- ▶ Functional test and adjustment through test bends - with your sample sheets

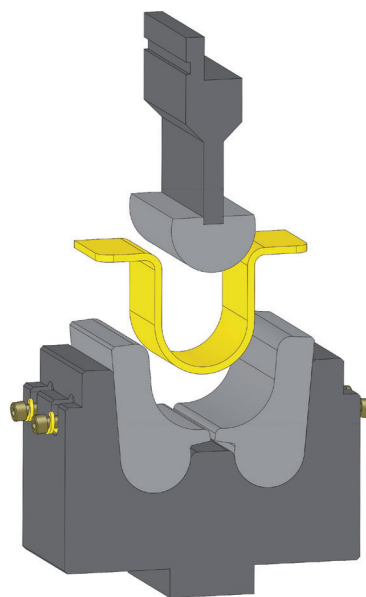


### Examples for U-bending tools with movable bending strips

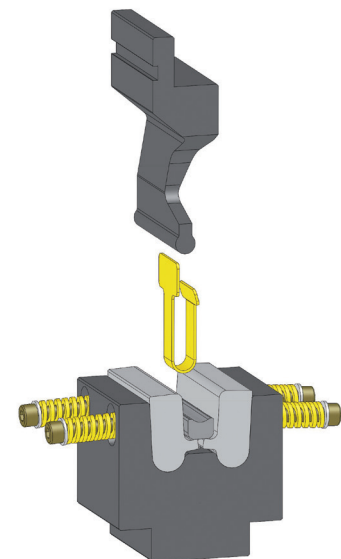
- ▶ Other shapes and layouts are manufactured individually according to your specifications



U-bending tool with strips for overbending



U-bending tool with strips for overbending for big radius

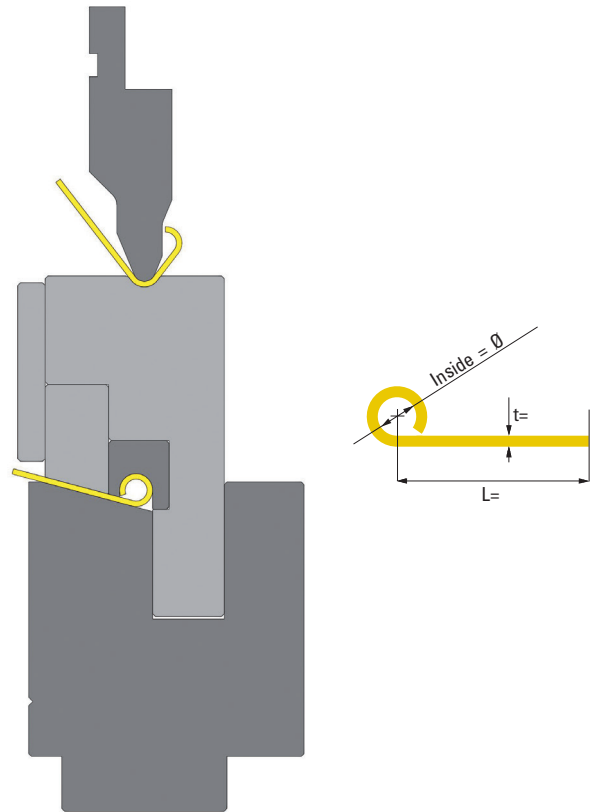


U-bending tool with strips for overbending for small U-profile

## Hinge tools

### ADVANTAGES

- ▶ Production in two or three strokes
- ▶ Reducing of marks through spring loaded hold-down-device
- ▶ Active components are hardened
- ▶ High repeatability through integrated backgauge
- ▶ Functional test and adjustment through test bends - with your sample sheets

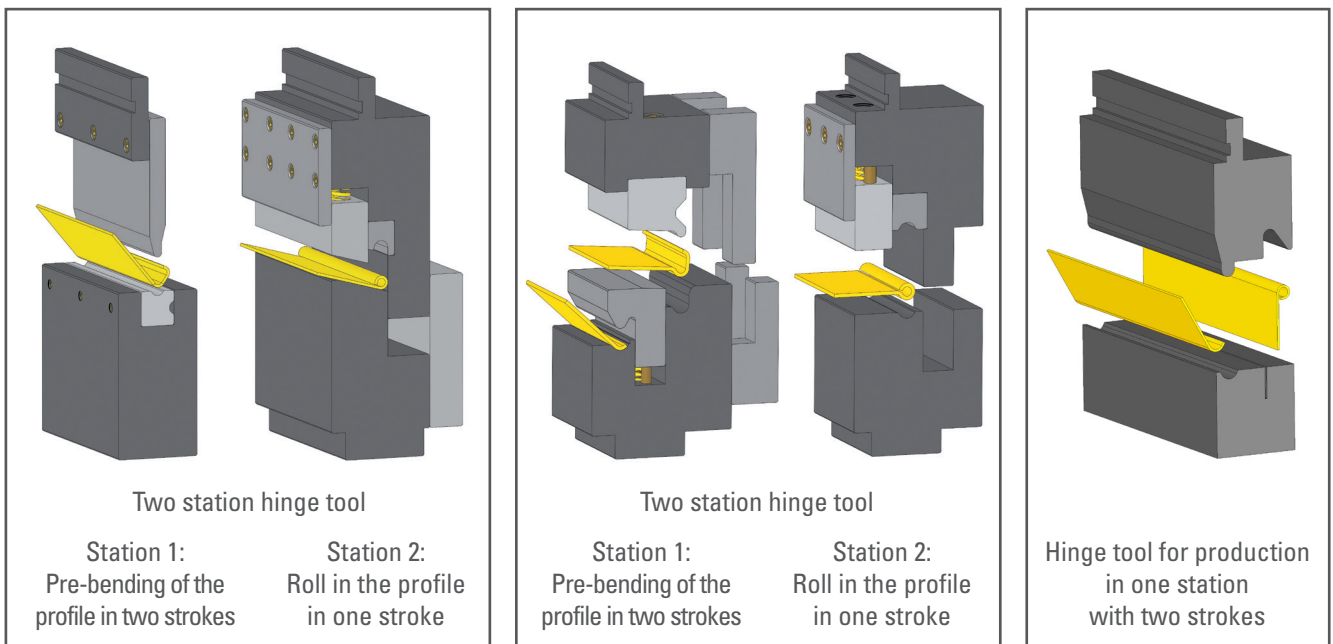


### SUITABLE FOR

- ▶ Material thickness up to 4,0 mm
- ▶ minimum inside Ø:  
2,5 mm x material thickness for steel and aluminium  
3,0 mm x material thickness for stainless steel

### Examples for hinge tools

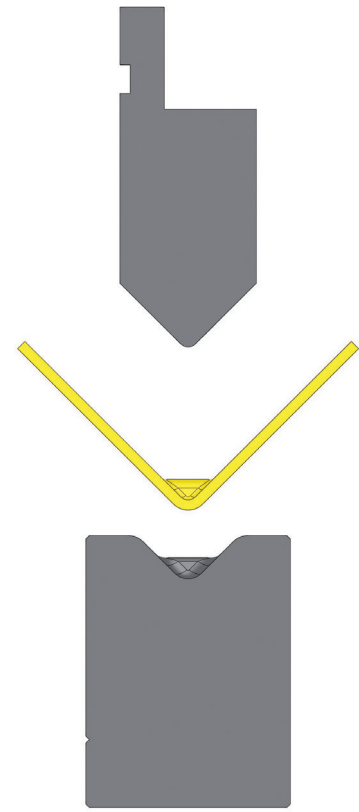
- ▶ Other shapes and layouts are manufactured individually according to your specifications



## Beading tools

### ADVANTAGES

- ▶ Production in one step
- ▶ All our constructions consider your materials resistance and yield stresses
- ▶ Transfer of freeform surfaces or 3D contours 1:1 from customer drawings or data sets
- ▶ Realization of the tools with integrated beadings adjusted to the sheet quality and thickness
- ▶ Design of angles, form and design of the beadings according to customer specification
- ▶ Active components are hardened
- ▶ Functional test and adjustment through test bends - with your sample sheets

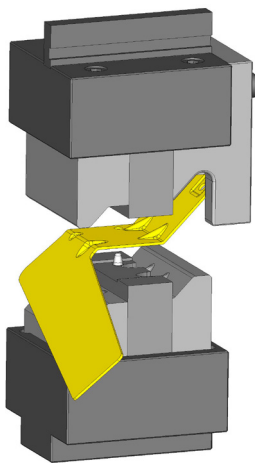


### SUITABLE FOR

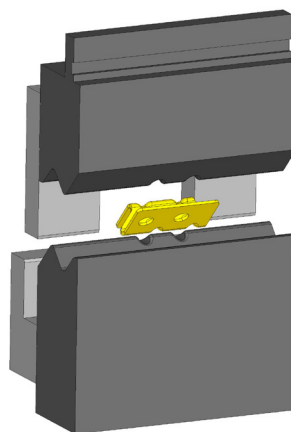
- ▶ Material thickness up to 5,0 mm
- ▶ All forms of beading independent of the bending angle

### Examples for beading tools

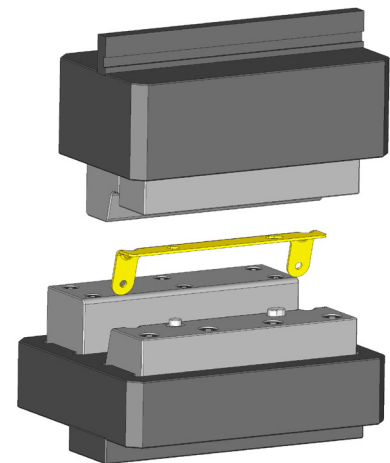
- ▶ Other shapes and layouts are manufactured individually according to your specifications



Special tool for Z-profile, guided and spring loaded, for four stiffening beads in one stroke



Special tool for Z-profile, back guided, for four stiffening beads in one stroke



Bead embossing tool for two beads near the bending line, with hold-down device and supports, in one stroke

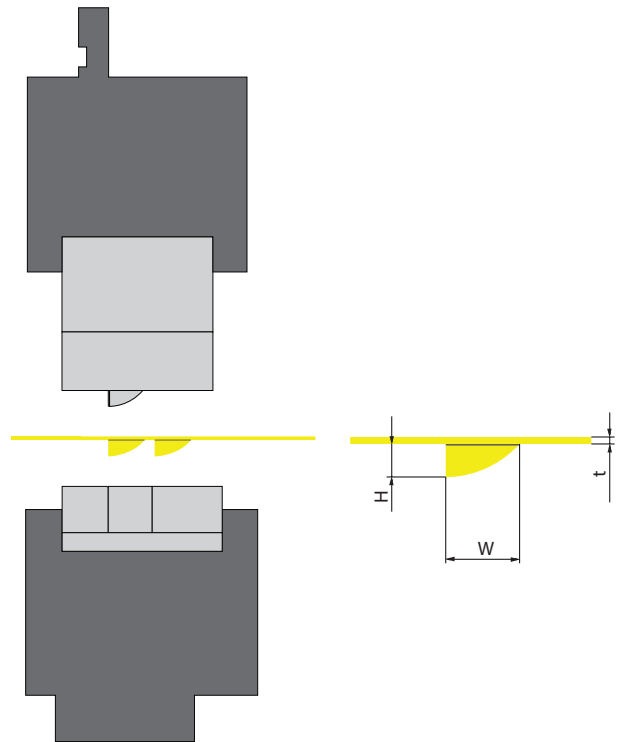
## Louvre tools

### ADVANTAGES

- ▶ Production in one stroke
- ▶ One tool suitable for different sheet thicknesses and materials
- ▶ Only minimum deformation of the sheet through spring loaded hold-down device
- ▶ Active components are hardened
- ▶ Functional test and adjustment through test bends - with your sample sheets

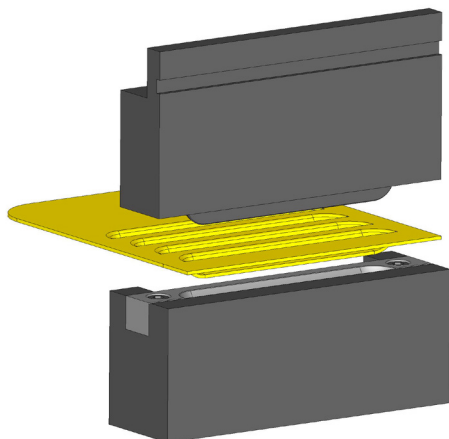
### SUITABLE FOR

- ▶ Material thickness up to 4,0 mm
- ▶ Close-pitch adjacent air-slots

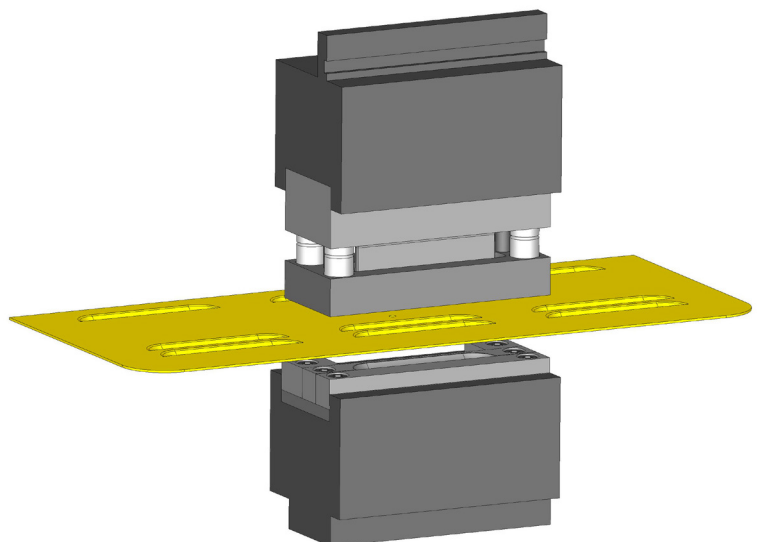


### Examples for louvre tools

- ▶ Other shapes and layouts are manufactured individually according to your specifications



Louvre tool in simple design,  
without hold-down device



Louvre tool with spring loaded hold-down device,  
for minimum deformation of the sheet



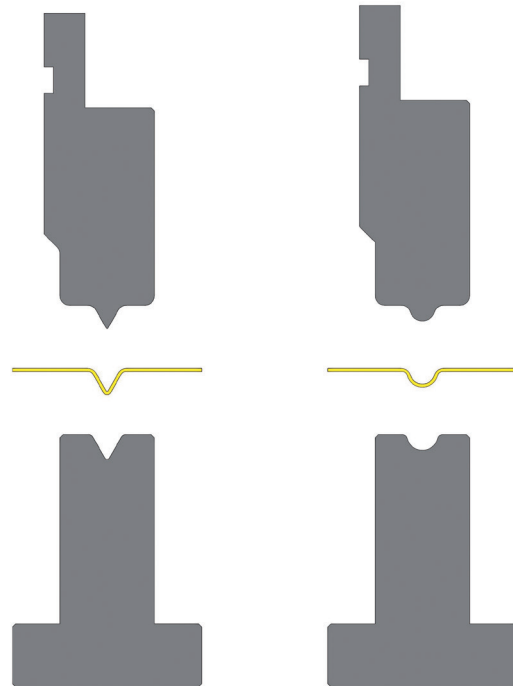
## Beading tools for long beadings

### ADVANTAGES

- ▶ Production in one stroke
- ▶ One tool suitable for different sheet thicknesses and materials
- ▶ Active components are hardened
- ▶ Functional test and adjustment through test bends - with your sample sheets

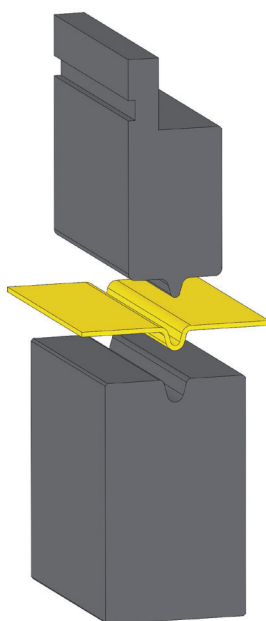
### SUITABLE FOR

- ▶ Various material thicknesses, depending on the profile geometry and press force of your press brake

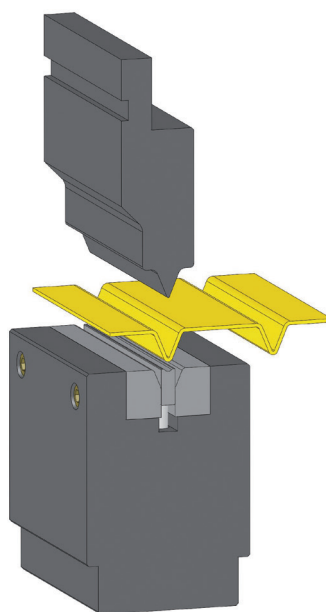


### Examples for beading tools

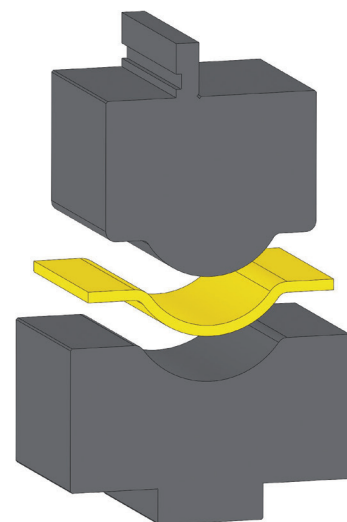
- ▶ Other shapes and layouts are manufactured individually according to your specifications



Tool for small round bead



Tool for long V-bead with spring loaded ejector

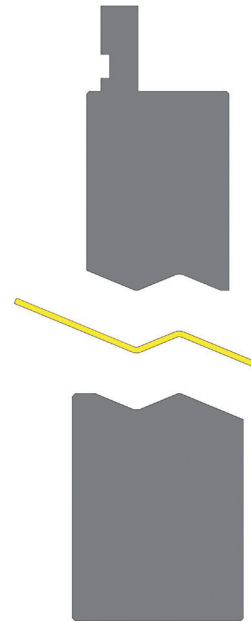


Tool for big round bead

## Z-bending tools

### ADVANTAGES

- ▶ Production in one stroke
- ▶ One tool suitable for different sheet thicknesses and materials
- ▶ Active components are hardened
- ▶ Functional test and adjustment through test bends - with your sample sheets

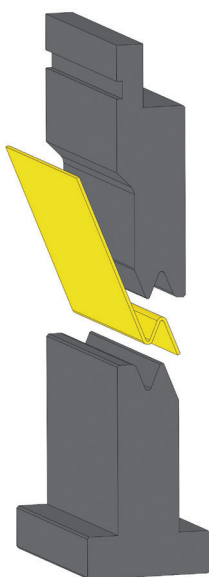


### SUITABLE FOR

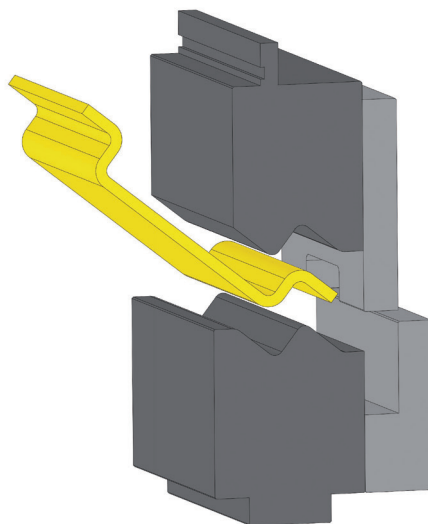
- ▶ Various material thicknesses, depending on the profile geometry and press force of your press brake

### Examples for Z-bending tools

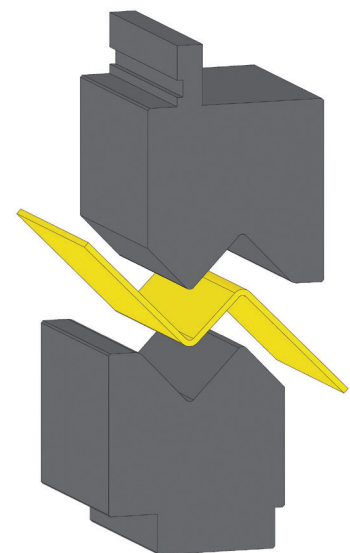
- ▶ Other shapes and layouts are manufactured individually according to your specifications



Z-bending tool for thin materials and sharp angles



Z-bending tool with back guide for thick materials

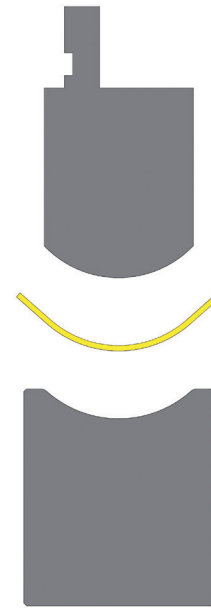


Z-bending tool for big Z-step

## Radius embossing tools

### ADVANTAGES

- ▶ Production in one stroke
- ▶ One tool suitable for different sheet thicknesses and materials
- ▶ Active components are hardened
- ▶ Functional test and adjustment through test bends - with your sample sheets

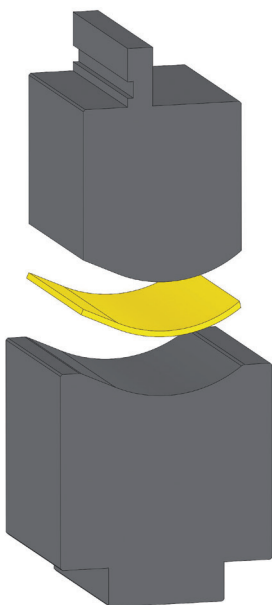


### SUITABLE FOR

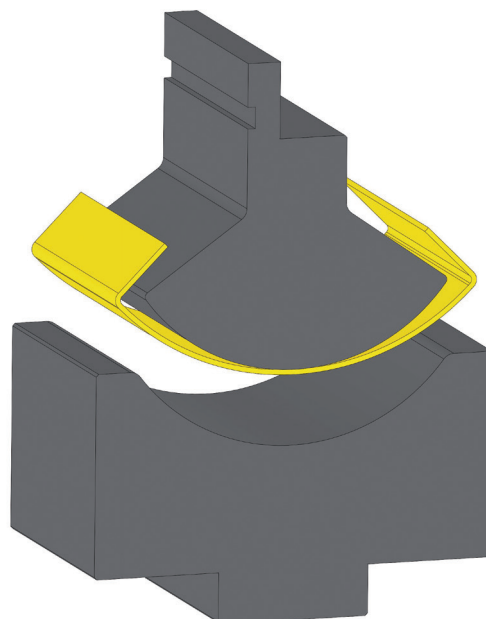
- ▶ Various material thicknesses, depending on the profile geometry and press force of your press brake

### Examples for radius embossing tools

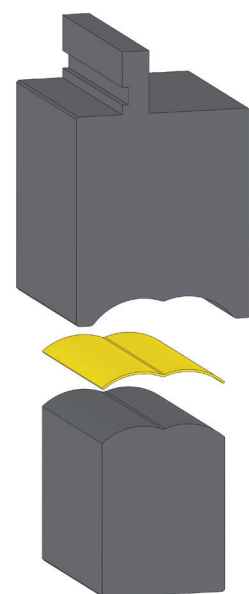
- ▶ Other shapes and layouts are manufactured individually according to your specifications



Radius embossing tool for radii with straight flanges



Radius embossing tool for big radii and prebended flanges



Double radius embossing tool

## Trapezoidal bending tools

### ADVANTAGES

- ▶ Production in one stroke
- ▶ One tool suitable for different sheet thicknesses and materials
- ▶ Active components are hardened
- ▶ Functional test and adjustment through test bends - with your sample sheets

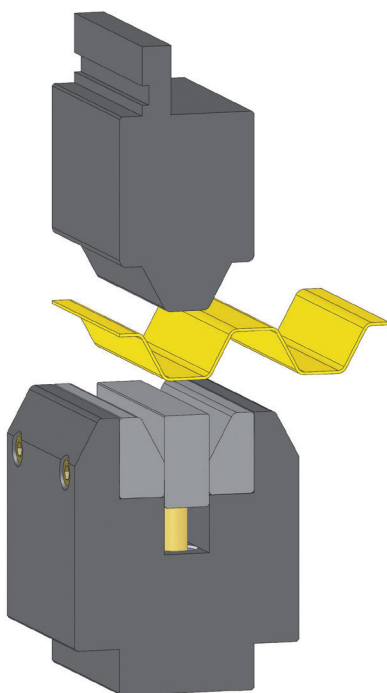
### SUITABLE FOR

- ▶ Various material thicknesses, depending on the profile geometry and press force of your press brake

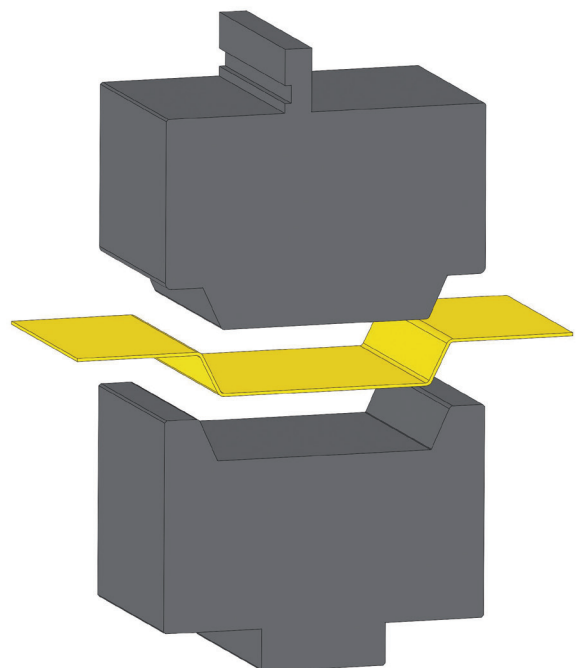


### Examples for trapezoidal bending tools

- ▶ Other shapes and layouts are manufactured individually according to your specifications



Trapezoidal bending tool with spring loaded ejector



Trapezoidal bending tool for big a profile

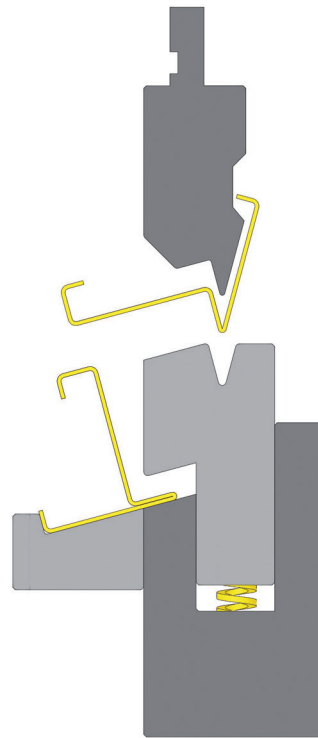
## Flattening tools

### ADVANTAGES

- ▶ Production of the flattening area in two strokes
- ▶ Active components are hardened
- ▶ Functional test and adjustment through test bends - with your sample sheets

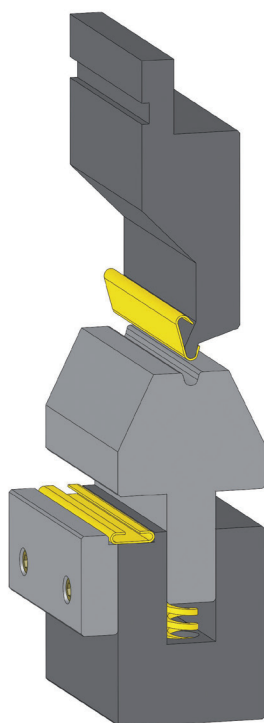
### SUITABLE FOR

- ▶ Material thickness up to 3,0 mm

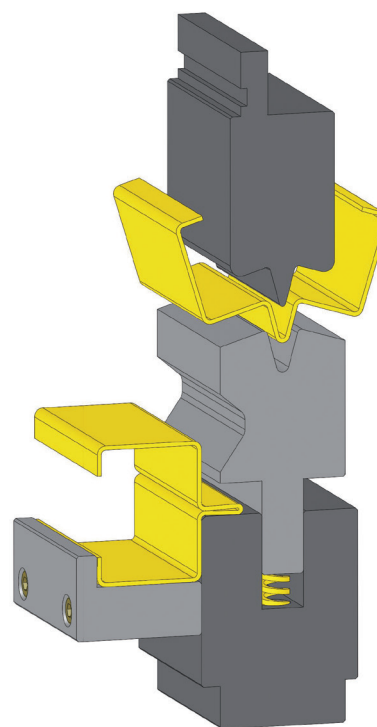


### Examples for flattening tools

- ▶ Other shapes and layouts are manufactured individually according to your specifications



Flattening tool  
for small C-profile



Flattening tool  
for big C-profile and centered flattening



# UKB-PROTECTIVE FILM

Protective film . . . . .	180 – 182
Holders for protective film . . . . .	182 – 183
Holder for protective film with steel insert. . . . .	183

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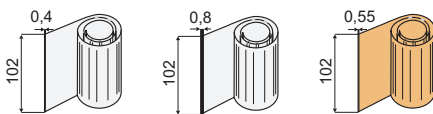
## Protective film

### PRODUCT ADVANTAGES

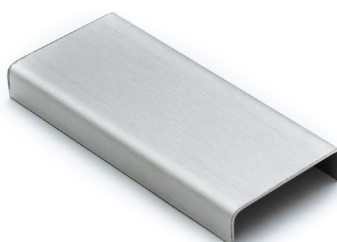
- ▶ Avoids bending marks on sheets
- ▶ Ideal for bending aluminium, stainless steel and painted surfaces
- ▶ No reworking of workpieces necessary
- ▶ No contamination of the bended parts
- ▶ Higher product quality
- ▶ Easy handling
- ▶ Applicable on all dies
- ▶ Less wearout of the protective film by correct use



VU sample set			24h
5 m	Shore 95 A	VU 0,4 x 102	P.O.A.
5 m	Shore 95 A	VU 0,8 x 102	
5 m	Shore 60 A	VU 0,55 x 102	



Bending result without protective film



Bending result with protective film

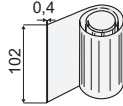




## Protective film Shore 95 A

### VU 0,4 x 102 24h

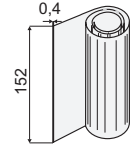
Roll		
30 m	P.O.A.	1,6 kg
15 m	P.O.A.	0,8 kg
5 m	P.O.A.	0,3 kg



Box		
6 Rolls of 30 m each	P.O.A.	10,0 kg

### VU 0,4 x 152 24h

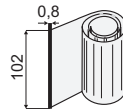
Roll		
30 m	P.O.A.	2,4 kg
15 m	P.O.A.	1,2 kg
5 m	P.O.A.	0,4 kg



Box		
4 Rolls of 30 m each	P.O.A.	10,0 kg

### VU 0,8 x 102 24h

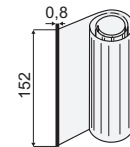
Roll		
30 m	P.O.A.	3,2 kg
15 m	P.O.A.	1,6 kg
5 m	P.O.A.	0,6 kg



Box		
6 Rolls of 30 m each	P.O.A.	19,6 kg

### VU 0,8 x 152 24h

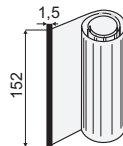
Roll		
30 m	P.O.A.	4,6 kg
15 m	P.O.A.	2,3 kg
5 m	P.O.A.	0,8 kg



Box		
4 Rolls of 30 m each	P.O.A.	19,0 kg

### VU 1,5 x 152 24h

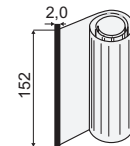
Roll		
15 m	P.O.A.	4,4 kg
5 m	P.O.A.	1,5 kg



Box		
4 Rolls of 15 m each	P.O.A.	18,0 kg

### VU 2,0 x 152 24h

Roll		
15 m	P.O.A.	6,6 kg
5 m	P.O.A.	2,2 kg



Box		
4 Rolls of 15 m each	P.O.A.	27,0 kg



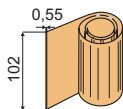
# UKB-PROTECTIVE FILM

Phone 01384 443 808 . Fax 01384 393 985

## Protective film Shore 60 A

### VU 0,55 x 102 24h

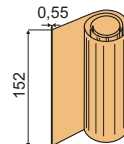
Roll		
30 m	P.O.A.	2,0 kg
15 m	P.O.A.	1,0 kg
5 m	P.O.A.	0,4 kg



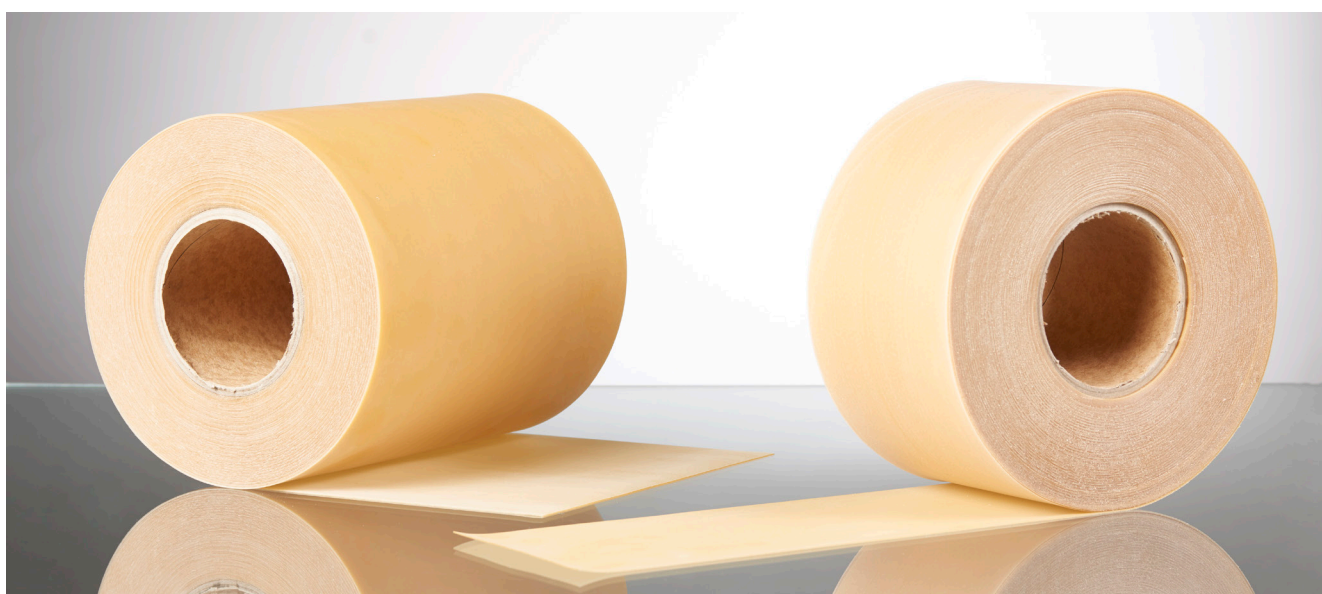
Box		
6 Rolls of 30 m each	P.O.A.	12,4 kg

### VU 0,55 x 152 24h

Roll		
30 m	P.O.A.	2,9 kg
15 m	P.O.A.	1,5 kg
5 m	P.O.A.	0,5 kg



Box		
4 Rolls of 30 m each	P.O.A.	12,0 kg



## Holder for protective film

### 40.850 24h

per pair	P.O.A.	3,0 kg
----------	--------	--------

for protective film up to 152 mm width



Mounted via magnets directly to the die



## Holder for protective film

**40.800** **24h**

per pair P.O.A. 8,0 kg

for protective film up to 102 mm width

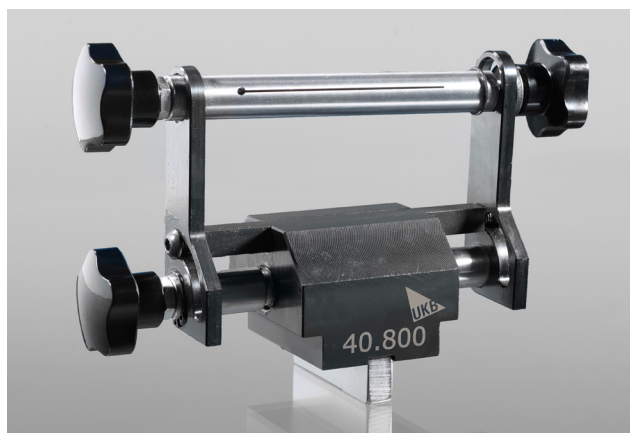


Holder for protective film for UKB-System Amada

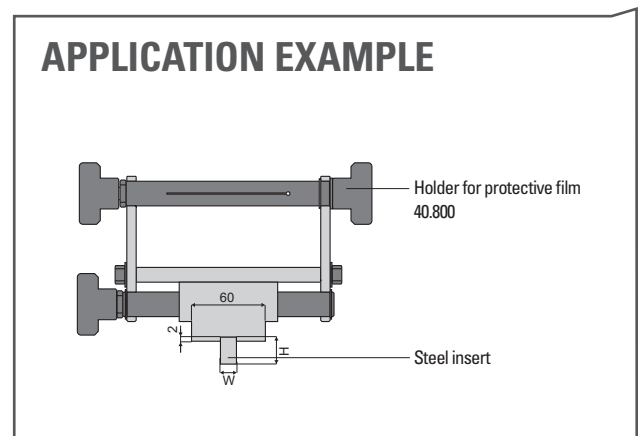
## Holder for protective film with steel insert

System	Steel insert (W x H)	Price
Trumpf/Wila/Bystronic	13,0 x 22,0 mm	P.O.A.
LVD	12,7 x 21,0 mm	P.O.A.
Other systems	W x H mm	P.O.A.

Delivery time 1–3 working days



Holder for protective film with steel insert for UKB-Systems Trumpf/Wila/Bystronic

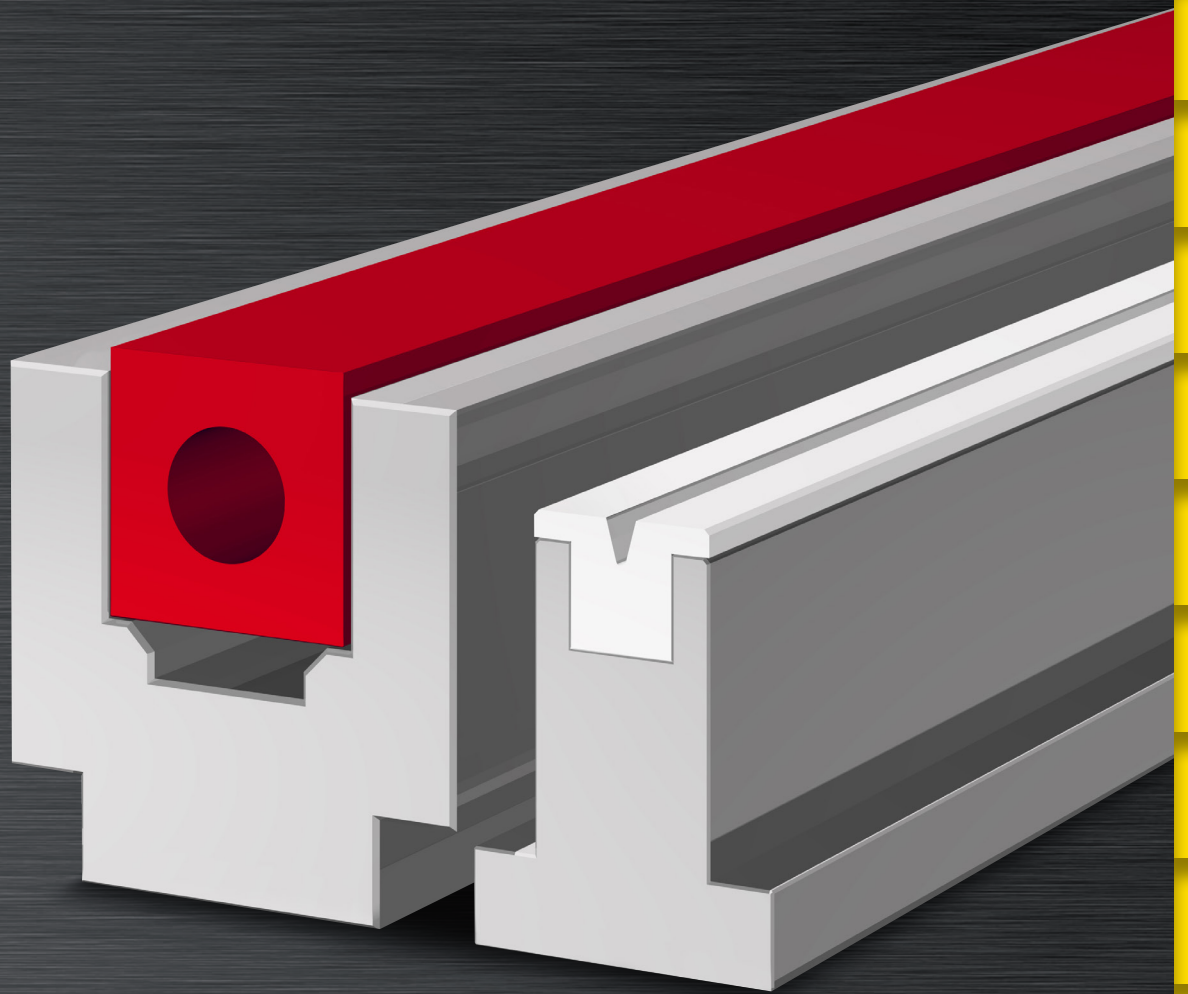


# UKB-MARK FREE AND UKB-MARK REDUCED BENDING

Composite dies . . . . .	186
Holders for composite dies . . . . .	187
PU-Holders and -inserts. . . . .	188 – 189

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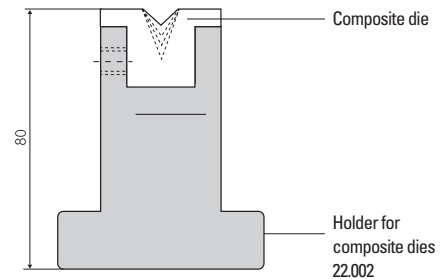


## Composite dies

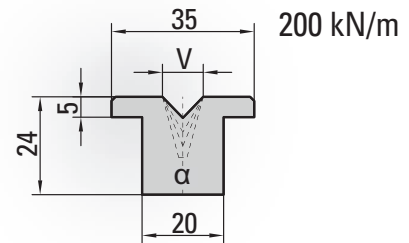
### PRODUCT ADVANTAGES

- ▶ Reduces marks on bended sheets
- ▶ Ideal for bending aluminium, stainless steel and painted surfaces
- ▶ No reworking of workpieces necessary
- ▶ No contamination of the bended parts
- ▶ Higher product quality
- ▶ Fast and easy change

### EXAMPLE OF USE



32....			24h	
Model	$\alpha$	V (mm)	835 mm	415 mm
			Price	Price
32.806	88°	6,0	P.O.A.	P.O.A.
32.808	88°	8,0	P.O.A.	P.O.A.
32.810	88°	10,0	P.O.A.	P.O.A.
32.812	88°	12,0	P.O.A.	P.O.A.
32.816	88°	16,0	P.O.A.	P.O.A.
32.606	60°	6,0	P.O.A.	P.O.A.
32.608	60°	8,0	P.O.A.	P.O.A.
32.610	60°	10,0	P.O.A.	P.O.A.
32.612	60°	12,0	P.O.A.	P.O.A.
32.616	60°	16,0	P.O.A.	P.O.A.
32.406	45°	6,0	P.O.A.	P.O.A.
32.408	45°	8,0	P.O.A.	P.O.A.
32.410	45°	10,0	P.O.A.	P.O.A.
32.412	45°	12,0	P.O.A.	P.O.A.
32.306	30°	6,0	P.O.A.	P.O.A.
32.308	30°	8,0	P.O.A.	P.O.A.
32.310	30°	10,0	P.O.A.	P.O.A.
Weight			0,40 kg	0,20 kg



**VIDEO**  
UKB-Mark free and mark reduced bending



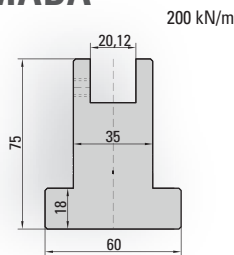


## Holders for composite dies

### UKB-SYSTEM AMADA

#### 22.002 24h

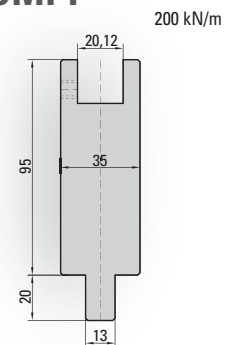
835 mm	P.O.A.	19,0 kg
415 mm	P.O.A.	9,5 kg
835 mm sectionalized	P.O.A.	19,0 kg



### UKB-SYSTEM TRUMPF

#### 22.005 24h

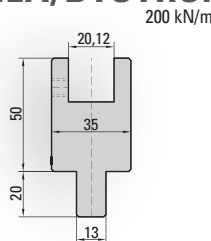
835 mm	P.O.A.	19,3 kg
415 mm	P.O.A.	9,6 kg
835 mm sectionalized	P.O.A.	19,3 kg



### UKB-SYSTEMS WILA/BYSTRONIC

#### 22.004 24h

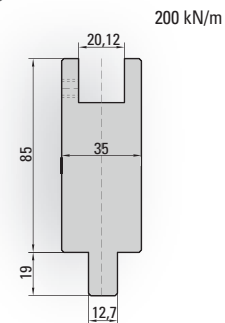
835 mm	P.O.A.	11,2 kg
415 mm	P.O.A.	5,6 kg
835 mm sectionalized	P.O.A.	11,2 kg



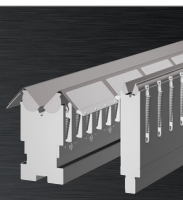
### UKB-SYSTEM LVD

#### 26.005 24h

835 mm	P.O.A.	18,5 kg
415 mm	P.O.A.	9,2 kg
835 mm sectionalized	P.O.A.	18,5 kg



### UKB-UNIBEND AND UKB-WINGBEND PLUS



see chapter 09

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**Tool dxf's** > Download tool profile dxf's

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**Downloads** > Information for you

**Video-channel** > A closer look into the company and interesting product videos





## PU-Holders and -inserts

### PRODUCT ADVANTAGES

- ▶ Avoids marks on bended sheets
- ▶ Ideal for bending aluminium, stainless steel and painted surfaces
- ▶ Suitable for V-, radius-, U-bending
- ▶ No reworking of workpieces necessary
- ▶ No contamination of the bended parts
- ▶ Higher product quality

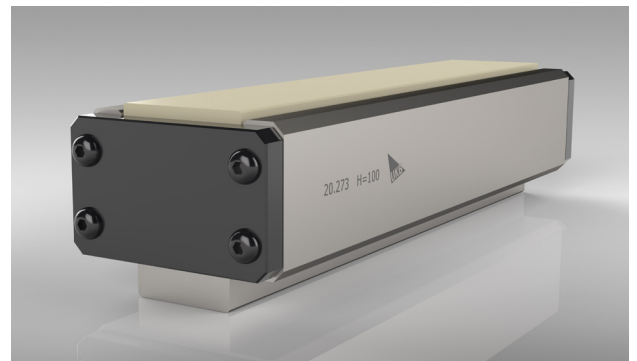
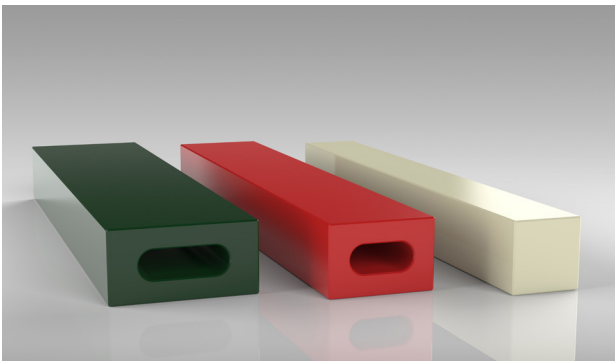
### VIDEO

UKB-Mark free and mark reduced bending

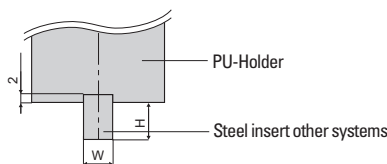
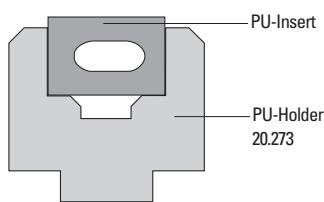


### LPT-TEST BENDING

First test bending - then order!  
Free of charge - with your sample sheets!



### MODIFICATION



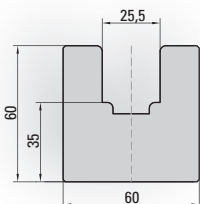
### VIDEO

UKB-Modification of press brake tools



## UKB-SYSTEM AMADA

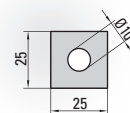
20.271		24h
835 mm	P.O.A.	19,2 kg
415 mm	P.O.A.	9,6 kg



PU-Insert		835 mm		415 mm		24h
Model	Shore	Price	Weight	Price	Weight	
34.180	80 A	P.O.A.	0,7 kg	P.O.A.	0,3 kg	
34.190	90 A	P.O.A.	0,7 kg	P.O.A.	0,3 kg	
34.195	95 A	P.O.A.	0,7 kg	P.O.A.	0,3 kg	



PU-Insert with core hole		835 mm		415 mm		24h
Model	Shore	Price	Weight	Price	Weight	
35.180	80 A	P.O.A.	0,6 kg	P.O.A.	0,3 kg	
35.190	90 A	P.O.A.	0,6 kg	P.O.A.	0,3 kg	
35.195	95 A	P.O.A.	0,6 kg	P.O.A.	0,3 kg	

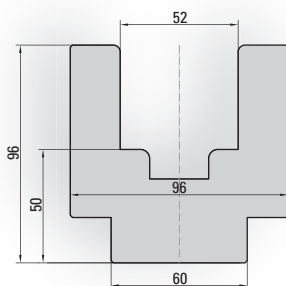


## PU-Holders and -inserts

### UKB-SYSTEM AMADA

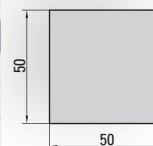
#### 20.272 24h

835 mm	P.O.A.	39,3 kg
415 mm	P.O.A.	19,6 kg



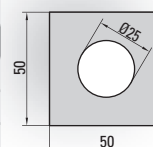
#### PU-Insert 24h

Model	Shore	835 mm		415 mm	
		Price	Weight	Price	Weight
34.280	80 A	P.O.A.	2,9 kg	P.O.A.	1,5 kg
34.290	90 A	P.O.A.	2,9 kg	P.O.A.	1,5 kg
34.295	95 A	P.O.A.	2,9 kg	P.O.A.	1,5 kg



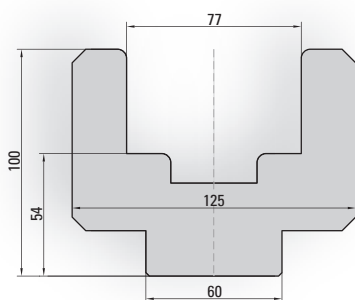
#### PU-Insert with core hole 24h

Model	Shore	835 mm		415 mm	
		Price	Weight	Price	Weight
35.280	80 A	P.O.A.	2,2 kg	P.O.A.	1,1 kg
35.290	90 A	P.O.A.	2,2 kg	P.O.A.	1,1 kg
35.295	95 A	P.O.A.	2,2 kg	P.O.A.	1,1 kg



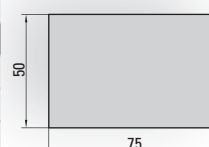
#### 20.273 24h

835 mm	P.O.A.	48,2 kg
415 mm	P.O.A.	24,1 kg



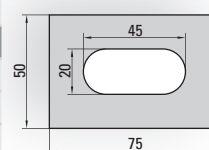
#### PU-Insert 24h

Model	Shore	835 mm		415 mm	
		Price	Weight	Price	Weight
34.380	80 A	P.O.A.	3,5 kg	P.O.A.	1,7 kg
34.390	90 A	P.O.A.	3,5 kg	P.O.A.	1,7 kg
34.395	95 A	P.O.A.	3,5 kg	P.O.A.	1,7 kg



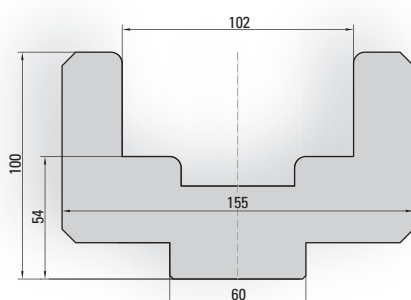
#### PU-Insert with core hole 24h

Model	Shore	835 mm		415 mm	
		Price	Weight	Price	Weight
35.380	80 A	P.O.A.	2,8 kg	P.O.A.	1,4 kg
35.390	90 A	P.O.A.	2,8 kg	P.O.A.	1,4 kg
35.395	95 A	P.O.A.	2,8 kg	P.O.A.	1,4 kg



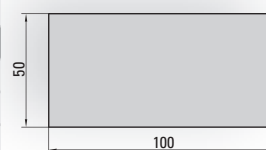
#### 20.274 24h

835 mm	P.O.A.	58,8 kg
415 mm	P.O.A.	29,4 kg



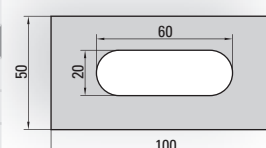
#### PU-Insert 24h

Model	Shore	835 mm		415 mm	
		Price	Weight	Price	Weight
34.480	80 A	P.O.A.	5,0 kg	P.O.A.	2,5 kg
34.490	90 A	P.O.A.	5,0 kg	P.O.A.	2,5 kg
34.495	95 A	P.O.A.	5,0 kg	P.O.A.	2,5 kg



#### PU-Insert with core hole 24h

Model	Shore	835 mm		415 mm	
		Price	Weight	Price	Weight
35.480	80 A	P.O.A.	4,0 kg	P.O.A.	2,0 kg
35.490	90 A	P.O.A.	4,0 kg	P.O.A.	2,0 kg
35.495	95 A	P.O.A.	4,0 kg	P.O.A.	2,0 kg



# UKB-ADAPTORS

## **Punch/top tool adaptors**

Punch/top tool adaptors → UKB-System Amada . . . . .192 – 193

## **Die adaptors**

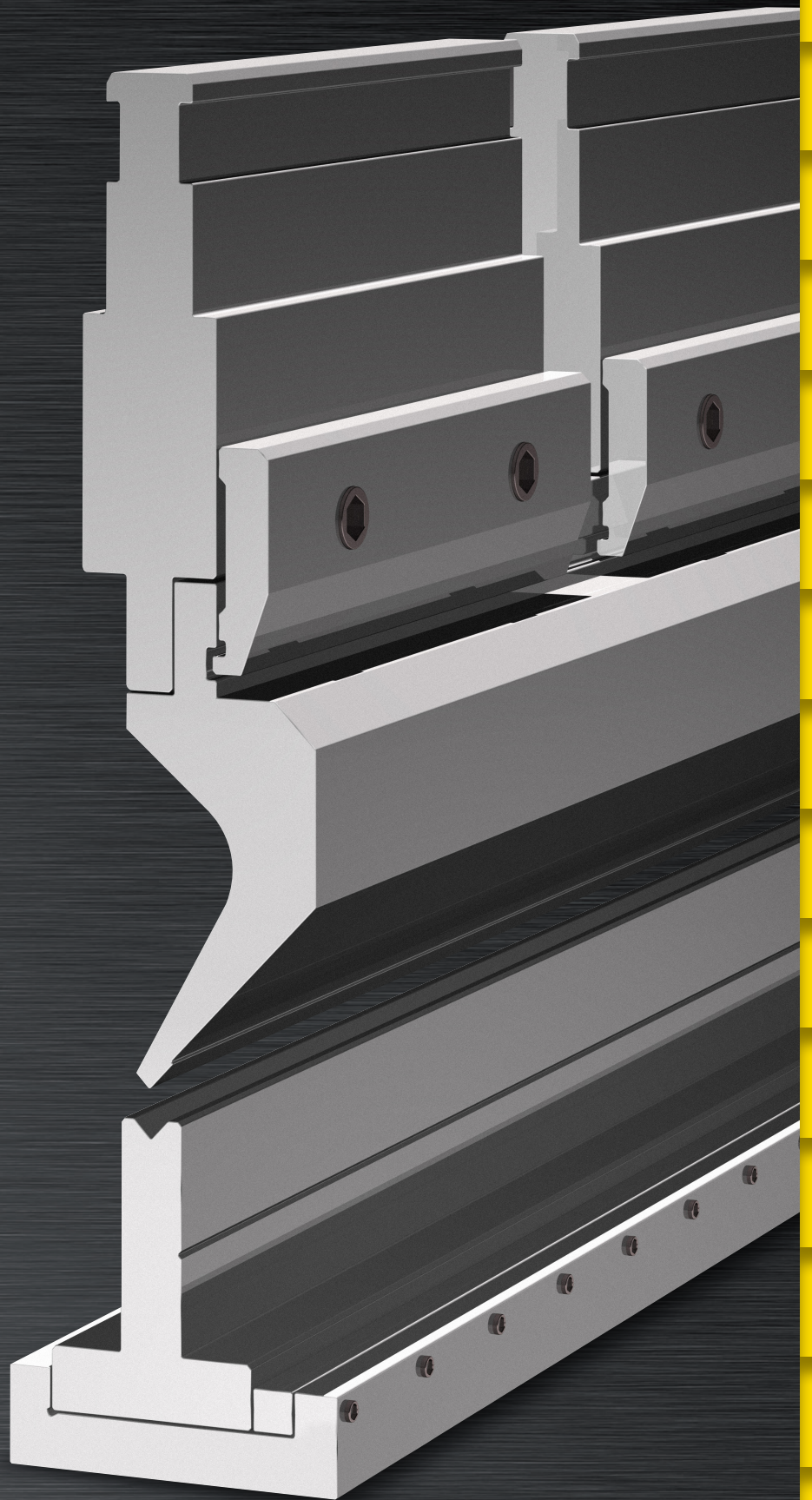
Die shoe adaptors UKB-System Amada . . . . . 194

Die shoe adaptors UKB-Systems Trumpf/Wila/Bystronic. . . . . 194

Die adaptors. . . . . 195

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## Punch/top tool adaptors

### PRODUCT ADVANTAGES

- ▶ Cost-saving, easy and quick change of your press brake via standard punch/top tool adaptors to our standard-tool systems
- ▶ Use the variety of the punches/top tools of our UKB-Systems
- ▶ Guaranteed exchangeability through highly precision grinding

### Quantity of the needed punch/top tool adaptors (Mounting distance 50 mm)

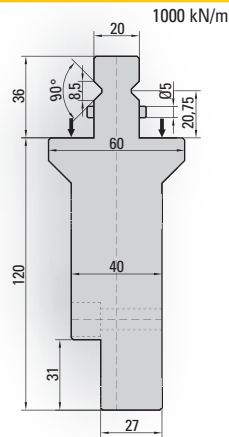
Length of the press brake (mm)	Quantity (pieces)
835	4
1.250	6
2.100	10
2.600	13
3.100	15
4.100	20

## Punch/top tool adaptors → UKB-System Amada

### 50.940 24h

150 mm P.O.A. 6,2 kg

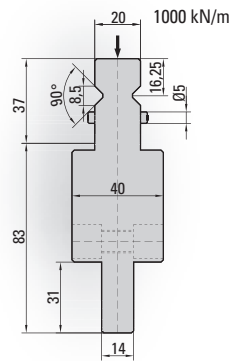
UKB-Systems Trumpf/Wila type I/LVD type I →  
UKB-System Amada



### 50.970 24h

150 mm P.O.A. 4,0 kg

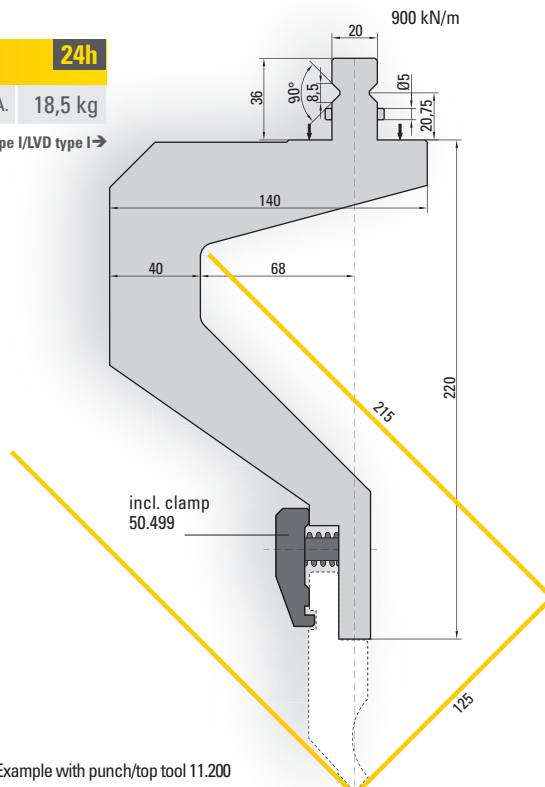
UKB-Systems Trumpf/Wila type I/LVD type I →  
UKB-System Amada



### 50.502 24h

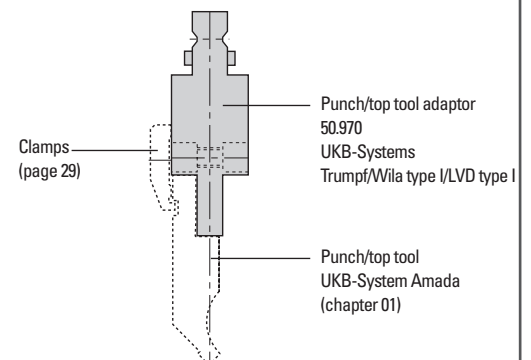
200 mm P.O.A. 18,5 kg

UKB-Systems Trumpf/Wila type I/LVD type I →  
UKB-System Amada



Example with punch/top tool 11.200

### EXAMPLE OF USE



### LPT-INFO

Needed clamps see page 29!

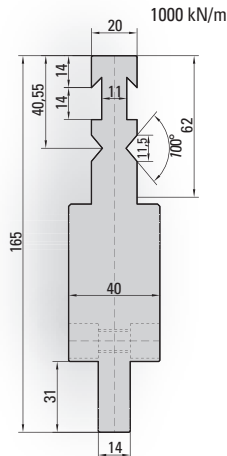


## Punch/top tool adaptors → UKB-System Amada

**50.983** 24h

150 mm P.O.A. 5,0 kg

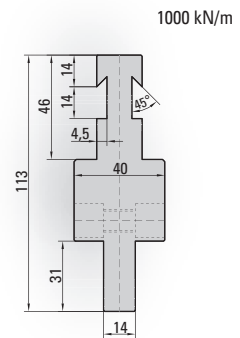
UKB-System Bystronic "RF-A" →  
UKB-System Amada



**50.980** 24h

150 mm P.O.A. 3,2 kg

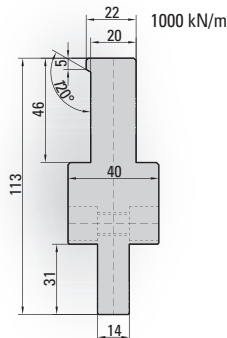
UKB-System Bystronic "R" →  
UKB-System Amada



**50.981** 24h

150 mm P.O.A. 3,5 kg

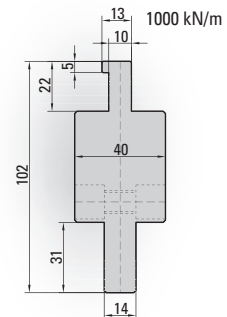
UKB-System Bystronic "S" →  
UKB-System Amada



**50.990** 24h

150 mm P.O.A. 3,0 kg

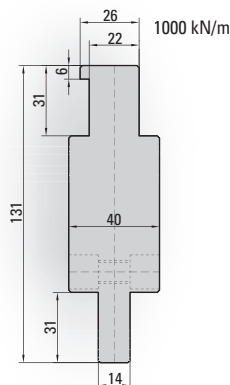
UKB-System LVD type II →  
UKB-System Amada



**50.994** 24h

150 mm P.O.A. 4,6 kg

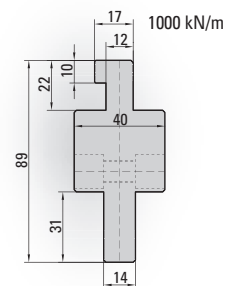
Darley → UKB-System Amada



**50.998** 24h

150 mm P.O.A. 2,7 kg

Haco → UKB-System Amada

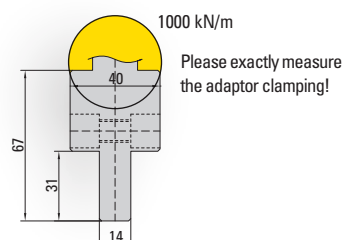


**810.000**

150 mm P.O.A.

Individual punch/top tool adaptors

Delivery time on request

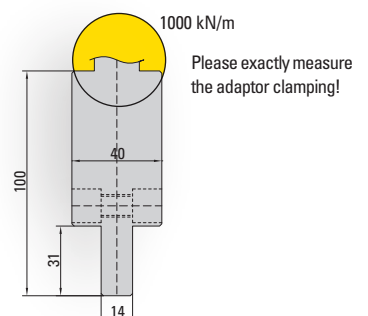


**820.000**

150 mm P.O.A.

Individual punch/top tool adaptors

Delivery time on request



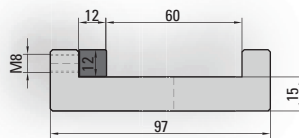
## Die shoe adaptors UKB-System Amada

### PRODUCT ADVANTAGES

- ▶ Die shoe adaptor for 60 mm clamping width can be used on all press brakes with a flat table, to use dies **UKB-System Amada**
- ▶ Use the variety of the dies UKB-System Amada (chapter 01)

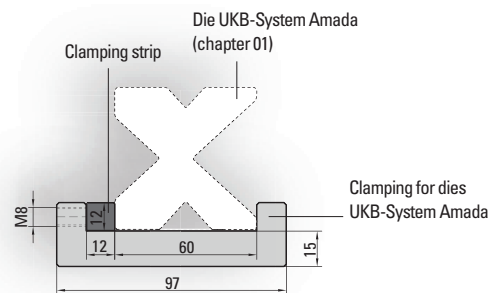
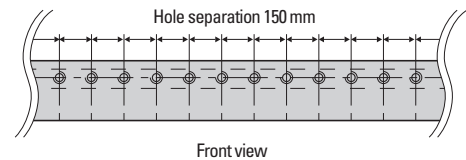
#### 60.680 – 60.683 24h

Model	Length	Price	Weight
60.680	2100 mm	P.O.A.	31,0 kg
60.681	2600 mm	P.O.A.	38,0 kg
60.682	3100 mm	P.O.A.	45,5 kg
60.683	4100 mm	P.O.A.	60,0 kg



### EXAMPLE OF USE

M8 grub screw for a constant clamping of sectionalized dies UKB-System Amada with clamping strip



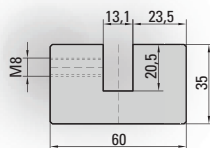
## Die shoe adaptors UKB-Systems Trumpf/Wila/Bystronic

### PRODUCT ADVANTAGES

- ▶ Die shoe adaptor for 13 x 20 mm clamping width can be used on all press brakes with a flat table, to use dies **UKB-Systems Trumpf/Wila/Bystronic**
- ▶ Use the variety of the dies
  - UKB-System Trumpf (chapter 02)
  - UKB-System Wila (chapter 03)
  - UKB-System Bystronic (chapter 05)

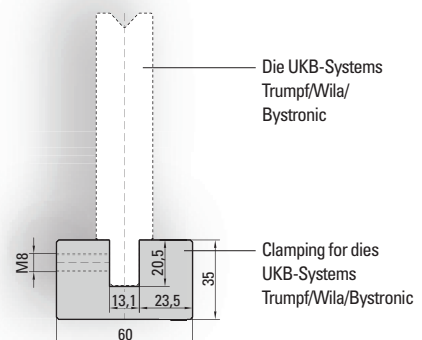
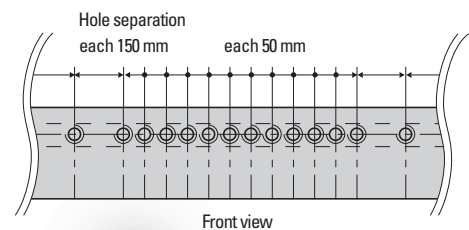
#### 60.901 – 60.904 24h

Model	Length	Price	Weight
60.901	2100 mm	P.O.A.	38,5 kg
60.902	2600 mm	P.O.A.	47,5 kg
60.903	3100 mm	P.O.A.	57,0 kg
60.904	4100 mm	P.O.A.	75,0 kg



### EXAMPLE OF USE

M8 grub screw for a constant clamping of sectionalized dies UKB-Systems Trumpf/Wila/Bystronic

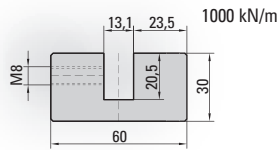


## Die adaptors

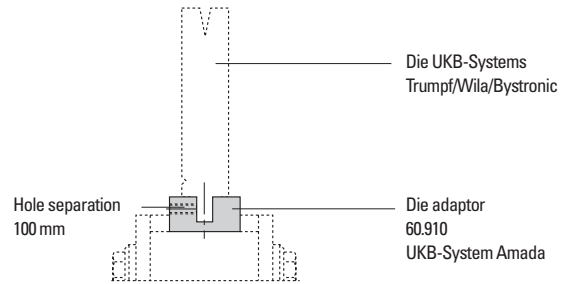
### 60.910 24h

1000 mm	P.O.A.	15,0 kg
500 mm	P.O.A.	7,5 kg

UKB-System Amada →  
UKB-Systems Trumpf/Wila/Bystronic



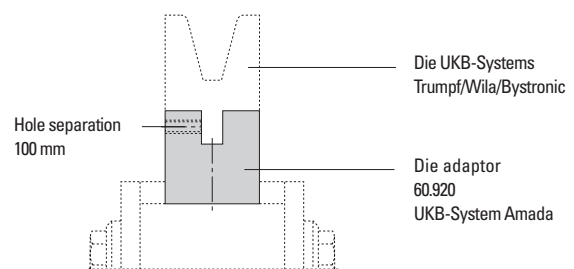
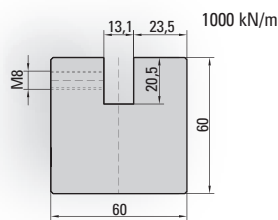
### EXAMPLES OF USE



### 60.920 24h

1000 mm	P.O.A.	30,0 kg
500 mm	P.O.A.	15,0 kg

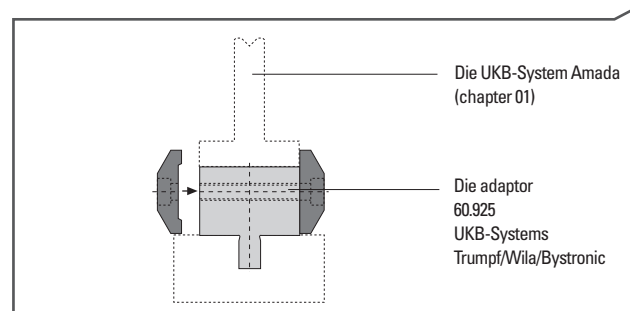
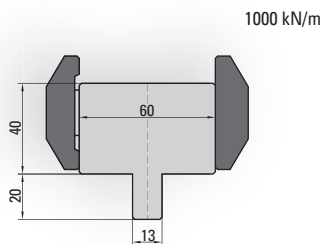
UKB-System Amada →  
UKB-Systems Trumpf/Wila/Bystronic



### 60.925 24h

835 mm	P.O.A.	25,0 kg
415 mm	P.O.A.	12,5 kg

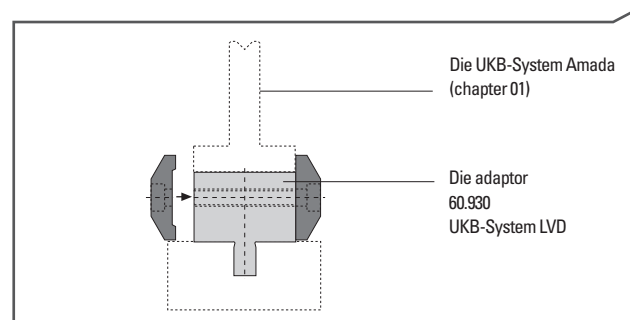
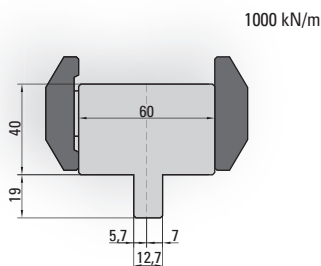
UKB-Systems Trumpf/Wila/Bystronic →  
UKB-System Amada



### 60.930 24h

835 mm	P.O.A.	25,0 kg
415 mm	P.O.A.	12,5 kg

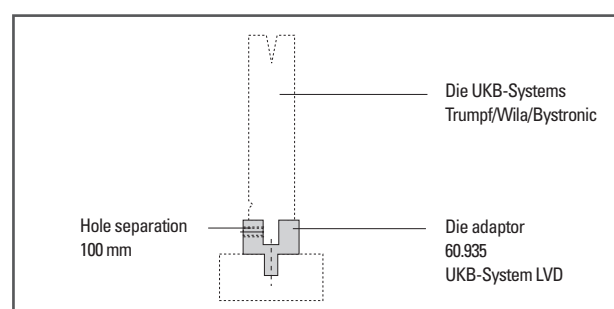
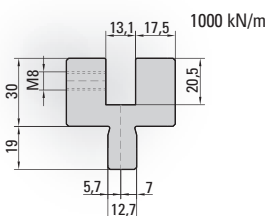
UKB-System LVD →  
UKB-System Amada



### 60.935 24h

1000 mm	P.O.A.	11,0 kg
500 mm	P.O.A.	5,5 kg

UKB-System LVD →  
UKB-Systems Trumpf/Wila/Bystronic



# UKB-PRESS BRAKE TOOL CABINETS

Explanation . . . . .	198 – 199
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## Press brake tool cabinets

### PRODUCT ADVANTAGES

- ▶ Tools are secured against damage and soiling
- ▶ Time-saving through quick access and easy handling
- ▶ Robust and strong construction
- ▶ Functional and practical



### VIDEO

UKB-Press brake tool cabinets



### LPT-ADVANTAGES

- ▶ **Office hours:** From Monday to Friday from 8:00am to 6:00pm
- ▶ **Dispatch time:** Press brake tool cabinets colour blue/white in **24 h**
- ▶ **Shipping:** Orders placed before 2:00pm on the same working day
- ▶ **Delivery service:**
  - Standard: 4 days typical by forwarder
  - Express service: According agreement
- ▶ **Package:** Ecologically sensitive and safe
- ▶ **Payment options:** 30 days invoice

### VIDEO

UKB-Image



## Press brake tool cabinet equipment

- ▶ Powder-coated: Standard body blue (RAL 5010), drawers white (RAL 9016)
- ▶ Transport pockets for forklift or jacklift – for fast relocation when the cabinet is empty
- ▶ Height adjustable, galvanized shelves (spacing 50 mm)
- ▶ Lockable drawers



## Flexible colour scheme

- ▶ Available in all RAL-colours



# UKB-PRESS BRAKE TOOL CABINETS

Phone 01384 443 808 . Fax 01384 393 985

## Press brake tool cabinets UKB-System Amada

### 40.641 B 24h

Colour Body blue (RAL 5010) drawers white (RAL 9016)

Price P.O.A.

### 40.641 RAL

Colour RAL colour on demand



Price P.O.A.

Delivery time on request

Tools	
Equipment	3 Vertical drawers on casters with in total: <ul style="list-style-type: none"> <li>■ 12 Pair of shelves (92.681) for punches/top tools and dies L = 835 mm</li> <li>■ 3 Pieces of shelves (92.682) for punches/top tools and dies L ≤ 835 mm</li> <li>■ Possibilities to store accessories (Measuring devices, consumables, etc .)</li> </ul>
Capacity	Up to 25 m of punches/top tools and dies
Dimensions	660 mm x 1240 mm x 1050 mm (W x H x D)
Weight	180 kg



### 40.651 B 24h

Colour Body blue (RAL 5010) drawers white (RAL 9016)

Price P.O.A.

### 40.651 RAL

Colour RAL colour on demand



Price P.O.A.

Delivery time on request

Tools	
Equipment	5 Vertical drawers on casters with in total: <ul style="list-style-type: none"> <li>■ 20 Pair of shelves (92.681) for punches/top tools and dies L = 835 mm</li> <li>■ 5 Pieces of shelves (92.682) for punches/top tools and dies L ≤ 835 mm</li> <li>■ Possibilities to store accessories (Measuring devices, consumables, etc .)</li> </ul>
Capacity	Up to 42 m of punches/top tools and dies
Dimensions	1040 mm x 1240 mm x 1050 mm (W x H x D)
Weight	270 kg



# UKB-PRESS BRAKE TOOL CABINETS

sales@lptooling.co.uk . www.lptooling.co.uk



## Press brake tool cabinets UKB-System Amada

### 40.650 B

24h

Colour Body blue (RAL 5010) drawers white (RAL 9016)

Price P.O.A.

### 40.650 RAL

Colour RAL colour on demand



Price P.O.A.

Delivery time on request



Tools	
Equipment	<ul style="list-style-type: none"> <li>6 Fixed shelves with 8-15 storage places L ≤ 835 mm</li> <li>1 Pull out drawer with 8-15 storage places</li> </ul>
Capacity	Up to 47 m of punches/top tools and dies
Dimensions	900 mm x 1550 mm x 900 mm (W x H x D)
Weight	220 kg

## Shelves UKB-System Amada

### 92.681

24h

P.O.A.

1,8 kg

For punches/top tools and dies with L = 835 mm  
Capacity: 1,67 m

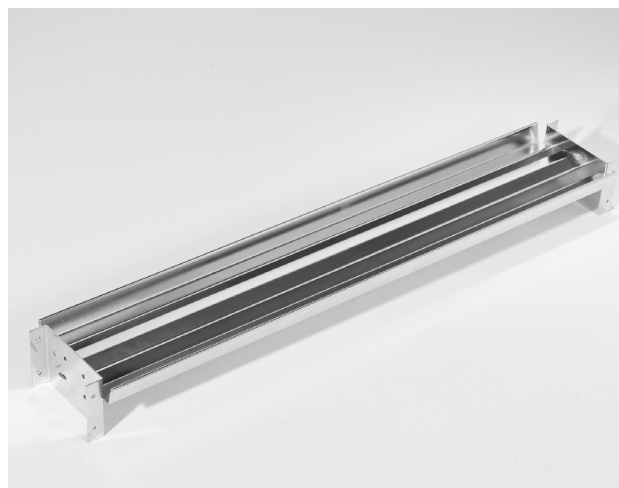
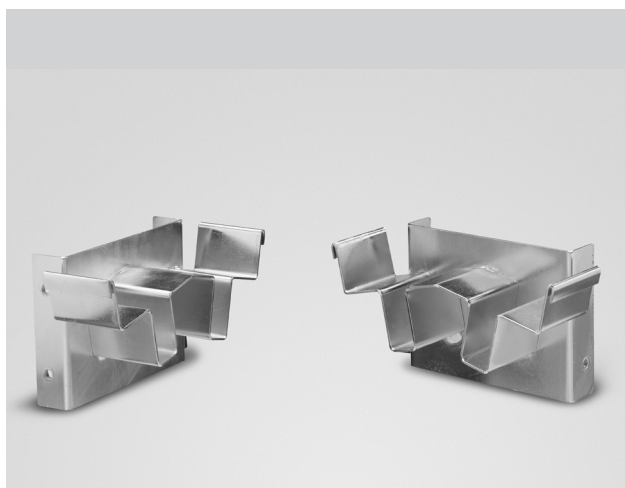
### 92.682

24h

P.O.A.

4,1 kg

For punches/top tools and dies with L ≤ 835 mm  
Capacity: 1,67 m





# UKB-PRESS BRAKE TOOL CABINETS

Phone 01384 443 808 . Fax 01384 393 985

## Press brake tool cabinets UKB-Systems Trumpf/Wila/LVD/Bystronic

### 40.643 B

24h

Colour Body blue (RAL 5010) drawers white (RAL 9016)

Price P.O.A.

### 40.643 RAL

Colour RAL colour on demand



Price P.O.A.

Delivery time on request

Tools	
Equipment	<p>3 Vertical drawers on casters with in total:</p> <ul style="list-style-type: none"> <li>5 Pieces of shelves (92.685) for punches/top tools <math>L \leq 1100</math> mm</li> <li>5 Pieces of shelves (92.686) for dies <math>L \leq 1100</math> mm incl. 36 pieces separating plates (92.689)</li> <li>Possibilities to store accessories (Measuring devices, consumables, etc.)</li> </ul>
Capacity	Up to 11 m punches/top tools and up to 16 m dies
Dimensions	660 mm x 1240 mm x 1350 mm (W x H x D)
Weight	230 kg



### 40.653 B

24h

Colour Body blue (RAL 5010) drawers white (RAL 9016)

Price P.O.A.

### 40.653 RAL

Colour RAL colour on demand



Price P.O.A.

Delivery time on request

Tools	
Equipment	<p>5 Vertical drawers on casters with in total:</p> <ul style="list-style-type: none"> <li>9 Pieces of shelves (92.685) for punches/top tools <math>L \leq 1100</math> mm</li> <li>8 Pieces of shelves (92.686) for dies <math>L \leq 1100</math> mm incl. 48 pieces separating plates (92.689)</li> <li>Possibilities to store accessories (Measuring devices, consumables, etc.)</li> </ul>
Capacity	Up to 20 m punches/top tools and up to 26 m dies
Dimensions	1040 mm x 1240 mm x 1350 mm (W x H x D)
Weight	340 kg





# UKB-PRESS BRAKE TOOL CABINETS

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## Press brake tool cabinets UKB-Systems Trumpf/Wila/LVD/Bystronic

### 40.654 B

24h

Colour Body blue (RAL 5010) drawers white (RAL 9016)

Price P.O.A.

### 40.654 RAL

Colour RAL colour on demand



Price P.O.A.

Delivery time on request



Tools	
Equipment	<p>5 Vertical drawers on casters with in total:</p> <ul style="list-style-type: none"> <li>12 Pieces of shelves (92.685) for punches/top tools <math>L \leq 1100</math> mm</li> <li>10 Pieces of shelves (92.686) for dies <math>L \leq 1100</math> mm incl. 60 pieces separating plates (92.689)</li> <li>Possibilities to store accessories (Measuring devices, consumables, etc.)</li> </ul>
Capacity	Up to 26 m punches/top tools and up to 33 m dies
Dimensions	1040 mm x 1620 mm x 1350 mm (W x H x D)
Weight	410 kg

## Shelves UKB-Systems Trumpf/Wila/LVD/Bystronic

### 92.685

24h

P.O.A.

5,2 kg

for punches/top tools with  $L \leq 1100$  mm  
Capacity: 2,2 m

### 92.686

24h

P.O.A.

5,2 kg

for dies with  $L \leq 1100$  mm  
incl. 6 separating plates  
Capacity: 3,3 m



# UKB-PRESS BRAKE TOOL CABINETS

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## Tool trolley UKB-Systems Trumpf/Wila/LVD

### 40.633 B

24h

Colour blue (RAL5010)

Price P.O.A.

### 40.633 RAL

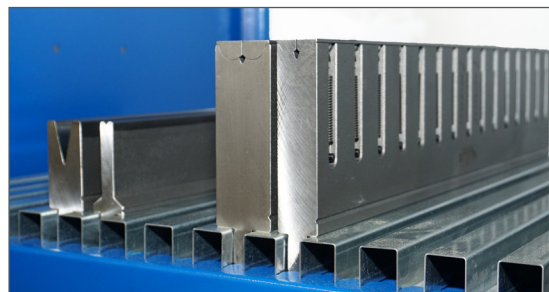
Colour RAL colour on demand



Price P.O.A.

Delivery time on request

Tools	
Equipment	<ul style="list-style-type: none"> <li>8 Pieces of mounting rails for punches/top tools <b>with safety pins</b> L ≤ 500 mm</li> <li>2 Pieces of shelves for punches/top tools / In total about 1600 mm</li> <li>48 Pieces of mounting rails for dies L ≤ 500 mm</li> <li>Possibilities to store accessories</li> </ul>
Capacity	Up to 5,6 m punches/top tools and up to 24 m dies
Dimensions	1060 mm x 1710 mm x 610 mm (W x H x D)
Weight	110 kg



## Shelves UKB-Other systems

### 92.684

24h

P.O.A.

6,5 kg

For punches/top tools and dies with L ≤ 1100 mm, clamping flange individual adjustable  
Capacity: 3,3 m



# UKB-PRESS BRAKE TOOL CABINETS

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## Press brake tool cabinets UKB-Other systems

### 40.642 B

24h

Colour Body blue (RAL 5010) drawers white (RAL 9016)

Price P.O.A.

### 40.642 RAL

Colour RAL colour on demand



Price P.O.A.

Delivery time on request

Tools	
Equipment	<p>3 Vertical drawers on casters with in total:</p> <ul style="list-style-type: none"> <li>9 Pieces of shelves (92.684) for punches/top tools and dies <math>L \leq 1100</math> mm</li> <li>Possibilities to store accessories (Measuring devices, consumables, etc.)</li> </ul>
Capacity	Up to 19 m of punches/top tools and dies
Dimensions	660 mm x 1240 mm x 1350 mm (W x H x D)
Weight	245 kg



### 40.652 B

24h

Colour Body blue (RAL 5010) drawers white (RAL 9016)

Price P.O.A.

### 40.652 RAL

Colour RAL colour on demand



Price P.O.A.

Delivery time on request

Tools	
Equipment	<p>5 Vertical drawers on casters with in total:</p> <ul style="list-style-type: none"> <li>15 Pieces of shelves (92.684) for punches/top tools and dies <math>L \leq 1100</math> mm</li> <li>Possibilities to store accessories (Measuring devices, consumables, etc.)</li> </ul>
Capacity	Up to 33 m of punches/top tools and dies
Dimensions	1040 mm x 1240 mm x 1350 mm (W x H x D)
Weight	370 kg



# UKB-ACCESSORIES

Squaring arms. . . . . 208 – 209  
 Digital angle gauges . . . . . 209  
 Insertion tools. . . . . 210 – 211

## UKB-Vibro Hammer

### PRODUCT ADVANTAGES

- ▶ Blanks of laser or water jet cut sheets can be easily removed
- ▶ The exchangeable tool inserts prevent damage
- ▶ Enormous reduction of time and effort
- ▶ Easy connection to your conventional compressor / air pressure connection
- ▶ The vibration can be controlled by regulating the air pressure
- ▶ Tool inserts available as spare parts

**VIDEO**  
 UKB-Vibro Hammer



### Vibro Hammer 24h

40.100	Set	P.O.A.	1,3 kg
--------	-----	--------	--------

incl. all inserts (40.101 - 40.104)



### Tool inserts 24h

40.101	Soft-plastik	blue	P.O.A.	0,1 kg
40.102	Medium-plastik	black	P.O.A.	0,1 kg
40.103	Hard-plastik	yellow	P.O.A.	0,1 kg
40.104	Aluminium	silver	P.O.A.	0,1 kg

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## Squaring arms

### PRODUCT ADVANTAGES

- ▶ Flexible and exact adjustable
- ▶ Angle infinitely variable (depending on the model)
- ▶ Stopper system for long, small and not square sheet metal parts

**VIDEO**

UKB-Accessories



### Squaring arms 90°

**40.720**

24h

Per Piece	P.O.A.	1,5 kg
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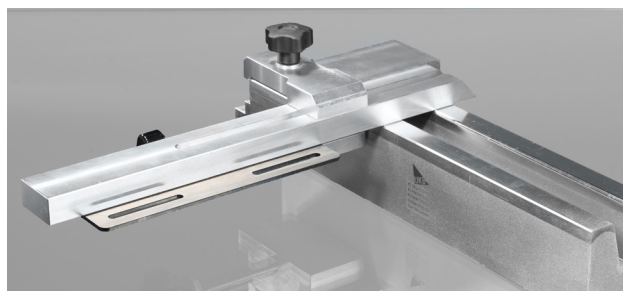
- ▶ Usable as a stop 90° left and right
- ▶ Fixation on the die by adjustable clamping
- ▶ Flexible applicable on all dies up to **60 mm width**
- ▶ Light construction
- ▶ Dimensions: (H x W x D) about 80 x 125 x 320 mm

**40.730**

24h

Per Piece	P.O.A.	1,5 kg
-----------	--------	--------

- ▶ Usable as a stop 90° left and right
- ▶ Fixation on the die by adjustable clamping
- ▶ Flexible applicable on all dies up to **105 mm width**
- ▶ Light construction
- ▶ Dimensions: (H x W x D) about 80 x 125 x 320 mm

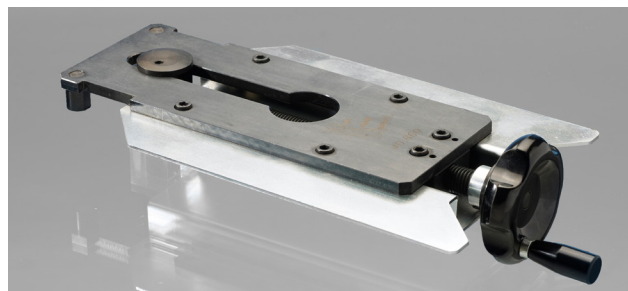


**40.660**

24h

Per Piece	P.O.A.	3,0 kg
-----------	--------	--------

- ▶ Usable as a stop 90° left and right
- ▶ Fixation on the die by adjustable clamping
- ▶ Flexible applicable on all dies up to 60 mm width
- ▶ Light construction
- ▶ Dimensions: (H x W x D) about 70 x 170 x 335 mm



### Adjustable squaring arm 60-120°

**40.700**

24h

Per Piece	P.O.A.	3,5 kg
-----------	--------	--------

- ▶ Stepless angle adjustment by 30° each
- ▶ Usable as a stop left and right
- ▶ Fixation on the die by adjustable clamping
- ▶ Flexible applicable on all dies up to 60 mm width
- ▶ Light construction
- ▶ Dimensions: (H x W x D) about 70 x 170 x 460 mm



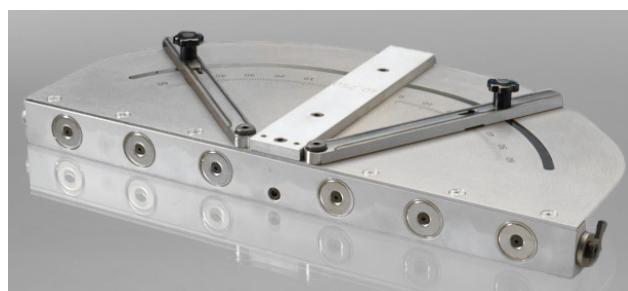
### Magnetic, adjustable squaring arm 30-90°

**40.750**

24h

Per Piece	P.O.A.	5,5 kg
-----------	--------	--------

- ▶ Stepless angle adjustment by 60° each
- ▶ Usable as a stop left and right
- ▶ Magnetic fixing at the front side of the die
- ▶ No interruption of the optical safety devices
- ▶ Flexible applicable on all dies from 415 mm length
- ▶ Light construction
- ▶ Dimensions: (H x W x D) about 70 x 520 x 250 mm



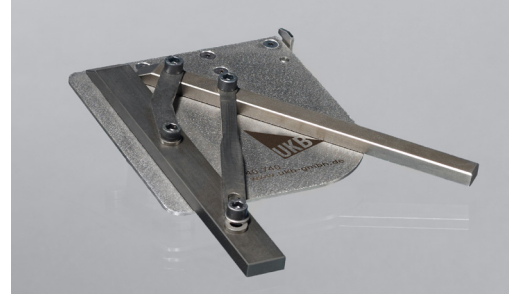
## Squaring arms

### Squaring arms 0-90°

#### 40.740 24h

Per Piece	P.O.A.	1,3 kg
-----------	--------	--------

- ▶ Stepless angle adjustment 90°
- ▶ Usable as a stop left
- ▶ Magnetic fixing at the front side of the die
- ▶ No interruption of the optical safety devices
- ▶ Flexible applicable on all dies from 130 mm length
- ▶ Light construction
- ▶ Dimensions: (H x W x D) about 50 x 130 x 190 mm



#### 40.745 24h

Per Piece	P.O.A.	1,3 kg
-----------	--------	--------

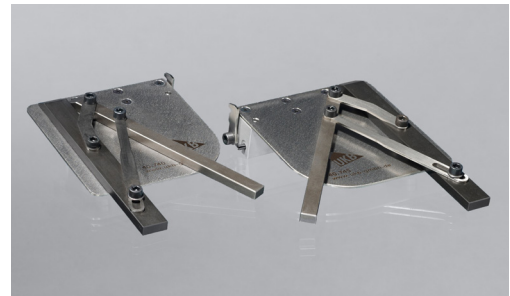
- ▶ Stepless angle adjustment 90°
- ▶ Usable as a stop right
- ▶ Magnetic fixing at the front side of the die
- ▶ No interruption of the optical safety devices
- ▶ Flexible applicable on all dies from 130 mm length
- ▶ Light construction
- ▶ Dimensions: (H x W x D) about 50 x 130 x 190 mm



#### 40.740+40.745 24h

Set	P.O.A.	2,60 kg
-----	--------	---------

- ▶ Stepless angle adjustment 90°
- ▶ Usable as a stop left respectively right
- ▶ Magnetic fixing at the front side of the die
- ▶ No interruption of the optical safety devices
- ▶ Flexible applicable on all dies from 130 mm length
- ▶ Light construction
- ▶ Dimensions: (H x W x D) about 50 x 130 x 190 mm



## Digital angle gauges

#### 40.015 24h

Per Piece	P.O.A.	0,20 kg
-----------	--------	---------

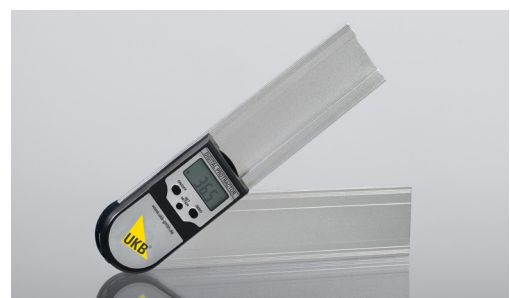
- ▶ Length of the inside flange at 90°: approx 54 mm
- ▶ Flexible measuring zone: 360°
- ▶ Display accuracy: 0,1°
- ▶ Zero position in any position of the flanges possible
- ▶ Clamping in any position of the flanges possible
- ▶ Contact surface of the flanges magnetic
- ▶ Dimensions: (H x W x L) about 22 x 50 x 104 mm



#### 40.016 24h

Per Piece	P.O.A.	0,32 kg
-----------	--------	---------

- ▶ Length of the inside flange at 90°: approx 177 mm
- ▶ Flexible measuring zone: 360°
- ▶ Display accuracy: 0,1°
- ▶ Zero position in any position of the flanges possible
- ▶ Clamping in any position of the flanges possible
- ▶ Contact surface of the flanges magnetic
- ▶ Dimensions: (H x W x L) about 22 x 50 x 227 mm



## Insertion tools

### PRODUCT ADVANTAGES

- ▶ Insertion of threaded bolts and screw nuts from M3 up to M10 on your press brake possible without a special machine
- ▶ Different sizes of threaded bolts and screw nuts with short set up time applicable
- ▶ Build up of several tools next to each other possible
- ▶ Wear resistance though hardened body and active components
- ▶ Pressure surface and active components ground to avoid marks on the sheets
- ▶ Clearly arranged storage in corresponding suitcase

**VIDEO**

UKB-Accessories



### UKB-SYSTEM AMADA

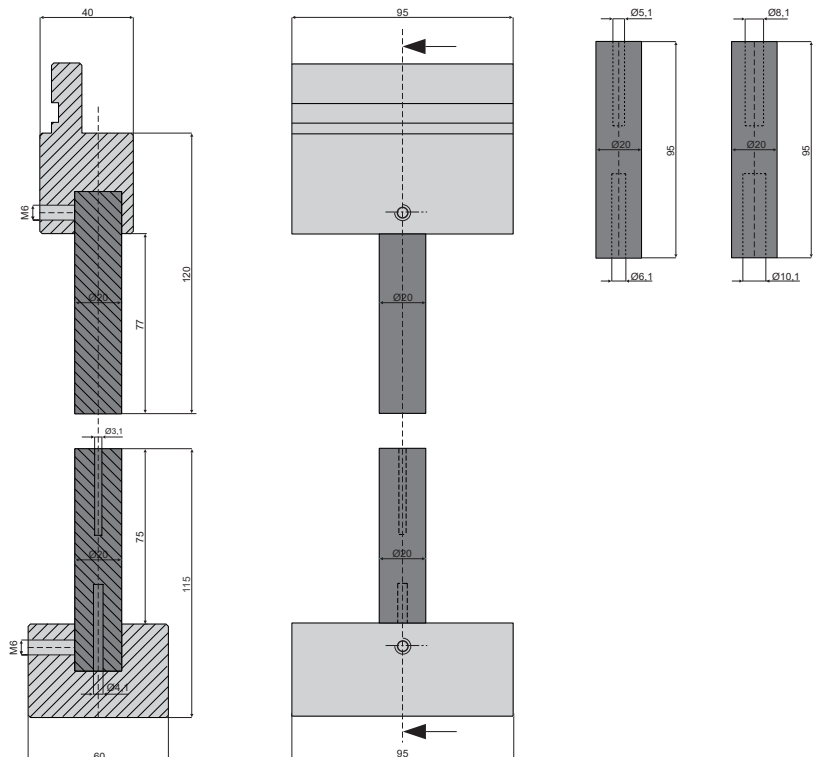
**40.950** **24h**

Set	P.O.A.	5,5 kg
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Set consists of:  
 Punch/top tool holder  
 Die holder  
 4 Bolts  
 Tool case

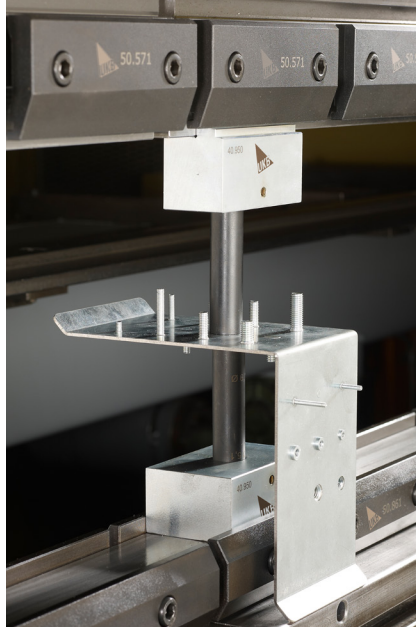
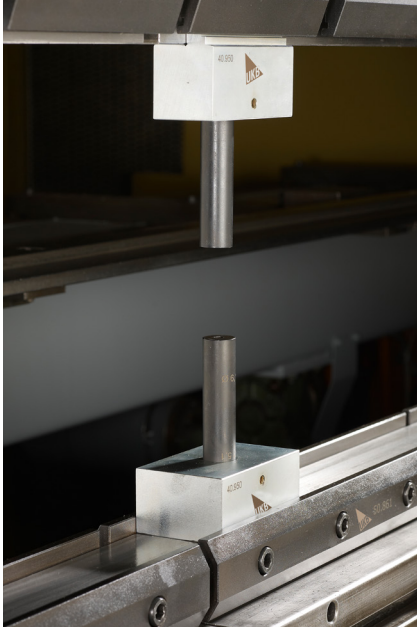
### LPT-INFO

*Via adaptor systems applicable on all other press brakes!*



# UKB-ACCESSORIES

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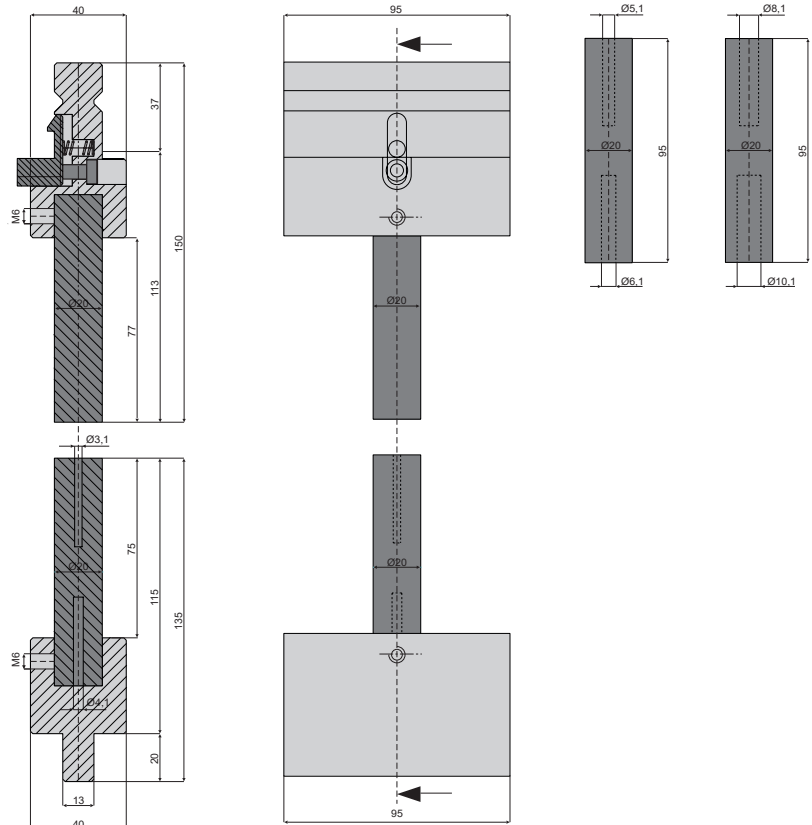


## UKB-SYSTEMS TRUMPF/WILA

**40.960** **24h**

1 Set P.O.A. 5,2 kg

Set consists of:  
 Punch/top tool holder incl. Simple Clamp  
 Die holder  
 4 Bolts  
 Tool case



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