

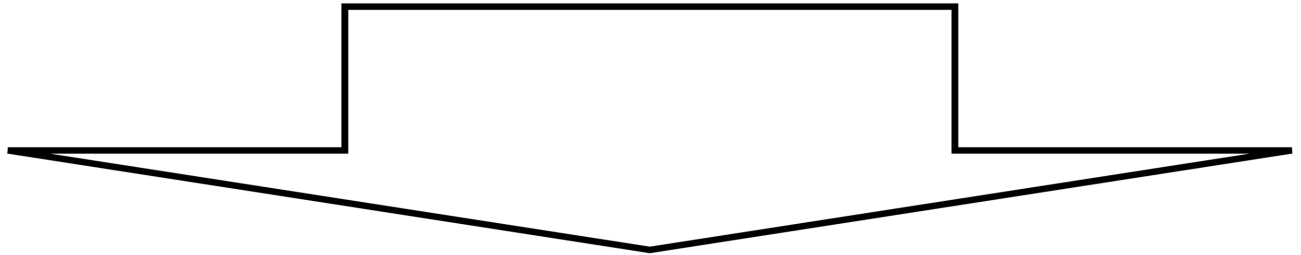


SSHV | ASCA

Schweizerischer Stahl- und Haustechnikhandelsverband SSHV
Association Suisse du Commerce de l'Acier et de la Technique du Bâtiment ASCA
Associazione Svizzera del Commercio dell'Acciaio e dell'Impiantistica ASCA

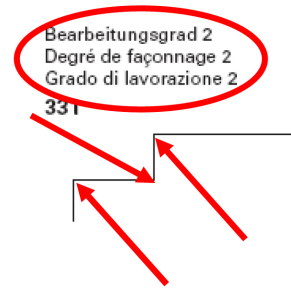
Figurenliste und Richtlinien zur Betonstahlverarbeitung 2010

16	101	10	117	118.17	
17	38	8	119	45.22	
18	38	8	123	46.74	
19	40	10	173	69.20	
20	26	12	214	55.64	
21	8	10	166	13.28	
22	26	10	122	31.72	
32	6	10	827	49.62	



Richtlinien und Handhabung

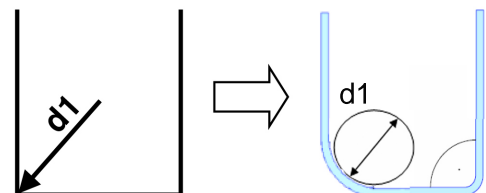
1. Die Figuren sind nach Anzahl Biegungen gruppiert.
(z.B. Nummer 331 = 3 Biegungen).



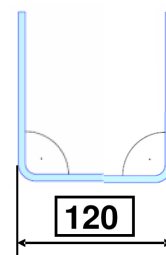
2. Innerhalb dieser Gruppierung sind die Figuren nach dem Bearbeitungsgrad geordnet. Die Bearbeitungsgrade sind: Bearbeitungsgrad 1, Bearbeitungsgrad 2, Bearbeitungsgrad S.

3. Nicht aufgeführte Figuren werden nach Aufwand verrechnet.

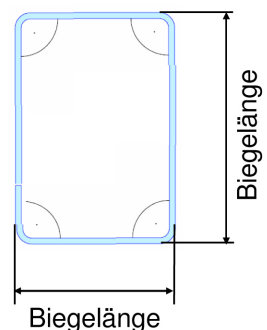
4. Abbiegungen mit einem Biegerollendurchmesser d_1 sind vom Ingenieur auf der Betonstahlliste speziell zu bezeichnen. Diese Figuren werden nach Bearbeitungsgrad S oder nach Aufwand verrechnet.



5. Masse, welche von der Mass- und Längentoleranz gemäss SIA abweichen, müssen auf der Betonstahlliste speziell mit einem Rechteck umrahmt werden. Diese Figuren werden nach Bearbeitungsgrad S oder nach Aufwand verrechnet.

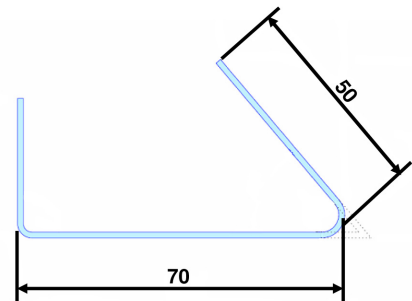


6. Sofern bei geschlossenen Bügeln die Biegelänge weniger als 21 cm beträgt, wird die Figur nach Aufwand verrechnet.

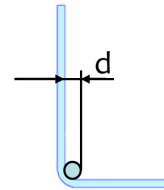


Richtlinien und Handhabung

7. Die Masse (Längenangaben) in den Betonstahllisten sind grundsätzlich AUSSENMASSE (cm).

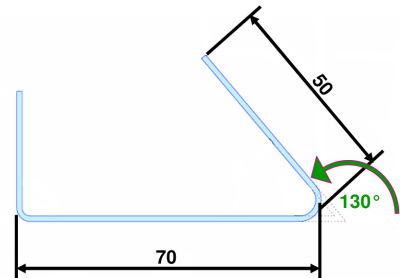


8. Biegedorn- bzw. Biegerolldurchmesser (d) in mm und als INNENMASSE.



9. Betonstahldurchmesser ausschliesslich in mm.

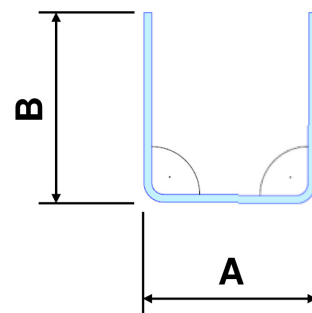
10. Die Biegereien benötigen zwingend die Längenangaben und Biegewinkel in Grad (360°).



11. Gebogener Betonstahl bis Ø12mm wird in geraden Stückzahlen produziert.

12. Aus Produktionstechnischen Gründen dürfen die Schenkellängen für Anfangs- und Mittelschenkel nicht unterschritten werden.

	Ø (mm)	A (cm)	B (cm)
d3	8	8	6
	10	10	7
	12	12	10
	14	14	12
	16	16	13
d2	18	22	17
	20	24	18
	22	32	25
	26	37	29
	30	42	33
	34	56	35
	40	64	44



13. Schriftgrösse 12 für alle Masse verwenden.

14. Überlängen (>14m) und Überbreiten (>2.50m) werden nach Aufwand verrechnet.

FIGURENLISTE
LISTE DES FIGURES
LISTA DELLE FIGURE

Fix
Fixe
Fisso

1



Bearbeitungsgrad 1
Degré de façonnage 1
Grado di lavorazione 1

101



102



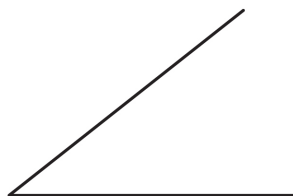
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104

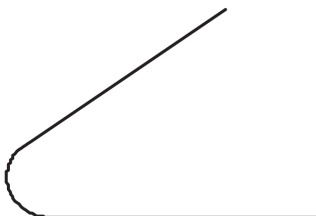


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Bearbeitungsgrad S
Degré de façonnage S
Grado di lavorazione S

181



182



183



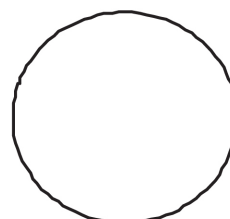
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185



186



Bearbeitungsgrad 1
Degré de façonnage 1
Grado di lavorazione 1

201



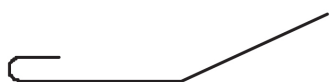
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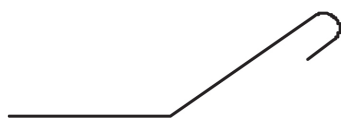
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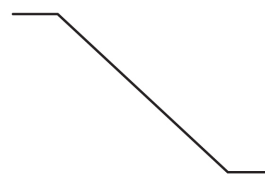
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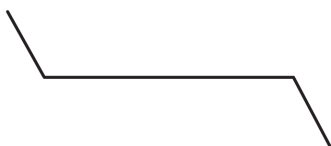
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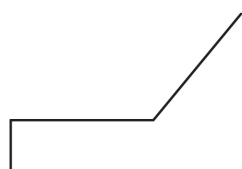
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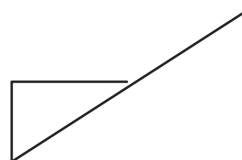
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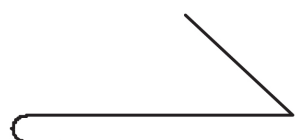
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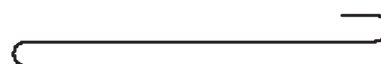
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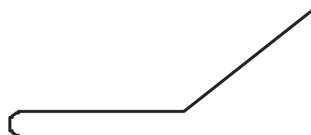
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219



221



Bearbeitungsgrad 2
Degré de façonnage 2
Grado di lavorazione 2

231



232



233

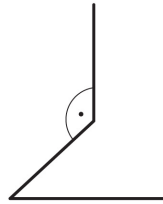


Bearbeitungsgrad S
Degré de façonnage S
Grado di lavorazione S

281



282 3D



Bearbeitungsgrad 1
Degré de façonnage 1
Grado di lavorazione 1

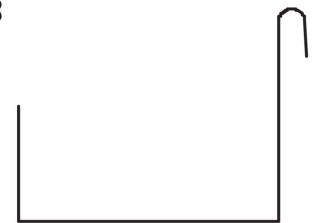
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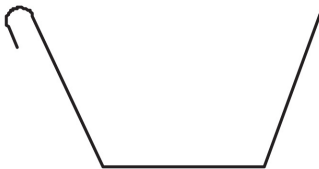
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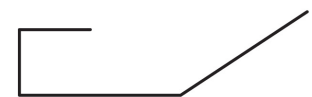
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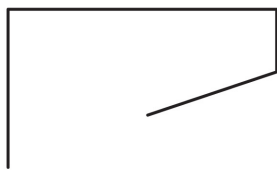
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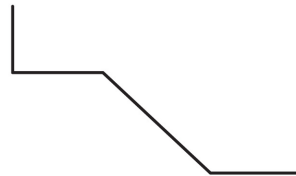
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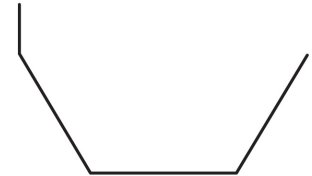
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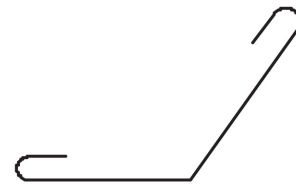
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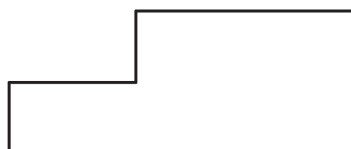


316



Bearbeitungsgrad 2
Degré de façonnage 2
Grado di lavorazione 2

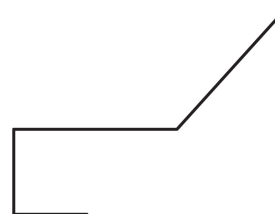
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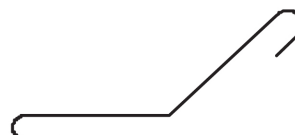
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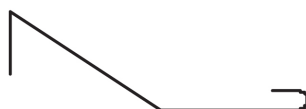
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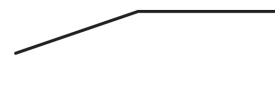
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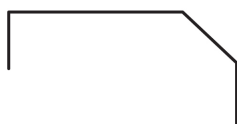
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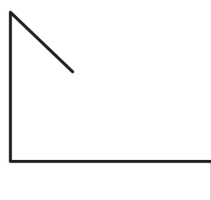
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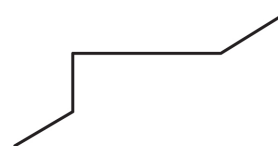
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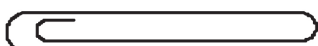
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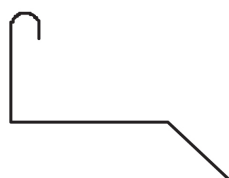
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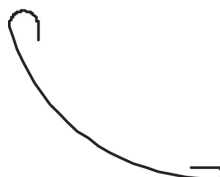


Bearbeitungsgrad S
Degré de façonnage S
Grado di lavorazione S

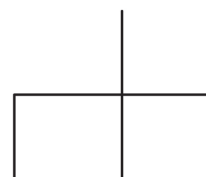
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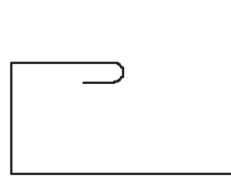


Bearbeitungsgrad 1
Degré de façonnage 1
Grado di lavorazione 1

401



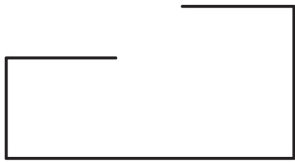
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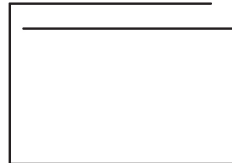
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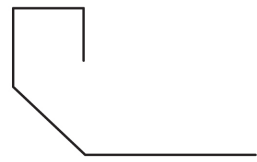
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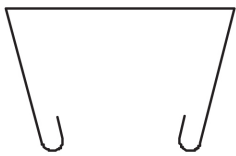
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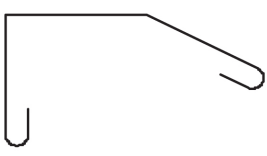
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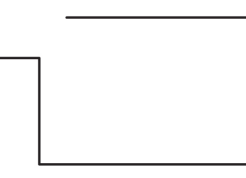


Bearbeitungsgrad 2
Degré de façonnage 2
Grado di lavorazione 2

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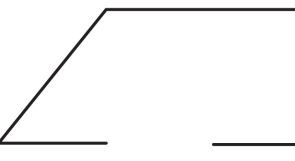
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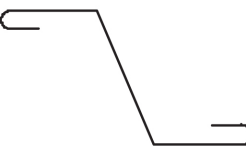
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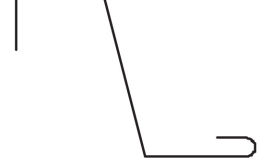
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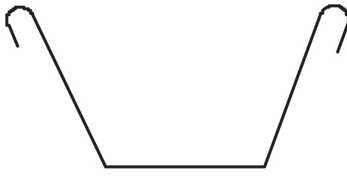
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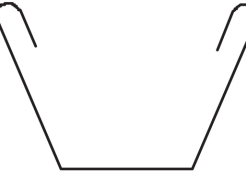
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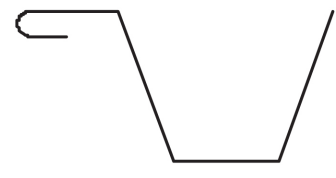
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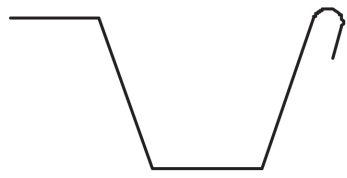
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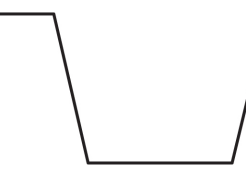
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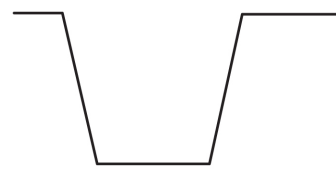
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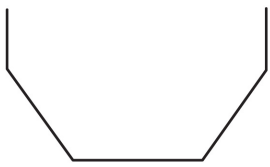
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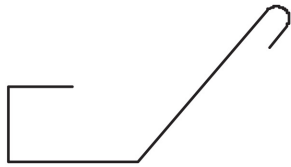
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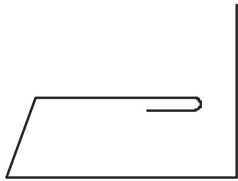
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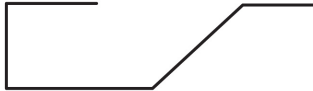
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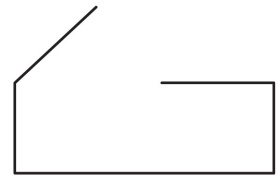
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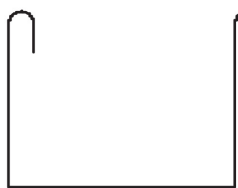
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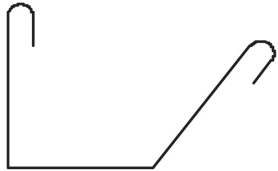
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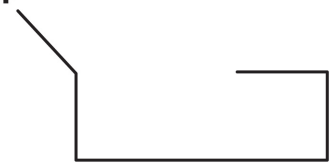
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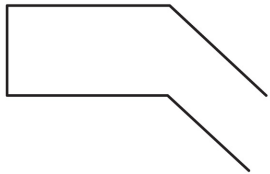
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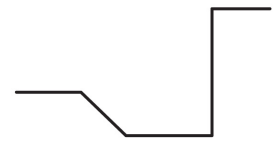
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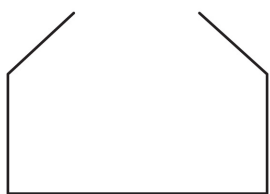
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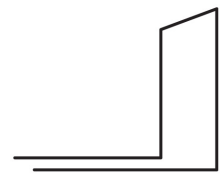
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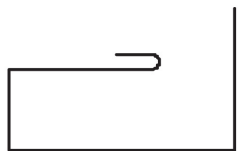
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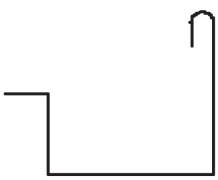
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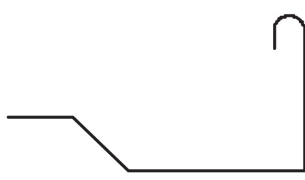
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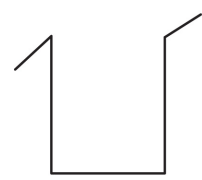
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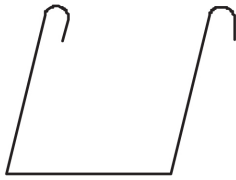
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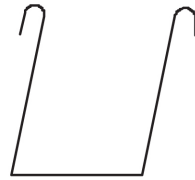
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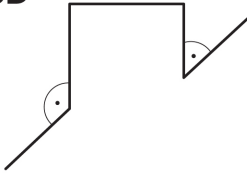


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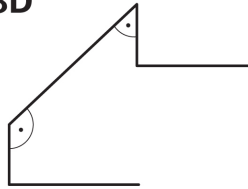


Bearbeitungsgrad S
Degré de façonnage S
Grado di lavorazione S

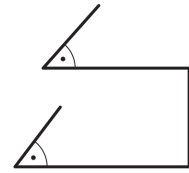
481 3D



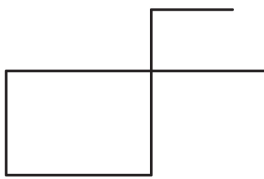
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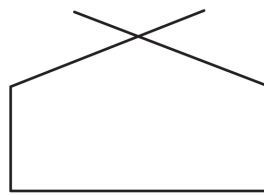
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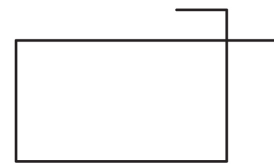
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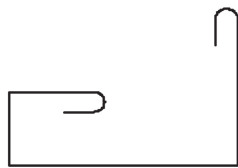
Bearbeitungsgrad 1
Degré de façonnage 1
Grado di lavorazione 1

501



Bearbeitungsgrad 2
Degré de façonnage 2
Grado di lavorazione 2

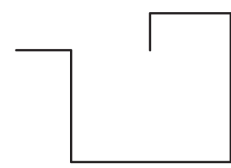
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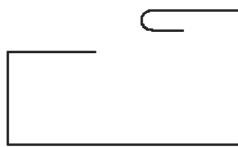
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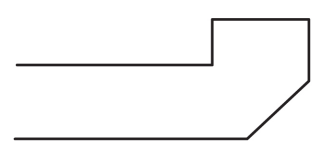
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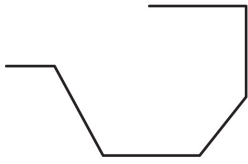
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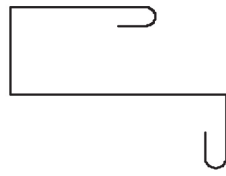
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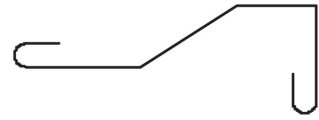
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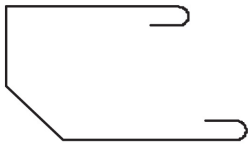
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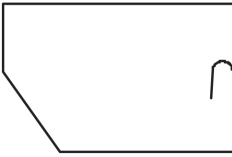
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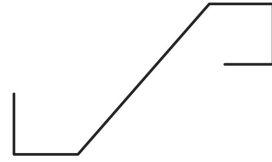
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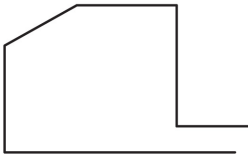
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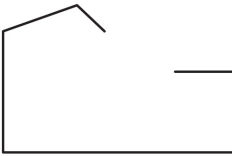
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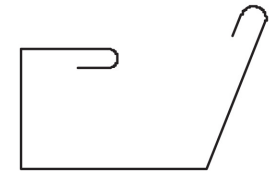
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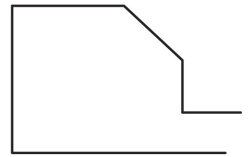
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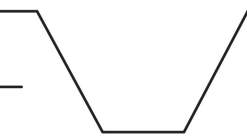
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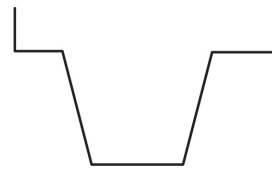
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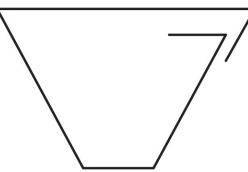
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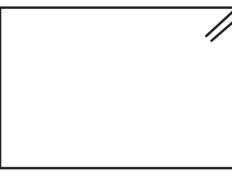
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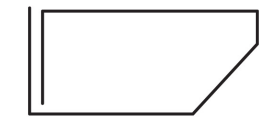
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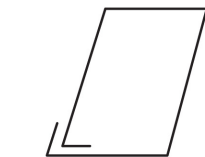
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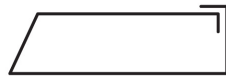
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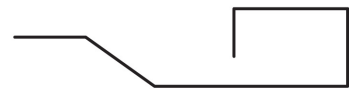
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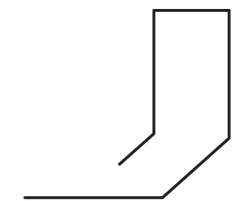
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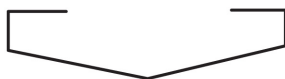
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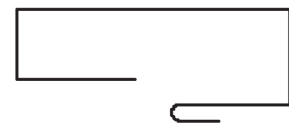
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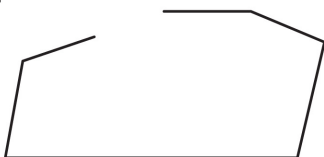
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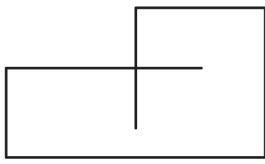


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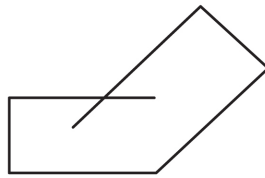


Bearbeitungsgrad S
Degré de façonnage S
Grado di lavorazione S

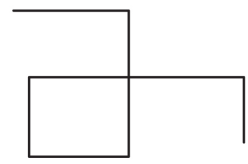
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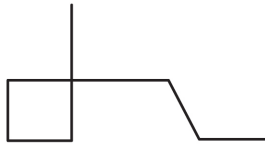
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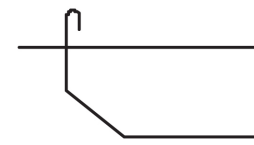
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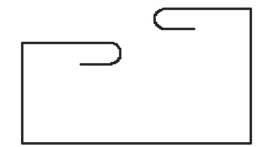


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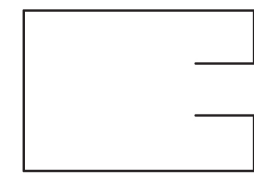


Bearbeitungsgrad S
Degré de façonnage S
Grado di lavorazione S

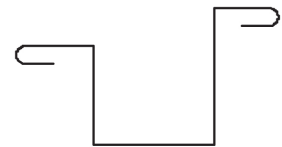
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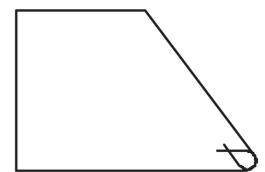
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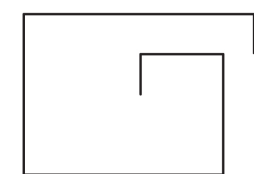
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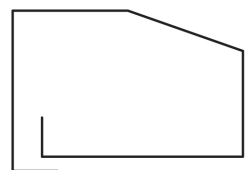
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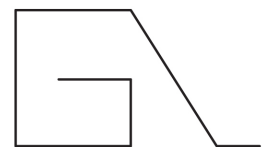
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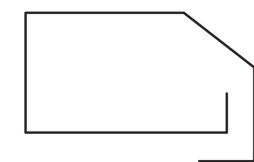
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