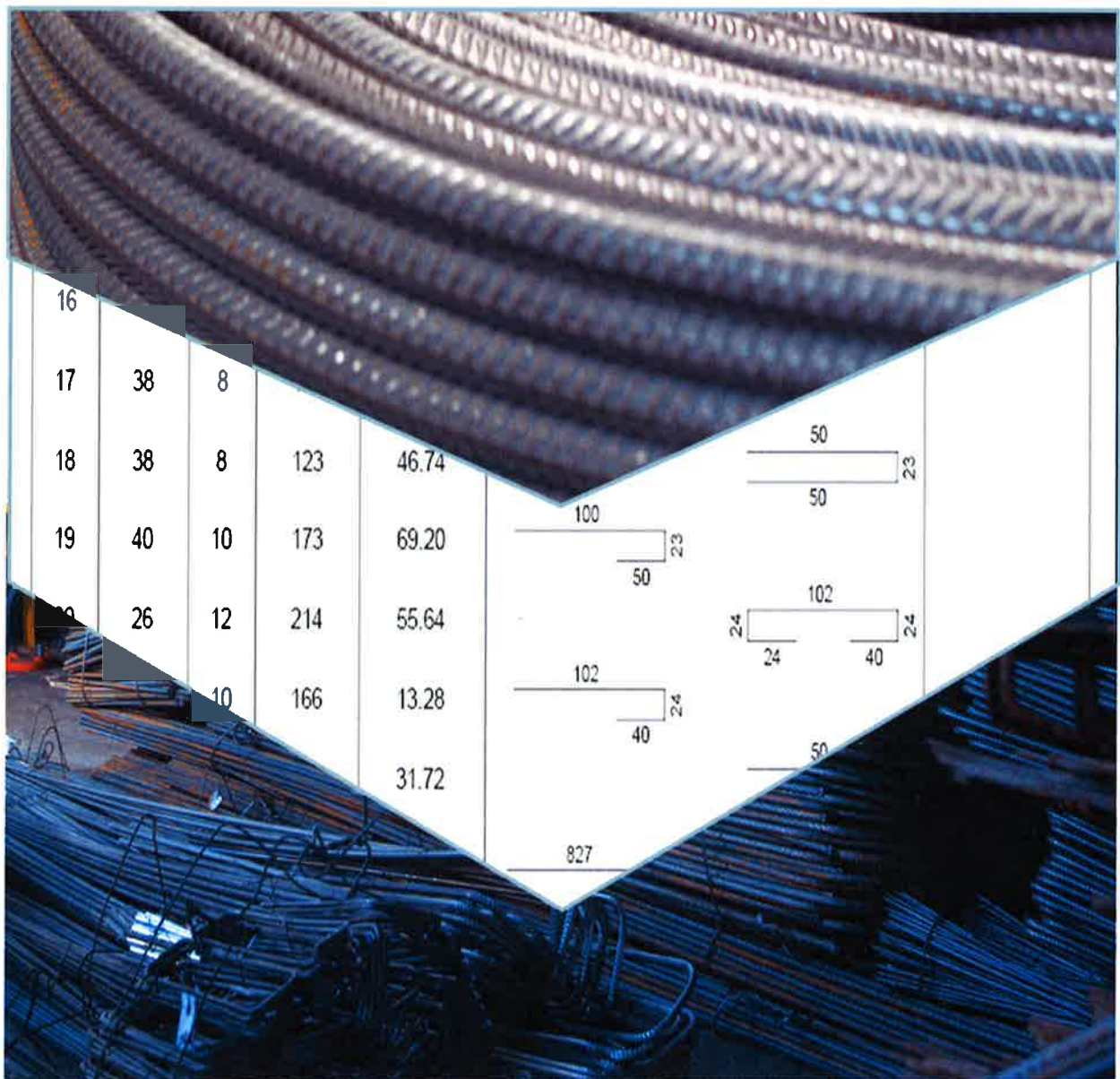


Figurenliste und Richtlinien zur Betonstahlverarbeitung 2014



Richtlinien und Handhabung gemäss SIA Norm

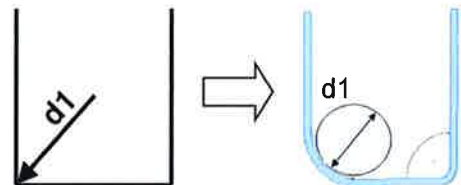
1. Die Figuren sind nach Anzahl Biegungen gruppiert.
(z.B. Nummer 331 = 3 Biegungen).



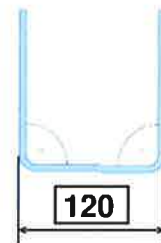
2. Innerhalb dieser Gruppierung sind die Figuren nach dem Bearbeitungsgrad geordnet. Die Bearbeitungsgrade sind: Bearbeitungsgrad 1, Bearbeitungsgrad 2, Bearbeitungsgrad S.

3. Nicht aufgeführte Figuren, sowie 3D, werden nach Aufwand verrechnet.

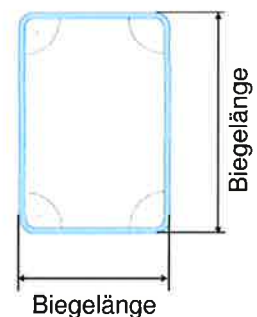
4. Abbiegungen mit einem Biegerolldurchmesser d_1 sind vom Ingenieur auf der Betonstahlliste speziell zu bezeichnen. Diese Figuren werden nach Bearbeitungsgrad S oder nach Aufwand verrechnet.



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.

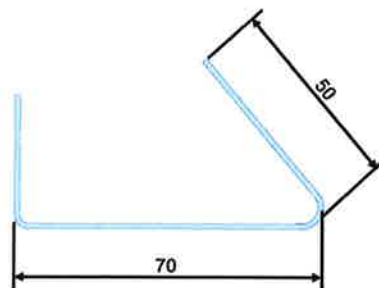


6. Sofern bei geschlossenen Bügeln die Biegelänge weniger als 21cm beträgt, wird die Figur nach Bearbeitungsgrad S verrechnet.

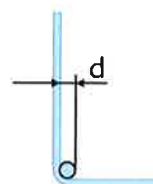


Richtlinien und Handhabung gemäss SIA Norm

7. Die Längenangaben in den Betonstahllisten sind grundsätzlich AUSSENMASSE in cm.

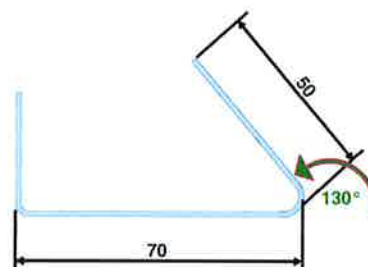


8. Biegedorn- bzw. Biegerolldurchmesser (d) in mm und als INNENMASSE.



9. Betonstahldurchmesser ausschliesslich in mm.

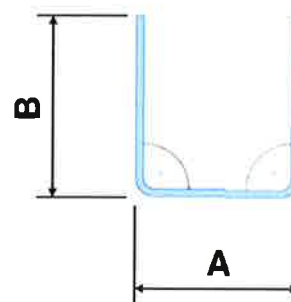
10. Die Biegereien benötigen zwingend die Längenangaben und Biegewinkel in Grad (360°).



11. Fixer und gebogener Betonstahl bis ϕ 16mm wird aus produktionstechnischen Gründen in geraden Stückzahlen produziert und verrechnet.

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

	\emptyset (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 (>15m) und Überbreiten (>2.50m) werden nach Aufwand verrechnet.

**FIGURENLISTE
LISTE DES FIGURES
LISTA DELLE FIGURE**

Fix
Fixe
Fisso

1

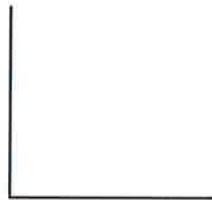


Bearbeitungsgrad 1
Degré de façonnage 1
Grado di lavorazione 1

101



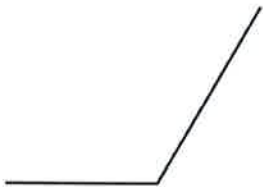
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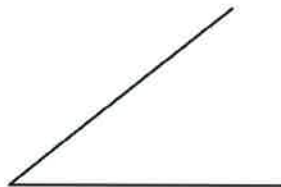
103



104

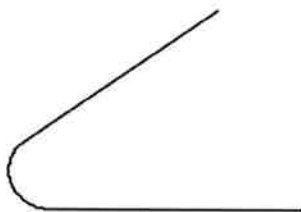


105



Bearbeitungsgrad S
Degré de façonnage S
Grado di lavorazione S

181



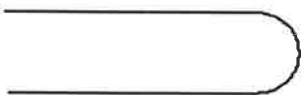
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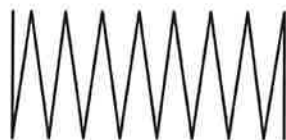
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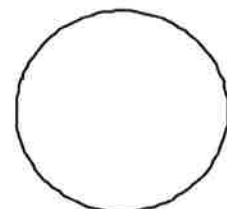
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186



Bearbeitungsgrad 1
Degré de façonnage 1
Grado di lavorazione 1

201



202



203



205



206



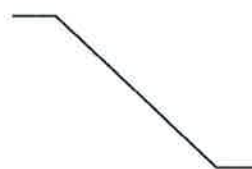
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208



209



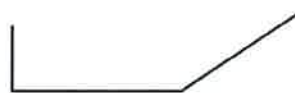
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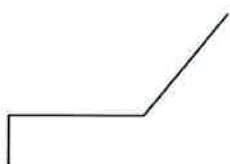
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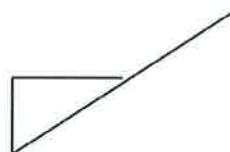
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213



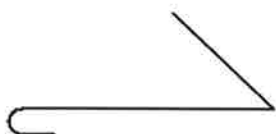
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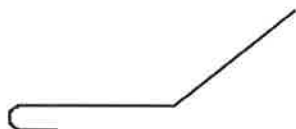
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218



219



221



Bearbeitungsgrad 2
Degré de façonnage 2
Grado di lavorazione 2

231



232



233

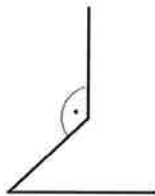


Bearbeitungsgrad S
Degré de façonnage S
Grado di lavorazione S

281



282 3D

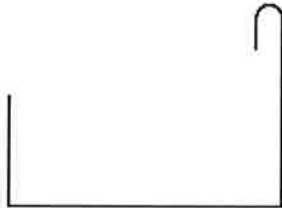


Bearbeitungsgrad 1
Degré de façonnage 1
Grado di lavorazione 1

301



302



303



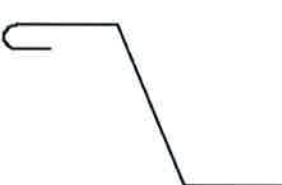
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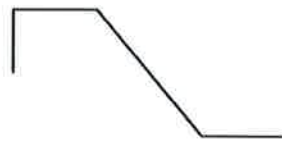


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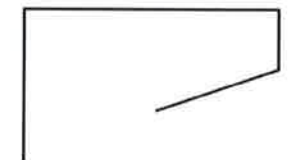
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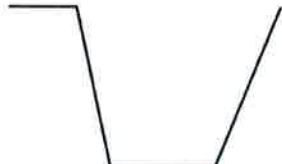
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310



308



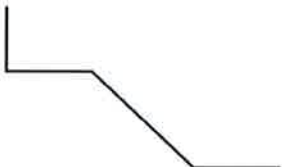
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313



311



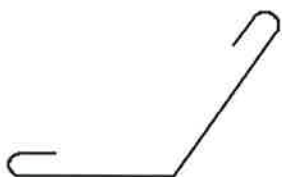
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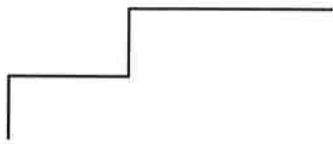


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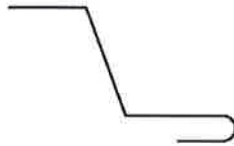


Bearbeitungsgrad 2
Degré de façonnage 2
Grado di lavorazione 2

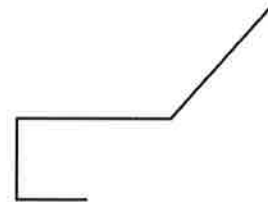
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332



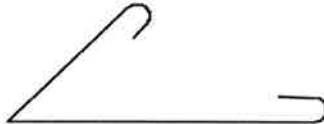
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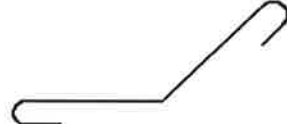
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336



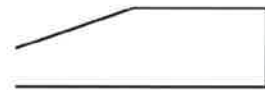
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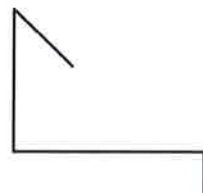
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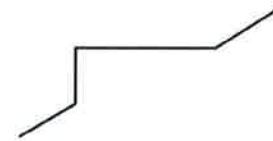
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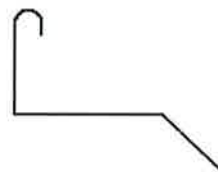
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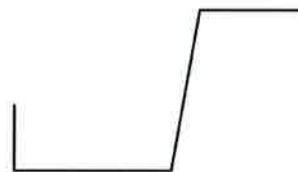
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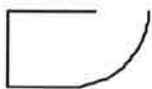


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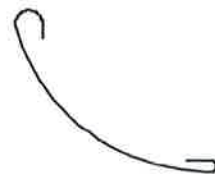


Bearbeitungsgrad S
Degré de façonnage S
Grado di lavorazione S

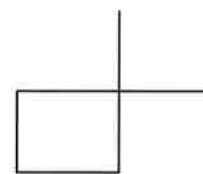
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382



383



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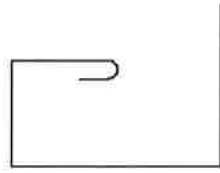


Bearbeitungsgrad 1
Degré de façonnage 1
Grado di lavorazione 1

401



402



403



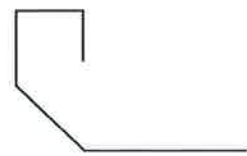
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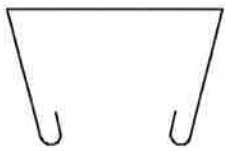
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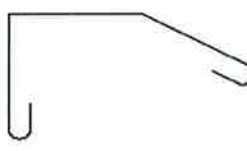
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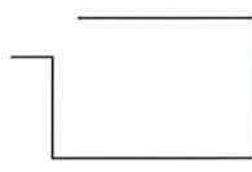


Bearbeitungsgrad 2
Degré de façonnage 2
Grado di lavorazione 2

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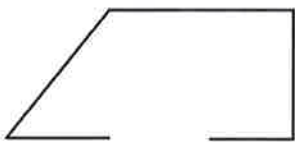
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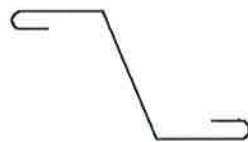
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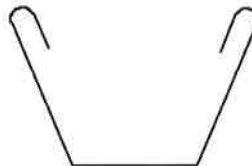
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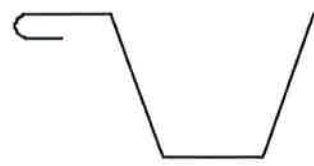
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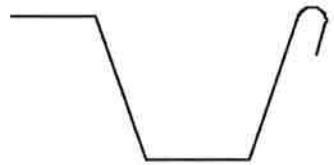
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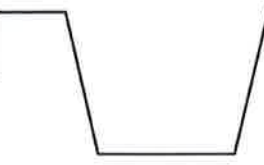
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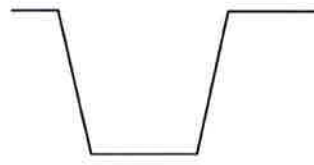
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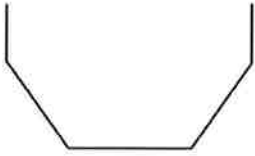
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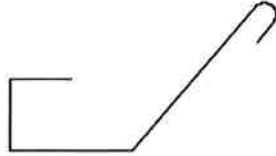
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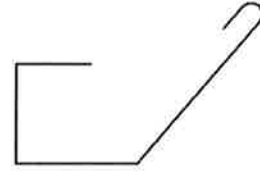
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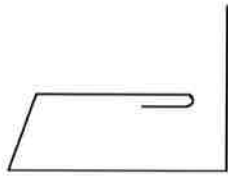
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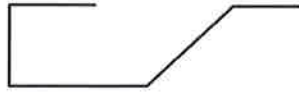
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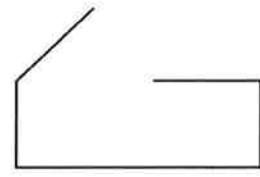
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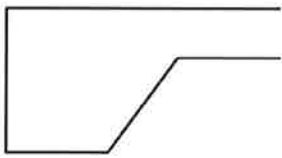
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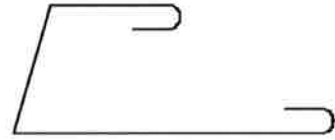
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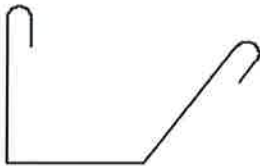
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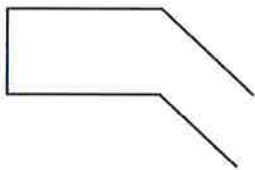
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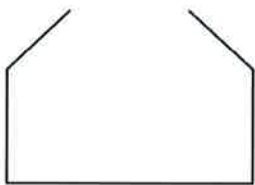
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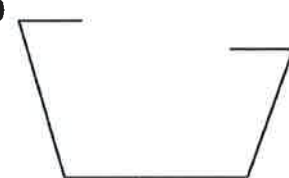
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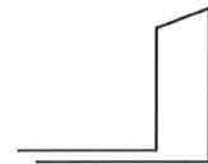
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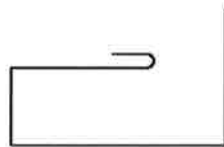
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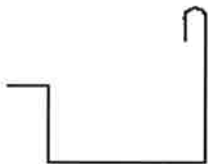
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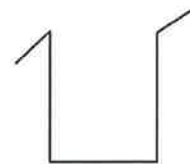
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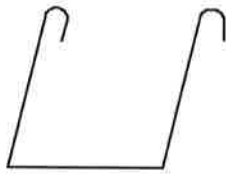
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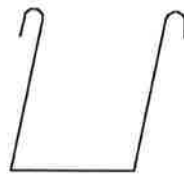
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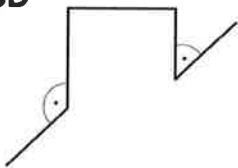


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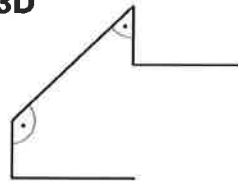


Bearbeitungsgrad S
Degré de façonnage S
Grado di lavorazione S

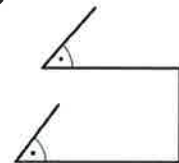
481 3D



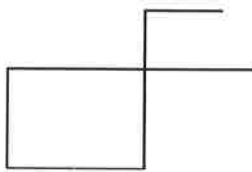
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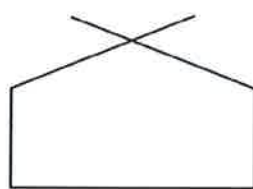
483 3D



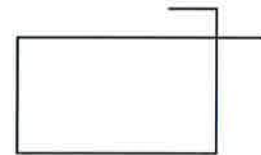
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485



486



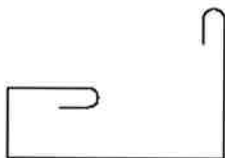
Bearbeitungsgrad 1
Degré de façonnage 1
Grado di lavorazione 1

501

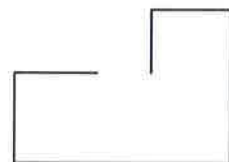


Bearbeitungsgrad 2
Degré de façonnage 2
Grado di lavorazione 2

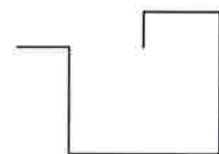
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532



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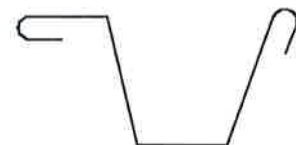
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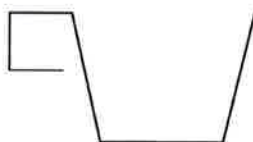
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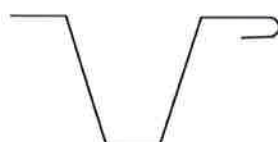
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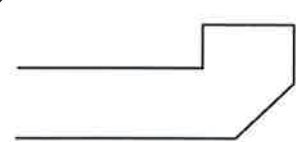
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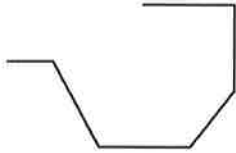
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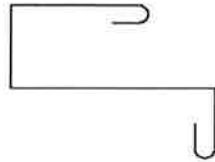
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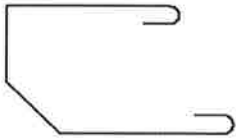
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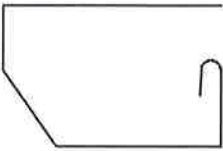
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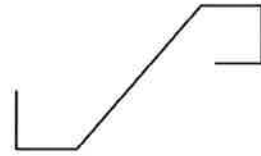
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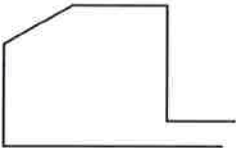
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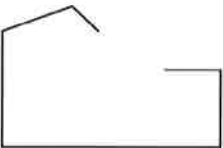
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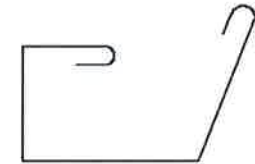
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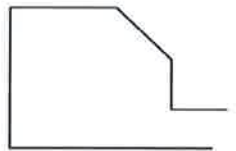
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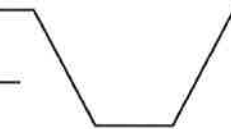
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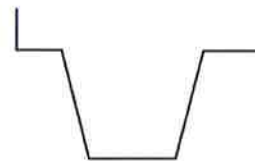
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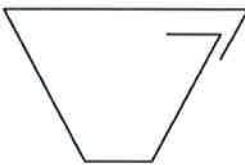
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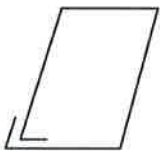
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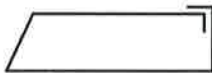
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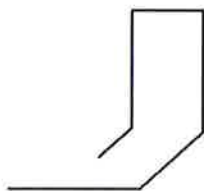
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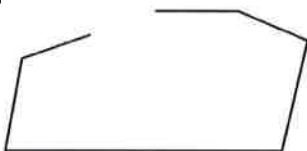
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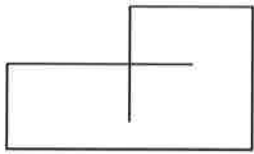


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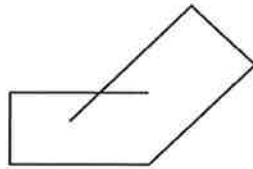


Bearbeitungsgrad S
 Degré de façonnage S
 Grado di lavorazione S

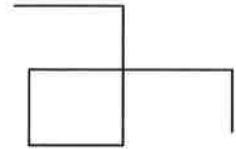
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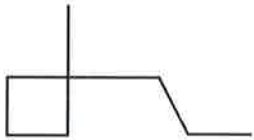
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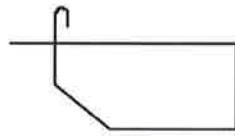
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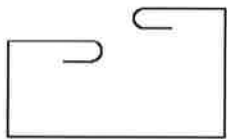


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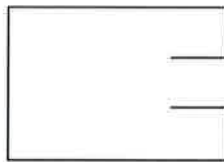


Bearbeitungsgrad S
 Degré de façonnage S
 Grado di lavorazione S

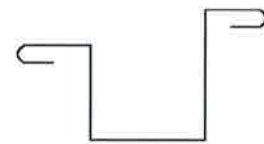
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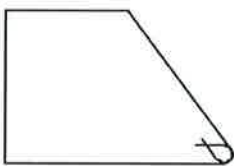
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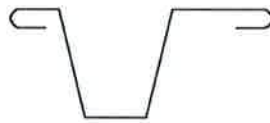
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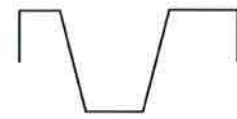
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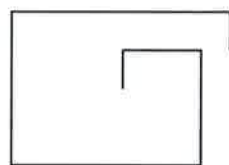
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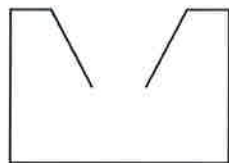
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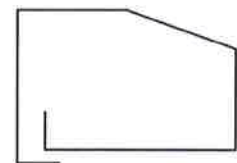
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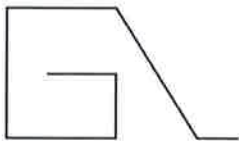
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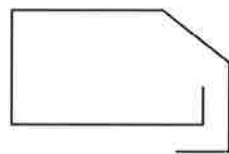
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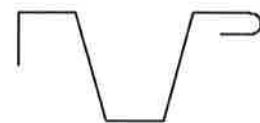
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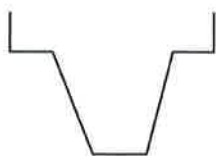
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