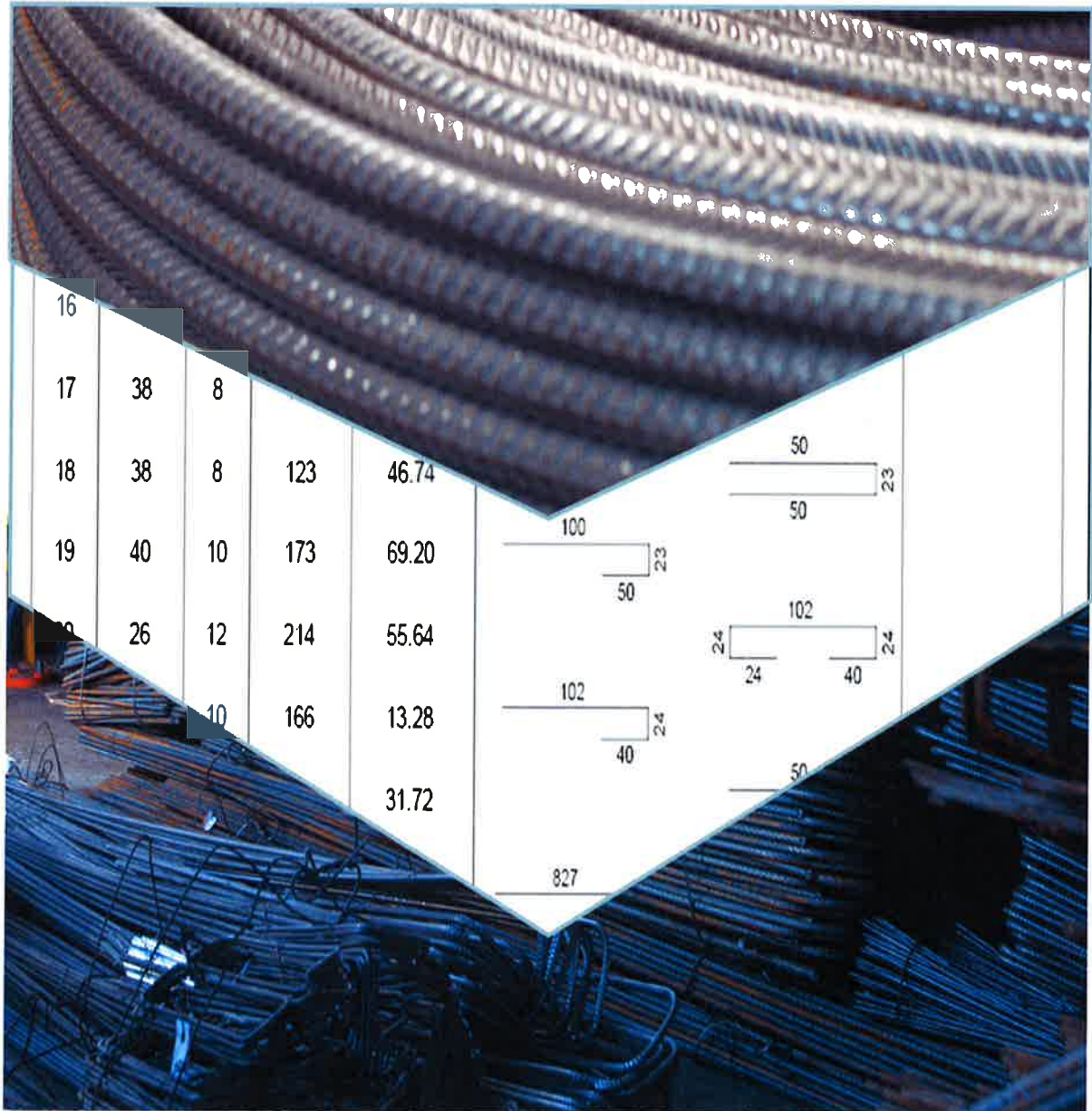




SSHV | ASCA

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

Liste des figures et directives pour le façonnage des fers à béton 2014



Directives et utilisation selon norme SIA

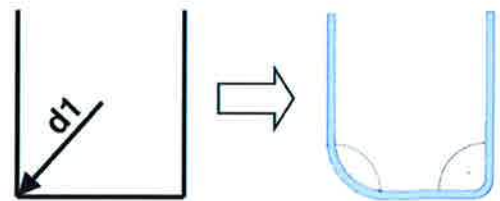
1. Les figures sont groupées en fonction du nombre de pliage. (par ex. numéro 331 = 3 pliages)



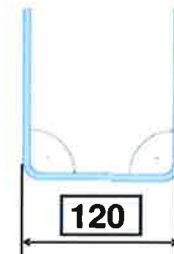
2. Dans le cadre des groupes, les figures sont classées par degré de façonnage. Les degrés de façonnage sont: degré de façonnage 1, degré de façonnage 2, degré de façonnage S.

3. Les figures qui ne sont pas représentées, tout comme les figures de forme 3D seront facturées en régie.

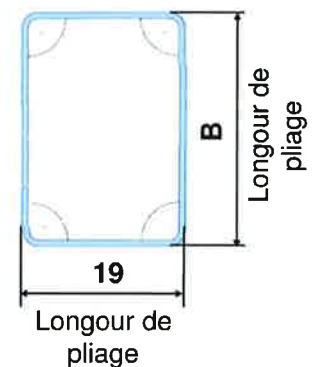
4. Les façonnages avec un galet de pliage $d1$ doivent être spécifiés expressément sur la liste de fer. Ces figures seront facturées selon le degré de façonnage S ou en régie.



5. Les dimensions qui diffèrent de la tolérance SIA, doivent être mentionnées spécialement sur la liste de fer par un encadrement rectangulaire de la cote par l'ingénieur (par ex. 796). Ces figures seront facturées selon le degré de façonnage S ou en régie.

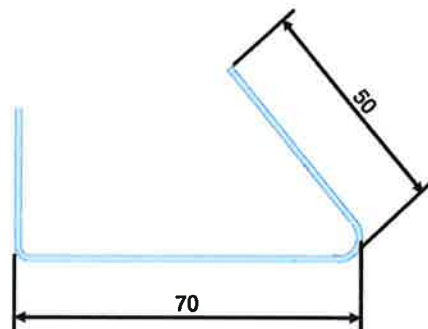


6. Si les étriers fermés ont une dimension de pliage inférieure à 21cm, ils seront facturés selon le degré de façonnage S.

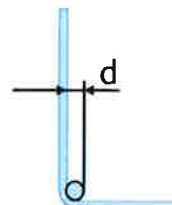


Directives et utilisation selon norme SIA

7. Les longueurs indiquées dans la liste de fer sont les dimensions extérieures en cm.

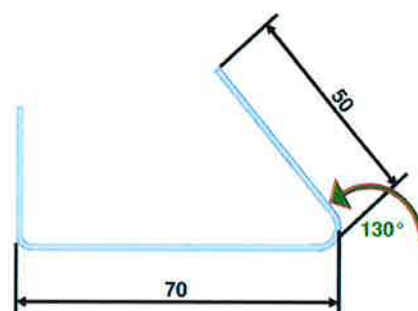


8. Le mandrin ou le galet de pliage (d) en mm est la dimension intérieure.



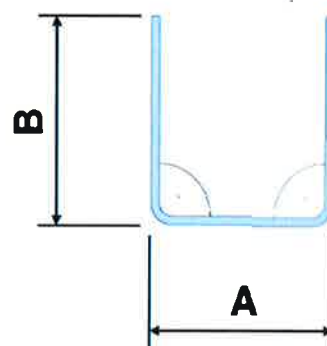
9. Le diamètre du fer à béton est toujours indiqué en mm

10. L'atelier de façonnage a absolument besoin d'une cote de longueur et d'un angle de pliage en degré (360°).



11. Les fers à béton coupés ou piliés jusqu'au diamètre 16mm sont pour raison technique produits et livrés en nombre pair et facturés ainsi.

12. Pour des raisons de technique de production, les longueurs de branches du début et du milieu ne peuvent pas être inférieures.



	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. Utiliser la grandeur de police 12 pour le dimensionnement.

14. Les sur-longueurs (> 14 m.) et sur-largeurs (> 2.5 m) seront facturées en régie.

**FIGURENLISTE
LISTE DES FIGURES
LISTA DELLE FIGURE**

Fix
Fixe
Fisso

1



Bearbeitungsgrad 1
Degré de façonnage 1
Grado di lavorazione 1

101



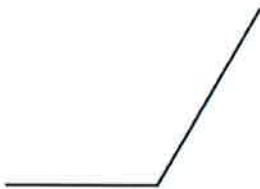
102



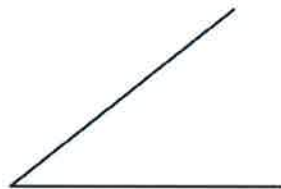
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104

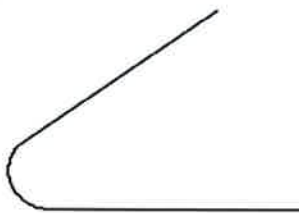


105



Bearbeitungsgrad S
Degré de façonnage S
Grado di lavorazione S

181



182



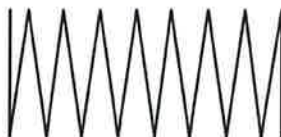
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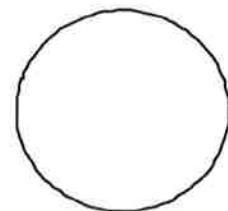
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185



186



Bearbeitungsgrad 1
Degré de façonnage 1
Grado di lavorazione 1

201



202



203



205



206



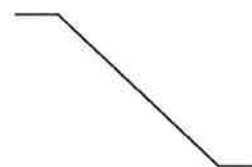
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208



209



210



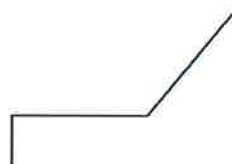
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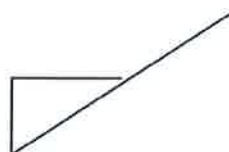
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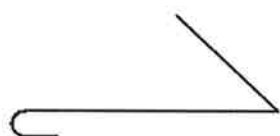
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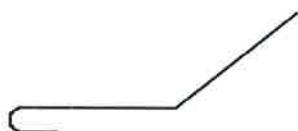
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218



219



221



Bearbeitungsgrad 2
Degré de façonnage 2
Grado di lavorazione 2

231



232

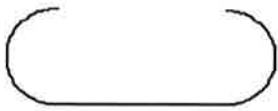


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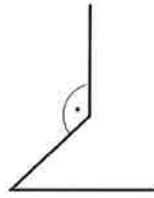


Bearbeitungsgrad S
Degré de façonnage S
Grado di lavorazione S

281



282 3D



Bearbeitungsgrad 1
Degré de façonnage 1
Grado di lavorazione 1

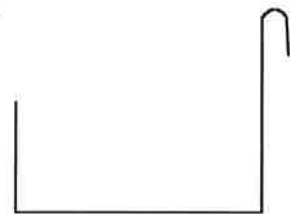
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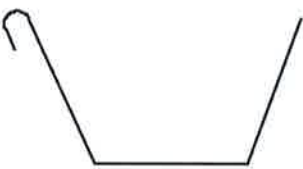
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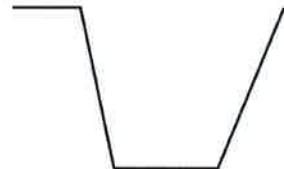
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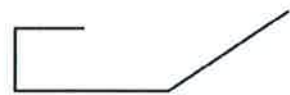
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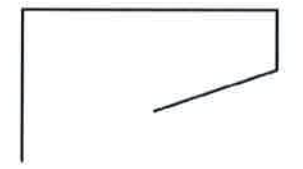
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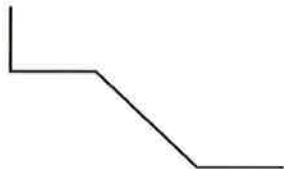
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311



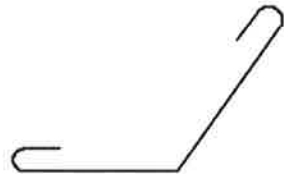
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314

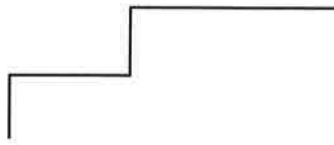


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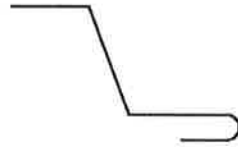


Bearbeitungsgrad 2
Degré de façonnage 2
Grado di lavorazione 2

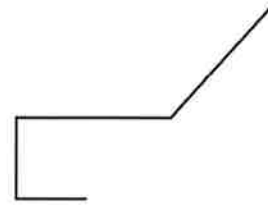
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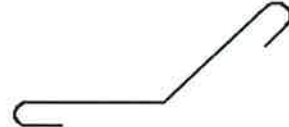
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335



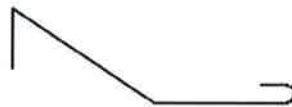
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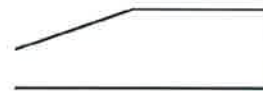
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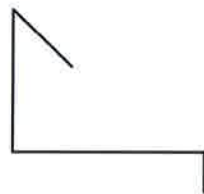
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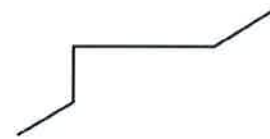
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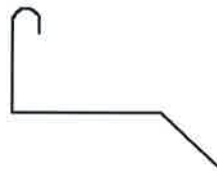
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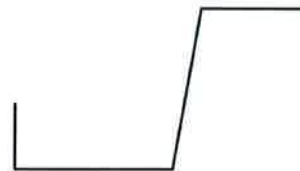
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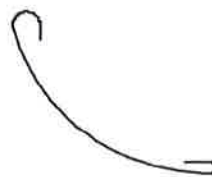


Bearbeitungsgrad S
Degré de façonnage S
Grado di lavorazione S

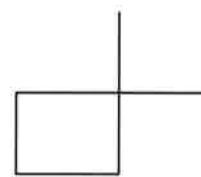
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383

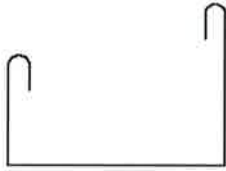


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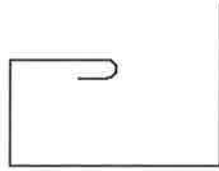


Bearbeitungsgrad 1
 Degré de façonnage 1
 Grado di lavorazione 1

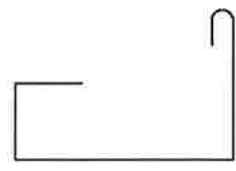
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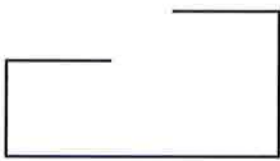
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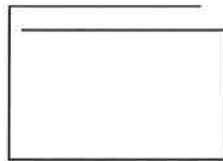
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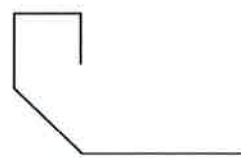
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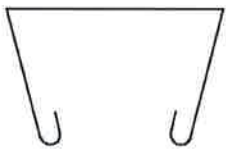
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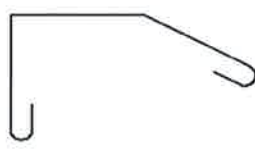
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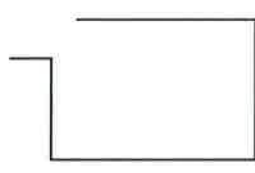


Bearbeitungsgrad 2
 Degré de façonnage 2
 Grado di lavorazione 2

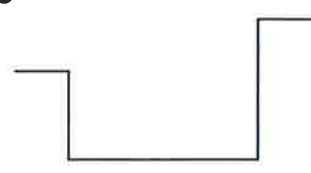
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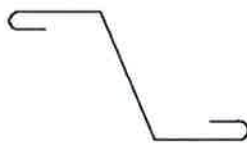
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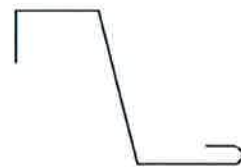
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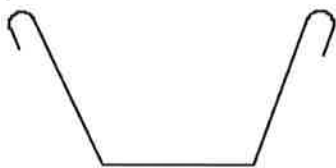
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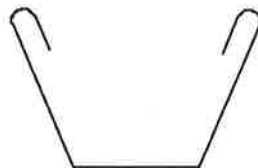
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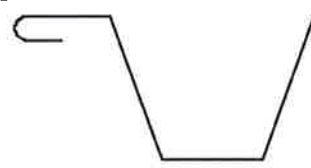
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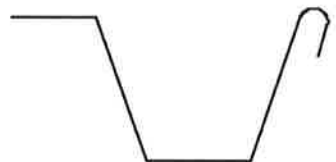
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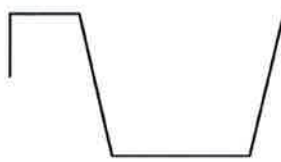
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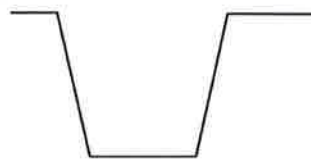
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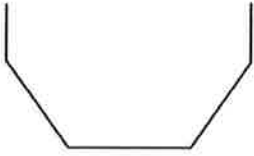
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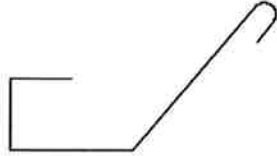
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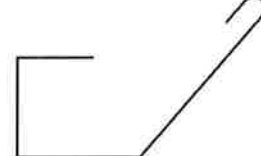
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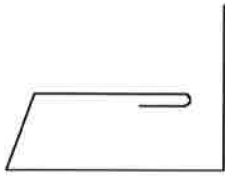
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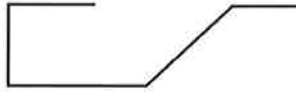
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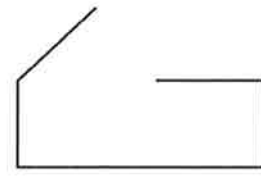
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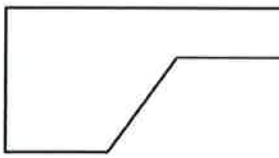
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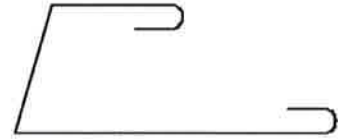
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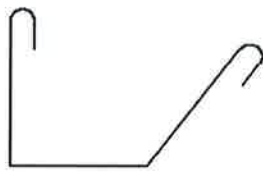
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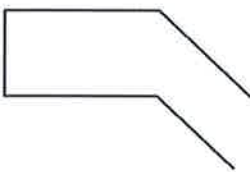
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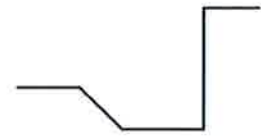
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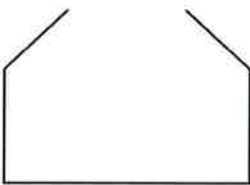
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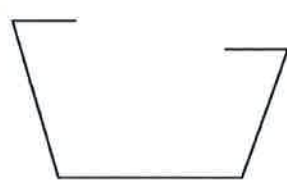
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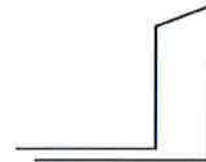
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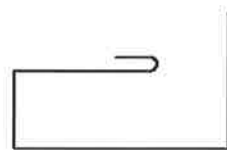
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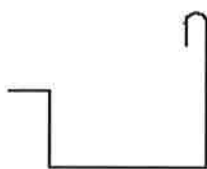
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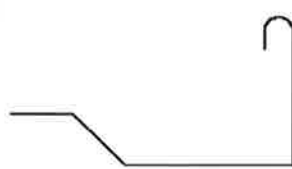
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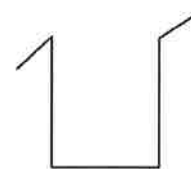
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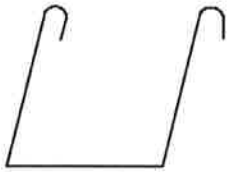
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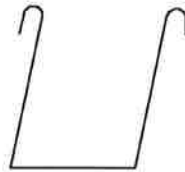
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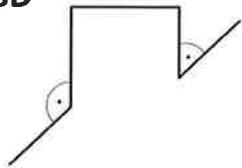


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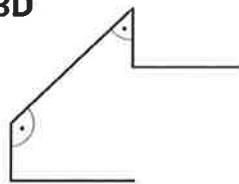


Bearbeitungsgrad S
Degré de façonnage S
Grado di lavorazione S

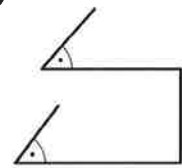
481 3D



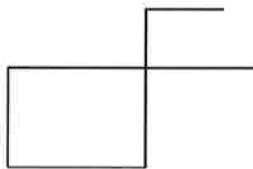
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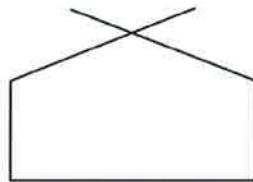
483 3D



484



485



486



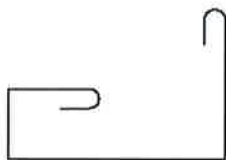
Bearbeitungsgrad 1
Degré de façonnage 1
Grado di lavorazione 1

501

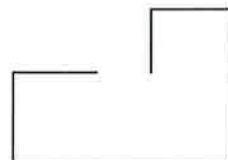


Bearbeitungsgrad 2
Degré de façonnage 2
Grado di lavorazione 2

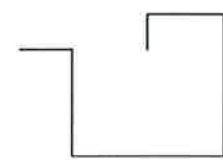
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532



533



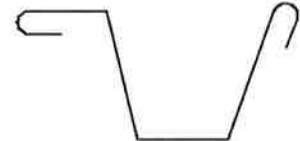
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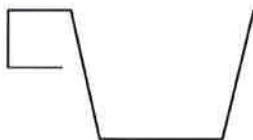
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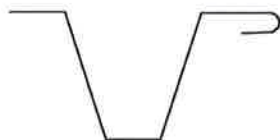
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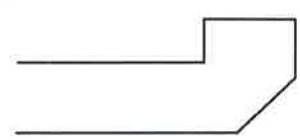
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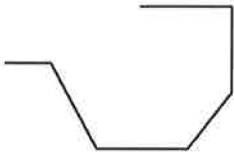
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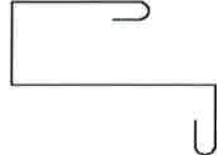
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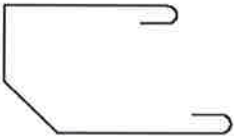
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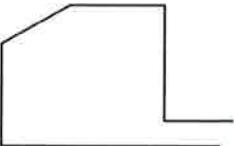
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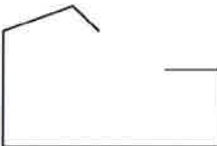
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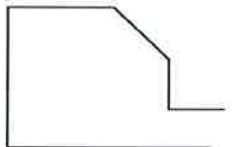
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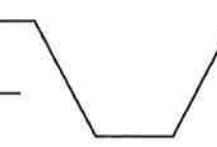
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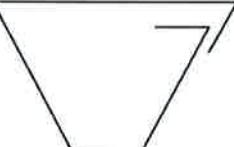
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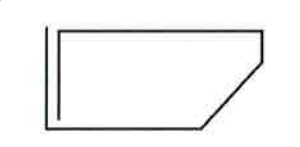
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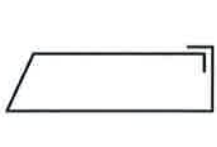
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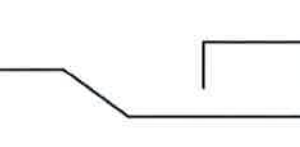
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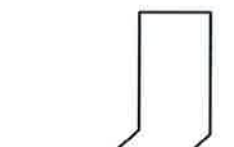
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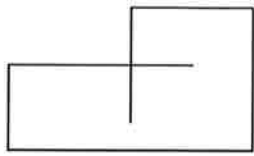


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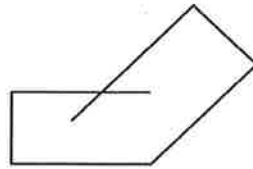


Bearbeitungsgrad S
Degré de façonnage S
Grado di lavorazione S

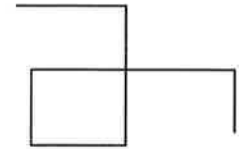
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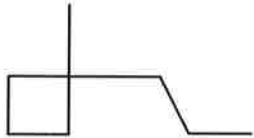
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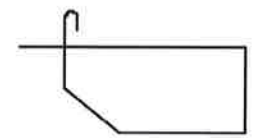
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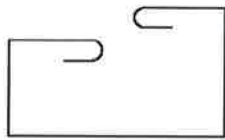


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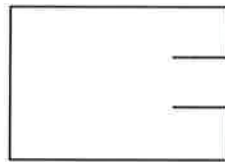


Bearbeitungsgrad S
Degré de façonnage S
Grado di lavorazione S

631



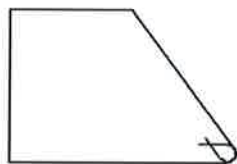
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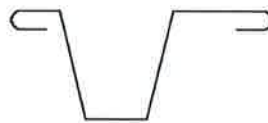
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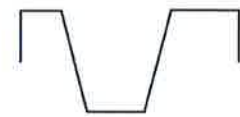
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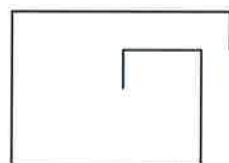
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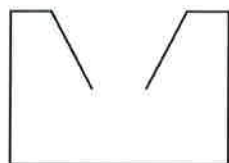
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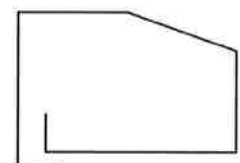
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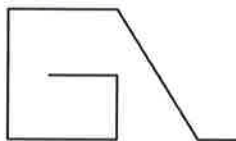
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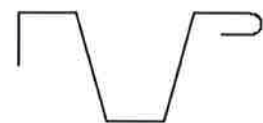
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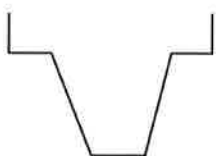
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