

# FERRO BATTUTO SCHMIEDEEISEN FER FORGÉ



02/2024

FERRO BATTUTO - SCHMIEDEEISEN - FER FORGÉ

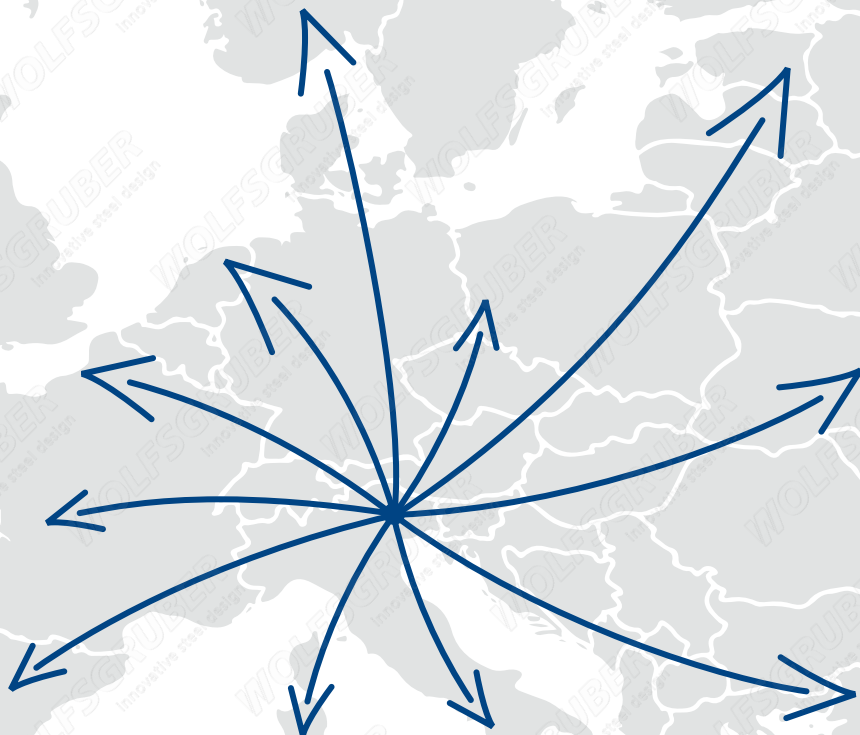
**WOLFSGRUBER**  
innovative steel design

# **WOLFSGRUBER**

innovative steel design

## **CHI È WOLFSGRUBER**

La filosofia della ditta Wolfsgruber è di riconoscere e comprendere le esigenze del cliente sviluppando, dai suoi suggerimenti, prodotti nuovi unici nelle loro funzioni e forme. Tanti sono i riconoscimenti ricevuti nel tempo da una sempre più numerosa clientela che apprezza un partner così flessibile, creativo e affidabile.





# ÜBER WOLFSGRUBER

Die Bedürfnisse des Kunden zu erkennen und zu verstehen, aus diesen Vorgaben innovative Produkte zu entwickeln, die in ihrer Form und Funktion einzigartig sind und somit einen hohen Wiedererkennungswert und Gebrauchswert erhalten, das ist die Philosophie von Wolfsgruber.

## QUI SOMMES NOUS?

La philosophie de la société Wolfsgruber est de savoir identifier les besoins du client et développer à partir de ses suggestions des produits nouveaux dans leur fonction et leur forme. Flexibilité, créativité et fiabilité sont les qualités qui ont été largement reconnues par une clientèle toujours plus nombreuse.

### WOLFSGRUBER ITALIA

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Tel. +41 4455 10015  
Fax +41 4455 10016  
[info@wolfsgruber.ch](mailto:info@wolfsgruber.ch)

progettiamo e realizziamo le vostre idee  
wir realisieren und planen Ihre Ideen  
we plan and realise your ideas



service

TORNITURA E FRESATURA  
SPANABEBENDE BEARBEITUNG  
CHIP FORMING MACHINING

TAGLIO LASER  
LASERBEARBEITUNG  
LASER MACHINING

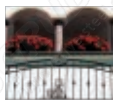
SATINATURA E LUCIDATURA  
SCHLEIFEN UND POLIEREN  
GRAINDING AND POLISHING



MONTANTI A MISURA  
GELÄNDERPFOSTEN AUF MASS  
BALUSTER CUSTOM MADE

SERVIZIO DI PIEGATURA  
BIEGESERVICE  
BENDING SERVICE

PROGETTAZIONE  
PROJEKTIERUNG  
ELABORATION



IT | Esempi d'impiego ferro battuto  
 DE | Anwendungsbeispiele Schmiedeeisen  
 EN | Examples of application wrought iron  
 FR | Exemples d'applications en fer forgé  
 CZ | Příklady použití kovaných komponentů  
 PL | Przykłady zastosowania kutego zelaza



IT | Lavorazione moderna  
 DE | Moderne Metallgestaltung  
 EN | Modern metal moulding  
 FR | La conception moderne métal  
 CZ | Moderní kovový design  
 pl | Nowoczesna konstrukcja metalowa



IT | Paletti  
 DE | Stäbe  
 EN | Rods  
 FR | Balustres  
 CZ | Tyče  
 PL | Pręty



IT | Barre lavorate  
 DE | Stangenmaterial  
 EN | Bar stock  
 FR | Barres  
 CZ | Profily  
 PL | Material prętowy



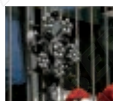
IT | Elementi ornamentali  
 DE | Zierelemente  
 EN | Ornamental elements  
 FR | Éléments décoratifs  
 CZ | Dekorativní prvky  
 PL | Elementy ozdobne



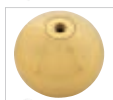
IT | Particolari decorativi  
 DE | Kleinteile  
 EN | Small objects  
 FR | Accessoires  
 CZ | Male komponenty  
 PL | Male części



IT | Serramenti  
 DE | Beschläge  
 EN | Mountings  
 FR | Serrurerie  
 CZ | Kování  
 PL | Obicia



IT | Prodotti finiti  
 DE | Fertigware  
 EN | Finished product  
 FR | Produits finis  
 CZ | Hotové výrobky  
 PL | Wyroby gotowe



IT | Ottone  
 DE | Messing  
 EN | Brass  
 FR | Laiton  
 CZ | Mosaz  
 PL | Mosiądz























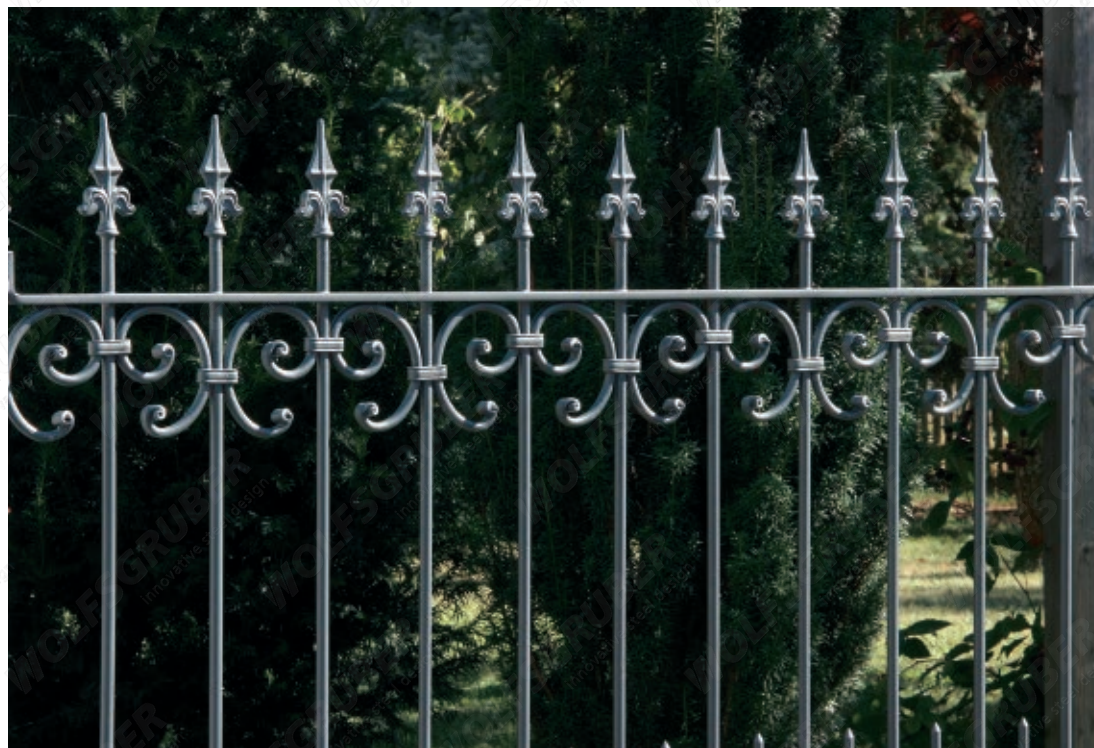




















































































































































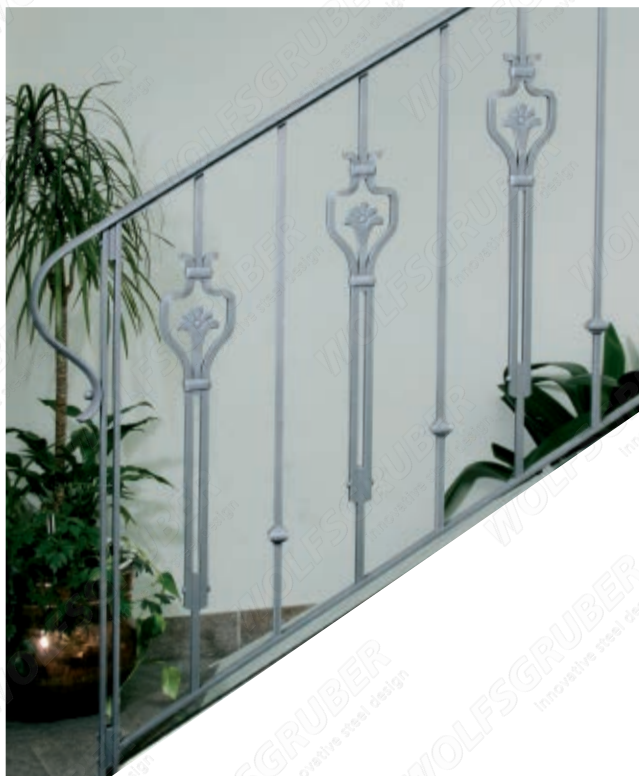




















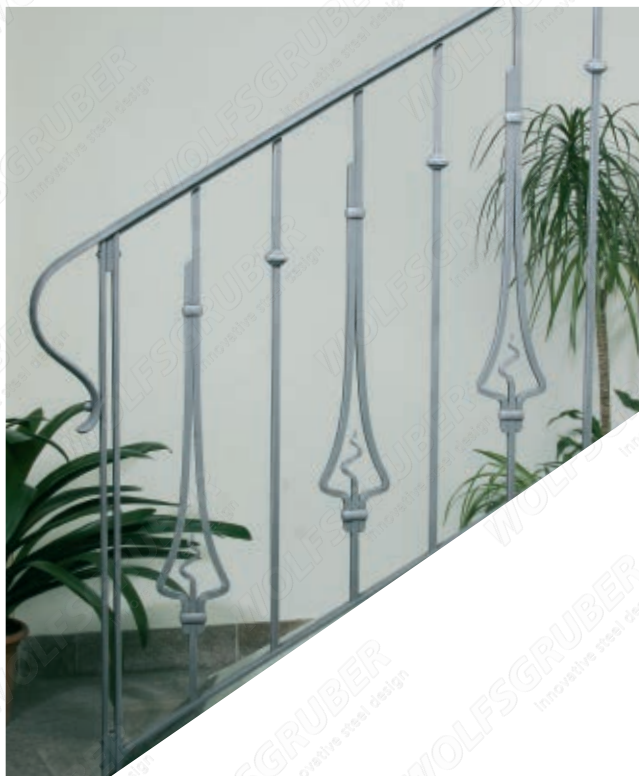
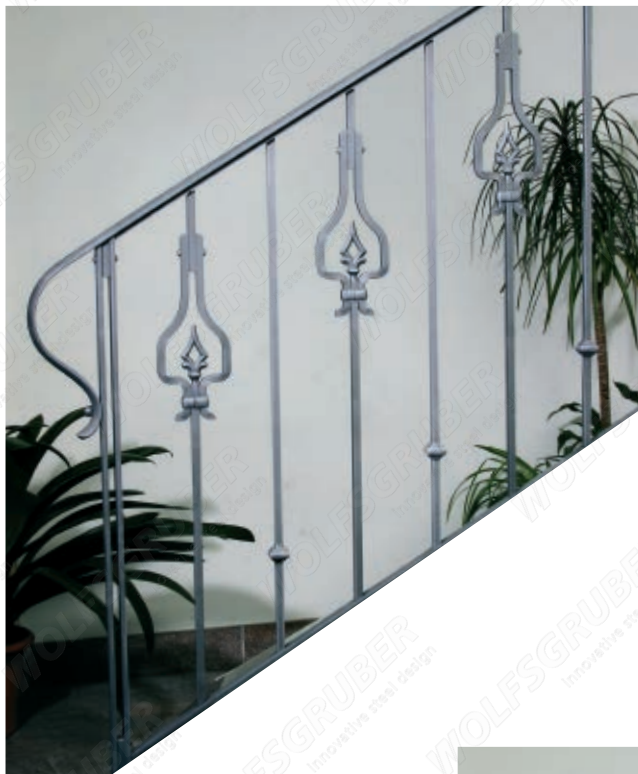












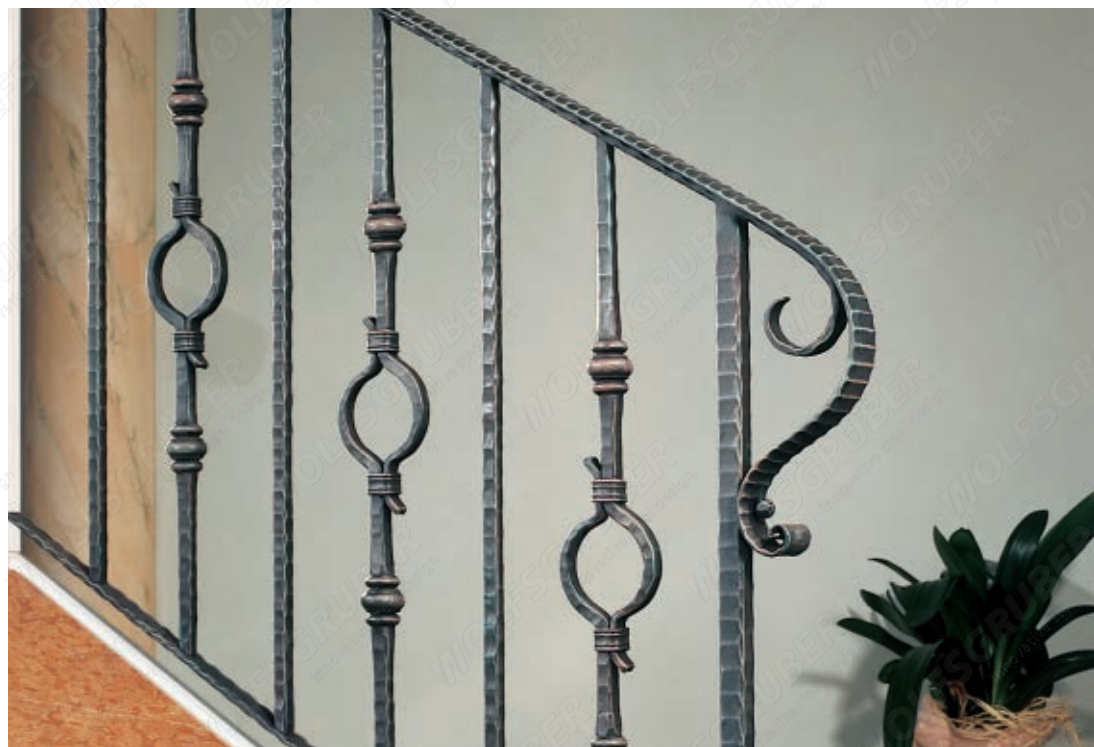






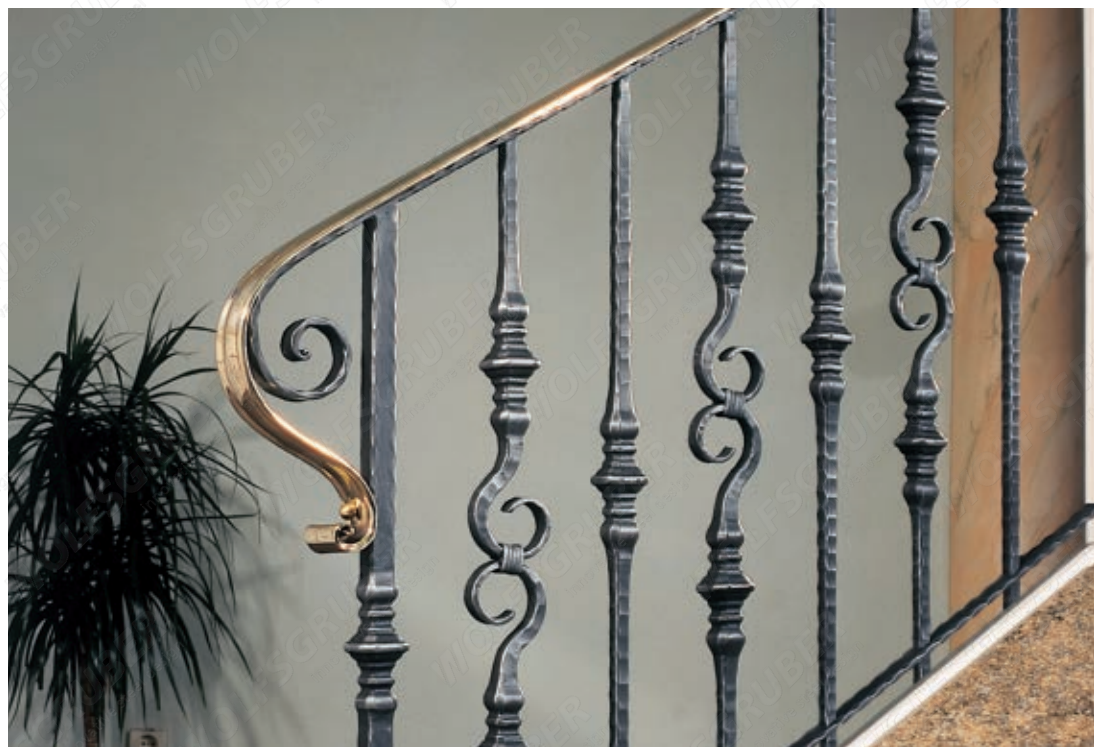




















































































## SERIE TRENTA

LAVORAZIONE MODERNA

MODERNE METALLGESTALTUNG

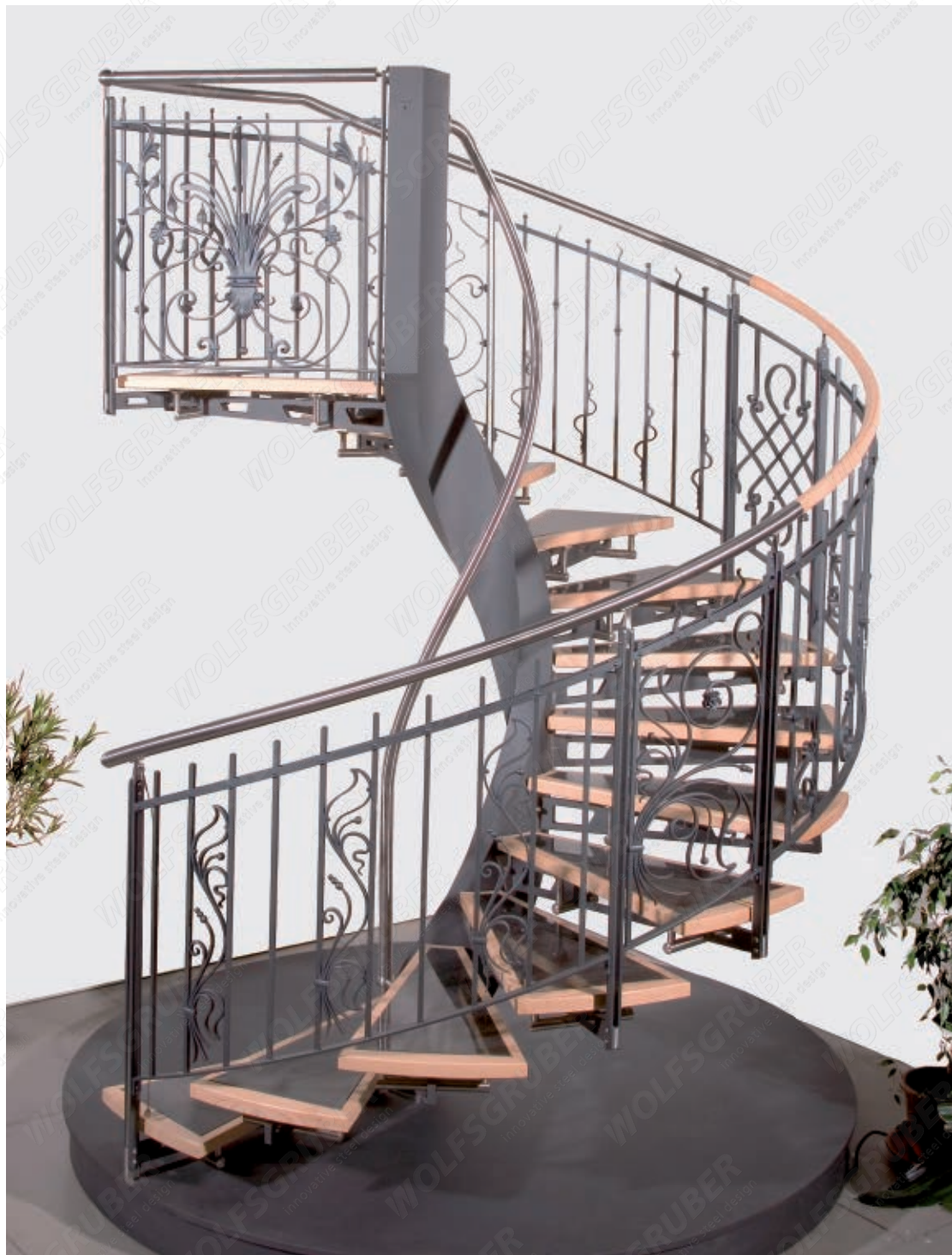
MODERN METAL MOULDING

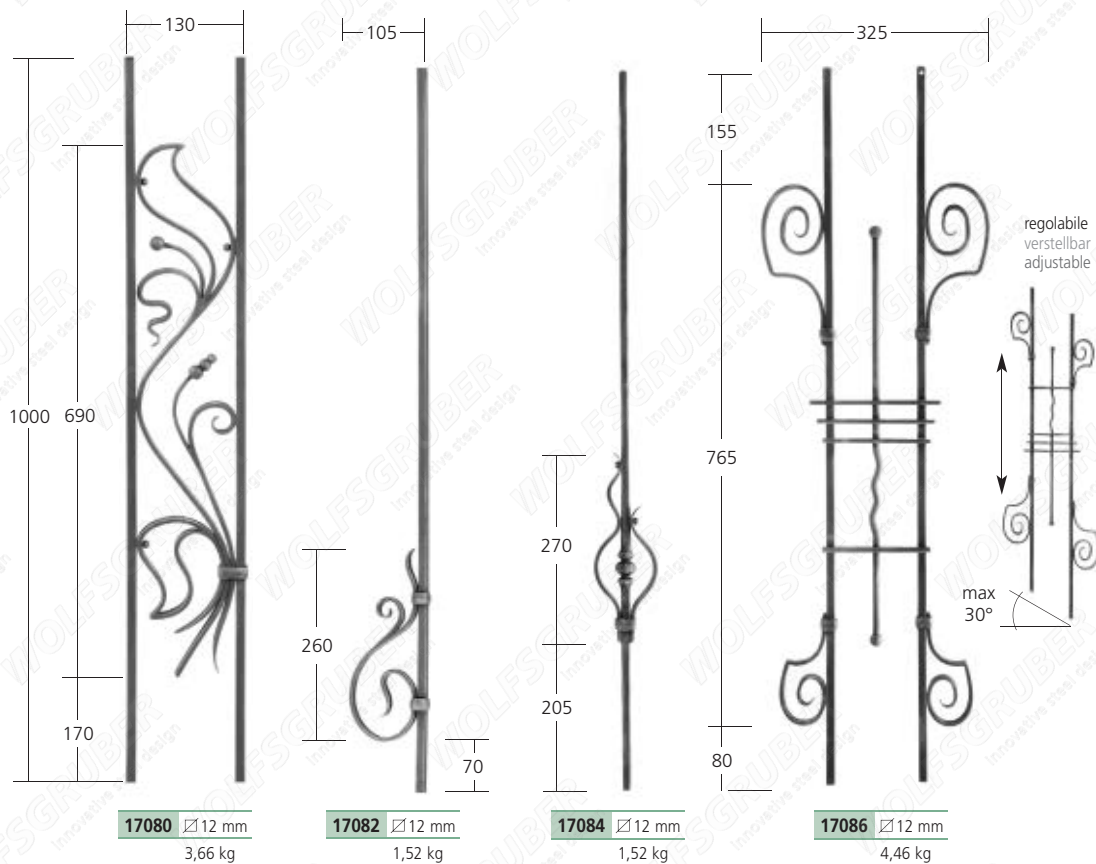


**WOLFSGRUBER**  
innovative steel design

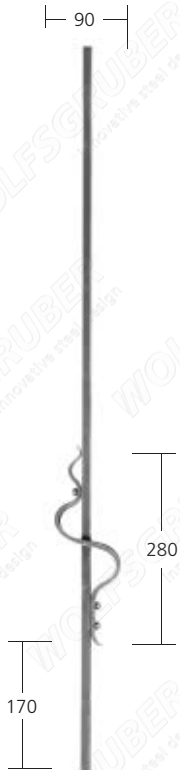












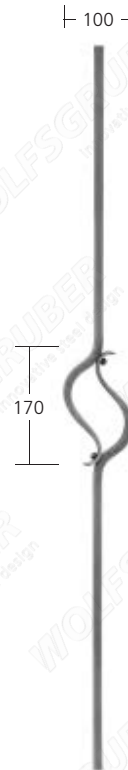
**17090** ∅12 mm  
1,38 kg



**17092** ∅12 mm  
1,20 kg



**17094** ∅12 mm  
1,1 kg

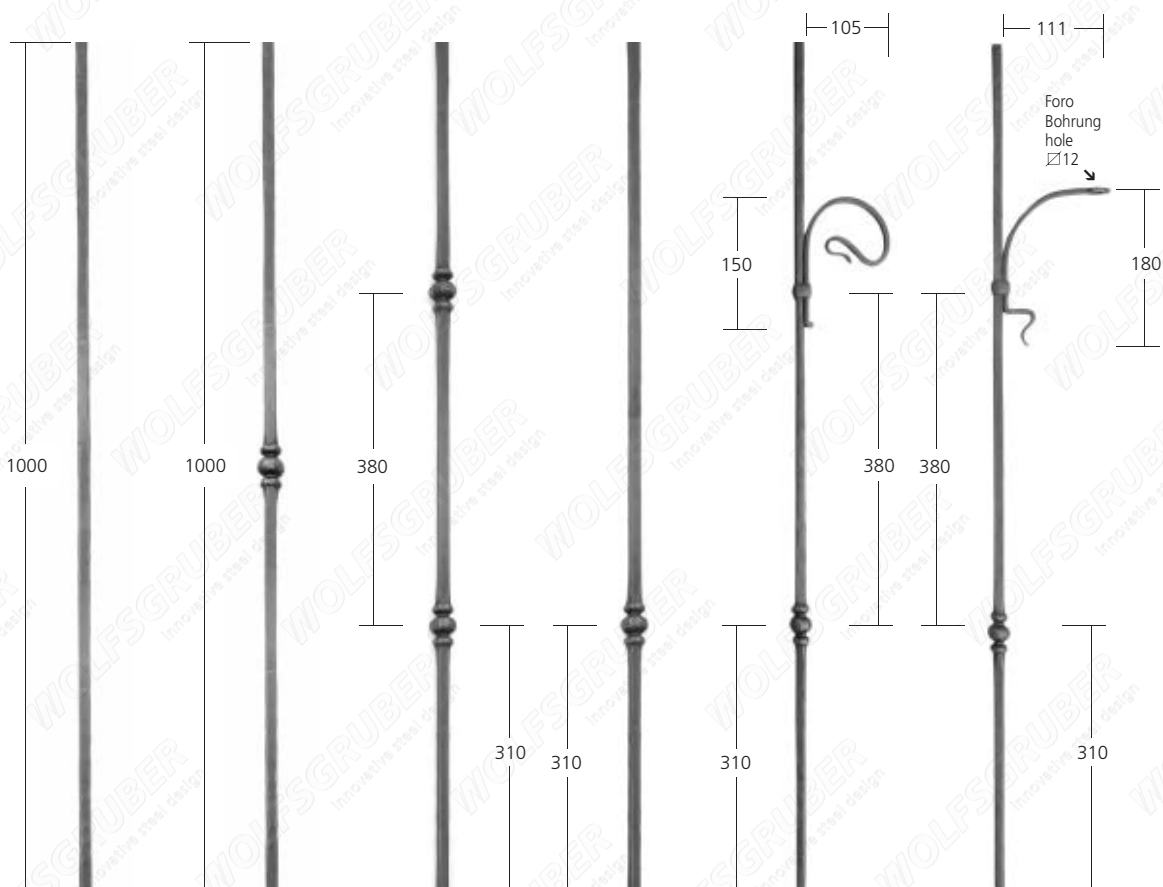


**17096** ∅12 mm  
1,4 kg



**17098** ∅12 mm  
1,5 kg





**12464**  $\varnothing 12$  mm  
1,00 kg

**12465**  $\varnothing 12$  mm  
1,10 kg

**12466**  $\varnothing 12$  mm  
1,18 kg

**12467**  $\varnothing 12$  mm  
1,10 kg

**12468**  $\varnothing 12$  mm  
1,28 kg

**12469**  $\varnothing 12$  mm  
1,25 kg

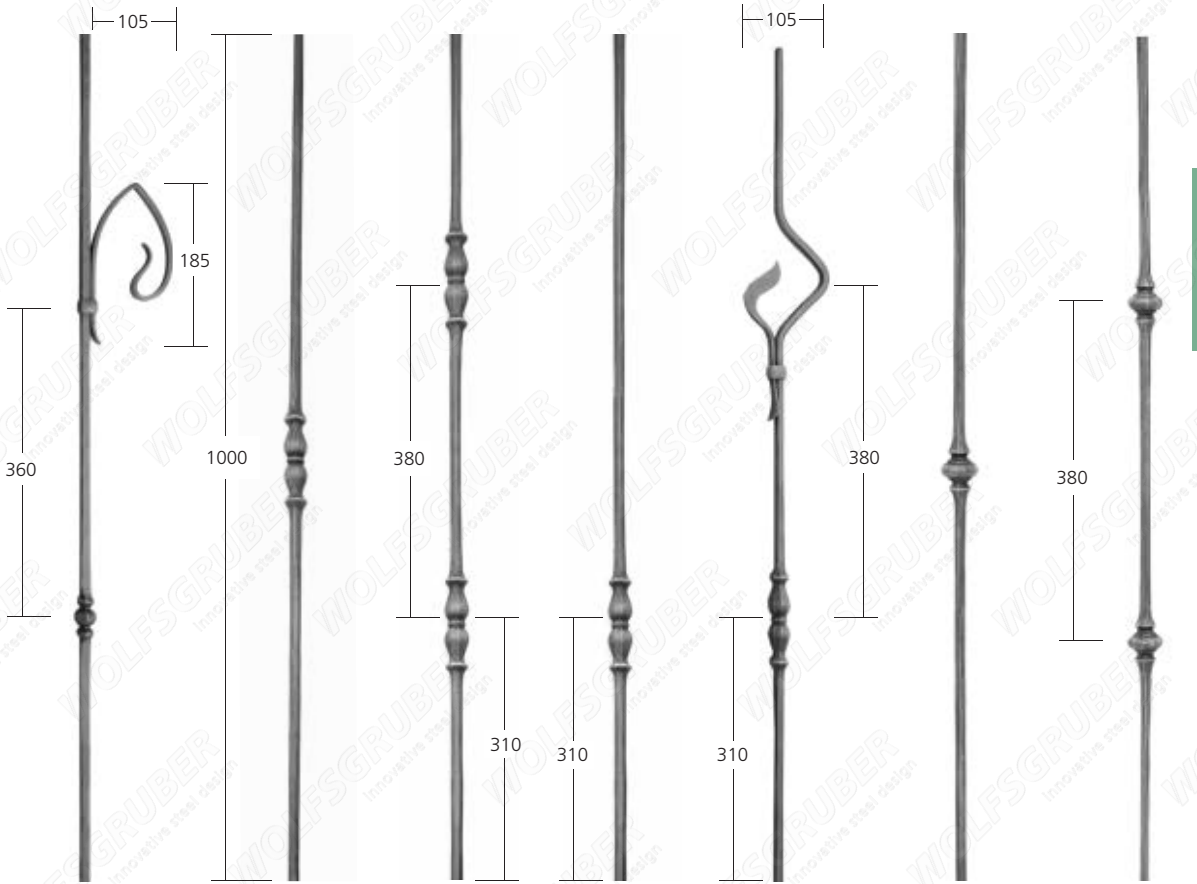






forgiato a mano · handgeschmiedet · hand forged

Trenta



**12470**  $\nabla$ 12 mm  
1,32 kg

**12472**  $\varnothing$  12 mm  
1,05 kg

**12473**  $\varnothing$  12 mm  
1,25 kg

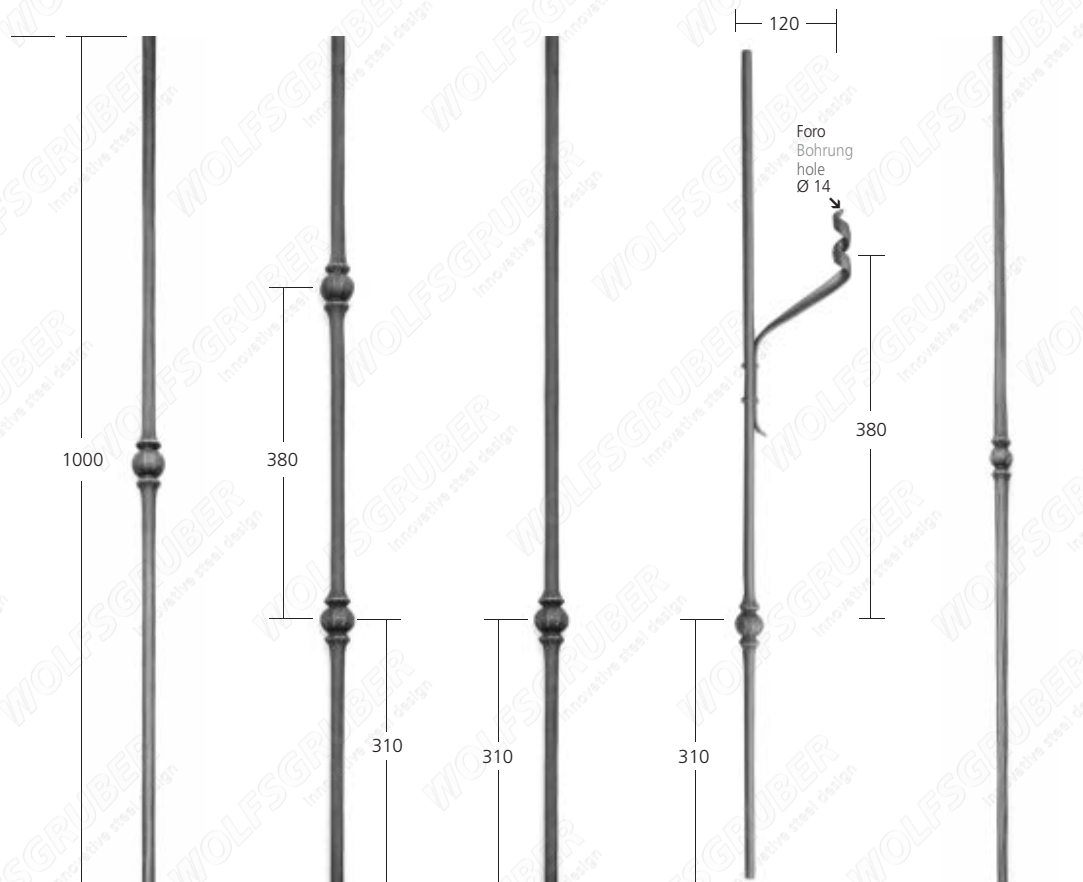
**12471**  $\varnothing$  12 mm  
1,05 kg

**12476**  $\varnothing$  12 mm  
1,1 kg

**12457**  $\varnothing$  12 mm  
1,00 kg

**12458**  $\varnothing$  12 mm  
1,17 kg





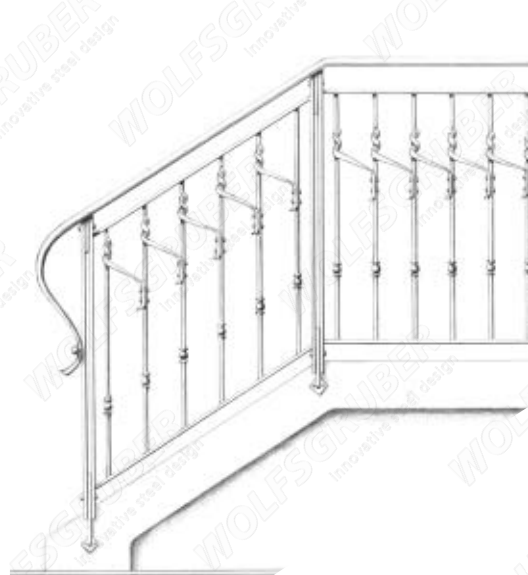
**12477** Ø 14 mm  
1,33 kg

**12478** Ø 14 mm  
1,72 kg

**12479** Ø 14 mm  
1,33 kg

**12486** Ø 14 mm  
1,46 kg

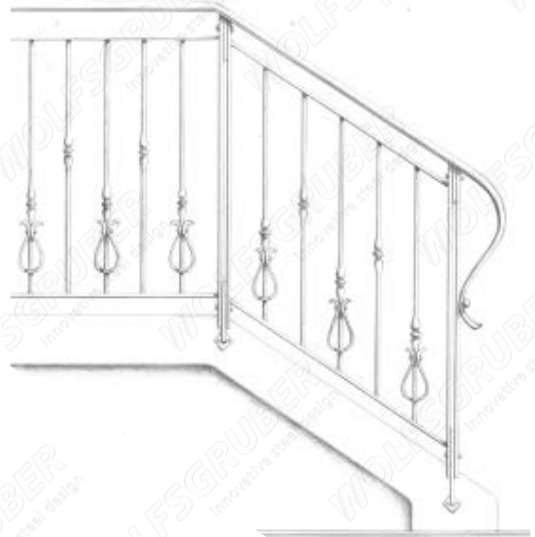
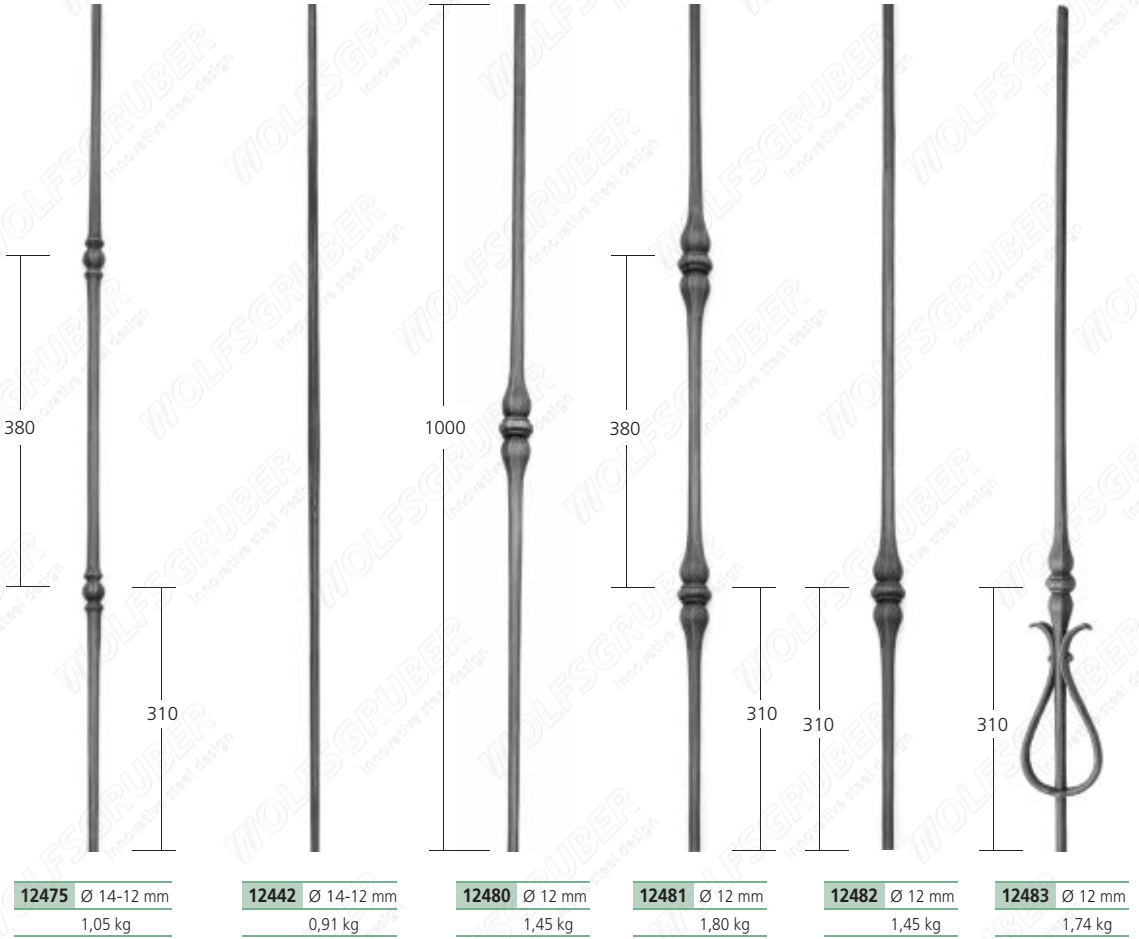
**12474** Ø 14-12 mm  
0,98 kg





forgiato a mano · handgeschmiedet · hand forged

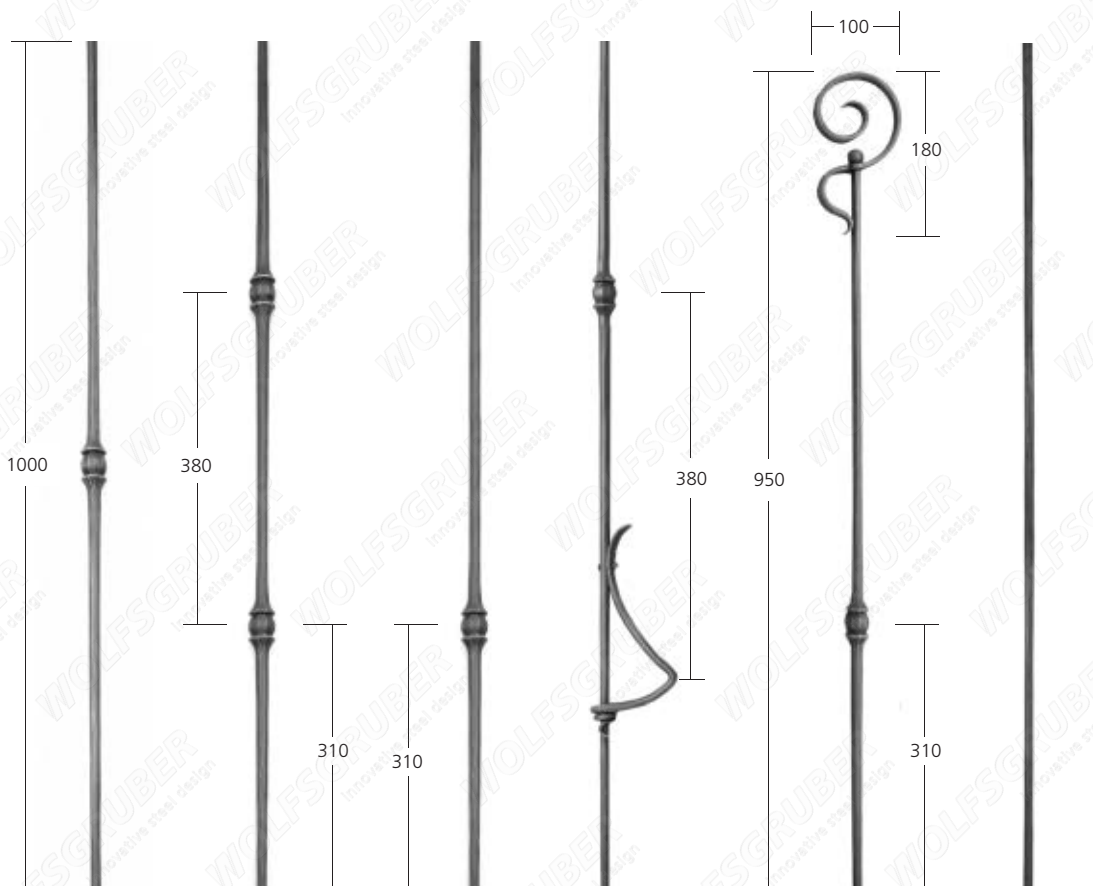
Trenta





Trenta

forgiato a mano · handgeschmiedet · hand forged



**12450** Ø 12 mm  
0,98 kg

**12451** Ø 12 mm  
1,15 kg

**12452** Ø 12 mm  
0,98 kg

**12455** Ø 12 mm  
1,18 kg

**12456** Ø 12 mm  
1,98 kg

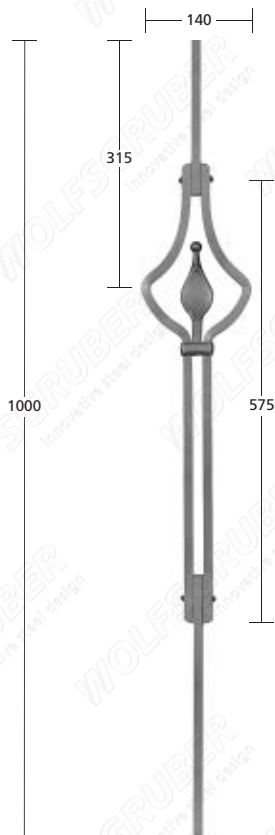
**12440** Ø 12 mm  
0,84 kg



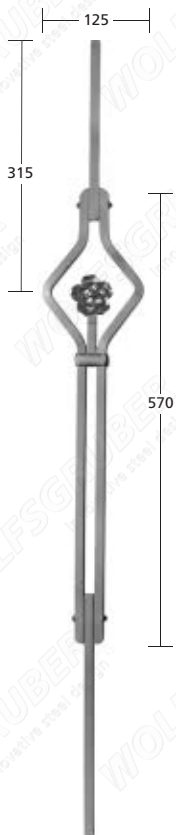




Trenta



17110  $\varnothing 12$  mm



17112  $\varnothing 12$  mm



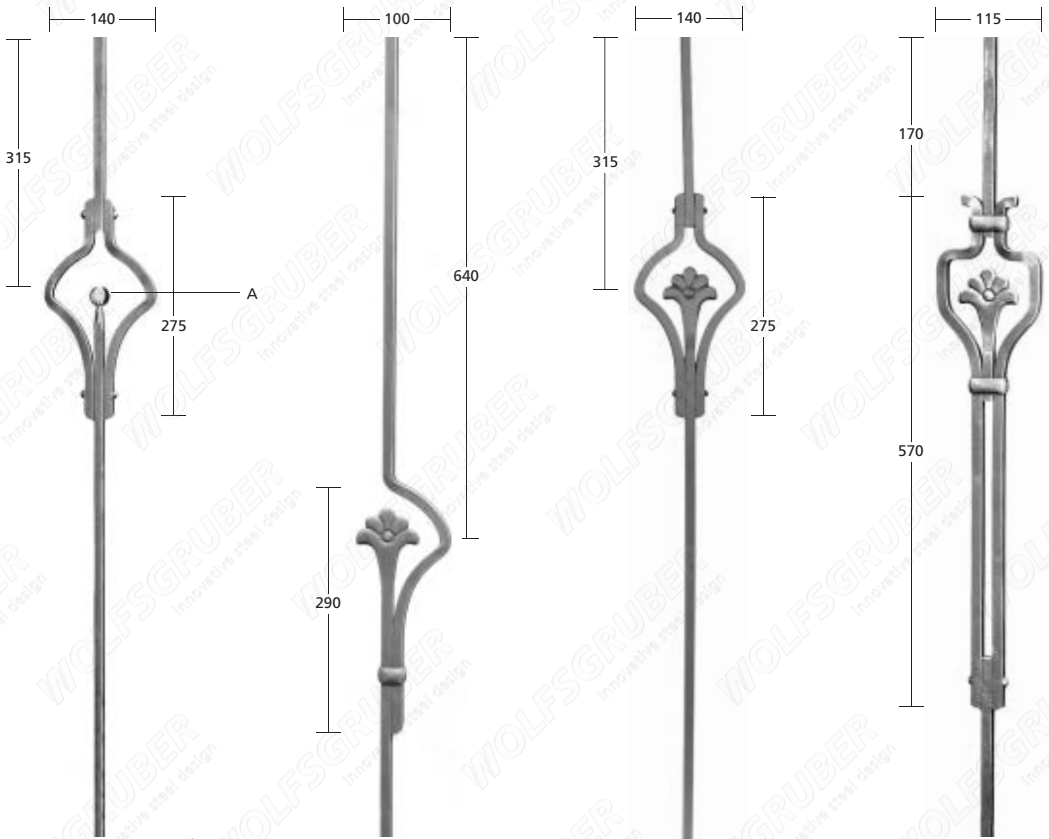
17114  $\varnothing 12$  mm



17116  $\varnothing 12$  mm







**17117**  $\varnothing 12$  mm  
**17117-I**

A  
Ferro - Stahl  
Inox - Edelstahl

**17119**  $\varnothing 12$  mm

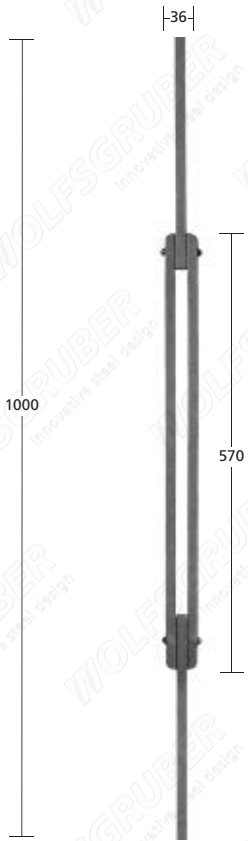
**17120**  $\varnothing 12$  mm

**17121**  $\varnothing 12$  mm





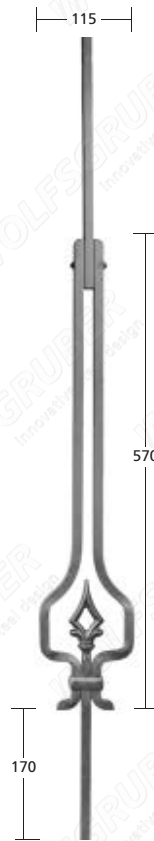
Trenta



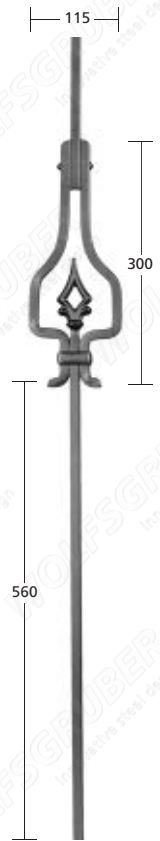
17142  $\varnothing 12$  mm



17122  $\varnothing 12$  mm



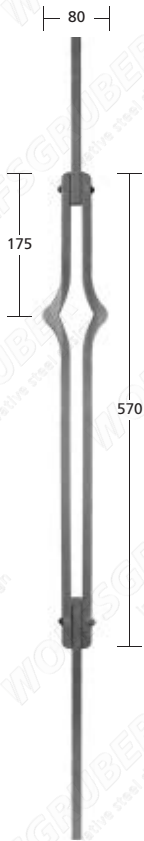
17144  $\varnothing 12$  mm



17146  $\varnothing 12$  mm







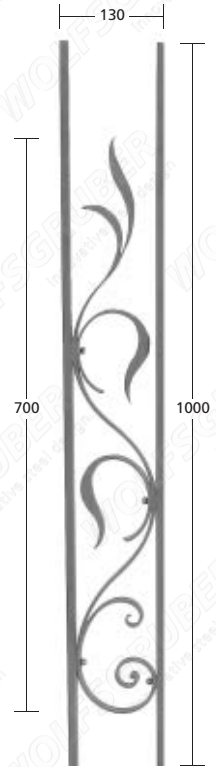
17140  $\varnothing$ 12 mm



17118  $\varnothing$ 12 mm



17128  $\varnothing$ 12 mm



17131  $\varnothing$ 12 mm





**17150** Ø12 mm



**17151** Ø12 mm



**17154** Ø12 mm



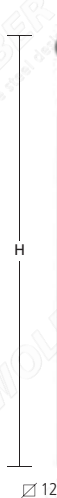
**17155** Ø12 mm



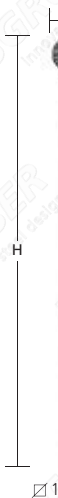
**17156** Ø12 mm



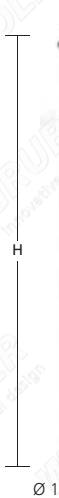
**17160** Ø12 mm



**46049** H: 1000 mm Ø 12 mm  
**46050** H: 500 mm Ø 20 mm  
**46052** H: 1000 mm Ø 20 mm



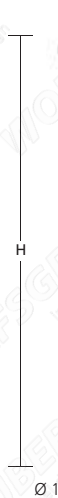
**46055** H: 500 mm  
**46057** H: 1000 mm



**46038** H: 500 mm  
**46039** H: 1000 mm



**46034** H: 1000 mm Ø 12 mm  
**46035** H: 500 mm Ø 18 mm  
**46037** H: 1000 mm Ø 18 mm

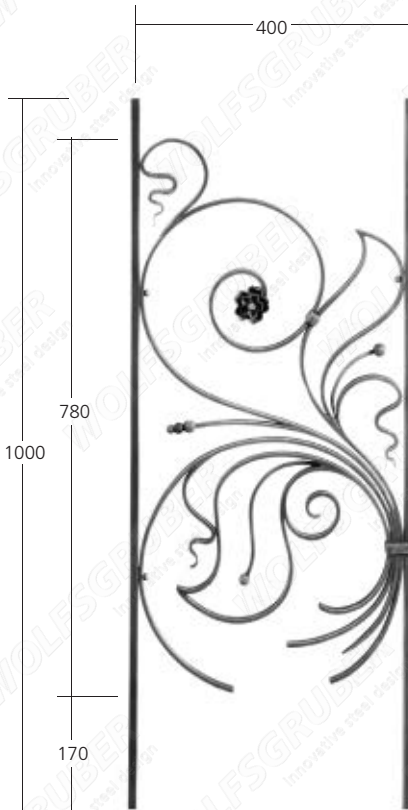


**46060** H: 600 mm  
**46061** H: 1000 mm  
**46062** H: 1200 mm

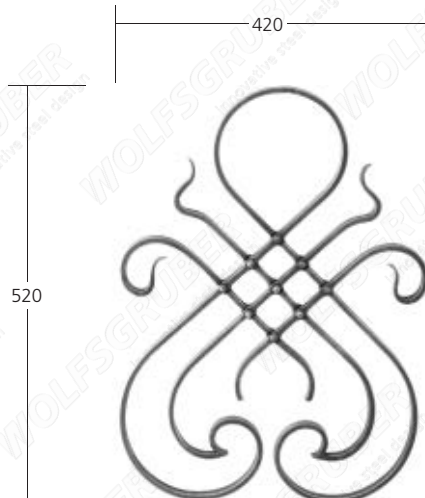


**46040** H: 500 mm  
**46042** H: 1000 mm



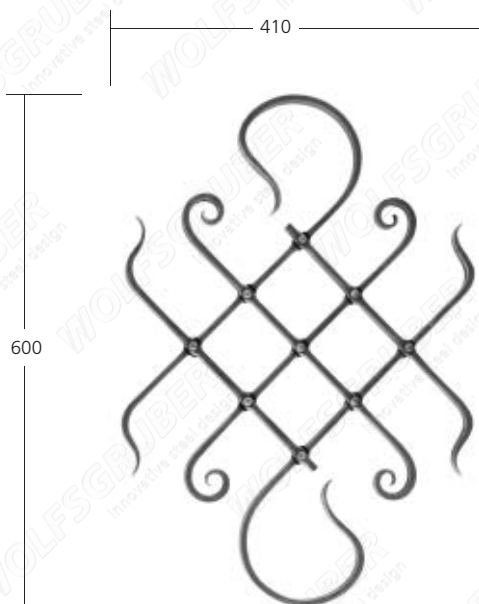


**37005** Mat. 12x6 mm  
5,72 kg

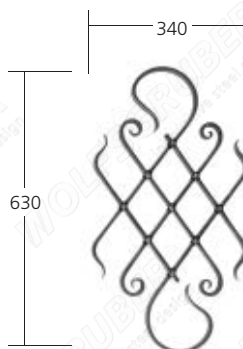


**37008** Mat. 16x8 mm  
4,0 kg

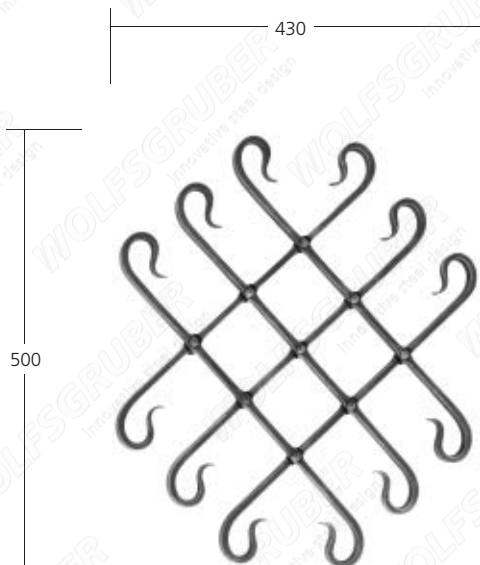




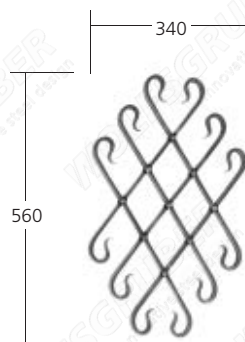
**37010** Mat. 16x8 mm  
3,22 kg



regolabile  
verstellbar  
adjustable



**37012** Mat. 16x8 mm  
3,34 kg



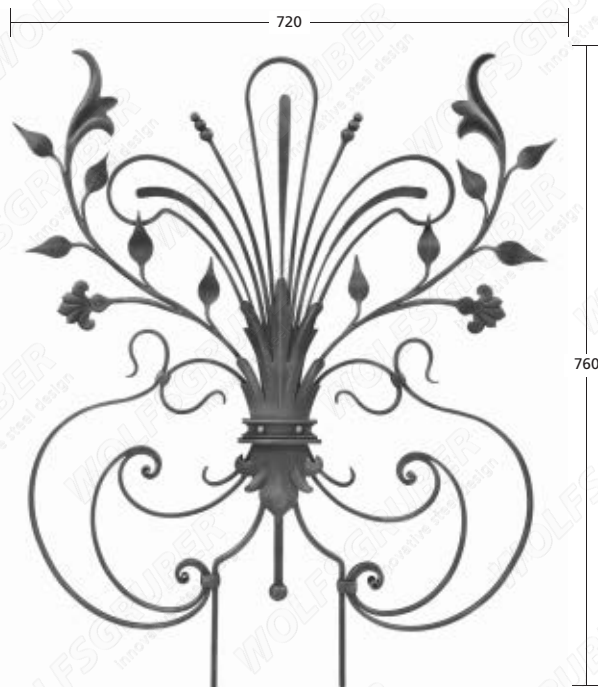
regolabile  
verstellbar  
adjustable





**37022** 15x8 / 12x6 mm

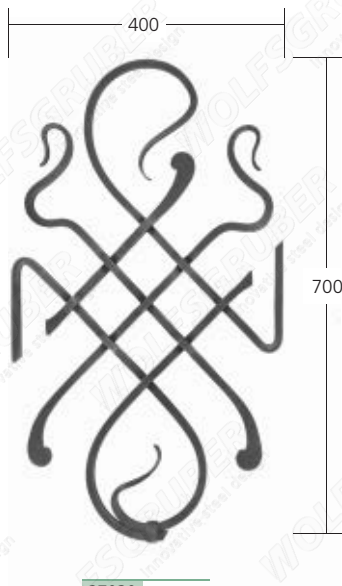
Usabile a due lati  
Beidseitig verwendbar  
both side usable



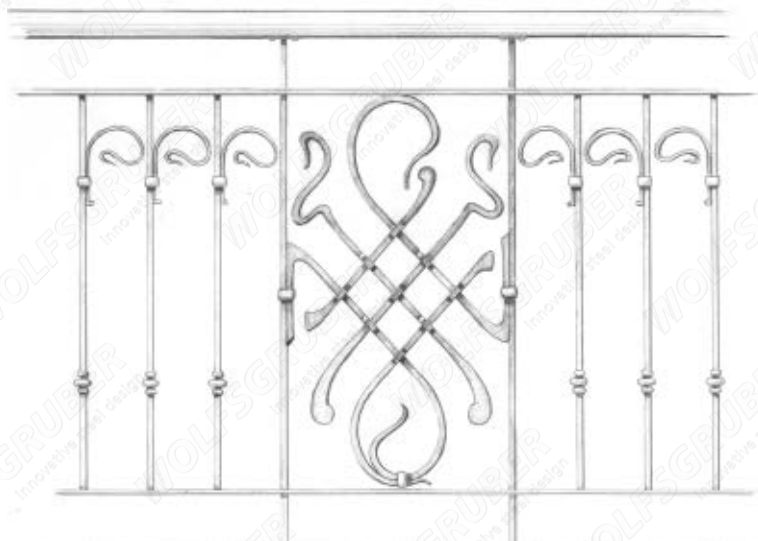
**37020** 15x8 / 12x6 mm



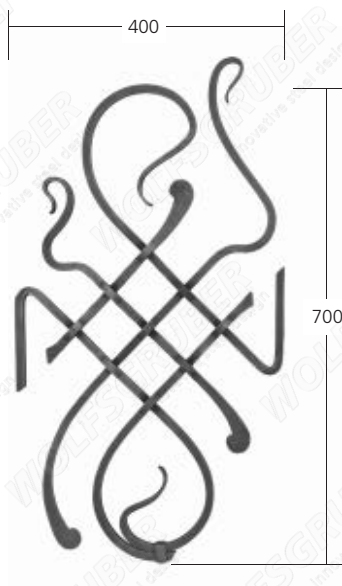
Trenta



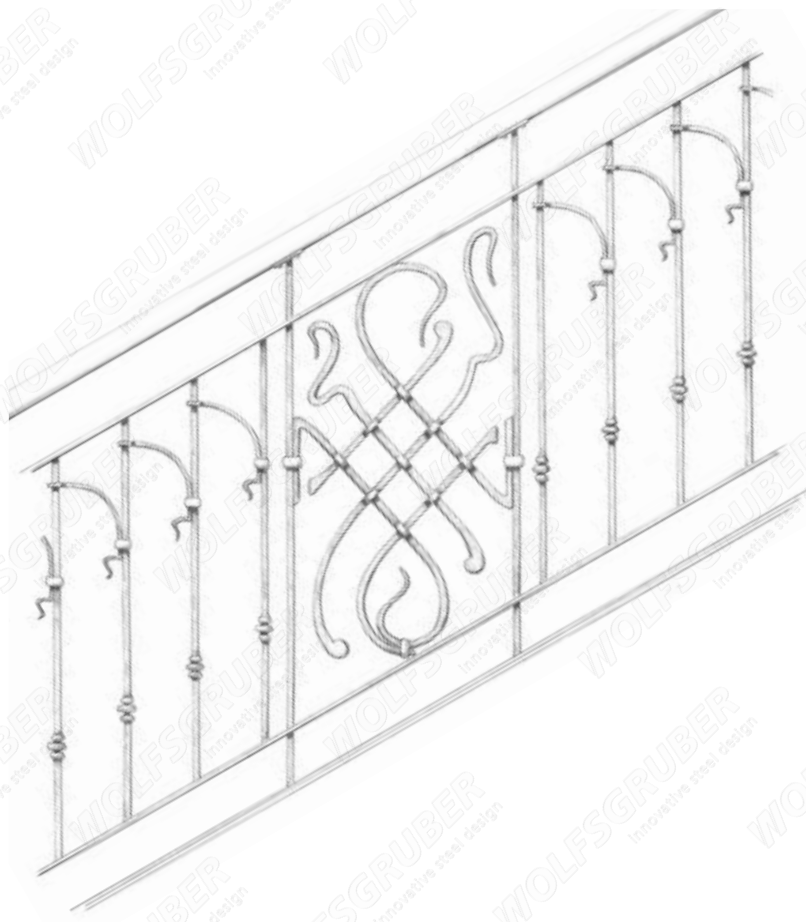
37030  $\varnothing$ 12 mm



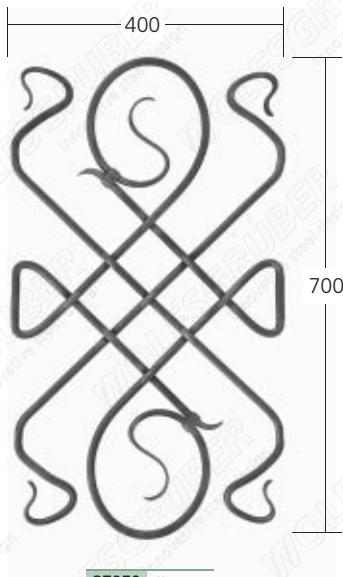
Usabile a due lati  
Beidseitig verwendbar  
both side usable



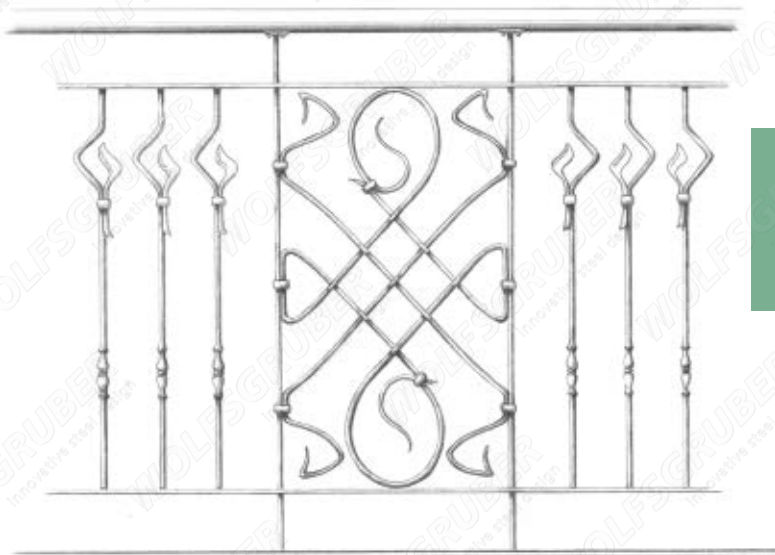
37032  $\varnothing$ 12 mm



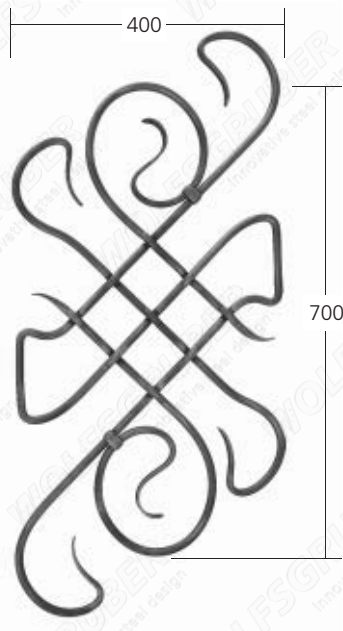




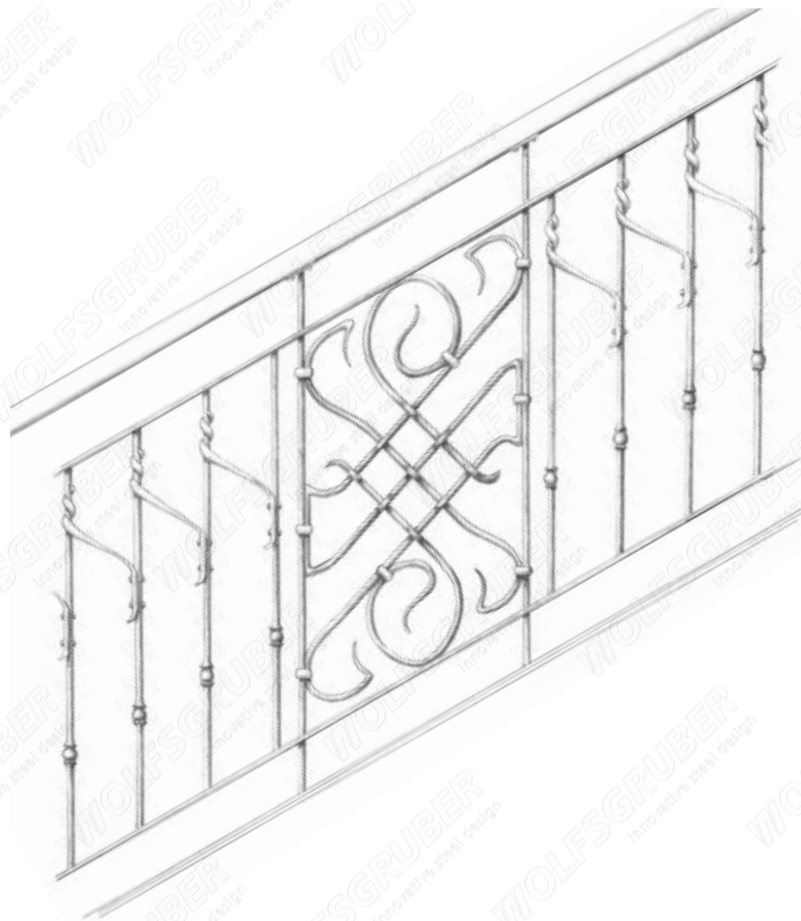
37050 Ø 12 mm



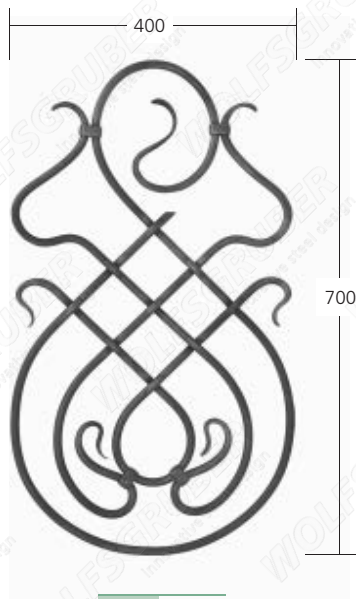
Usabile a due lati  
Beidseitig verwendbar  
both side usable



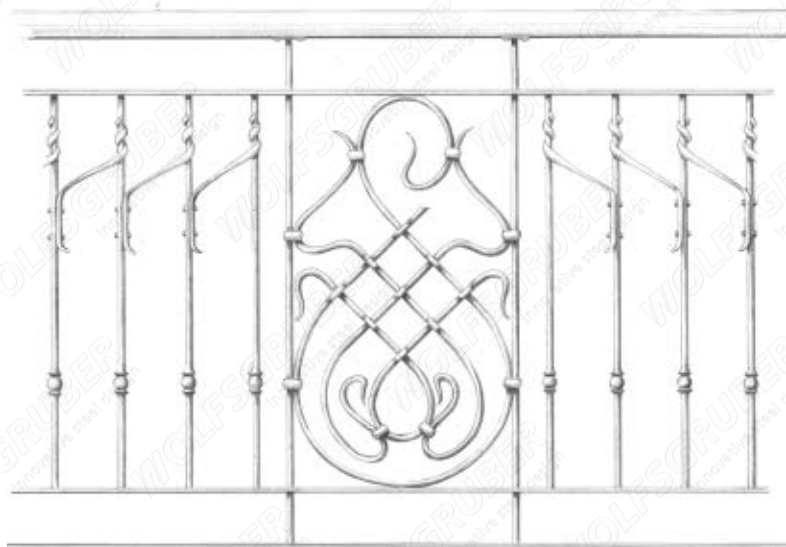
37052 Ø 12 mm



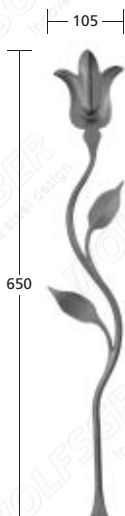
Trenta



37040 Ø 12 mm



37110



37114 ø 10 mm



37115 12x6 mm



37116 12x6 mm





37130 12x6 mm



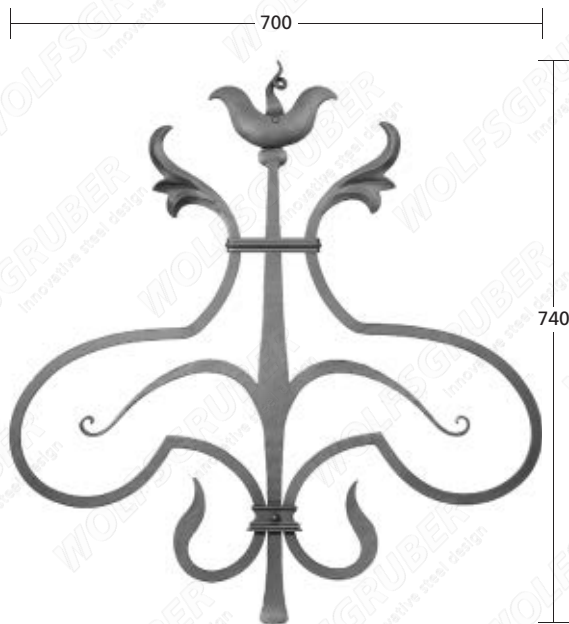
37132 12x6 mm



37140



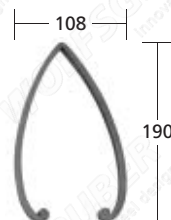
37142



37120



37152 16x3 mm



37150 12x6 mm

12	12	12	Fascetta · Bund
x	x	x	
6	12	6	

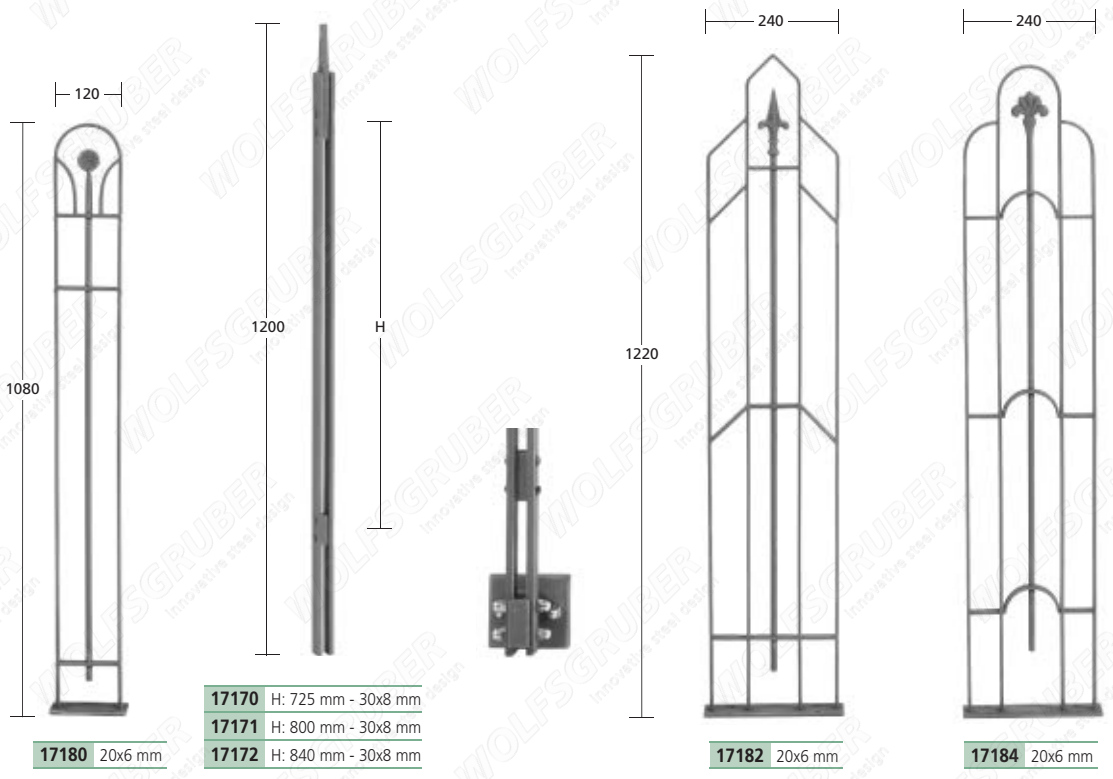


37125 12x6 mm



# CAPOSALDI - ANFANGSSTÄBE - INITIAL RODS

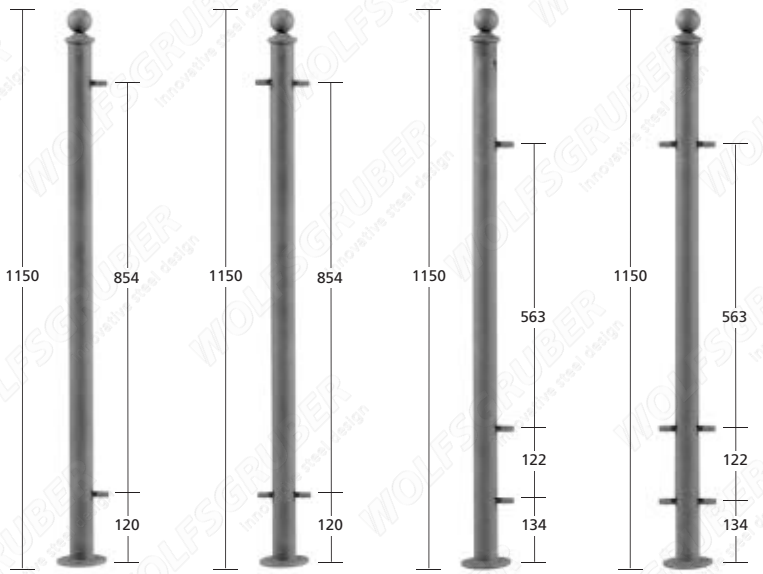
Trenta



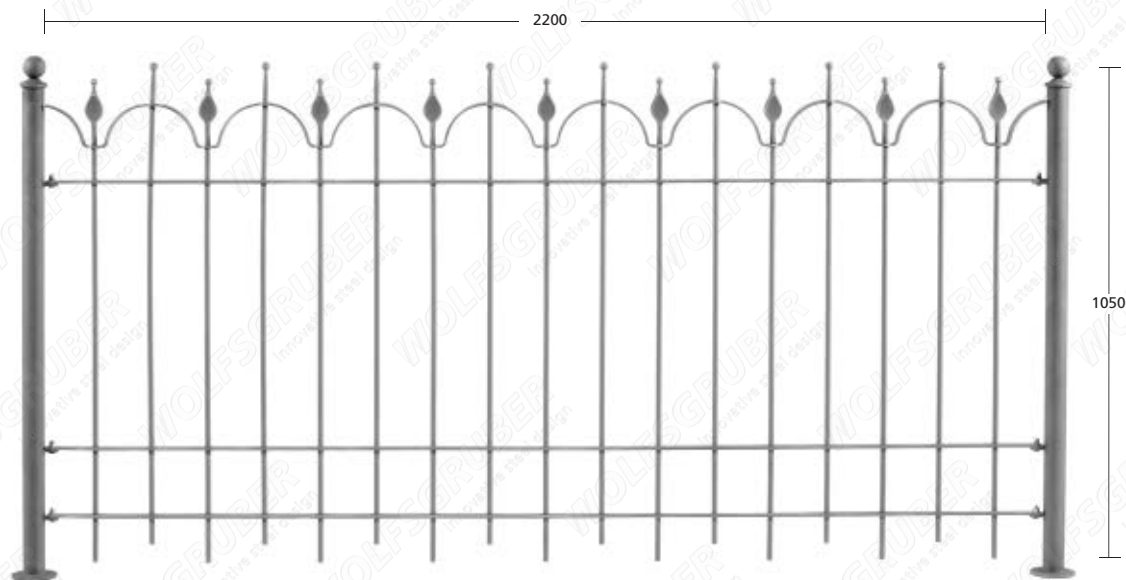
**17175** 80x80x10 mm



**17176** 100x100x10 mm



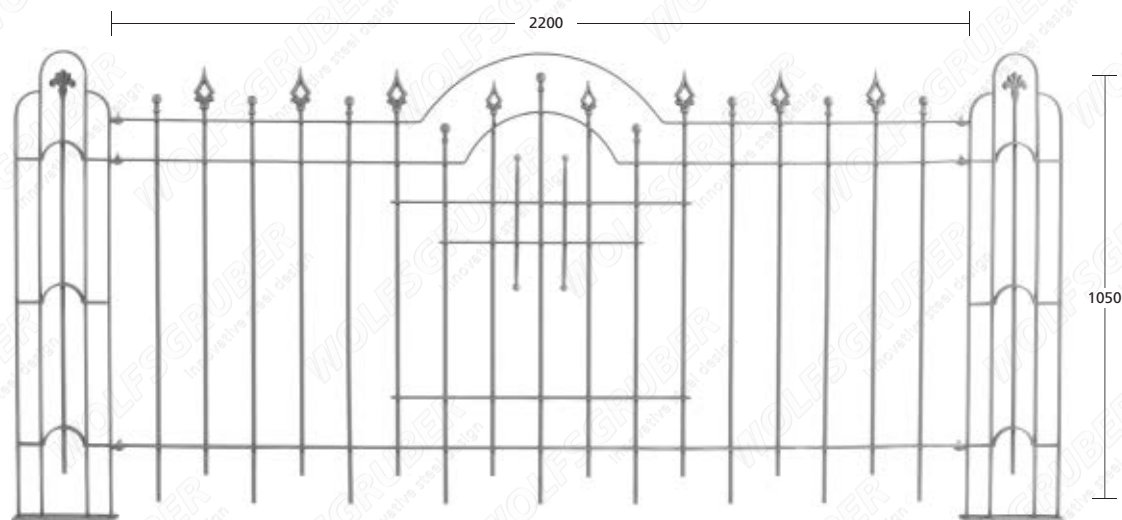




17310 ø 12 mm - 20x6 mm

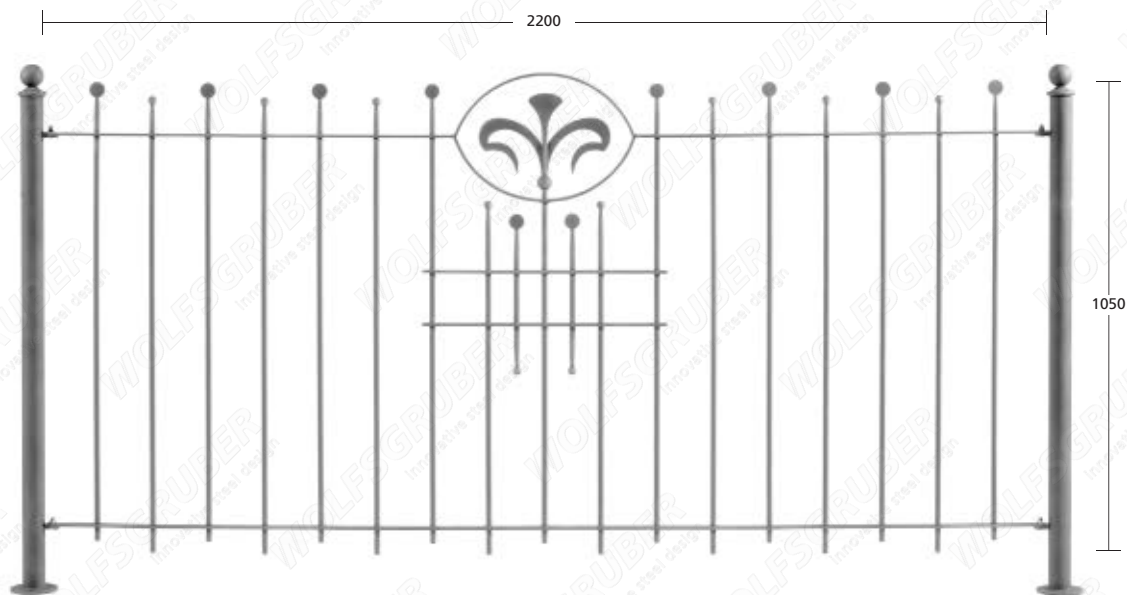
Fornitura senza caposaldi - Anfangssteher nicht im Lieferumfang - Initial rods not in supply

Altre misure su richiesta - Sondergrößen auf Anfrage - other size on request



17320 ø 12 mm - 20x6 mm

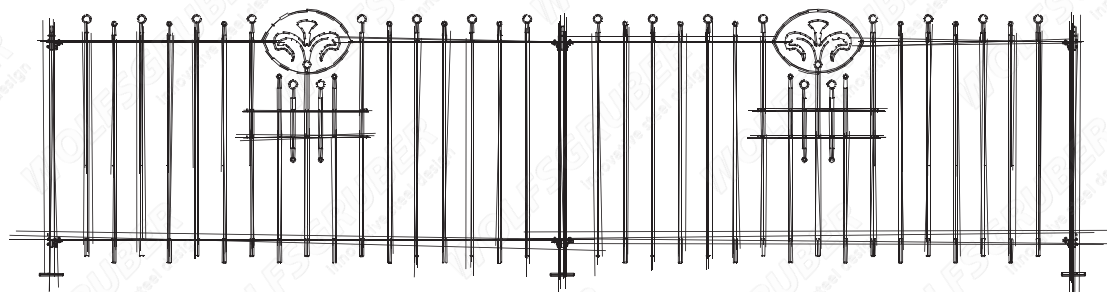
Fornitura senza caposaldi - Anfangssteher nicht im Lieferumfang - Initial rods not in supply



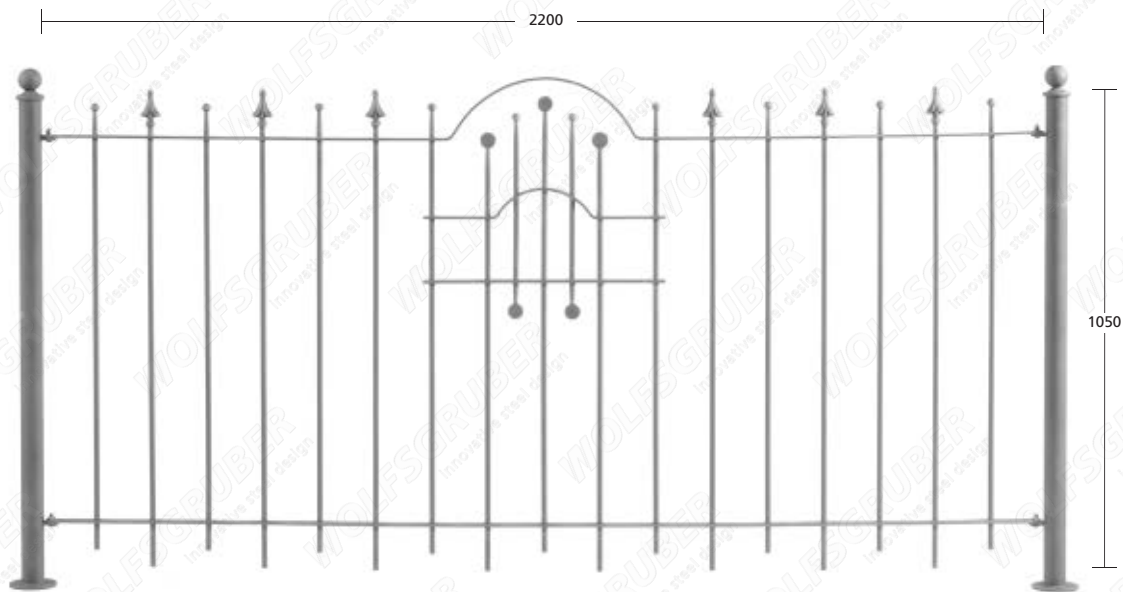
17330 ø 12mm - 20x6 mm

Fornitura senza caposaldi - Anfangssteher nicht im Lieferumfang - Initial rods not in supply

Altre misure su richiesta - Sondergrößen auf Anfrage - other size on request



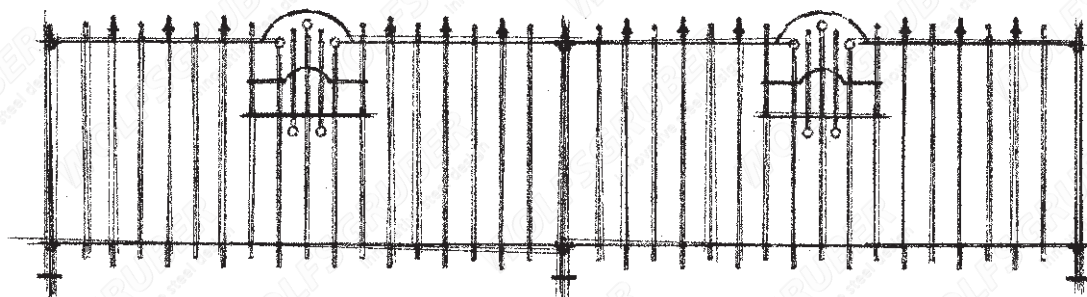


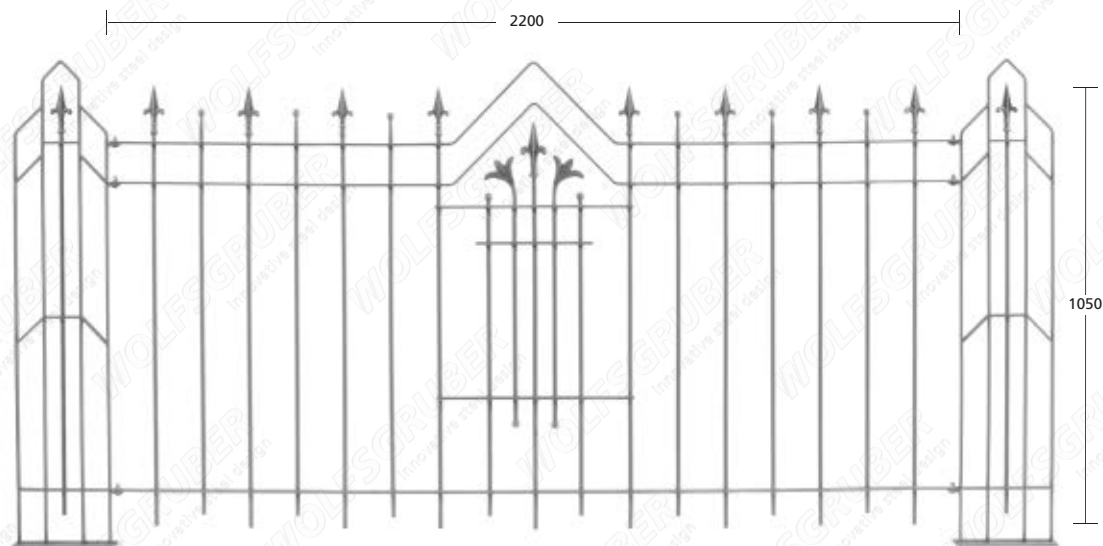


17340  $\varnothing$  12mm - 20x6 mm

Fornitura senza caposaldi - Anfangssteher nicht im Lieferumfang - Initial rods not in supply

Altre misure su richiesta - Sondergrößen auf Anfrage - other size on request





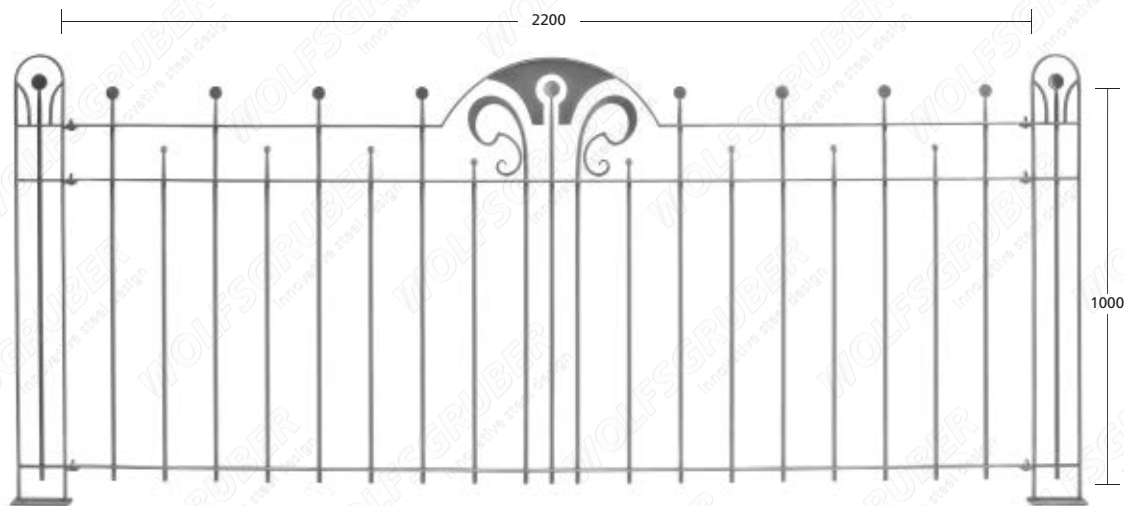
17350  $\varnothing$  12mm - 20x6 mm

Fornitura senza caposaldi - Anfangssteher nicht im Lieferumfang - Initial rods not in supply

Altre misure su richiesta - Sondergrößen auf Anfrage - other size on request



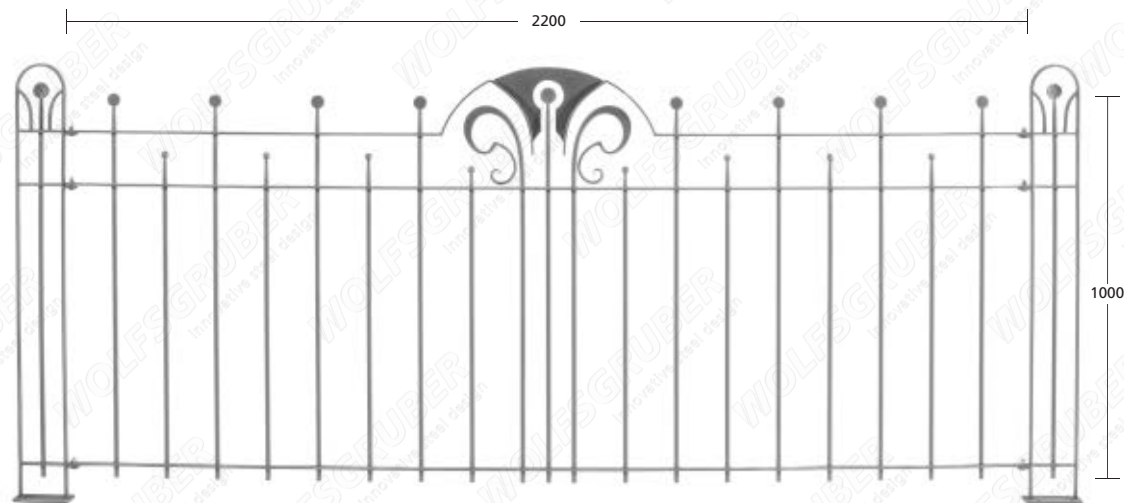




**17360** ø 12mm - 20x6 mm

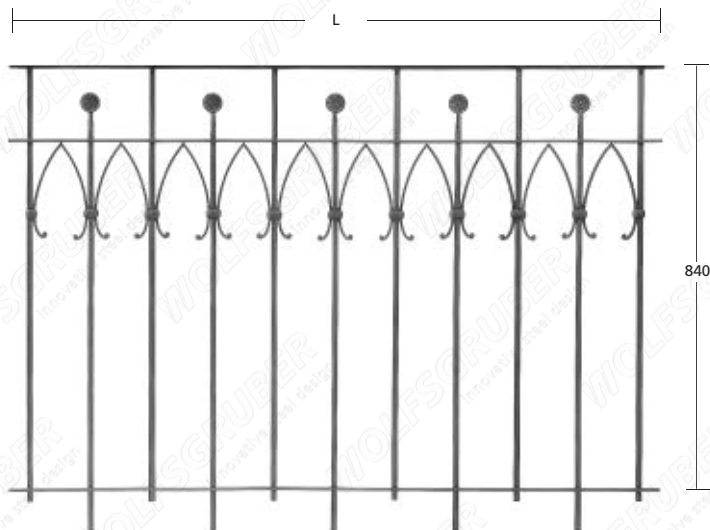
Fornitura senza caposaldi - Anfangssteher nicht im Lieferumfang - Initial rods not in supply

Altre misure su richiesta - Sondergrößen auf Anfrage - other size on request



**17370** ø 12mm - 20x6 mm

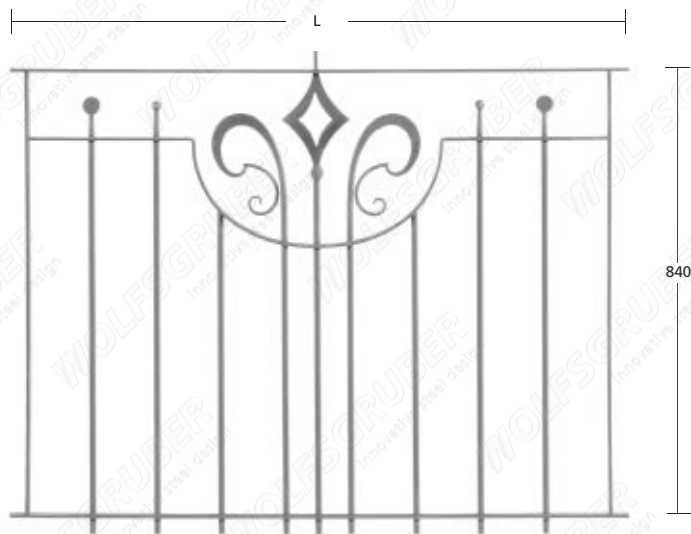
Fornitura senza caposaldi - Anfangssteher nicht im Lieferumfang - Initial rods not in supply



**17410** ø 12mm - 20x6 mm - L: 1320 mm

**17415** ø 12mm - 20x6 mm - L: 1800 mm

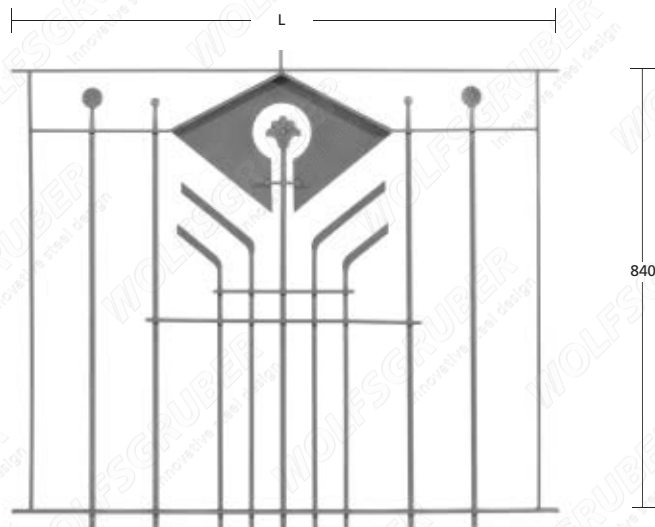
Altre misure su richiesta - Sondergrößen auf Anfrage - other size on request



**17420** ø 12mm - 20x6 mm - L: 1320 mm

**17425** ø 12mm - 20x6 mm - L: 1800 mm

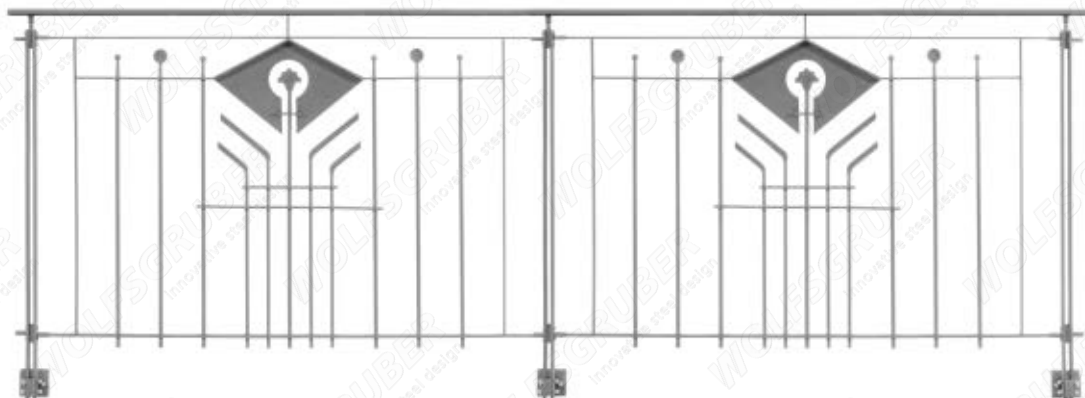


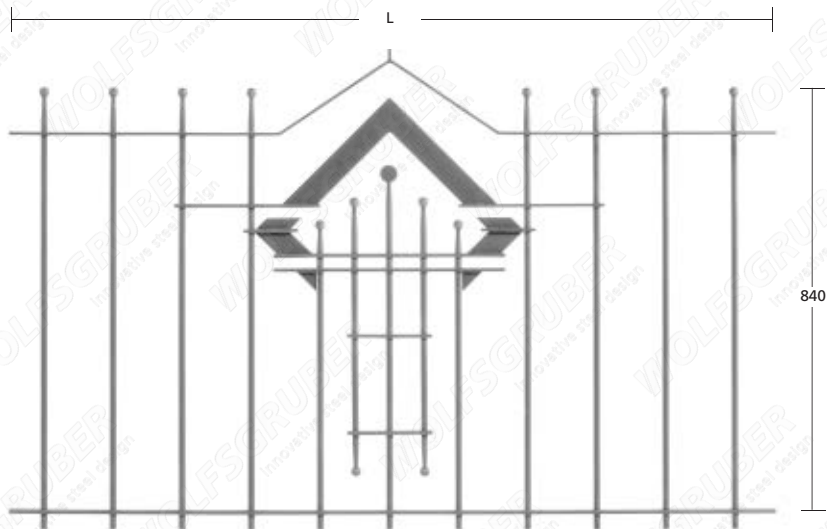


**17430**  $\varnothing$  12mm - 20x6 mm - L: 1320 mm

**17435**  $\varnothing$  12mm - 20x6 mm - L: 1800 mm

Altre misure su richiesta - Sondergrößen auf Anfrage - other size on request

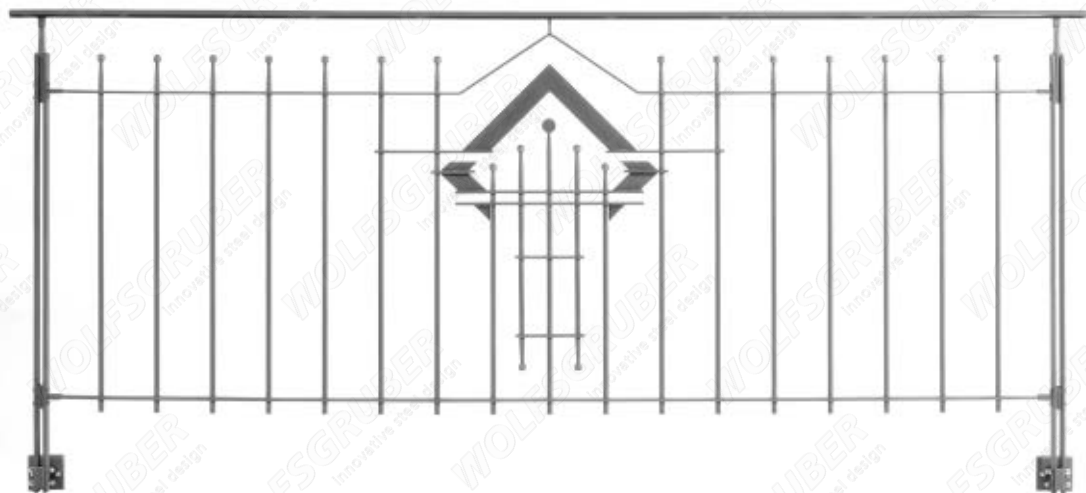




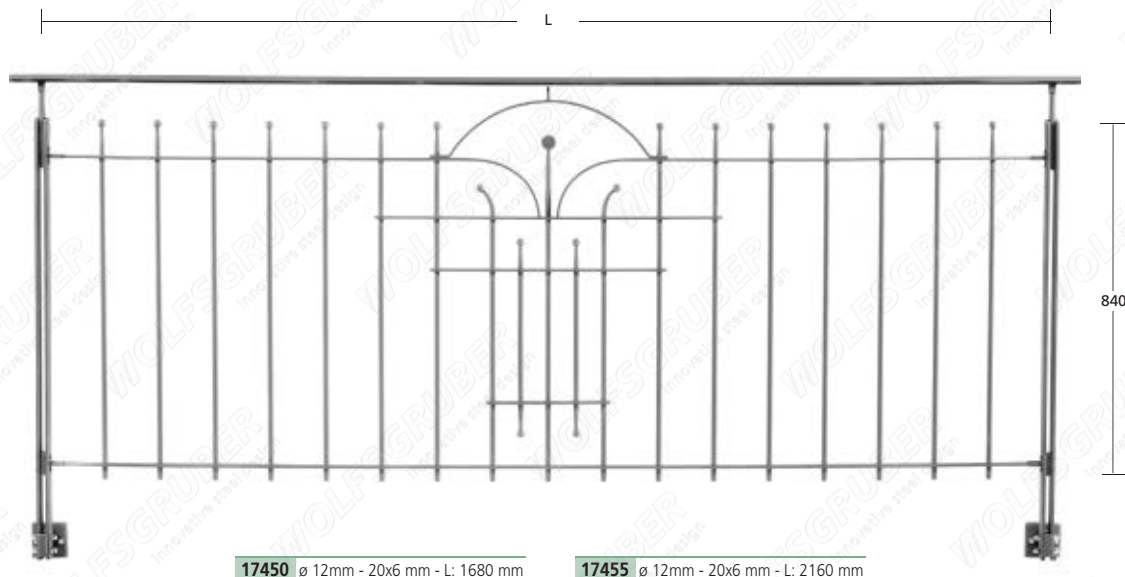
**17440** ø 12mm - 20x6 mm - L: 1440 mm

**17445** ø 12mm - 20x6 mm - L: 1920 mm

Altre misure su richiesta - Sondergrößen auf Anfrage - other size on request

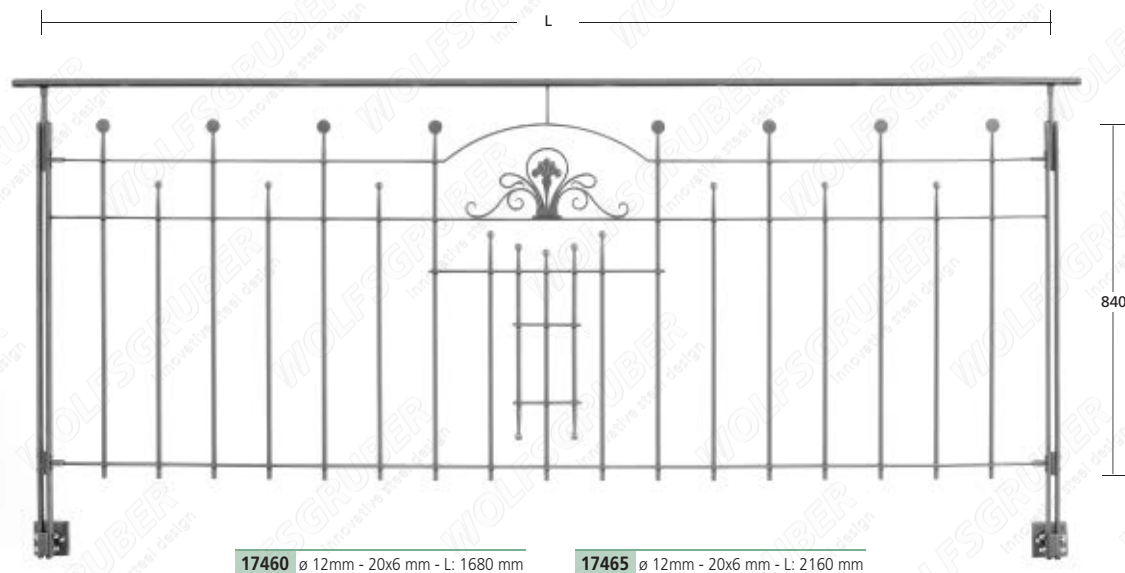




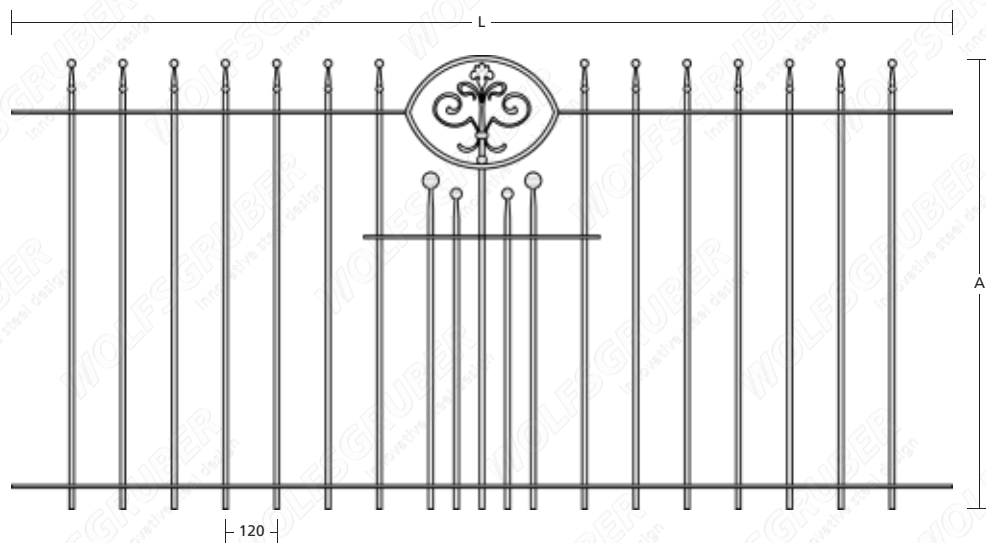
17450  $\varnothing 12$  mm - 20x6 mm - L: 1680 mm17455  $\varnothing 12$  mm - 20x6 mm - L: 2160 mm

Fornitura senza caposaldi e corrimano - Anfangssteher und Handlauf nicht im Lieferumfang - Initial rods and handrail not in supply

Altre misure su richiesta - Sondergrößen auf Anfrage - other size on request

17460  $\varnothing 12$  mm - 20x6 mm - L: 1680 mm17465  $\varnothing 12$  mm - 20x6 mm - L: 2160 mm

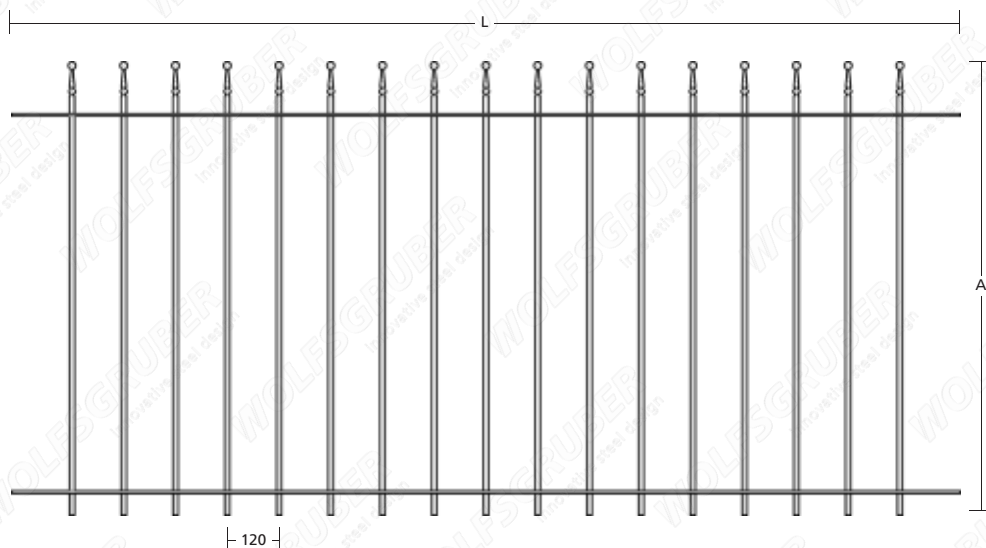
Fornitura senza caposaldi e corrimano - Anfangssteher und Handlauf nicht im Lieferumfang - Initial rods and handrail not in supply



**17600** 25x8 | ø 12mm - L: 2200 - A: 700

**17601** 25x8 | ø 12mm - L: 2200 - A: 1000

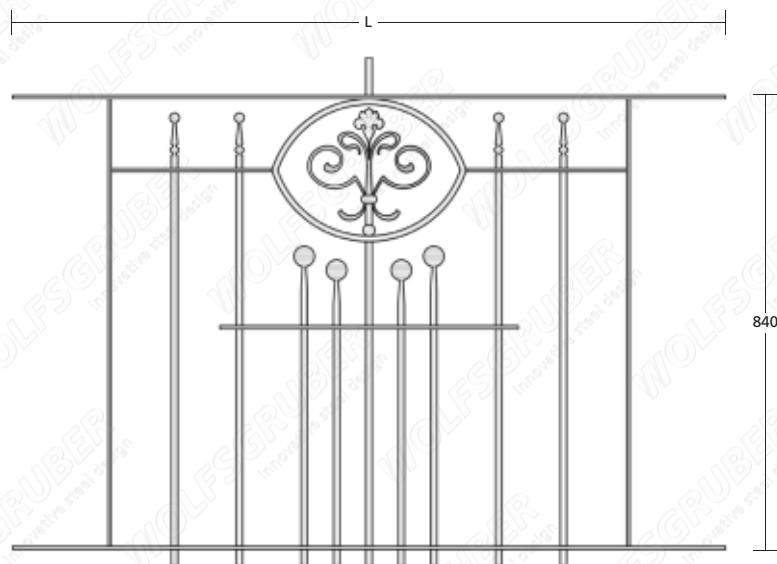
Altre misure su richiesta - Sondergrößen auf Anfrage - other size on request



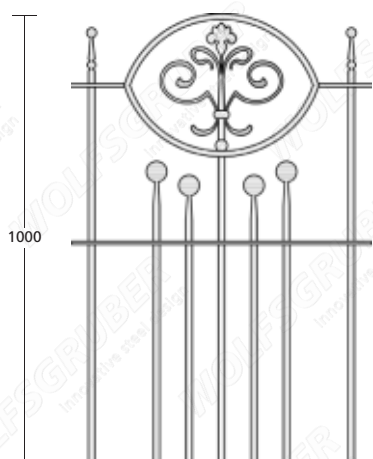
**17603** 25x8 | ø 12mm - L: 2200 - A: 700

**17604** 25x8 | ø 12mm - L: 2200 - A: 1000

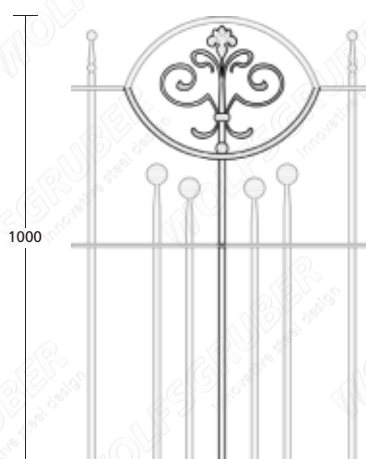


17500 25x8 |  $\varnothing$  12mm - L: 132017501 25x8 |  $\varnothing$  12mm - L: 1800

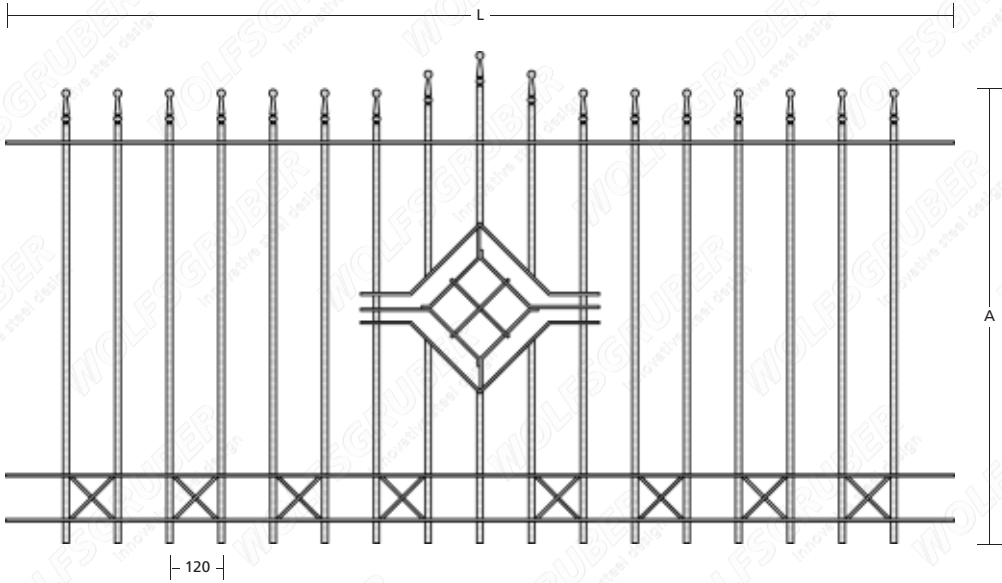
Altre misure su richiesta - Sondergrößen auf Anfrage - other size on request



17500-E



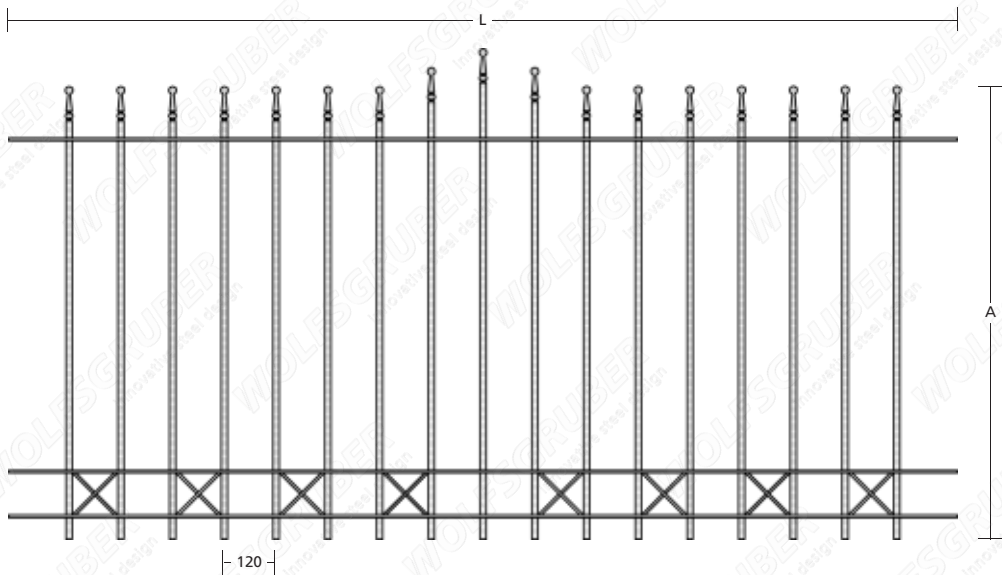
17500-S



**17605** 25x8 |  $\square$ 12mm - L: 2200 - A: 700

**17606** 25x8 |  $\square$ 12mm - L: 2200 - A: 1000

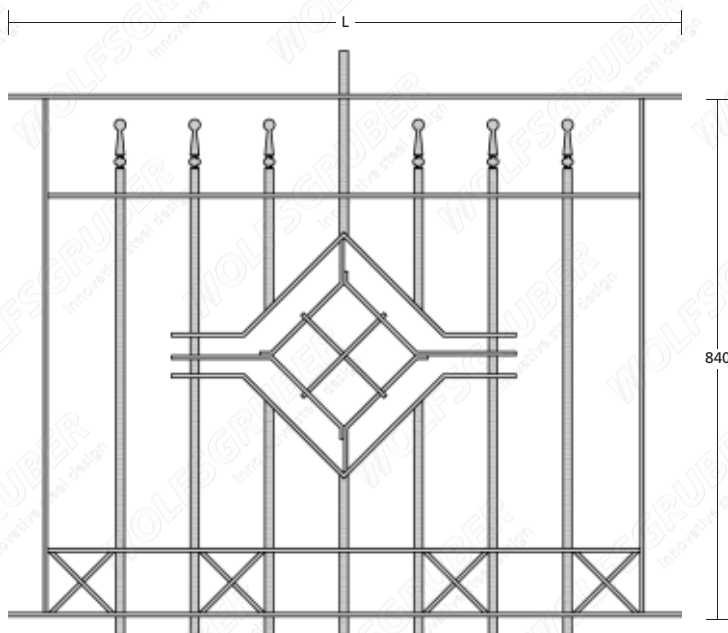
Altre misure su richiesta - Sondergrößen auf Anfrage - other size on request



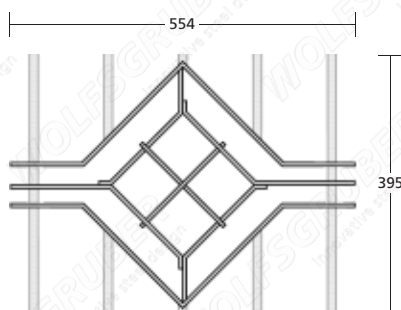
**17608** 25x8 |  $\square$ 12mm - L: 2200 - A: 700

**17609** 25x8 |  $\square$ 12mm - L: 2200 - A: 1000

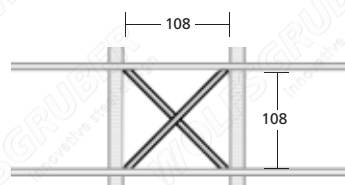


17505 25x8 |  $\square$  12mm - L: 132017506 25x8 |  $\square$  12mm - L: 1800

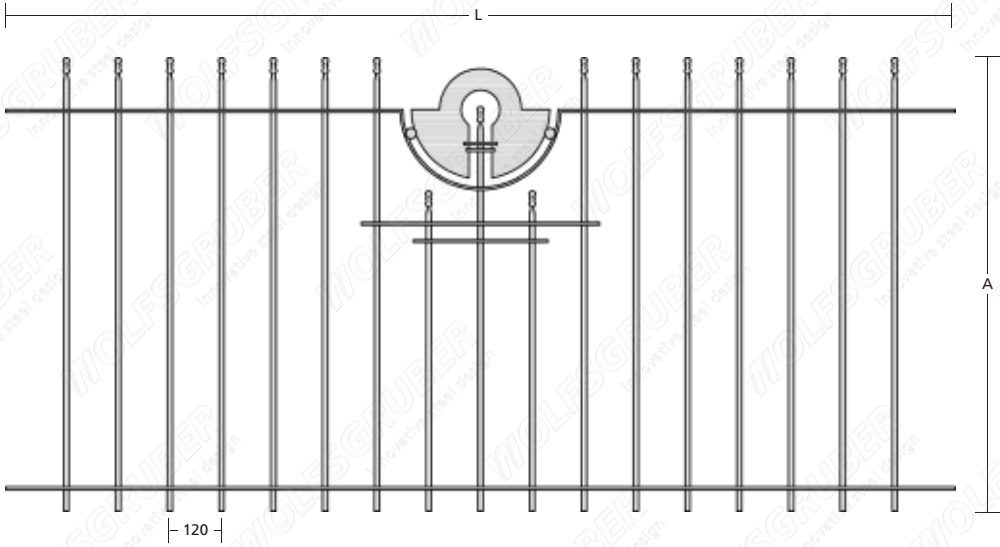
Altre misure su richiesta - Sondergrößen auf Anfrage - other size on request



17505-E 12x6



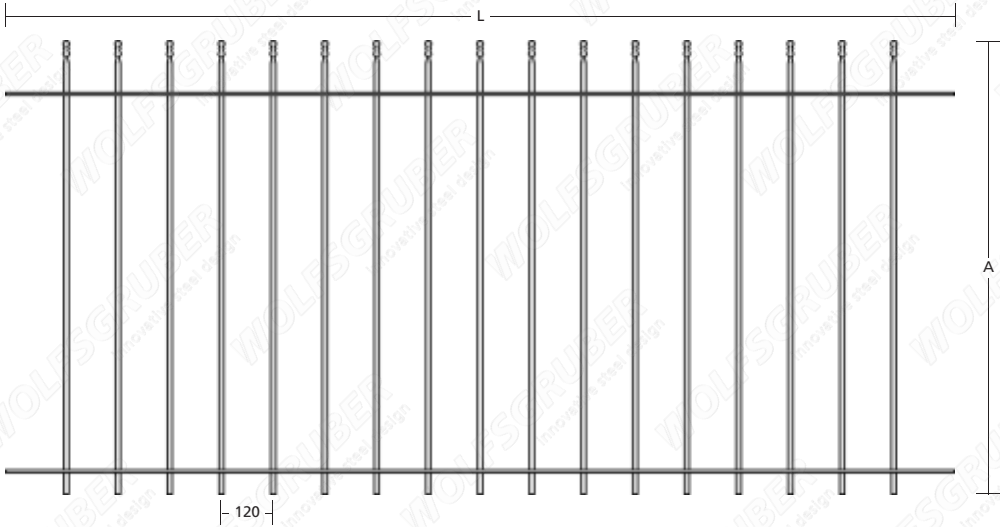
17505-K 12x6



**17610** 25x8 l ø 12mm - L: 2200 - A: 700

**17611** 25x8 l ø 12mm - L: 2200 - A: 1000

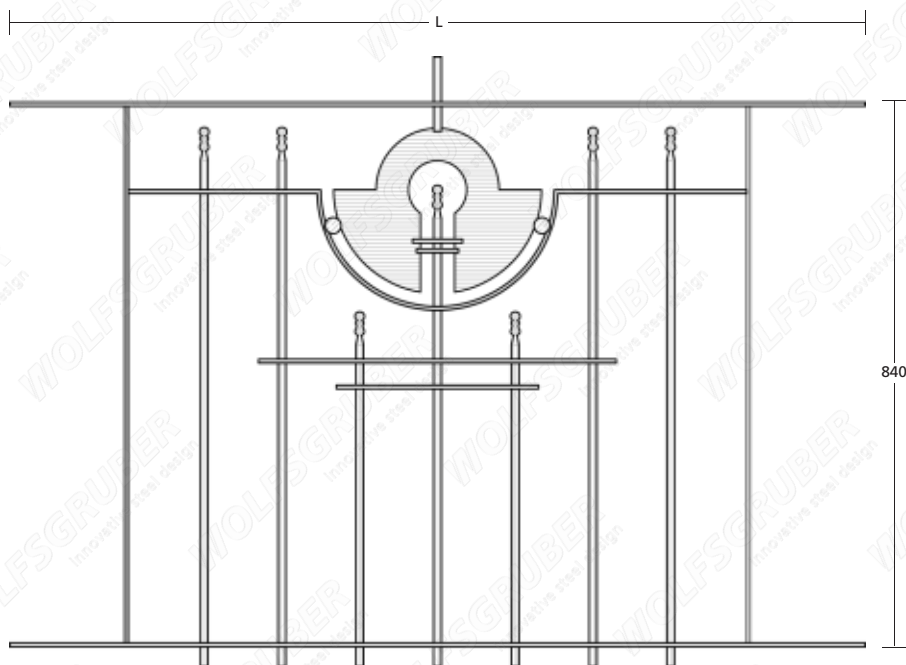
Altre misure su richiesta - Sondergrößen auf Anfrage - other size on request



**17613** 25x8 l ø 12mm - L: 2200 - A: 700

**17614** 25x8 l ø 12mm - L: 2200 - A: 1000

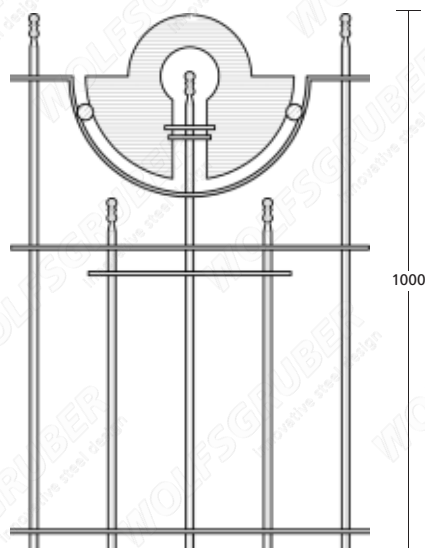




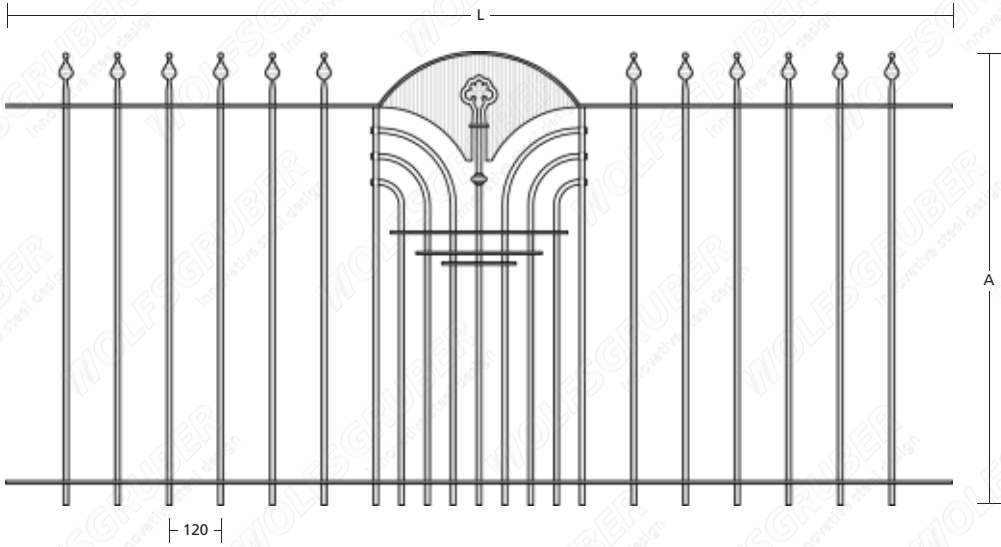
**17510** 25x8 |  $\varnothing$  12mm - L: 1320

**17511** 25x8 |  $\varnothing$  12mm - L: 1800

Altre misure su richiesta - Sondergrößen auf Anfrage - other size on request



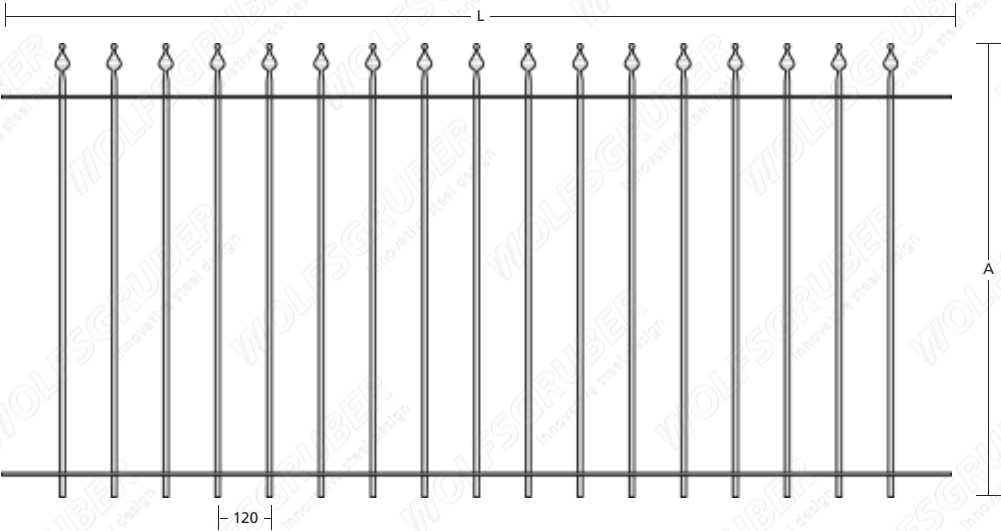
**17510-E**



**17615** 25x8 l ø 12mm - L: 2200 - A: 700

**17616** 25x8 l ø 12mm - L: 2200 - A: 1000

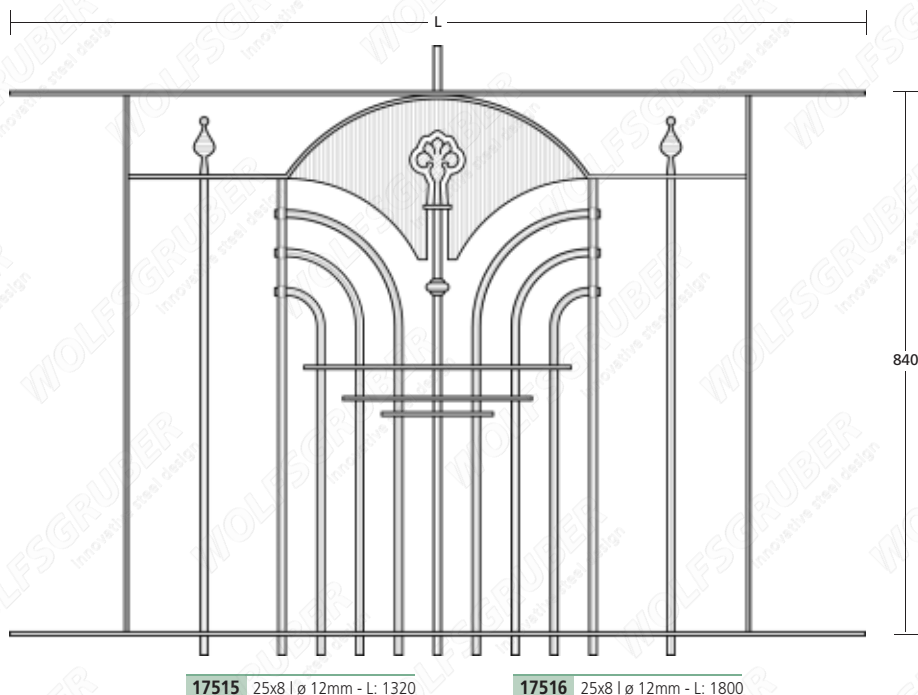
Altre misure su richiesta - Sondergrößen auf Anfrage - other size on request



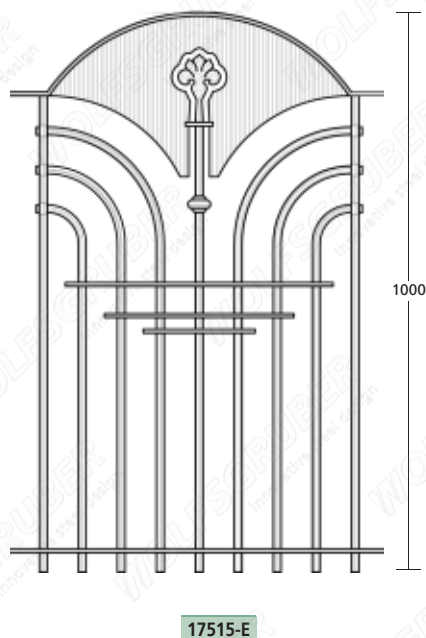
**17618** 25x8 l ø 12mm - L: 2200 - A: 700

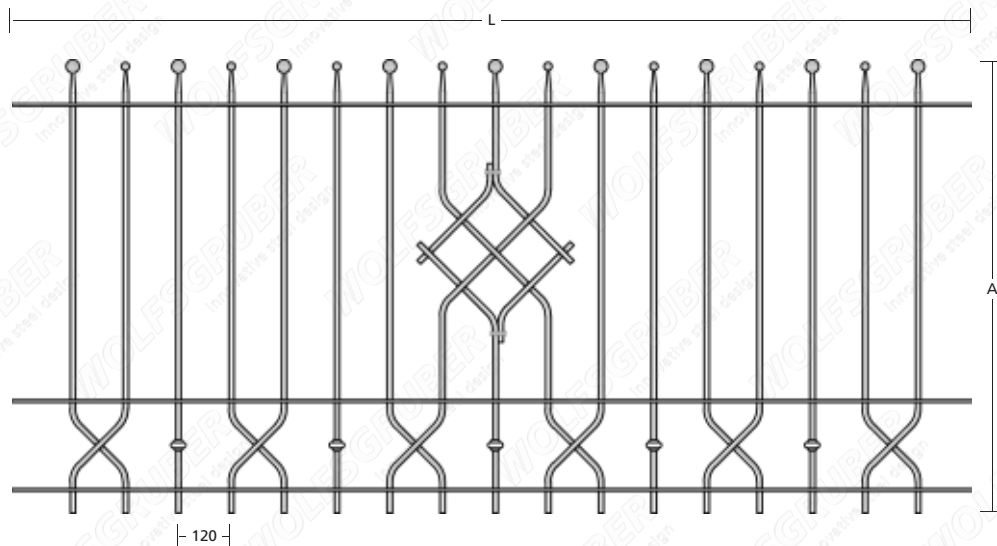
**17619** 25x8 l ø 12mm - L: 2200 - A: 1000





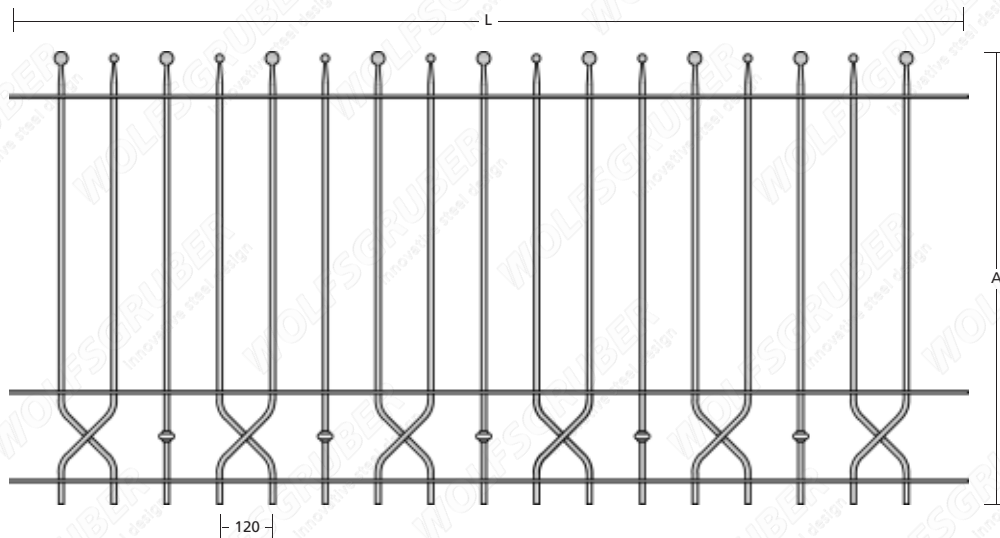
Altre misure su richiesta - Sondergrößen auf Anfrage - other size on request





**17620** 25x8 |  $\varnothing$  12mm - L: 2200 - A: 1000

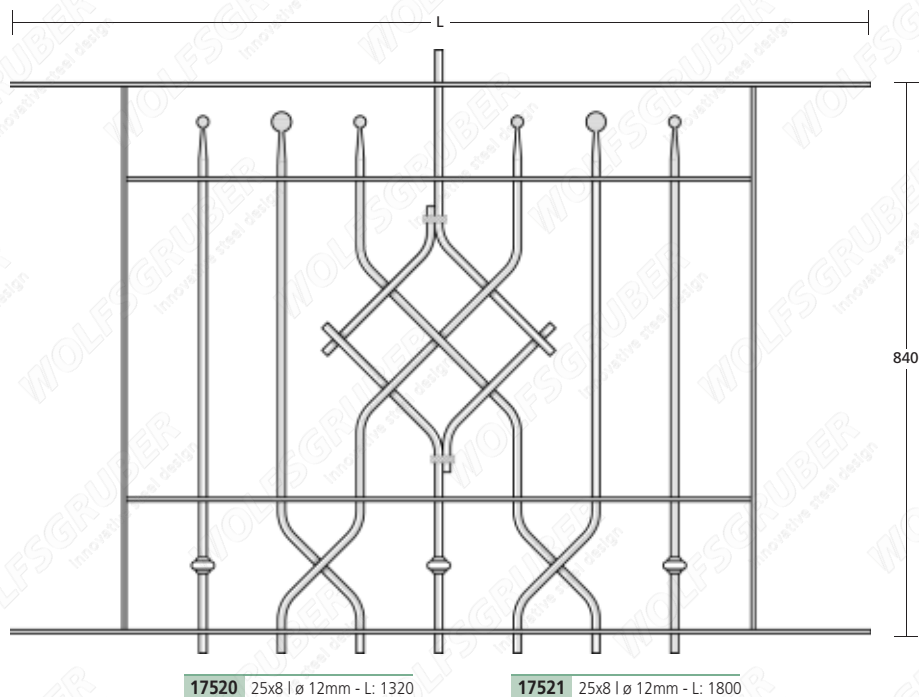
Altre misure su richiesta - Sondergrößen auf Anfrage - other size on request



**17623** 25x8 |  $\varnothing$  12mm - L: 2200 - A: 700

**17624** 25x8 |  $\varnothing$  12mm - L: 2200 - A: 1000





Altre misure su richiesta - Sondergrößen auf Anfrage - other size on request



Trenta

Altre misure su richiesta - Sondergrößen auf Anfrage - other size on request  
altri paletti vedi pag 7.41 - weitere Zaunstäbe siehe Seite 7.41



17190 ø 12 mm

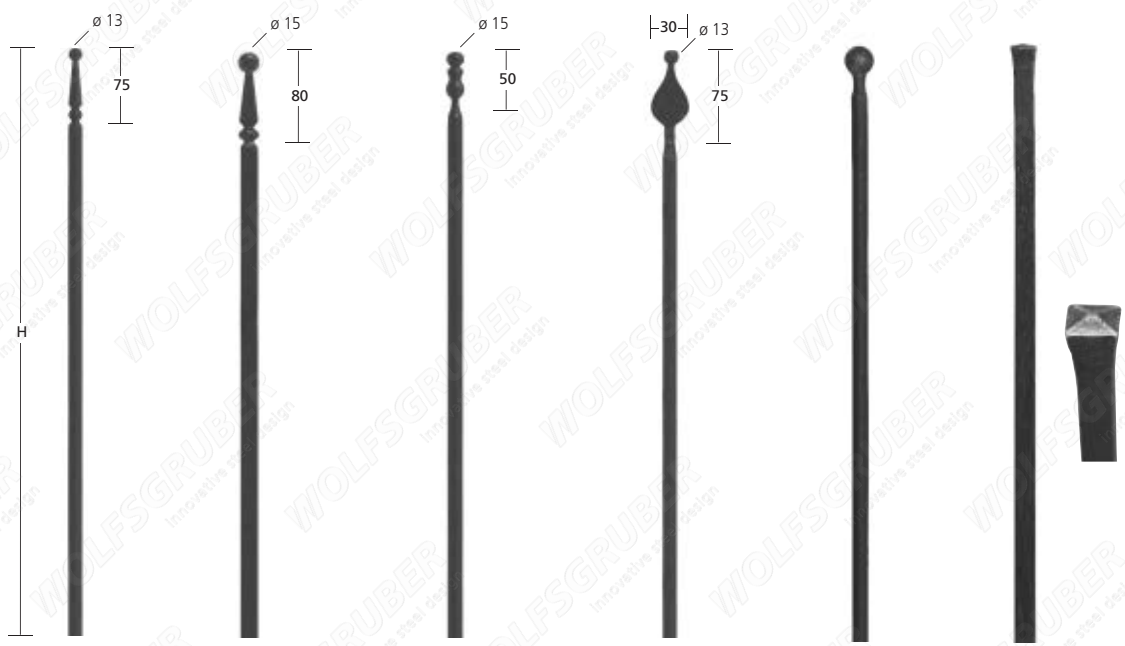
17191 ø 12 mm

17195 √12 mm

17192 ø 12 mm

17193 ø 12 mm

17194 ø 12 mm



H		H		H		H		H		H	
17902	Mat. ø 12 mm	1000	17907	Mat. √12 mm	1000	17912	Mat. ø 12 mm	1000	17917	Mat. ø 12 mm	1000
17903	Mat. ø 12 mm	700	17908	Mat. √12 mm	700	17913	Mat. ø 12 mm	700	17918	Mat. ø 12 mm	700
17904	Mat. ø 12 mm	845	17909	Mat. √12 mm	845	17914	Mat. ø 12 mm	830	17919	Mat. ø 12 mm	855
17905	Mat. ø 12 mm	1500	17910	Mat. √12 mm	1500	17915	Mat. ø 12 mm	1500	17920	Mat. ø 12 mm	1500
									17940	Mat. ø 12 mm	1000
									17942	Mat. ø 14 mm	1000
									17930	Mat. √12 mm	1000
									17932	Mat. √14 mm	1000
									17936	Mat. √16 mm	1000



**PALETTI  
STÄBE  
RODS**

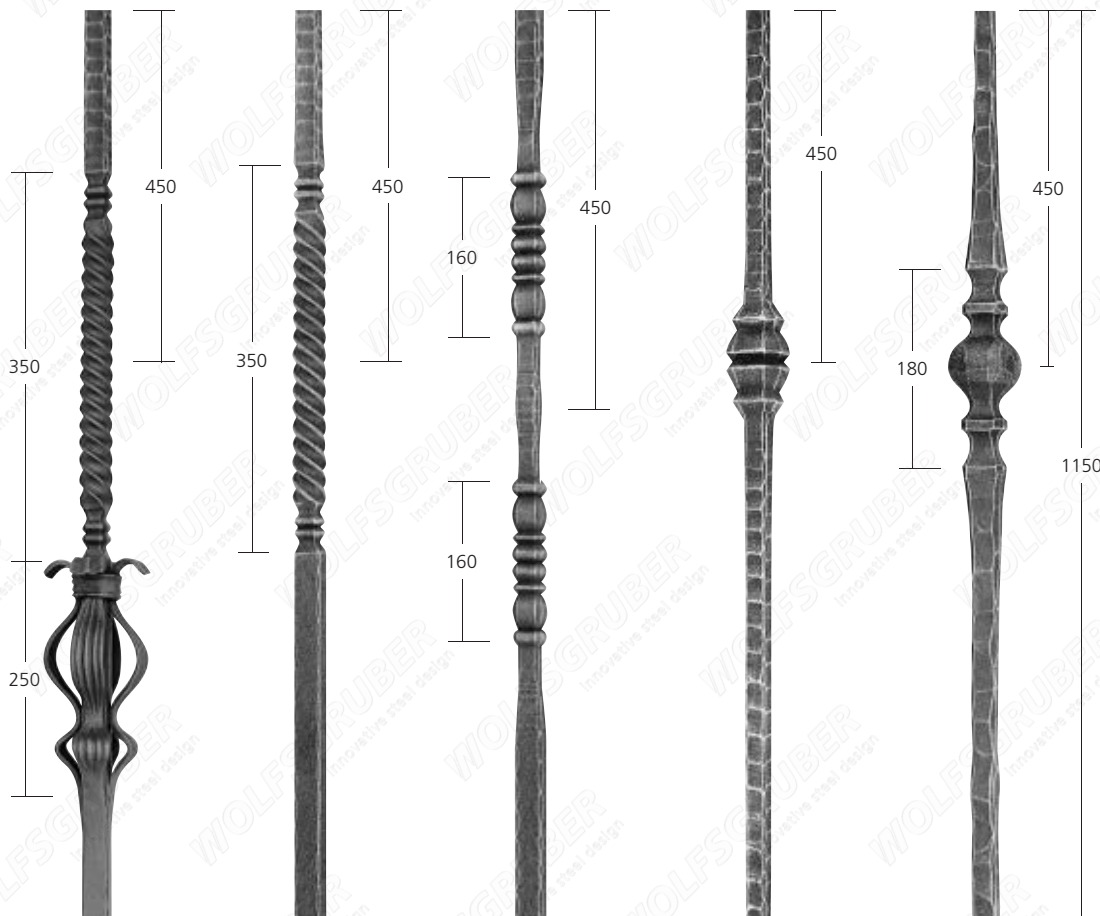


**WOLFSGRUBER**  
innovative steel design



# CAPOSALDI · ANFANGSSTÄBE · INITIAL RODS

forgiato a mano · handgeschmiedet · hand forged



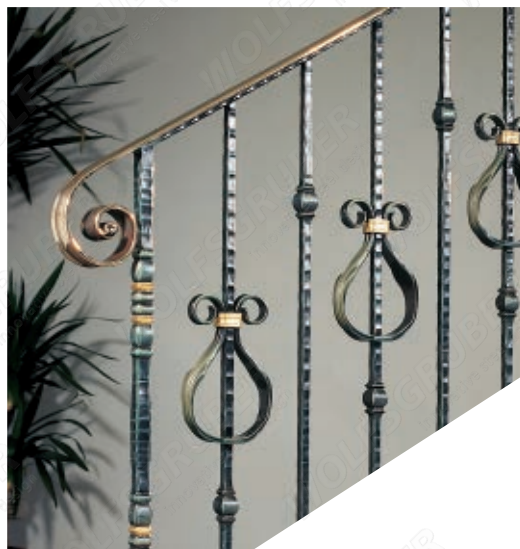
**11102** ∅25 mm  
6,58 kg

**11104** ∅25 mm  
5,54 kg

**11106** ∅25 mm  
5,20 kg

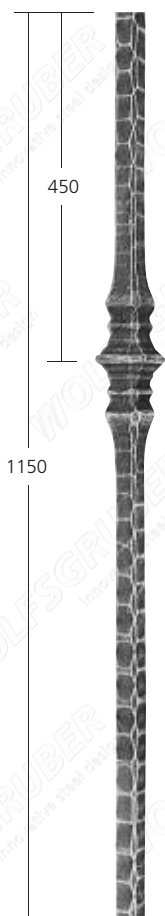
**11108** ∅25 mm  
5,63 kg

**11110** ∅25 mm  
7,30 kg





forgiato a mano · handgeschmiedet · hand forged



**11112**  $\varnothing 25$  mm  
6,08 kg



**11114**  $\varnothing 25$  mm  
4,58 kg



**11116**  $\varnothing 25$  mm  
6,52 kg





forgiato a mano · handgeschmiedet · hand forged



**11133**  $\square$ 25 mm  
5,80 kg



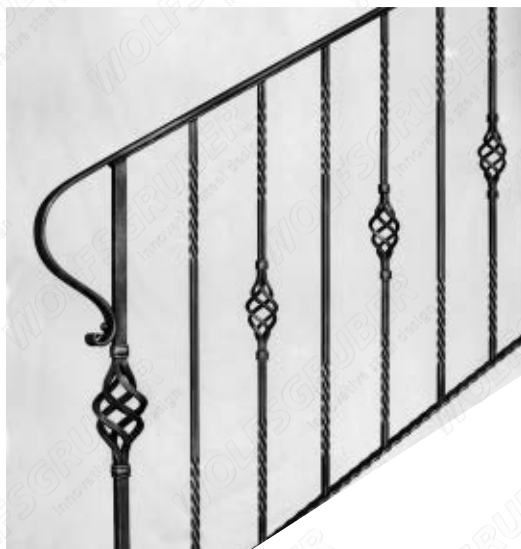
**11135**  $\varnothing$  25 mm  
6,6 kg



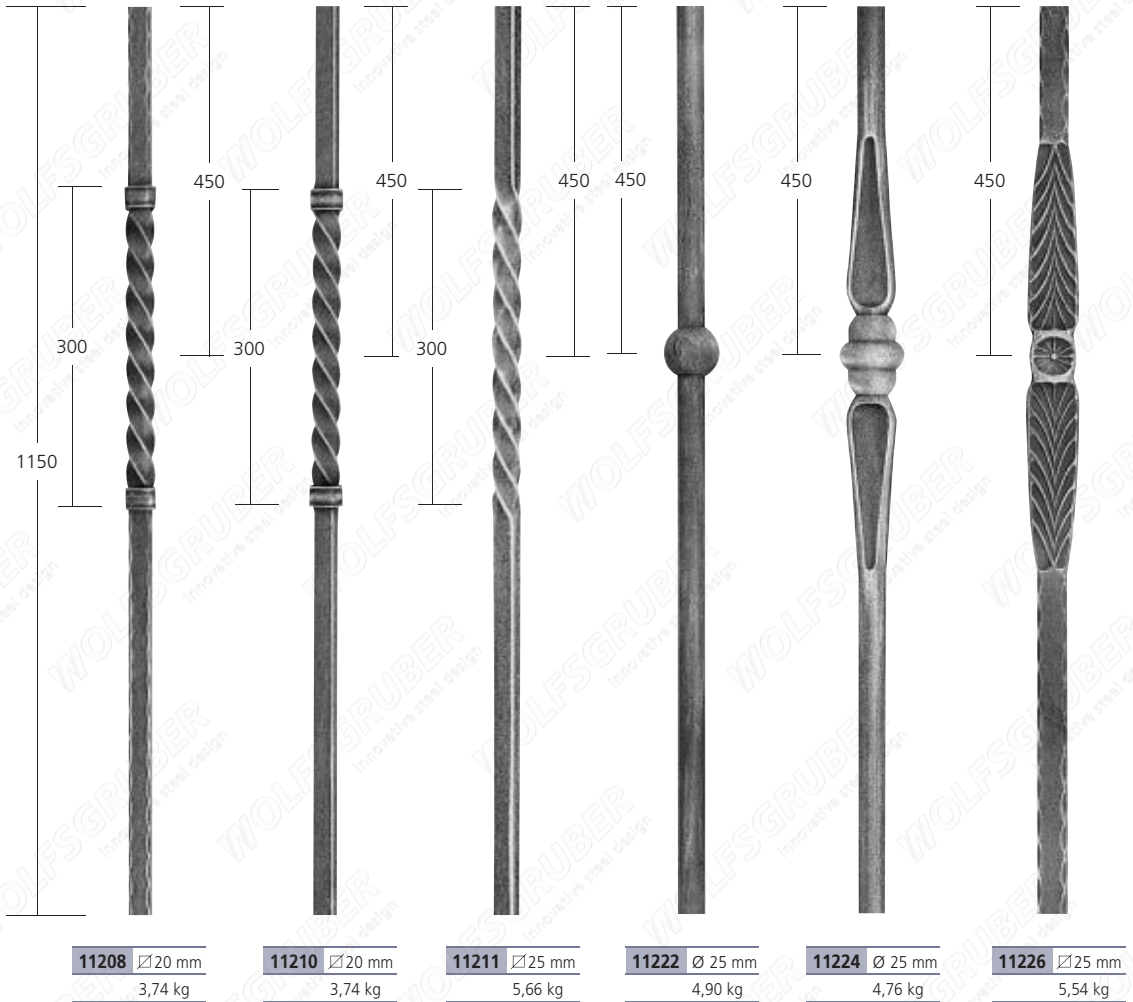
**11202**  $\square$ 25 mm  
5,92 kg



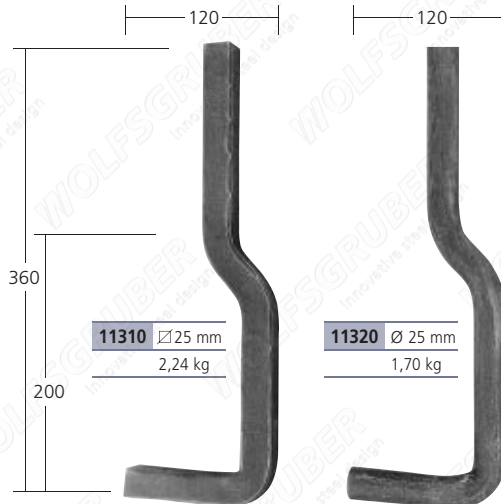
**11204**  $\square$ 20 mm  
3,88 kg





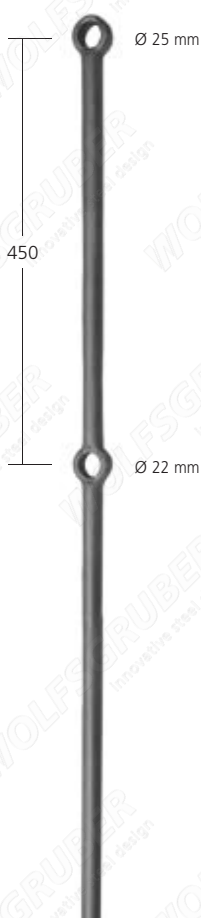


supporti ringhiera · Geländerstützen · rail supports





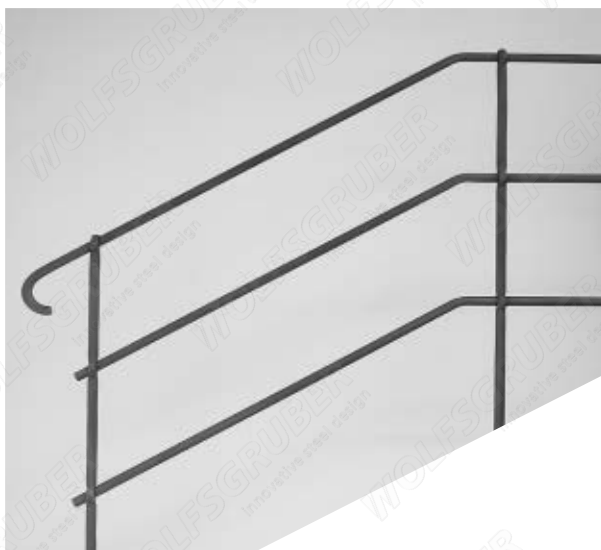
**11232** Ø 25 mm  
4,65 kg



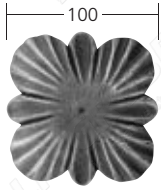
**11234** Ø 25 mm  
4,65 kg



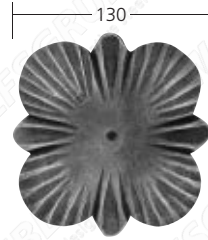
**11236** Ø 25 mm  
4,65 kg



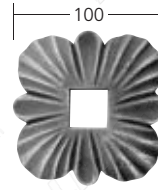




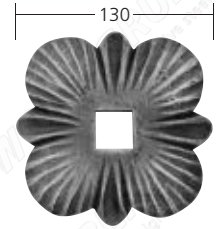
**40610** Mat. 6 mm  
0,36 kg



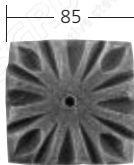
**40620** Mat. 6 mm  
0,62 kg



**40618** Mat. 6 mm  
0,32 kg  
∅25,5 mm



**40628** Mat. 6 mm  
0,58 kg  
∅25,5 mm



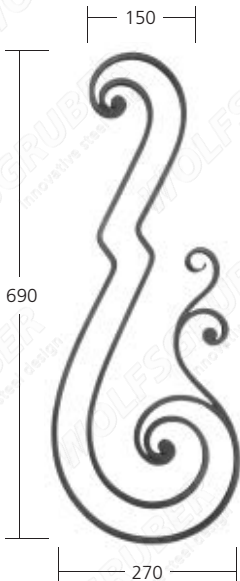
**40630** Mat. 8 mm  
0,40 kg



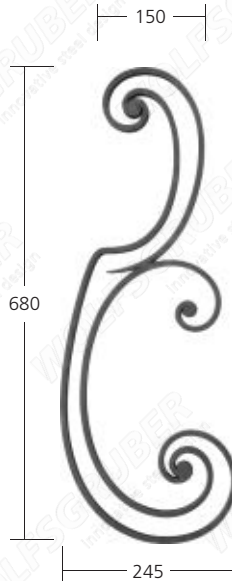
**40632** Mat. 8 mm  
0,40 kg



**40622** Mat. 6 mm  
0,34 kg

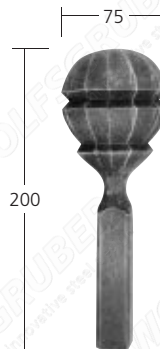


**11242** Mat. 16x8 mm  
4,20 kg



**11244** Mat. 16x8 mm  
2,66 kg

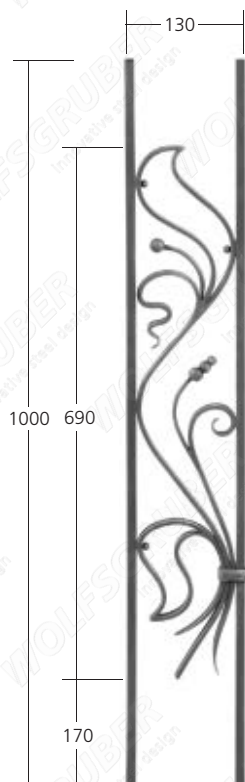
terminali a sfera · geländerkugeln · railing balls



**44010** ∅25 mm  
2,46 kg



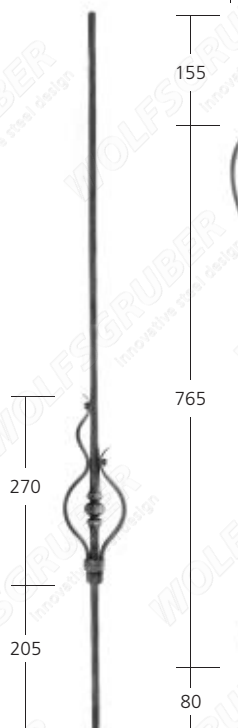
**44020** ∅25 mm  
2,82 kg



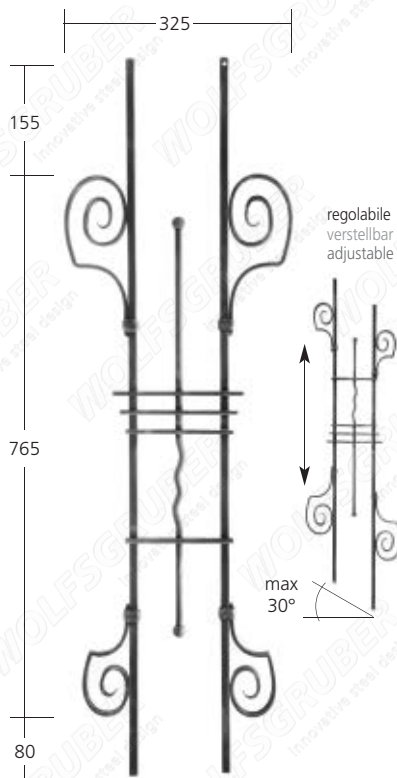
**17080**  $\varnothing 12$  mm  
3,66 kg



**17082**  $\varnothing 12$  mm  
1,52 kg



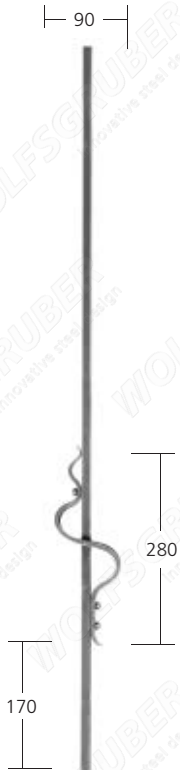
**17084**  $\varnothing 12$  mm  
1,52 kg



**17086**  $\varnothing 12$  mm  
4,46 kg







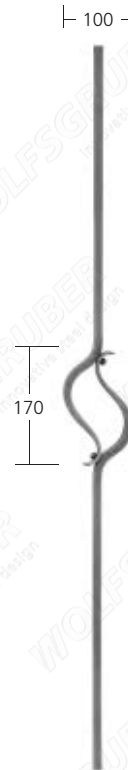
**17090** ∅12 mm  
1,38 kg



**17092** ∅12 mm  
1,20 kg



**17094** ∅12 mm  
1,1 kg



**17096** ∅12 mm  
1,4 kg

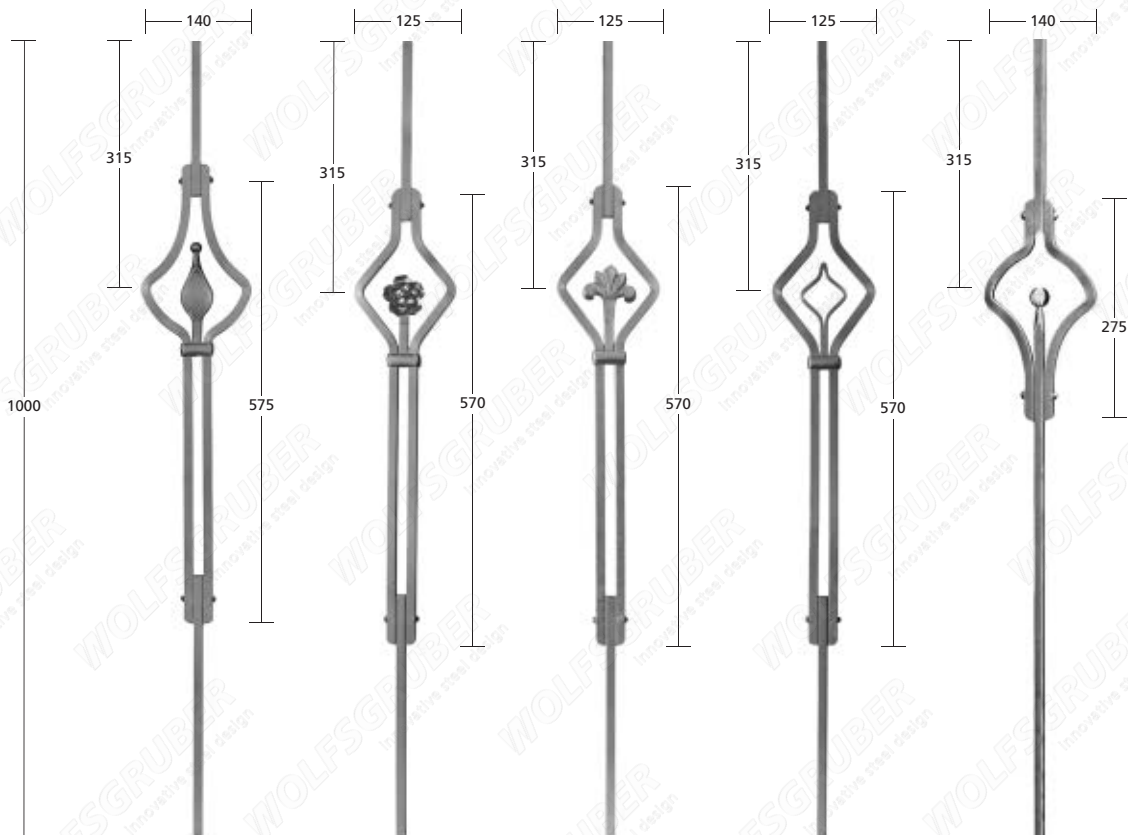


**17098** ∅12 mm  
1,5 kg





Trenta



17110  $\varnothing$ 12 mm

17112  $\varnothing$ 12 mm

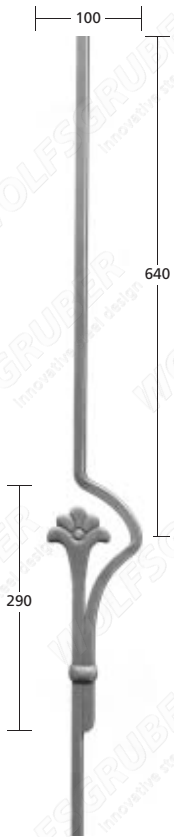
17114  $\varnothing$ 12 mm

17116  $\varnothing$ 12 mm

17117  $\varnothing$ 12 mm







17119  $\varnothing$  12 mm



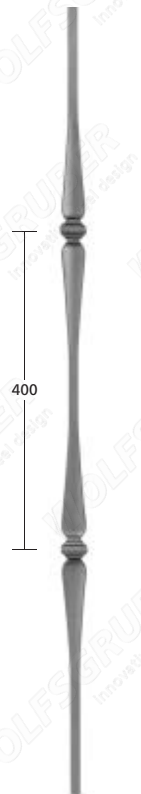
17120  $\varnothing$  12 mm



17121  $\varnothing$  12 mm



17150  $\varnothing$  12 mm

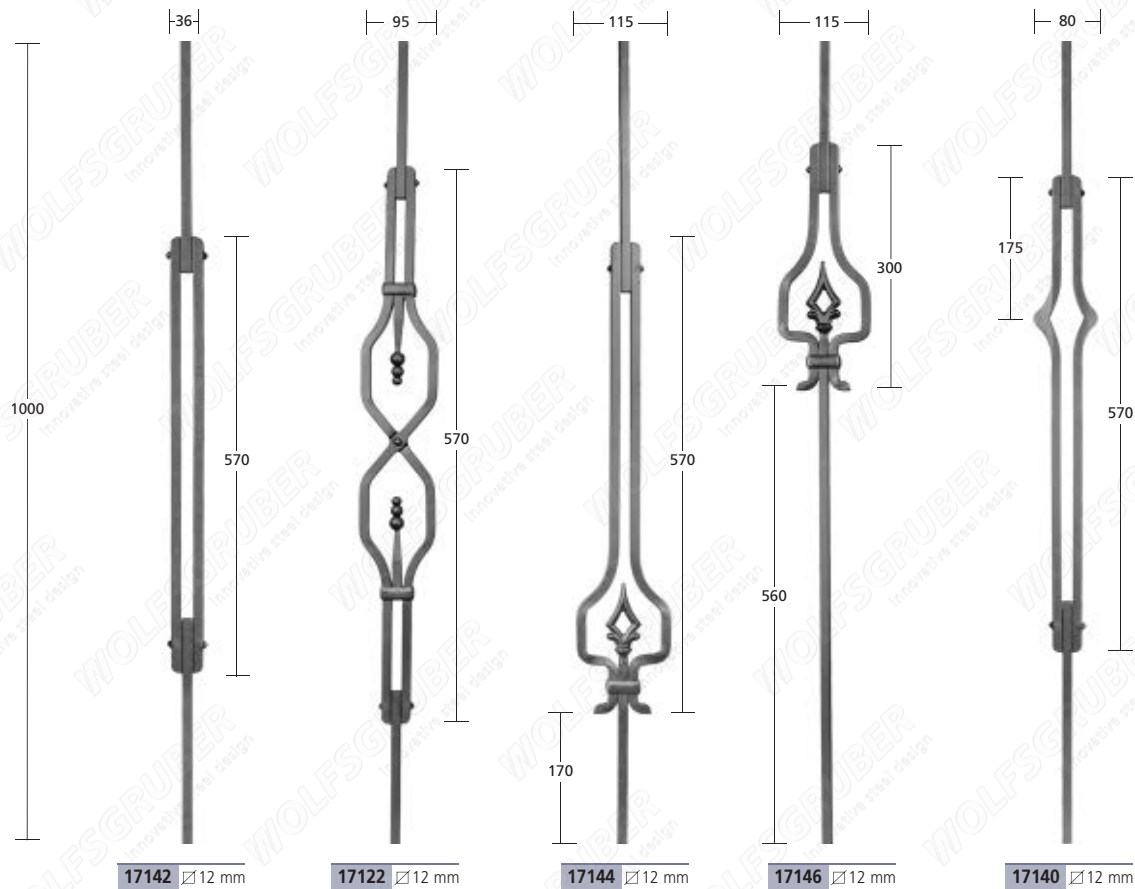


17151  $\varnothing$  12 mm

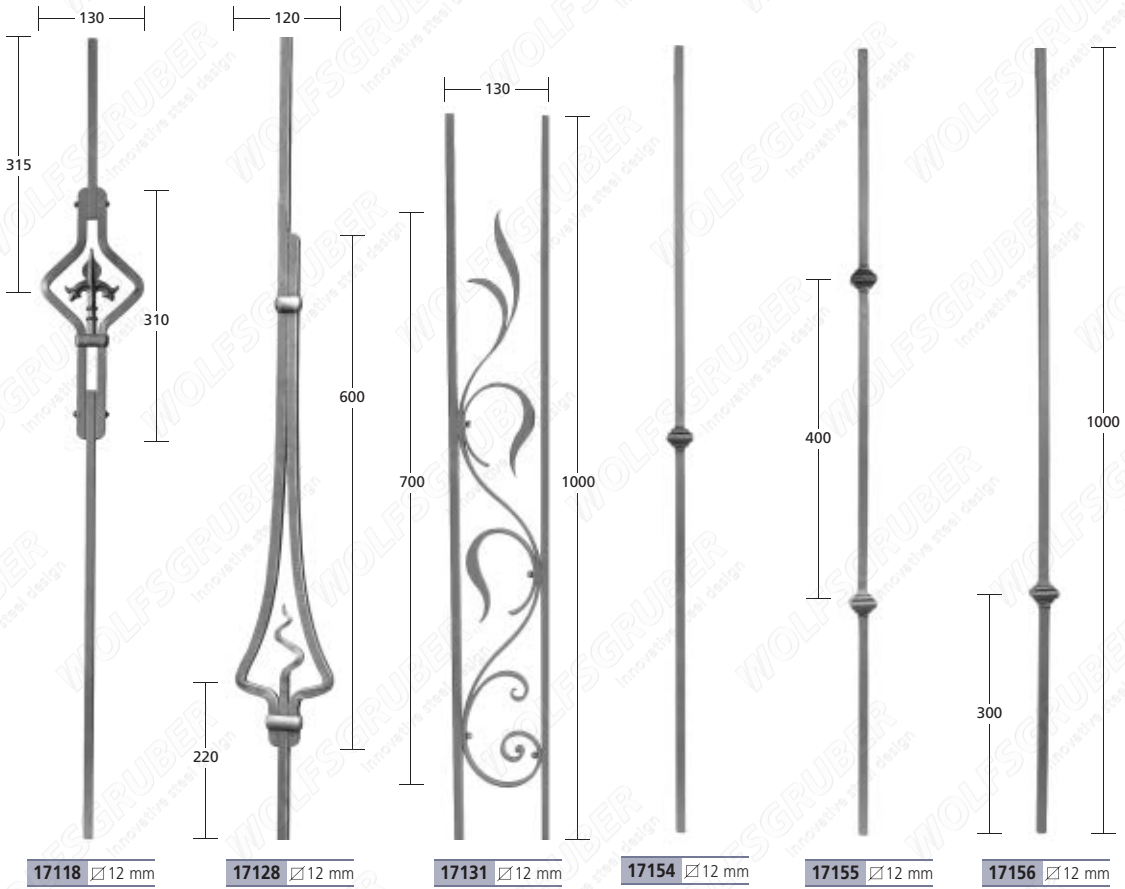




Trenta



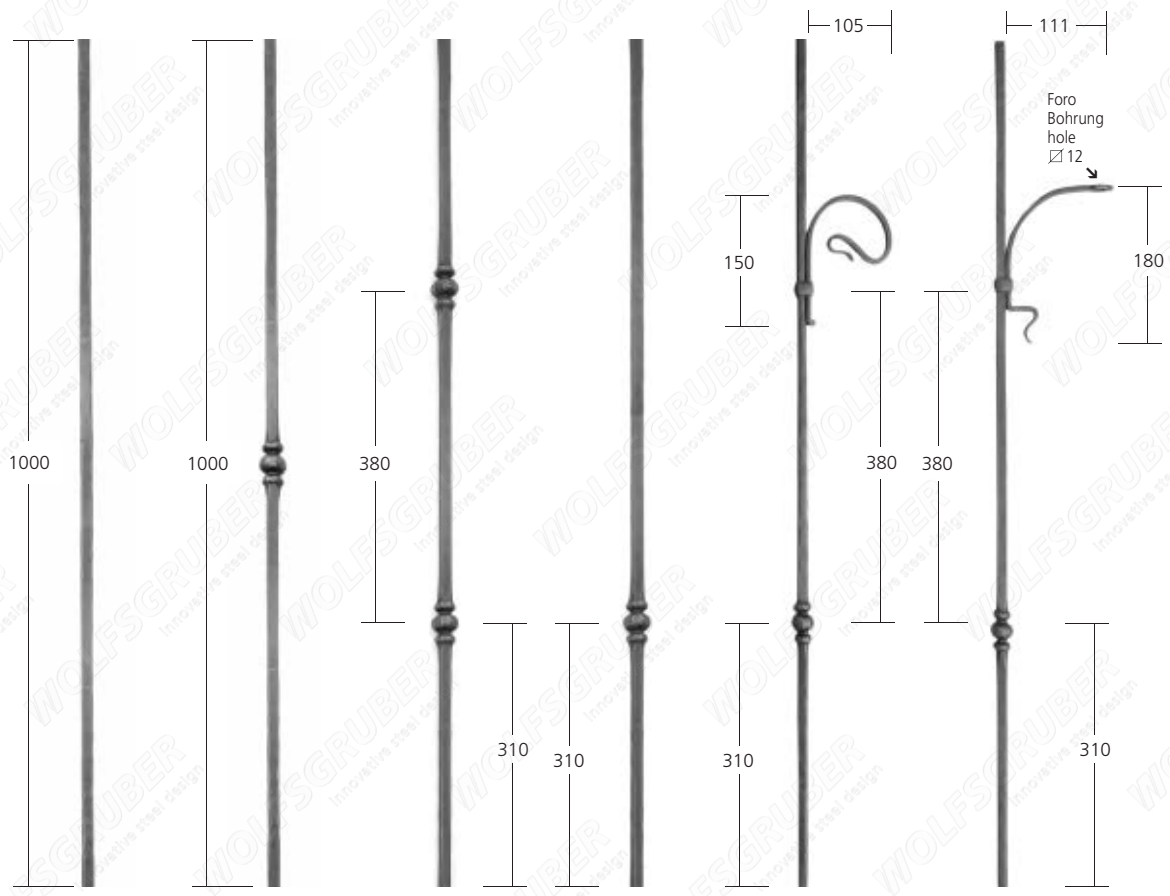






# PALETTI · ZIERSTÄBE · ORNAMENTAL RODS

forgiato a mano · handgeschmiedet · hand forged



**12464** ∅12 mm  
1,00 kg

**12465** ∅12 mm  
1,10 kg

**12466** ∅12 mm  
1,18 kg

**12467** ∅12 mm  
1,10 kg

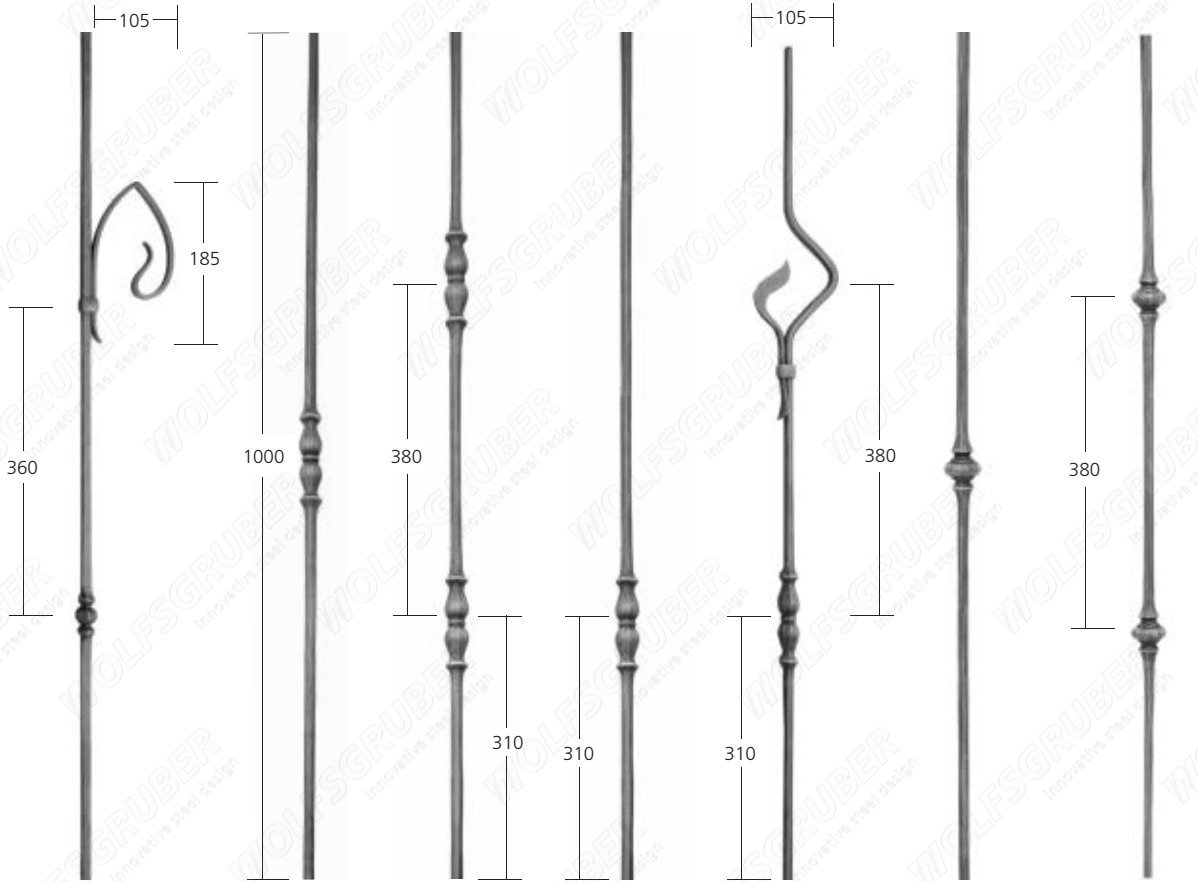
**12468** ∅12 mm  
1,28 kg

**12469** ∅12 mm  
1,25 kg





forgiato a mano · handgeschmiedet · hand forged



**12470**  $\square$  12 mm  
1,32 kg

**12472**  $\varnothing$  12 mm  
1,05 kg

**12473**  $\varnothing$  12 mm  
1,25 kg

**12471**  $\varnothing$  12 mm  
1,05 kg

**12476**  $\varnothing$  12 mm  
1,1 kg

**12457**  $\varnothing$  12 mm  
1,00 kg

**12458**  $\varnothing$  12 mm  
1,17 kg





# PALETTI · ZIERSTÄBE · ORNAMENTAL RODS

forgiato a mano · handgeschmiedet · hand forged



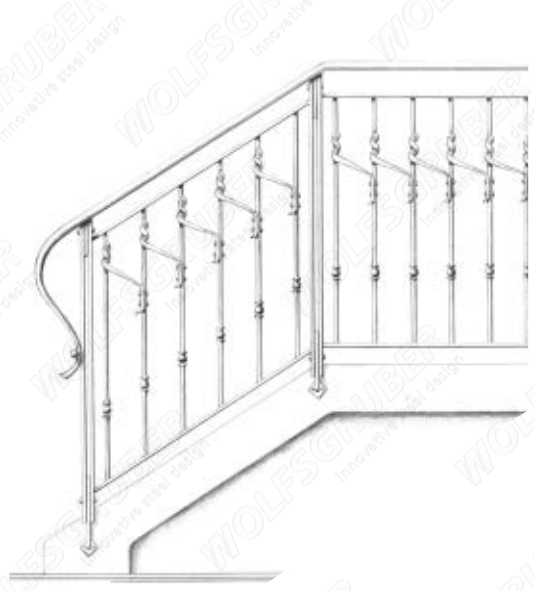
**12477** Ø 14 mm  
1,33 kg  
liscio · glatt · smooth

**12478** Ø 14 mm  
1,72 kg  
liscio · glatt · smooth

**12479** Ø 14 mm  
1,33 kg  
liscio · glatt · smooth

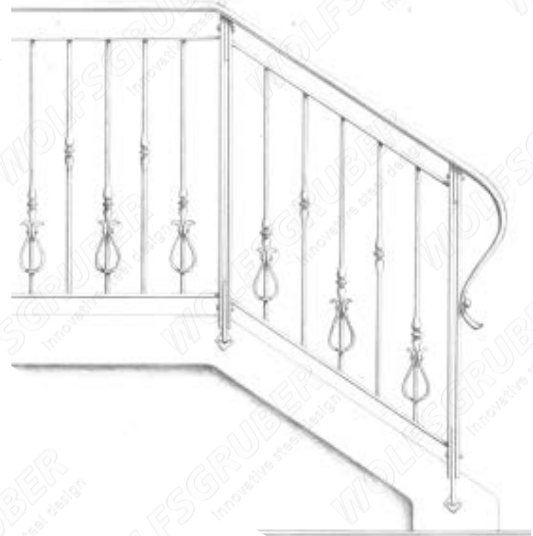
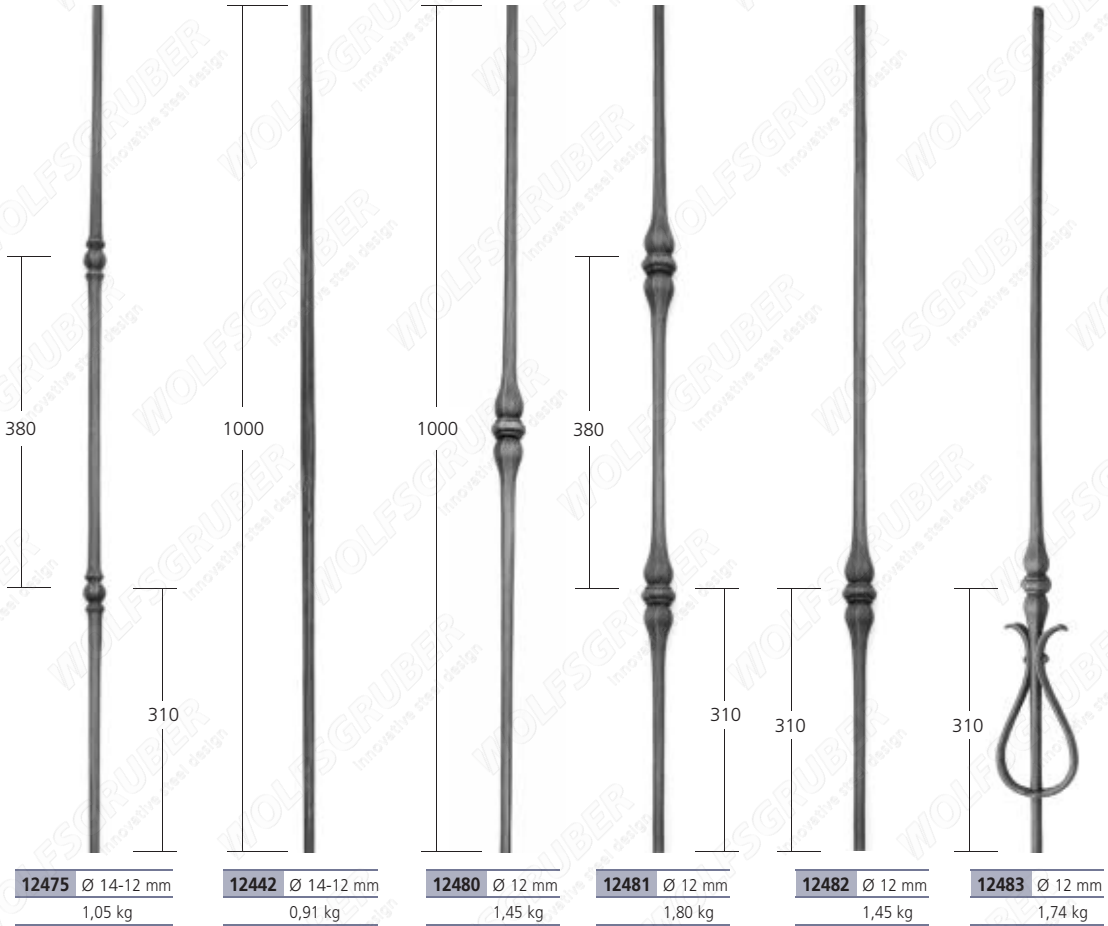
**12486** Ø 14 mm  
1,46 kg  
liscio · glatt · smooth

**12474** Ø 14-12 mm  
0,98 kg  
liscio · glatt · smooth





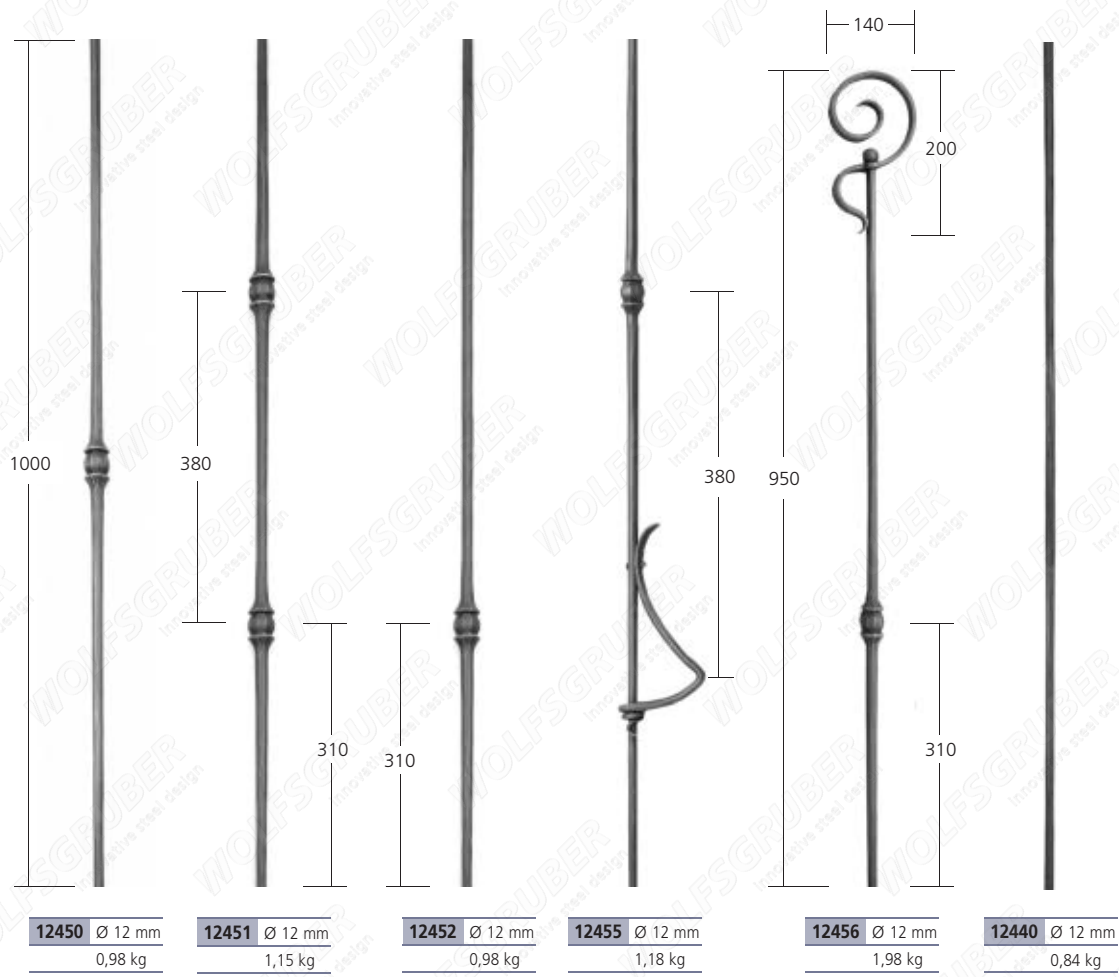
forgiato a mano · handgeschmiedet · hand forged





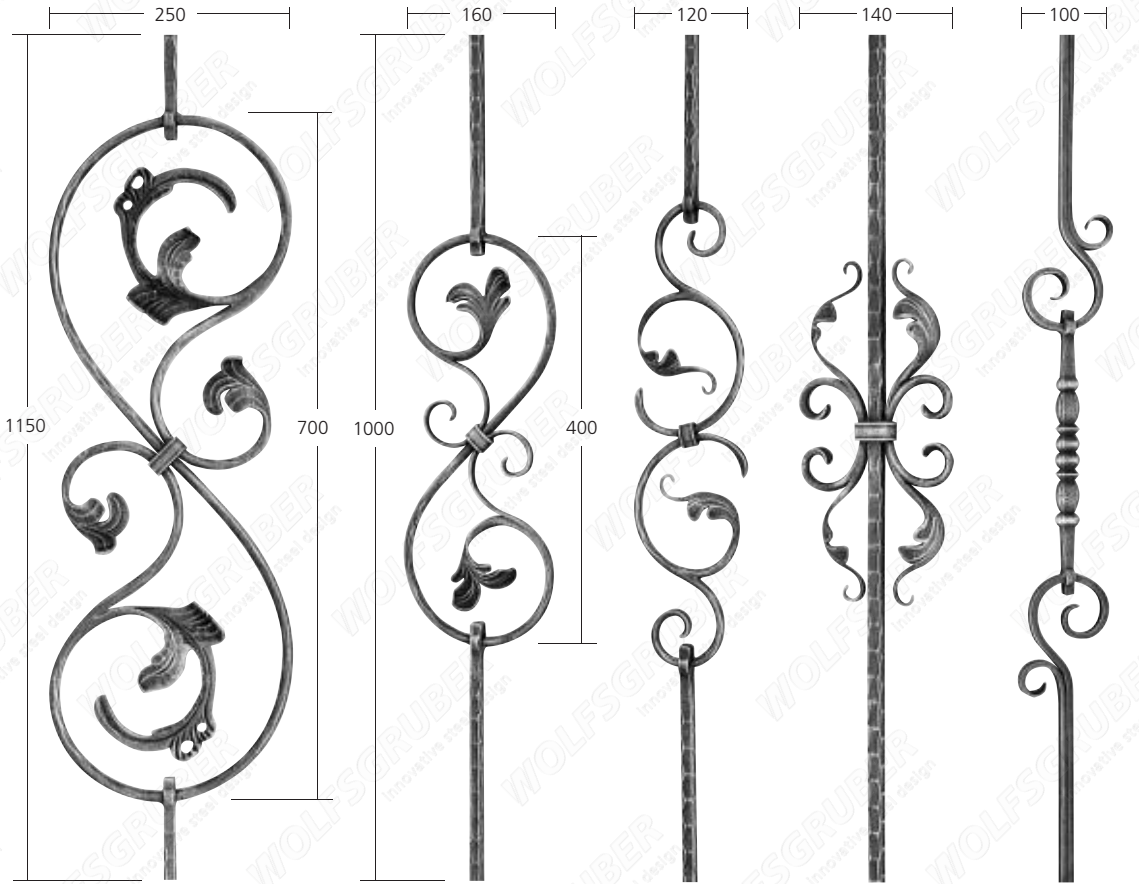
# PALETTI · ZIERSTÄBE · ORNAMENTAL RODS

forgiato a mano · handgeschmiedet · hand forged





forgiato a mano · handgeschmiedet · hand forged



**12102**  $\varnothing 14$  mm  
3,20 kg

**12104**  $\varnothing 14$  mm  
1,48 kg

**12106**  $\varnothing 14$  mm  
1,42 kg

**12108**  $\varnothing 14$  mm  
1,74 kg

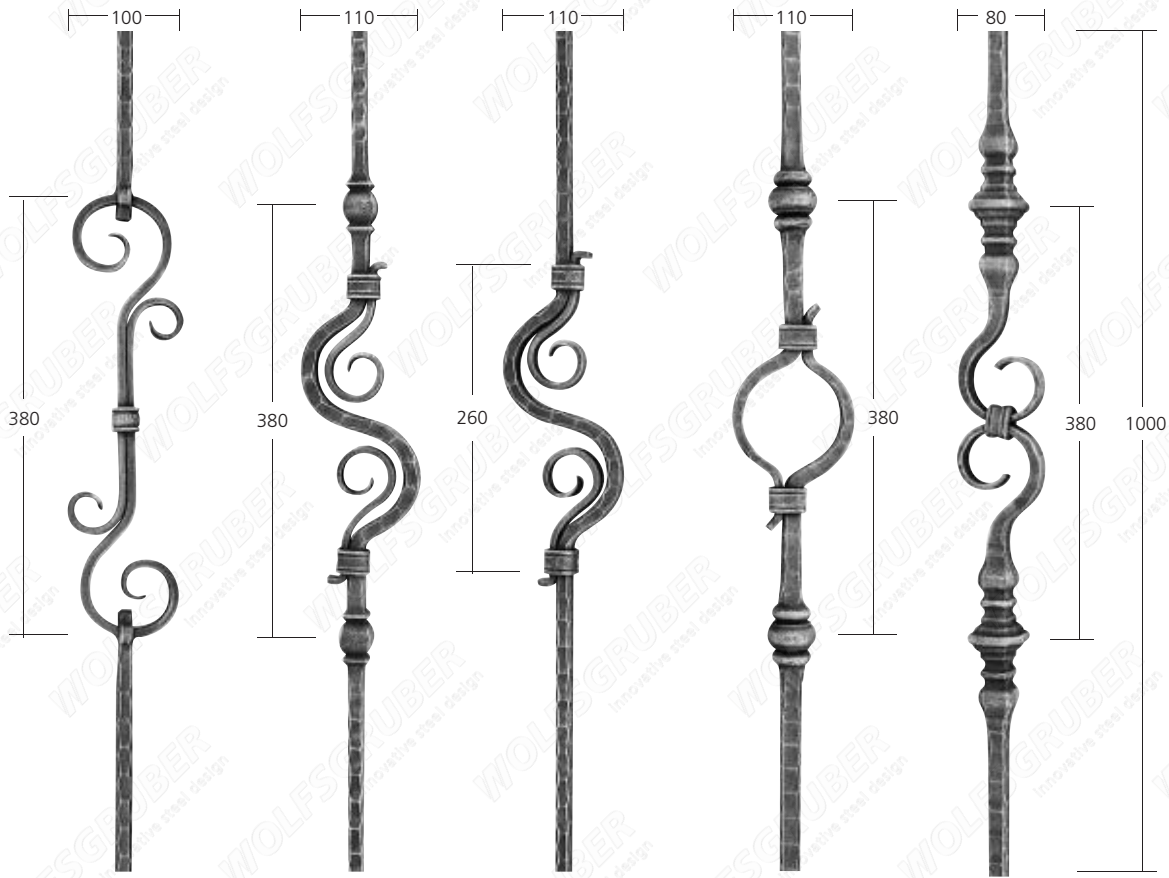
**12204**  $\varnothing 14$  mm  
1,93 kg





# PALETTI · ZIERSTÄBE · ORNAMENTAL RODS

forgiato a mano · handgeschmiedet · hand forged



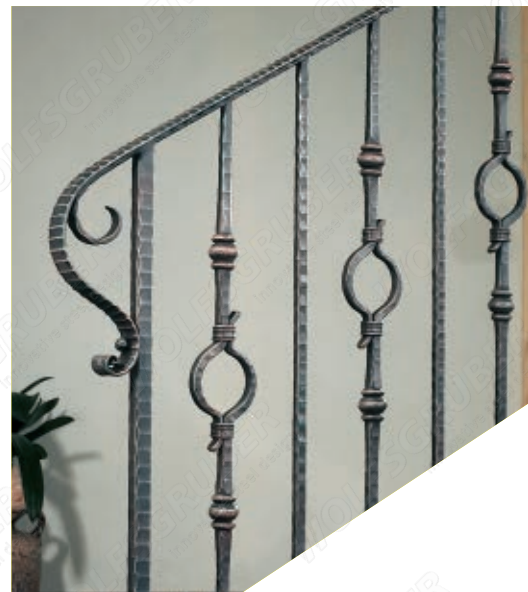
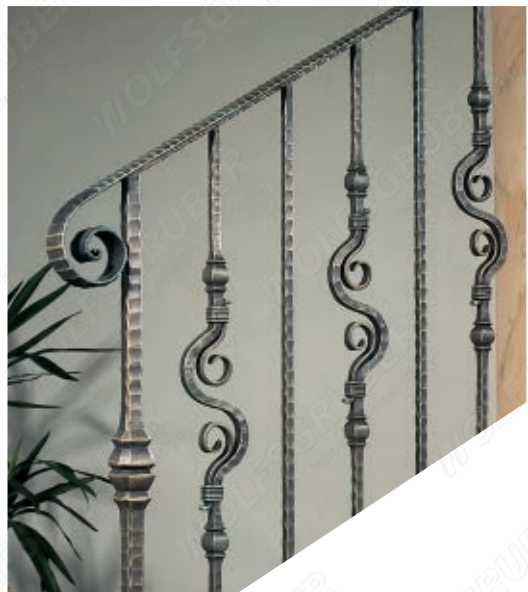
**12206**  $\varnothing$  14 mm  
1,63 kg

**12208**  $\varnothing$  14 mm  
2,32 kg

**12210**  $\varnothing$  14 mm  
1,70 kg

**12302**  $\varnothing$  14 mm  
3,04 kg

**12304**  $\varnothing$  14 mm  
3,52 kg

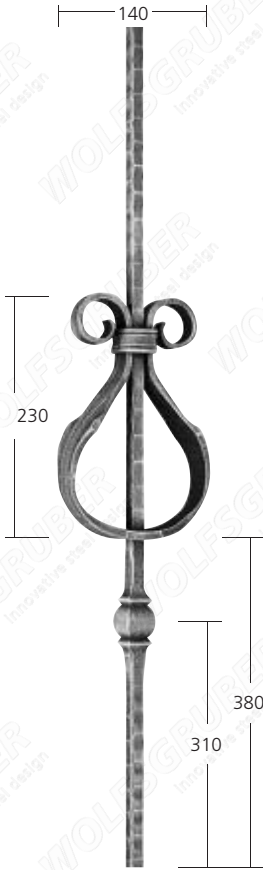




forgiato a mano · handgeschmiedet · hand forged



**12310** ∅ 14 mm  
2,48 kg



**12312** ∅ 14 mm  
2,56 kg



**12314** ∅ 14 mm  
1,65 kg



**12306** ∅ 14 mm  
2,34 kg

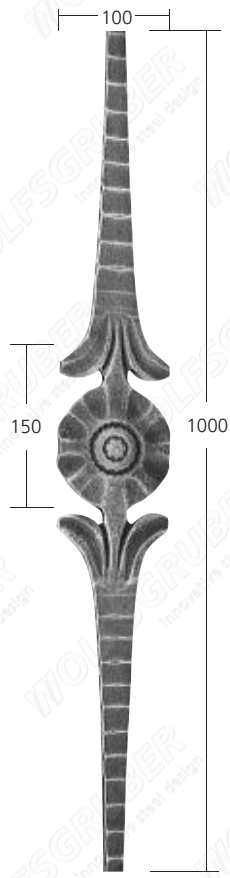


**12308** ∅ 14 mm  
2,32 kg

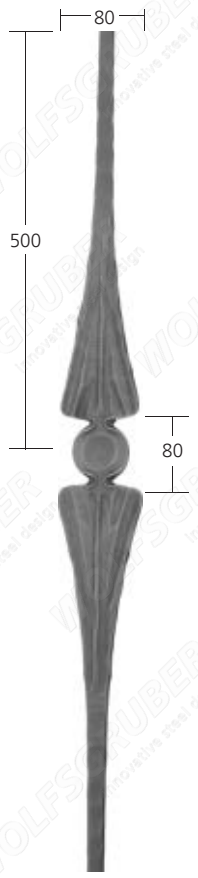




# PALETTI · ZIERSTÄBE · ORNAMENTAL RODS



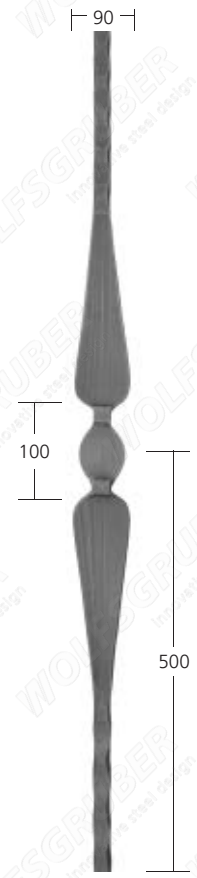
**12316** Mat. 8x18 mm  
2,52 kg



**12318** Mat. 14x14 mm  
2,35 kg



**12320** Mat. 20x12 mm  
2,30 kg



**12322** Mat. 14x14 mm  
1,75 kg



**12324** Mat. 12x12 mm  
2,30 kg





1000



**12401** ∅14 mm  
1,48 kg

380



**12402** ∅14 mm  
1,70 kg

690



**12403** ∅14 mm  
1,48 kg

380



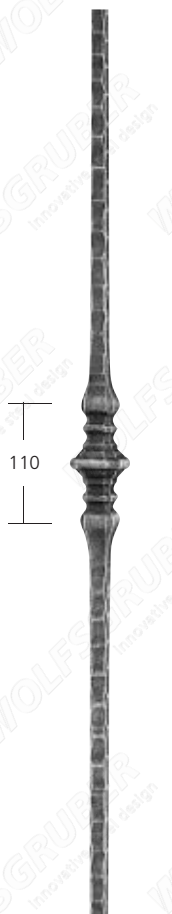
**12405** ∅14 mm  
1,54 kg

**12406** ∅14 mm  
1,78 kg





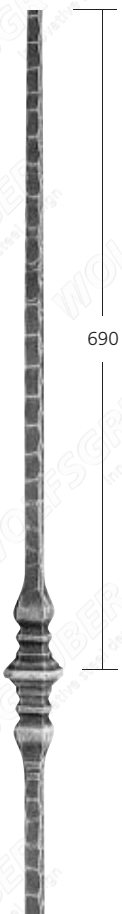
# PALETTI · ZIERSTÄBE · ORNAMENTAL RODS



**12408** ∅14 mm  
2,40 kg



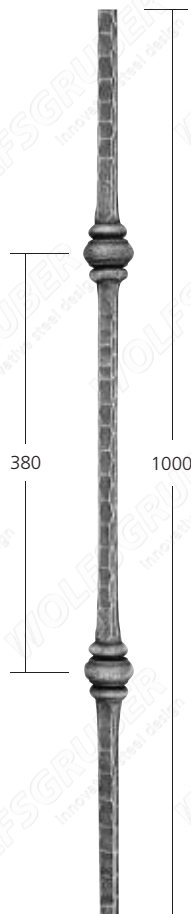
**12409** ∅14 mm  
3,12 kg



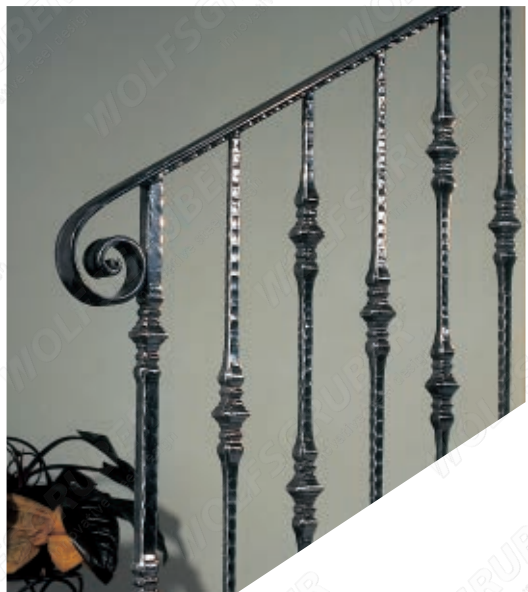
**12410** ∅14 mm  
2,40 kg



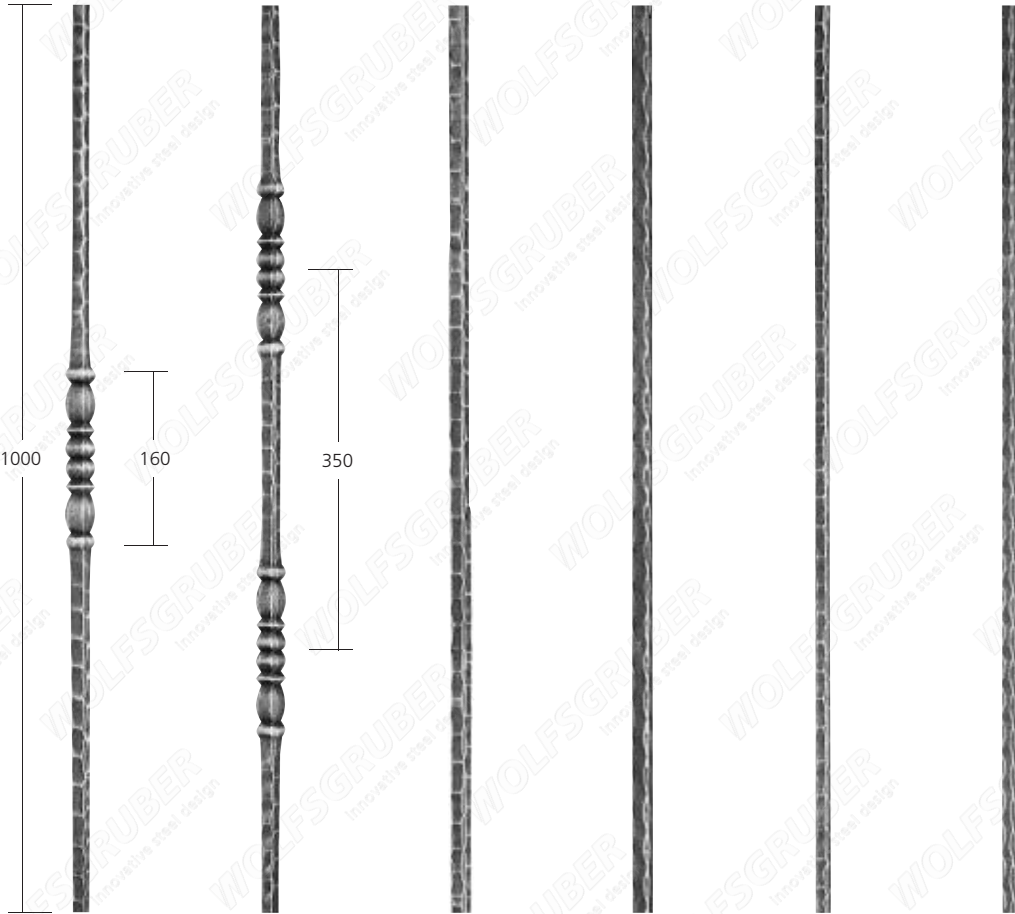
**12412** ∅14 mm  
2,20 kg



**12413** ∅14 mm  
2,50 kg







**12416** ∅ 14 mm  
1,50 kg

**12417** ∅ 14 mm  
1,46 kg

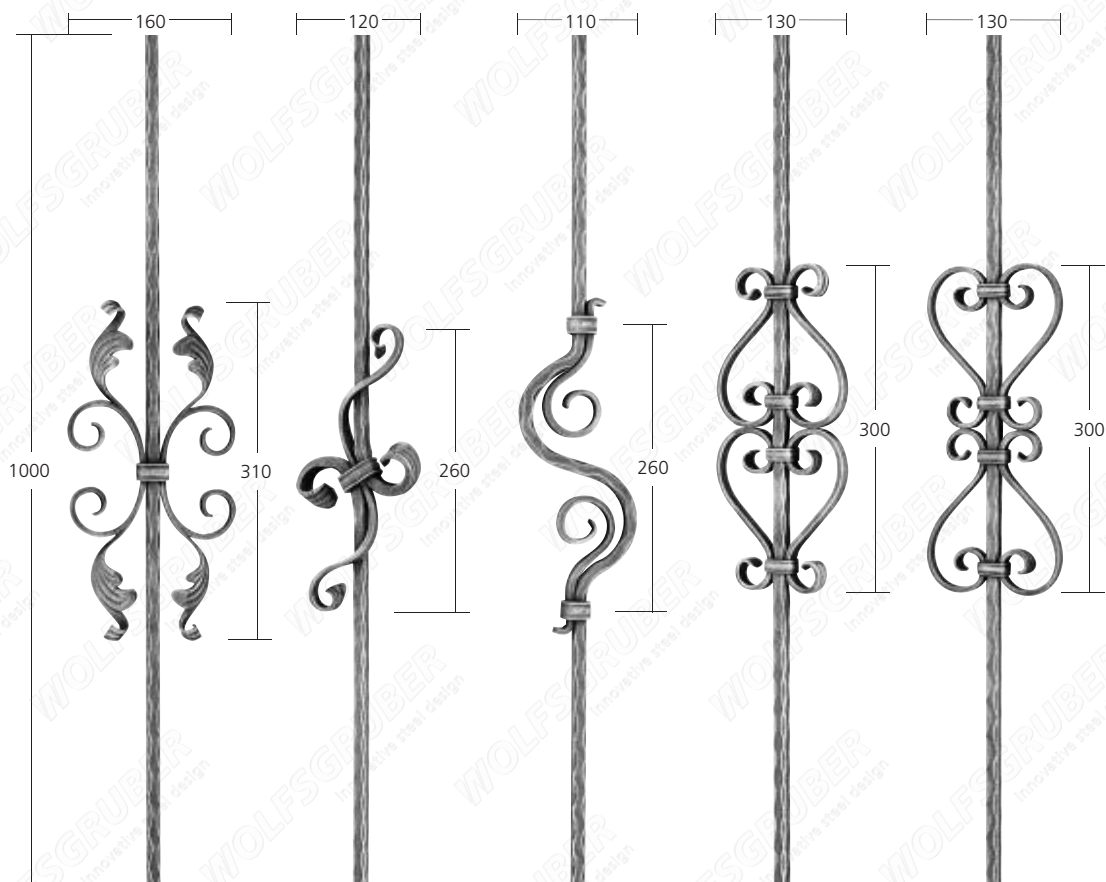
**12420** ∅ 14 mm  
1,46 kg

**12422** ∅ 14 mm  
1,50 kg

**12502** ∅ 12 mm  
1,06 kg

**12504** ∅ 12 mm  
1,02 kg





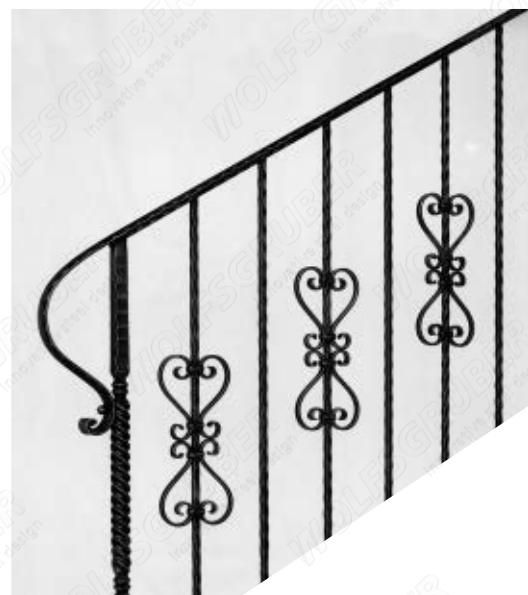
**12510**  $\varnothing$ 12 mm  
1,68 kg

**12512**  $\varnothing$ 12 mm  
1,46 kg

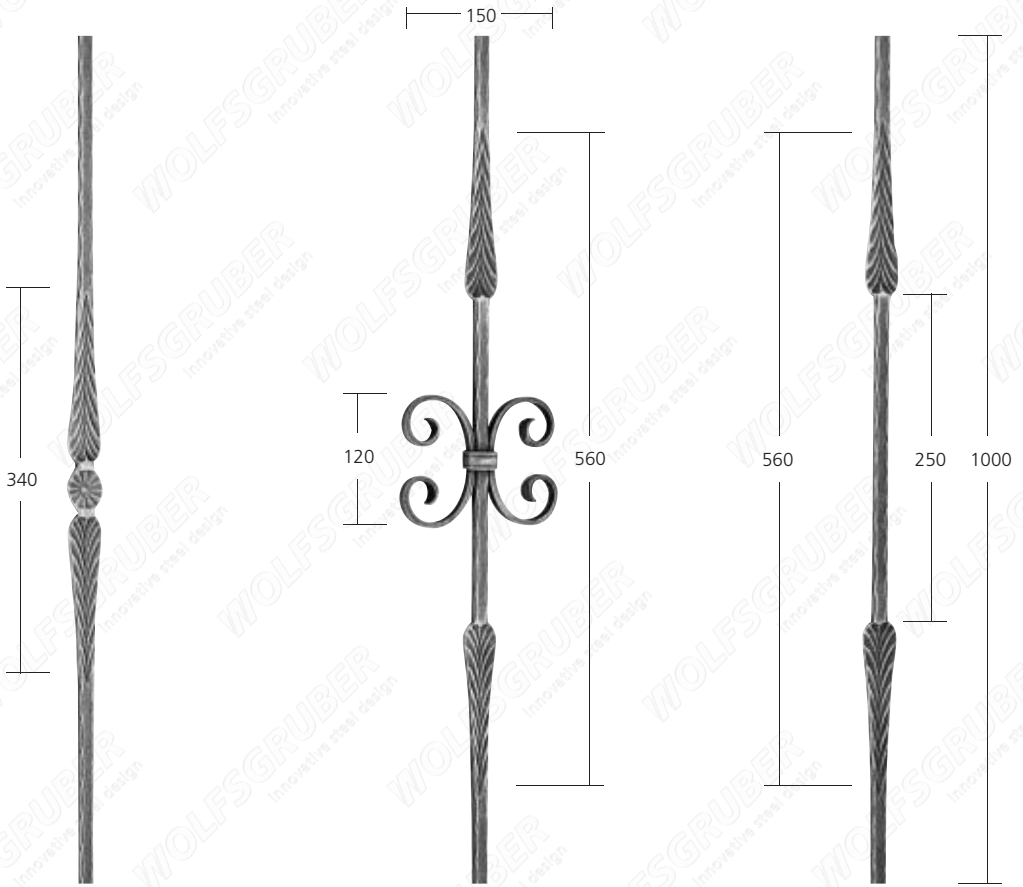
**12514**  $\varnothing$ 12 mm  
1,36 kg

**12516**  $\varnothing$ 12 mm  
1,75 kg

**12518**  $\varnothing$ 12 mm  
1,75 kg





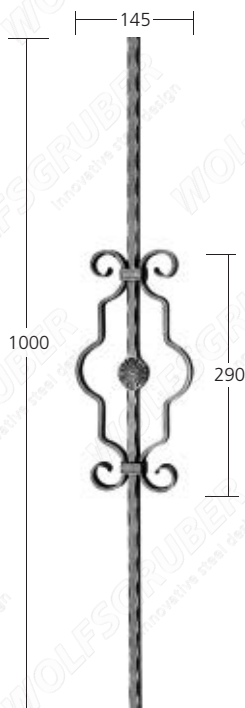


**12528**  $\varnothing 12$  mm  
1,11 kg

**12532**  $\varnothing 12$  mm  
1,46 kg

**12529**  $\varnothing 12$  mm  
1,11 kg





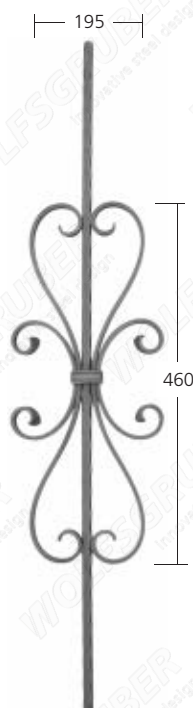
12540  $\varnothing$ 12 mm  
1,62 kg



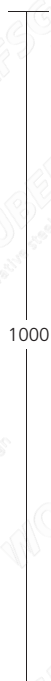
12542  $\varnothing$ 12 mm  
3,04 kg



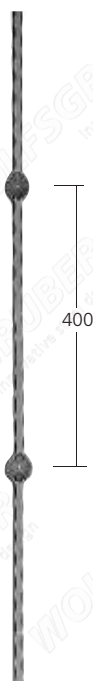
12544  $\varnothing$ 12 mm  
1,50 kg



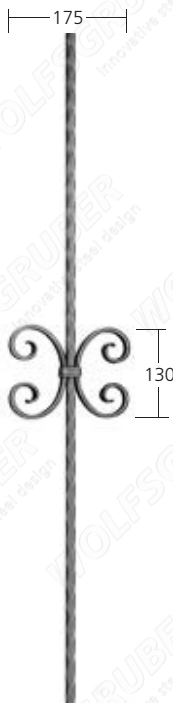
12545  $\varnothing$ 12 mm  
2,00 kg



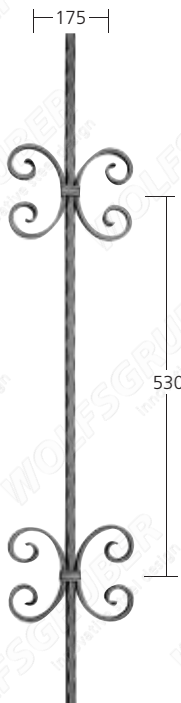
12546  $\varnothing$ 12 mm  
1,09 kg



12548  $\varnothing$ 12 mm  
1,12 kg



12550  $\varnothing$ 12 mm  
1,54 kg



12552  $\varnothing$ 12 mm  
1,96 kg

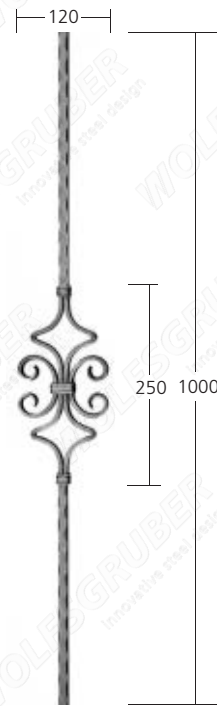




**12560** ∅12 mm  
1,48 kg



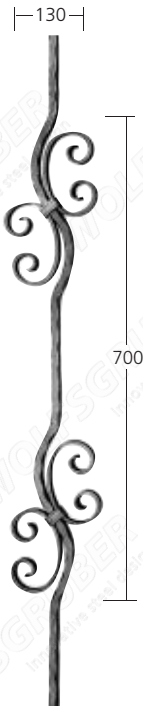
**12562** ∅12 mm  
1,54 kg



**12564** ∅12 mm  
1,48 kg



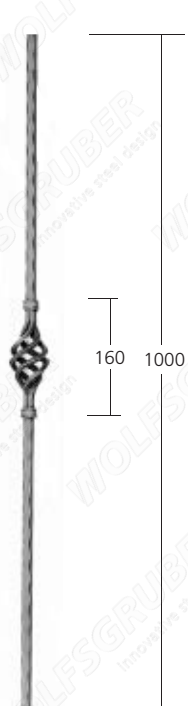
**12566** ∅12 mm  
1,46 kg



**12568** ∅12 mm  
1,80 kg



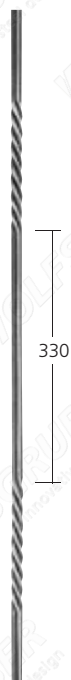
**12570** ∅12 mm  
1,44 kg



**12572** ∅12 mm  
1,18 kg



**12602** 12 mm  
0,97 kg



**12604** 12 mm  
0,97 kg



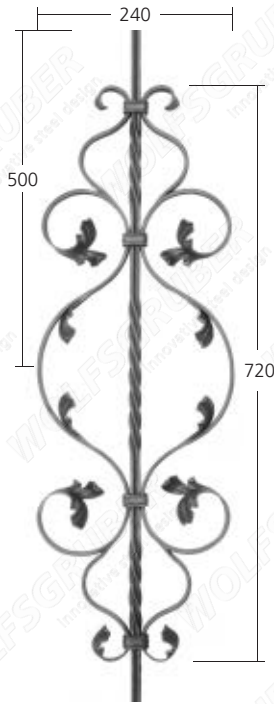
**12610** 12 mm  
1,14 kg



**12612** 12 mm  
1,26 kg



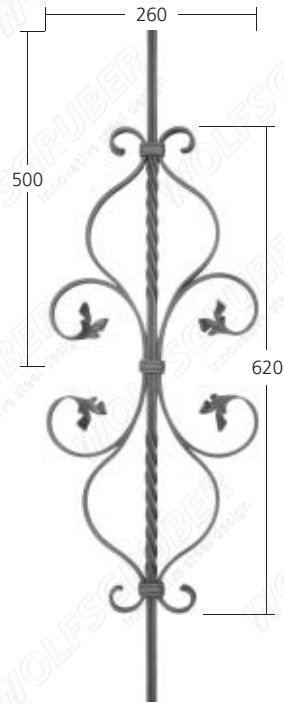




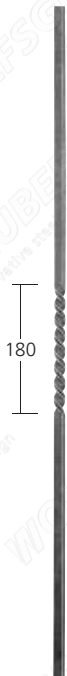
**12620** 12 mm  
2,40 kg



**12621** 12 mm  
2,30 kg



**12622** 12 mm  
2,10 kg



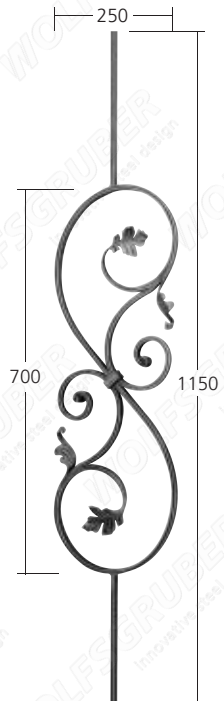
**12640** 16x8 mm  
0,88 kg



**12642** 16x8 mm  
0,88 kg



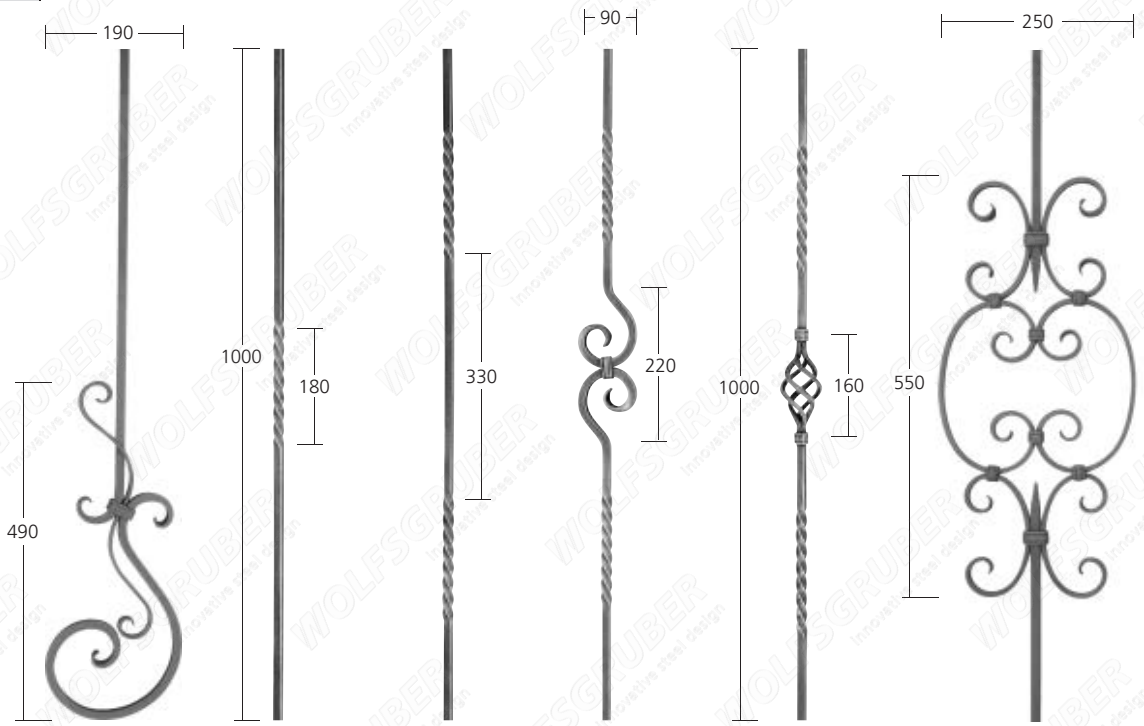
**12650** 16x8 mm  
1,86 kg



**12652** 16x8 mm  
3,20 kg



# PALETTI · ZIERSTÄBE · ORNAMENTAL RODS



**12700** ∅12 mm  
**12701** ∅12 mm

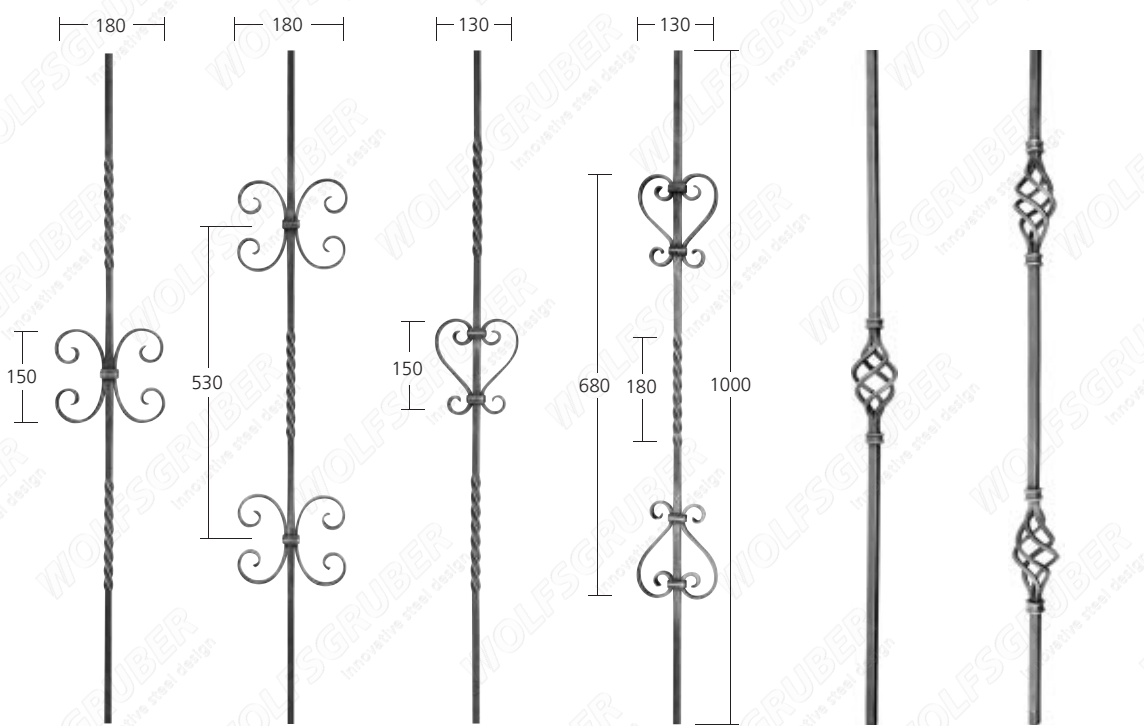
**12702** ∅12 mm  
1,14 kg

**12704** ∅12 mm  
1,14 kg

**12710** ∅12 mm  
1,48 kg

**12712** ∅12 mm  
1,24 kg

**12713** ∅12 mm  
2,55 kg



**12714** ∅12 mm  
1,56 kg

**12716** ∅12 mm  
1,96 kg

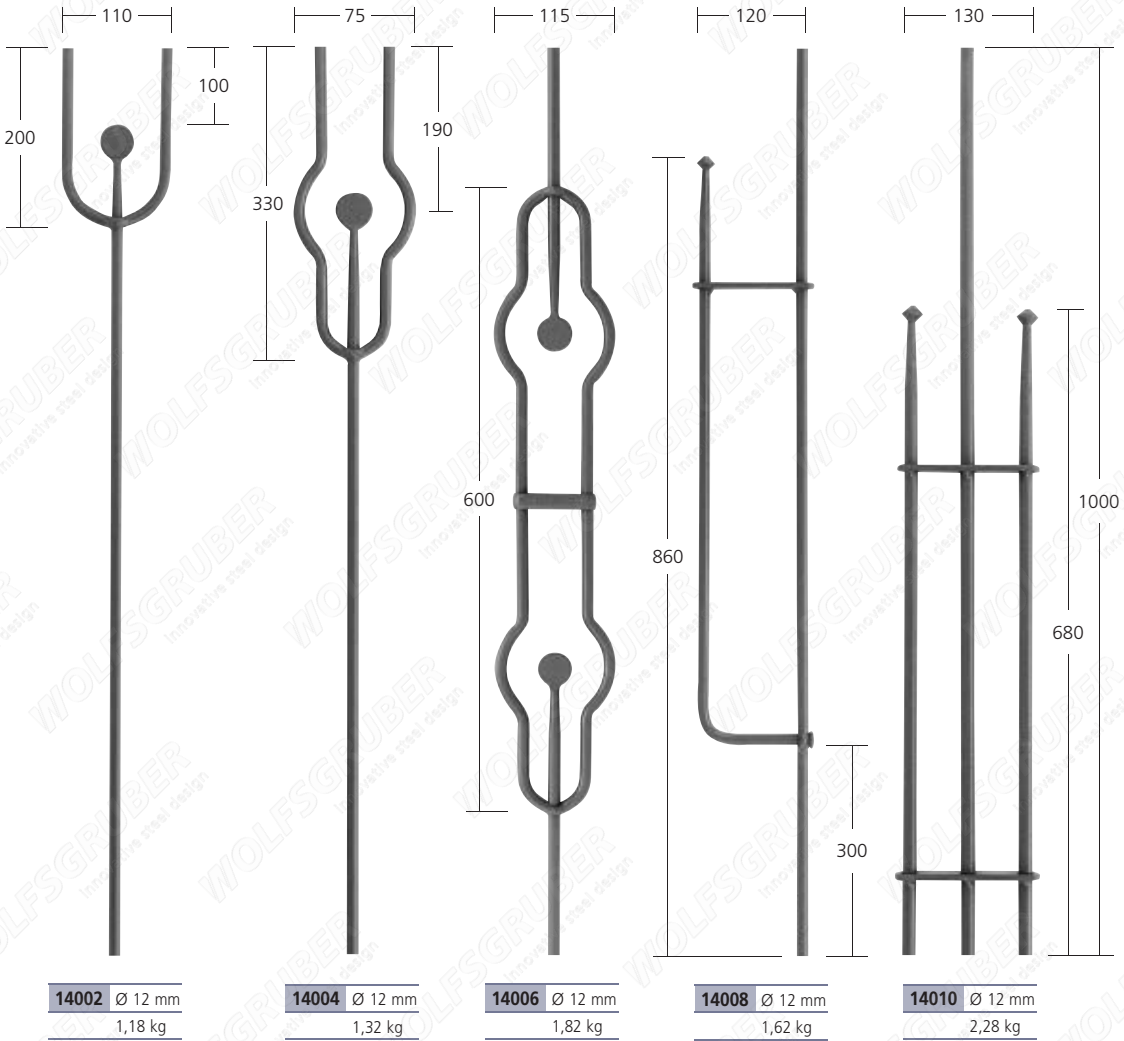
**12718** ∅12 mm  
1,48 kg

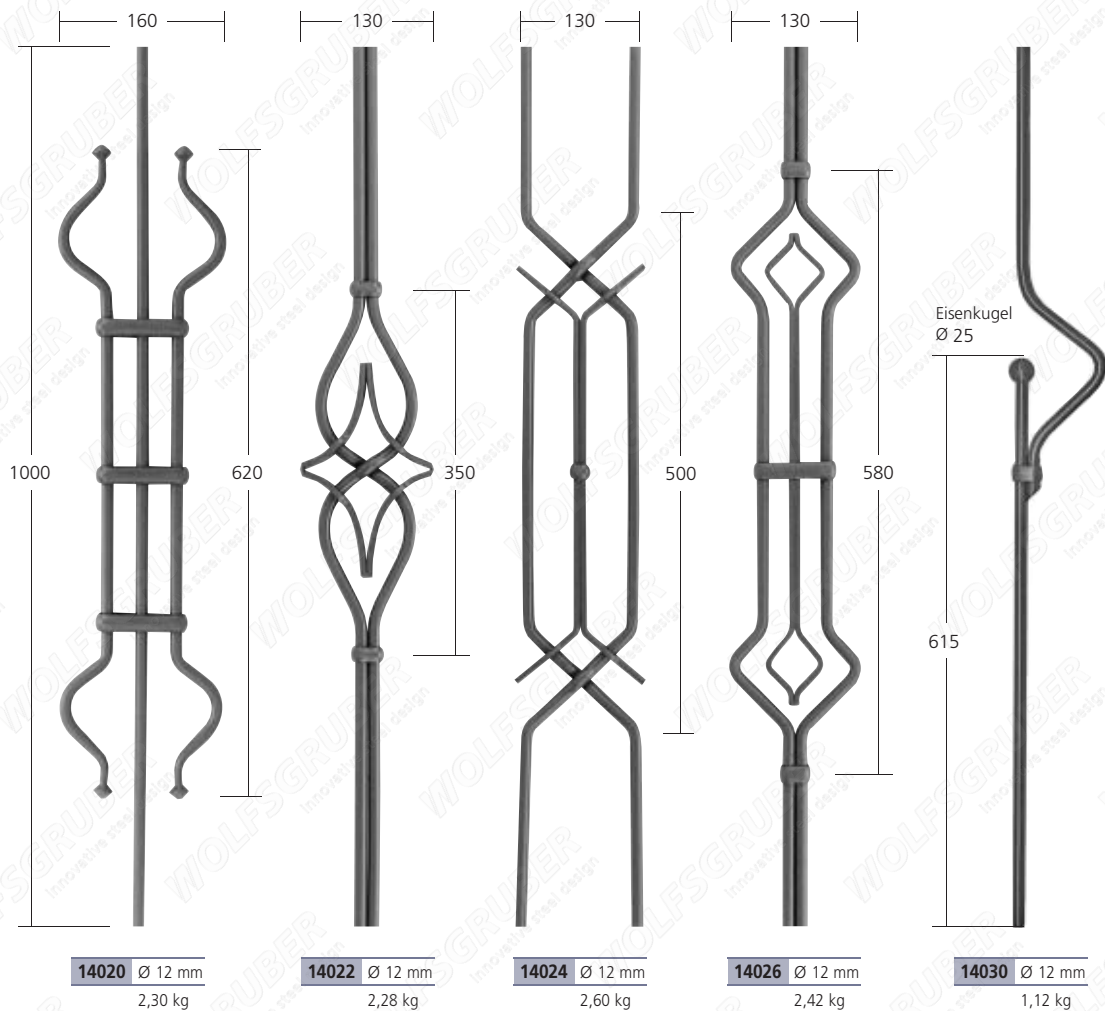
**12720** ∅12 mm  
1,80 kg

**12740** ∅12 mm

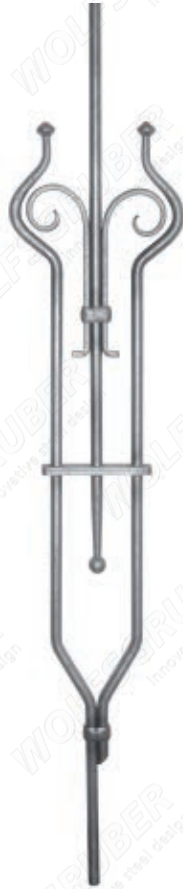
**12742** ∅12 mm









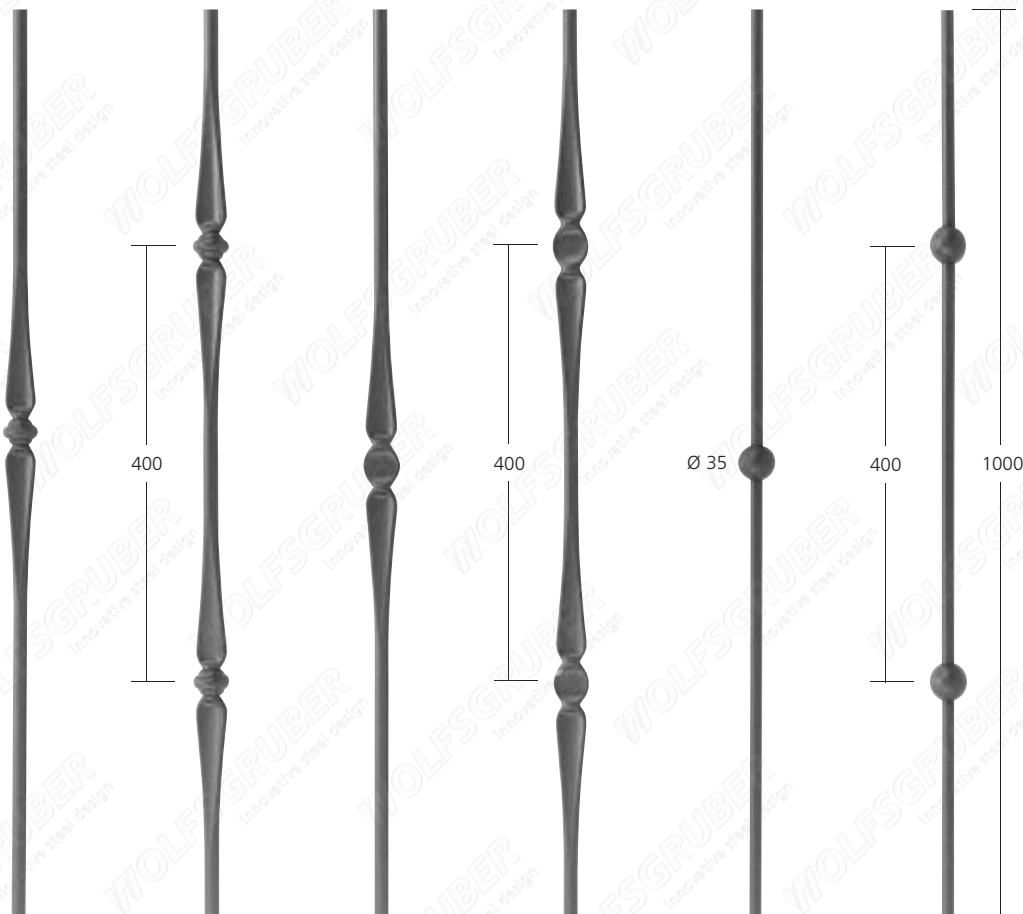


**14015** Ø 12 mm  
2,38 kg





# PALETTI · ZIERSTÄBE · ORNAMENTAL RODS



<b>14200</b>	Ø 12	0,93 kg
<b>14202</b>	Ø 14	1,28 kg

<b>14201</b>	Ø 12	1,02 kg
<b>14203</b>	Ø 14	1,36 kg

<b>14210</b>	Ø 14 mm	1,20 kg
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<b>14211</b>	Ø 14 mm	1,20 kg
--------------	---------	---------

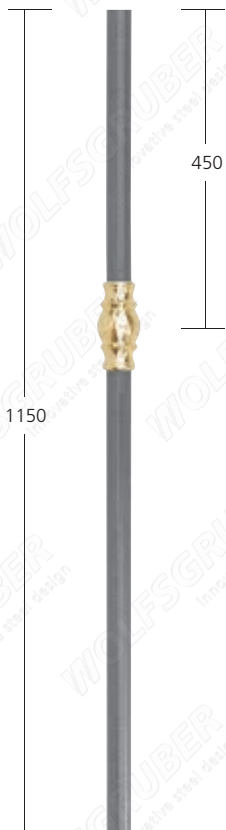
<b>14220</b>	Ø 12 mm	1,04 kg
--------------	---------	---------

<b>14221</b>	Ø 12 mm	1,16 kg
--------------	---------	---------





borchie in ottone lucidate e verniciate a forno · Messinghülsen hochglanzpoliert und einbrennlackiert  
 enveloping bodies of brass highly polished and stove enamelled



**11435** Ø 25 mm  
4,80 kg



**11440** Ø 25 mm  
4,80 kg



**11455** Ø 25 mm  
4,90 kg



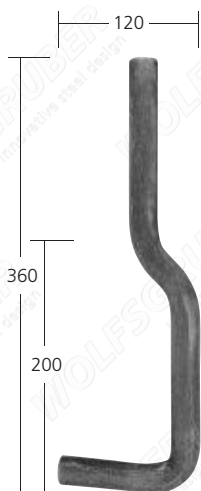
**11456** Ø 25 mm  
4,90 kg



**11835** Mat. Ø 105x1x25 mm  
0,09 kg  
foro Loch · hole Ø 25,5 mm



**11830** Mat. Ø 100x6 mm  
0,34 kg  
foro Loch · hole Ø 25,5 mm



**11320** Ø 25 mm  
1,70 kg



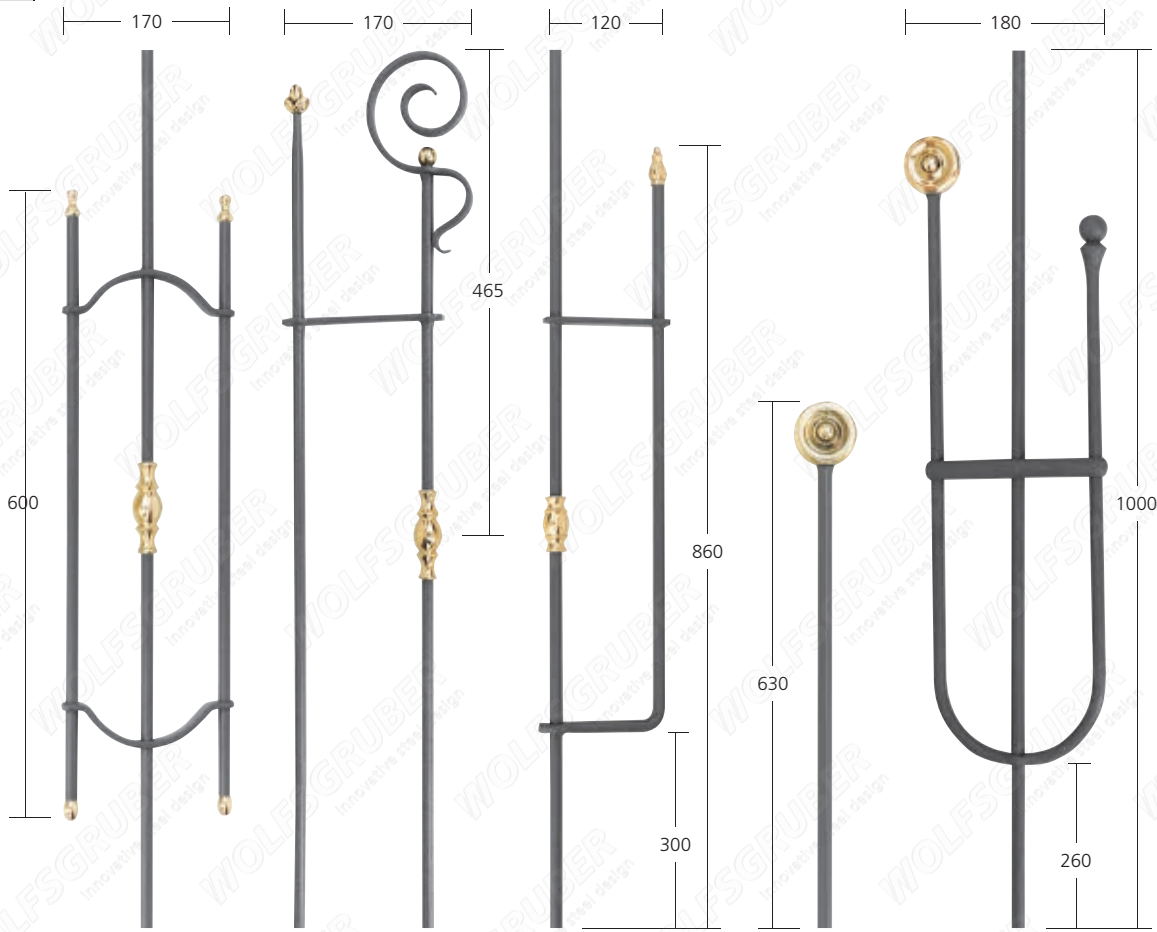
**11810** Ø 25 mm  
2,34 kg



distanza dal muro: 40 mm  
Wandabstand: 40 mm  
distance to wall: 40 mm



**11815** foro Loch · hole Ø 25 mm  
1,00 kg



**15002** Ø 12 mm  
2,44 kg

**15004** Ø 12 mm  
2,22 kg

**15006** Ø 12 mm  
1,64 kg

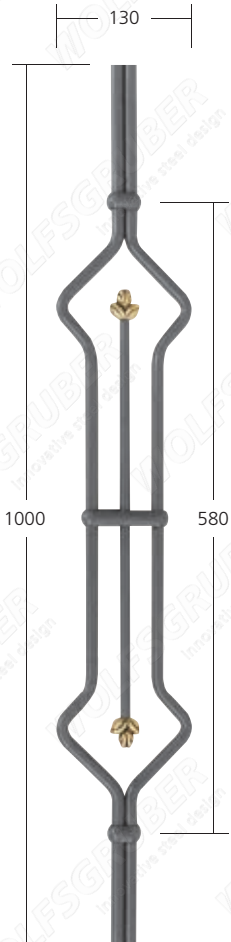
**15008** Ø 12 mm  
0,64 kg

**15010** Ø 12 mm  
2,80 kg



**borchie in ottone lucidate e verniciate a forno ·  
Messinghülsen hochglanzpoliert und einbrennlackiert  
enveloping bodies of brass highly polished and stove  
enamelled**





**15012** Ø 12 mm  
2,30 kg



**15014** Ø 12 mm  
2,20 kg



**15016** Ø 14 mm  
1,35 kg



**15018** Ø 14 mm  
1,84 kg

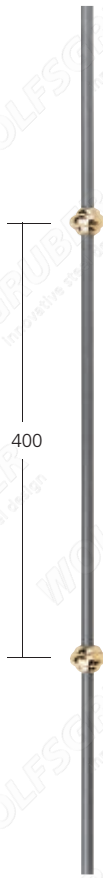
borchie in ottone lucidate e verniciate a forno ·  
Messinghülsen hochglanzpoliert und einbrennlackiert  
enveloping bodies of brass highly polished and stove  
enamelled





# PALETTI · ZIERSTÄBE · ORNAMENTAL RODS

borchie in ottone lucidate e verniciate a forno · Messinghülsen hochglanzpoliert und einbrennlackiert  
enveloping bodies of brass highly polished and stove enamelled



**15202** Ø 12 mm  
0,96 kg

**15203** Ø 12 mm  
1,06 kg

**15206** Ø 12 mm  
1,08 kg

**15208** Ø 12 mm  
1,10 kg

**15212** Ø 12 mm  
1,20 kg





















borchie in ottone lucidate e verniciate a forno · Messinghülsen hochglanzpoliert und einbrennlackiert  
 enveloping bodies of brass highly polished and stove enamelled

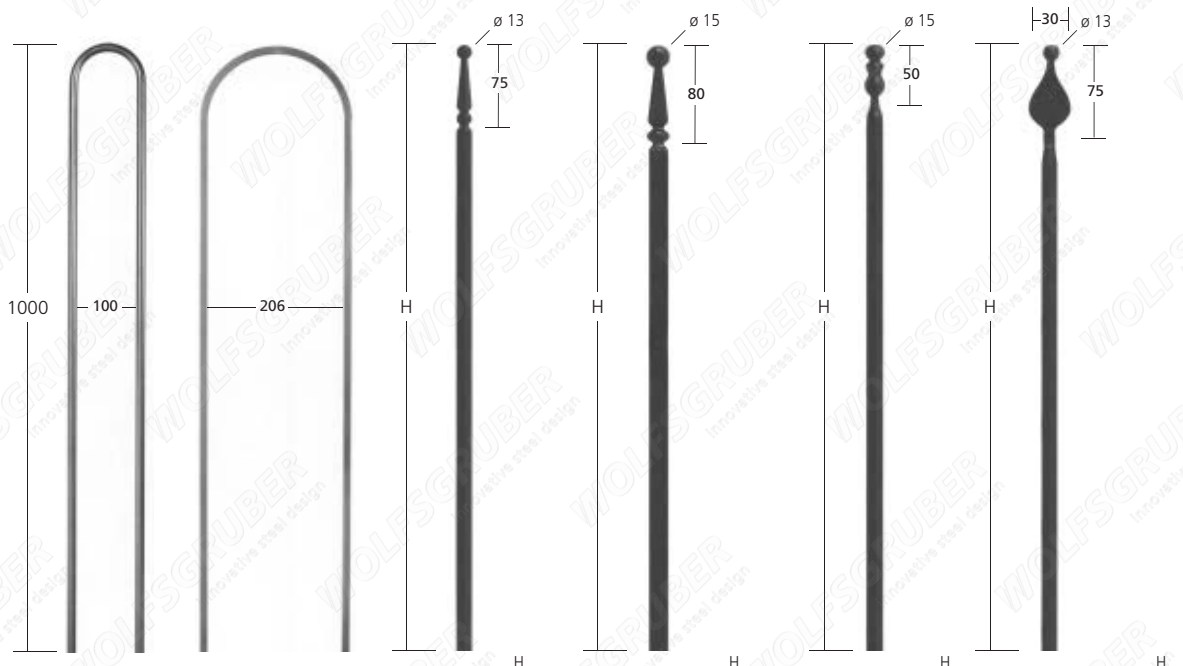




## lance con foro · Zaunspitzen mit Bohrung · spears with hole

 <p>40 85 ↑ foro Bohrung hole Ø 12,5 <b>41300</b></p>	 <p>30 125 ↑ foro Bohrung hole Ø 12,5 <b>41315</b></p>	 <p>45 80 ↑ foro Bohrung hole Ø 12,5 <b>41323</b></p>	 <p>30 62 ↑ foro Bohrung hole Ø 12,5 <b>41333</b></p>	 <p>35 120 ↑ foro Bohrung hole Ø 12,5 <b>41345</b></p>	
 <p>110 ↑ foro Bohrung hole Ø 12,5 <b>41351</b></p>	 <p>60 115 ↑ foro Bohrung hole Ø 12,5 <b>41361</b></p>	 <p>60 115 ↑ foro Bohrung hole Ø 12,5 <b>41363</b></p>	 <p>48 120 ↑ foro Bohrung hole Ø 12,5 <b>41371</b></p>	 <p>50 110 ↑ foro Bohrung hole Ø 12,5 <b>41375</b></p>	
 <p>20 H Ø 12 mm <b>46050</b> H: 500 mm <b>46052</b> H: 1000 mm</p>	 <p>40 H Ø 12 mm <b>46055</b> H: 500 mm <b>46057</b> H: 1000 mm</p>	 <p>H Ø 12 mm <b>46038</b> H: 500 mm <b>46039</b> H: 1000 mm</p>	 <p>18 H Ø 12 mm <b>46035</b> H: 500 mm <b>46037</b> H: 1000 mm</p>	 <p>25 H Ø 12 mm <b>46060</b> H: 600 mm <b>46061</b> H: 1000 mm <b>46062</b> H: 1200 mm</p>	 <p>30 H Ø 12 mm <b>46040</b> H: 500 mm <b>46042</b> H: 1000 mm</p>





<b>17202</b>	Mat. ø 12 mm	<b>17212</b>	Mat. ø 12 mm	<b>17902</b>	Mat. ø 12 mm 1000	<b>17907</b>	Mat. ∅12 mm 1000	<b>17912</b>	Mat. ø 12 mm 1000	<b>17917</b>	Mat. ø 12 mm 1000
<b>17204</b>	Mat. ø 14 mm	<b>17214</b>	Mat. ø 14 mm	<b>17903</b>	Mat. ø 12 mm 700	<b>17908</b>	Mat. ∅12 mm 700	<b>17913</b>	Mat. ø 12 mm 700	<b>17918</b>	Mat. ø 12 mm 700
<b>17206</b>	Mat. ∅12 mm	<b>17216</b>	Mat. ∅12 mm	<b>17904</b>	Mat. ø 12 mm 845	<b>17909</b>	Mat. ∅12 mm 845	<b>17914</b>	Mat. ø 12 mm 830	<b>17919</b>	Mat. ø 12 mm 855
<b>17208</b>	Mat. ∅14 mm	<b>17218</b>	Mat. ∅14 mm	<b>17905</b>	Mat. ø 12 mm 1500	<b>17910</b>	Mat. ∅12 mm 1500	<b>17915</b>	Mat. ø 12 mm 1500	<b>17920</b>	Mat. ø 12 mm 1500

altri paletti vedi pag 6.38 - weitere Zaunstäbe siehe Seite 6.38



<b>17190</b>	ø 12 mm	<b>17191</b>	ø 12 mm	<b>17192</b>	ø 12 mm	<b>17193</b>	ø 12 mm	<b>17194</b>	ø 12 mm	<b>17195</b>	∅12 mm	<b>17196</b>	∅12 mm	<b>17197</b>	∅12 mm
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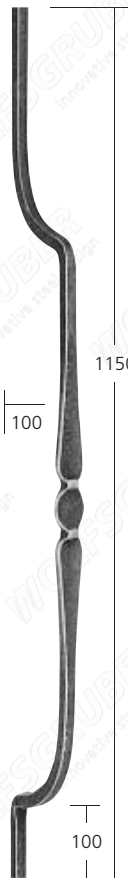
**18002** Ø 14 mm  
1,50 kg



**18004** Ø 14 mm  
1,56 kg



**18006** Ø 14 mm  
1,88 kg



**18008** Ø 14 mm  
1,88 kg

540  
100  
1150  
100





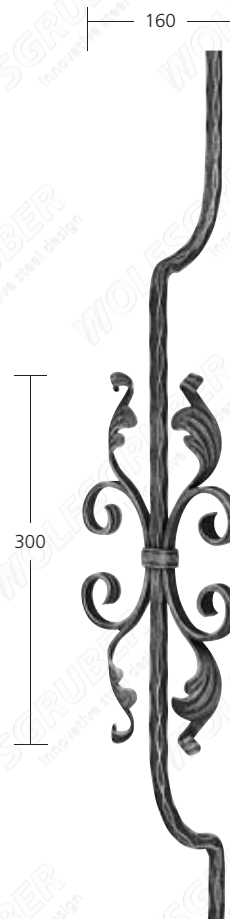
**18020**  $\varnothing 12$  mm  
1,25 kg



**18022**  $\varnothing 12$  mm  
1,25 kg



**18024**  $\varnothing 12$  mm  
1,72 kg



**18026**  $\varnothing 12$  mm  
1,92 kg



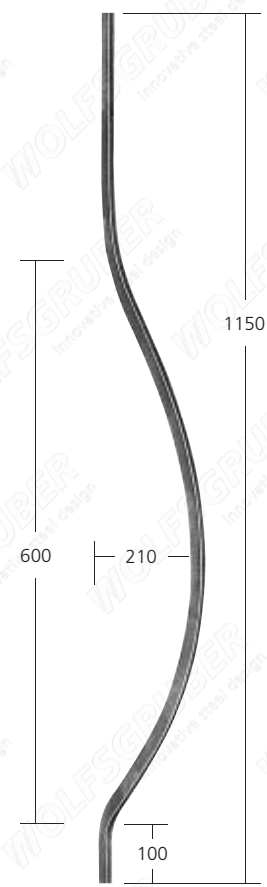
**18102**  $\varnothing$ 12 mm  
1,50 kg



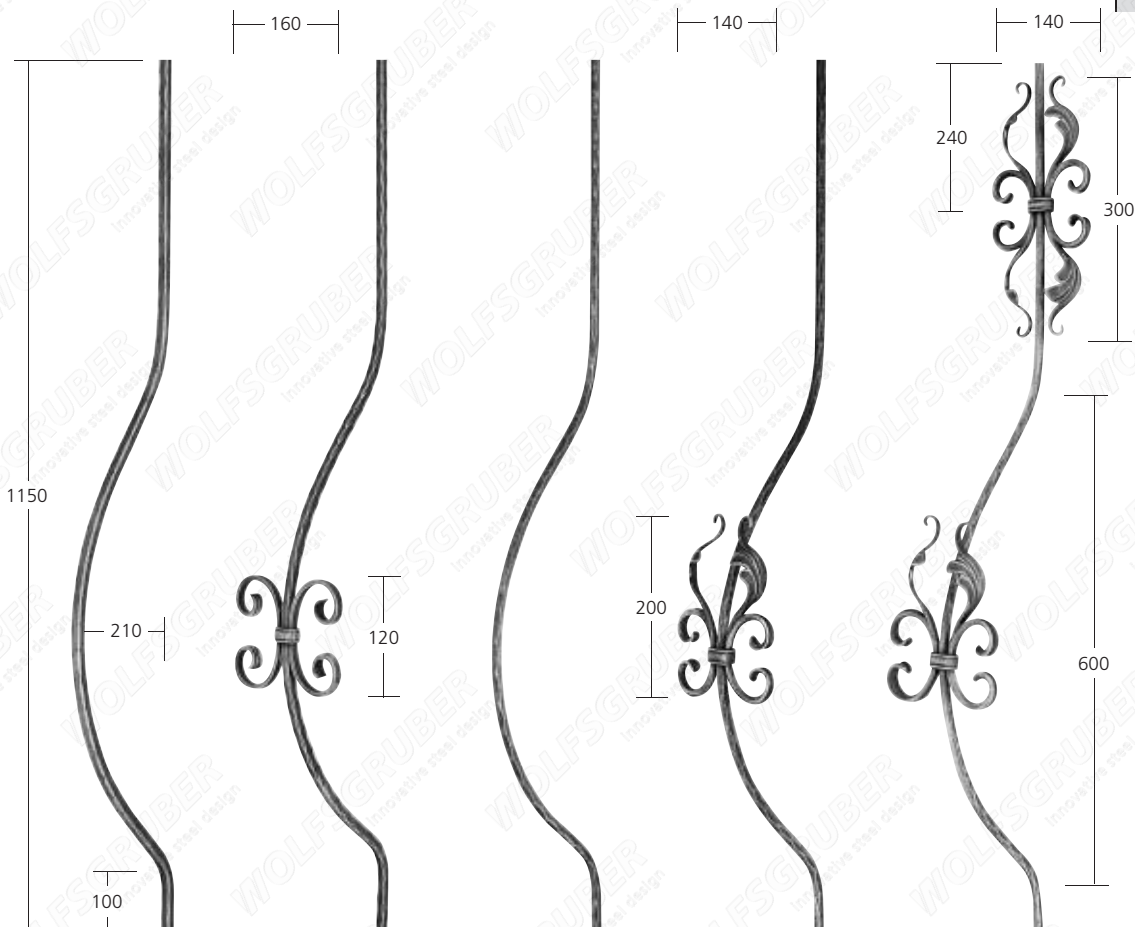
**18104**  $\varnothing$ 12 mm  
1,50 kg



**18110** 16x8 mm  
2,62 kg



**18112** 16x8 mm  
1,14 kg



**18120**  $\square$  12 mm  
1,40 kg

**18122**  $\square$  12 mm  
1,70 kg

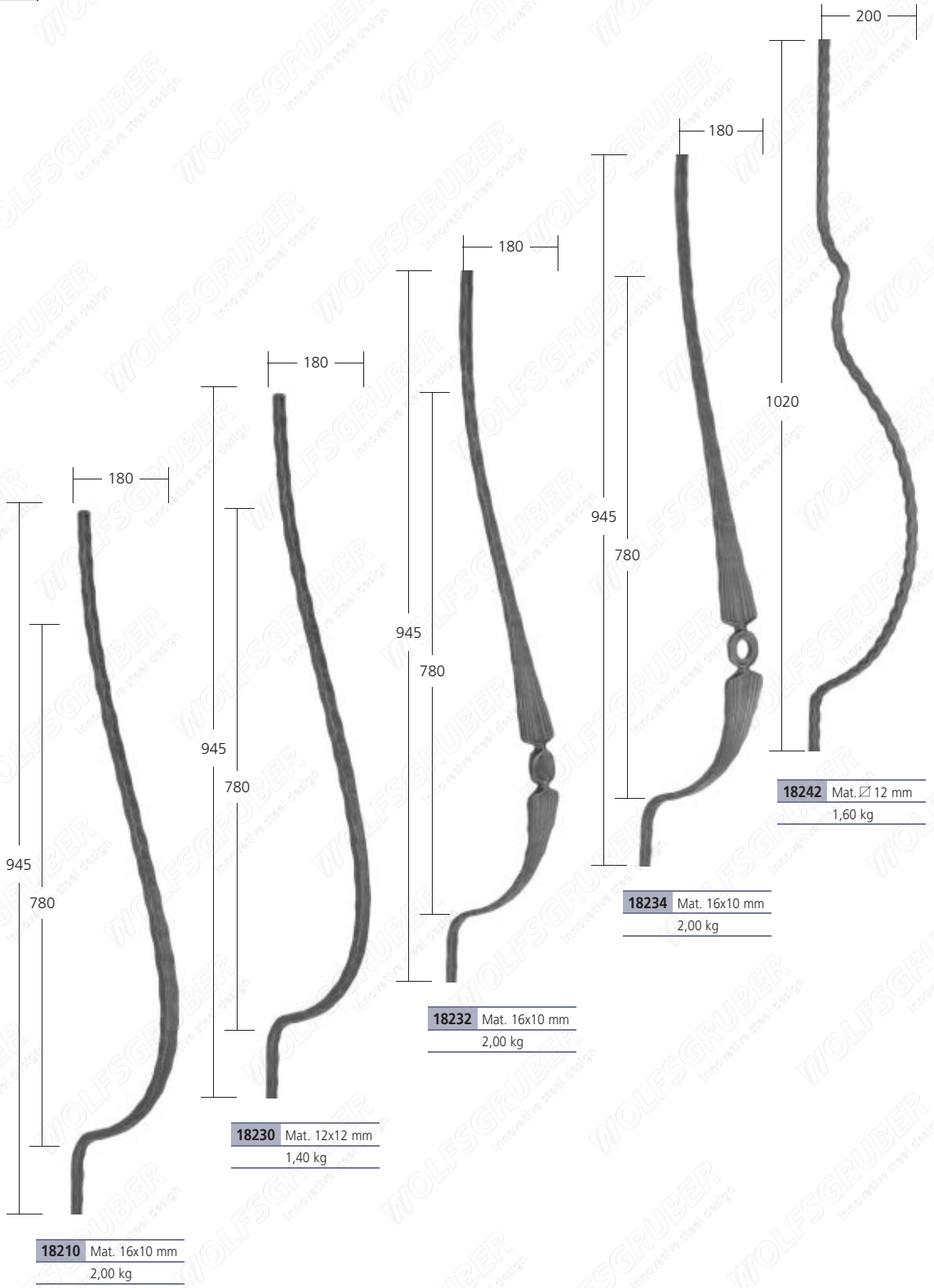
**18130**  $\emptyset$  12 mm  
1,04 kg

**18132**  $\emptyset$  12 mm  
1,48 kg

**18134**  $\emptyset$  12 mm  
2,00 kg







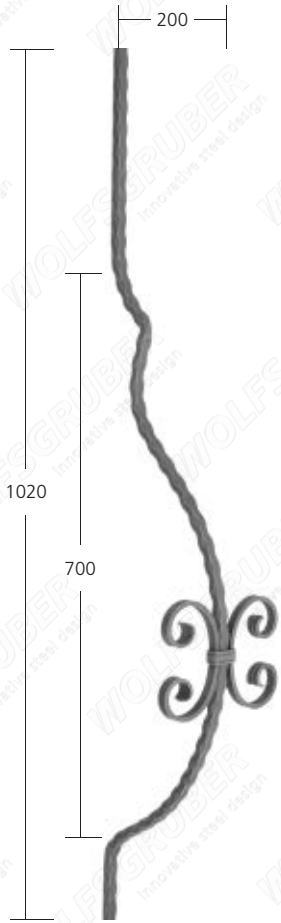
**18210** Mat. 16x10 mm  
2,00 kg

**18230** Mat. 12x12 mm  
1,40 kg

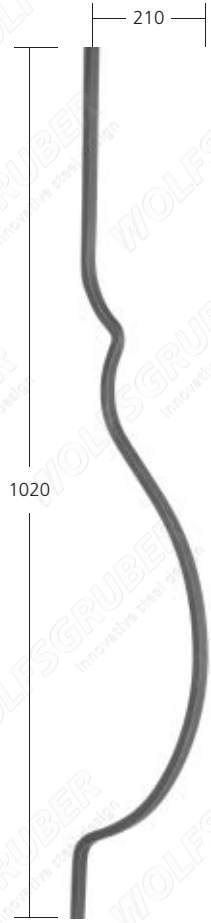
**18232** Mat. 16x10 mm  
2,00 kg

**18234** Mat. 16x10 mm  
2,00 kg

**18242** Mat.  $\nabla$  12 mm  
1,60 kg



**18244** Mat.  $\varnothing$  12 mm  
2,00 kg



**18246** Mat.  $\varnothing$  12 mm  
1,60 kg



**18252** Mat. 20x12 mm  
2,15 kg

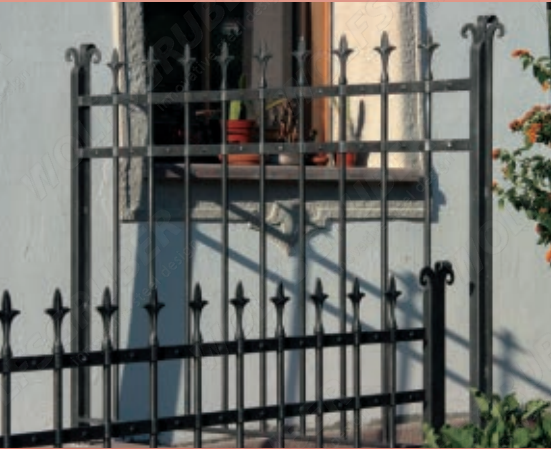


**18254** Mat. 20x12 mm  
2,40 kg





**BARRE**  
**STANGENMATERIAL**  
**BAR STOCK**

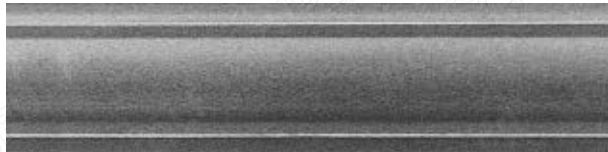


**WOLFSGRUBER**  
innovative steel design

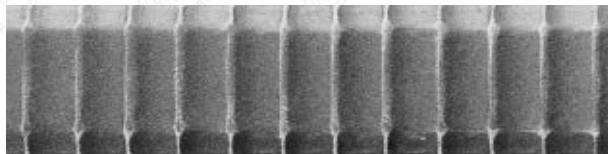


laminati a caldo • warm gewalzt • rolled with heat

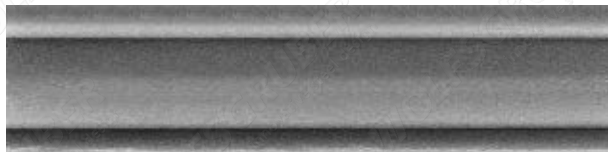
<b>20121</b>	Mat. 40x12x6000 mm 3,85 kg/m
<b>20110</b>	Mat. 50x14x3000 mm 4,32 kg/m
<b>20111</b>	Mat. 50x14x6000 mm 4,32 kg/m



<b>20210</b>	Mat. 50x8x3000 mm 2,55 kg/m
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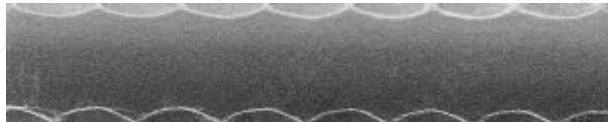
<b>20220</b>	Mat. 50x10x3000 mm 3,69 kg/m
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<b>20230</b>	Mat. 40x8x3000 mm 2,47 kg/m
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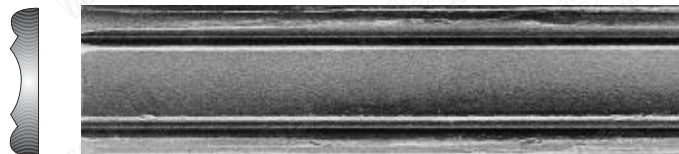


<b>20240</b>	Mat. 40x8x3000 mm 2,49 kg/m
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laminati a caldo • warm gewalzt • rolled with heat

**20250** Mat. 40x8x3000 mm  
2,06 kg/m



**20310** Mat. 50x12x3000 mm  
3,68 kg/m



**20340** Mat. 40x8x3000 mm  
2,00 kg/m

**20350** Mat. 40x10x3000 mm  
2,40 kg/m

**20351** Mat. 40x10x6000 mm  
2,40 kg/m

**20320** Mat. 40x12x3000 mm  
2,90 kg/m



**20330** Mat. 30x10x3000 mm  
1,89 kg/m

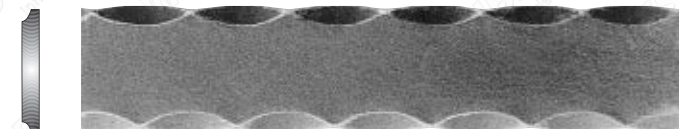
**20331** Mat. 30x10x6000 mm  
1,89 kg/m



laminato a freddo • kalt gewalzt • rolled without heat

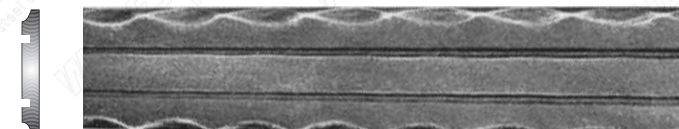
**20410** Mat. 40x8x3000 mm  
2,36 kg/m

**20441** Mat. 40x8x6000 mm  
2,36 kg/m



**20420** Mat. 40x8x3000 mm  
2,36 kg/m

**20421** Mat. 40x8x6000 mm  
2,36 kg/m







bronzo forgiato • Schmiedebronze • forged bronze



**20510** Mat. 54x8x3000 mm  
2,69 kg/m



**20520** Mat. 54x8x3000 mm  
3,09 kg/m



**20530** Mat. 42x8x3000 mm  
2,30 kg/m



**20540** Mat. 45x15x3000 mm  
2,81 kg/m



**20550** Mat. 50x15x3000 mm  
3,83 kg/m

ottone lucidato · Messing hochglanzpoliert · brass highly polished



**20700** Mat. Ø 42x2x3000 mm

corrimani faggio non trattato · Holzhandläufe Buche natur · handrails beech nature

corrimano in legno  
Holzhandlauf  
wood handrail

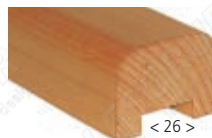


**68810** Mat. Ø 42,4x2500 mm



< 27 >

**68814** Mat. Ø 49x2500 mm



< 26 >

**68818** Mat. 45x35x2500 mm



per · für · for  
**Art. 68814**

**68815** Mat. 10x25x2500 mm



per tubo  
für Rohr Ø 42,4  
for tube

**68820** Mat. 48,5x24,5x2500 mm



lavorazione finale  
Endbearbeitung  
finale work

**68821**

cordone corrimano di iuta · Handlaufseil in Jute · handrail rope in jute



Seil · cordone · rope

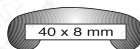
**20800** Ø 30 mm  
0,42 kg/m



nodo · Knoten · knot

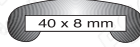
**20801** Ø 75 mm  
0,09 kg

profili di corrimano in PVC · PVC Handlaufprofile · handrail sections in PVC



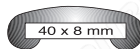
quercia chiara  
Eiche hell  
oak light

**20810** Mat. 45x19 mm  
0,40 kg/m



rosso  
Rot  
red

**20820** Mat. 45x19 mm  
0,40 kg/m



oro  
Gold  
gold

**20830** Mat. 45x19 mm  
0,40 kg/m



nero  
Schwarz  
black

**20840** Mat. 45x19 mm  
0,40 kg/m

rulli di 25 m / Rollen à 25 m / roller with 25 m



laminati a caldo • warm gewalzt • rolled with heat

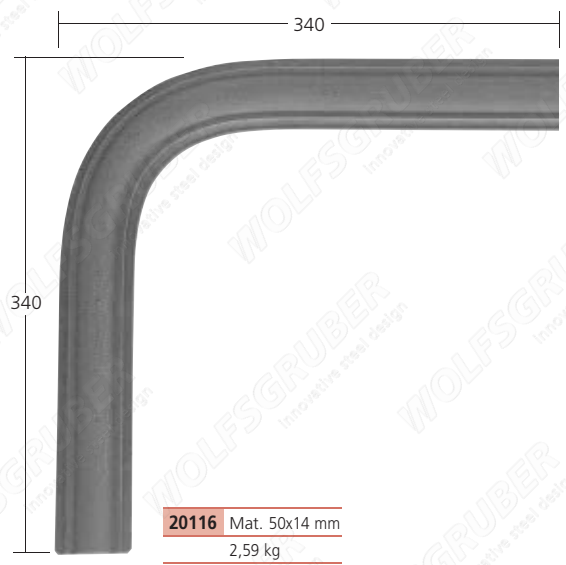


- 20121** Mat. 40x12x6000 mm  
3,85 kg/m
- 20110** Mat. 50x14x3000 mm  
4,32 kg/m
- 20111** Mat. 50x14x6000 mm  
4,32 kg/m

- 20122** Mat. 40x12 mm  
1,78 kg
- 20112** Mat. 50x14 mm  
2,59 kg



- 20124** Mat. 40x12 mm  
1,78 kg
- 20114** Mat. 50x14 mm  
2,59 kg



- 20116** Mat. 50x14 mm  
2,59 kg

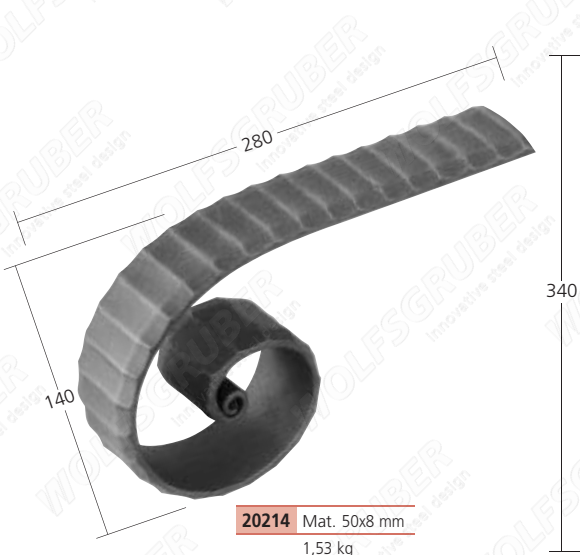
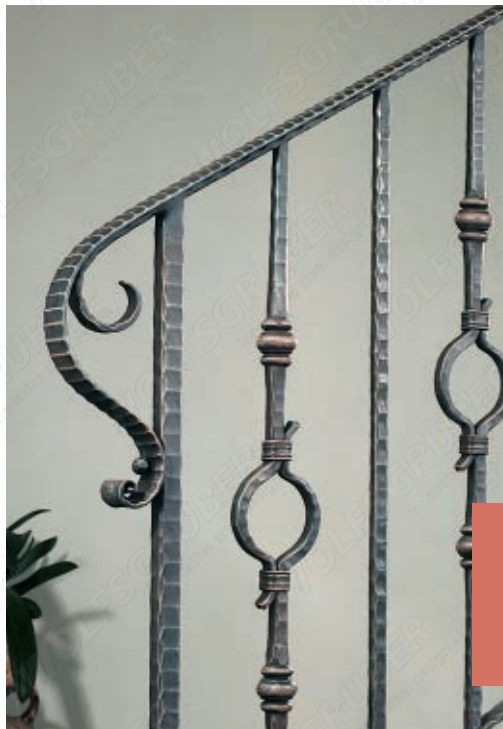


laminati a caldo • warm gewalzt • rolled with heat

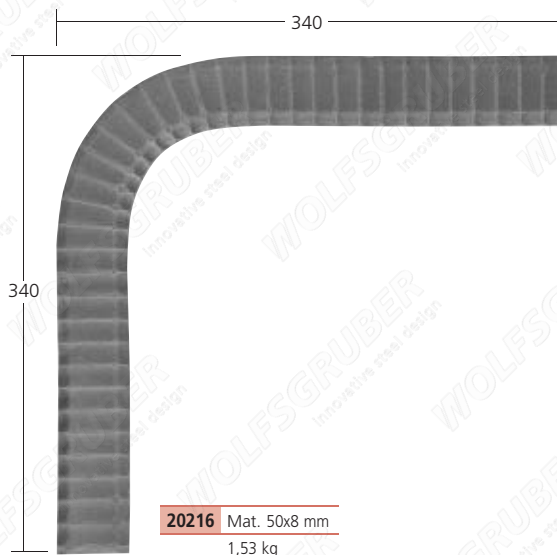


**20210** Mat. 50x8x3000 mm  
2,55 kg/m

**20212** Mat. 50x8 mm  
1,53 kg



**20214** Mat. 50x8 mm  
1,53 kg



**20216** Mat. 50x8 mm  
1,53 kg



laminati a caldo • warm gewalzt • rolled with heat

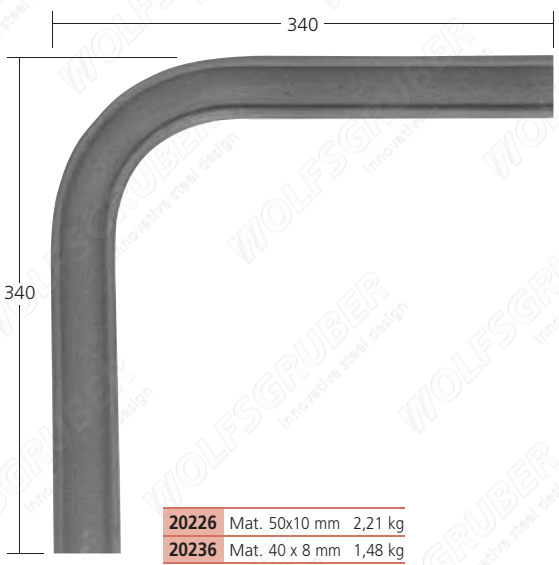


<b>20220</b>	Mat. 50x10x3000 mm	3,69 kg/m
<b>20230</b>	Mat. 40x 8 x3000 mm	2,47 kg/m

<b>20222</b>	Mat. 50x10 mm	2,21 kg
<b>20232</b>	Mat. 40 x 8 mm	1,48 kg



<b>20224</b>	Mat. 50x10 mm	2,21 kg
<b>20234</b>	Mat. 40 x 8 mm	1,48 kg



<b>20226</b>	Mat. 50x10 mm	2,21 kg
<b>20236</b>	Mat. 40 x 8 mm	1,48 kg

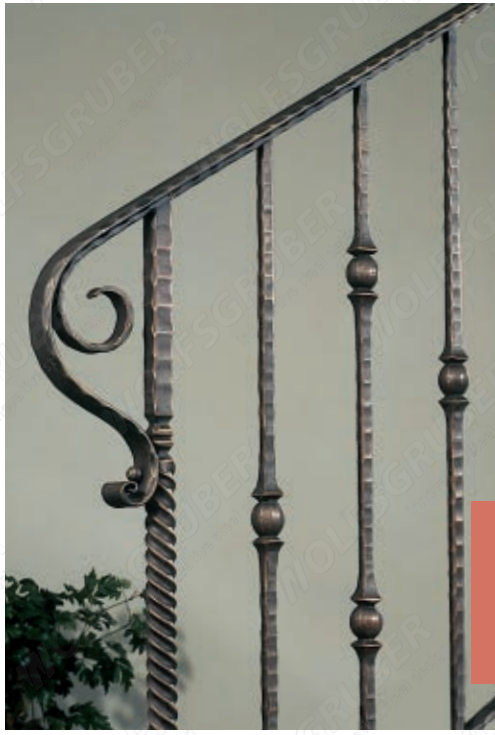


laminati a caldo • warm gewalzt • rolled with heat

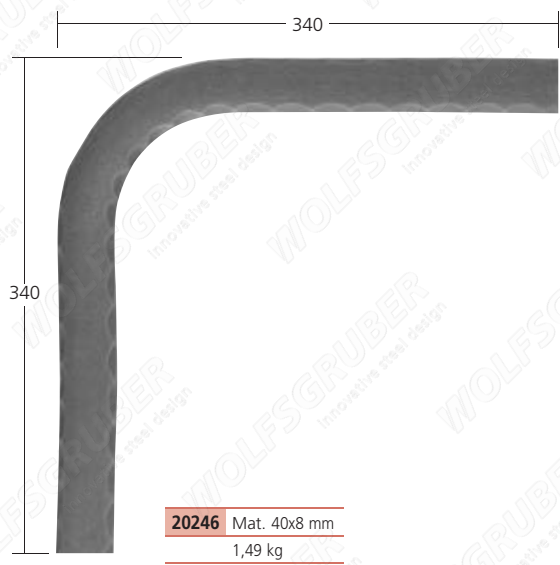


**20240** Mat. 40x8x3000 mm  
2,49 kg/m

**20242** Mat. 40x8 mm  
1,49 kg



**20244** Mat. 40x8 mm  
1,49 kg



**20246** Mat. 40x8 mm  
1,49 kg





laminati a caldo • warm gewalzt • rolled with heat

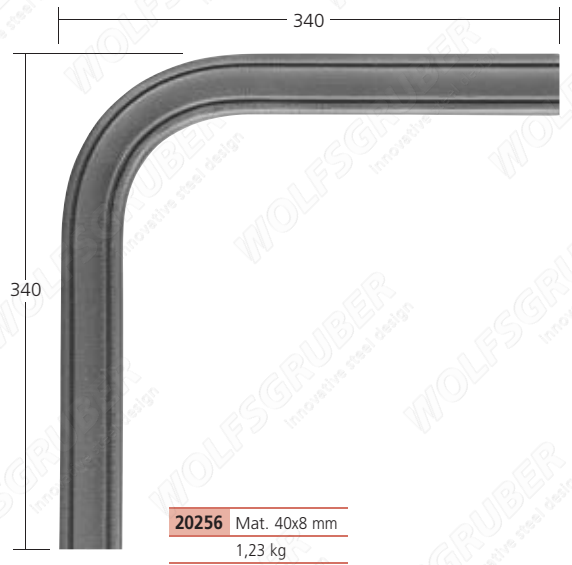


**20250** Mat. 40x8x3000 mm  
2,06 kg/m

**20252** Mat. 40x8 mm  
1,23 kg

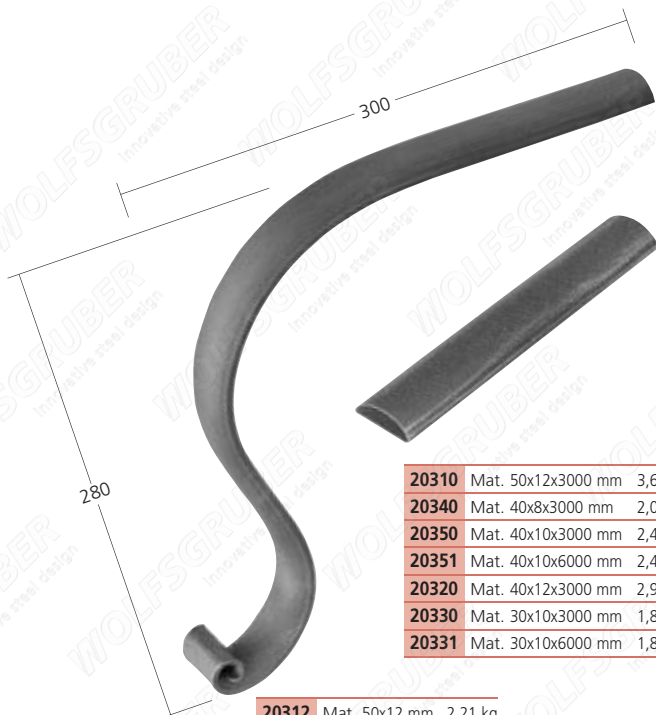


**20254** Mat. 40x8 mm  
1,23 kg



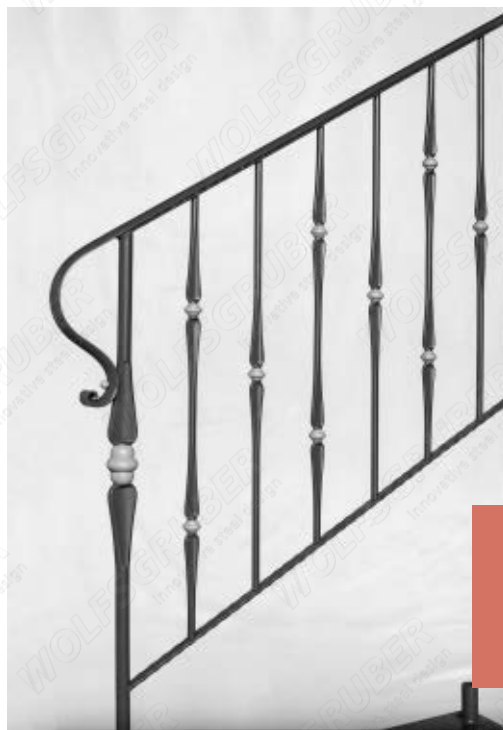
**20256** Mat. 40x8 mm  
1,23 kg

laminati a caldo • warm gewalzt • rolled with heat

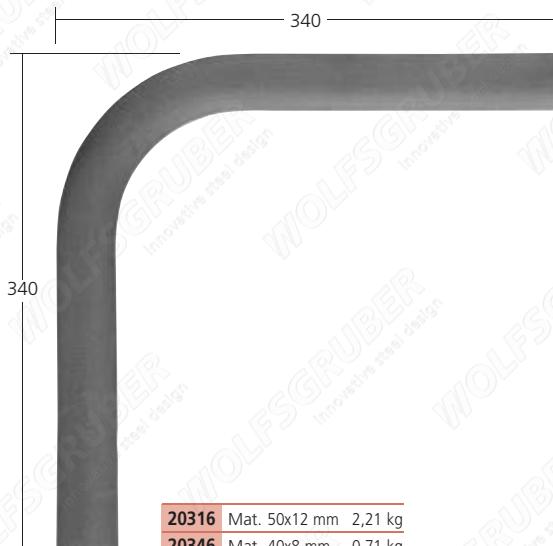


<b>20310</b>	Mat. 50x12x3000 mm	3,68 kg/m
<b>20340</b>	Mat. 40x8x3000 mm	2,00 kg/m
<b>20350</b>	Mat. 40x10x3000 mm	2,40 kg/m
<b>20351</b>	Mat. 40x10x6000 mm	2,40 kg/m
<b>20320</b>	Mat. 40x12x3000 mm	2,90 kg/m
<b>20330</b>	Mat. 30x10x3000 mm	1,89 kg/m
<b>20331</b>	Mat. 30x10x6000 mm	1,89 kg/m

<b>20312</b>	Mat. 50x12 mm	2,21 kg
<b>20342</b>	Mat. 40x8 mm	0,71 kg
<b>20352</b>	Mat. 40x10 mm	0,84 kg
<b>20322</b>	Mat. 40x12 mm	1,72 kg
<b>20332</b>	Mat. 30x10 mm	1,13 kg



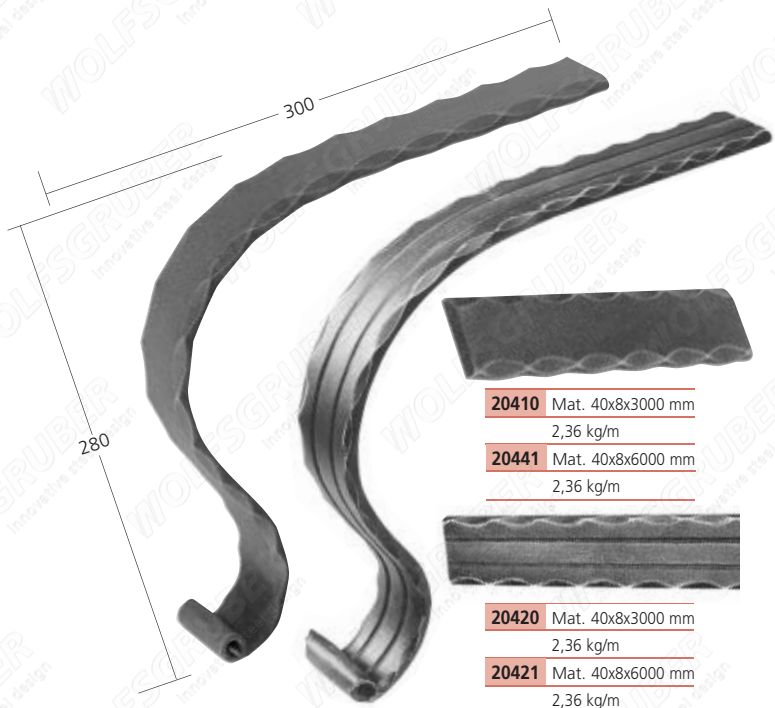
<b>20314</b>	Mat. 50x12 mm	2,21 kg
<b>20344</b>	Mat. 40x8 mm	0,71 kg
<b>20354</b>	Mat. 40x10 mm	0,84 kg
<b>20324</b>	Mat. 40x12 mm	1,72 kg
<b>20334</b>	Mat. 30x10 mm	1,13 kg



<b>20316</b>	Mat. 50x12 mm	2,21 kg
<b>20346</b>	Mat. 40x8 mm	0,71 kg
<b>20356</b>	Mat. 40x10 mm	0,84 kg
<b>20326</b>	Mat. 40x12 mm	1,72 kg
<b>20336</b>	Mat. 30x10 mm	1,13 kg



laminati a freddo • kalt gewalzt • rolled without heat



**20412** Mat. 40x8 mm  
1,42 kg

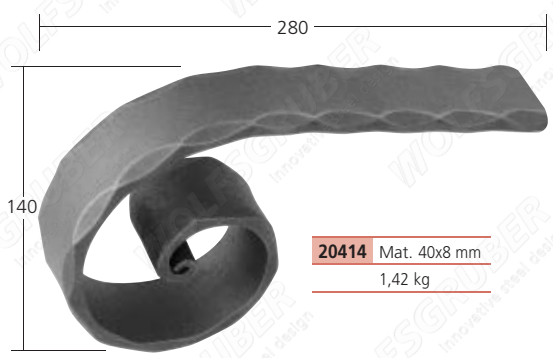
**20422** Mat. 40x8 mm  
1,42 kg

**20410** Mat. 40x8x3000 mm  
2,36 kg/m

**20441** Mat. 40x8x6000 mm  
2,36 kg/m

**20420** Mat. 40x8x3000 mm  
2,36 kg/m

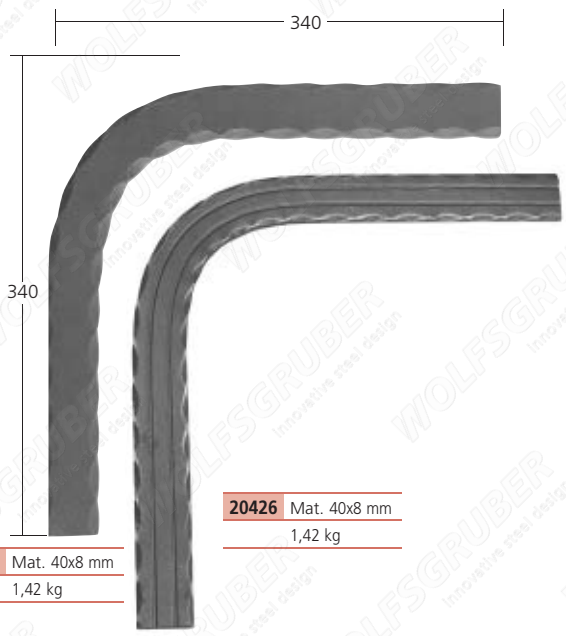
**20421** Mat. 40x8x6000 mm  
2,36 kg/m



**20414** Mat. 40x8 mm  
1,42 kg



**20424** Mat. 40x8 mm  
1,42 kg



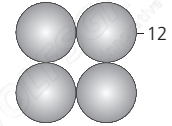
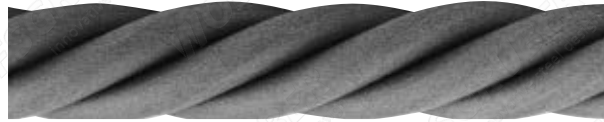
**20426** Mat. 40x8 mm  
1,42 kg

**20416** Mat. 40x8 mm  
1,42 kg

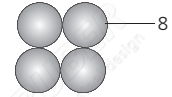


laminati a freddo • kalt gewalzt • rolled without heat

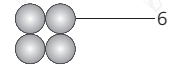
**20910** Ø 30x2800 mm  
3,77 kg/m



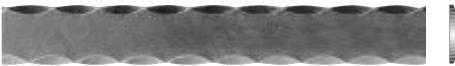
**20920** Ø 20x2800 mm  
1,77 kg/m



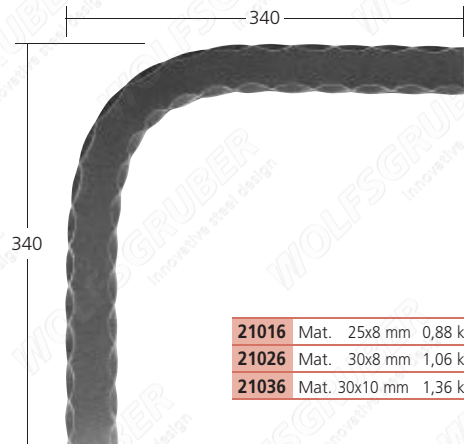
**20930** Ø 15x2800 mm  
1,06 kg/m



piani di fondo • Untergurte • planes bellow

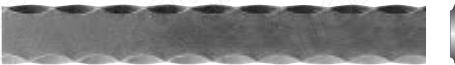


**21010** Mat. 25x8x3000 mm 1,47 kg/m  
**21020** Mat. 30x8x3000 mm 1,76 kg/m  
**21030** Mat. 30x10x3000 mm 2,26 kg/m  
**21031** Mat. 30x10x6000 mm 2,26 kg/m

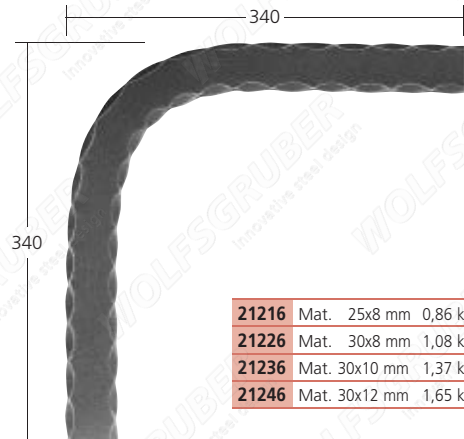


**21016** Mat. 25x8 mm 0,88 kg  
**21026** Mat. 30x8 mm 1,06 kg  
**21036** Mat. 30x10 mm 1,36 kg

spigoli martellati a due lati  
Kanten beidseitig gehämmert  
edges hammered on both sides



**21210** Mat. 25x8x3000 mm 1,43 kg/m  
**21220** Mat. 30x8x3000 mm 1,80 kg/m  
**21230** Mat. 30x10x3000 mm 2,29 kg/m  
**21240** Mat. 30x12x3000 mm 2,74 kg/m



**21216** Mat. 25x8 mm 0,86 kg  
**21226** Mat. 30x8 mm 1,08 kg  
**21236** Mat. 30x10 mm 1,37 kg  
**21246** Mat. 30x12 mm 1,65 kg



laminati a caldo • warm gewalzt • rolled with heat



bronzo da forgia  
Schmiedebronze  
bronze forged



**20510** Mat. 54x8x3000 mm  
2,69 kg/m

**20512** Mat. 54x8 mm  
1,61 kg



**20514** Mat. 54x8 mm  
1,61 kg



**20516** Mat. 54x8 mm  
1,61 kg

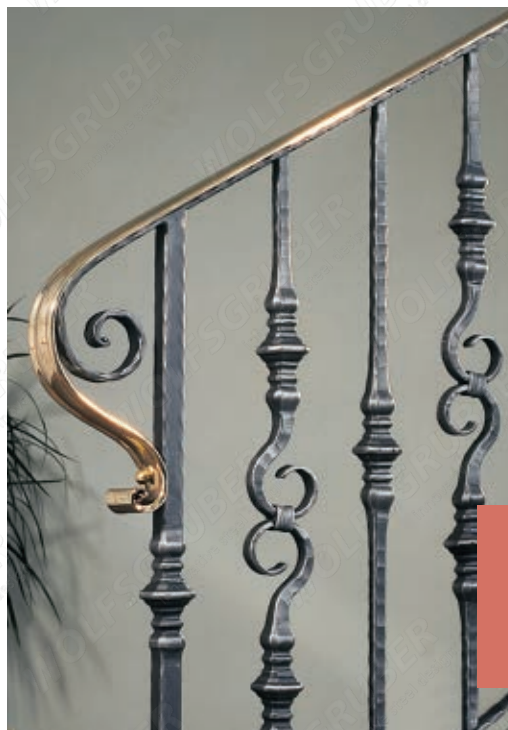
laminati a freddo • kalt gewalzt • rolled without heat

bronzo da forgia  
Schmiedebronze  
bronze forged



<b>20520</b>	Mat. 54x8x3000 mm	3,09 kg/m
<b>20530</b>	Mat. 42x8x3000 mm	2,30 kg/m

<b>20522</b>	Mat. 54x8 mm	1,85 kg
<b>20532</b>	Mat. 42x8 mm	1,38 kg



<b>20524</b>	Mat. 54x8 mm	1,85 kg
<b>20534</b>	Mat. 42x8 mm	1,38 kg



<b>20526</b>	Mat. 54x8 mm	1,85 kg
<b>20536</b>	Mat. 42x8 mm	1,38 kg





laminati a freddo • kalt gewalzt • rolled without heat



**20542** Mat. 45x15 mm  
1,69 kg

**20552** Mat. 50x15 mm  
2,30 kg

**20540** Mat. 45x15x3000 mm  
2,81 kg/m

**20544** Mat. 45x15 mm  
1,69 kg



**20550** Mat. 50x15x3000 mm  
3,83 kg/m



**20554** Mat. 50x15 mm  
2,30 kg



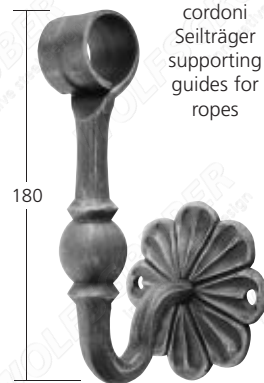
**22610** Mat. Ø 12 mm  
0,62 kg



**22620** Mat. 14x14 mm  
0,74 kg



**22630** Mat. 14x14 mm  
0,8 kg

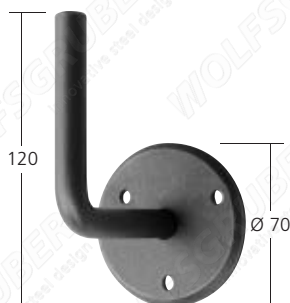


sostegni per  
cordoni  
Seilträger  
supporting  
guides for  
ropes

**22640** Loch  
foro - hole Ø 30 mm  
0,68 kg



**22650** Mat. 12x12 mm  
0,46 kg



**22710** Mat. Ø 14 mm 0,28 kg  
**22712** Mat. Ø 12 mm 0,24 kg



**22720** Mat. Ø 14 mm  
0,28 kg



**22730** Mat. Ø 14 mm  
0,28 kg



**22660** Mat. Ø 12 mm  
0,85 kg



für Rohr  
per tubo  
for hole  
**22735** Ø 42,4 mm



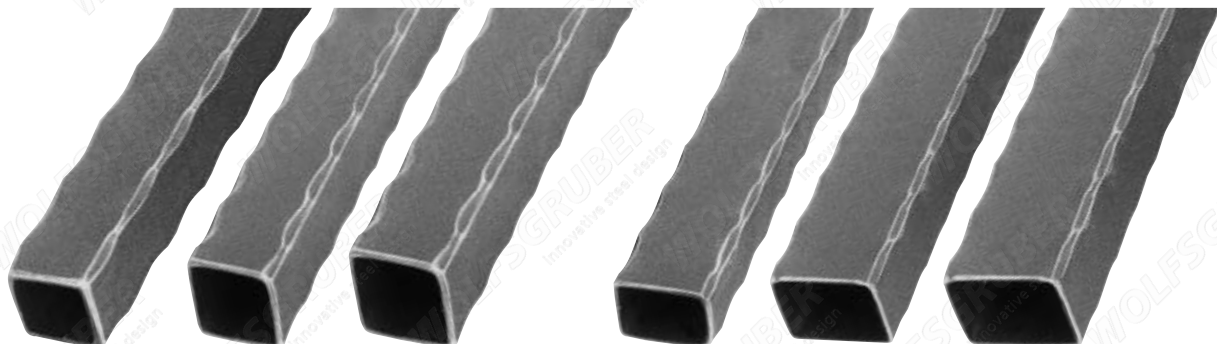
Mat.	kg	loch foro hole
<b>22810</b>	76x1.5x12	0,06 Ø 14
<b>22812</b>	76x1.5x12	0,06 Ø 12



Mat.	kg	loch foro hole
<b>22820</b>	70x5	0,06 Ø 14
<b>22822</b>	70x5	0,06 Ø 12



martellati a spigolo • Kanten gehämmert • edges hammered



	Mat.	kg/m
<b>23120</b>	20x20x2x3000	1,13
<b>23121</b>	20x20x2x6000	1,13
<b>23125</b>	25x25x2,5x3000	1,47
<b>23126</b>	25x25x2,5x6000	1,47
<b>23130</b>	30x30x2,5x3000	2,10
<b>23131</b>	30x30x2,5x6000	2,10
<b>23140</b>	40x40x2,5x3000	3,60
<b>23141</b>	40x40x2,5x6000	3,60
<b>23151</b>	50x50x2,5x6000	3,58
<b>23160</b>	60x60x2,5x3000	5,36
<b>23161</b>	60x60x2,5x6000	5,36
<b>23180</b>	80x80x2,5x3000	7,30
<b>23181</b>	80x80x2,5x6000	7,30
<b>23190</b>	100x100x3x3000	12,05
<b>23191</b>	100x100x3x6000	12,05

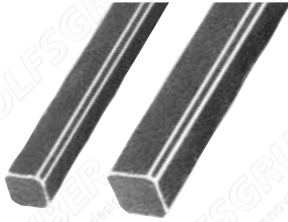
	Mat.	kg/m
<b>23230</b>	30x20x2x3000	1,47
<b>23231</b>	30x20x2x6000	1,47
<b>23240</b>	40x20x2x3000	7,76
<b>23241</b>	40x20x2x6000	7,76
<b>23245</b>	40x30x2,5x3000	2,64
<b>23246</b>	40x30x2,5x6000	2,64
<b>23250</b>	50x30x2,5x3000	3,97
<b>23251</b>	50x30x2,5x6000	3,97
<b>23255</b>	50x40x2,5x3000	3,97
<b>23256</b>	50x40x2,5x6000	3,97
<b>23260</b>	60x40x2,5x3000	4,45
<b>23261</b>	60x40x2,5x6000	4,45
<b>23280</b>	80x40x2,5x3000	5,36
<b>23281</b>	80x40x2,5x6000	5,36
<b>23291</b>	100x40x2,5x6000	5,30
<b>23296</b>	100x50x3x6000	6,78



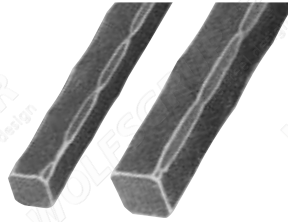


martellati a spigolo • Kanten gehämmert • edges hammered

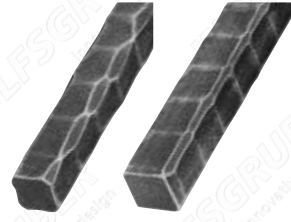
barre da 6 metri su richiesta · 6 meter Stangen auf Anfrage · 6 meters rods on request



	Mat.	kg/m
<b>24012</b>	12x12x3000	1,10
<b>24014</b>	14x14x3000	1,50
<b>24016</b>	16x16x3000	1,89



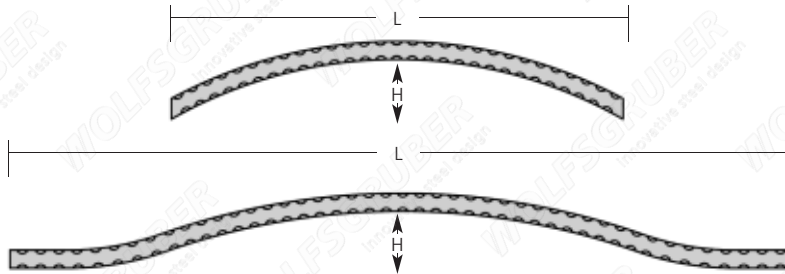
	Mat.	kg/m
<b>24112</b>	12x12x3000	1,10
<b>24113</b>	12x12x6000	1,10
<b>24114</b>	14x14x3000	1,50
<b>24115</b>	14x14x6000	1,50
<b>24116</b>	16x16x3000	1,89
<b>24117</b>	16x16x6000	1,89
<b>24120</b>	20x20x3000	2,98
<b>24125</b>	25x25x3000	4,90
<b>24130</b>	30x30x3000	7,10

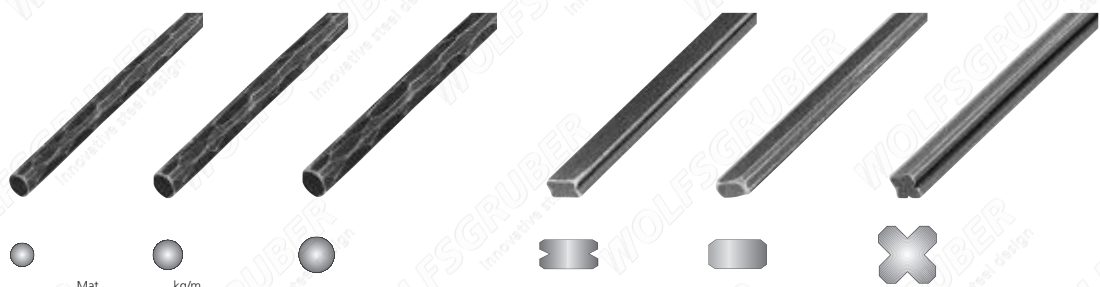


	Mat.	kg/m
<b>24212</b>	12x12x3000	1,10
<b>24214</b>	14x14x3000	1,38
<b>24216</b>	16x16x3000	1,89
<b>24220</b>	20x20x3000	2,98
<b>24225</b>	25x25x3000	4,60
<b>24230</b>	30x30x3000	7,10

forgiato a 4 lati  
e spigolato  
Fläche und Kante  
gehämmert  
surface and edges  
hammered

cimase per cancelli su richiesta · Schweiß und Segmentbögen auf Anfrage · ornaments for gates on request





	Mat.	kg/m
<b>24408</b>	Ø 8x3000	0,36
<b>24410</b>	Ø 10x3000	0,56
<b>24412</b>	Ø 12x3000	0,80
<b>24414</b>	Ø 14x3000	1,21
<b>24416</b>	Ø 16x3000	1,58
<b>24420</b>	Ø 20x3000	2,47
<b>24425</b>	Ø 25x3000	3,85

<b>24516</b>	Mat. 16x8x3000 mm
0,95 kg/m	

<b>24616</b>	Mat. 16x8x3000 mm
0,97 kg/m	

<b>24712</b>	Mat. 12x12x3000 mm
1,01 kg/m	

## profili sagomati · Zierprofile · ornamental sections



<b>25022</b>	22x4x3000 mm
0,65 kg/m	

<b>25033</b>	33x7x3000 mm
1,53 kg/m	

<b>25125</b>	25x8x3000 mm
<b>25126</b>	25x8x6000 mm
1,17 kg/m	

<b>25130</b>	30x8x3000 mm
<b>25131</b>	30x8x6000 mm
1,30 kg/m	
<b>25141</b>	40x8x6000 mm
2,33 kg/m	

<b>25330</b>	30x6x3000 mm
1,06 kg/m	



<b>25150</b>	Mat. 45x3x2000 mm
1,55 kg/m	



<b>25622</b>	Mat. 22x4x3000 mm
0,65 kg/m	

<b>25630</b>	Mat. 30x6x3000 mm
1,11 kg/m	

	Mat.	A	kg/m
<b>25142</b>	25x8x2000	125	1,17
<b>25143</b>	25x8x3000	125	1,17
<b>25144</b>	30x8x2000	125	1,30
<b>25145</b>	30x8x3000	125	1,30

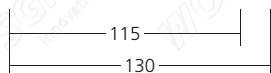


**48010** Mat. 10 mm  
0,50 kg

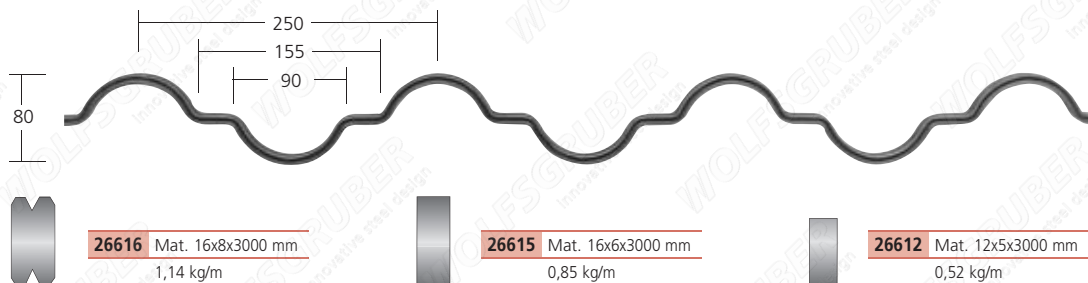
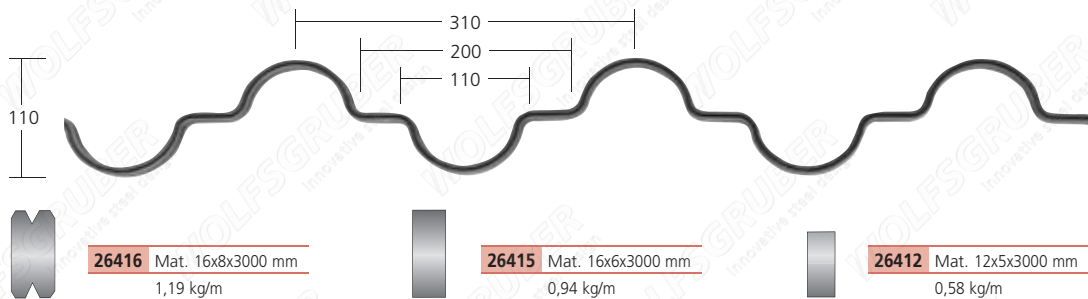
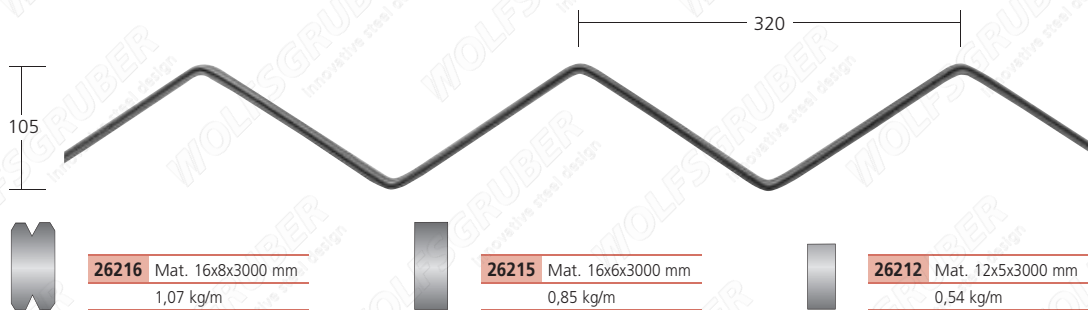
**48015** Mat. 6 mm  
0,25 kg



**48020** Mat. 7 mm  
0,30 kg









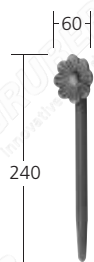
**26716** Mat. 16x8 mm  
0,22 kg



**26715** Mat. 16x6 mm  
0,18 kg



**26712** Mat. 12x5 mm  
0,12 kg



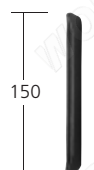
**26816** Mat. 16x8 mm  
0,28 kg



**26815** Mat. 16x6 mm  
0,24 kg



**26812** Mat. 12x5 mm  
0,18 kg



**26916** Mat. 16x8 mm  
0,13 kg



**26915** Mat. 16x6 mm  
0,10 kg



**26912** Mat. 12x5 mm  
0,07 kg

esempi d'impiego · Anwendungsbeispiele · examples of application





# BARRE FORATE • LOCHLEISTEN • HOLED BARS



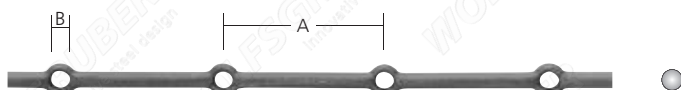
	A	B	∅	lunghezza Länge length	kg
<b>27012</b>	120	12,5	12	2000	2,15
<b>27014</b>	140	14,5	14	2000	2,92
<b>27016</b>	150	16,5	16	2000	3,82



	A	B	∅	lunghezza Länge length	kg
<b>27112</b>	120	12,5	12	2000	2,15
<b>27114</b>	140	14,5	14	2000	2,92
<b>27116</b>	150	16,5	16	2000	3,82



	A	B	∅	lunghezza Länge length	kg
<b>27214</b>	140	14,5	14	2000	2,92
<b>27216</b>	150	16,5	16	2000	3,82



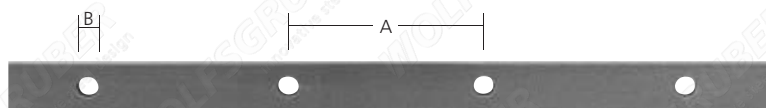
	A	B	∅	lunghezza Länge length	kg
<b>27312</b>	120	12,5	12	2000	1,78
<b>27314</b>	140	14,5	14	2000	2,42
<b>27316</b>	150	16,5	16	2000	3,15



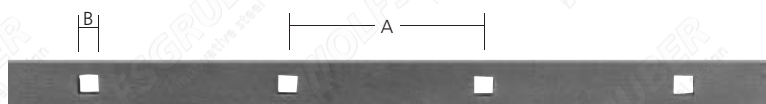




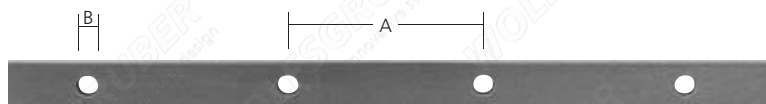
	Mat.	A	B	lunghezza Länge length	kg
<b>27502</b>	25x6	60	12,5	2000	2,30
<b>27504</b>	25x6	60	12,5	3000	3,50
<b>27522</b>	30x8	60	12,5	2000	3,60
<b>27524</b>	30x8	60	12,5	3000	5,60



	Mat.	A	B	lunghezza Länge length	kg
<b>27506</b>	25x6	120	12,5	2000	2,30
<b>27508</b>	25x6	120	12,5	3000	3,50
<b>27510</b>	25x8	120	12,5	2000	3,00
<b>27511</b>	25x8	120	12,5	3000	4,50
<b>27526</b>	30x8	120	12,5	2000	3,60
<b>27528</b>	30x8	120	12,5	3000	5,60



	Mat.	A	B	lunghezza Länge length	kg
<b>27410</b>	25x8	120	12,5	2000	3,00
<b>27411</b>	25x8	120	12,5	3000	4,50
<b>27412</b>	25x8	130	12,5	2000	3,00
<b>27413</b>	30x8	125	12,5	2000	3,60
<b>27414</b>	30x8	132	14,5	2000	3,57
<b>27415</b>	30x8	125	14,5	2000	3,62



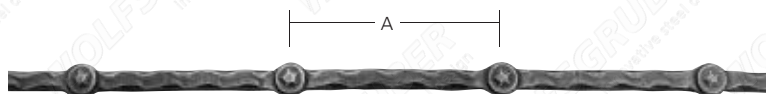
	Mat.	A	B	lunghezza Länge length	kg
<b>27512</b>	25x8	130	12,5	2000	3,03
<b>27514</b>	30x8	132	14,5	2000	3,62



	Mat.	A	B	lunghezza Länge length	kg
<b>27606</b>	25x5	60	12-14	2000	2,00



	Mat.	A	B	lunghezza Länge length	kg
<b>27612</b>	25x5	120	12-14	2000	2,00



	Mat.	A	B	lunghezza Länge length	kg
<b>27714</b>	14x14	125	14,5	2000	3,08





**25022** 22x4x3000 mm  
0,65 kg/m



**28114** 14x3x3000 mm  
0,30 kg/m



**28116** 16x4x3000 mm  
0,46 kg/m



**28120** 20x4x3000 mm  
0,53 kg/m



**28214** 14x4x2000 mm  
**28215** 14x4x4000 mm  
0,41 kg/m



**28314** 14x4x2000 mm  
**28315** 14x4x4000 mm  
0,37 kg/m



**28318** 18x5x2000 mm  
**28319** 18x5x4000 mm  
0,51 kg/m



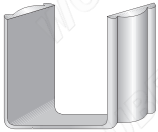
**28417** 14x4x4000 mm  
0,33 kg/m  
**28414** 16x5x2000 mm  
0,28 kg/m  
**28414S** 16x3x2000 mm  
0,20 kg/m





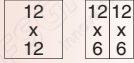






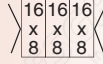

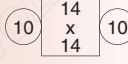


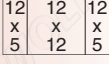
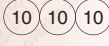


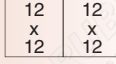



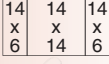




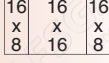

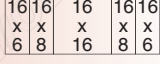



**28816** 16x4x3000 mm  
0,41 kg/m



**28820** 20x4x3000 mm  
0,57 kg/m



materiale tenero ricotto  
Sondermaterial weichgeglüht · special soft-annealed material

Art.	giunzione del materiale: Materialverbindung: material connection:	impiego: Anwendung: application:	Art.	giunzione del materiale: Materialverbindung: material connection:	impiego: Anwendung: application:
<b>Art. 28114</b>  <b>14x3 mm</b>			<b>Art. 28116</b>  <b>16x4 mm</b>		
29402			29636		Art. 26416 Art. 26616
29404		Art. 26412 Art. 26612	29637		Art. 26216
29405		Art. 26212	29640		Art. 26416 Art. 26616
29412		Art. 26412 Art. 26612	29641		Art. 26216
29413		Art. 26212	29660		
29416			29672		
29418			29673		
<b>Art. 28116</b>  <b>16x4 mm</b>			29676		
29600			29677		
29620			29680		
29622			<b>Art. 28120</b>  <b>20x4 mm</b>		
29626		Art. 26415 Art. 26615	29850		
29627		Art. 26215	29852		
29630		Art. 26415 Art. 26615	29856		Art. 32430
29631		Art. 26215	29890		
} congiunzioni di piatto piegato con raggio stretto { } Verbindungen von geknicktem Flachmaterial { } connections of flat iron curves with small radius {			29894		

confezione da 100 pezzi · 100er-Pack · 100 pcs.





**ELEMENTI ORNAMENTALI**  
**ZIERELEMENTE**  
**ORNAMENTAL ELEMENTS**



**WOLFSGRUBER**  
innovative steel design



barocco rustico · Ländliches Barock · country baroque



**30010** Mat. 4 mm **30011**

0,48 kg

sede  
Ansatz · lug Ø 12 mm

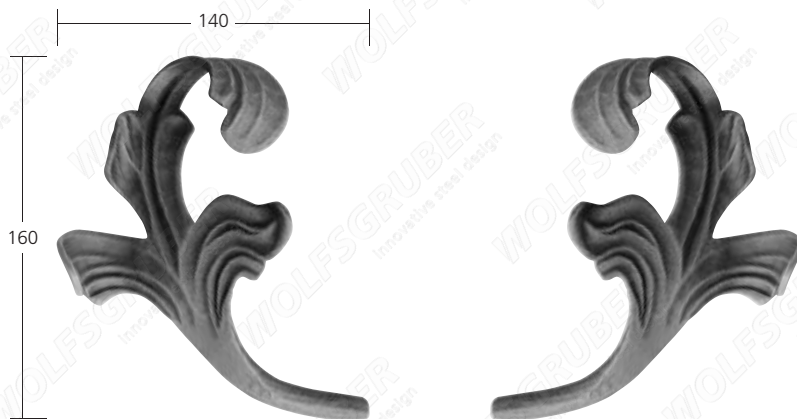


**30012** Mat. 4 mm **30013**

0,36 kg

sede  
Ansatz · lug Ø 12 mm

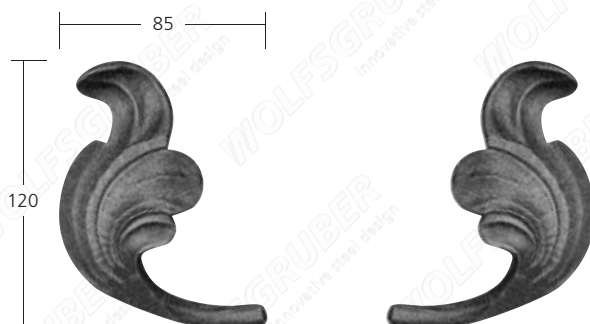




**30016** Mat. 4 mm **30017**

0,31 kg

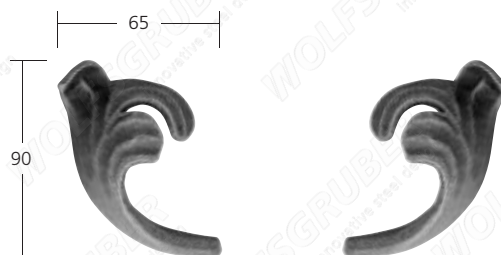
sede  
Ansatz - lug Ø 12 mm



**30018** Mat. 4 mm **30019**

0,16 kg

sede  
Ansatz - lug Ø 12 mm



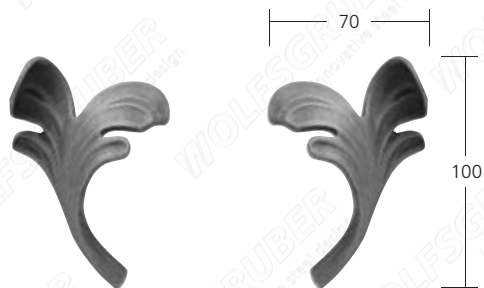
**30020** Mat. 4 mm **30021**

0,12 kg

sede  
Ansatz - lug Ø 10 mm



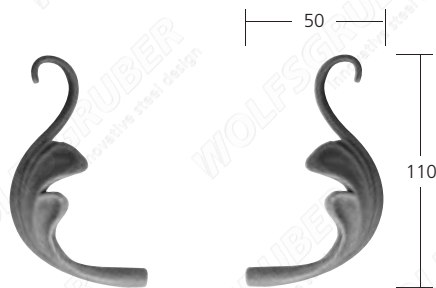
barocco rustico · Ländliches Barock · country baroque



**30210** Mat. 3 mm **30211**

0,08 kg

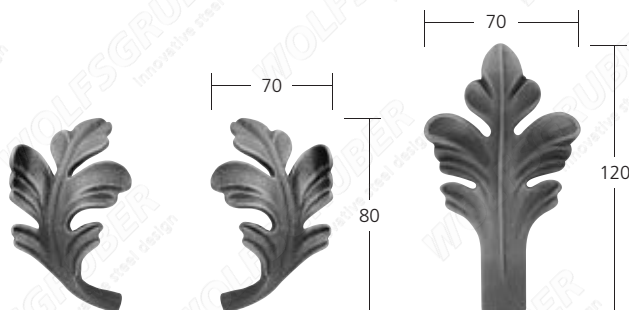
sede  
Ansatz · lug Ø 10 mm



**30214** Mat. 3 mm **30215**

0,06 kg

sede  
Ansatz · lug Ø 10 mm



**30218** Mat. 3 mm **30219**

0,10 kg

sede  
Ansatz · lug Ø 10 mm

**30220** Mat. 3 mm

0,10 kg



**30224** Mat. 5 mm

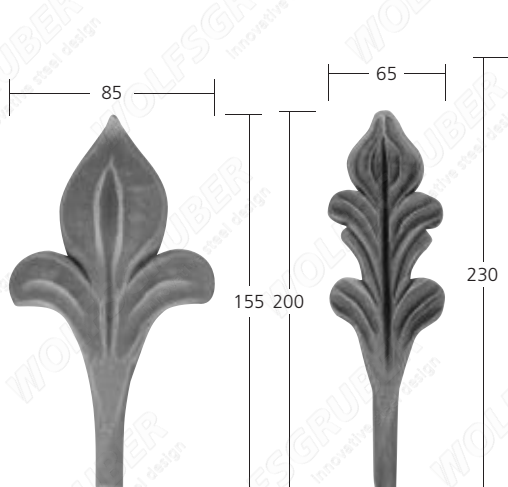
0,06 kg

sede  
Ansatz · lug Ø 10 mm



**30227** Mat. 4 mm

0,18 kg



**30226** Mat. 4 mm

0,16 kg

sede  
Ansatz · lug Ø 12 mm

**30250** Mat. 4 mm

0,25 kg

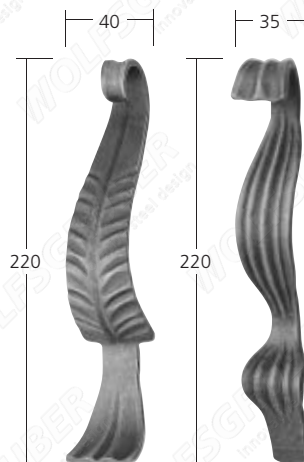
sede  
Ansatz · lug Ø 12 mm



**30254** Mat. 4 mm

0,30 kg

sede  
Ansatz · lug Ø 12 mm



**30260** Mat. 4 mm

0,24 kg

sede  
Ansatz · lug Ø 12 mm

**30264** Mat. 5 mm

0,28 kg

sede  
Ansatz · lug Ø 12 mm



30272



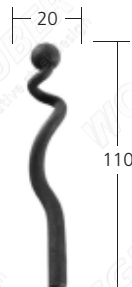
30274



30276



30278



30286



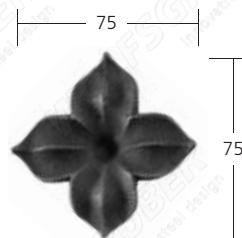
30284



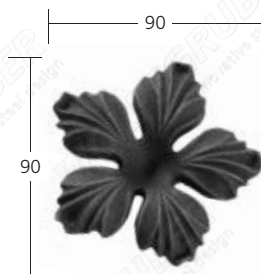
30280



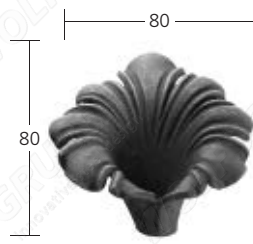
30282



30288



30290



30292

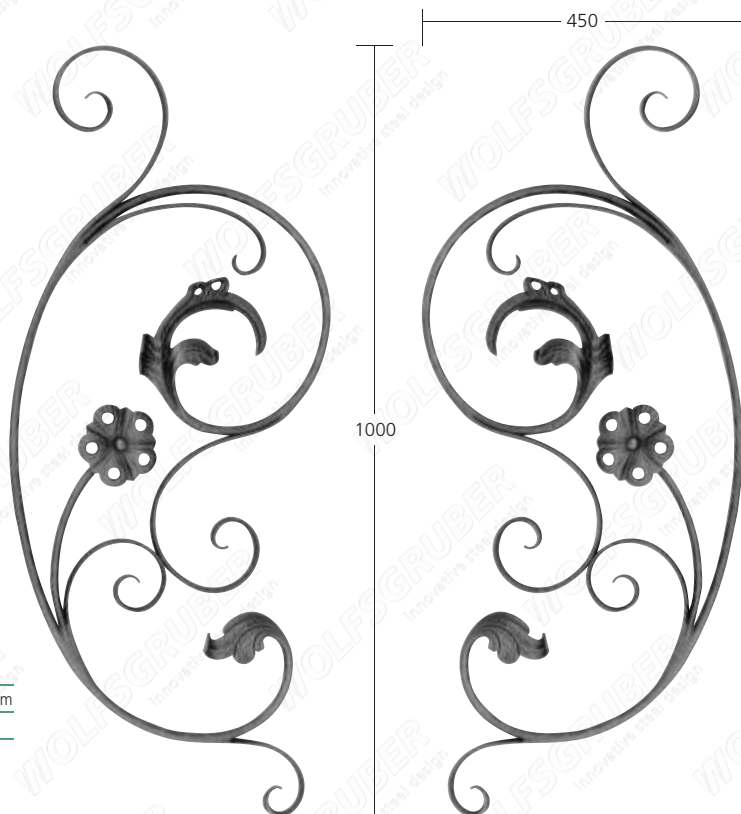






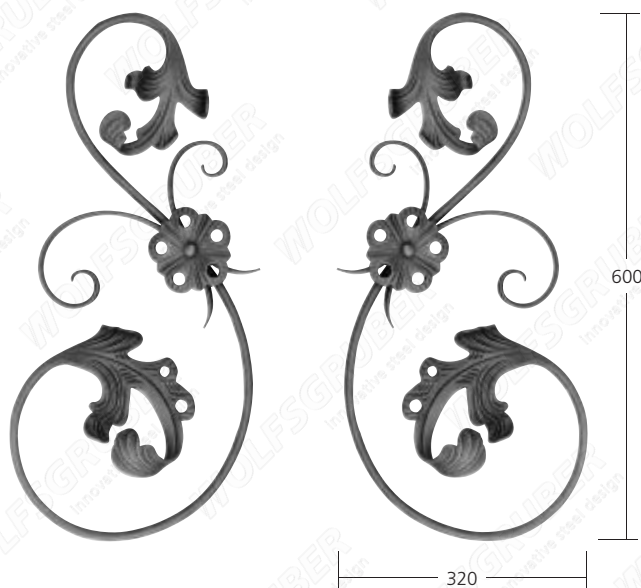
barocco rustico · Ländliches Barock · country baroque

martellato · gehämmert · hammered



**31010** Mat. Ø 12 mm  
2,90 kg

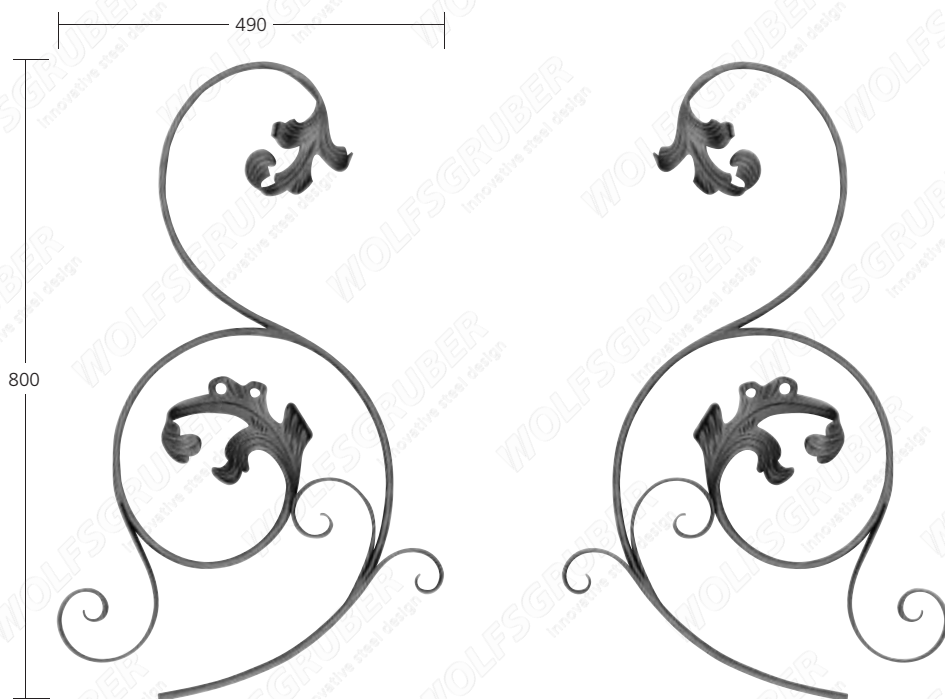
**31011** Mat. Ø 12 mm  
2,90 kg



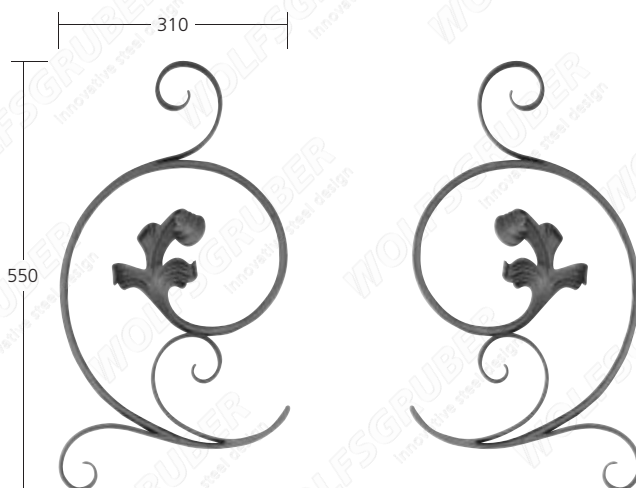
**31014** Mat. Ø 12 mm  
2,12 kg

**31015** Mat. Ø 12 mm  
2,12 kg

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**31018** Mat. Ø 12 mm **31019**  
2,60 kg

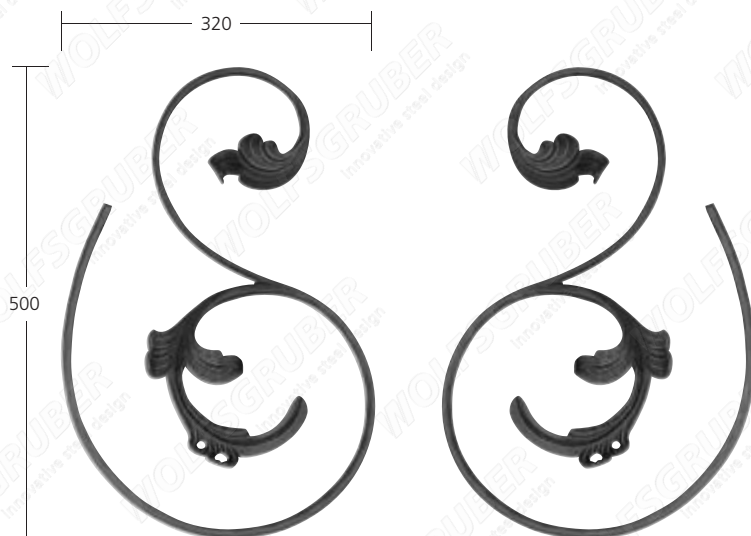


**31022** Mat. Ø 12 mm **31023**  
1,38 kg

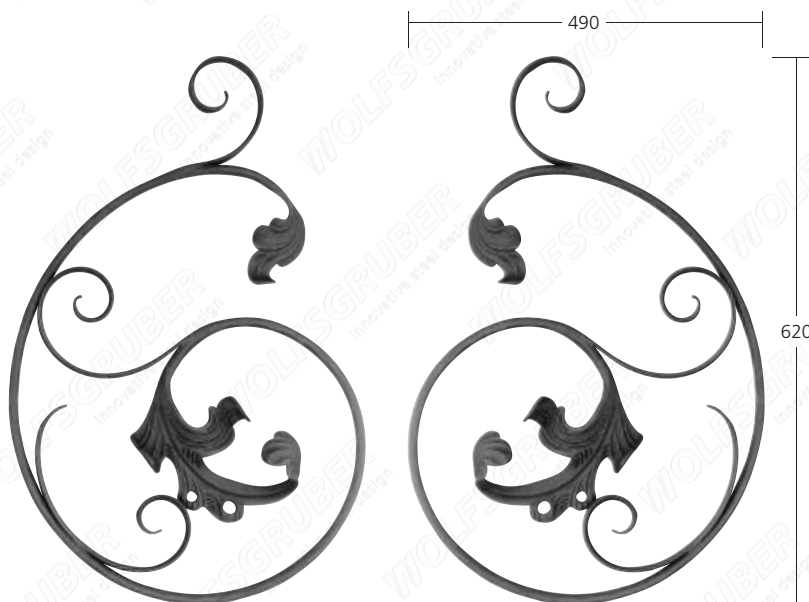


barocco rustico · Ländliches Barock · country baroque

martellato · gehämmert · hammered



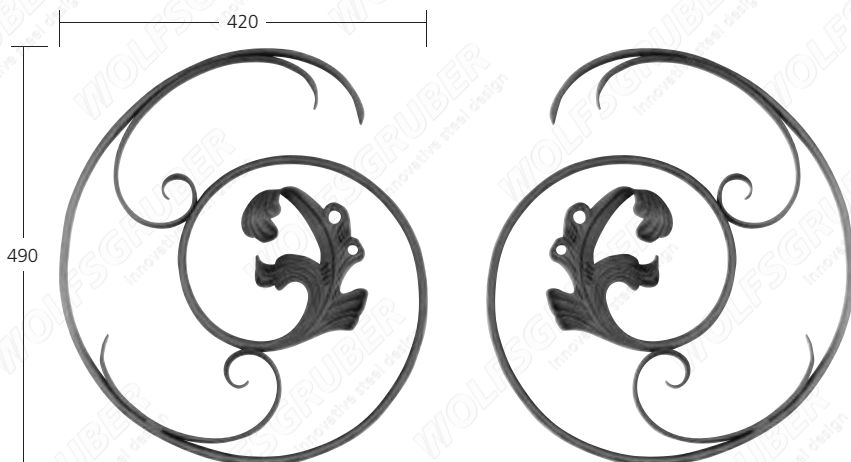
**31026** Mat. Ø 12 mm **31027**  
1,40 kg



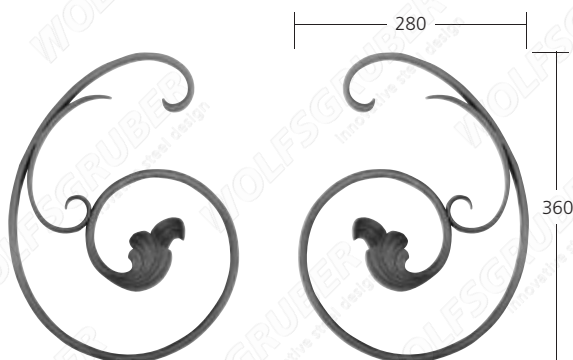
**31030** Mat. Ø 12 mm **31031**  
2,12 kg



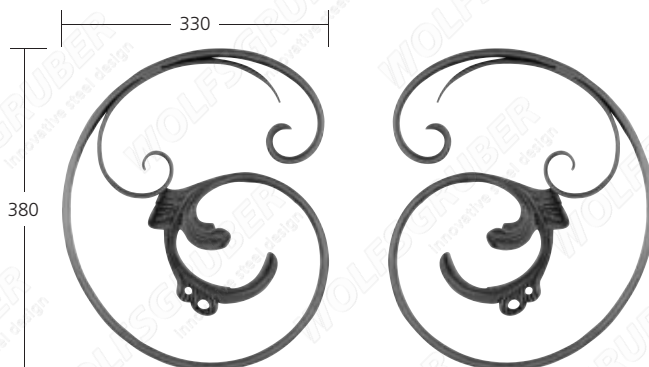
martellato · gehämmert · hammered



**31034** Mat. Ø 12 mm **31035**  
2,60 kg



**31038** Mat. Ø 12 mm **31039**  
1,20 kg

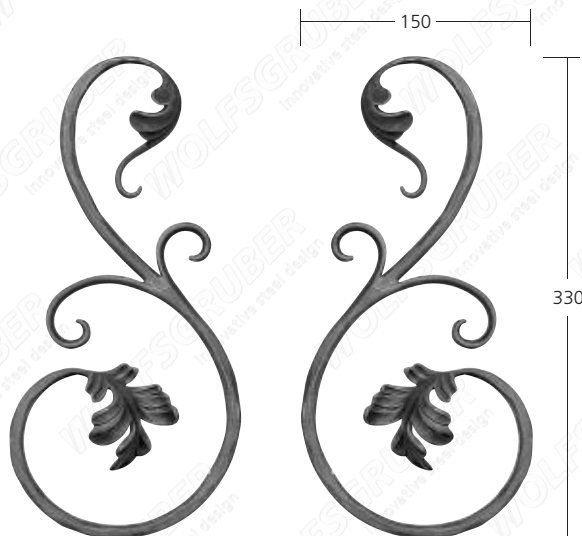


**31042** Mat. Ø 12 mm **31043**  
1,60 kg



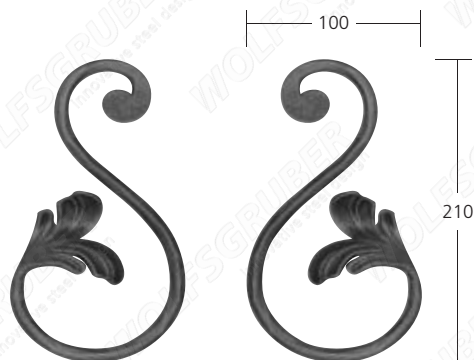
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martellato · gehämmert · hammered



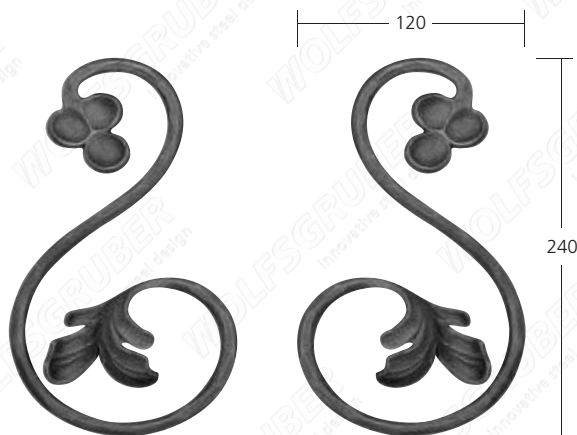
**31210** Mat. Ø 10 mm **31211**

0,54 kg



**31214** Mat. Ø 10 mm **31215**

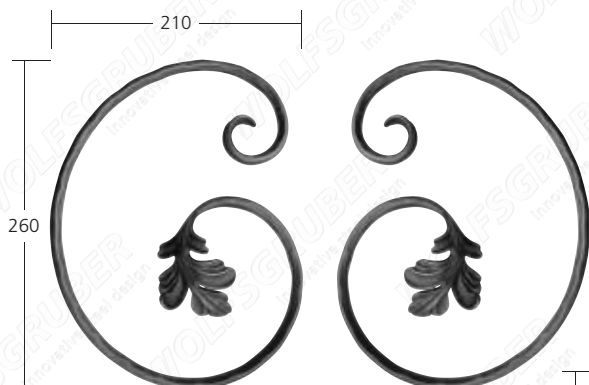
0,30kg



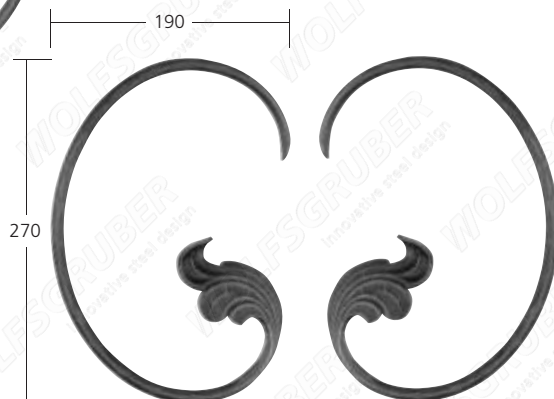
**31218** Mat. Ø 10 mm **31219**

0,38 kg

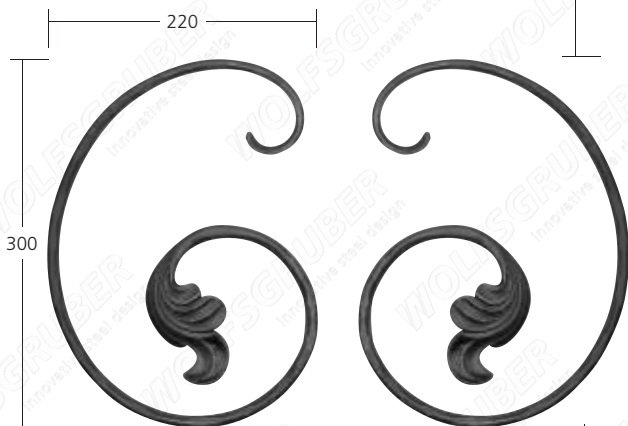
martellato · gehämmert · hammered



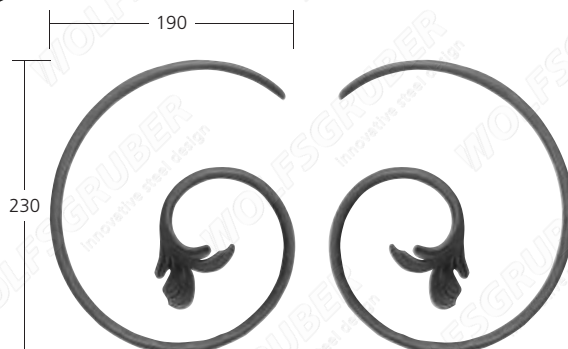
**31222** Mat. Ø 10 mm **31223**  
0,52 kg



**31226** Mat. Ø 10 mm **31227**  
0,46 kg



**31230** Mat. Ø 10 mm **31231**  
0,60 kg



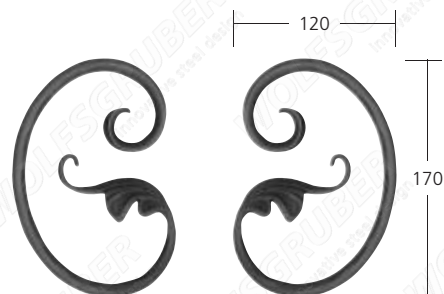
**31234** Mat. Ø 10 mm **31235**  
0,44 kg





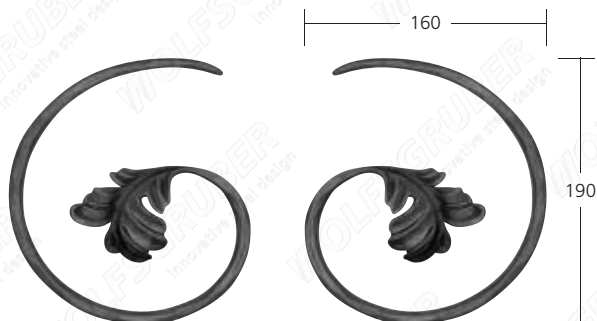
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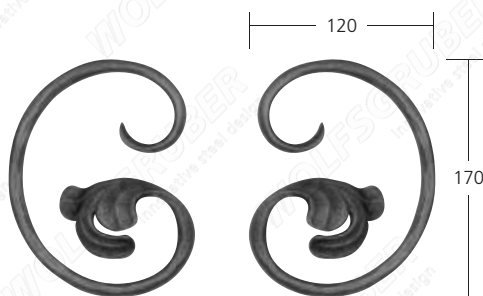
**31242** Mat. Ø 10 mm **31243**

0,28 kg



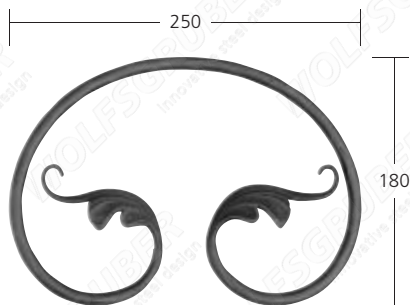
**31238** Mat. Ø 10 mm **31239**

0,35 kg



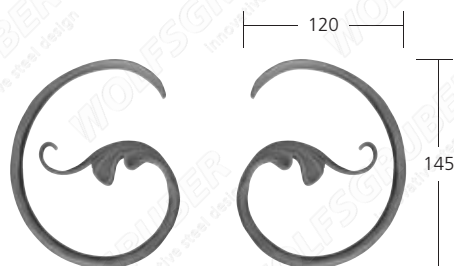
**31246** Mat. Ø 10 mm **31247**

0,26 kg



**31254** Mat. Ø 10 mm

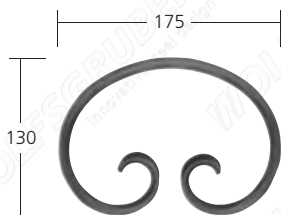
0,44 kg



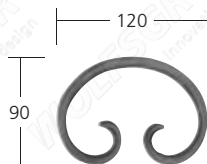
**31250** Mat. Ø 10 mm **31251**

0,22 kg

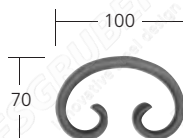
martellato · gehämmert · hammered



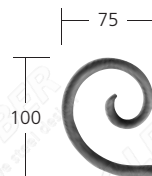
**31410** Mat. Ø 10 mm  
0,30 kg



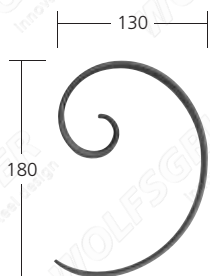
**31420** Mat. Ø 10 mm  
0,19 kg



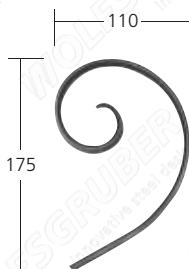
**31430** Mat. Ø 10 mm  
0,14 kg



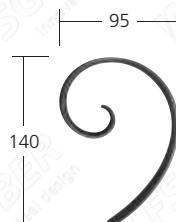
**31440** Mat. Ø 10 mm  
0,12 kg



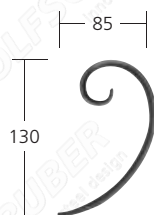
**31610** Mat. 15x4 mm  
0,16 kg



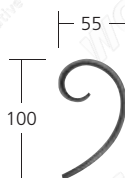
**31620** Mat. 15x4 mm  
0,17 kg



**31630** Mat. 15x4 mm  
0,12 kg



**31650** Mat. 15x4 mm  
0,10 kg

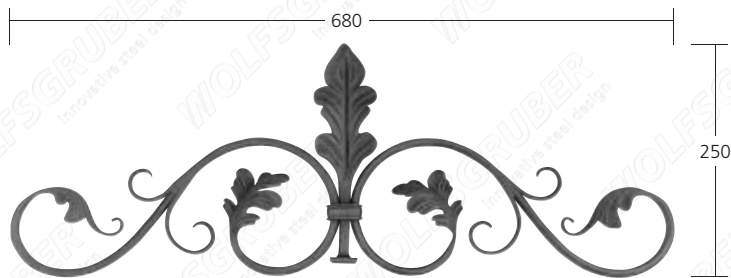


**31640** Mat. 15x4 mm  
0,06 kg

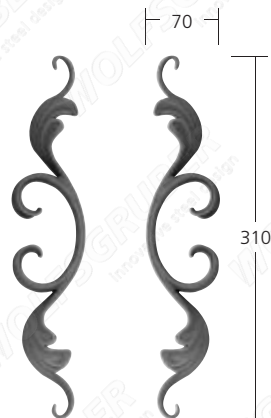


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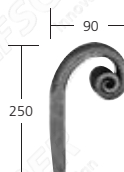
martellato · gehämmert · hammered



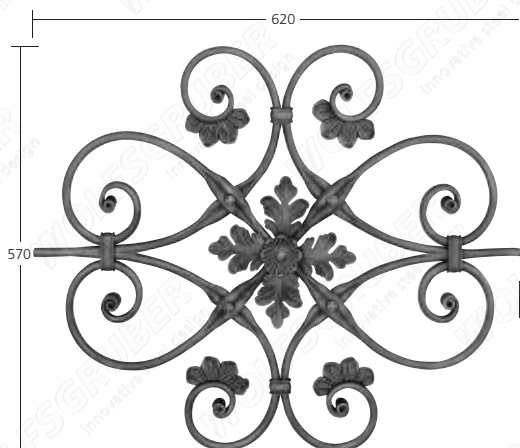
**31810** Mat. Ø 10 mm  
1,36 kg



**31824** Mat. Ø 10 mm  
0,25 kg



**31901** Mat. Ø 14 mm  
0,50 kg  
liscio · glatt · smooth



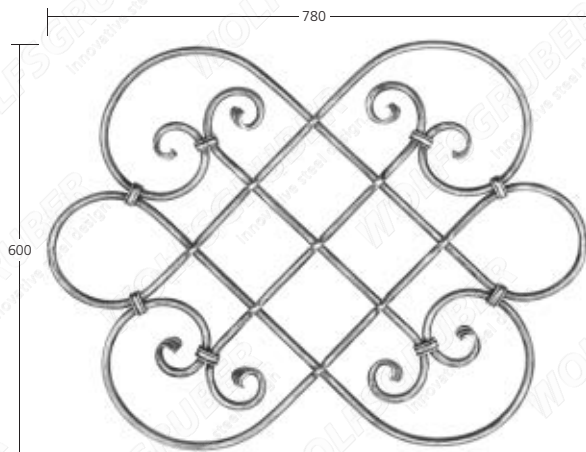
**31900** Mat. Ø 14 mm  
7,76 kg  
liscio · glatt · smooth



**31820** Mat. Ø 10 mm  
0,72 kg



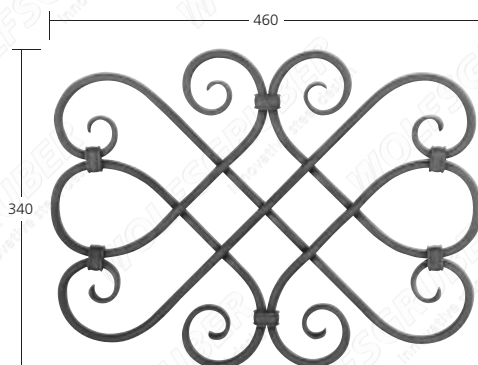




**31920** Mat. Ø 12 mm  
3,60 kg  
liscio · glatt · smooth



**81300** 7,78 kg



**31910** Mat. Ø 10 mm  
2,60 kg

martellato · gehämmert · hammered



pezzi sciolti  
lose  
loose

**31950** Mat. 14x6-8 mm  
2,40 kg

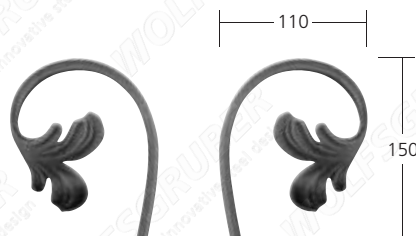
forgiato · geschmiedet · forged



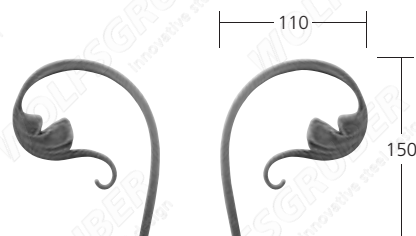


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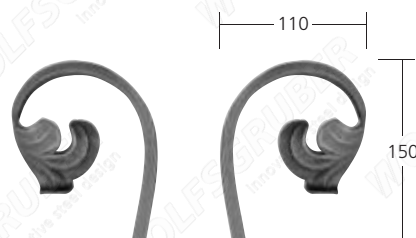
materiale piatto · Flachmaterial · flat material



**32010** Mat. 12x5 mm **32011**  
0,20 kg



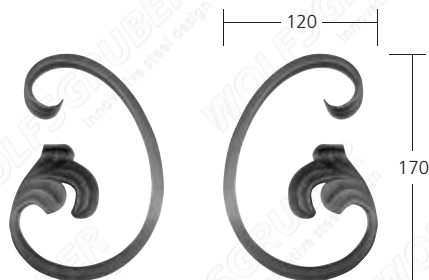
**32020** Mat. 12x5 mm **32021**  
0,16 kg



**32210** Mat. 16x8 mm **32211**  
0,34 kg



**32212** Mat. 16x8 mm **32213**  
0,38 kg

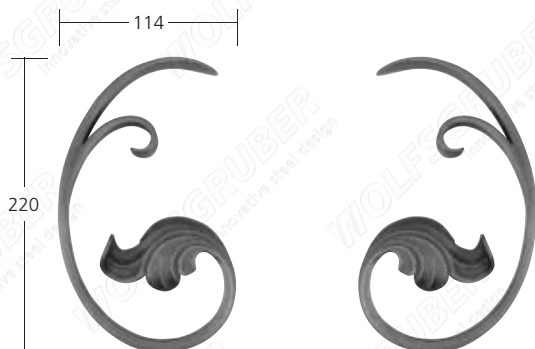


**32214** Mat. 16x8 mm **32215**  
0,40 kg

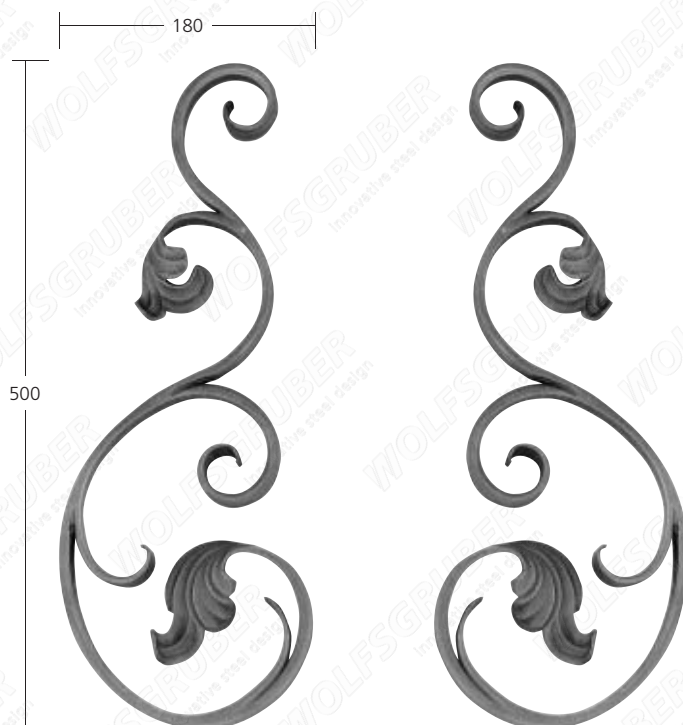


**32216** Mat. 16x8 mm **32217**  
0,54 kg

materiale piatto · Flachmaterial · flat material



**32230** Mat. 16x8 mm **32231**  
0,60 kg



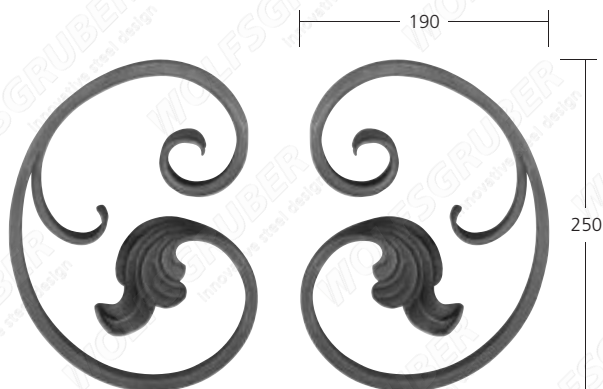
**32234** Mat. 16x8 mm **32235**  
1,50 kg



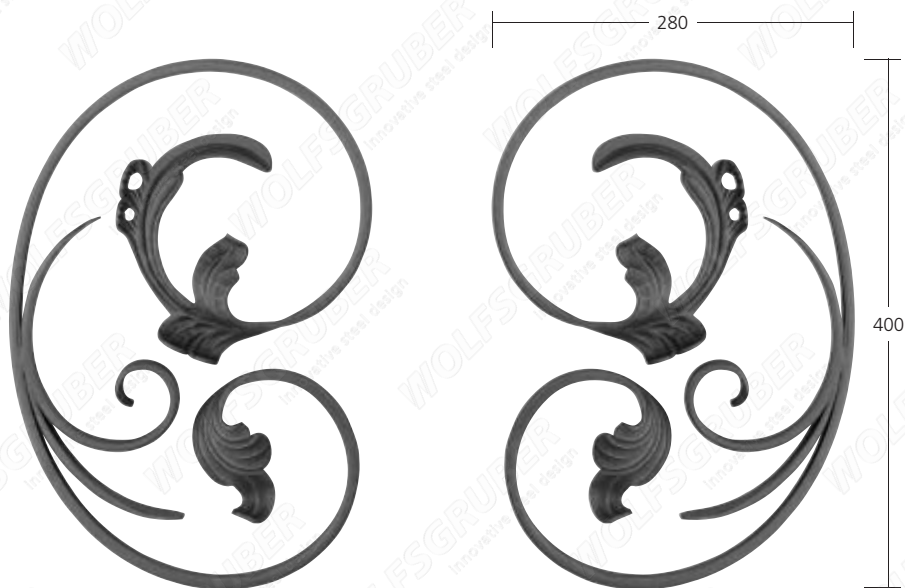


barocco rustico · Ländliches Barock · country baroque

materiale piatto · Flachmaterial · flat material

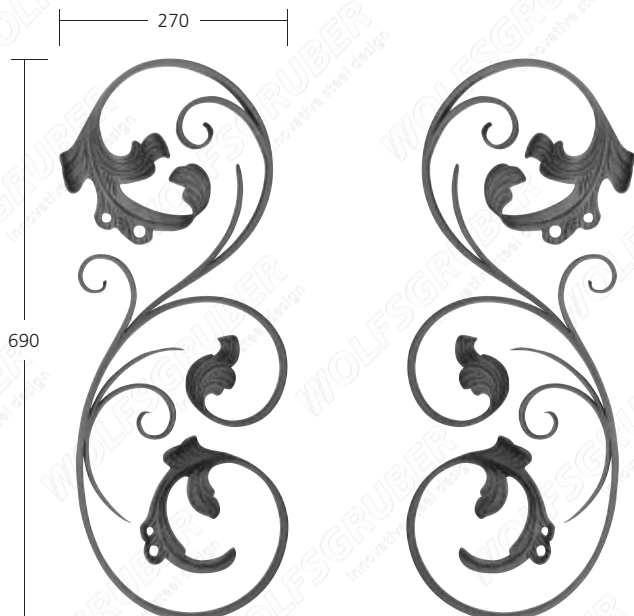


**32238** Mat. 16x8 mm **32239**  
0,92 kg



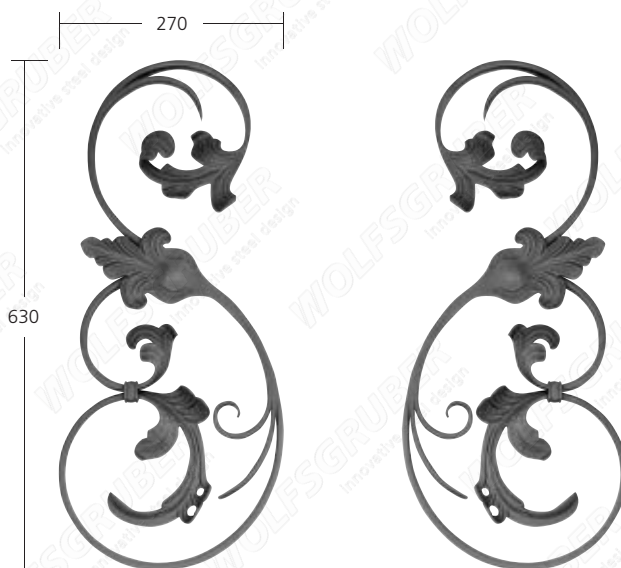
**32250** Mat. 16x8 mm **32251**  
1,84 kg

materiale piatto · Flachmaterial · flat material



32254 Mat. 16x8 mm 32255

3,35 kg



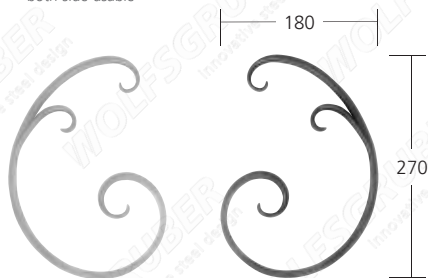
32258 Mat. 16x8 mm 32259

2,86 kg

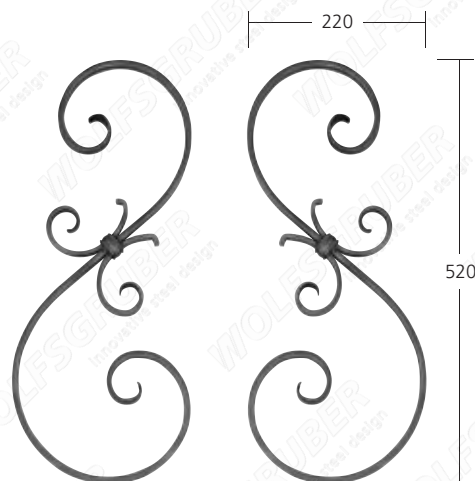


materiale piatto · Flachmaterial · flat material

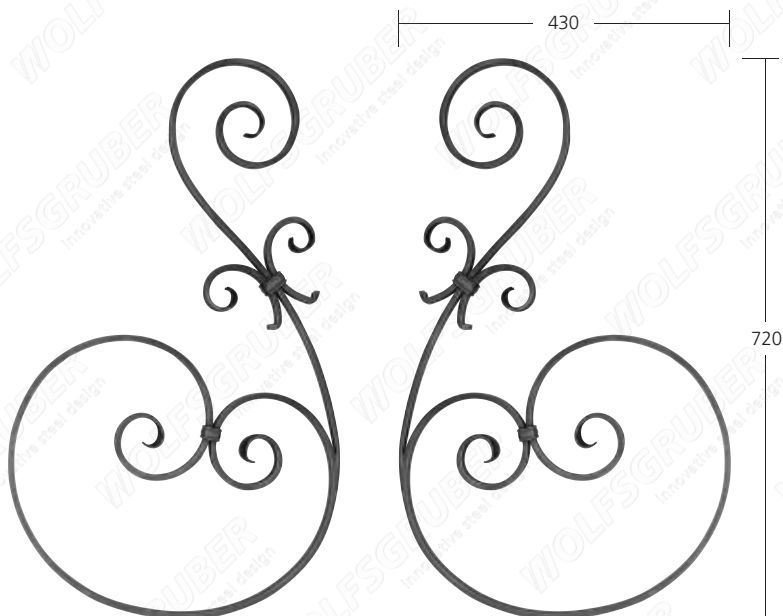
Usabile a due lati  
Beidseitig verwendbar  
both side usable



**32410** Mat. 16x8 mm  
0,78 kg

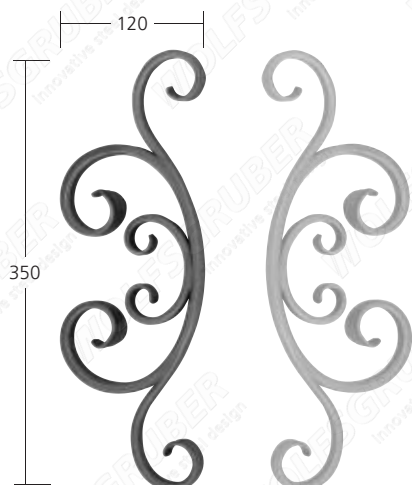


**32414** Mat. 16x8 mm **32415**  
1,66 kg



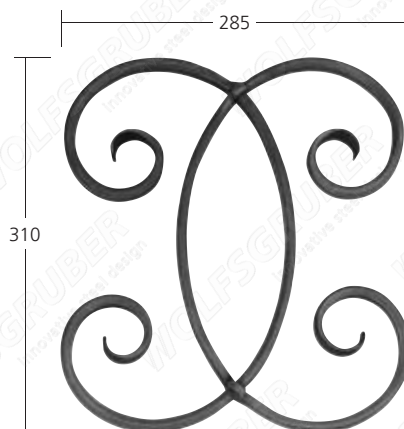
**32418** Mat. 16x8 mm **32419**  
3,40 kg



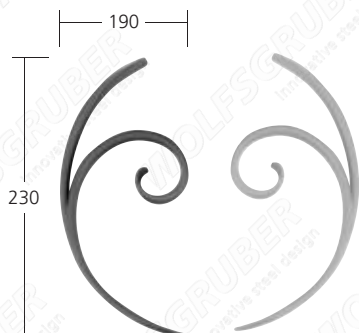


**32430** Mat. 16x8 mm  
0,95 kg

Usabile a due lati  
Beidseitig verwendbar  
both side usable

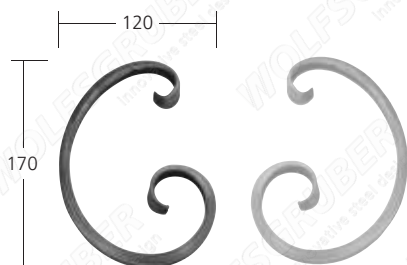


**32424** Mat. 16x8 mm  
1,86 kg



**32434** Mat. 16x6 mm  
0,38 kg

Usabile a due lati  
Beidseitig verwendbar  
both side usable



**32438** Mat. 16x8 mm  
0,46 kg

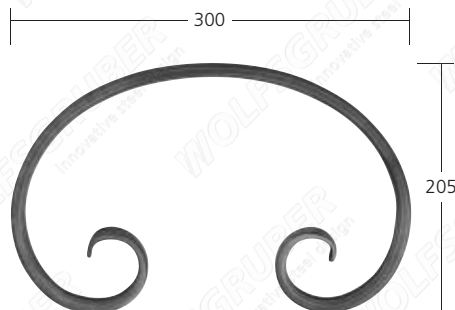
Usabile a due lati  
Beidseitig verwendbar  
both side usable



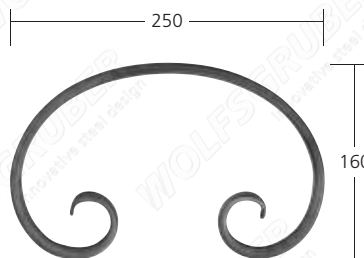


# VOLUTE A "C" E "S" · "C" UND "S" SCHNÖRKEL · SCROLLS IN "C" AND "S"

materiale piatto · Flachmaterial · flat material



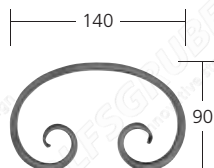
**32450** Mat. 16x8 mm  
1,00 kg



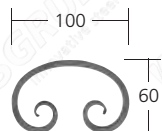
**32452** Mat. 16x8 mm  
0,68 kg



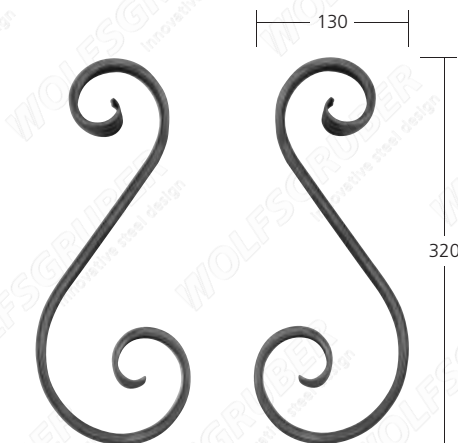
**32454** Mat. 16x8 mm  
0,60 kg



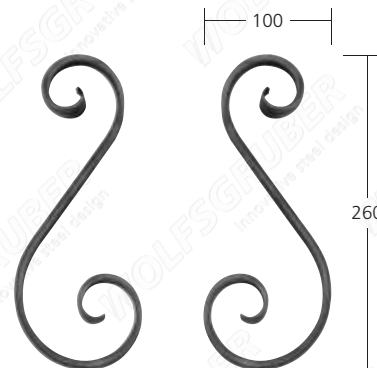
**32456** Mat. 16x8 mm  
0,38 kg



**32458** Mat. 16x6 mm  
0,16 kg

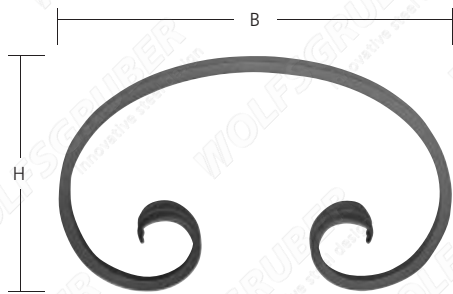


**32460** Mat. 16x8 mm  
0,58 kg



**32462** Mat. 16x8 mm  
0,70 kg





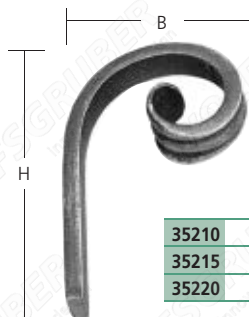
	B	H	Mat.
<b>34110</b>	60	150	12x5
<b>34120</b>	70	170	12x5
<b>34130</b>	120	240	12x5

	B	H	Mat.
<b>34014</b>	80	50	12x5
<b>34012</b>	100	60	12x5
<b>34010</b>	120	70	12x5
<b>34015</b>	130	80	12x5
<b>34018</b>	150	80	12x5
<b>34017</b>	180	100	12x5
<b>34016</b>	220	130	12x5

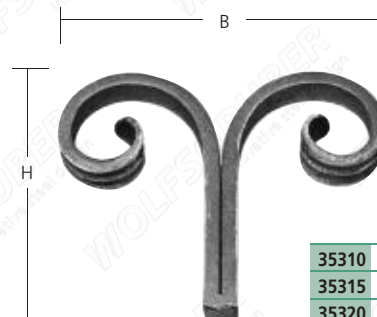
	B	H	Mat.
<b>35014</b>	80	50	12x6
<b>35012</b>	100	60	12x6
<b>35010</b>	120	70	12x6
<b>35015</b>	130	80	12x6
<b>35018</b>	150	80	12x6
<b>35017</b>	180	100	12x6
<b>35016</b>	220	130	12x6



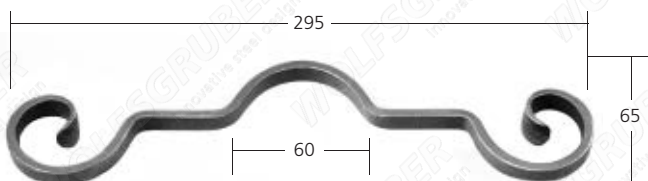
	B	H	Mat.
<b>35110</b>	60	150	12x6
<b>35120</b>	70	170	12x6
<b>35130</b>	120	240	12x6



	B	H	Mat.
<b>35210</b>	50	100	12x6
<b>35215</b>	60	100	12x6
<b>35220</b>	70	100	12x6



	B	H	Mat.
<b>35310</b>	100	100	12x6
<b>35315</b>	120	100	12x6
<b>35320</b>	140	100	12x6



<b>35410</b>	Mat. 12x6 mm
0,22 kg	

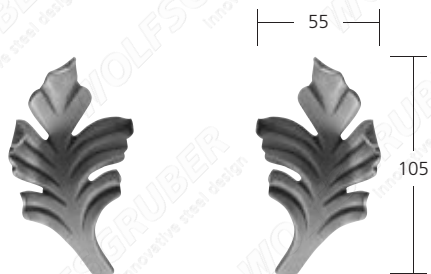


<b>35420</b>	Mat. 12x6 mm
0,18 kg	





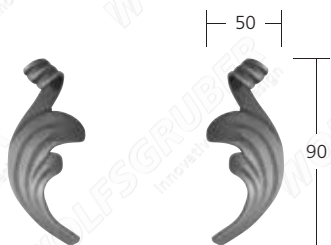
barocco antico · Schwerbarock · antique baroque



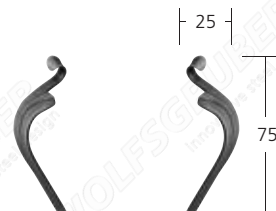
**36010** Mat. 3 mm **36011**  
0,08 kg



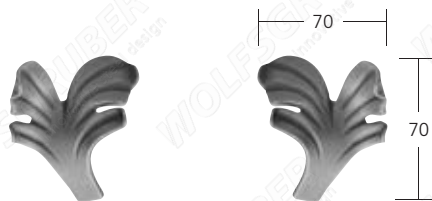
**36012** Mat. 3 mm  
0,08 kg



**36014** Mat. 3 mm **36015**  
0,06 kg

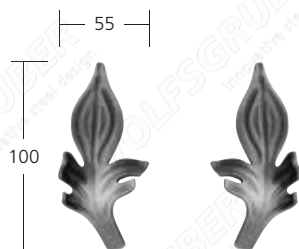


**36016** Mat. 2,5 mm **36017**  
0,04 kg

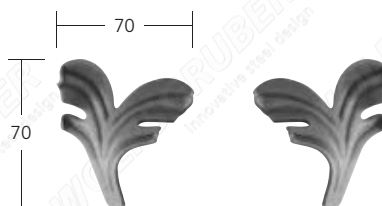


**36018** Mat. 3 mm **36019**  
0,06 kg

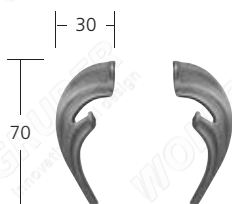
barocco leggero · Leichtbarock · light baroque



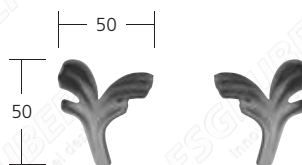
**36050** Mat. 2,5 mm **36051**  
0,06 kg



**36054** Mat. 2,5 mm **36055**  
0,05 kg

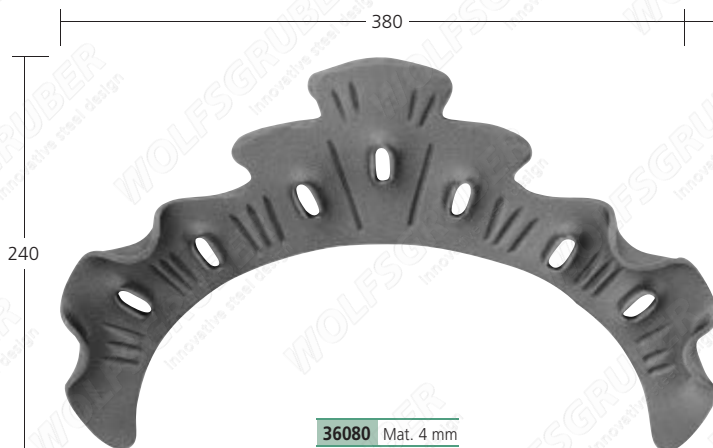


**36056** Mat. 2,5 mm **36057**  
0,03 kg

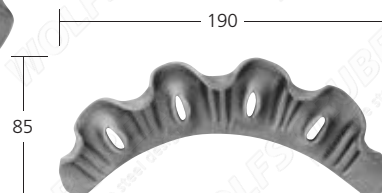


**36058** Mat. 2,5 mm **36059**  
0,03 kg

Creste barocche · Barockkämme · Baroque combs



**36080** Mat. 4 mm  
1,08 kg



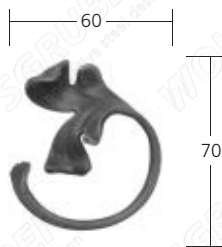
**36082** Mat. 4 mm  
0,28 kg



barocco leggero · Leichtbarock · light baroque



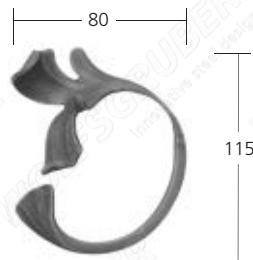
**36110** Mat. 10x3 mm  
0,04 kg



**36111** Mat. 10x3 mm  
0,04 kg



**36112** Mat. 12x5 mm  
0,11 kg



**36113** Mat. 12x5 mm  
0,11 kg



**36114** Mat. 12x5 mm  
0,15 kg



**36115** Mat. 12x5 mm  
0,15 kg



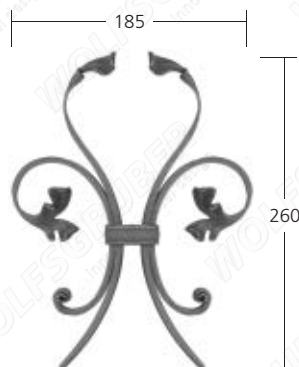
**36120** Mat. 12x5 mm  
0,70 kg



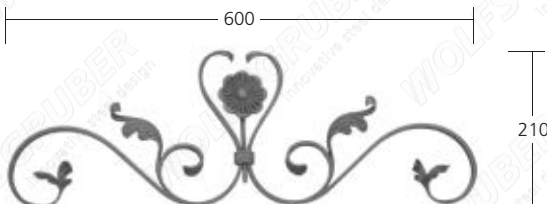
**36121** Mat. 12x5 mm



**36122** Mat. 12x5 mm  
0,80 kg



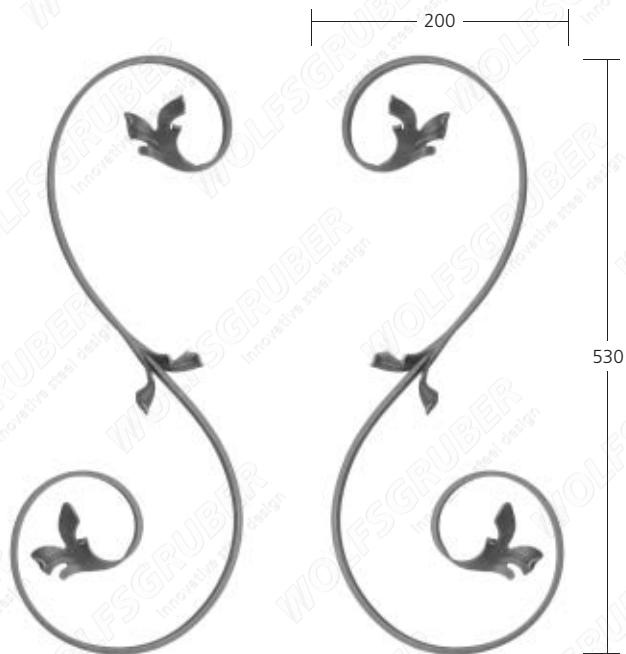
**36124** Mat. 12x5 mm  
0,62 kg



**36126** Mat. 12x5 mm  
1,10 kg

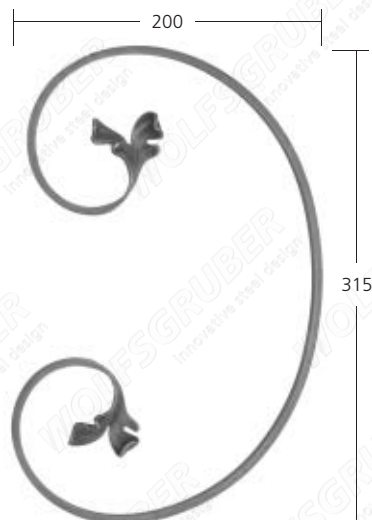


barocco leggero · Leichtbarock · light baroque

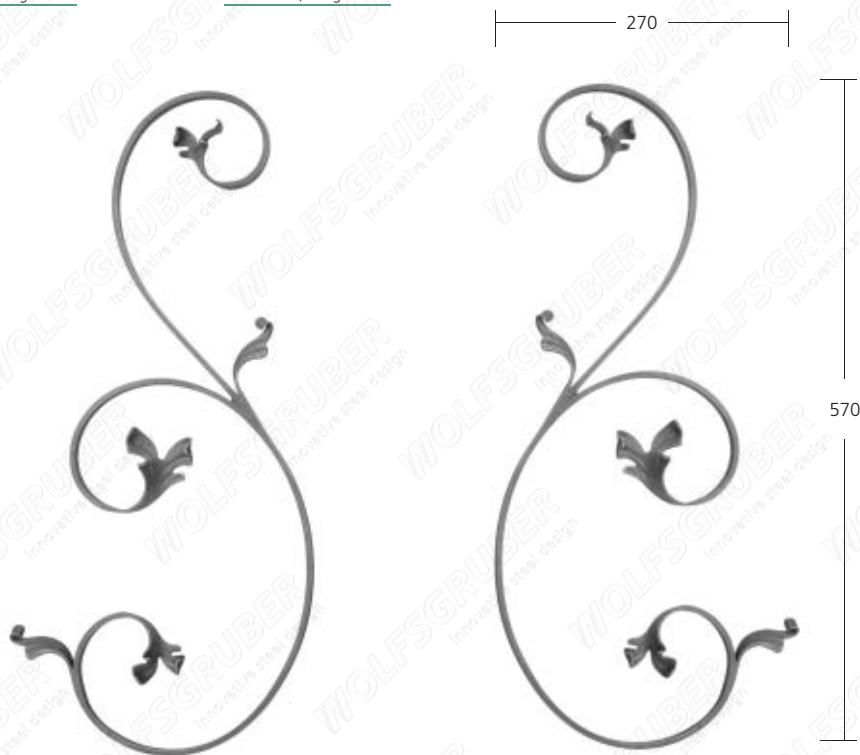


**36130** Mat. 12x5 mm  
0,72 kg

**36131** Mat. 12x5 mm  
0,72 kg



**36134** Mat. 12x5 mm  
0,46 kg

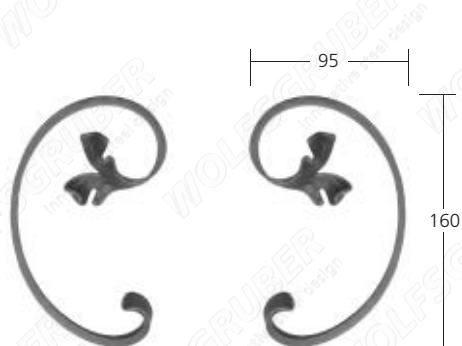


**36136** Mat. 12x5 mm  
0,74 kg

**36137** Mat. 12x5 mm  
0,74 kg



barocco leggero · Leichtbarock · light baroque



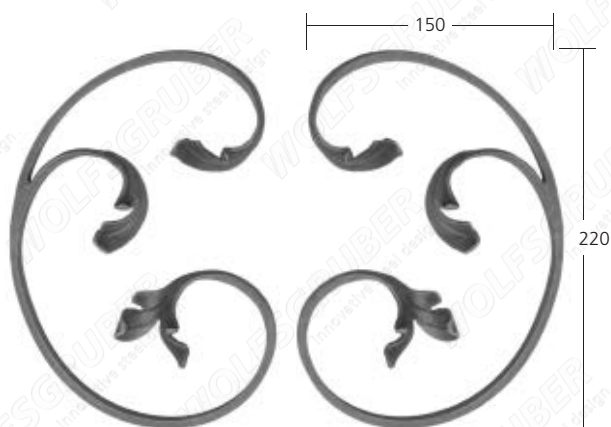
**36140** Mat. 12x5 mm  
0,17 kg

**36141** Mat. 12x5 mm  
0,17 kg



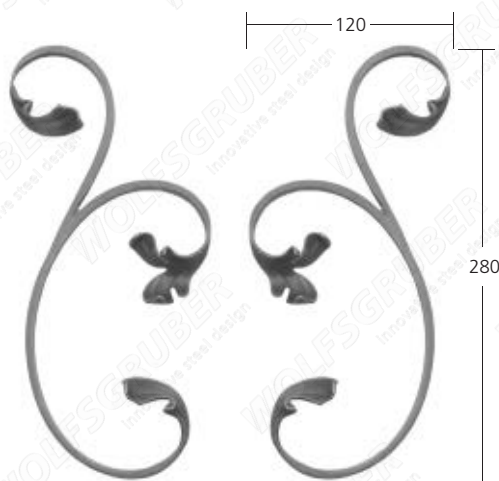
**36142** Mat. 12x5 mm  
0,20 kg

**36143** Mat. 12x5 mm  
0,20 kg



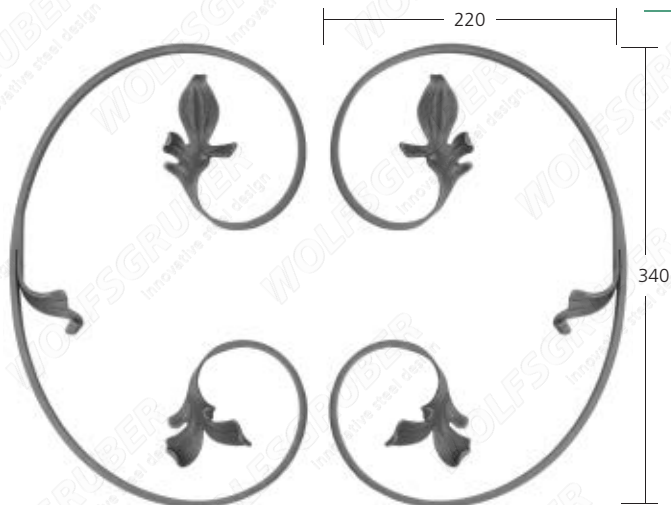
**36146** Mat. 12x5 mm  
0,32 kg

**36147** Mat. 12x5 mm  
0,32 kg



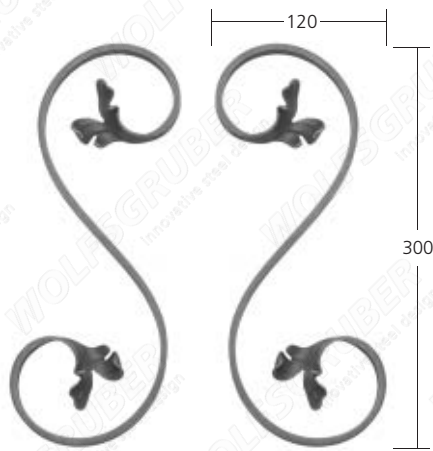
**36148** Mat. 12x5 mm  
0,30 kg

**36149** Mat. 12x5 mm  
0,30 kg



**36150** Mat. 12x5 mm  
0,54 kg

**36151** Mat. 12x5 mm  
0,54 kg

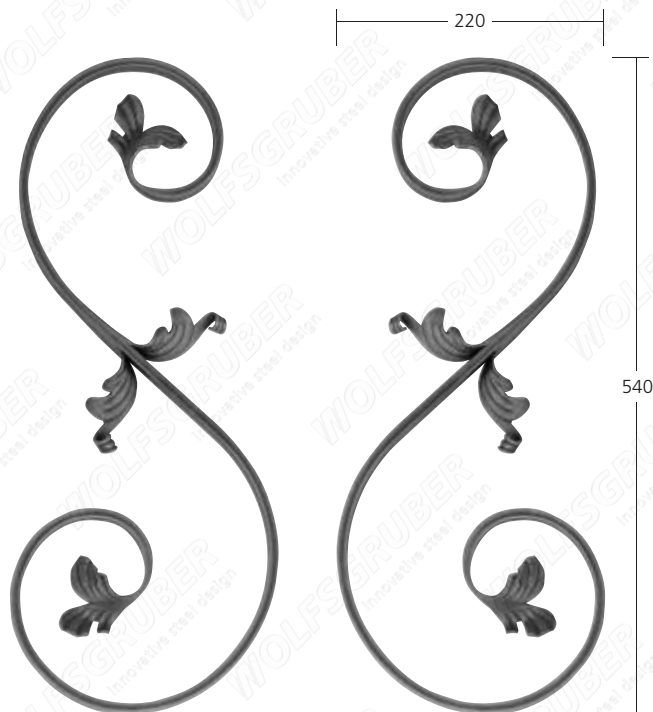


**36152** Mat. 12x5 mm  
0,31 kg

**36153** Mat. 12x5 mm  
0,31 kg

barocco antico · Schwerbarock · antique baroque

scanalato · gerillt · grooved



**36210** Mat. 16X8 mm **36211**  
1,40 kg



**36220** Mat. 16X8 mm **36221**  
0,80 kg

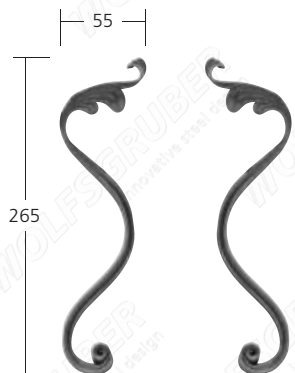
**36230** Mat. 16X8 mm **36231**  
0,50 kg



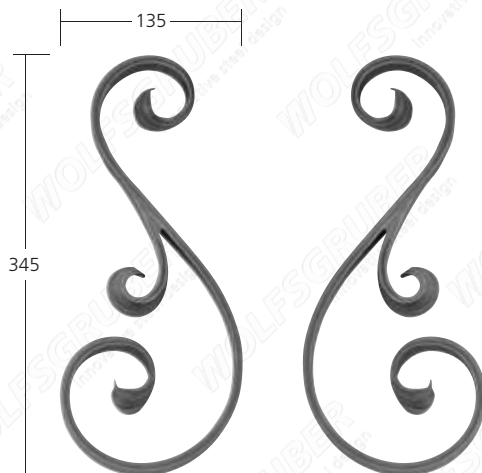


barocco antico · Schwerbarock · antique baroque

scanalato · gerillt · grooved



**36240** Mat. 16X8 mm **36241**  
0,30 kg



**36410** Mat. 16X8 mm **36411**  
0,90 kg



**36420** Mat. 16x8 mm  
1,30 kg



**36422** Mat. 16x8 mm  
1,00 kg



**36430** Mat. 16x8 mm  
1,00 kg



**36440** Mat. 16x8 mm  
0,40 kg

scanalato · gerillt · grooved



**36450** Mat. 16x8 mm  
0,80 kg



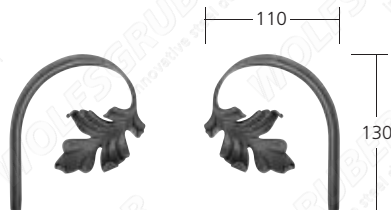
**36452** Mat. 16x8 mm  
0,50 kg



**36460** Mat. 16X8 mm **36461**  
0,35 kg



**36462** Mat. 16x8 mm  
0,34 kg



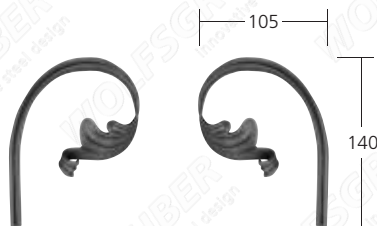
**36510** Mat. 16X8 mm **36511**  
0,28 kg



**36514** Mat. 16X8 mm **36515**  
0,25 kg



**36530** Mat. 16x8 mm  
0,30 kg

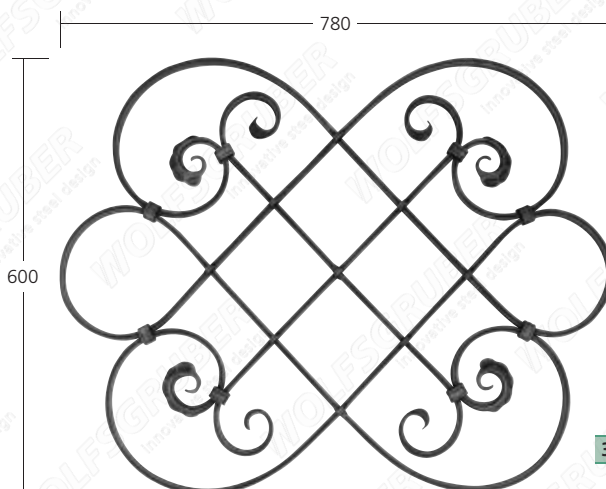
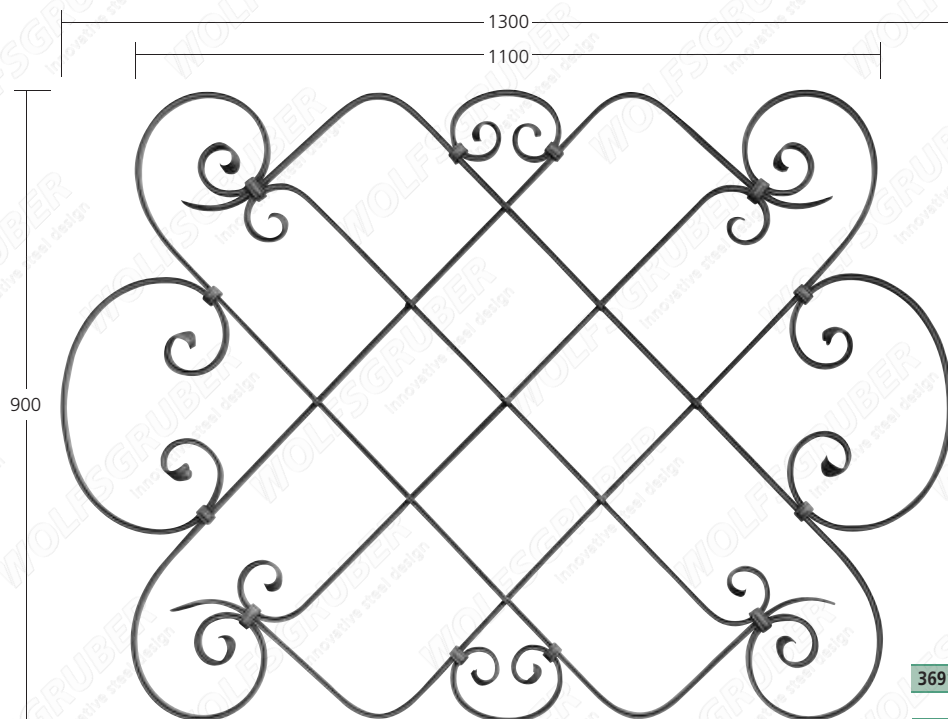


**36518** Mat. 16X8 mm **36519**  
0,25 kg



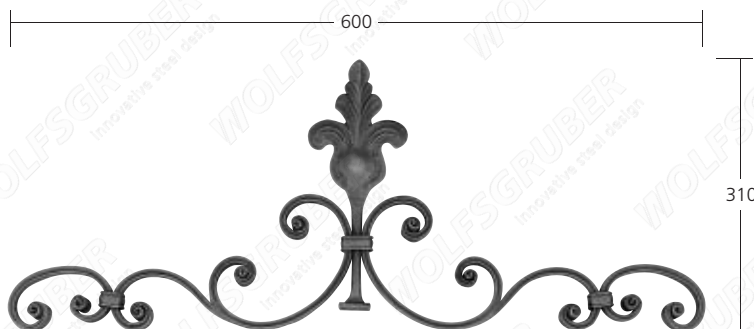
barocco antico · Schwerbarock · antique baroque

scanalato · gerillt · grooved

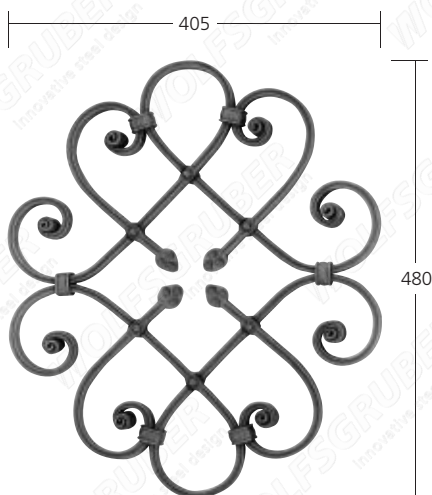




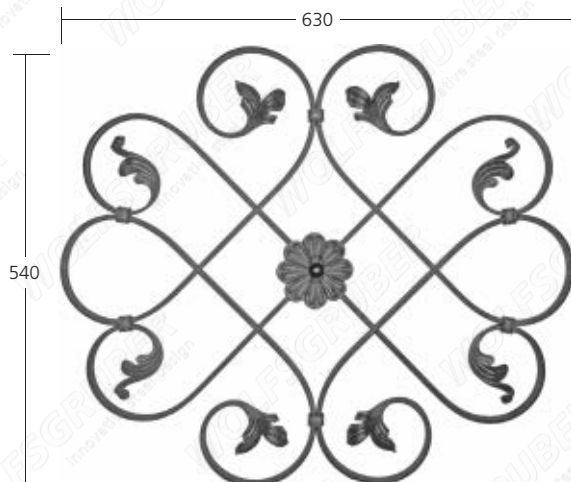
scanalato · gerillt · grooved



**36960** Mat. 16x8 mm  
2,27 kg



**36930** Mat. 16x8 mm  
4,00 kg



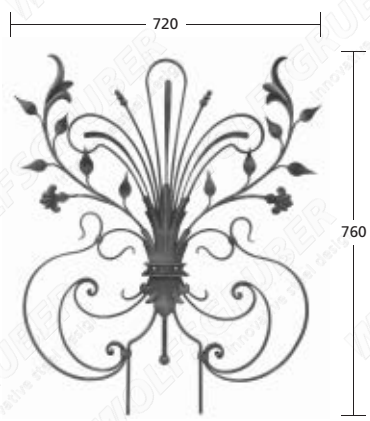
**36940** Mat. 12x6 mm  
2,9 kg



**36980** Mat. 16x8 mm  
3,60 kg



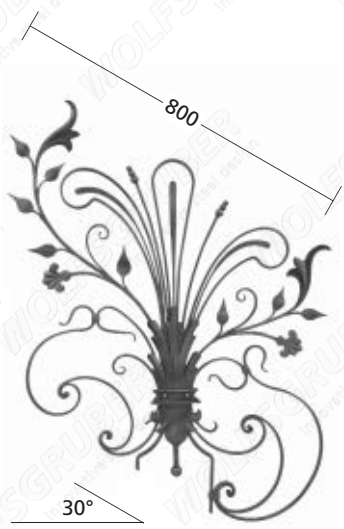
Trenta



**37020** 15x8 / 12x6 mm



**37022** 15x8 / 12x6 mm



**37023** 15x8 / 12x6 mm



**37110**



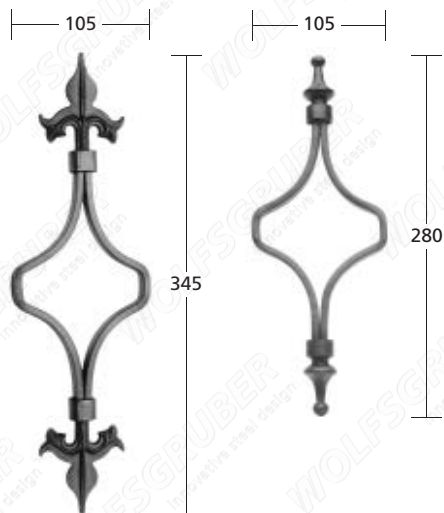
**37114** ø 10 mm



**37115** 12x6 mm

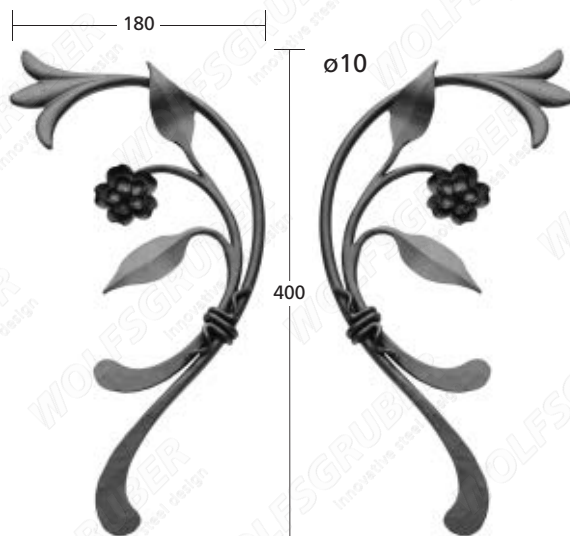


**37116** 12x6 mm



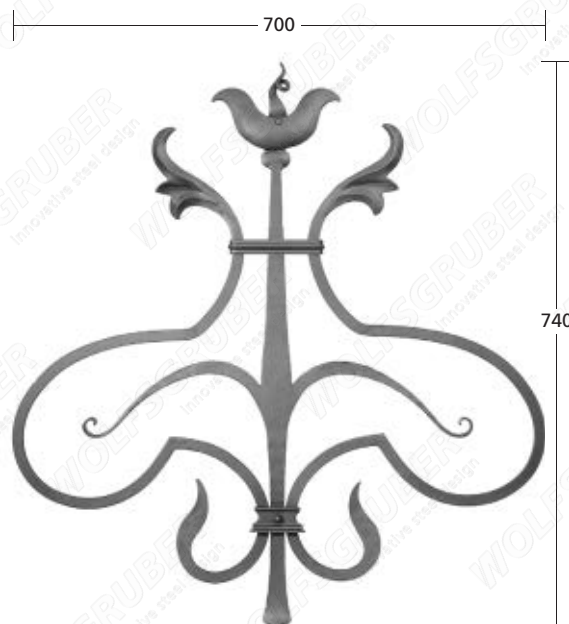
37130 12x6 mm

37132 12x6 mm

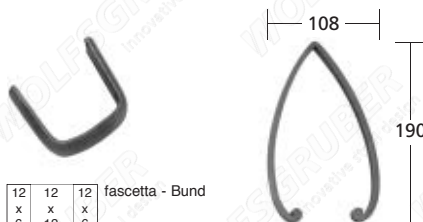


37140

37142



37120



12 x 6 fascetta - Bund  
12 x 12 x 6

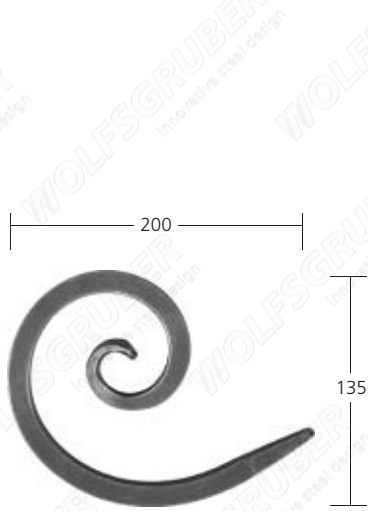
37152 16x3 mm

37150 12x6 mm



37125 12x6 mm

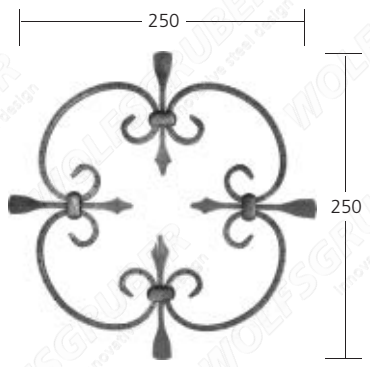




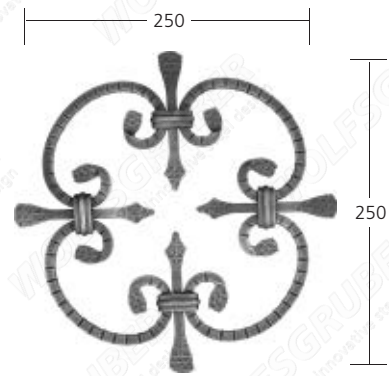
**35710** Mat. 14x14



**35720** Mat. 14x14



**35820** Mat. 10x5



**35810** Mat. 8x8

**OGGETTI PICCOLI**  
**KLEINTEILE**  
**SMALL OBJECTS**



**WOLFSGRUBER**  
innovative steel design



**40010** Mat. 2 mm

0,03 kg

foro  
Loch · hole Ø 5,5 mm



**40020** Mat. 1 mm

0,02 kg

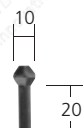
foro  
Loch · hole Ø 5,5 mm



**40030** Mat. 1 mm

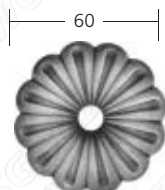
0,01 kg

foro  
Loch · hole Ø 5,5 mm



**48500** Mat. Ø 5 mm

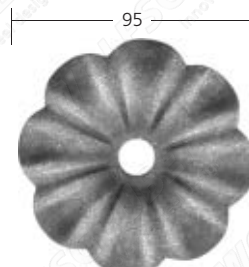
0,01 kg



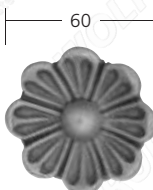
**40060** Mat. 3 mm



**40065** Mat. 10 mm

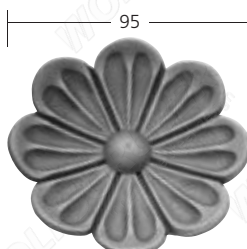


**40090** Mat. 3 mm



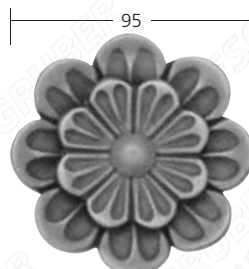
**40106** Mat. 5 mm

0,10 kg



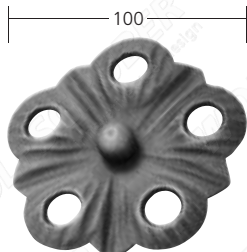
**40110** Mat. 4 mm

0,20 kg



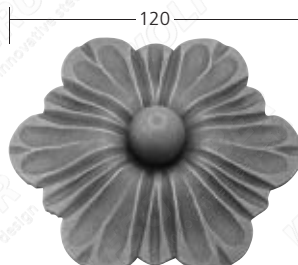
**40116** Mat. 4 mm

0,20 kg



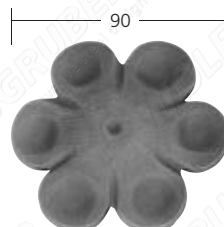
**40120** Mat. 4 mm

0,20 kg



**40125** Mat. 4 mm

0,32 kg



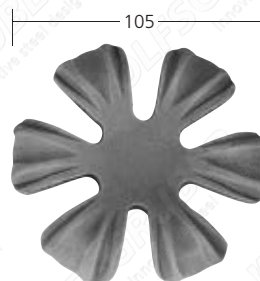
**40130** Mat. 5 mm

0,24 kg

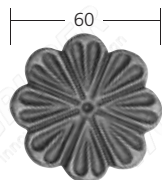




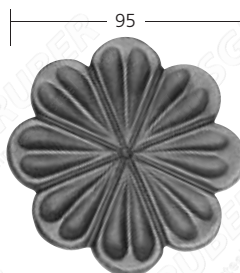
**40135** Mat. 4 mm  
0,24 kg



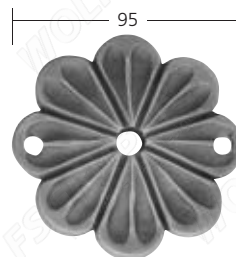
**40140** Mat. 6 mm  
0,26 kg



**40206** Mat. 5 mm  
0,08 kg



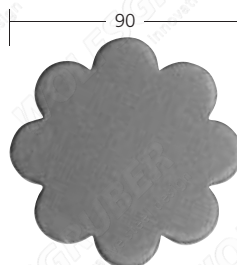
**40210** Mat. 4 mm  
0,18 kg



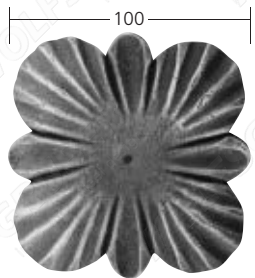
**40220** Mat. 4 mm  
0,17 kg  
Foro  
Loch · hole Ø 10,5-7 mm



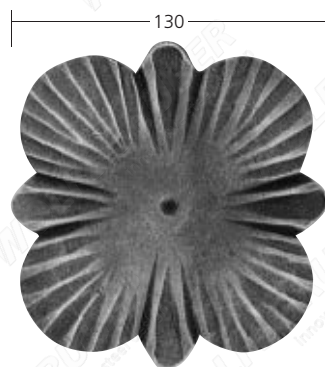
**40306** Mat. 5 mm  
0,08 kg



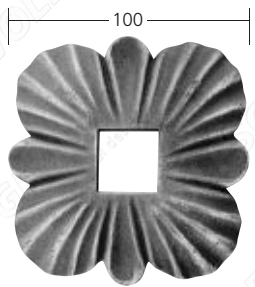
**40310** Mat. 4 mm  
0,18 kg



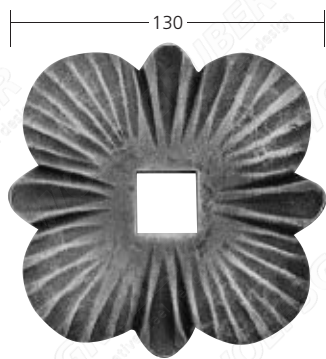
**40610** Mat. 6 mm  
0,36 kg



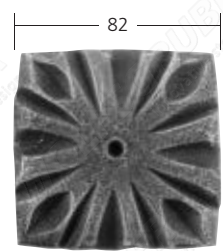
**40620** Mat. 6 mm  
0,62 kg



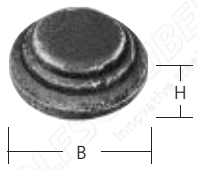
**40618** Mat. 6 mm  
0,32 kg  
∅25,5 mm



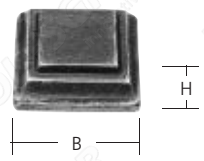
**40628** Mat. 6 mm  
0,58 kg  
∅25,5 mm



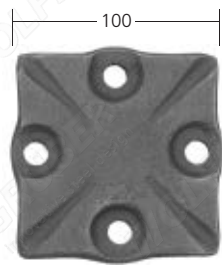
**40630** Mat. 8 mm  
0,40 kg



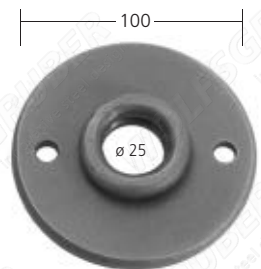
	B	H	
<b>40604</b>	40	15	0,075 kg
<b>40605</b>	50	15	0,125 kg
<b>40606</b>	60	18	0,220 kg
<b>40608</b>	80	18	0,330 kg



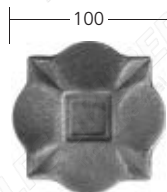
	B	H	
<b>40634</b>	40	15	0,075 kg
<b>40635</b>	50	15	0,125 kg
<b>40636</b>	60	18	0,220 kg
<b>40638</b>	80	18	0,330 kg



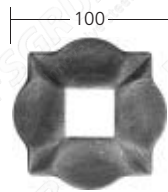
**40632** Mat. 8 mm  
0,40 kg



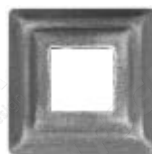
**40622** Mat. 6 mm  
0,34 kg



**40670** Mat. 10 mm

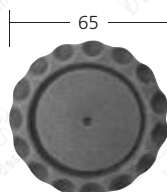


**40672** Mat. 10 mm



H = 20 mm

<b>40682</b>	Mat. 40x40 - $\varnothing$ 12,5 mm
<b>40684</b>	Mat. 50x50 - $\varnothing$ 20,5 mm
<b>40685</b>	Mat. 60x60 - $\varnothing$ 25,5 mm
<b>40686</b>	Mat. 60x60 - $\varnothing$ 30,5 mm
<b>40687</b>	Mat. 80x80 - $\varnothing$ 30,5 mm
<b>40688</b>	Mat. 80x80 - $\varnothing$ 40,5 mm



**40640** Mat. 5 mm  
0,12 kg



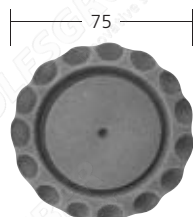
**40642** Mat. 5 mm  
0,11 kg  
 $\varnothing$  12,5 mm



**40645** Mat. 5 mm  
0,10 kg



**40647** Mat. 5 mm  
0,09 kg  
 $\varnothing$  12,5 mm



**40650** Mat. 5 mm  
0,15 kg



**40654** Mat. 5 mm  
0,14 kg  
 $\varnothing$  16,5 mm



**40656** Mat. 5 mm  
0,13 kg  
 $\varnothing$  20,5 mm



**40658** Mat. 5 mm  
0,12 kg  
 $\varnothing$  25,5 mm



**40660** Mat. 5 mm  
0,16 kg



**40664** Mat. 5 mm  
0,15 kg  
 $\varnothing$  16,5 mm



**40666** Mat. 5 mm  
0,14 kg  
 $\varnothing$  20,5 mm



**40668** Mat. 5 mm  
0,13 kg  
 $\varnothing$  25,5 mm





**41012** 0,95 kg



**41014** 1,85 kg



**41016** 3,70 kg



**41018** 5,50 kg



**41024** 0,80 kg



**41028** 6,40 kg



**41032** 0,60 kg



**41034** 1,70 kg



**41038** 5,30 kg



**41042** 0,50 kg



**41044** 0,90 kg



**41048** 5,50 kg



	Mat.	B	H
<b>41301</b>	Ø12	44	98
<b>41302</b>	Ø15	55	122



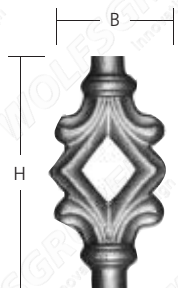
**41314N**  $\nabla$  20 mm  
0,25 kg



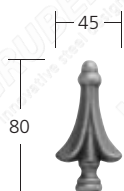
**41316N**  $\nabla$  32 mm  
0,65 kg



**41318N**  $\nabla$  41 mm  
1,13 kg



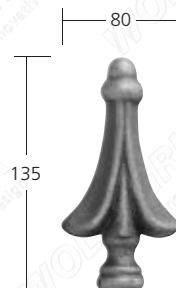
	Mat.	B	H
<b>41320</b>	Ø12	45	95
<b>41321</b>	Ø15	56	120



**41322N** Ø 19 mm  
0,15 kg



**41324N** Ø 24 mm  
0,35 kg



**41326** Ø 36 mm  
0,85 kg



**41332**  $\nabla$  12 mm  
0,16 kg



**41334** Ø 18 mm  
0,40 kg



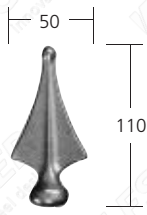
**41344** Ø 30 mm  
0,25 kg



**41346** Ø 33 mm  
0,38 kg



**41330** Ø 10 mm  
0,12 kg



**41350** Ø 25 mm  
0,16 kg



**41352** Ø 31 mm  
0,24 kg



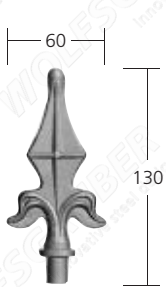
**41354** Ø 25 mm  
0,32 kg



**41356** Ø 30 mm  
0,52 kg



**41358** Ø 40 mm  
0,96 kg



**41360** Ø 11 mm  
0,17 kg



**41362** Ø 16 mm  
0,33 kg



**41364N** Ø 12 mm  
0,16 kg



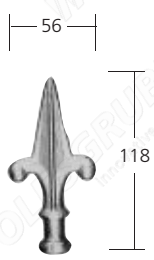
**41365N** Ø 20 mm  
0,15 kg



**41366N** Ø 17 mm  
0,32 kg



**41368** Ø 19 mm  
0,50 kg



**41370** Ø 21 mm  
0,16 kg



**41372** Ø 24 mm  
0,25 kg



**41374** Ø 12 mm  
0,14 kg



**41376** Ø 16 mm  
0,30 kg

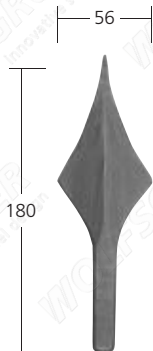


**41378** Ø 20 mm  
0,45 kg

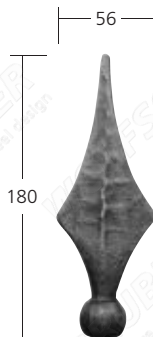




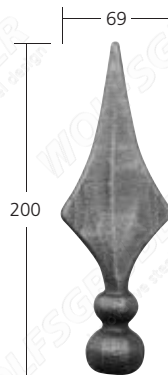
**41414**  $\varnothing$  14 mm  
0,30 kg



**41424**  $\varnothing$  14 mm  
0,26 kg



**41434**  $\varnothing$  29 mm  
0,38 kg



**41446**  $\varnothing$  34 mm  
0,58 kg



**41452**  $\varnothing$  15 mm  
0,18 kg



**41464**  $\varnothing$  12 mm  
0,12 kg



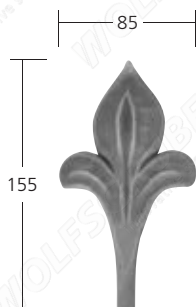
**41466**  $\varnothing$  16 mm  
0,22 kg



**41476**  $\varnothing$  24 mm  
0,30 kg



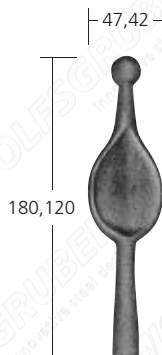
**41477**  $\varnothing$  40 mm  
1,04 kg



**30226**  $\varnothing$  12 mm  
0,18 kg



**30227** 30x4 mm  
0,18 kg



Mat.  
**41486**  $\varnothing$  12-16 mm 0,28 kg  
**41487** 12x13 mm 0,12 kg



**41498**  $\varnothing$  12 mm  
0,18 kg



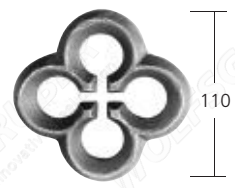
	h	∅
41512	100	20x20
41514	125	25x25
41516	135	32x32
41517	150	40x40



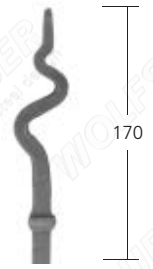
41525 ∅18X20 mm



41536 ∅ 16 mm  
0,34 kg

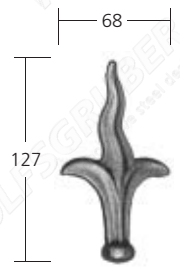


41560 Mat. 14 mm  
0,42 kg

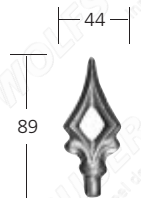


41510 ∅12mm  
0,25 kg

## lance con foro · Zaunspitzen mit Bohrung · spears with hole



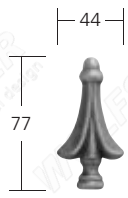
∅ 12,5 foro Bohrung hole  
41565



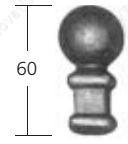
∅ 12,5 foro Bohrung hole  
41300



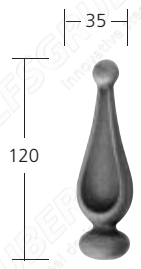
∅ 12,5 foro Bohrung hole  
41315



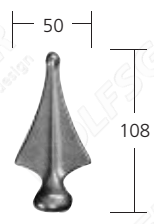
∅ 12,5 foro Bohrung hole  
41323N



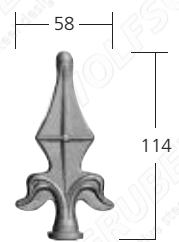
∅ 12,5 foro Bohrung hole  
41333



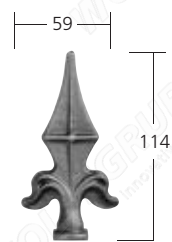
∅ 12,5 foro Bohrung hole  
41345



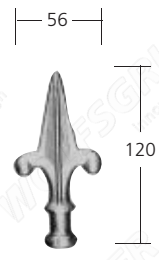
∅ 12,5 foro Bohrung hole  
41351



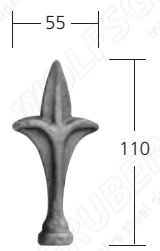
∅ 12,5 foro Bohrung hole  
41361



∅ 12,5 foro Bohrung hole  
41363N



∅ 12,5 foro Bohrung hole  
41371



∅ 12,5 foro Bohrung hole  
41375



**41610**  $\varnothing$ 25 mm  
1,96 kg



**41625**  $\varnothing$ 20 mm  
0,96 kg



**41630**  $\varnothing$ 25 mm  
0,92 kg



**41635**  $\varnothing$ 25 mm  
0,58 kg



**41640**  $\varnothing$ 14 mm  
0,56 kg



**41645**  $\varnothing$ 16 mm  
1,22 kg



**41655**  $\varnothing$ 14 mm  
0,42 kg



**41660**  $\varnothing$ 14 mm  
0,33 kg



**41665**  $\varnothing$  13 mm  
0,30 kg

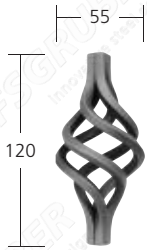


**41670**  $\varnothing$  12 mm  
0,31 kg



**41675**  $\varnothing$  14 mm  
0,52 kg





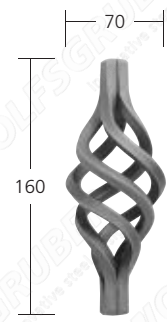
**42112**  $\varnothing$ 12 mm  
0,18 kg



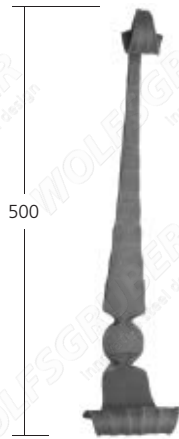
**42113**  $\varnothing$ 12 mm  
0,20 kg



**42114**  $\varnothing$ 14 mm  
0,33 kg



**42116**  $\varnothing$ 16 mm  
0,42 kg



**42252** Mat. 10 mm  
2,10 kg



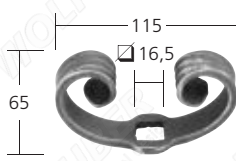
**42250** Mat. 10 mm  
1,60 kg



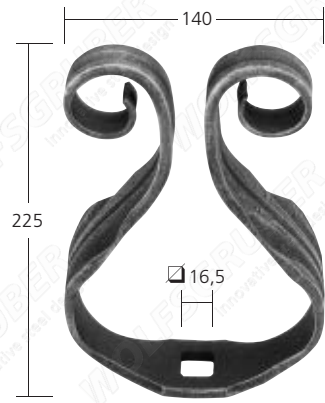
**42120**  $\varnothing$ 20 mm  
0,84 kg



**42124**  $\varnothing$ 24 mm  
1,30 kg



**42210** Mat. 20x6 mm  
0,26 kg



**42220** Mat. 40x8 mm  
0,98 kg



**42230** Mat. 40x8 mm  
1,24 kg

stampate a caldo · warm gepresst · pressed with heat



foro  
Loch  
hole

<b>43112</b>	Ø 12,5 mm	0,18 kg
<b>43113</b>	∅ 12,5 mm	0,18 kg
<b>43114</b>	Ø 14,5 mm	0,18 kg



foro  
Loch  
hole

<b>43122</b>	Ø 12,5 mm	0,21 kg
<b>43123</b>	∅ 12,5 mm	0,25 kg
<b>43124</b>	Ø 14,5 mm	0,25 kg
<b>43126</b>	Ø 16,5 mm	0,16 kg



foro  
Loch  
hole

<b>43215</b>	∅ 14,5 mm	0,22 kg
<b>43214</b>	Ø 14,5 mm	0,22 kg
<b>43216</b>	Ø 16,5 mm	0,21 kg



foro  
Loch  
hole

<b>43225</b>	∅ 14,5 mm	0,30 kg
<b>43224</b>	Ø 14,5 mm	0,30 kg
<b>43226</b>	Ø 16,5 mm	0,30 kg
<b>43227</b>	∅ 16,5 mm	0,22 kg



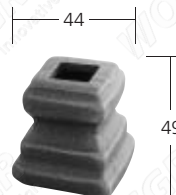
**43315** 0,31 kg

foro  
Loch · hole ∅ 14,5 mm



**43325** 0,42 kg

foro  
Loch · hole ∅ 14,5 mm



**43417** 0,34 kg

foro  
Loch · hole ∅ 16,5 mm



**43427** 0,70 kg

foro  
Loch · hole ∅ 16,5 mm



foro  
Loch  
hole

<b>43514</b>	Ø 14,5 mm	0,25 kg
<b>43516</b>	Ø 16,5 mm	0,24 kg
<b>43515</b>	∅ 14,5 mm	0,25 kg
<b>43517</b>	∅ 16,5 mm	0,24 kg



**43614** 0,20 kg

foro  
Loch · hole Ø 14,5 mm



foro  
Loch  
hole

<b>43713</b>	∅ 12,5 mm	0,23 kg
<b>43714</b>	Ø 14,5 mm	0,23 kg



foro  
Loch  
hole

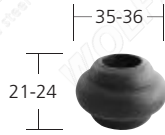
<b>43723</b>	∅ 12,5 mm	0,39 kg
<b>43724</b>	Ø 14,5 mm	0,44 kg



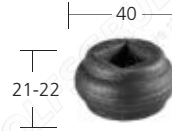
torcito · gedreht · turned



	foro Loch hole	B	H	
<b>43813</b>	∅12,5 mm	33	22	0,10 kg
<b>43815</b>	∅14,5 mm	38	22	0,12 kg



	foro Loch hole		
<b>43832</b>	∅ 12,5 mm		0,08 kg
<b>43833</b>	∅ 12,5 mm		0,08 kg
<b>43834</b>	∅ 14,5 mm		0,08 kg
<b>43836</b>	∅ 14,5 mm		0,07 kg



<b>43822</b>	∅ 12,5 mm	0,13 kg
<b>43824</b>	∅ 14,5 mm	0,12 kg



<b>43838</b>	0,58 kg
foro Loch · hole	∅ 25,4 mm

## terminali a sfera · Geländerkugeln · railing balls



ART.	FORO LOCH HOLE	KG
<b>43860</b>	∅12,2 mm	0,75



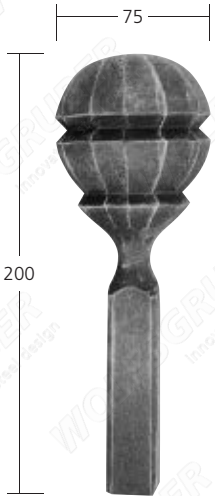
<b>44020</b>	∅25 mm	2,82 kg
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<b>44032</b>	2,10 kg
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<b>44036</b>	1,86 kg
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<b>44010</b>	∅25 mm	2,46 kg
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<b>44030</b>	0,74 kg
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<b>44034</b>	0,94 kg
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<b>44038</b>	1,00 kg
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	per tubi (pollici) für Rohre (Zoll) for tubes (inches)	spessore Stärke thickness	
<b>44112</b>	1"	2,0 mm	0,14 kg
<b>44114</b>	1½"	2,0 mm	0,18 kg
<b>44116</b>	1½"	2,0 mm	0,20 kg
<b>44117</b>	1½"	2,0 mm	0,28 kg
<b>44118</b>	2"	2,0 mm	0,35 kg



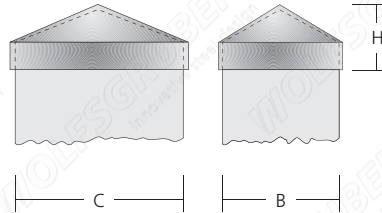
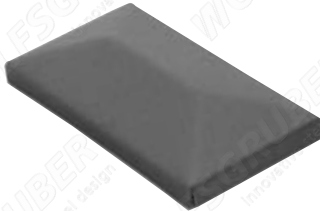
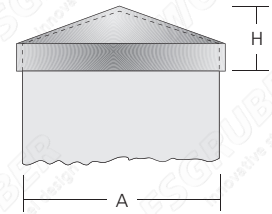
	per tubi für Rohre for tubes
<b>44144</b>	40x40x2
<b>44145</b>	50x50x2
<b>44146</b>	60x60x2
<b>44147</b>	80x80x2



	per tubi (pollici) für Rohre (Zoll) for tubes (inches)	spessore Stärke thickness	D	
<b>44122</b>	1"	2,0 mm	40	0,20 kg
<b>44124</b>	1½"	2,0 mm	45	0,25 kg
<b>44126</b>	1½"	2,0 mm	50	0,32 kg
<b>44127</b>	1½"	2,0 mm	55	0,40 kg
<b>44128</b>	2"	2,0 mm	60	0,48 kg

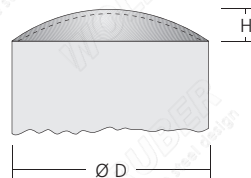
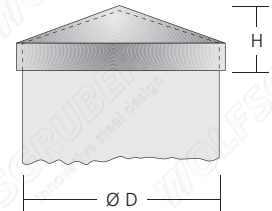
copripilastri · Abdeckkappen · pillar covers

	A mm	H mm	
<b>44230</b>	30	12	0,02 kg
<b>44240</b>	40	13	0,03 kg
<b>44250</b>	50	15	0,06 kg
<b>44260</b>	60	16	0,08 kg
<b>44280</b>	80	19	0,13 kg
<b>44290</b>	100	22	0,18 kg
<b>44292</b>	120	23	0,21 kg



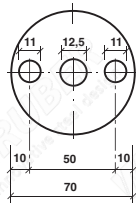
	BxC mm	H mm	
<b>44323</b>	20x30	12	0,01 kg
<b>44324</b>	20x40	12	0,02 kg
<b>44335</b>	30x50	14	0,04 kg
<b>44336</b>	30x60	14	0,04 kg
<b>44346</b>	40x60	16	0,06 kg
<b>44348</b>	40x80	16	0,06 kg
<b>44351</b>	50x100	18	0,10 kg

	Ø D mm	tubo Rohr tubes	H mm	
<b>44430</b>	30		19	0,02 kg
<b>44433</b>	33	1"	19	0,02 kg
<b>44442</b>	42	1½"	22	0,03 kg
<b>44448</b>	48	1½"	28	0,05 kg
<b>44460</b>	60	2"	27	0,06 kg
<b>44476</b>	76	2½"	29	0,11 kg
<b>44489</b>	89	3"	27	0,12 kg
<b>44491</b>	101	3½"	28	0,14 kg
<b>44494</b>	114	4"	29	0,18 kg

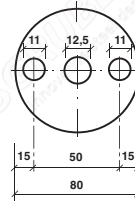


	Ø D mm	tubo Rohr tubes	H mm	
<b>44533</b>	33	1"	6	0,01 kg
<b>44542</b>	42	1½"	7	0,02 kg
<b>44548</b>	48	1½"	8	0,03 kg
<b>44552</b>	52	1½"	8	0,03 kg
<b>44560</b>	60	2"	9	0,04 kg

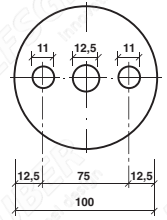
spessore · Stärke · thickness: 6 mm



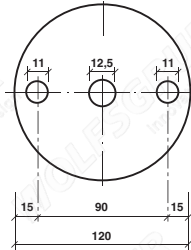
**45070** 0,17 kg



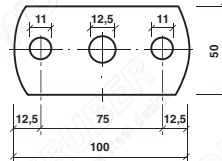
**45080** 0,22 kg



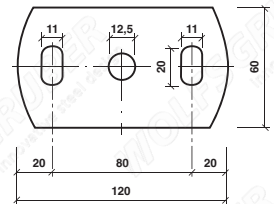
**45100** 0,34 kg



**45120** 0,51 kg

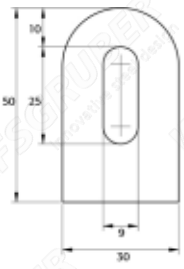


**45200** 0,21 kg

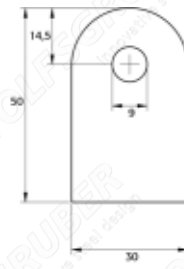


**45220** 0,28 kg

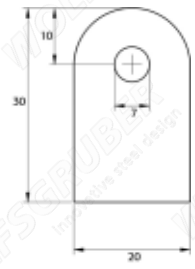
attacchi per saldare grezzi  
Anschweißblaschen roh  
welding latches raw



**54305** Mat. 6 mm

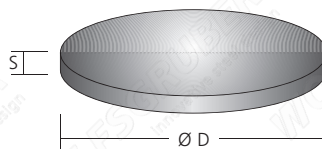


**54306** Mat. 6 mm



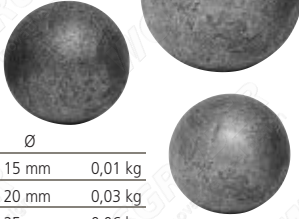
**54307** Mat. 5 mm

rondelle · Ronden · washers



	Ø D mm	S mm	
<b>45333</b>	33	4	0,02 kg
<b>45335</b>	35	4	0,03 kg
<b>45340</b>	40	4	0,04 kg
<b>45342</b>	42	4	0,04 kg
<b>45345</b>	45	4	0,05 kg
<b>45348</b>	48	4	0,05 kg
<b>45350</b>	50	4	0,06 kg
<b>45352</b>	52	4	0,06 kg
<b>45360</b>	60	4	0,08 kg
<b>45370</b>	70	6	0,18 kg
<b>45380</b>	80	6	0,23 kg
<b>45390</b>	100	6	0,36 kg
<b>45392</b>	120	6	0,53 kg

sfere piene  
Vollkugeln  
solid spheres



	Ø		
45515	15 mm	0,01 kg	
45520	20 mm	0,03 kg	
45525	25 mm	0,06 kg	
45530	30 mm	0,12 kg	
45535	35 mm	0,17 kg	
45540	40 mm	0,27 kg	
45550	50 mm	0,50 kg	
45560	60 mm	0,91 kg	
45570	70 mm	1,97 kg	
45580	80 mm	2,16 kg	



sfere con foro cieco  
Kugeln mit Sackloch  
balls with blind hole

	Mat.	foro Loch hole	
43918	Ø20	Ø8,3	
43928	Ø25	Ø12,3	
43933	Ø30	Ø12,3	
43938	Ø35	Ø12,3	
43939	Ø35	Ø14,3	

borchie con foro passante  
Zierhülsen mit Durchgangsbohrung  
envelopings bodies with a hole



	Mat.	foro Loch hole	
43925	Ø25	Ø12,3	
43930	Ø30	Ø12,3	
43935	Ø35	Ø12,3	
43936	Ø35	Ø14,3	

sfere cave  
Hohlkugeln  
hollow spheres



mezze sfere cave  
Halbkugeln  
hollow hemispheres

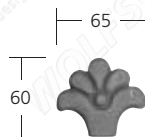
	Ø		
45750	50 mm	0,11 kg	
45760	60 mm	0,18 kg	
45770	70 mm	0,29 kg	
45780	80 mm	0,35 kg	
45790	100 mm	0,57 kg	
45792	120 mm	1,01 kg	
45794	150 mm	1,20 kg	
45796	200 mm	1,80 kg	

	Ø		
45834	33,7 mm	0,03 kg	
45842	42,4 mm	0,04 kg	
45848	48,3 mm	0,05 kg	
45850	50 mm	0,06 kg	
45860	60 mm	0,09 kg	
45870	70 mm	0,14 kg	
45880	80 mm	0,18 kg	
45890	100 mm	0,29 kg	
45892	120 mm	0,51 kg	





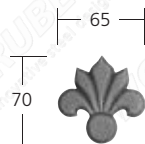
**46010** Mat. 12x5 mm  
0,36 kg



**46012** Mat. 6 mm  
0,10 kg



**46020** Mat. 14x6 mm  
0,44 kg



**46022** Mat. 6 mm  
0,10 kg



Mat. Ø	H	kg
<b>46030</b>	12 mm 500 mm	0,49
<b>46032</b>	12 mm 1000 mm	0,93



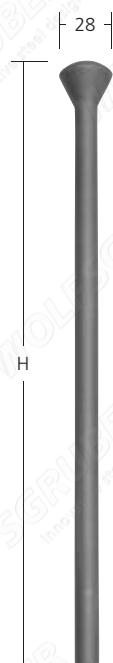
Mat. Ø	H	kg
<b>46035</b>	12 mm 500 mm	0,45
<b>46037</b>	12 mm 1000 mm	0,89



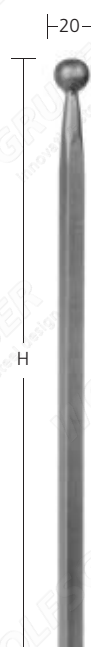
H	kg
<b>46038</b>	H: 500 mm
<b>46039</b>	H: 1000 mm



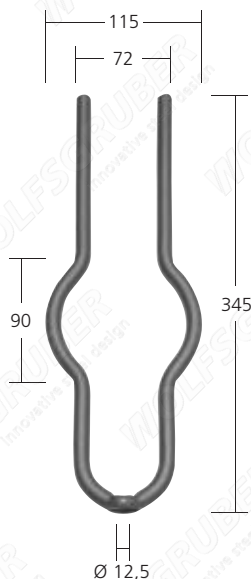
Mat. Ø	H	kg
<b>46040</b>	12 mm 500 mm	0,49
<b>46042</b>	12 mm 1000 mm	0,93



Mat. Ø	H	kg
<b>46045</b>	12 mm 500 mm	0,43
<b>46047</b>	12 mm 1000 mm	0,87



H	kg
<b>46050</b>	H: 500 mm
<b>46052</b>	H: 1000 mm



**46110** Mat. Ø 12 mm  
0,62 kg



**46120** Mat. Ø 12 mm  
0,30 kg



**46130** Mat. 14x6 mm  
0,24 kg



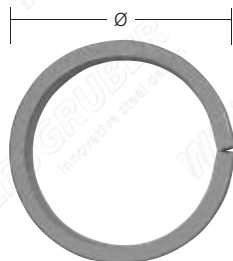
**46115** Mat. Ø 12 mm  
0,40 kg



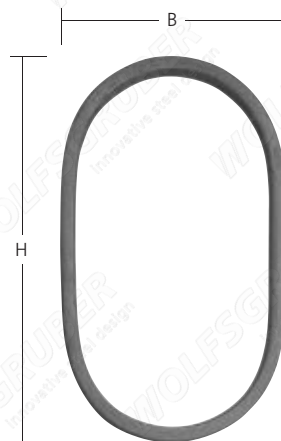
**46125** Mat. Ø 12 mm  
0,40 kg



**46135** Mat. 14x6 mm  
0,31 kg

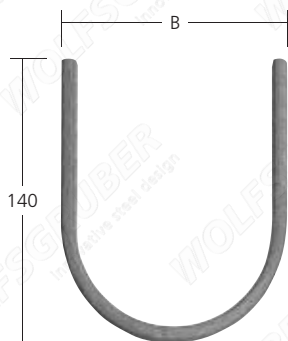


	Ø mm	Mat. mm	
46350	118	12x5	0,17 kg
46310	108	12x5	0,15 kg
46312	100	12x6	0,14 kg
46314	120	12x6	0,17 kg
46374	100	12x12	0,24 kg
46373	110	12x12	0,26 kg
46375	118	12x12	0,28 kg
46315	100	14x6	0,19 kg
46355	118	14x6	0,23 kg
36530	100	16x8	0,27 kg
36535	120	16x8	0,33 kg
46325	108	Ø 12	0,28 kg
46326	110	Ø 12	0,29 kg
46365	118	Ø 12	0,31 kg



## cerchi ovali · Ovale Ringe · oval circles

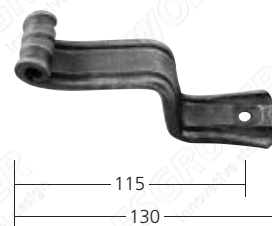
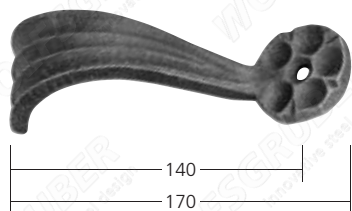
	B mm	H mm	Mat. mm	
46410	108	160	12x5	0,20 kg
46415	100	160	14x6	0,27 kg
46425	108	160	Ø 12	0,36 kg
46450	118	180	12x5	0,22 kg
46455	118	180	14x6	0,31 kg
46465	118	180	Ø 12	0,40 kg



## semicerchi · Halbringe · half rings

	B mm	Mat. mm	
46510	108	12x5	0,15 kg
46515	100	14x6	0,21 kg
46525	108	Ø 12	0,28 kg
46550	118	12x5	0,16 kg
46555	118	14x6	0,23 kg
46565	118	Ø 12	0,30 kg

## sostegni inferriata · Fenstergitterhalter · iron window bar holder



**48010** Mat. 10 mm  
0,50 kg

**48015** Mat. 6 mm  
0,22 kg

**48020** Mat. 7 mm  
0,30 kg





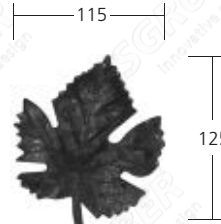
**47102** 1,23 kg



**47101** 2,16 kg



**47112** Mat. 3 mm  
0,12 kg

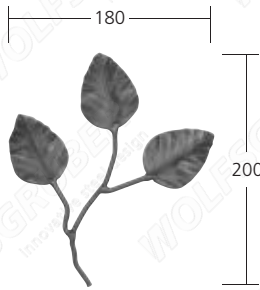


**47122** Mat. 3 mm  
0,22 kg

rose · Rosen · roses



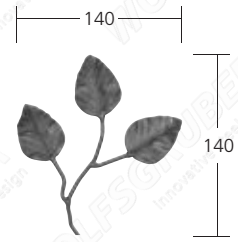
**47210** 0,55 kg



**47215** 0,13 kg



**47220** 0,22 kg



**47225** 0,06 kg

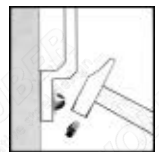
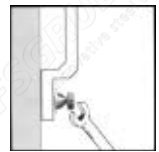


zincate · verzinkt · galvanized

tassello in nylon per murature forate  
Nylandübel für Hohlraumauern  
dowl of nylon for hollow walls



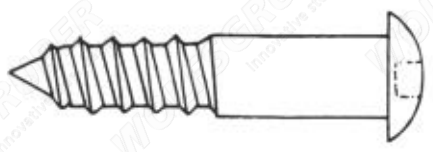
**48110** Mat. M8x95 mm  
0,05 kg



tassello in acciaio per murature compatte  
Stahldübel für Betonmauern  
dowl of steel for concrete walls



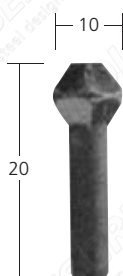
**48120** Mat. M8x95 mm  
0,06 kg



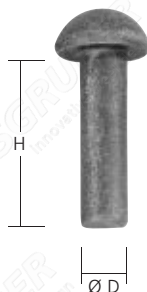
perno esagonale  
Sechskantbolzen  
hexagon bolts



		lunghezza Länge length	
<b>48220</b>	Ø 8	70 mm	0,02 kg
<b>48230</b>	Ø 8	90 mm	0,03 kg
<b>48240</b>	Ø 10	80 mm	0,04 kg
<b>48250</b>	Ø 10	100 mm	0,05 kg
<b>48260</b>	Ø 10	130 mm	0,06 kg



**48500** Mat. Ø 5 mm  
0,01 kg

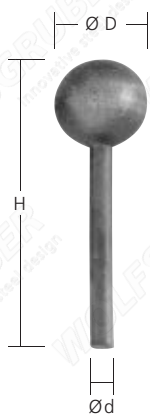


	Ø D mm	H mm	pezzi/kg St./kg pieces/kg
<b>48545</b>	6	25	115
<b>48546</b>	6	30	102
<b>48548</b>	6	40	85
<b>48554</b>	8	20	64
<b>48555</b>	8	25	56
<b>48556</b>	8	30	51
<b>48558</b>	8	40	43
<b>48565</b>	10	25	47
<b>48566</b>	10	30	41
<b>48568</b>	10	40	33

sfere ribattibili  
Annietkugeln  
spheres to be rivetted



	Ø D mm	foro Loch hole
<b>48713</b>	13	6
<b>48716</b>	16	6
<b>48719</b>	19	6
<b>48722</b>	22	6



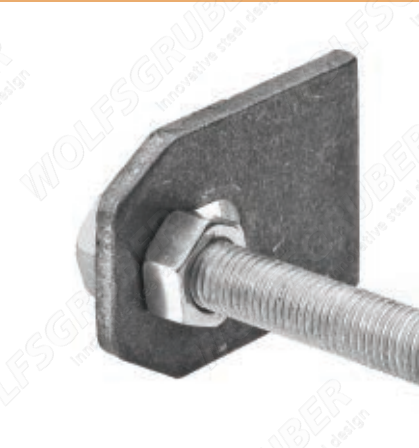
perni a sfera  
Kugelkopfbolzen  
ball end pins

	Ø D mm	Ø d mm	H mm
<b>48810</b>	10	5	30
<b>48813</b>	13	5,5	60
<b>48816</b>	16	5,5	65
<b>48819</b>	19	5,5	70
<b>48822</b>	22	5,5	70





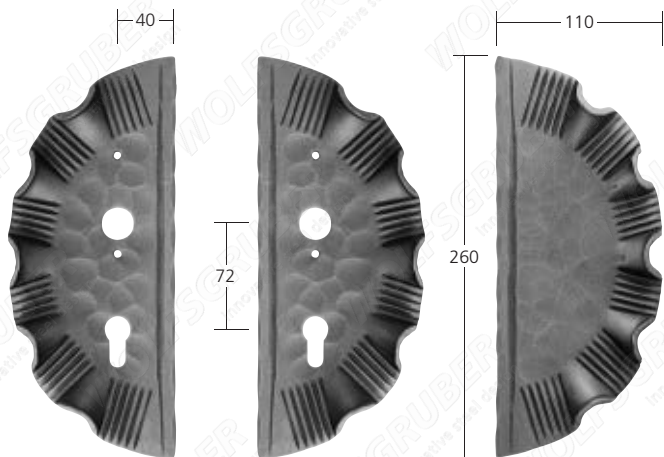
**SERRAMENTI  
BESCHLÄGE  
MOUNTINGS**



**WOLFSGRUBER**  
innovative steel design

## lock cover plates, lock cases

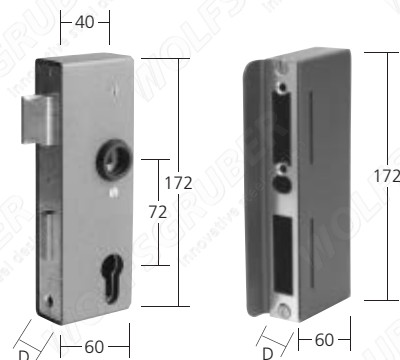
utilizzabili a destra e sinistra  
links und rechts verwendbar  
usable left and right



**51110** Mat. 4 mm  
0,90 kg

**51111** Mat. 4 mm  
0,90 kg

**51112** Mat. 4 mm  
0,94 kg

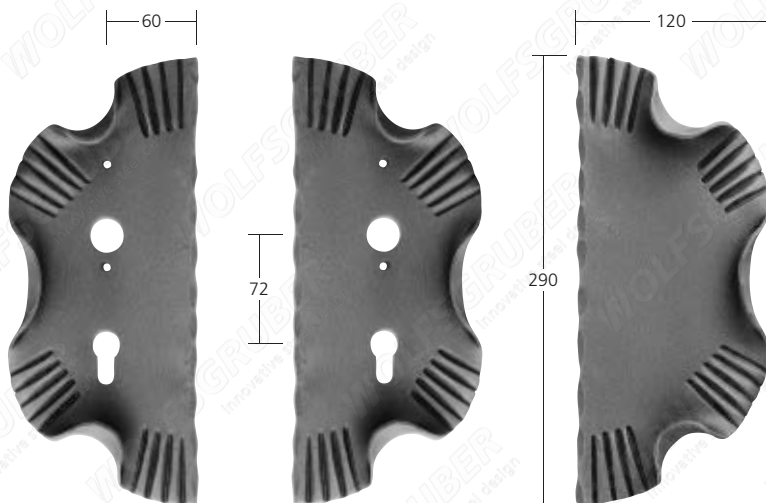


**51340** D 30 mm · 1,02 kg  
**51345** D 40 mm · 1,10 kg

**51810** D 30 mm · 0,64 kg  
**51820** D 40 mm · 0,64 kg

piastra d'incontro  
SchlieBblech

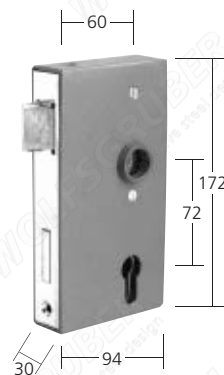
**51811** D 30 mm  
**51821** D 40 mm



**51120** Mat. 4 mm  
0,70 kg

**51121** Mat. 4 mm  
0,70 kg

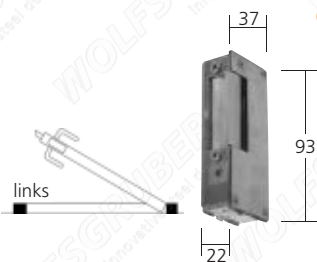
**51122** Mat. 4 mm  
0,73 kg



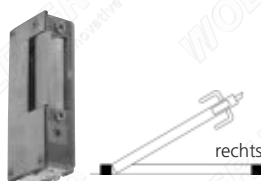
**51360** 1,48 kg

serratura a gancio  
HakenschoB  
hook lock

elettroserratura con sblocco - Elektrische Türöffner mit Entriegelung  
electric lock with unlock  
6-12 V



**51610** 0,32 kg

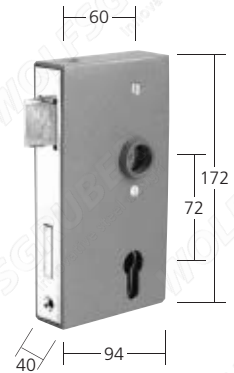


**51611** 0,32 kg



**51460** 1,78 kg





d=40  
b=85

**51130**

**51131**

**51133**

**51132**

**51350** 1,02 kg

INOX AISI 304  
INOX V2A  
Iron Steel V<sup>2</sup>A

**68450** 1,02 kg

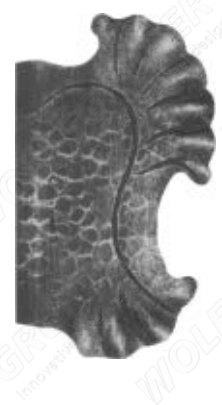
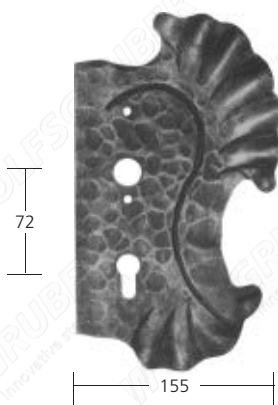
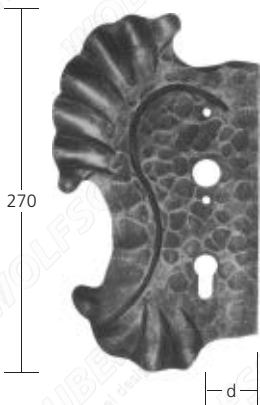
d=60  
b=105

**51140**

**51141**

**51143**

**51142**



d=40

**51150**

**51151**

**51152**

**51153**

d=60

**51156**

**51157**

serrature per tubolari  
Rohrrahmenschlösser  
mortice locks

zincate · verzinkt · galvanized

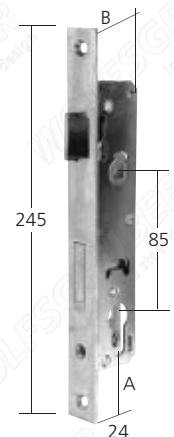
	A	B
<b>51524</b>	24 mm	37 · 0,50 kg
<b>51530</b>	30 mm	45 · 0,52 kg
<b>51540</b>	40 mm	55 · 0,55 kg

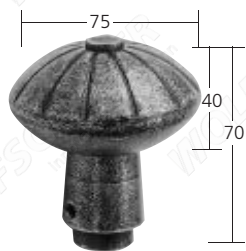
utilizzabili a destra e sinistra  
links und rechts verwendbar  
usable left and right



esempio d'impiego  
Anwendungsbeispiel  
example of application

**51810**  
**51610**

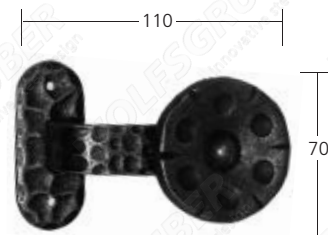




**52110** 0,40 kg



**52120** 0,22 kg



**52132** 0,33 kg

copricilindri e rosette · Schlüsselschilder und Drückerrosetten · keyhole surrounds



**52310** Mat. 5 mm  
0,06 kg



**52315** Mat. 3 mm  
0,04 kg

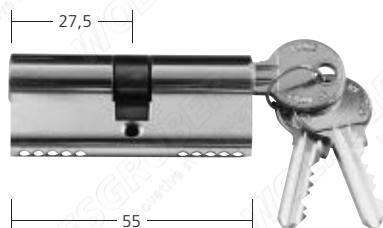


**52320** Mat. 5 mm  
0,06 kg



**52325** Mat. 3 mm  
0,04 kg

cilindro · Zylinder · cylinder



**52450** 0,20 kg

rosette di sicurezza  
Sicherheitsrosette  
safety rosettes



**52330** Mat. 10 mm  
0,13 kg



**52335** Mat. 10 mm  
0,13 kg

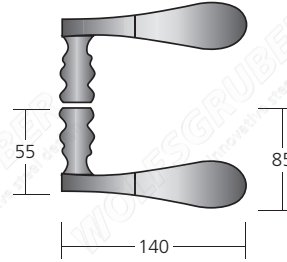


**52345** Mat. 15 mm  
0,28 kg

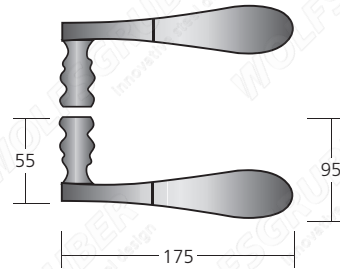
perno · Stift · pin



**52400** Mat. 8x8x100 mm  
0,04 kg

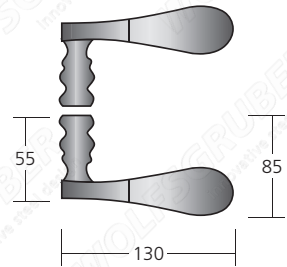


**52611** 0,34 kg



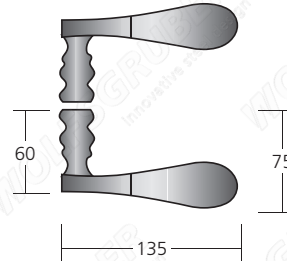
**52610**

**52613** 0,38 kg



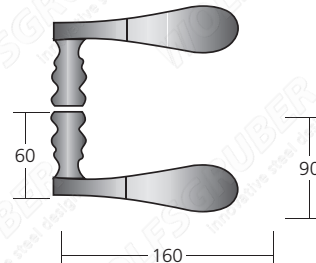
**52612**

**52615** 0,32 kg



**52614**

**52617** 0,32 kg



**52616**

**52619** 0,42 kg

**52618**



verniciata nero · schwarz lackiert · vernished black

INOX AISI 304 satinato  
Edelstahl W.1.4301 geschliffen  
Stainless steel AISI 304 satined

confezione singola  
Lieferung Einzeln  
single confection

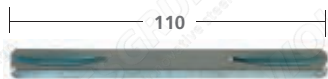


133

ART.

\* **67217**

Drückerstift



110

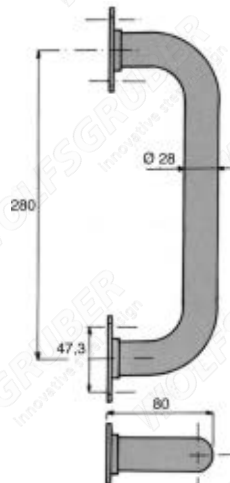
ART.

**67254**

maniglione tubolare per portoni  
Rohrhandgriff für Tore  
tubular handle for folding gates



**52780** 0,80 kg



\* mobile usabile destra e sinistra · beweglich beidseitig verwendbar · mobile left-right usable



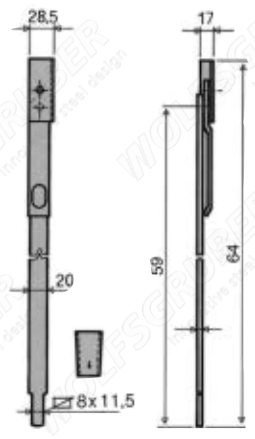




**53305** 1,85 kg



**53310** 0,40 kg



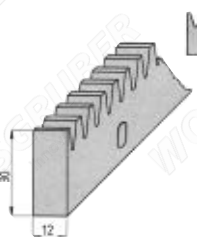
cremagliera rettangolare zincata  
Zahnstangen verzinkt  
zinked rectangular rack

attacchi per cremagliera  
Distanzhülsen für Zahnstangen  
fastening for rectangular rack



lunghezza  
Länge  
length

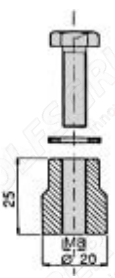
**53440** 1000 mm · 2,00 kg/m



Modulo 4  
Modul 4  
Module 4



**53442** 0,06 kg

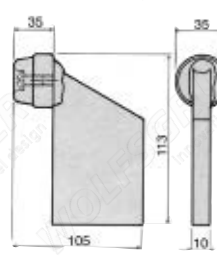


battenti d'arresto - Toranschläge - stop battents



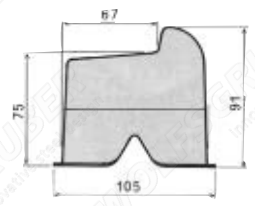
**53510** 0,60 kg

zincato  
verzinkt  
zinked



**53520** 0,35 kg

zincato  
verzinkt  
zinked



**53530** 12x35x100



con rondella in ottone  
mit Messingbeilagscheibe  
with enclosed brass-ring



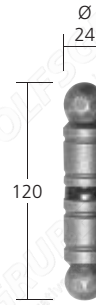
**54114** 0,06 kg



**54116** 0,10 kg



**54120** 0,20 kg



**54124** 0,34 kg



**54130** 0,64 kg

con cuscinetto a sfera  
mit Kugellager  
with ball-bearing



**54125** 0,37 kg



**54131** 0,71 kg



		A	B	
<b>54240</b>	M 22 x 1,5	80	190	kg 1,09
<b>54241</b>	M 20 x 1,5	80	130	kg 0,64

piastra per cardini  
Anschweißband  
welding strip



**54010** Mat. 5 mm  
0,52 kg

con rondella in ottone  
mit Messingbeilagscheibe  
with enclosed brass-ring



**54220** 0,20 kg



**54224** 0,32 kg

con cuscinetto a sfera  
mit Kugellager  
with ball-bearing

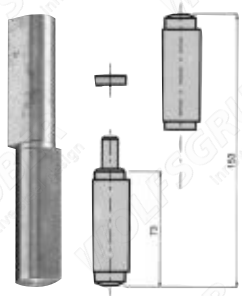


**54230** 0,62 kg



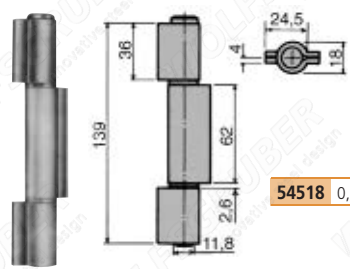
con perno in ottone  
mit Messingdorn  
with brass pivot

	L	A	C	E	
<b>54312</b>	78,5	38,5	14	12	0,07 kg
<b>54314</b>	100	49	16	14	0,12 kg
<b>54316</b>	120,5	59	18	16	0,19 kg

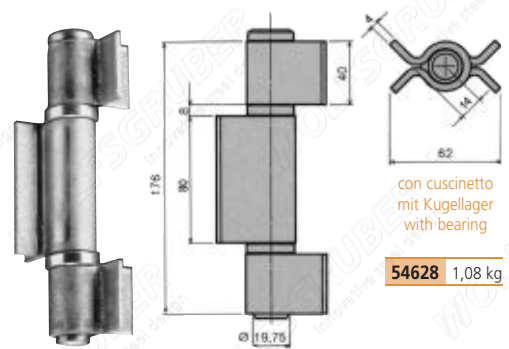


con perno in ottone e cuscinetto  
mit Messingdorn und Kugellager  
with brass pivot and bearing

**54422** 0,46 kg

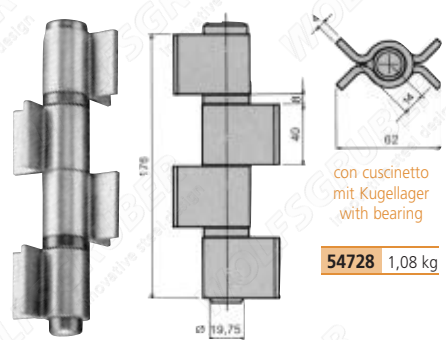


**54518** 0,31 kg



con cuscinetto  
mit Kugellager  
with bearing

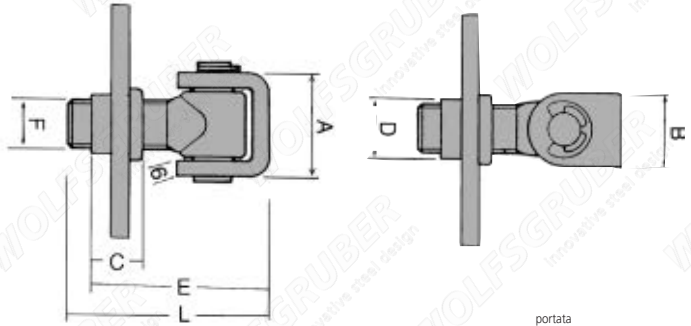
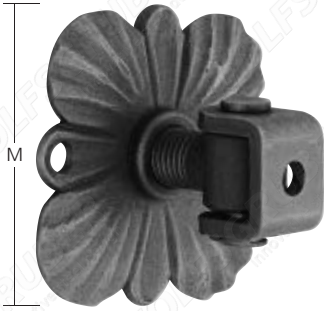
**54628** 1,08 kg



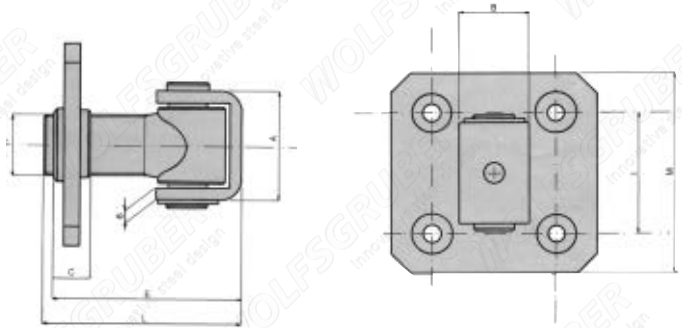
con cuscinetto  
mit Kugellager  
with bearing

**54728** 1,08 kg

regolabili, zincati · verstellbar, verzinkt · adjustable, galvanized



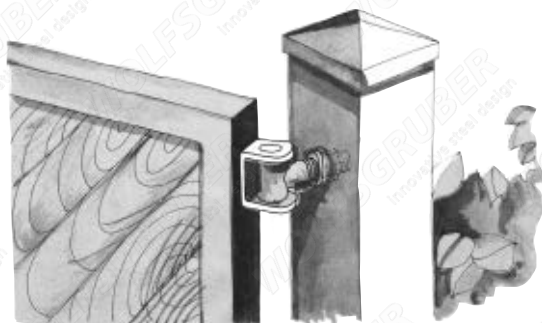
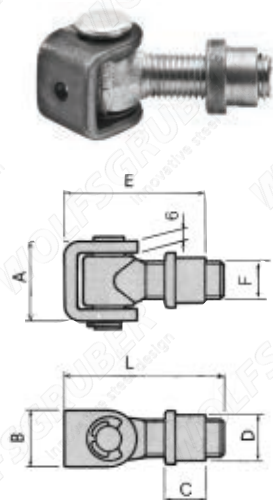
	F	M	A	B	C	D	E	L	portata Tragkraft Capacity
<b>55010</b>	M 20	100	40	30	21	25	60-94	83	0,70 kg 150
<b>55014</b>	M 24	130	47	35	26	29	73-113	97	1,22 kg 225



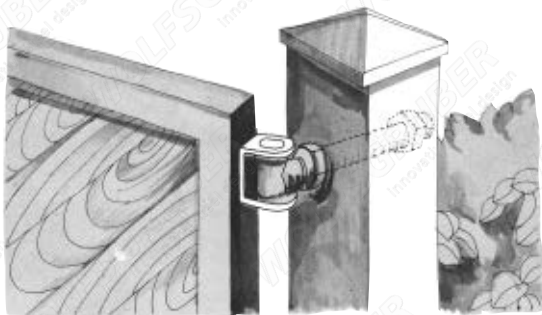
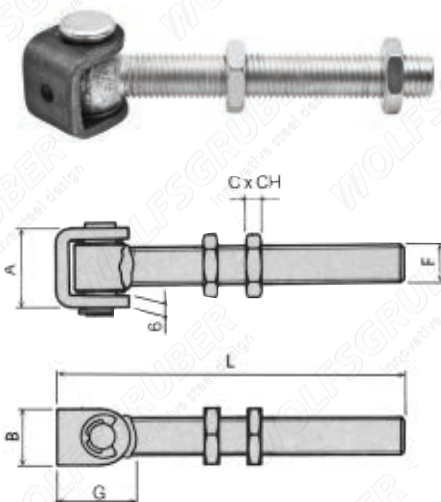
	F	M	A	B	C	E	L	I	portata Tragkraft Capacity
<b>55020N</b>	M 20	100	40	32	17,5	60-100	104	70	0,80 kg 150
<b>55024N</b>	M 24	100	44	36	18,5	65-92	95	70	0,92 kg 225





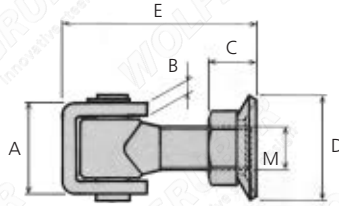


	F	A	B	C	D	E	L	portata Tragkraft Capacity
<b>55111</b>	M 16	33	25	21	21	57-78	77	0,26 kg 100
<b>55110</b>	M 20	40	32	21	25	63-100	93	0,46 kg 150
<b>55114N</b>	M 24	44	36	26	29	72-90	95	0,62 kg 225

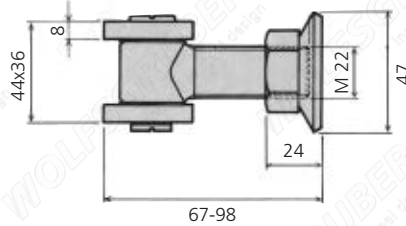
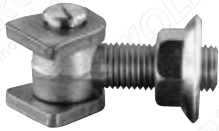
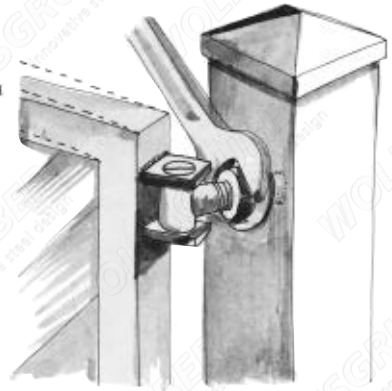


	F	A	B	C	CxCH	G	L	portata Tragkraft Capacity
<b>55120</b>	M 20	40	32	9	30	40	178	0,64 kg 150
<b>55124N</b>	M 24	44	35	10	36	43	178	0,88 kg 225

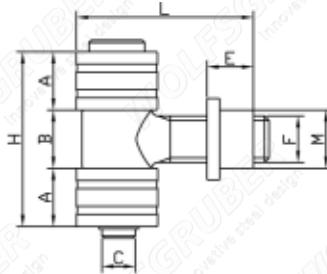
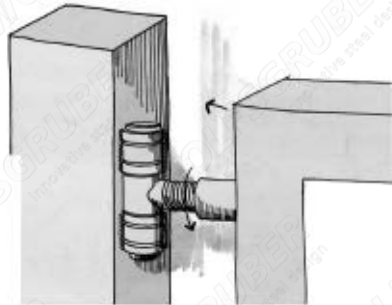
regolabili, zincati · verstellbar, verzinkt · adjustable, galvanized



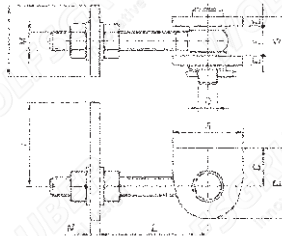
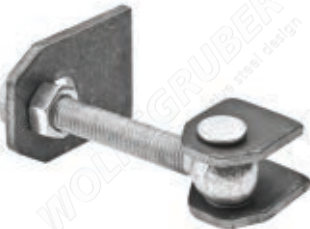
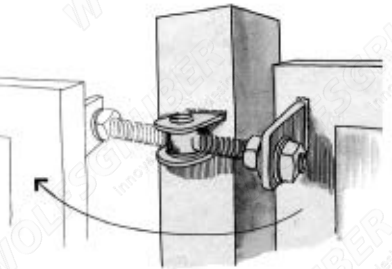
	M	A	B	C	D	E	
<b>55211N</b>	M 16	34x25	5	21	∅ 46	57-82	0,28 kg
<b>55210N</b>	M 20	40x32	6	25	∅ 47	70-105	0,50 kg



**55222** 0,56 kg



	F	A	B	C	D	E	M	H	L
<b>54250</b>	M 18	25	25	14,5	35	20	25	85	55-78
<b>54252</b>	M 20	25	25	14,5	35	20	25	85	56-82
<b>54254</b>	M 24	30	35	19,5	40	26	29	105	68-95

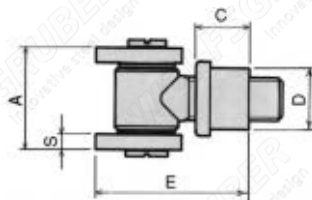
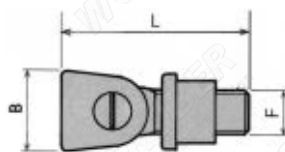


	F	A	B	E	G	H	I	L	N	
<b>54261</b>	M12	40	51	5	27	60	54-68	31-100	5,5	0,50 kg
<b>54260</b>	M16	40	51	6	35	60	53,5-69,5	41-97	7,5	0,74 kg
<b>54262</b>	M20	70	65	7	43	60	70-107	53,5-103,5	8	1,34 kg
<b>54264</b>	M24	70	65	7,5	50	71	88-111	56,5-100	11,5	1,90 kg

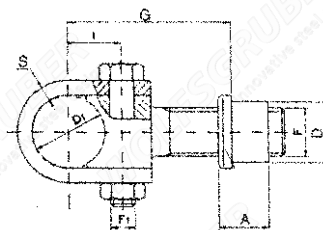




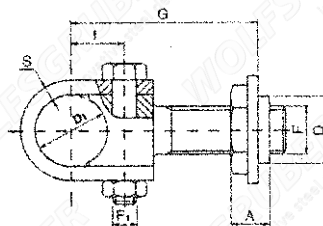
regolabili, zincati · verstellbar, verzinkt · adjustable, galvanized



	F	A	B	C	D	E	L	S
<b>55322</b>	M 22	44	38	20,5	27	60-100	90	8
<b>55327</b>	M 27	60	40	26	33	60-100	107	10



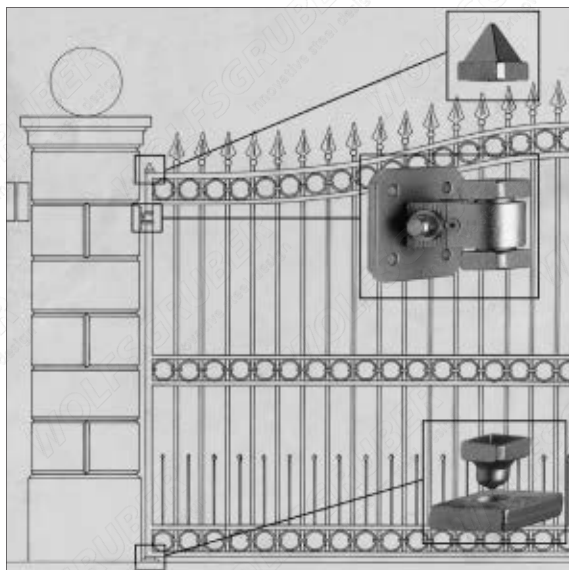
	F	D <sub>1</sub>	D	F <sub>1</sub>	G	H	I	S	A
<b>55420</b>	M 20	30	25	M 10	44/68	30	21	6	20,5 0,49 kg
<b>55430</b>	M 30	40	36	M 12	70/110	40	34	6	24 1,20 kg



	F	D <sub>1</sub>	D	F <sub>1</sub>	G	H	I	S	A
<b>55440</b>	M 20	30	28	M 10	50/78	30	21	6	16 0,53 kg
<b>55450</b>	M 30	40	43	M 12	70/110	40	34	6	24 1,33 kg



regolabili, zincati · verstellbar, verzinkt · adjustable, galvanized



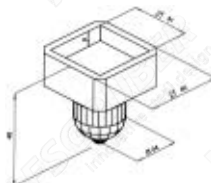
55540 3,12 kg



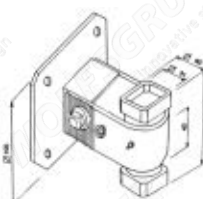
1 x



1 x



1 x



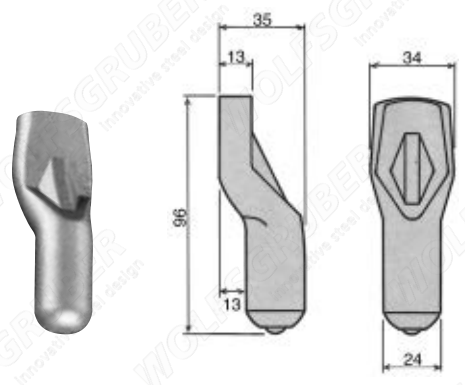
1 x



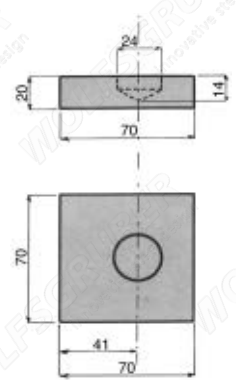


# PERNO CON PIASTRA BASE · LAGERDORN MIT BODENPLATTE

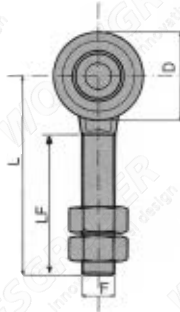
pivot with base plate



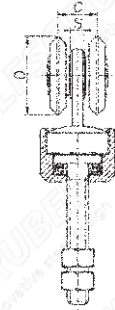
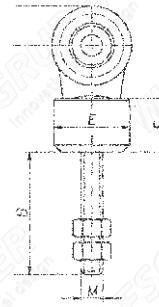
55590 0,49 kg



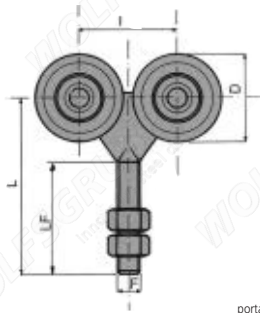
cementati · einsatzgehärtet · cemented



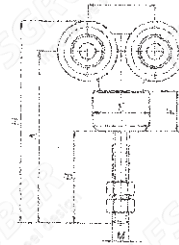
	D	F	LF	L	portata Tragkraft Capacity
<b>58510</b>	24	M8	30	48	0,08 kg 30 kg
<b>58615</b>	44	M12	58	92	0,28 kg 250 kg



	A	B	C	D	M	portata Tragkraft Capacity
<b>58550</b>	63	30	22	24	M8	50 kg
<b>58655</b>	128	69	22	44	M12	250 kg

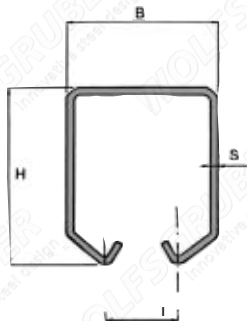


	D	F	LF	L	I	portata Tragkraft Capacity
<b>58520</b>	24	M8	30	48	30	0,14 kg 50 kg
<b>58625</b>	44	M12	58	95	50	0,44 kg 250 kg

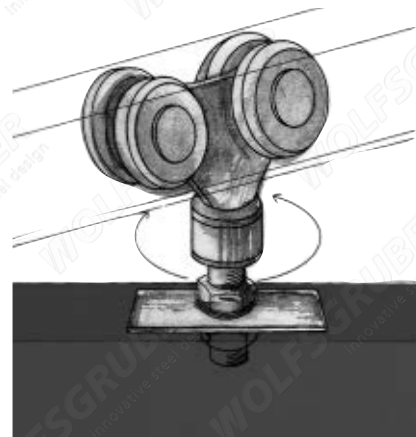


	A	B	C	D	M	I	portata Tragkraft Capacity
<b>58560</b>	63	30	22	24	M8	30	50 kg
<b>58665</b>	128	69	22	44	M12	50	250 kg

monorotaie · Laufschienen · tracks

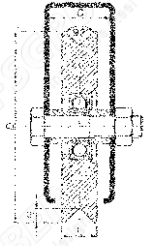


	B	H	I	S	lunghezza Länge length
<b>58500</b>	34,4	32,5	21,5	1,5	3m
<b>58501</b>	34,4	32,5	21,5	1,5	6m
<b>58600</b>	43	53	22	2,5	3m
<b>58601</b>	43	53	22	2,5	6m







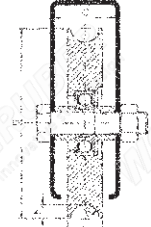


V  
gola  
Rille  
groove

	D	C	F	H	L	portata Tragfähigkeit load capacity
<b>58120</b>	60	24	M10x45	7	17	250 kg
<b>58125</b>	78	34	M14x70	7,5	20	300 kg
<b>58130</b>	98	34	M14x70	8,5	21	380 kg
<b>58135</b>	117	34	M14x70	8,5	21	410 kg
<b>58140</b>	137	44	M16x70	9	25	500 kg



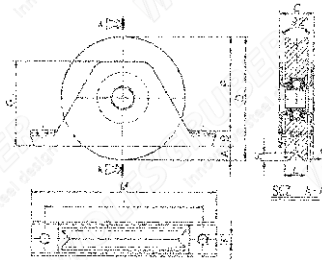
O  
gola  
Rille  
groove



	D	C	F	H	L	portata Tragfähigkeit load capacity
<b>58230</b>	98	34	M14x70	9,5	24	380
<b>58235</b>	117	34	M14x70	9,5	25	410
<b>58240</b>	137	44	M16x70	9,5	25	500



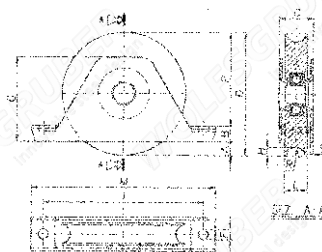
V  
gola  
Rille  
groove



	D	A	B	C	F	G	H	I	L	M	P	S	portata Tragfähigkeit load capacity
<b>58160</b>	88	8,5	14,5	32	9	70	8,5	130	21	154	65	3	200 kg
<b>58165</b>	117	16,5	15	37	9	80	10	155	25	185	85,5	3	250 kg



O  
gola  
Rille  
groove

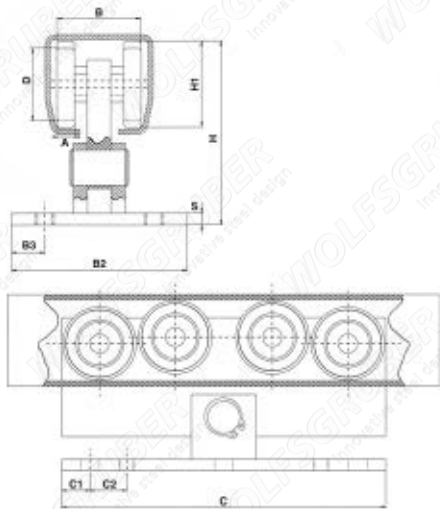


	D	A	B	C	F	G	H	I	L	M	P	R	portata Tragfähigkeit load capacity
<b>58260</b>	88	8,5	14,5	32	9	70	9,5	130	24	155	65	10,3	200 kg
<b>58265</b>	117	16,5	15	37	9	80	9,5	155	25	185	85,5	10,3	250 kg

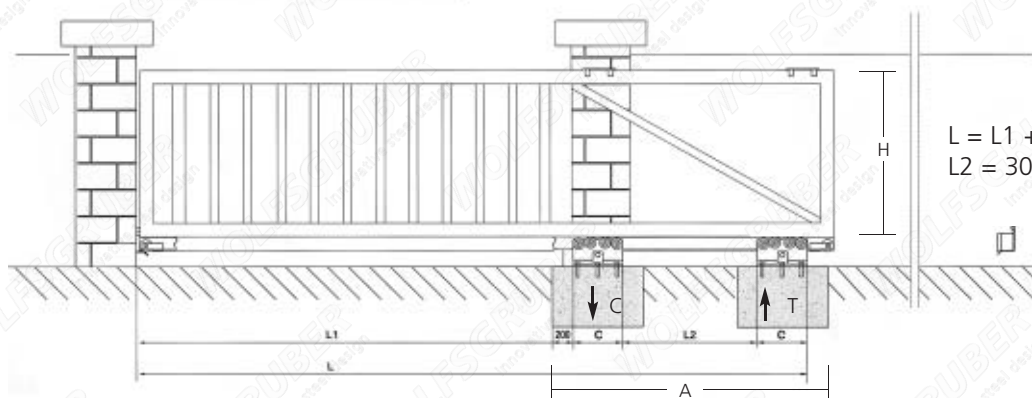
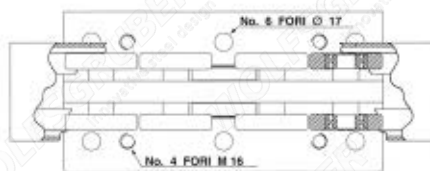


accessoires for gate carriage

carrello · Wagen · carriage



**58452**  
**58450**  
**58350**



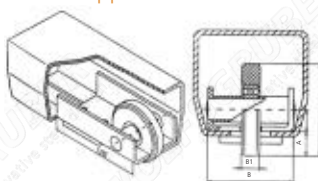
$$L = L1 + L2$$

$$L2 = 30\% \text{ von } L1$$

von di of

	D	A	H	H1	S	B	B2	C	L1 max	portata Tragkraft capacity kg	per guida für Schiene for guide kg	L	H	A	B	C	S	Lunghezza Länge Length	Peso Gewicht Weight	
<b>58452</b>	48	12,5	139,5	52,5	10	52,5	140	190	3m	450kg	958	<b>58402</b>	70	60	22	53	30	3,5	3m	5,55kg/m
												<b>58403</b>	70	60	22	53	30	3,5	6m	5,55kg/m
<b>58450</b>	70	15	162	74	10	72	150	300	8m	600kg	17,5	<b>58400</b>	94	87	33	73	30	5	3m	10kg/m
												<b>58401</b>	94	87	33	73	30	5	6m	10kg/m
<b>58350</b>	120	30	246	131	15	99	200	470	16m	1200kg	44,6	<b>58300</b>	136	142	38	100	55	6	3m	21,51kg/m
												<b>58301</b>	136	142	38	100	55	6	6m	21,51kg/m

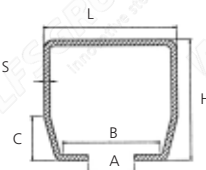
ruota di sostegno · Aufrolle · support wheel



	B	B1	L	A	D	per guida für Schiene for guide kg	kg
<b>58457</b>	50	15	125	12	68	58402-03	1,02
<b>58455</b>	68	15	125	15	74	58400-01	1,2
<b>58355</b>	105	30	165	14	98	58300-01	3,25

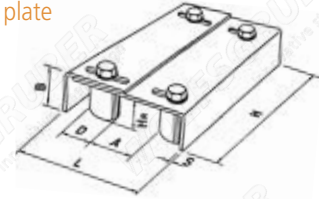
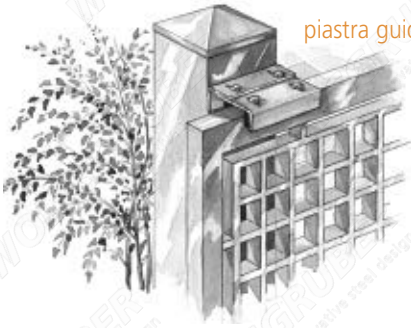
guida per cancelli sospesi  
Schiene für Hängetore  
guide for suspended gates  
zincata · verzinkt · galvanized

**58400**  
**58401**  
**58300**  
**58301**



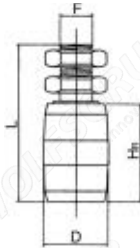


piastra guidacancello · Führungsbügel · gate drive plate



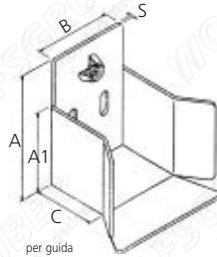
	L	H	S	A	B	ØD	Hr	
	min/max			min/max				
<b>58410</b>	130/170	200	3	35/60	55	30	40	2,18 kg
<b>58420</b>	195/245	350	5	65/85	67	40	60	5,13 kg

rulli guide in nylon · Führungsrollen aus Nylon · nylon rollers



	ØD	Hr	L	F	
<b>58412</b>	30	40	73	M14	0,15 kg
<b>58422</b>	40	60	96	M16	0,42 kg

incontro · Anschlagschuh · meeting point



	A	A1	B	C	S	
<b>58406</b>	130	80	80	75	4	58402-03
<b>58405</b>	165	105	100	80	4	58400-01
<b>58305</b>	225	165	155	80	4	58300-01

tappo di copertura · Abdeckkappe · cap



	per guida für Schiene for guide
<b>58408</b>	58402-03
<b>58407</b>	58400-01
<b>58307</b>	58300-01

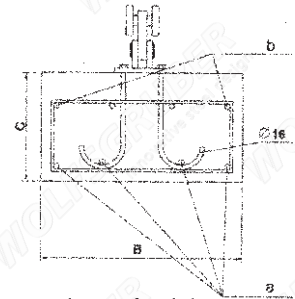


tabella di calcolo - Berechnungstabelle - computation table

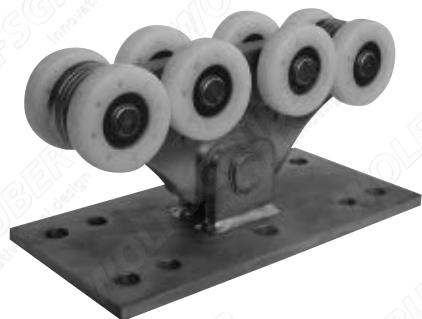
Carello Rollbock Carriage	cancello - Tor - gate							fondazione - Fundament - foundation					
	L1	L2	H	L3	C	T	forza di trazione per vite	A	B	C	cesto	Korb	
	m	m	m	m	kg	kg	Zugkraft pro Schraube tractive force per screw	m	m	m	kg	a	b
<b>58452</b>	3,0	1,0	1,0	1,0	1450	850	250	1,8	0,6	0,5	1150	4012	4012
<b>58450</b>	4,0	1,3	1,0	1,0	1900	1150	300	2,8	0,6	0,4	1500	4012	4012
	5,0	1,5	1,0	1,5	2650	1550	400	3,4	0,6	0,4	2300	4012	4012
	6,0	1,8	1,0	1,5	3100	1800	500	4,0	0,6	0,4	2750	4012	4012
<b>58350</b>	8,0	2,4	1,0	1,5	4500	2550	650	4,6	0,6	0,4	4250	7012	4012
	10,0	3,0	1,0	2,0	5450	3100	800	5,2	0,6	0,4	5350	6012	4012
	12,0	4,0	1,0	2,0	7300	4050	1050	5,8	0,8	0,5	7300	7012	4012
	14,0	4,2	1,0	2,0	8450	4650	1200	6,4	0,8	0,5	8500	9012	4012
	16,0	4,8	1,0	2,0	11800	6500	1650	7,0	0,8	0,6	12150	10018	4012



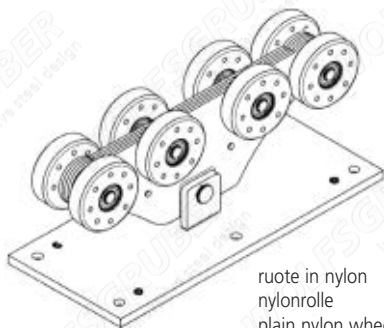
accessoires for gate carriage

galvanizzati  
galvanisch verzinkt  
galvanised

carrello per cancelli sospesi · Wagen für Hängetore · carriage for suspended gates



58850



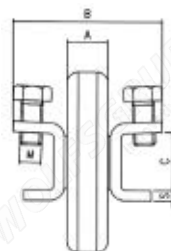
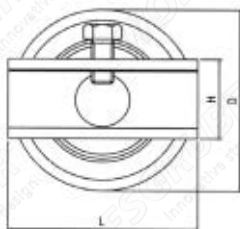
ruote in nylon  
nylonrolle  
plain nylon wheel



ruota a supporto interno · Laufrolle mit interner Stützplatte · wheel with internal support



58855



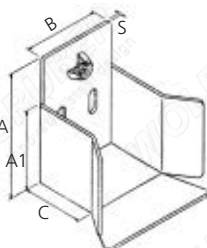
A = 15  
B = 60  
C = 22  
D = 68  
H = 30  
L = 70  
M = M8  
S = 4

incontro · Anschlagshuh · stop point

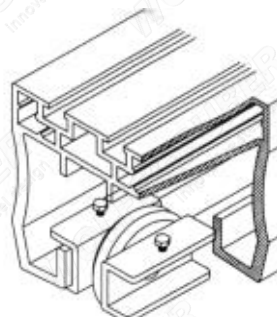
tappo di copertura · Abdeckkappe · cap



58405



58860



guida per cancelli sospesi  
Schiene für Hängetore  
guide for suspended gates

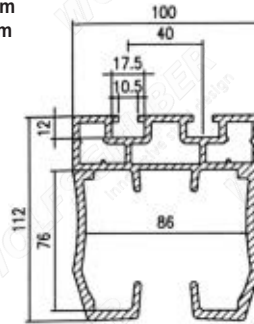
alluminio  
Aluminium  
aluminium

Capacità di carico max	350kg	a 6m
Maximale Tragfähigkeit	350kg	bei 6m
Maximum load rating	350kg	on 6m



58801

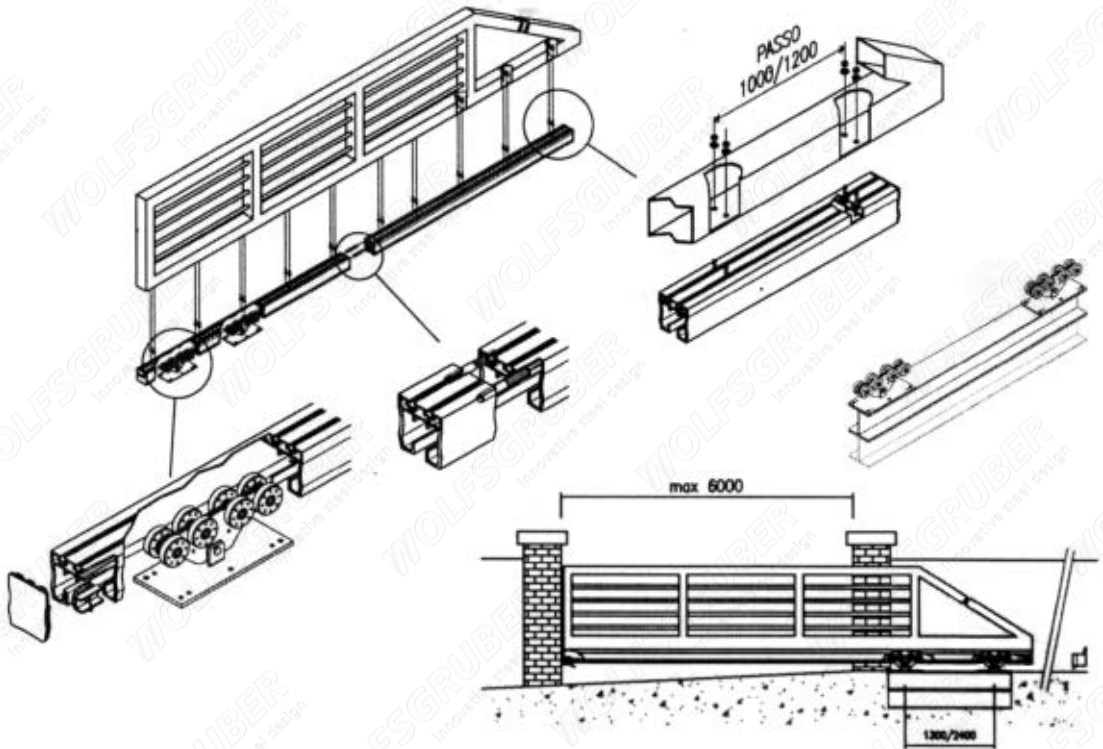
L=6 m



raccordo  
Verbindungsstift  
connecting poece



58803







accessoires for gate carriage

## Set-58403

Set per cancello autoportante fino a 450kg e luce 4m  
 Laufwerkset bis 450 kg für lichte Durchfahrt bis 4m



2 x Art. 58457



2 x Art. 58452



1 x Art. 58403 6m



2 x Art. 58406



2 x Art. 58408

## Set-58400

Set per cancello autoportante fino a 600kg e luce 6m  
 Laufwerkset bis 600 kg für lichte Durchfahrt bis 6m



2 x Art. 58455



2 x Art. 58450



1 x Art. 58400 3m  
 1 x Art. 58401 6m



2 x Art. 58405



2 x Art. 58407

## Set-58801

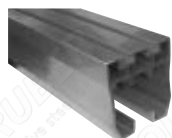
Set per cancello autoportante con profilo in alluminio fino a 350kg e luce 4m  
 Laufwerkset mit Aluminiumprofil bis 350 kg für lichte Durchfahrt bis 4m



2 x Art. 58855



2 x Art. 58850



1 x Art. 58801 6m

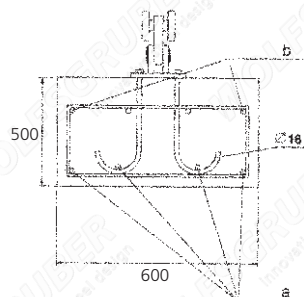
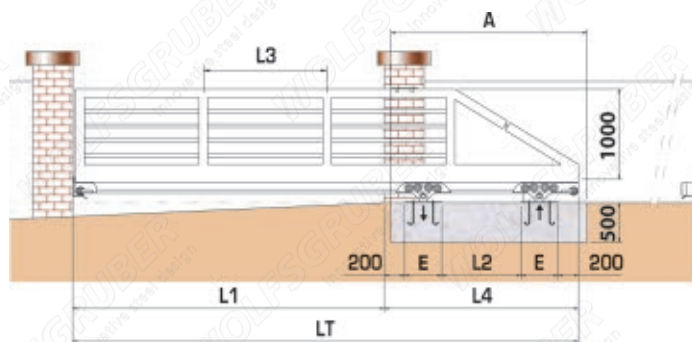


2 x Art. 58405



2 x Art. 58860

ART.	L1 (m)	L2 (m)	L3 MAX (m)	L4 (m)	LT (m)	E (mm)	Cancello/Tor kg	kg/m	A (m)
58452	3	1	1	1,8	4,8	190	450	95	1,8
	4	1	1	2	6	190	450	75	1,8
58450	4	1,3	1	2,3	6,3	300	600	95	2,5
	5	1,5	1,5	2,5	7,5	300	600	80	2,8
	6	1,8	1,5	2,8	8,8	300	600	70	3,2
	8	2,4	1,5	3,4	11,4	300	600	55	3,7
58850	3	1	1	1,8	4,8	300	350	80	1,8
	4	1,3	1	2,3	6,3	300	350	60	2,5
	5	1,5	1,5	2,5	7,5	300	350	50	2,8
	6	1,8	1,5	2,8	8,8	300	350	40	3,2



**PRODOTTI FINITI**  
**FERTIGWARE**  
**FINISHED PRODUCTS**



**WOLFSGRUBER**  
innovative steel design

### **Metallfarbe Vernici speciali epossidiche-acriliche per uso interno ed esterno**

La qualità superiore delle vernici epossidiche-acriliche si manifesta nella loro resistenza agli agenti atmosferici ed alla luce. Sono diluibili con diluente sintetico oppure nitro, con brevi tempi di essiccazione, ottima adesione e resistenza all'abrasione, di lunga durata.

Le vernici epossidiche-acriliche speciali sono ideali per l'artigianato del ferro battuto, si possono applicare senza strato intermedio su superfici appena zincate. Il prodotto va diluito con diluente sintetico oppure con nitro e può essere applicato a pennello, spruzzo ed immersione.

Per l'applicazione a pennello il prodotto va applicato quasi puro, mentre per l'applicazione a spruzzo o ad immersione si diluisce con 15 - 20 % con diluente sintetico oppure nitro

Gli oggetti da verniciare devono essere privi di ruggine, olio e grassi.



### **Metallfarbe Epoxyd-Acryl-Speziallacke für innen und außen**

Epoxyd-Acryl-Speziallacke zeichnen sich durch ihre Licht und Wetterfestigkeit aus;

Sie sind schnell trocknend, haben eine sehr gute Haftung, sind abriebfest und dauerhaft.

Epoxyd-Acryl-Speziallacke sind ideal für alle Kunstschmiedearbeiten, weil sie ohne Zwischenanstrich sofort auf frisch verzinkte Oberflächen aufgebracht werden können und zum Streichen, Spritzen und Tauchen geeignet sind.

Zum Streichen fast unverdünnt, zum Tauchen und Spritzen mit 15 - 20 % Nitroverdünnung zu verarbeiten.

Die zu lackierenden Teile müssen frei von Rost, Öl und Fett sein.

### **Metallfarbe Epoxydic-acrylic special paints for interior and exterior use**

Epoxydic-acrylic special paints are fast to light and extremely weatherresistant;

They are fast drying and show extreme adhesion and abrasion resistance which make them much more durable.

Epoxydic-acrylic special paints are ideal for the iron-forging handcraft, because they can be applied immediately even on freshly galvanized surfaces without intermediate coat.

They are suitable for brushing, spraying as for dipping.

They are to be diluted with synthetic diluent or nitro.

For brushcoating use it almost pure, for dip coating and spraying add 15 - 20 % synthetic diluent or nitro. The objects must be free of rust, oil or grease.



	RAL	Art.
<p><b>nero-opaco serico</b> Schwarz-seidenmatt black-silky dull</p>		2,5 lt. <b>80017</b>
<p><b>antracite metallizzato</b> Anthrazit-grau, metallisch (Schmiedeantik) anthracite grey, metallic</p>		2,5 lt. <b>80022</b>
<p><b>bianco-opaco serico</b> Weiß-seidenmatt white-silky dull</p>		2,5 lt. <b>80027</b>





<b>Patina oro</b> Patina gold Patina gold	0,250 lt.	<b>Art.</b> <b>80110</b>
<b>Patina oro chiaro</b> Patina hellgold Patina gold light	0,250 lt.	<b>80115</b>
<b>Patina argento</b> Patina silber Patina silver	0,250 lt.	<b>80120</b>
<b>Patina rosso rubino</b> Patina rubinrot Patina ruby red	0,250 lt.	<b>80125</b>
<b>Patina rosa antico</b> Patina altrosa Patina antique pink	0,250 lt.	<b>80130</b>
<b>Patina blu acqua</b> Patina wasserblau Patina water blue	0,250 lt.	<b>80135</b>
<b>Patina blu scuro</b> Patina dunkelblau Patina dark blue	0,250 lt.	<b>80138</b>
<b>Patina verde reseda</b> Patina resedagrün Patina reseda green	0,250 lt.	<b>80140</b>
<b>Patina verde scuro</b> Patina dunkelgrün Patina dark green	0,250 lt.	<b>80145</b>
<b>Patina verde</b> Patina grün Patina green	0,250 lt.	<b>80148</b>
<b>Patina marrone scuro</b> Patina dunkelbraun Patina brown	0,250 lt.	<b>80150</b>
<b>Patina giallo</b> Patina gelb Patina yellow	0,250 lt.	<b>80155</b>

INOX AISI 304 satinato - Edelstahl W.1.4301 geschliffen - stainless steel AISI 304 satined



ART. DIM. (AxBxH) IP  
**69402** 90x245x230 44

1x75 W E27   

diffusore polycarbonato opale  
 Diffuser Polycarbonat opal  
 diffuser polycarbonate opal



ART. DIM. (AxBxH) IP  
**69404** 90x245x230 44

1x75 W E27   

diffusore polycarbonato opale  
 Diffuser Polycarbonat opal  
 diffuser polycarbonate opal



ART. DIM. (AxBxH) IP  
**69406** 90x245x230 44

1x75 W E27   

diffusore polycarbonato opale  
 Diffuser Polycarbonat opal  
 diffuser polycarbonate opal



ART. DIM. (AxBxH) IP  
**69408** 220x110x320 44

1x60 W E27   

diffusore polycarbonato opale  
 Diffuser Polycarbonat opal  
 diffuser polycarbonate opal



ART. DIM. (AxBxH) IP  
**69410** 130x120x230 44

1x60 W E27   

diffusore polycarbonato opale  
 Diffuser Polycarbonat opal  
 diffuser polycarbonate opal



ART. DIM. (AxBxH) IP  
**69412** 160x130x340 43

1x60 W E27   

diffusore polycarbonato opale  
 Diffuser Polycarbonat opal  
 diffuser polycarbonate opal





ART.	DIM. (AxBxH)	IP
<b>69414</b>	120x130x270	43



diffusore polycarbonato opale  
Diffuser Polycarbonat opal  
diffuser polycarbonate opal



ART.	DIM. (AxBxH)	IP
<b>69416</b>	240x130x340	43



diffusore vetro trasparente  
Diffuser Klarglas  
diffuser glass transparent



ART.	DIM. (AxBxH)	IP
<b>69418</b>	240x130x300	43



diffusore vetro trasparente  
Diffuser Klarglas  
diffuser glass transparent



ART.	DIM. (AxBxH)	IP
<b>69420</b>	270x135x270	43



diffusore vetro trasparente  
Diffuser Klarglas  
diffuser glass transparent



ART.	DIM. (AxBxH)	IP
<b>69422</b>	205x130x300	43



diffusore vetro trasparente  
Diffuser Klarglas  
diffuser glass transparent



ART.	DIM. (AxBxH)	IP
<b>69424</b>	145xØ255	43



diffusore polycarbonato opale  
Diffuser Polycarbonat opal  
diffuser polycarbonate opal

INOX AISI 304 satinato - Edelstahl W.1.4301 geschliffen - stainless steel AISI 304 satined



ART. DIM. (AxBxH) IP  
**69426** 85x200x400 44

1x20 W E27

diffusore vetro opale  
Diffuser Opalglas  
diffuser opal glass



ART. DIM. (AxBxH) IP  
**69428** 80x140x380 44

1x24 W TC-L

diffusore vetro opale  
Diffuser Opalglas  
diffuser opal glass



ART. DIM. (AxBxH) IP  
**69430** 115x130x370 44

1x100 W E27

diffusore vetro trasparente  
Diffuser Klarglas  
diffuser glass transparent



ART. DIM. (AxBxH) IP  
**69442** 300xØ90x390 43

1x23 W E27

diffusore polycarbonato opale  
Diffuser Polycarbonat opal  
diffuser polycarbonate opal



ART. DIM. (AxBxH) IP  
**69444** 135xØ90x390 43

1x23 W E27

diffusore polycarbonato opale  
Diffuser Polycarbonat opal  
diffuser polycarbonate opal



ART. DIM. (AxBxH) IP  
**69450** 260x230x365 43

1x75 W E27

diffusore polycarbonato opale  
Diffuser Polycarbonat opal  
diffuser polycarbonate opal



ART. DIM. (AxBxH) IP  
**69452** 260x1225 43

1x75 W E27

diffusore polycarbonato opale  
Diffuser Polycarbonat opal  
diffuser polycarbonate opal



ART. DIM. (AxBxH) IP  
**69446** Ø130x1100 43

1x75 W E27

diffusore polycarbonato opale  
Diffuser Polycarbonat opal  
diffuser polycarbonate opal



# CASSETTE POSTALI - BRIEFKÄSTEN - LETTER BOXES

INOX AISI 304 satinato - Edelstahl W.1.4301 geschliffen - stainless steel AISI 304 satined



ART. DIM. (AxBxH)  
**69512** 390x170x340



ART. DIM. (AxBxH)  
**69514** 395x130x370



ART. DIM. (AxBxH)  
**69516** 400x160x340



ART. DIM. (AxBxH)  
**69518** 330x200x480



ART. DIM. (AxBxH)  
**69520** 375x160x440



ART. DIM. (AxBxH)  
**69522** 375x170x430



INOX AISI 304 satinato - Edelstahl W.1.4301 geschliffen - stainless steel AISI 304 satined



ART. DIM. (AxBxH)  
**69524** 320x130x470



ART. DIM. (AxBxH)  
**69526** 395x115x110



ART. DIM. (AxBxH)  
**69542** 375x165x1250



ART. DIM. (AxBxH)  
**69544** 390x160x430

numeri vivici - Hausnummern - bell push

campanelli - Klingelknöpfe - house numbers



ART.	MAT.
69550	"0"
69551	"1"
69552	"2"
69553	"3"
69554	"4"
69555	"5"
69556	"6"

ART.	MAT.
69557	"7"
69558	"8"
69559	"9"
69550-a	"a"
69550-b	"b"
69550-c	"c"
69550-d	"d"



ART. MAT.  
**69561** Ø75



ART. MAT.  
**69562** 180x60



Ariete - Widder - Aries



ART.	KG
<b>81005</b>	0,64

Toro - Stier - Taurus



ART.	KG
<b>81010</b>	0,56

Gemelli - Zwillinge - Gemini



ART.	KG
<b>81015</b>	0,62

Cancro - Krebs - Cancer



ART.	KG
<b>81020</b>	0,58

Leone - Löwe - Leo



ART.	KG
<b>81025</b>	0,56

Vergine - Jungfrau - Virgo



ART.	KG
<b>81030</b>	0,64

Bilancia - Waage - Libra



ART.	KG
<b>81035</b>	0,54

Scorpione - Skorpion - Scorpio



ART.	KG
<b>81040</b>	0,56

Sagittario - Schütze - Sagittarius



ART.	KG
<b>81045</b>	0,66

Capricorno - Steinbock - Capricorn



ART.	KG
<b>81050</b>	0,58

Acquario - Wassermann - Aquarius



ART.	KG
<b>81055</b>	0,60

Pesci - Fische - Pisces



ART.	KG
<b>81060</b>	0,56





cervo - Rehbock - stag



ART.	KG
<b>81110</b>	<b>1,12</b>

urogallo - Auerhahn - capercaillie



300

ART.	KG
<b>81120</b>	<b>1,16</b>

cavallo - Pferd - horse



ART.	KG
<b>81130</b>	<b>1,22</b>

anitra selvatica - Wildente - wild duck



ART.	KG
<b>81140</b>	<b>0,98</b>

airone - Fischreiher - heron



ART.	KG
<b>81150</b>	<b>1,10</b>

passero - Spatz - sparrow



ART.	KG
<b>81210</b>	0,60

scoiattolo - Eichhörnchen - squirrel



ART.	KG
<b>81220</b>	0,56

cavalluccio marino - Seepferdchen - sea-horse



ART.	KG
<b>81230</b>	0,52

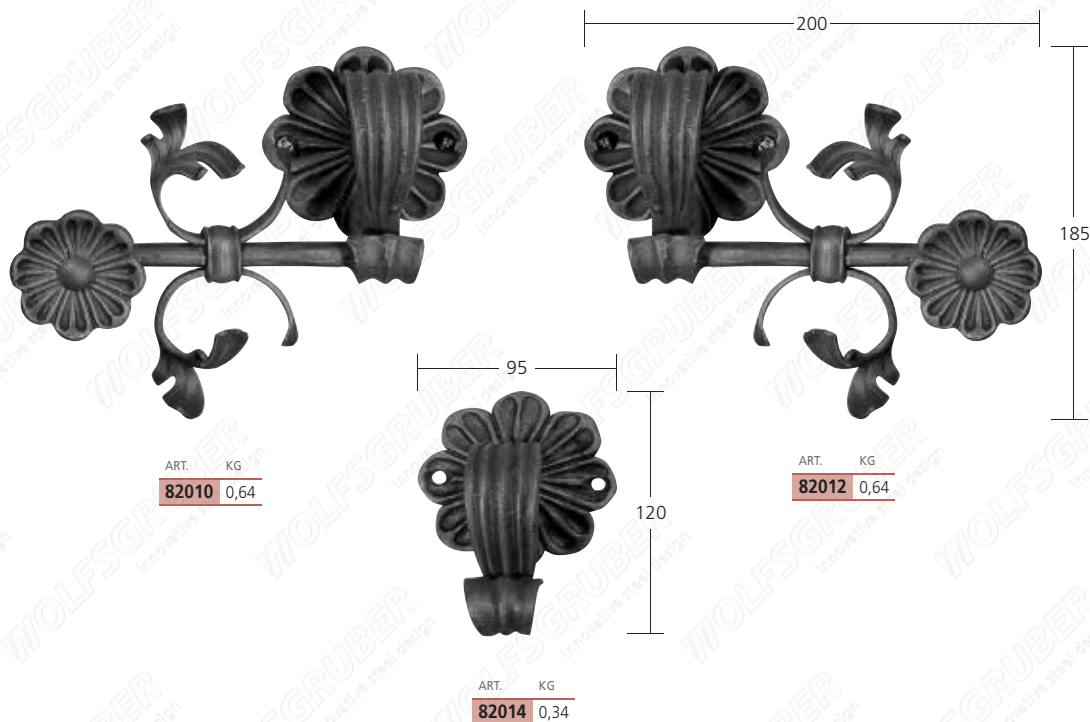
pesce - Fisch - fish



ART.	KG
<b>81240</b>	0,54



ART.	KG
<b>81300</b>	7,78



ganci attaccapanni - Garderobenhaken - coat hooks







ART.	KG
83010	7,06



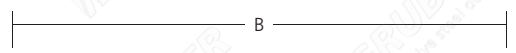
ART.	KG
83020	4,10



ART.	KG
<b>84010</b>	1,02



ART.	KG
<b>84020</b>	0,70

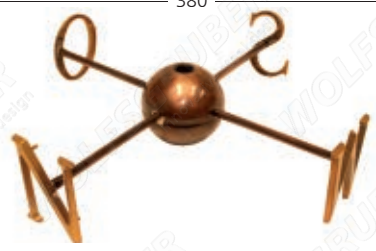
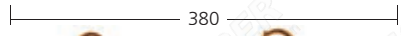


rame - Kupfer - copper

ART.	BxH MM	KG
<b>84210</b>	330x455	1,04
<b>84220</b>	550x600	2,14



ART.	KG	Ø
<b>84230</b>	0,54	28



ART.	KG
<b>84240</b>	0,38







ferro - Eisen - iron



310

ART. **85010** KG 2,80

bronzo - Bronze - bronze



310

ART. **85020** KG 2,52



185

280

ART. **85022**



230

365

ART. **85024**



Ø160

300

ART. **85026**



315

165

145

ART. **85028**



340

175

150

ART. **85030**



ART.  
**85125**



ART.  
**85130**



ART.	BxH MM	KG
<b>85110</b>	215x310	1,38
<b>85120</b>	280x410	3,30



ART.	KG
<b>85210</b>	0,56



ART.	KG
<b>85220</b>	0,70



ART.  
**85225**





**OTTONE**  
**MESSING**  
**BRASS**



**WOLFSGRUBER**  
innovative steel design

laminati a caldo • warm gewalzt • rolled with heat



ART.	MAT.	KG
<b>20512</b>	54x8 mm	1,61

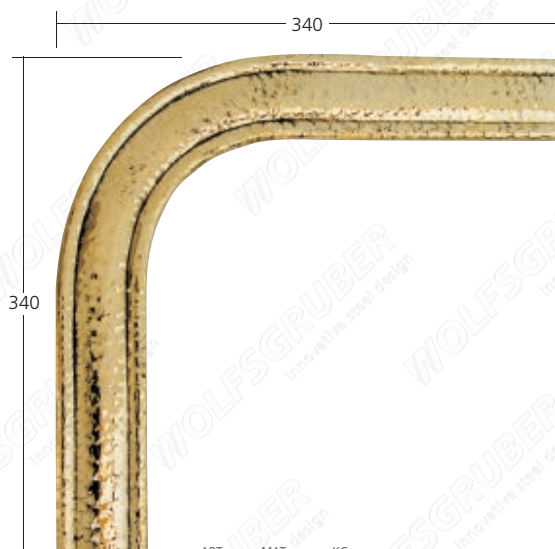


ART.	MAT.	KG/m
<b>20510</b>	54x8x3000 mm	2,69

bronzo da forgia  
Schmiedebronze  
bronzes forged



ART.	MAT.	KG
<b>20514</b>	54x8 mm	1,61



ART.	MAT.	KG
<b>20516</b>	54x8 mm	1,61

laminati a caldo • warm gewalzt • rolled with heat

ART.	MAT.	KG
<b>20522</b>	54x8 mm	1,85
<b>20532</b>	42x8 mm	1,38



ART.	MAT.	KG
<b>20520</b>	54x8x3000 mm	3,09
<b>20530</b>	42x8x3000 mm	2,30



bronzo da forgia  
Schmiedebronze  
bronze forged



ART.	MAT.	KG
<b>20524</b>	54x8 mm	1,85
<b>20534</b>	42x8 mm	1,38



ART.	MAT.	KG
<b>20526</b>	54x8 mm	1,85
<b>20536</b>	42x8 mm	1,38





laminati a caldo • warm gewalzt • rolled with heat



ART.	MAT.	KG
20542	45x15 mm	1,69



ART.	MAT.	KG/m
20540	45x15x3000 mm	2,81



ART.	MAT.	KG
20544	45x12 mm	1,69

laminati a caldo • warm gewalzt • rolled with heat

ART.	MAT.	KG
20552	50x15 mm	2,30



ART.	MAT.	KG/m
20550	50x15x3000 mm	3,83



ART.	MAT.	KG
20554	45x15 mm	2,30



# SOSTEGNI CORRIMANO • HANDLAUFTRÄGER • HANDRAIL SUPPORTING

ottone lucidato e verniciato a forno • Messing hochglanzpoliert und einbrennlackiert • brass highly polished, stove enamelled



ART.	PER TUBE FÜR ROHR FOR TUBE	KG
<b>22411</b>	Ø33,7	0,22
<b>22412</b>	Ø42,4	0,23



ART.	PER TUBE FÜR ROHR FOR TUBE	KG
<b>22421</b>	Ø33,7	0,25
<b>22422</b>	Ø42,4	0,28



ART.	PER TUBE FÜR ROHR FOR TUBE	KG
<b>22431</b>	Ø33,7	0,25
<b>22432</b>	Ø42,4	0,28

## giunti sferici - Kugelgelenke - ball-and-socket joints



ART.	PER TUBE FÜR ROHR FOR TUBE	KG
<b>22451</b>	Ø33,7	0,23
<b>22452</b>	Ø42,4	0,27



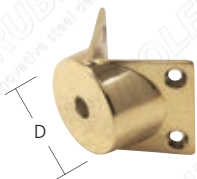
ART.	PER TUBE FÜR ROHR FOR TUBE	KG
<b>22456</b>	Ø33,7	0,32
<b>22457</b>	Ø42,4	0,37

## piastrina di base Bodenrosetten base rosette



ART.	Ø D mm	KG
<b>22460</b>	12	0,28
<b>22462</b>	14	0,30
<b>22464</b>	25	0,35
<b>22466</b>	42,4	0,38

## mensole d'angolo Eckkonsole edge console



ART.	Ø D mm	KG
<b>22470</b>	42,4	0,08





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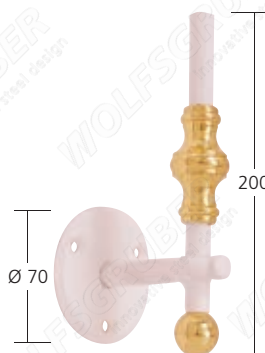
ART.	FORO LOCH HOLE	KG	FILETTO GEWINDE THREAD
<b>22010</b>	Ø30 mm	1,12	M 14



ART.	FORO LOCH HOLE	KG	FILETTO GEWINDE THREAD
<b>22020</b>	Ø30 mm	0,34	M 8



ART.	FORO LOCH HOLE	KG
<b>22030</b>	Ø30 mm	0,78



ART.	MAT.	KG
<b>22040</b>	Ø14 mm	0,78

esempi d'impiego - Anwendungsbeispiele - examples of application





sfere cave  
Hohlkugeln  
hollow spheres

ART.	Ø mm	FILETTO GEWINDE THREAD	KG
<b>70050</b>	50	M 8	0,15
<b>70065</b>	65	M 10	0,30
<b>70075</b>	75	M 10	0,39
<b>70085</b>	85	M 10	0,51
<b>70100</b>	100	M 10	0,53
<b>70120</b>	120	M 10	1,06

dorato  
vergoldet  
gilder

Art. 7G0050

Art. 7G0065

Art. 7G0075

Art. 7G0085

Art. 7G0100



sfere piene  
Massivkugeln  
hallow spheres

ART.	Ø mm	FILETTO GEWINDE THREAD	KG
<b>70220</b>	20	M 6	0,03
<b>70225</b>	25	M 6	0,06
<b>70230</b>	30	M 6	0,11
<b>70235</b>	35	M 8	0,18
<b>70240</b>	40	M 8	0,27

dorato  
vergoldet  
gilder

Art. 7G0220

Art. 7G0225

Art. 7G0230

Art. 7G0235

Art. 7G0240



sfere piene con foro cieco  
Massivkugeln mit Sackloch  
solid spheres with blind hole

ART.	MAT.	FOUR LOCH HOLE	dorato vergoldet gilder
<b>71271</b>	Ø20	Ø10,3	
<b>71272</b>	Ø20	Ø12,3	Art. 7G1272
<b>71274</b>	Ø20	Ø14,3	Art. 7G1274
<b>71276</b>	Ø25	Ø12,3	Art. 7G1276
<b>71278</b>	Ø25	Ø14,3	Art. 7G1278

sfere piene tornite  
Massivkugeln drehblank  
solid spheres bright late worked



ART.	Ø mm	FILETTO GEWINDE THREAD	KG
<b>70410</b>	10	M 4	0,01
<b>70412</b>	12	M 4	0,01
<b>70414</b>	14	M 5	0,01
<b>70416</b>	16	M 5	0,02
<b>70420</b>	20	M 6	0,03
<b>70425</b>	25	M 6	0,06
<b>70430</b>	30	M 6	0,11
<b>70435</b>	35	M 8	0,18
<b>70440</b>	40	M 8	0,27

ottone lucidato e verniciato a forno • Messing hochglanzpoliert und einbrennlackiert • brass highly polished, stove enamelled



dorado  
vergoldet  
gilder  
Art. 7G1030

ART.	SEDE ANSATZ LUG	FILETTO GEWINDE THREAD	KG
<b>71030</b>	Ø16 mm	M 6	0,05



dorado  
vergoldet  
gilder  
Art. 7G1050

ART.	SEDE ANSATZ LUG	FILETTO GEWINDE THREAD	KG
<b>71050</b>	Ø30 mm	M 10	0,19



dorado  
vergoldet  
gilder  
Art. 7G1058

ART.	SEDE ANSATZ LUG	FILETTO GEWINDE THREAD	KG
<b>71058</b>	Ø34 mm	M 10	0,27



ART.	SEDE ANSATZ LUG	FILETTO GEWINDE THREAD	KG
<b>71075</b>	Ø42,8 mm	M 10	0,50

dorado  
vergoldet  
gilder  
Art. 7G1075



ART.	SEDE ANSATZ LUG	FILETTO GEWINDE THREAD	KG
<b>71085</b>	Ø42,8 mm	M 10	0,72
	Ø48,8 mm		

dorado  
vergoldet  
gilder  
Art. 7G1085







# FINALI DECORATIVI • ZIERAUFsätze • ORNAMENTAL CAPS

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ART.	SEDE ANSATZ LUG	FILETTO GEWINDE THREAD	KG
<b>71243</b>	Ø30 mm	M 10	0,18



ART.	SEDE ANSATZ LUG	FILETTO GEWINDE THREAD	KG
<b>71260</b>	Ø30 mm	M 10	0,27



ART.	FILETTO GEWINDE THREAD	KG
<b>71255</b>	M 8	0,28



ART.	SEDE ANSATZ LUG	FILETTO GEWINDE THREAD	KG
<b>71250</b>	Ø26 mm	M 10	0,25



ART.	FILETTO GEWINDE THREAD	KG
<b>71328</b>	M 6	0,04



ART.	FILETTO GEWINDE THREAD	KG
<b>71333</b>	M 10	0,10



ART.	FILETTO GEWINDE THREAD	KG
<b>71343</b>	M 10	0,16

ottone lucidato e verniciato a forno • Messing hochglanzpoliert und einbrennlackiert • brass highly polished, stove enamelled

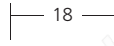


ART.	MAT.	FOUR LOCH HOLE	KG
71252	Ø20x16	Ø12,3	kg
71254	Ø20x16	Ø14,3	kg

dorado  
vergoldet  
gilder

Art. 7G1252

Art. 7G1254



27



ART.	SEDE ANSATZ LUG	KG
71432	Ø12 mm	0,02

dorado  
vergoldet  
gilder

Art. 7G1432

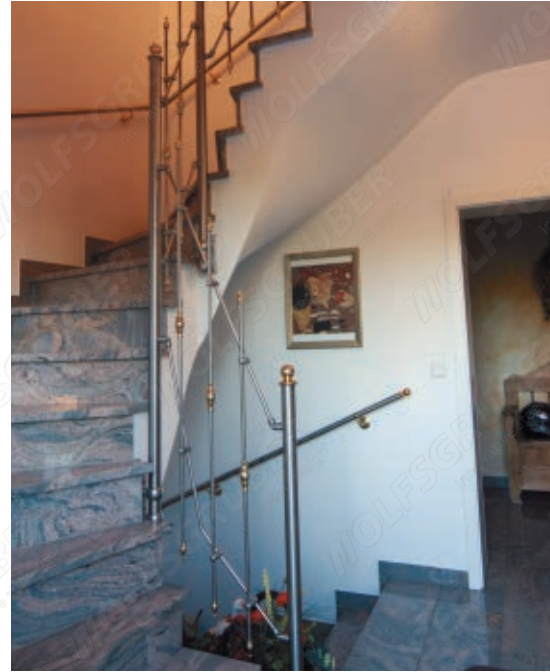


ART.	MAT.	FOUR LOCH HOLE	KG
71262	Ø20x16	Ø12,3	kg
71264	Ø20x16	Ø14,3	kg

dorado  
vergoldet  
gilder

Art. 7G1262

Art. 7G1264





bussole con filetto esterno  
Gewindehülsen  
threaded coupling

inserto per fissaggio di finali  
Verschraubungseinsatz  
thread joint



ART.	FILETTO EWINDE THREAD	H
71830	M 10x1	20
71840	M 10x1	40



ART.	FILETTO GEWINDE THREAD	PER TUBI FÜR ROHRE FOR TUBES	KG
71850	M 10	Ø30	0,006
71855	M 10	Ø42,4	0,018



ottone lucidato e verniciato a forno • Messing hochglanzpoliert und einbrennlackiert • brass highly polished, stove enamelled

dadi ciechi con calotta sferica  
Hutmutter  
cap nuts



ART. FILETTO  
GEWINDE  
THREAD

71815	M 5
71816	M 6

dado  
Mutter  
hexagon nut

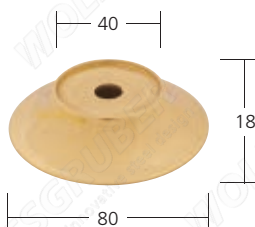


ART. FILETTO  
GEWINDE  
THREAD

71810	M 10x1
-------	--------



ART.	FORO LOCH HOLE	KG
72170	Ø10	0,09



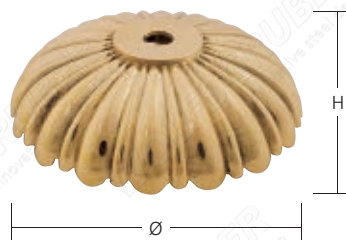
ART.	FORO LOCH HOLE	KG
72175	Ø10	0,10



ART.	FORO LOCH HOLE	KG
72180	Ø10	0,10



ART.	Ø mm	H mm	FORO LOCH HOLE	KG
72185	85	33	Ø10	0,16
72188	96	37	Ø10	0,30



ART.	Ø mm	H mm	FORO LOCH HOLE	KG
72190	90	34	Ø10	0,16
72195	110	34	Ø10	0,25



# ROSETTE ORNAMENTALI • ZIERROSETTEN • ORNAMENTAL ROSETTES

ottone lucidato e verniciato a forno • Messing hochglanzpoliert und einbrennlackiert • brass highly polished, stove enamelled



ART.	FORO LOCH HOLE	KG
<b>72245</b>	Ø10	0,02



ART.	Ø mm	FILETTO GEWINDE THREAD	KG
<b>72236</b>	36	M 8	0,04
<b>72250</b>	50	M 8	0,06



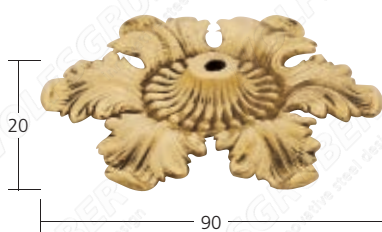
ART.	FORO LOCH HOLE	KG
<b>72258</b>	Ø10	0,06



ART.	FORO LOCH HOLE	KG
<b>72265</b>	M 5	0,08



ART.	FORO LOCH HOLE	KG
<b>72280</b>	Ø10	0,06



ART.	FORO LOCH HOLE	KG
<b>72290</b>	Ø10	0,06

lucidate e protette con nylon - poliert und foliengeschützt - polished and foil coated



ART.	Ø mm	SPESSORE STÄRKE THICKNESS	KG
<b>73033</b>	33	4 mm	0,03
<b>73040</b>	40	4 mm	0,04
<b>73050</b>	50	4 mm	0,07
<b>73060</b>	60	4 mm	0,09
<b>73070</b>	70	4 mm	0,13
<b>73080</b>	80	6 mm	0,25
<b>73100</b>	100	6 mm	0,40



ART.	Ø mm	SPESSORE STÄRKE THICKNESS	KG
<b>73255</b>	55	4 mm	0,06
<b>73292</b>	92	4 mm	0,18

ottone lucidato e verniciato a forno • Messing hochglanzpoliert und einbrennlackiert • brass highly polished, stove enamelled



ART.	FORO LOCH HOLE	KG
<b>74030</b>	Ø14	0,16



ART.	FILETTO GEWINDE THREAD	KG
<b>74032</b>	Ø22,4	0,43
<b>74035</b>	Ø25,4	0,34



ART.	FORO LOCH HOLE	KG
<b>74038</b>	Ø22,4	0,44
<b>74040</b>	Ø25,4	0,38



ART.	FORO LOCH HOLE	KG
<b>74042</b>	Ø25,4 mm	0,14



ART.	FORO LOCH HOLE	KG
<b>74045</b>	Ø12 mm	0,34



ART.	FORO LOCH HOLE	KG
<b>74055</b>	Ø25,4 mm	0,67



ART.	FORO LOCH HOLE	KG
<b>74060</b>	Ø25,4 mm	0,28





# BORCHIE • ZIERHÜLSEN • ENVELOPING BODIES

ottone lucidato e verniciato a forno • Messing hochglanzpoliert und einbrennlackiert • brass highly polished, stove enamelled



dorado  
vergoldet  
gilder  
7G5030

ART.	FORO LOCH HOLE	KG
75030	Ø12,2 mm	0,18



ART.	FORO LOCH HOLE	KG
75035	Ø16,2 mm	0,18



dorado  
vergoldet  
gilder  
7G5020

ART.	FORO LOCH HOLE	KG
75020	Ø12,2 mm	0,63



dorado  
vergoldet  
gilder  
7G5025

ART.	FORO LOCH HOLE	KG
75025	Ø12,2 mm	0,09



ART.	FORO LOCH HOLE	KG
75040	Ø14,2 mm	0,14



ART.	FORO LOCH HOLE	KG
75045	Ø11 mm	0,16



ART.	FORO LOCH HOLE	KG
75055	Ø12 mm	0,16



ART.	FORO LOCH HOLE	KG
75060	Ø16,2 mm	0,30

ottone lucidato e verniciato a forno • Messing hochglanzpoliert und einbrennlackiert • brass highly polished, stove enamelled



ART.	FORO LOCH HOLE	KG
75125	Ø35 Ø12,2	
75130	Ø40 Ø14,2	



ART.	FORO LOCH HOLE	KG
75135	Ø8,5 mm 0,16	

dorado  
vergoldet  
gilder  
7G5135

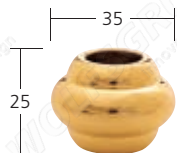


ART.	FORO LOCH HOLE	KG
75140	Ø10,5 mm 0,24	



ART.	FORO LOCH HOLE	KG
75145	□ 14,4 mm 0,08	

35x35



ART.	FORO LOCH HOLE	KG
75150	Ø14,4	
75151	Ø12,2	

dorado  
vergoldet  
gilder  
7G5151



ART.	FORO LOCH HOLE	FILETTO GEWINDE THREAD	KG
75155	Ø28 mm	M 10x1	0,10



# PARTICOLARI ORNAMENTALI • DEKORATIONSELEMENTE • ADDITIVES

ottone lucidato e verniciato a forno • Messing hochglanzpoliert und einbrennlackiert • brass highly polished, stove enamelled



ART.	KG
<b>76130</b>	0,10



ART.	KG
<b>76140</b>	0,26



ART.	FILETTO GEWINDE THREAD	KG
<b>76075</b>	M 10	0,08



ART.	KG
<b>76165</b>	0,10



ART.	FILETTO GEWINDE THREAD	KG
<b>76170</b>	M 10	0,34





lettere e numeri civici decorativi  
 Dekorative Hausnummern - Buchstaben  
 decorative house numbers and letters



ART.	FILETT GEWINDE THREAD
<b>77010-0</b>	M 6
" -"	" "
" -"	" "
" -"	" "
<b>77010-9</b>	M 6



ART.	FILETT GEWINDE THREAD
<b>77020-a</b>	M 6
" -b	" "
" -c	" "
" -d	" "
<b>77020-e</b>	M 6



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02/2024

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