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# G-POST



Tillmann & Köckmann  
GmbH & Co. KG  
Specksloh 6  
59757 Arnsberg  
Germany  
Tel.: +49 29 32 / 89 48 6 - 10  
Fax: +49 29 32 / 89 48 6 - 29  
E-Mail: [info@tka-metall.de](mailto:info@tka-metall.de)  
Internet: [www.tka-metall.de](http://www.tka-metall.de)



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# G-POST



G-Post is the strong partner of prison mesh 358. The combination of G-post and prison mesh 358 (difficult to cut through and climb over) is a perfect solution for high security applications as:

- Military areas
- Prisons / psychiatric hospitals
- Infrastructure areas as harbors / airports / railway stations
- Energy systems as nuclear power stations / pipelines / solar parks
- Industrial and logistic areas

By combining prison mesh 358 and G-posts with flat iron an installation at slopes is easily done.

Rectangular steel tubes 80/60/3mm and 120/60/3mm - for corner posts 80/80/3mm and 120/120/3mm. On top of each post you can find a lamellar cap.

**Accessories:** Lamellar cap, flat iron 60/5 mm. As screws you can select: M8x40 stainless steel hexagon socket screw (Allen screw) or one-way security screws (always with washers). Please order separately.

But as well for areas with lower security requirements looking for a fence with unobtrusive aesthetics as:

- Schools / Kindergartens
- Housing estates
- Public parks

Of course we offer different post sections on request as well.

By using our modern tube laser system, we can offer you exceptional solutions for any demand you may have.

POST PROFILE mm	TOTAL POST LENGTH mm	PANEL HEIGHT mm	NUMBER OF SCREWS	NUMBER/LENGTH OF FLAT IRON
80/60/3	2600	2010,6	9	1 x 2005 mm
80/60/3	3000	2417,0	10	1 x 2417 mm
80/60/3	3800	3001,2	13	1 x 3000 mm
120/60/3	4800	4004,5	18	2 x 2005 mm

## OUR BASE PLATES

FENCE HEIGHT	BASE PLATE (WITH GUSSET PLATE)
2010,6 mm	250/250/15 mm
2417,0 mm	250/250/15 mm
3001,2 mm	250/250/15 mm
4004,5 mm	300/300/15 mm

Special base plates in L- or U-shape as well as special sizes are available on request.

**OUR PRODUCTS ARE AVAILABLE IN A HOT DIPPED GALVANIZED VERSION OR POWDER-COATED IN THE STANDARD COLOURS GREEN RAL 6005 AND ANTHRACITE RAL 7016. OTHER RAL COLOURS ON REQUEST.**

Notes: All post profiles and foundation dimensions T&K.A. recommends comply with general structural requirements. They are not a substitute for the site-specific structural analysis as specified by construction supervision. This is to be provided by the customer.

All goods declared by us as hot dipped galvanized are hot dipped galvanized according to DIN EN ISO 1461. This procedure protects all metal components against corrosion. The formation of white rust cannot basically be prevented. It is a powdery, water-soluble product of zinc corrosion formed from zinc hydroxide and zinc oxide. This is not a quality defect and with the formation of the zinc patina layer, this occurrence disappears completely. Minor surface irregularities and zinc discharge points are production-determined features and are evidence of hot dipped galvanizing (source: Zinkberatung e.V., [the German zinc consultative body] Düsseldorf).

Technical details are subject to change. Custom-made products, other RAL colors and dimensions on request.

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Hexagon socket screw (Allen screw)



One-way security screw

### ADDITIONAL CLIMB OVER PROTECTION BY MEANS OF SPECIAL CRANK ARM EXTENSIONS



For high security applications asking for an additional climb over protection we offer special crank arm extensions. The fixation up to 3 lines of barbed wire is possible. The crank arm extensions will be fixed to the posts by screws: either M8x40 stainless steel hexagon socket screw (Allen screw) or one-way security screws. In this case posts have to be 60 mm longer at the top.

Our tube laser system combined with our specialist welding workshop is the core expertise in custom solutions. A high quality durable surface treatment also protects against corrosion.