

premec

Refill Catalogue 2024

Premec's long lasting experience in production of tips and know how on inks, turn into a comprehensive range of finished refills for You.



With 60 years of experience in the writing industry, Premec R&D is a valid support for the definition of the characteristics and privileges of your refills, for forefront response to market demand, worldwide.

Accurate and consistent controls secure the traditional Premec's attention to craftmade details, while innovative and rational production processes satisfy your international needs at very competitive rates for small and mass volumes.

Products are available from our 2 production centers in Switzerland and Malaysia, securing the optimal manufacturing, logistic and distribution service, with equal Swiss Quality and precision.

G2 Jumbo Refill, Oil based inks

with metal and plastic tubes (ISO 127557)

Tube material: polypropylene and metal.

Tip arrow head shape Ø 2.52 mm.

Tip material: nickel silver alloy or Stainless steel PB Free.

Ball Ø 0.5 - 0.7 - 1.0 - 1.4 mm.

Ball material: Tungsten Carbide.

Overall length dimension: 98.1 mm.

Ink* charge: plastic 0.75 gr / metal 1.1 gr.

Average writing length: plastic 3.500 m / metal 5.000 m
(measured with 1.0 mm tip).

Possible customised imprinting, pad or silk screen, based on MOQ.

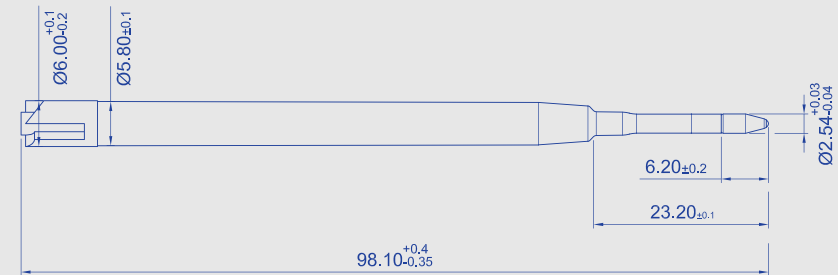
Back plug neutral or ink colour.

Ink: Floating Ball® by Premec, Swiss made or inks from major international brands on demand.

Standard ink colours: black, blue, red.



More colours possible based on MOQ.





Decorated styling on demand.

G2 Jumbo Refill, Gel (ISO 27668)

Tube material: polypropylene.

Tip arrow head shape \varnothing 2.52 mm, for retractable gel pens.

Tip material: Stainless steel PB Free.

Inside spring loaded, Axis System, Premec patent.

Ball \varnothing 0.5 - 0.7 - and 1.0 mm.

Ball material Tungsten Carbide.

Overall length dimension: 98.1 mm.

Ink* charge: 0.7 gr.

Average writing length: 500 m (measured with 0.7 mm gel tip).

Possible customised imprinting, pad or silk screen, based on MOQ.

Wax sealing on the tip.

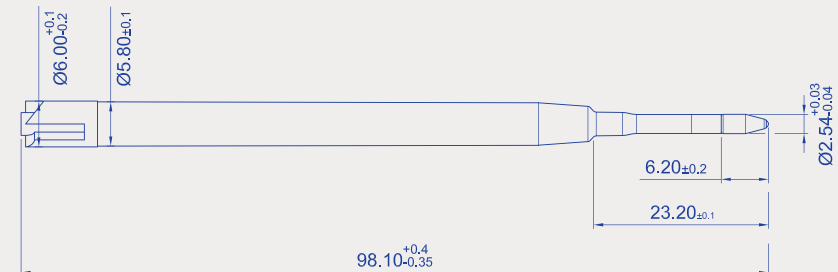
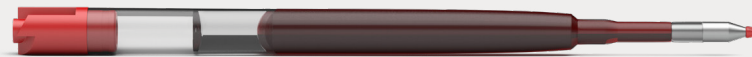
Back plug neutral or ink colour.

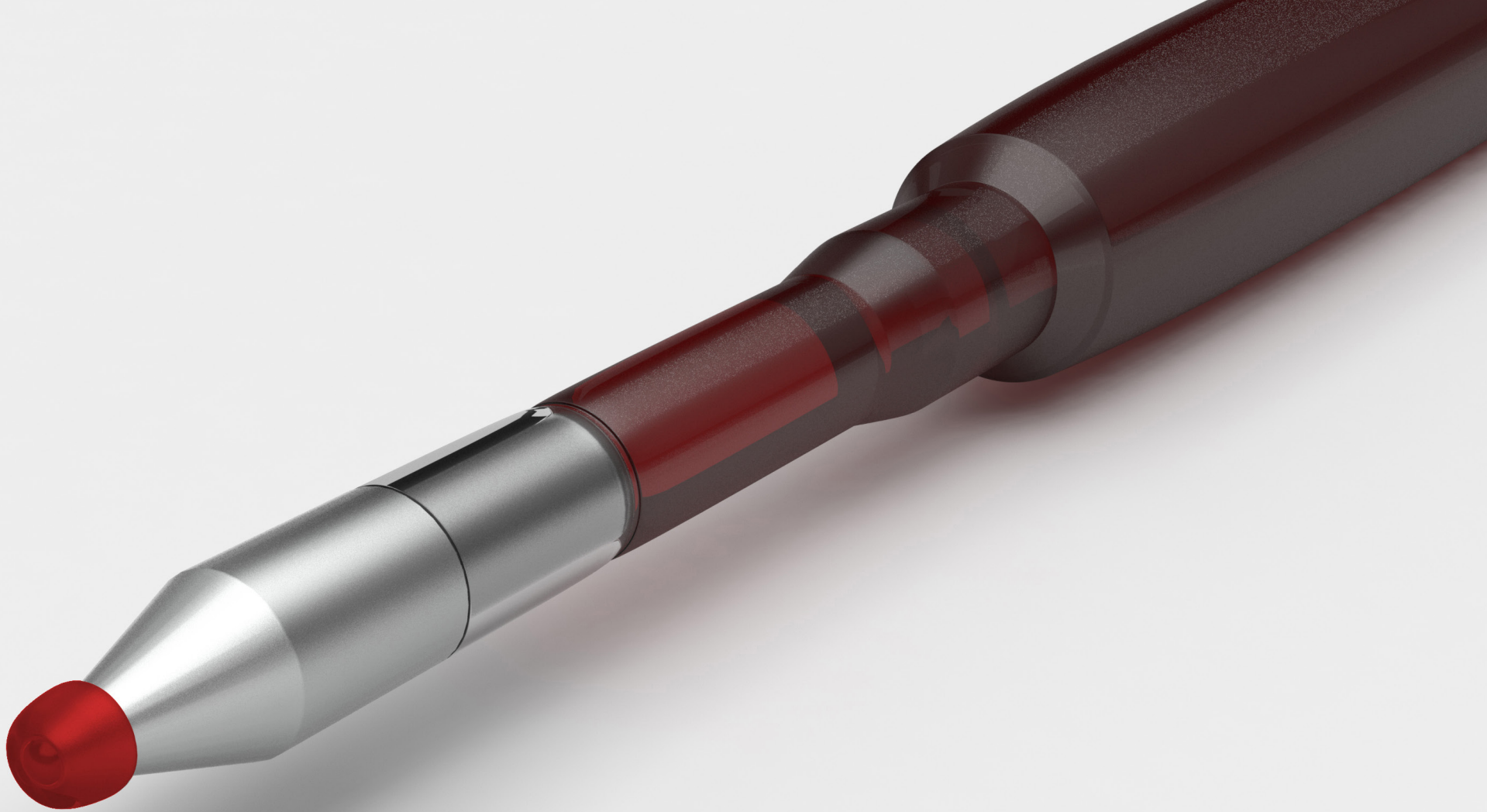
Inks from major international brands on demand.

Standard ink colours: black and blue.



More colours possible based on MOQ.





Extended shelf life and
protection of system integrity
by wax sealing.

Gel Refill

Tube material: transparent or solid polypropylene.

Tip arrow head or needle shape.

For retractable or stick gel pen.

Tip material: Stainless steel PB Free.

Ball Ø 0.4 - 0.5 - 0.6 - 0.7 and 1.0 mm Tungsten Carbide.

With and without inside spring loaded, Axis system, Premec patent.

Overall length dimension fully flexible on demand

(examples: retractable 110.5 mm / stick 130.8 mm).

Traditional basic colours for «office and school» category.

Fancy, pastel or metal inks versions specially for «art & craft» category.

Ink* charge: retractable 0.90 gr / stick 0.65 gr.

Average writing length: retractable 600 m / stick 450 m

(measured with 0.7 mm gel tip).

Wax sealing or rubber cap on the tip.

Above info are exemples of possible solutions, we work according to customers drawing, custom made.

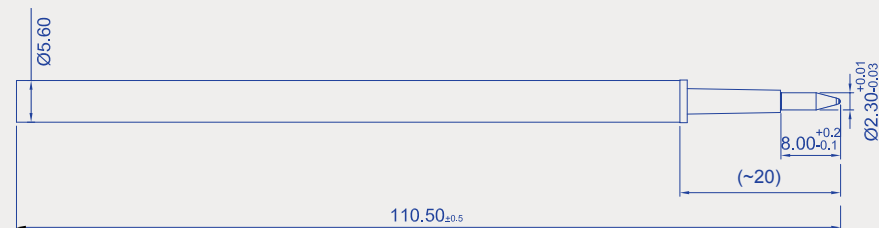
Inks from major international brands on demand.

Standard ink colours: black and blue.

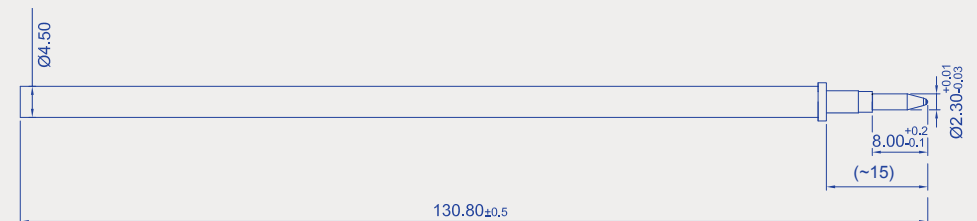


More colours possible based on MOQ.

Retractable Version



Stick Version





Consistent process control
by lot tracing data.

Capillary Refill

Tube material: polypropylene, with and without crimping.
Tip arrow head or needle shape.
Tip material: nickel silver alloy or Stainless steel PB Free.
Ball Ø 0.5 - 0.6 - 0.7 - 0.8 - 1.0 - 1.4 mm.
Ball material: Tungsten Carbide.
Overall length dimension: fully flexible on demand
(example: 140.00 mm for stick pen and 106.8 mm for retractable pen).

Ink* charge: range from 0.18 gr to 0.32 gr aprox.
Writing length: depending on refill design.

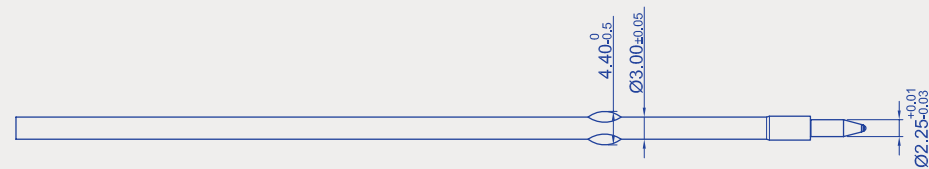
Ink: Floating Ball® by Premec, Swiss made or inks from major international brands on demand.

Standard ink colours: black, blue, red.

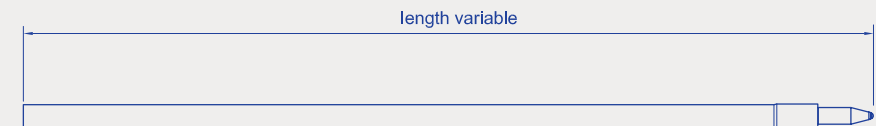


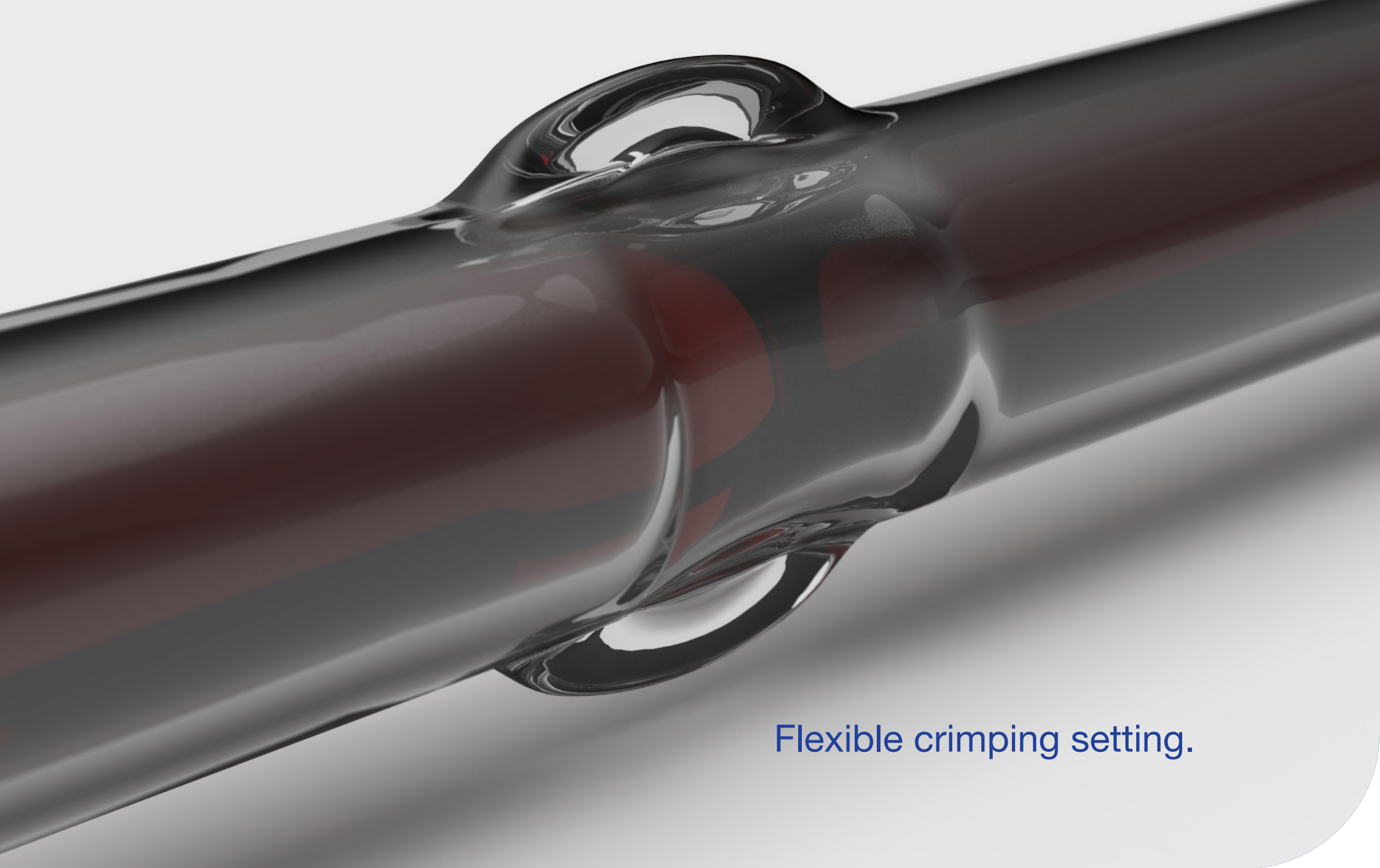
More colours possible based on MOQ.

Retractable Version



Stick Version





Flexible crimping setting.

Properties and Regulations

All our refills are compliant with:

- Swiss Ordinance on Utility Articles (GebrV SR 817.04) - provisions relating to aromatic amines
- REACH regulations
- G2 Jumbo refill, Oil based
Shape according ISO12757-1 G2
Ink according to ISO12757-1 or ISO12757-2
- Gel refill
Ink according to ISO27668-1 or ISO27668-2
- Capillary refill
Ink according to ISO12757-1 or ISO12757-2

Remark

The pictures in this catalogue are for information purposes only.

For exact dimensions, please ask for our technical data sheets.
Peculiar specifications are indicated only in the data sheets, subject to revision.

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Smoothness, color shades, writing length, quality consistency and Swiss accuracy are some of the aspects we care for You.

To satisfy our customers, we work according to their custom-made drawings.

For more details or specific offers please contact our Sales and Distribution dept. at Premec Switzerland.

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