

PRODUCT DATA SHEET

7504-K SELF-DRILLINGSCREW

PRODUCT DESCRIPTION

The 7504-K self-drilling screw has been specially designed for **steel-to-steel and wood-to-steel connections** and **drills** and shapes its **core hole** and **counter thread** directly in the material itself. This means you won't need to waste time and effort on pre-drilling or selecting the appropriate borehole diameter. The **specially designed drill-tip geometry** ensures that the screw will not slip off the component surface and allows for **fast, precise centre-drilling** – it is no longer necessary to punch-mark the drilling position.

The 7504-K self-drilling screw thus represents a time-saving alternative to conventional self-tapping sheet-metal screws and can be easily screwed in with a standard spanner or "nut".

APPLICATIONS / SPECIFICATIONS

- For sheet-metal thicknesses of up to 6 mm
- For fastening sheet metals, e.g. trapezoidal sheet metals
- Limited corrosion resistance and suitable for use classes 1 and 2 in accordance with DIN EN 1995 (Eurocode 5)
- Unsuitable for tannin-containing timbers

MATERIAL

- Hardened carbon steel + galvanised blue
- Chromium(VI) oxide free
- Good resistance to mechanical stress



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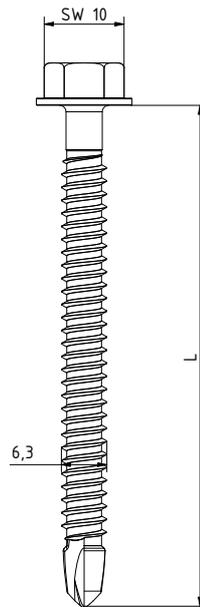
* On request and above a minimum order quantity, the colour caps can also be supplied in any RAL colour.



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TECHNICAL INFORMATION



Side view

PRODUCT TABLE

7504-K self-drilling screw				
Art. no.	Designation	Ø D1 [mm]	Length L [mm]	PU
800550	BSK 6,3 x 60	6,3	60	100
800551	BSK 6,3 x 70	6,3	70	100
800552	BSK 6,3 x 80	6,3	80	100
800553	BSK 6,3 x 100	6,3	100	100
800554	BSK 6,3 x 120	6,3	120	100
800555	BSK 6,3 x 140	6,3	140	100
800556	BSK 6,3 x 160	6,3	160	100
800557	BSK 6,3 x 180	6,3	180	100
800558	BSK 6,3 x 200	6,3	200	100

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COMBINABLE PRODUCTS

Colour caps hexagon bolts				
Art. no.	Colour	Spanner size	Diameter [mm]	PU
800560	Colour cap grey white (RAL9002)	10	23	500
800561	Colour cap sienna-red (RAL 3009)	10	23	500
800562	Colour cap dark brown (RAL8017)	10	23	500



Spherical caps for trapezoidal sheet metals			
Art. no.	Colour		PU
800570	Grey white (RAL9005)		50
800571	Grey white (RAL9005)		50
800572	Grey white (RAL9005)		50
800573	Grey white (RAL9005)		50
800574	Grey white (RAL9005)		50
800575	Sienna red (RAL3009)		50
800576	Sienna red (RAL3009)		50
800577	Sienna red (RAL3009)		50
800578	Sienna red (RAL3009)		50
800579	Sienna red (RAL3009)		50
800580	Dark brown (RAL8017)		50
800581	Dark brown (RAL8017)		50
800582	Dark brown (RAL8017)		50
800583	Dark brown (RAL8017)		50
800584	Dark brown (RAL8017)		50



EPDM BAZ washer			
Art. no.	Colour	Dimension ^{a)} [mm]	PU
945988	black	25 x 15	100
945988-RAL3009	sienna-red	25 x 15	100
945988-RAL9002	grey-white	25 x 15	100
945988-RAL8017	dark brown	25 x 15	100



a) Diameter x Height



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If you are not familiar with how this product is used, and particularly with the product's intended use, please contact our Application Technology department (Technik@eurotec.team).