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Extent of delivery: 1-7, all parts mounted		
Revision date: 2003-09-01		

WBT-0661/-0680

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WBT-0661: * 6,4 (1/4")
WBT-0680: * 8,1 (5/16")

Int. Pat. 1 066 660***
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WBT is a reg. trademark of WBT, Germany.
* Makrolon is a reg. trademark of Bayer, Germany.
** Torx is a reg. trademark of Camcar Textron, USA.
*** Also US-Pat. 5 108 320 - Kimber
+ CE is the abbreviation of Conformité Européenne.
++ IEC is the abbreviation of International Electrotechnical Commission.

All dimensions in mm

Sandwich Spade WBT-0661/-0680 Cu/Ag

High-current spade lug with elastomer shock absorber for progressive contact pressure eliminating structure-borne and air-borne noise as well as magnetostriction.
With insulation body for safety conformable use as loudspeaker cord plug admissible in line with CE+-EN 60065 and the international standard IEC++ 65 (>34.5 volts).

- Mechanics**
 - one-piece construction, contact elements with narrow tolerance (tol. $< \pm 0.05$ mm)
 - solid dual screwing cage
 - V8A-elastomer shock absorber (hydraulic principle)
- Materials**
 - signal conductor: solid, pure copper (WBT-0660/-0680 Cu) or fine silver (WBT-0660/-0680 Ag)
 - screwing cage: brass
 - absorber cap: high-grade steel V8A, non-ferromagnetic
 - elastomer damper: NBR (nitrile-butadiene-rubber)
 - insulation material: Makrolon* (polycarbonate), transparent, CE+-conformable in line with EN 60065 and IEC++ 65, T.-max. 85-110° C
 - marking ring: TPU (thermoplastic polyurethane), red, white or black, temperature max. 50-95° C.
- Surface**
 - screwing cage and signal conductor: corrosion-resistant precious metal layer, non-ferromagnetic
 - copper version: single-layer WBT 24-carat direct gold-plating, Au 0.3 μ m
 - silver version: platinum finish
- Operating characteristics**
 - constant current $I_0 = 10^2$ A
 - authorized max. peak current $I_p = 10^3$ A
 - contact resistance $R_c \leq 10^{-4}$ ohms
 - insulation resistance $R_{iso} > 10^{14}$ ohms
 - electric strength of the insulation > 30 kV
- Connection options**
 - designed for solder-free crimped connections
 - internal terminal for crimped cable ends up to 10 mm² (8 AWG), permanent fixing by self-securing headless screws
 - external terminal with 6- or 8-mm contact fork
- Warning against usage of contact cleaners: their contents may cause damage to the insulators!**



Original size

Accessories / Tool recommendation:

WBT offers a wide range of crimping accessories: gold-plated strand end sleeves made of pure copper in all standard sizes from 0.5 to 16 mm², special crimping pliers for the above mentioned tasks and a crimpset for starters.

New: strand end sleeves made of fine silver with platinum finish

