

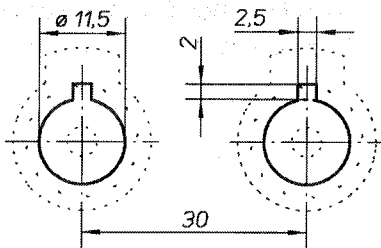
Table of contents		
1	Base element	1
2	Adjusting nut	1
3	Doublestep washer with square socket and tappet, PA, red, white or black	1
4	Counternut	1
5	Insulating puzzle lock washer, PC, black	1
6	Insulation cap, Ø 16 x 20, PC, transparent	1
7	Marking ring, PA, red, white or black	1
8	Insulation bowl, Ø 18,9, PC, transparent	1
<hr/>		
10	Optional Torx®screw, M4 x 71, brass	1
11 12	Optional serrated lock washer, bronze, with antifatigue hex bolt, M4 x 14 mm, brass	1
13	Optional serrated lock washer M9, bronze	1
<hr/>		
Extent of delivery: 1-8 (parts 1, 2, 6-8 mounted), 10-13 if required		
Revision date: 2001-04-17		

All rights reserved by WBT · Petty patent (DBGM 90020367) and int. registered design (M9001263) by WBT. WBT is a reg. trademark of WBT, Germany.

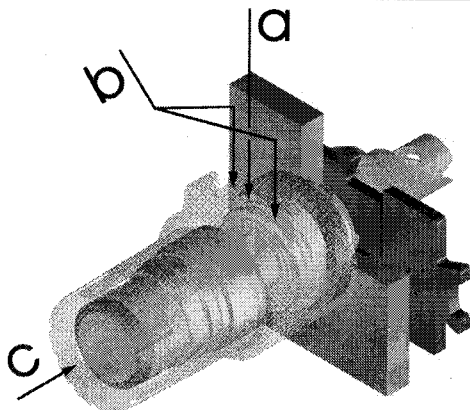
Torx is a reg. trademark of Camcar Textron, USA. Makrolon is a reg. trademark of Bayer AG, Germany.

All dimensions in mm

WBT-0785 complies with current CE and IEC 65 safety regulations.*



(suggested standardization: 30-mm distance between output centers)
Drilling scheme (original size)



External connection possibilities
(see under 5.)

WBT-0785 Pole terminal

High-current audio connector for amplifiers and loudspeakers

- Mechanics**
 - single-segment, low-tolerance contact elements (tol. less than ± 0.05 mm)
 - solid basic element with 4-mm boring for banana plug and internal screw box with cross boring for direct cable connection. Adjusting nut with extra-fine thread (0.5 pitch) for optimum contact pressure on spade lugs and cable ends.
 - Materials**
 - all solid parts made of highly ductile "OFC" copper alloy
 - insulating material: polyamide (PA) 6 (10% glass fibre), red, white or black / Makrolon® (PC) (polycarbonate), transparent / (PC) polycarbonate (30% glass fibre), black
 - Surfaces**
 - WBT velour chromium, Ni 5,0 μ m
 - Operating characteristics**
 - constand current $I_D > 200$ A
 - peak current: $I_S > 2,000$ A
 - contact resistance $R_D \leq 0.1$ mohms (clamp connection)
 - contact resistance $R_D \leq 0.15$ mohms (plug connection with standard banana plug)
 - contact resistance $R_D \leq 0.1$ mohms (plug connection with WBT banana plug)
 - volume resistance $R_B \leq 0.003$ mohms
 - isolation resistance $R_{iso} > 10^{10}$ ohms
 - Terminals**
 - internal connection (for cables up to 4 mm² (AWG 12)):
 - - soldering version
 - - crimping version (only with additional Torx® screw 10)
 - - screwing on pc-board (only with additional antifatigue bolt 11 and fan shape washer 12)
 - external connection:
 - a) for cable ends up to 6 mm² (AWG 10)
 - b) spade lugs (with 6- and 8-mm contact fork)
 - c) for 4-mm banana plugs
 - Mounting**
 - boring: $\varnothing 11.5^{+0.2}$ mm with 2.5 x 2 nut for twist protection
 - recommended torque: for the counternut: 8.5 Nm, for the antifatigue bolt: 1.1 Nm
 - WBT also offers special parts and information hereto. Please ask us!
- New:** WBT mounting plates made of aluminium, mono- and bi-wiring plates equipped with WBT terminals are also available

*Safety instruction: within the EU territory WBT-0785 must not be used without the safety-stick (WBT-0799) (to provisionally close the 4-mm banana-boring).