

FACT SHEET - Dimensional errors in sample socket covers (compared to BS 1363) Dimensions in mm.

	"Earth Pin" Note 1	"Power Pins" Note 1	Periphery Note 1	Tip Profile Note 2	Pop Out Note 3	
Min dimensions	22.23 x 3.90 x 7.80	17.2 x 3.90 x 6.22	9.5mm			
Max dimensions	23.23 x 4.05 x 8.05	18.2 x 4.05 x 6.48				
SUPPLIER or BRAND						
B&Q	23.3 x 3.94 x 7.94	10.2 x 4.0 x 6.14	4.4	Bad	No	Note 8
Babyfirst	19.3 x 4.14 x 8.38	14.6 x 3.94 x 6.34	1.7	Bad	Yes	Note 5, 11
Boots Original	21.2 x 3.95 x 8.1	16.4 x 3.95 x 6.4	4.9	Bad	Yes	
Boots Revised	22.7 x 4.03 x 8.24	17.7 x 4.04 x 6.4	4.8	*Very Bad	No	*Note 12
Clippasafe Original	21.6 x 3.95 x 8.1	16.4 x 3.95 x 6.4	3.7	Bad	Yes	
Clippasafe Revised	22.8 x 3.97 x 8.29	17.9 x 4.07 x 6.44	3.7	*Very Bad	No	*Note 12
Deanston Electrical	21.4 x 4.1 x 8.1	16.7 x 4.1 x 6.3	3.9	Good	No	
Emmay Care	20.72 x 4.1 x 6.5	13.34 x 4.1 x 6.5	0	Bad	Yes	Note 4
IKEA Original	21.1 x 4.14 x 8.05	14.1 x 4.04 x 6.5	0.7	Bad	Yes	
IKEA Revised	23.3 x 4.05 x 8.1	16.3 x 4.1 x 6.48	1.8	Bad	Yes	
Inject Mouldings	21.0 x 3.94 x 7.9	16.12 x 3.85 x 6.4	3.9	Good	Yes	Note 8, 9
John Lewis Original	21.1 x 3.9 x 8.05	16.3 x 4.14 x 6.58	3.2	Bad	Yes	
John Lewis Revised	22.9 x 4.04 x 8.28	17.8 x 4.06 x 6.41	3.7	*Very Bad	No	*Note 12
Kiddi Proof	19.8 x 3.76 x 8.64	14.66 x 3.76 x 6.08	1.5	Bad	Yes	Note 5
Lindam Original	21.7 x 3.74 x 7.62*	16.1 x 3.74 x 6.4	5.0	Bad	Yes	*Note 6
Lindam Dual Guard	22.12 x 4.07 x 8.08	16.85 x 4.07 x 6.48	6.5	Bad	Yes	
Lyvia	21.14 x 4.0 x 8.05	17.14 x 4.0 x 6.4	3.1	Good	No	
Masterplug	23.2 x 4.12 x 8.05	15.88 x 4.1 x 6.38	4.8	Bad	Yes	
MLA 1390	22.76 x 4.13 x 8.14	11.9 x 4.04 x 6.42	10.4	Bad	No	Note 8
Morrisons	18.32 x 4.22 x 8.02	14.0 x 4.0 x 6.6	3.1	Bad	Yes	
Mothercare (old)	22.82 x 3.90 x 7.85	17.84 x 3.91 x 6.3	5.0	Good	No	Note 9
Mothercare	21.1 x 4.1 x 8.05	14.3 x 4.1 x 6.5	0.8	Bad	Yes	
NTA	18.4 x 4.0 x 8.05	14.9 x 4.2 x 6.16	10.9	Bad	Yes	Note 7
PMS	22.54 x 4.44 x 8.28	11.5 x 4.24 x 6.50	9.8	Bad	N/A	Note 8
Red/Grey Electrical	21.0 x 4.1 x 8.05	16.7 x 4.1 x 6.4	3.9	Good	No	
Safe Home	18.42 x 4.22 x 8.05	14.2 x 4.12 x 6.6	3.1	Bad	Yes	
Safety 1st	22.4 x 3.94 x 7.88	17.2 x 3.90 x 6.22	3.6	Bad	No	Note 9
Summer alarmed	22.54 x 4.00 x 8.00	17.68 x 4 x 6.48	4.3	Bad	No	
Tesco	18.35 x 4.04 x 8.05	16.1 x 4.1 x 6.4	3.7	Bad	No	Note 10
Useful-goods 1037	21.76 x 3.98 x 7.90	11.14 x 3.82 x 6.1	9.6	Bad	No	Note 8

Problems highlighted in red

Note 1: The minimum and maximum dimensions of the pins are shown, see below

The pin dimensions are length x thickness x width

Periphery dimension is the minimum distance from a power pin to the edge of the cover

Note 2: Bad: tip profile of the dummy earth pin and/or the dummy L/N pins does not comply with BS 1363.

Note 3: Indicates whether "Pop Out" occurs in one or more of our test sockets (pins not properly engaging with contacts).

Note 4: Dummy earth pin too narrow to properly open shutters, dummy L/N pin centres are 0.2 mm below minimum.

Note 5: Oversize dummy earth pin locks in place if inserted upside down, dummy L/N pin centres are 0.7 mm below minimum.

Note 6: Dummy earth pin is bifurcated and compresses when inserted, becoming much too narrow to properly open shutters.

Note 7: Dummy earth pin is grooved, cover plate equipped with finger grips for very easy withdrawal.

Note 8: Dummy L/N pins are too short for any engagement with contacts.

Note 9: Cover plate equipped with finger grips for very easy withdrawal.

Note 10: Pins tapered, L/N pin centres 1.9 mm below minimum resulting in warped cover and stressed faceplate.

Note 11: Also sold as "Beautiful Beginnings"

Note 12: Has a non-compliant earth pin shape which can cause serious damage to socket.