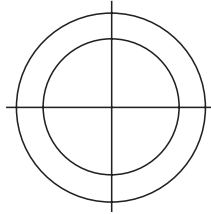
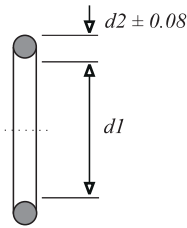


## Standard Connector Products

### Rear Mounting Jam Nut Receptacle 'O' Rings



Ordering Ref: MA-XX-XXX		
<b>Example</b>		
MA	ID	001
Moulded	Silver	Shell Size
Ring	Aluminium/Silicone	6

SHELL SIZE	MIL C 38999 MIL C 26482	MIL C 81511	$d1$	Tolerance on $d1 \pm$	$d2$
	TC REF	TC REF	mm	mm	mm
6	<b>001</b>	-	14.00	0.13	1.78
8	<b>002</b>	-	17.16	0.13	1.78
8	-	<b>003</b>	18.77	0.13	1.78
9	<b>004</b>	-	20.35	0.15	1.78
10	-	<b>005</b>	21.95	0.15	1.78
11+12	<b>006</b>	-	25.12	0.15	1.78
13+14	<b>007</b>	<b>007</b>	28.30	0.15	1.78
15+16	<b>008</b>	<b>008</b>	31.47	0.15	1.78
17+18	<b>009</b>	<b>009</b>	34.65	0.15	1.78
19+20	<b>010</b>	-	37.77	0.15	2.62
21+22	<b>011</b>	-	40.95	0.25	2.62
23+24	<b>012</b>	-	44.12	0.25	2.62

## Cost Effective Alternative To Conductive Moulded O-Rings

T.C.Shielding have developed a range of extruded/jointed O-Rings that offer a cost effective alternative to traditionally moulded items with added benefits, and compatible tolerancing. The following are benefits of this new process.

- Low tooling cost
- Reduced production scrap rate
- Advantage of hollow forms which help to reduce compression force
- Zero flash on profile
- Compatible tolerancing
- Shorter lead times
- Minimum ID of 18.00mm

The points detailed above allow us to manufacture an improved product at a lower cost with minimal tooling. The materials offered are conductive/non-conductive silicone or fluorosilicone with a variety of conductive particle fillers to suit specific requirements.

Below is a comparison between moulded and jointed tolerances:

#### Moulded O-ring

ID=25.12+/-0.15  
Section=1.78+/-0.08  
Developed Length=84.04/84.98

#### Ext./Jointed O-ring

ID=25.12+/-0.16  
Cross Section=1.78+/-0.10  
Developed Length=84.00/85.00

