

Connectors come full circle with circular connectors!

Two-Piece Connectors for Multiple Conductor Shielded Cable

Specifications

Inner Sleeve

- Material: Copper alloy ASTM B135
- Finish: Electro tin-plated (per MIL-T-10727A)

Outer Sleeve

- Material: Copper ASTM B188
- Finish: Electro tin-plated (per MIL-T-10727A)



Selection of the GSB Inner Ring

- Measure the maximum value of the overall diameter of the inner conductors (underneath the flattened shield) by gently rotating the cable. When doing so, it should be possible to turn the cable easily between the jaws of the caliper
- Add 0.060" to the measured value. The sum will give the Inner Diameter (I.D.) of the GSB inner ring
- In the table, select the GSB inner ring having this I.D. or the nearest larger I.D.

Selection of the GSC Outer Ring and of the Die

Once the appropriate GSB inner ring is found, the table (below) immediately gives the corresponding GSC outer ring and the appropriate die for the 13640 Hydraulic Head.

Connector and Die Selection in the Circular Range

The choice of the appropriate combination of inner ring, outer ring, and crimp tool/die depends on the overall diameter of the inner conductors (underneath the shield).

In the case of the Circular range, there is a direct correlation between the diameter of the inner conductors and the inner and outer rings. With the directions (shown below), a measuring instrument (caliper) is all that is required to make the right selection.

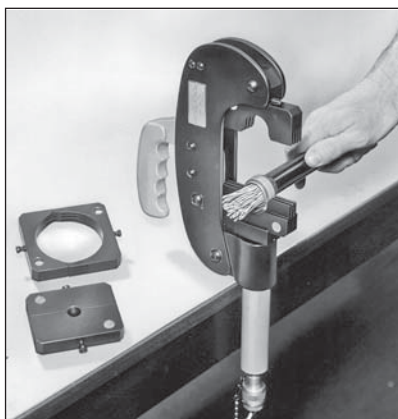
CAT. NO.	I.D. (IN.)	O.D. (IN.)	COLOR CODE	STD. PKG.	CAT. NO.	I.D. (IN.)	O.D. (IN.)	DIES NOS. FOR 13640	COLOR CODE	STD. PKG.
Inner Ring					Outer Ring					
GSB430	.430	.500	Red	50	GSC590	.590	.670	GS590	Red	50
GSB550	.550	.620	Blue	50	GSC710	.710	.790	GS710	Blue	50
GSB670	.670	.750	Gray	50	GSC840	.840	.920	GS840	Gray	50
GSB810	.810	.880	Brown	50	GSC1010	1.010	1.090	GS1010	Brown	50
GSB920	.920	1.000	Green	50	GSC1130	1.130	1.210	GS1130	Green	50
GSB1040	1.040	1.120	Pink	50	GSC1250	1.250	1.330	GS1250	Pink	50
GSB1122	1.122	1.192	Orange	50	GSC1332	1.332	1.412	GS1332	Orange	50
GSB1224	1.224	1.294	Purple	50	GSC1440	1.440	1.520	GS1440	Purple	50
GSB1353	1.353	1.423	Yellow	50	GSC1563	1.563	1.643	GS1563	Yellow	50
GSB1425	1.425	1.545	Red	50	GSC1670	1.670	1.750	GS1670	Red	5

Order multiple is std pkg

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Hydraulic Head Installing Tool

- 3.5 ton nominal pressure (output)
- For 2-piece Shield-Kon® terminals in the circular range
- Coupling for quick assembly
- Requires a 9,800 psi (approx. 690 bar) operating service pressure
- Quick interchangeable steel dies (to be ordered separately, see above for die selection)
- Interlace die with 360° compression—provides uniform pressure around circumference of connector



All the 2-piece Shield-Kon® in the circular range need to be crimped with the 13640 hydraulic head equipped with the appropriate die.

CAT. NO.	DESCRIPTION	STD. PKG.
13640	Installing Head (order dies separately)	1
13606	Hand-Foot Pump	1
13600	Electric Hydraulic Pump	1
13620	Hand Switch	1
13589A	Foot Switch	1
13619	Hydraulic Hose 10 ft.	1
13760	Air-Operated Hydraulic Pump	1

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