

Data Sheet:

Fitting assembly with Boston EHW194 hose size -20, -24 and -32

For sizes -4 to -16 see: Doc # AN460864287876en-000104



Hose assembly instructions

Socketless and FD83 connectors

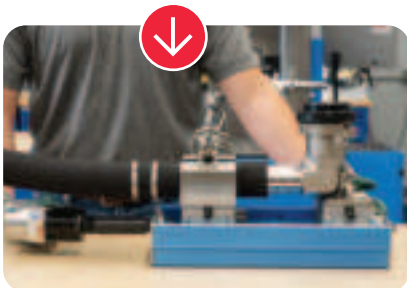
SOCKETLESS® fittings with Boston® EHW194 hose

Assembly of clamped, socketless fittings



Step 1

Trim exposed helical wires after the hose has been cut to length and sufficiently cleaned.



Step 2

Push hose onto the coupling hose barb until hose end touches the flat surface of the coupling body. Optional: Soak the end of the hose in hot water to reduce insertion force.



Step 3

Position clamps according to the table below and crimp the ears. Ensure the ears are fully crimped.

Disassembly of clamped, socketless fittings



Step 1

Remove the clamps from the hose assembly. Cut the hose with abrasive wheel, taking extreme care not to damage the hose barb.



Step 2

Remove the hose from the hose barb.

Assembly of crimped fittings



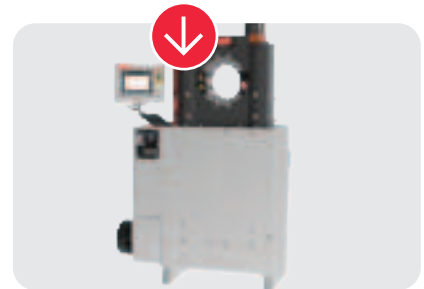
Step 1

Trim exposed helical wires after the hose has been cut to length and sufficiently cleaned.



Step 2

Slide fitting onto the hose.

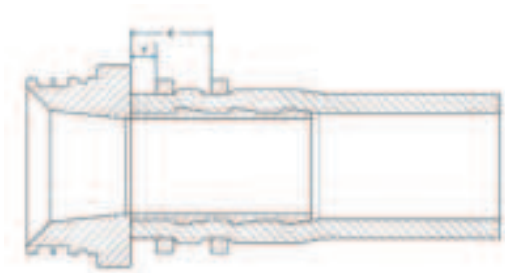


Step 3

Crimp according to specifications listed on PowerSource.

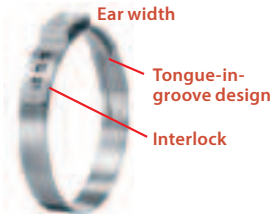


FD83 series
Full-flow dual-interlock
coupling



Clamp Positioning Table

Size	X	Y
-20	21 +/- 1 mm	4 +/- 1 mm
-24	23 +/- 1 mm	4 +/- 1 mm
-32	27 +/- 1 mm	6 +/- 1 mm



Clamp Information
for SOCKETLESS and FD83 connectors

Dash size	Part Number	Ear Width	Band Width	Size Range
		mm (inch)	mm (inch)	mm (inch)
-20	11354161	17 (.669)	10 (.393)	41.6 – 47.0 (1.64 – 1.85)
-24	11354150	17 (.669)	10 (.393)	47.6 – 53.0 (1.89 – 2.11)
-32	11354149	17 (.669)	10 (.393)	60.6 – 66.0 (2.39 – 2.60)

Danfoss can accept no responsibility for possible errors in catalogues, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without subsequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.