

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

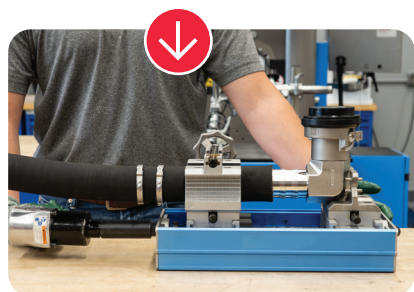
SOCKETLESS® fittings with Boston® EHW194 hose

## 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

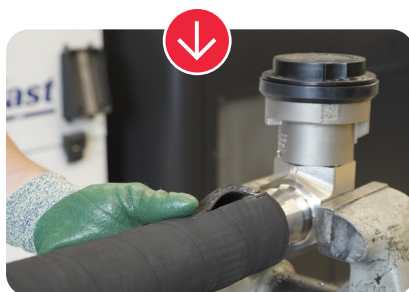
Position clamps according to the table below and crimp the ears. Ensure the ears are fully crimped.

## 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.



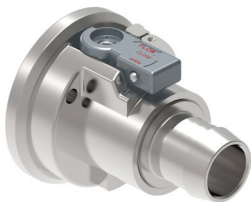
### Step 2

Slide fitting onto the hose.

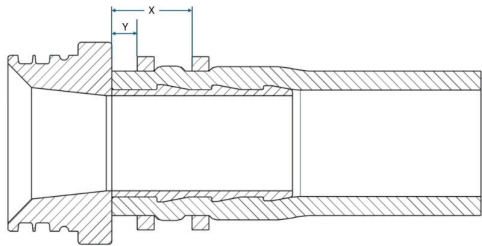


### Step 3

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)

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