

CIRCULAR RING PLIERS



Durable hinge allows tool to open 180°.

Pads are replaceable.



CIRCULAR RING PLIERS

The DRP-XX circular ring pliers are specifically designed to grip circular connector and backshell components which would be deformed by other gripping methods. The nonmarring rubber jaw lining material is available in strip form and may be used to replace worn jaw inserts. It is held in place by interlocking fingers which are molded into the material.

The following chart defines the working diameters and the tools which are available in this series.

Replacement Pads for Circular Ring Pliers are available (P/N DRP-078R). This replacement pad is supplied as a 4.25" strip that must be cut to length needed.

TOOL PART NUMBER	GRIP RANGE*	
	INCH	METRIC (mm)
DRP8	0.56 to 0.59	14.224 to 14.986
DRP9	0.62 to 0.65	15.748 to 16.51
DRP10	0.67 to 0.70	17.018 to 17.78
DRP11	0.74 to 0.77	18.796 to 19.558
DRP12	0.80 to 0.83	20.32 to 21.082
DRP13	0.85 to 0.88	21.59 to 22.352
DRP14	0.89 to 0.92	22.606 to 23.368
DRP16	1.05 to 1.08	26.67 to 27.432
DRP18	1.11 to 1.14	28.194 to 28.956
DRP20	1.27 to 1.30	32.258 to 33.02
DRP22	1.39 to 1.42	35.306 to 36.068
DRP24	1.49 to 1.52	37.846 to 38.608
DRP26	1.61 to 1.64	40.894 to 41.656
DRP28	1.89 to 1.92	48.006 to 48.768
DMC1924	Set of all 14 DRP SERIES PLIERS and 10 REPLACEMENT PADS	
DRP078R	REPLACEMENT PAD for all DRP SERIES PLIERS	

*ON A SMOOTH SURFACE.

KNURLED SURFACES SLIGHTLY BELOW THIS RANGE ARE COMPATIBLE WITH THESE TOOLS.



SOFT JAW ADJUSTABLE PLIERS

The BT-SJ-468 soft jaw adjustable pliers are a handy addition to general maintenance tool stations. This tool can provide a reliable gripping function for assembly, disassembly, and positioning of circular and oval parts.

The soft jaw inserts are replaceable and may be ordered as separate parts (part number BT-SJ-468-1). This part number applies to an individual jaw (two pieces are required per tool).

The overall length is 9.5 inches and the approximate weight is .5 lb.

PRODUCTION STATION APPLICATIONS

When the measurement of torque is a requirement of a particular cable assembly operation, this can be easily accomplished with the use of the digital torque wrench.



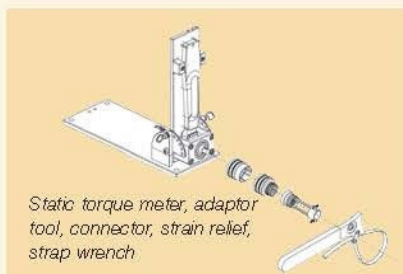
Digital torque wrench, adaptor, connector, strain relief



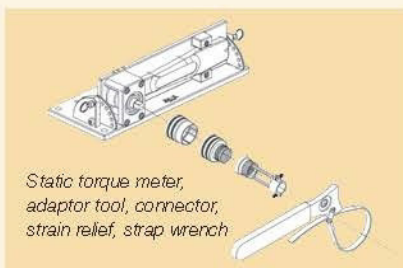
Digital torque wrench, handle-less strap wrench, connector, strain relief

If a static torque meter is needed, the digital torque wrench can be placed in a static mount base. The adaptor is then attached to the square drive on the torque meter, and this arrangement holds the connector while the backshell accessory is torqued onto the connector, with a strap wrench.

When the torque reaches the pre-set value, a signal light advises the operator that the desired torque value has been applied.

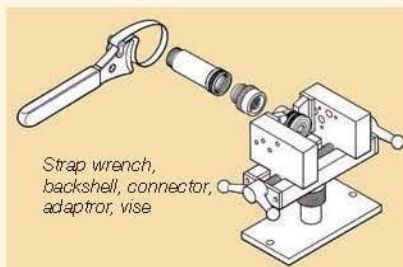


Static torque meter, adaptor tool, connector, strain relief, strap wrench



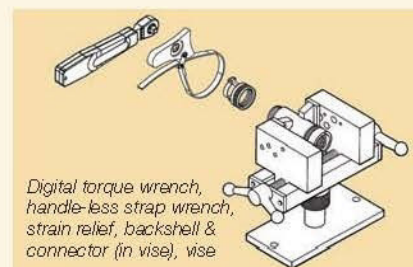
Static torque meter, adaptor tool, connector, strain relief, strap wrench

When optimum repeatability and production efficiency demand, the assembly station vise can be used to complement the ability of adaptor tools to stabilize the connector. As shown, the vise is being used to firmly hold the adaptor tool, while a strap wrench is being used to tighten the backshell onto the connector.



Strap wrench, backshell, connector, adaptor, vise

On multi-piece backshells, the correct torque on each accessory can only be achieved by efficiently holding adjacent parts. In the example shown, the assembly station vise is being used to hold the backshell segment already torqued onto the connector, while the strain relief is tightened with a strap wrench and a torque meter. Thus, the correct torque can be applied to the backshell segments without affecting the torque value already applied to prior connector/ accessory components.



Digital torque wrench, handle-less strap wrench, strain relief, backshell & connector (in vise), vise



Handle-less strap wrench, digital torque wrench, strain relief, backshell (in vise jaws), connector, vise