

DCI Corporation offers many configurations of core holders, use the chart below to select the core that fits your needs

DCI Core Holder Configurations

Core Holder Type		Core Diameter		Core Length*** Without Spacers		Maximum Confining Pressure		End Plug Connection Type		Number of End Plug Ports****		Material **	
Order Code	Description	Order code	Description	Order code	Description	Order code	Description	Order code	Description	Order code	Description	Order code	Description
H	Standard Hassler	1	1.0 inch	3	Core holder can accommodate core lengths 1 inch to 3 inch	6	6,000 psi	2M	1/8 inch cone and thread connection	1	1 Pore Pressure Connection	SS	Wetted parts made from stainless steel
TA	Triaxial	1.5	1.5 inch	4	Core holder can accommodate core lengths 2 inch to 4 inch	10	10,000 psi	W125	1/8 inch Speed-Bite connection	2	2 Pore Pressure Connections	HC	Wetted parts made from Hastelloy C-276
HER2	Standard Hassler Electrical Resistivity 2 Pole			6	Core holder can accommodate core lengths 4 inch to 6 inch	15	15,000 psi			3	3 Pore Pressure Connections		
TAER2	Triaxial Electrical Resistivity 2 Pole			8	Core holder can accommodate core lengths 6 inch to 8 inch								
HER4 *	Standard Hassler Electrical Resistivity 4 Pole			12	Core holder can accommodate core lengths 10 inch to 12 inch								
TAER4*	Triaxial Electrical Resistivity 4 Pole												
PT	Multi-Pressure Tap												

* 4 pole electrical resistivity core holders are only available in 6", 8" and 12" lengths

** Bodies are made from stainless steel

*** Core holders can accept shorter core lengths using spacers

**** 1 inch core diameter can only have 2 ports

Example Part number: *H-1.5-6-15-W125-2-HC* = Standard Hassler Core Holder / 1.5" diameter core / 4"-6" core length / 15,000 psi / W125 connection / 2 pressure ports / Hastelloy wetted parts

Product Definition:

Standard Hassler: These core holders apply confining pressure radially along the core sample. This design allows for samples to assemble and disassemble easily without removal of the jacket or other components. Threaded end cap retainers allow 2" of core length adjustment, additional adjustment can be made by using spacers.

Triaxial: These core holders allow independent control of confining pressure radially and axially. The easy to assembly/disassembly design allows for the core samples to be changed out without removal of the jacket or other components. The axial adjustment allows for 3/4" of core length adjustment, additional adjustment can be made by using spacers.

Electrical Resistivity 2 Pole: Core holders with this option include electrically isolated end plug and locations for electrical connection on either side of the core sample. High pressure insulating couplings external to the core holder allow this unique design to have the same easy assembly/disassembly of non ER core holders.

Electrical Resistivity 4 Pole: Core holders with this option have the same isolated end plug and electrical connection at each end of the core sample as the 2 pole in addition to two electrode molded into the jacket. As with all of DCI's designs, core samples can be changed out without removal of the jacket for easy assembly/disassembly.

Multi-Pressure Tap: Core holders with this option are only available in 10-12" core length with 4 pressure taps along the core every 6 cm. Pressure lines are run through the end plug.



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DCI's core holder design allows for 1.5" core diameter test cells to be converted to 1" core diameters, 1.5" core diameter with ER measurements, or 1" core diameters with ER measurements. This saves cost and space by reusing bodies. The easy to assemble design allows a swap out in just a few minutes.

DCI Conversion Kit

Conversion Kit		Core Diameter*		Core Length		Maximum Confining Pressure		End Plug Connection Type		Number of End Plug Ports*		Material	
Order Code	Description	Order code	Description	Order code	Description	Order code	Description	Order code	Description	Order code	Description	Order code	Description
CKH	Standard Hassler Conversion Kit	1	1.0 inch	3	Core holder can accommodate Core lengths 1 inch to 3 inch	6	6,000 psi	2M	1/8 inch cone and thread connection	1	1 Pore Pressure Connection	SS	Wetted parts made from stainless steel
CKHER2	Standard Hassler Electrical Resistivity 2 Pole Conversion Kit	1.5	1.5 inch	4	Core holder can accommodate Core lengths 2 inch to 4 inch	10	10,000 psi	W125	1/8 inch Speed-Bite connection	2	2 Pore Pressure Connections	HC	Wetted parts made from Hastelloy C-276
CKHER4	Standard Hassler Electrical Resistivity 4 Pole Conversion Kit			6	Core holder can accommodate Core lengths 4 inch to 6 inch	15	15,000 psi			3	3 Pore Pressure Connections		
				8	Core holder can accommodate Core lengths 6 inch to 8 inch								
				12	Core holder can accommodate Core lengths 10 inch to 12 inch								

* 1 inch core diameter can only have 2 ports

Size Chart

Core Holder Type	Core Holder Length (inch)					O.D Dimension with 1.5" Core Diameter (inch)			O.D Dimension with 1.0" Core Diameter (inch)		
	1" to 3" Core	2" to 4" Core	4" to 6" Core	6" to 8" Core	10" to 12" Core	6,000 psi	10,000 psi	15,000 psi	6,000 psi	10,000 psi	15,000 psi
Standard Hassler Triaxial	15	16	18	20	24	3.25	4	4.5	3.25	4	4.5
Standard Hassler Electrical Resistivity 2 Pole	15	16	18	20	24	3.25	4	4.5	3.25	4	4.5
Triaxial Electrical Resistivity 2 Pole	19	20	22	24	28	5	5	5	5	5	5
Standard Hassler Electrical Resistivity 4 Pole	15	16	18	20	24	3.25	4	4.5	3.25	4	4.5
Triaxial Electrical Resistivity 4 Pole	19	20	22	24	28	5	5	5	5	5	5

Still can't find what you need? Contact us and we can custom engineer a core holder that fits your testing needs.



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