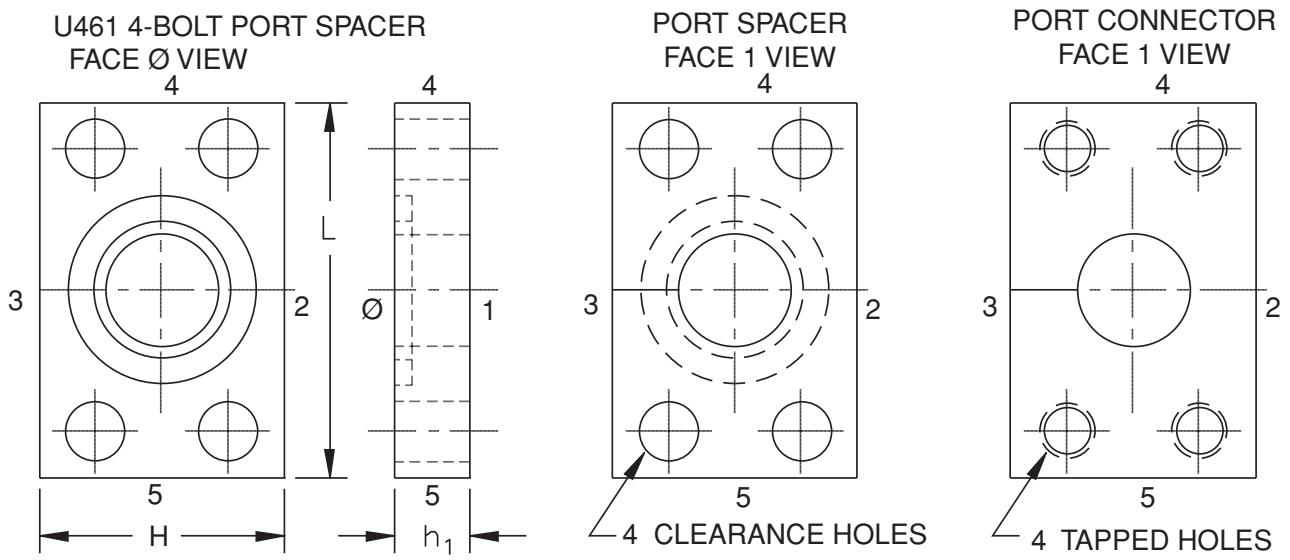


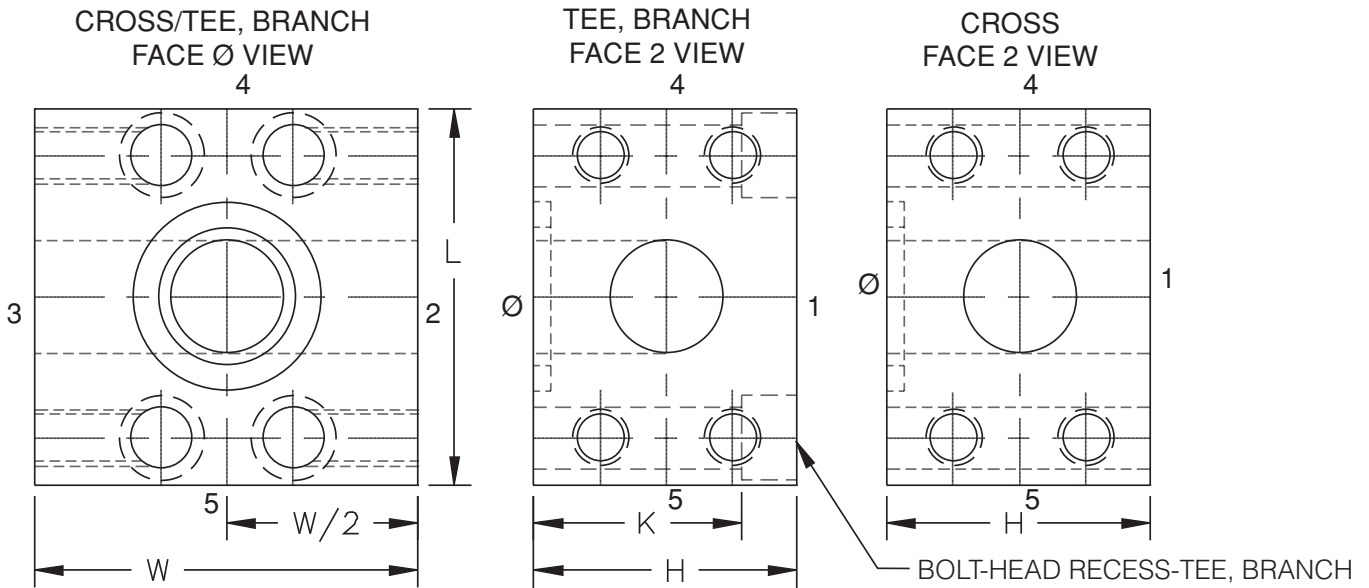
BOLT-HEAD RECESS-ELBOW

DESIGN A = AS SHOWN on drawings above and the title block schematics below.
 DESIGN B = Eliminates seal groove and O-Ring from Face-Ø.
 DESIGN C = UNIFIED CODE U61 4-Bolt Pattern on all designated faces. Tapped holes without O-Ring groove.
 NOTE: Port Spacers have clearance holes thru. Port Connector has tapped holes thru.

NOMINAL PATTERN SIZE	H	L	W	X	K	h ₁		O-RING SIZE NO.	ELBOW CLAMP FACE BOLT KITS (4 BOLTS)
						PS	PC		
U46102	.62	1.00	1.00	.31	.37	.12/.25	.62	010	IBK-SH4008-32x0.62
U46104	.75	1.25	1.12	.38	.50	.12/.25	.75	011	IBK-SH4010-24x0.87
U46106	.87	1.50	1.38	.44	.62	.12/.25	1.00	014	IBK-SH4025-20x1.00
U46108	1.31	2.12	2.00	.66	1.00	.50	1.25	210	IBK-SH4031-18x1.50
U46112	1.62	2.56	2.38	.81	1.12	.50	1.50	214	IBK-SH4038-16x1.75
U46116	1.87	2.75	2.50	.94	1.38	.50	1.50	219	IBK-SH4038-16x2.00
U46120	2.12	3.12	2.88	1.06	1.66	.50	1.75	222	IBK-SH4044-14x2.50
U46124	2.50	3.69	3.38	1.25	1.94	.50	2.00	225	IBK-SH4050-13x2.75
U46132	3.00	4.00	3.75	1.50	2.44	.50	2.00	228	IBK-SH4050-13x3.25



<p>Inserta Products, Inc. Blue Bell, Pa. 19422</p>	<p>MODULAR CONNECTORS CODE U61 4-BOLT FLANGE TYPE</p>	<p style="text-align: center;"> EL TR TB CX </p>
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DESIGN A = AS SHOWN on drawings above and the title block schematics below.
 DESIGN B = Eliminates seal groove and O-Ring from Face-Ø.
 DESIGN C = UNIFIED CODE U61 4-Bolt Pattern on all designated faces. Tapped holes without O-Ring groove.
 NOTE: Tee Branch has Bolt-Head recesses on Face 1.

NOMINAL PATTERN SIZE	H	L	W	W/2	K	O-RING SIZE NO.	TEE, BRANCH CLAMP FACE BOLT KITS (4 BOLTS)
U46102	.62	1.00	1.25	.62	.37	010	IBK-SH4008-32x0.62
U46104	.75	1.25	1.50	.75	.50	011	IBK-SH4010-24x0.87
U46106	.87	1.50	2.00	1.00	.62	014	IBK-SH4025-20x1.00
U46108	1.31	2.12	2.50	1.25	1.00	210	IBK-SH4031-18x1.50
U46112	1.62	2.56	3.00	1.50	1.12	214	IBK-SH4038-16x1.75
U46116	1.87	2.75	3.12	1.56	1.38	219	IBK-SH4038-16x2.00
U46120	2.12	3.12	3.50	1.75	1.66	222	IBK-SH4044-14x2.50
U46124	2.50	3.69	4.00	2.00	1.94	225	IBK-SH4050-13x2.75
U46132	3.00	4.00	4.37	2.18	2.44	228	IBK-SH4050-13x3.25

GAUGE and TEST PORT AVAILABILITY

The following optional Gauge and Test Ports can be included in the standard Code U61-4 Bolt Modular Connectors.

Gauge Ports, #6 SAE (9/16-18) are available on elbows and branch tees at position 1, on elbows and run tees at position 3, and on all modular connectors size 24 and larger at port face positions 4 and 5.

Test Ports, #4 SAE (7/16-20) and 1/4 NPTF are available on elbows and branch tees at position 1, on elbows and run tees at position 3 and on all modular connectors size 20 and larger at port face positions 4 and 5.

Note: Each port face is limited to one port, i.e. either a Test or Gauge Port.

Inserta Products, Inc. Blue Bell, Pa. 19422	MODULAR CONNECTORS CODE U61 4-BOLT FLANGE TYPE	 EL	 TR	 TB	 CX
		 EL	 TR	 TB	 CX