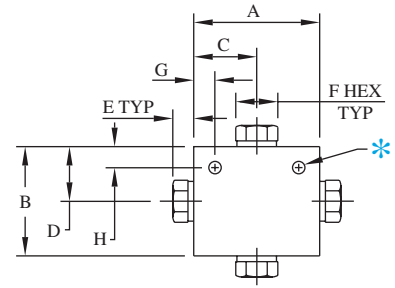
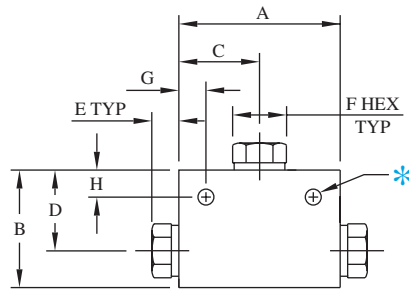
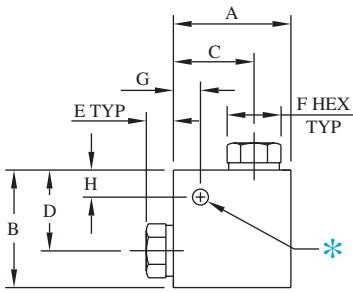


# HIGH PRESSURE EQUIPMENT



## ELBOWS

Catalog											Mounting Holes*		
Number	Connection	Port	MAWP	A	B	C	D	E	F	Block Thickness	G	H	Dia.
60L4	1/4" H/P Tube	0.093" (2.4)	60,000 PSI 4140 bar	1.50" (38.1)	1.00" (25.4)	0.88" (22.4)	0.63" (16.0)	0.50" (12.7)	0.62" (15.7)	1.00" (25.4)	0.25" (6.4)	0.15" (3.8)	0.22" (5.6)
60L6	3/8" H/P Tube	0.125" (3.2)	60,000 PSI 4140 bar	2.00" (50.8)	1.50" (38.1)	1.25" (31.8)	1.00" (25.4)	0.60" (15.2)	0.81" (20.6)	1.00" (25.4)	0.38" (9.7)	0.31" (7.9)	0.22" (5.6)
60L9	9/16" H/P Tube	0.187" (4.7)	60,000 PSI 4140 bar	2.62" (66.5)	1.88" (47.8)	1.88" (47.8)	1.13" (28.6)	0.81" (20.6)	1.18" (30.0)	1.50" (38.1)	2.32" (58.9)	1.38" (35.1)	0.28" (7.1)
40L9	9/16" H/P Tube	0.250" (6.4)	40,000 PSI 2760 bar	2.62" (66.5)	1.88" (47.8)	1.88" (47.8)	1.13" (28.7)	0.81" (20.6)	1.18" (30.0)	1.50" (38.1)	2.37" (60.2)	1.62" (41.1)	0.28" (7.1)
30L16	1" H/P Tube	0.438" (11.1)	30,000 PSI 2070 bar	3.00" (76.2)	3.00" (76.2)	2.06" (52.3)	2.06" (52.3)	0.72" (18.3)	1.38" (35.1)	1.75" (44.5)	0.69" (17.5)	0.69" (17.5)	0.41" (10.3)

## TEES

Catalog											Mounting Holes*		
Number	Connection	Port	MAWP	A	B	C	D	E	F	Block Thickness	G	H	Dia.
60T4	1/4" H/P Tube	0.093" (2.4)	60,000 PSI 4140 bar	2.00" (50.8)	1.25" (31.8)	1.00" (25.4)	0.88" (22.4)	0.50" (12.7)	0.62" (15.7)	1.00" (25.4)	0.25" (6.4)	0.12" (3.0)	0.17" (4.3)
60T6	3/8" H/P Tube	0.125" (3.2)	60,000 PSI 4140 bar	2.00" (50.8)	1.56" (39.6)	1.00" (25.4)	1.06" (26.9)	0.60" (15.2)	0.81" (20.6)	1.00" (25.4)	0.31" (7.9)	0.31" (7.9)	0.22" (5.6)
60T9	9/16" H/P Tube	0.187" (4.7)	60,000 PSI 4140 bar	2.62" (66.5)	2.12" (53.8)	1.31" (33.3)	1.38" (35.1)	0.81" (20.6)	1.18" (30.0)	1.50" (38.1)	0.37" (9.4)	0.38" (9.5)	0.28" (7.1)
40T9	9/16" H/P Tube	0.250" (6.4)	40,000 PSI 2760 bar	2.62" (66.5)	2.12" (53.8)	1.31" (33.3)	1.38" (35.1)	0.81" (20.6)	1.18" (30.0)	1.50" (38.1)	0.37" (9.4)	0.38" (9.7)	0.28" (7.1)
30T16	1" H/P Tube	0.438" (11.1)	30,000 PSI 2070 bar	4.12" (104.6)	3.00" (76.2)	2.06" (52.3)	2.06" (52.3)	0.72" (18.3)	1.38" (35.1)	1.75" (44.5)	0.69" (17.5)	0.69" (17.5)	0.41" (10.4)

## CROSSES

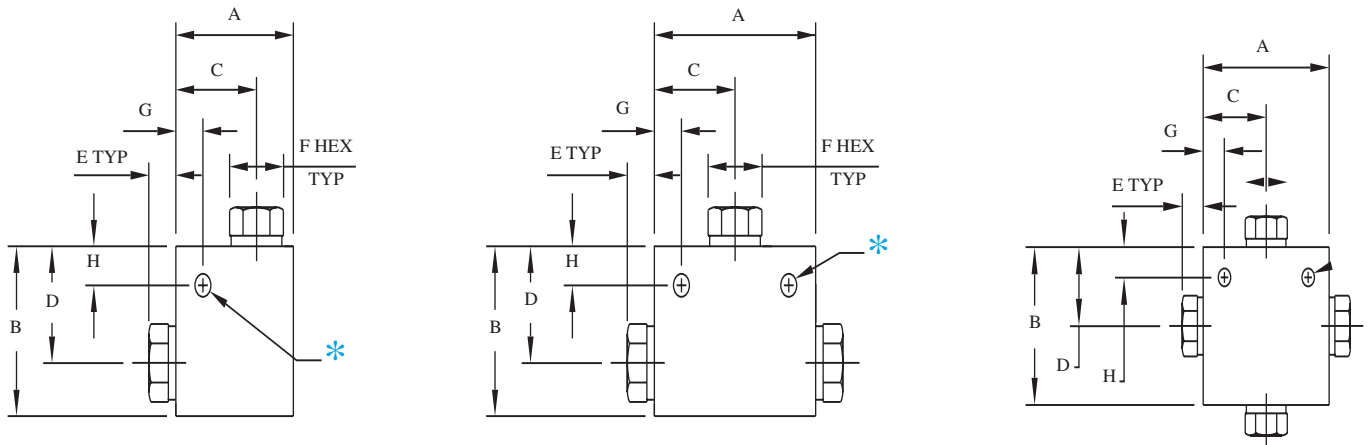
Catalog											Mounting Holes*		
Number	Connection	Port	MAWP	A	B	C	D	E	F	Block Thickness	G	H	Dia.
60X4	1/4" H/P Tube	0.093" (2.4)	60,000 PSI 4140 bar	2.00" (50.8)	1.25" (31.8)	1.00" (25.4)	0.62" (15.7)	0.50" (12.7)	0.62" (15.7)	1.00" (25.4)	0.25" (6.4)	0.12" (3.0)	0.17" (4.3)
60X6	3/8" H/P Tube	0.125" (3.2)	60,000 PSI 4140 bar	2.00" (50.8)	2.12" (53.8)	1.00" (25.4)	1.06" (26.9)	0.60" (15.2)	0.81" (20.6)	1.00" (25.4)	0.31" (7.9)	0.31" (7.9)	0.22" (5.6)
60X9	9/16" H/P Tube	0.187" (4.7)	60,000 PSI 4140 bar	2.62" (66.5)	2.75" (69.9)	1.31" (33.3)	1.38" (35.1)	0.81" (20.6)	1.18" (30.0)	1.50" (38.1)	0.38" (9.7)	0.38" (9.5)	0.28" (7.1)
40X9	9/16" H/P Tube	0.250" (6.4)	40,000 PSI 2760 bar	2.62" (66.5)	2.75" (69.9)	1.31" (33.3)	1.38" (35.1)	0.81" (20.6)	1.18" (30.0)	1.50" (38.1)	0.37" (9.4)	0.38" (9.7)	0.28" (7.1)
30X16	1" H/P Tube	0.438" (11.1)	30,000 PSI 2070 bar	4.12" (104.6)	4.12" (104.6)	2.06" (52.3)	2.06" (52.3)	0.72" (18.3)	1.38" (35.1)	1.75" (44.5)	0.69" (17.5)	0.69" (17.5)	0.41" (10.3)

\*Mounting holes provided when the catalog number is suffixed by "-MH" when ordering.

All dimensions are for reference only and are subject to change.  
Dimensions in parentheses are millimeters (mm)



# EQUIPMENT FOR 150,000 PSI (10,340 BAR)



## ELBOW

Catalog Number	Connection	Port	MAWP	A	B	C	D	E	F	Block Thickness	Mounting Holes*		
											G	H	Dia.
150L5	5/16" H/P Tube	0.062" (1.6)	150,000 PSI 10340 bar	2.25" (57.2)	2.00" (50.8)	1.75" (44.5)	1.38" (35.1)	0.62" (15.7)	0.75" (19.1)	1.50" (38.1)	0.50" (12.7)	0.50" (12.7)	0.34" (8.6)

## TEE

Catalog Number	Connection	Port	MAWP	A	B	C	D	E	F	Block Thickness	Mounting Holes*			F HEX TYP
											G	H	Dia.	
150T5	5/16" H/P Tube	0.062" (1.6)	150,000 PSI 10340 bar	3.00" (76.2)	2.25" (57.2)	1.50" (38.1)	1.62" (41.1)	0.62" (15.7)	0.75" (19.1)	1.50" (38.1)	0.50" (12.7)	0.50" (12.7)	0.34" (8.6)	*

## CROSS

Catalog Number	Connection	Port	MAWP	A	B	C	D	E	F	Block Thickness	Mounting Holes*		
											G	H	Dia.
150X5	5/16" H/P Tube	0.062" (1.6)	150,000 PSI 10340 bar	3.00" (76.2)	3.00" (76.2)	1.50" (38.1)	1.50" (38.1)	0.62" (15.7)	0.75" (19.1)	1.50" (38.1)	0.50" (12.7)	0.50" (12.7)	0.34" (8.6)

\*Mounting holes provided when the catalog number is suffixed by "-MH" when ordering.



All dimensions are for reference only and are subject to change.  
Dimensions in parentheses are millimeters (mm)