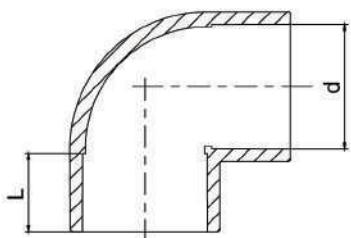


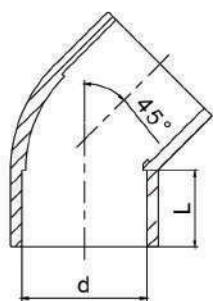
UPVC PRESSURE FITTINGS

BS EN 1452:3/BS 4346 (PN 15)

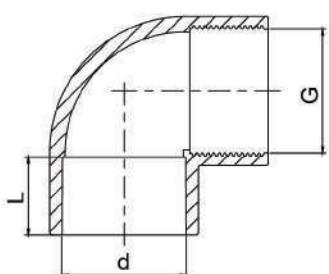


ELBOW 90°

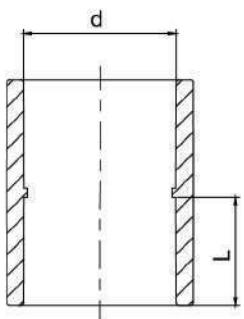
PART	NOMINAL SIZE (mm)	DIMENSIONS (mm)		
		d	L	PN
HPE90 0.5CR	½"	21.34	16.5	15
HPE90 0.75CR	¾"	26.67	19.5	15
HPE90 1CR	1"	33.4	22.5	15
HPE90 1.25CR	1 ¼"	42.16	26.5	15
HPE90 1.5CR	1 ½"	48.26	31.5	15
HPE90 2CR	2"	60.33	36.5	15
HPE90 3CR	3"	88.9	51	15
HPE90 4CR	4"	114.3	63.5	15
HPE90 6CR	6"	168.3	91	15

ELBOW 45°

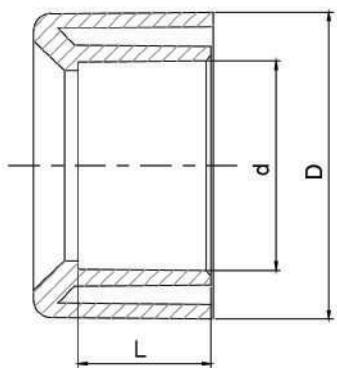
PART	NOMINAL SIZE (mm)	DIMENSIONS (mm)		
		d	L	PN
HPE45 0.5CR	½"	21.34	16.5	15
HPE45 0.75CR	¾"	26.67	19.5	15
HPE45 1CR	1"	33.4	22.5	15
HPE45 1.25CR	1 ¼"	42.16	26.5	15
HPE45 1.5CR	1 ½"	48.26	31.5	15
HPE45 2CR	2"	60.33	36.5	15
HPE45 3CR	3"	88.9	51	15
HPE45 4CR	4"	114.3	63.5	15
HPE45 6CR	6"	168.3	91	15

FEMALE ELBOW 90°

PART	NOMINAL SIZE (mm)	DIMENSIONS			
		d	G	L	PN
HPFE 0.5x0.5CR	½"	21.34	½"	16.5	15
HPFE 0.75x0.75CR	¾"	26.67	¾"	19.5	15
HPFE 1x1CR	1"	33.4	1"	22.5	15
HPFE 1.25x1.25CR	1 ¼"	42.16	1 ¼"	26.5	15
HPFE 1.5x1.5CR	1 ½"	48.26	1 ½"	31.5	15
HPFE 2x2CR	2"	60.33	2"	36.5	15

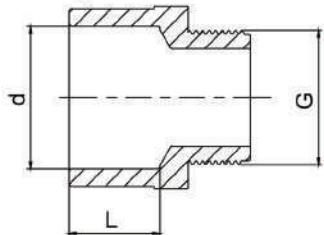
SOCKET/COUPLER

PART	NOMINAL SIZE (mm)	DIMENSIONS (mm)		
		d	L	PN
HPS 0.5CR	½"	21.34	16.5	15
HPS 0.75CR	¾"	26.67	19.5	15
HPS 1CR	1"	33.4	22.5	15
HPS 1.25CR	1 ¼"	42.16	26.5	15
HPS 1.5CR	1 ½"	48.26	31.5	15
HPS 2CR	2"	60.33	36.5	15
HPS 3CR	3"	88.9	51	15
HPS 4CR	4"	114.3	63.5	15
HPS 6CR	6"	168.3	91	15

REDUCER BUSH/SOCKET

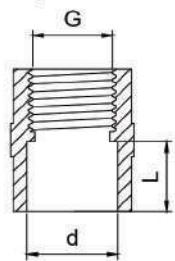
PART	NOMINAL SIZE (mm)	DIMENSIONS (mm)			
		D	d	L	PN
HPRB 0.75X0.5CR	¾ X ½"	26.67	21.34	16.5	15
HPRB 1X0.5CR	1 X ½"	33.4	21.34	16.5	15
HPRB 1X0.75CR	1 X ¾"	33.4	26.67	19.5	15
HPRB 1.25X0.5CR	1 ¼ X ½"	42.16	21.34	16.5	15
HPRB 1.25X0.75CR	1 ¼ X ¾"	42.16	26.67	19.5	15
HPRB 1.25X1CR	1 ¼ X 1"	42.16	33.4	22.5	15
HPRB 1.5X0.5CR	1 ½ X ½"	48.26	21.34	16.5	15
HPRB 1.5X0.75CR	1 ½ X ¾"	48.26	26.67	19.5	15
HPRB 1.5X1CR	1 ½ X 1"	48.26	33.4	22.5	15
HPRB 2X0.5CR	2 X ½"	60.33	21.34	16.5	15
HPRB 2X0.75CR	2 X ¾"	60.33	26.67	19.5	15
HPRB 2X1CR	2 X 1"	60.33	33.4	22.5	15
HPRB 2X1.5CR	2 X 1 ¼"	60.33	48.26	26.5	15
HPRB 3X1.5CR	3 X 1 ¼"	88.9	48.26	26.5	15
HPRB 3X2CR	3 X 2"	88.9	60.33	36.5	15
HPRB 4X2CR	4 X 2"	114.3	60.33	36.5	15
HPRB 4X3CR	4 X 3"	114.3	88.9	51	15
HPRB 6X3CR	6 X 3"	168.3	88.9	60.5	15
HPRB 6X4CR	6 X 4"	168.3	114.3	63.5	15

MALE THREADED ADAPTOR /SOCKET/NIPPLE SOCKET



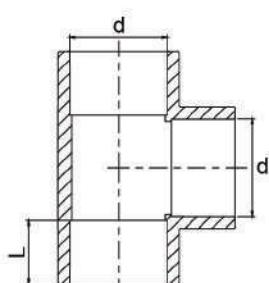
PART	NOMINAL SIZE (Inch)	DIMENSIONS			
		d	G	L	PN
HPMA 0.5X0.5CR	½"	21.34	½"	16.5	15
HPMA 0.75X0.75CR	¾"	26.67	¾"	19.5	15
HPMA 1X1CR	1"	33.4	1"	22.5	15
HPMA 1.25X1.25CR	1 ¼"	42.16	1 ¼"	26.5	15
HPMA 1.5X1.5CR	1 ½"	48.26	1 ½"	31.5	15
HPMA 2X2CR	2"	60.33	2"	36.5	15
HPMA 3X3CR	3"	88.9	3"	51	15
HPMA 4X4CR	4"	114.3	4"	63.5	15
HPMA6 X6CR	6"	168.3	6"	91	15

FEMALE THREADED ADAPTOR/SOCKET

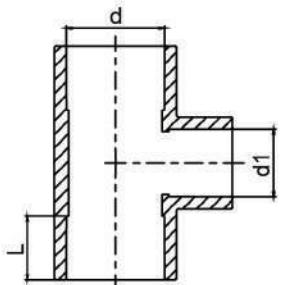


PART	NOMINAL SIZE (Inch)	DIMENSIONS			
		d	G	L	PN
HPFS 0.5X0.5CR	½"	21.34	½"	16.5	15
HPFS 0.75X0.75CR	¾"	26.67	¾"	19.5	15
HPFS 1X1CR	1"	33.4	1"	22.5	15
HPFS 1.25X1.25CR	1 ¼"	42.16	1 ¼"	26.5	15
HPFS 1.5X1.5CR	1 ½"	48.26	1 ½"	31.5	15
HPFS 2X2CR	2"	60.33	2"	36.5	15
HPFS 3X3CR	3"	88.9	3"	51	15
HPFS 4X4CR	4"	114.3	4"	63.5	15
HPFS 6X6CR	6"	168.3	6"	91	-

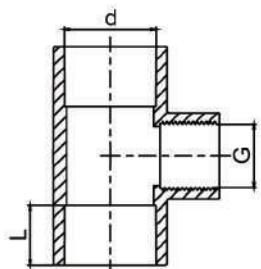
EQUAL TEE



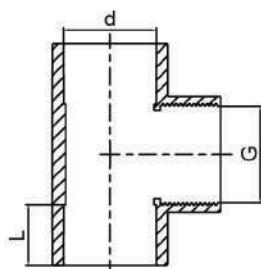
PART	NOMINAL SIZE (Inch)	DIMENSIONS		
		d	L	PN
HPT 0.5CR	½"	21.34	16.5	15
HPT 0.75CR	¾"	26.67	19.5	15
HPT 1CR	1"	33.4	22.5	15
HPT 1.25CR	1 ¼"	42.16	26.5	15
HPT 1.5CR	1 ½"	48.26	31.5	15
HPT 2CR	2"	60.33	36.5	15
HPT 3CR	3"	88.9	51	15
HPT 4CR	4"	114.3	63.5	15
HPT 6CR	6"	168.3	91	15

REDUCING TEE

PART	NOMINAL SIZE (Inch)	DIMENSIONS			
		d	dl	L	PN
HPRT 0.75X0.5CR	$\frac{3}{4} \times \frac{1}{2} \times \frac{3}{4}$ "	26.67	21.34	19.5	15
HPRT 1X0.5CR	$1 \times \frac{1}{2} \times 1$ "	33.4	21.34	22.5	15
HPRT 1X0.75CR	$1 \times \frac{3}{4} \times 1$ "	33.4	26.67	22.5	15
HPRT 1.5X0.5CR	$1 \frac{1}{2} \times \frac{1}{2} \times 1 \frac{1}{4}$ "	48.26	21.34	31.5	15
HPRT 1.5X0.75CR	$1 \frac{1}{2} \times \frac{3}{4} \times 1 \frac{1}{4}$ "	48.26	26.67	31.5	15
HPRT 1.5X1CR	$1 \frac{1}{2} \times 1 \times 1 \frac{1}{2}$ "	48.26	33.4	31.5	15
HPRT 2X0.5CR	$2 \times \frac{1}{2} \times 2$ "	60.33	21.34	36.5	15
HPRT 2X0.75CR	$2 \times \frac{3}{4} \times 2$ "	60.33	26.67	36.5	15
HPRT 2X1CR	$2 \times 1 \times 2$ "	60.33	33.4	36.5	15
HPRT 2X1.5CR	$2 \times 1 \frac{1}{2} \times 2$ "	60.33	48.26	36.5	15

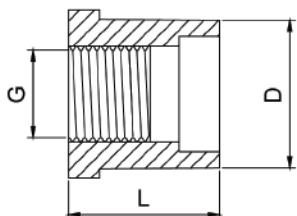
FEMALE THREADED REDUCING TEE

PART	NOMINAL SIZE (Inch)	DIMENSIONS			
		d	G	L	PN
HPFRT 0.75X0.5CR	$\frac{3}{4} \times \frac{1}{2} \times \frac{3}{4}$ "	21.34	$\frac{1}{2}$ "	19.5	15
HPFRT 1X0.5CR	$1 \times \frac{1}{2} \times 1$ "	33.4	$\frac{1}{2}$ "	22.5	15
HPFRT 1X0.75CR	$1 \times \frac{3}{4} \times 1$ "	33.4	$\frac{3}{4}$ "	22.5	15
HPFRT 1.5X0.5CR	$1 \frac{1}{2} \times \frac{1}{2} \times 1 \frac{1}{4}$ "	48.26	$\frac{1}{2}$ "	31.5	15
HPFRT 1.5X0.75CR	$1 \frac{1}{2} \times \frac{3}{4} \times 1 \frac{1}{4}$ "	48.26	$\frac{3}{4}$ "	31.5	15
HPFRT 1.5X1CR	$1 \frac{1}{2} \times 1 \times 1 \frac{1}{2}$ "	48.26	1"	31.5	15
HPFRT 2X0.5CR	$2 \times \frac{1}{2} \times 2$ "	60.33	$\frac{1}{2}$ "	36.5	15
HPFRT 2X0.75	$2 \times \frac{3}{4} \times 2$ "	60.33	$\frac{3}{4}$ "	36.5	15
HPFRT 2X1CR	$2 \times 1 \times 2$ "	60.33	1"	36.5	15

FEMALE THREADED EQUAL TEE

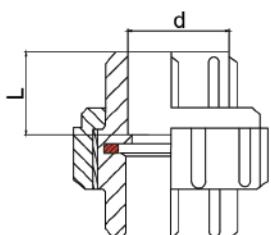
PART	NOMINAL SIZE (Inch)	DIMENSIONS (mm)			
		d	G	L	PN
HPFET 0.5CR	$\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$ "	21.34	$\frac{1}{2}$ "	16.5	15
HPFET 0.75CR	$\frac{3}{4} \times \frac{3}{4} \times \frac{3}{4}$ "	26.67	$\frac{3}{4}$ "	19.5	15
HPFET 1CR	$1 \times 1 \times 1$ "	33.4	1"	22.5	15
HPFET 1.25CR	$1 \frac{1}{4} \times 1 \frac{1}{4} \times 1 \frac{1}{4}$ "	42.16	$1 \frac{1}{4}$ "	26.5	15
HPFET 1.5CR	$1 \frac{1}{2} \times 1 \frac{1}{2} \times 1 \frac{1}{2}$ "	48.26	$1 \frac{1}{2}$ "	31.5	15
HPFET 2CR	$2 \times 2 \times 2$ "	60.33	2"	36.5	15

FEMALE THREADED REDUCER BUSH



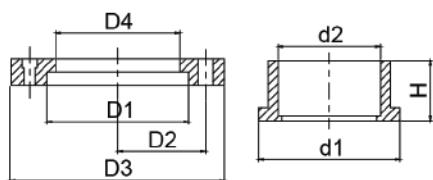
PART	NOMINAL SIZE (Inch)	DIMENSIONS			
		D	G	L	PN
HPFRB 0.75X0.5CR	3/4 X 1/2"	21.34	1/2"	32.4	15
HPFRB 1X0.5CR	1 X 1/2"	33.4	1/2"	35.6	15
HPFRB 1X0.75CR	1 X 3/4"	33.4	3/4"	35.6	15
HPFRB 1.5X0.5CR	1 1/2 X 1/2"	48.26	1/2"	43.0	15
HPFRB 2X0.5CR	2 X 1/2"	60.33	1/2"	47.4	15

UNION



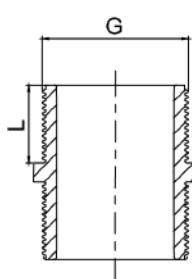
PART	NOMINAL SIZE (Inch)	DIMENSIONS (mm)		
		d	L	PN
HPU 0.5CR	1/2"	21.34	16.5	15
HPU 0.75CR	3/4"	26.67	19.5	15
HPU 1CR	1"	33.4	22.5	15
HPU 1.5CR	1 1/2"	48.26	31.5	15
HPU 2CR	2"	60.33	36.5	15

FLANGES WITH STUB



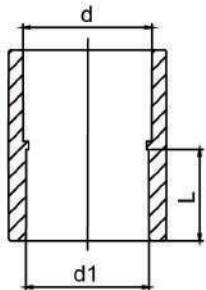
PART	NOMINAL SIZE (Inch)	DIMENSIONS (mm)								
		D1	D2	h	D1	D2	D3	D4	H	PN
HPFL 2CR	2"	91.8	60	43.5	92.5	120	152.4	77.6	20.5	15
HPFL 2.5CR	2 1/2"	107.2	73.4	49	107.6	140	177.6	92.6	24.8	15
HPFL 3CR	3"	119.9	89.4	54.9	120.6	152.5	191.4	109.4	26.4	15
HPFL 4CR	4"	152.5	110.4	64.8	153.0	191	229.7	134	28.5	15
HPFL 6CR	6"	206	160.5	85	207.5	241	284	192.5	32	15

HEX NIPPLE



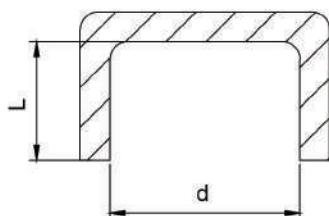
PART	NOMINAL SIZE (Inch)	DIMENSIONS		
		G	L	PN
HPHN 0.5CR	1/2"	1/2"	16.5	15
HPHN 0.75CR	3/4"	3/4"	19.5	15
HPHN 1CR	1"	1"	22.5	15
HPHN 1.5CR	1 1/2"	1 1/2"	31.5	15
HPHN 2CR	2"	2"	36.5	15

REPAIR SOCKET/ CONVERTABLE SOCKET



PART	NOMINAL SIZE (Inch)	DIMENSIONS (mm)			
		d	d1	L	PN
HPCS 0.5X20CR	½"X20	21.34	20	16.5	15
HPCS 0.75X25CR	¾"X25	26.67	25	19.5	15
HPCS 1X32CR	1"X32	33.4	32	22.5	15
HPCS 1.25X40CR	1 ¼"X40	-	-	-	-
HPCS 1.5X50CR	1 ½"X50	48.26	50	31.5	15
HPCS 2X63CR	2"X63	60.33	63	38	15
HPCS 2.5X75CR	2 ½"X75	-	-	-	-
HPCS 3X90CR	3"X90	-	-	-	-
HPCS 4X110CR	4"X110	-	-	-	-
HPCS 6X160CR	6"X160	-	-	-	-
HPCS 8X200CR	8"X200	-	-	-	-

END CAP



PART	NOMINAL SIZE (Inch)	DIMENSIONS (mm)		
		d	L	PN
HPEC 0.5CR	½"	21.34	16.5	15
HPEC 0.75CR	¾"	26.67	19.5	15
HPEC 1CR	1"	33.4	22.5	15
HPEC 1.5CR	1 ½"	48.26	31.5	15
HPEC 2CR	2"	60.33	36.5	15
HPEC 3CR	3"	88.9	51.5	15
HPEC4 CR	4"	114.3	63.5	15
HPEC 6CR	6"	168.3	91	15



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