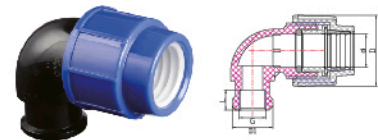


ITEM NO:PT001

90° ELBOW

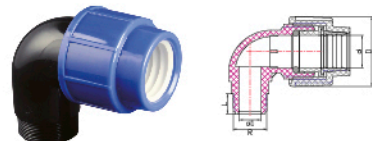
Nom Size	D	d	H
16	38	18.3	63.03
20	44	21	76
25	56	26	96
32	65	33	116
40	80	41	145
50	92	51	163
63	114	64	195
75	128	76	227
90	152	91	264
110	182	111	307



ITEM NO:PT002

FEMALE THREAD ELBOW

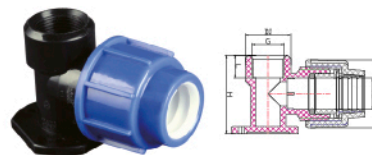
Nom Size	D	d	D1	G	L
16X1/2"	38	18.3	29.7	1/2"	16.5
20X1/2"	44	21	31.6	1/2"	16
20X3/4"	44	21	38.6	3/4"	19
25X1/2"	56	26	31.6	1/2"	16
25X3/4"	56	26	38.6	3/4"	19
32X1/2"	65	33	31.6	1/2"	16
32X3/4"	65	33	38.6	3/4"	19
32X1"	65	33	47.4	1"	22
40X3/4"	80	41	38.6	3/4"	19
40X1"	80	41	47.4	1"	22
40X1 1/4"	80	41	62.0	1 1/4"	24
40X1 1/2"	80	41	67.0	1 1/2"	24
50X1 1/4"	92	51	62.0	1 1/4"	24
50X1 1/2"	92	51	67.0	1 1/2"	24
50X2"	92	51	81.2	2"	28
63X1 1/4"	114	64	62.0	1 1/4"	24
63X1 1/2"	114	64	67.0	1 1/2"	24
63X2"	114	64	81.2	2"	28
75X2"	128	76	81.2	2"	28
75X2 1/2"	128	76	105.0	2 1/2"	33
90X3"	152	91	126.0	3"	35
90X4"	152	91	157.0	4"	40
110X4"	182	111	157.0	4"	40



ITEM NO:PT003

MALE THREAD ELBOW

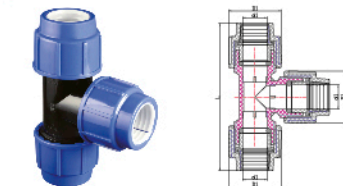
Nom Size	D	d	d1	R	L
20X1/2"	44	21	12	1/2"	14
20X3/4"	44	21	17	3/4"	16
25X1/2"	56	26	12	1/2"	14
25X3/4"	56	26	17	3/4"	16
32X1/2"	65	33	12	1/2"	14
32X3/4"	65	33	17	3/4"	16
32X1"	65	33	22	1"	19
40X1 1/4"	80	41	30	1 1/4"	21
40X1 1/2"	80	41	34	1 1/2"	21
50X1 1/4"	92	51	30	1 1/4"	21
50X1 1/2"	92	51	34	1 1/2"	21
50X2"	92	51	44	2"	26
63X1 1/4"	114	64	30	1 1/4"	21
63X1 1/2"	114	64	33	1 1/2"	21
63X2"	114	64	46	2"	26
75X2 1/2"	128	76	59	2 1/2"	30
90X3"	152	91	70	3"	33
90X4"	152	91	91	4"	38
110X4"	182	111	89	4"	38



ITEM NO:PT004

FEMALE THREAD ELBOW WITH BRACKET

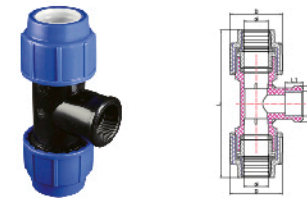
Nom Size	D	d1	L	D2	d2	H
25X3/4"	37	3/4"	19	56	26	65



ITEM NO:PT005

TEE

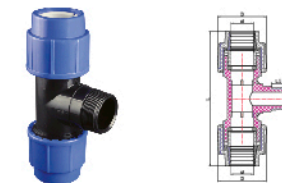
Nom Size	D	d	L
16	38	18.3	104.59
20	44	21	125
25	56	26	158
32	65	33	189
40	80	41	239
50	92	51	262
63	114	64	303
75	128	76	365
90	152	91	420
110	182	111	482



ITEM NO:PT006

FEMALE THREAD TEE

Nom Size	D	d	D1	G	L1	L
16X1/2"	38	18.3	29.7	1/2"	16.5	104.59
20X1/2"	44	21	31.6	1/2"	16	125
20X3/4"	44	21	38.6	3/4"	19	125
25X1/2"	56	26	31.6	1/2"	16	158
25X3/4"	56	26	38.6	3/4"	19	158
25X1"	56	26	47.4	1"	22	158
32X1/2"	65	33	31.6	1/2"	16	189
32X3/4"	65	33	38.6	3/4"	19	189
32X1"	65	33	47.4	1"	22	189
40X1 1/4"	80	41	62.0	1 1/4"	24	239
50X1"	92	51	47.4	1"	22	262
50X1 1/2"	92	51	67.0	1 1/2"	24	262
50X2"	92	51	81.2	2"	28	262
63X1"	114	64	47.4	1"	22	303
63X2"	114	64	81.2	2"	28	303
75X2 1/2"	128	76	105	2 1/2"	33	365
90X3"	152	91	126	3"	35	420
110X3"	182	111	126	3"	35	482
110X4"	182	111	157	4"	40	482



ITEM NO:PT007

MALE THREAD TEE

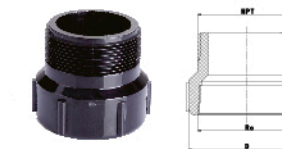
Nom Size	D	d	D1	R	L1	L
20X1/2"	44	21	12	1/2"	14	125
20X3/4"	44	21	16	3/4"	16	125
25X1/2"	56	26	12	1/2"	14	158
25X3/4"	56	26	16	3/4"	16	158
32X1/2"	65	33	12	1/2"	14	189
32X1"	65	33	22	1"	19	189
40X1 1/4"	80	41	30	1 1/4"	21	239
40X1 1/2"	80	41	34	1 1/2"	21	239
50X1 1/2"	92	51	34	1 1/2"	21	262
50X2"	92	51	46	2"	26	262
63X2"	114	64	46	2"	26	303
75X2 1/2"	128	76	59	2 1/2"	30	365
90X3"	152	91	70	3"	33	420
90X4"	152	91	89	4"	38	420
110X4"	182	111	89	4"	38	482



ITEM NO:PT008

FEMALE THREAD SOCKET

Nom Size	D	d	D1	G	L	h
16X1/2"	38	18.3	29.7	1/2"	15.8	59.29
20X1/2"	44	21	31.6	1/2"	16	75
20X3/4"	44	21	38.6	3/4"	19	78
25X1/2"	56	26	31.6	1/2"	16	92
25X3/4"	56	26	38.6	3/4"	19	95
25X1"	56	26	47.4	1"	22	98
32X3/4"	65	33	38.6	3/4"	19	107
32X1"	65	33	47.4	1"	22	110
40X1 1/4"	80	41	62	1 1/4"	24	137
50X1 1/4"	92	51	62	1 1/4"	24	151
50X1 1/2"	92	51	67	1 1/2"	24	151
50X2"	92	51	81.2	2"	28	155
63X1 1/2"	114	64	67	1 1/2"	24	161
63X2"	114	64	81.2	2"	28	165
75X2"	128	76	81.2	2"	28	188
75X2 1/2"	128	76	105	2 1/2"	33	193
75X3"	128	76	126	3"	35	195
90X2 1/2"	152	91	105	2 1/2"	33	212
90X3"	152	91	126	3"	35	214
90X4"	152	91	157	4"	40	219
110X2"	182	111	81.2	2"	28	228
110X3"	182	111	126	3"	35	235
110X4"	182	111	157	4"	40	240



ITEM NO:PEC01

BSPT&NPT THREAD TRANSFER SOCKET

Nom Size	D	Rc	NPT	I	H
2 1/2"	90.4	2 1/2"	2 1/2"	34	87.5
3"	104.4	3"	3"	35	95.3
4"	134	4"	4"	35	97