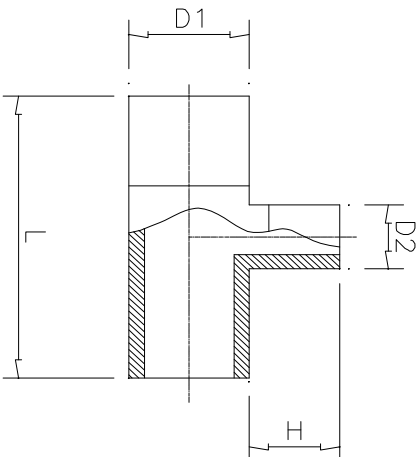
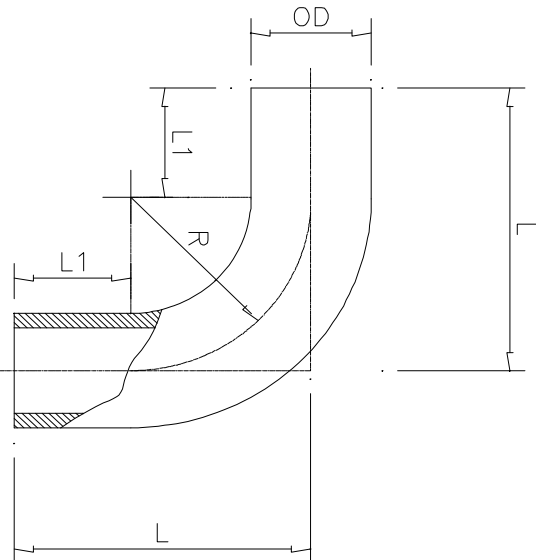




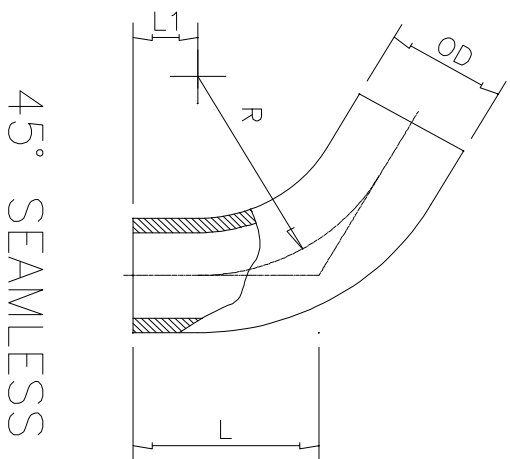
SPIGOT REDUCING TEE

TABLE FOR SPIGOT REDUCING TEE			
FITTING SIZE OD (mm)	L*	L1*	H*
D1	D2		
110	63		
125	63		
125	90		
160	63		
160	90		
160	110		
180	90		
180	110		
280	110		
280	160		
280	180		
280	225		
355	110		
355	160		
355	180		
355	280		

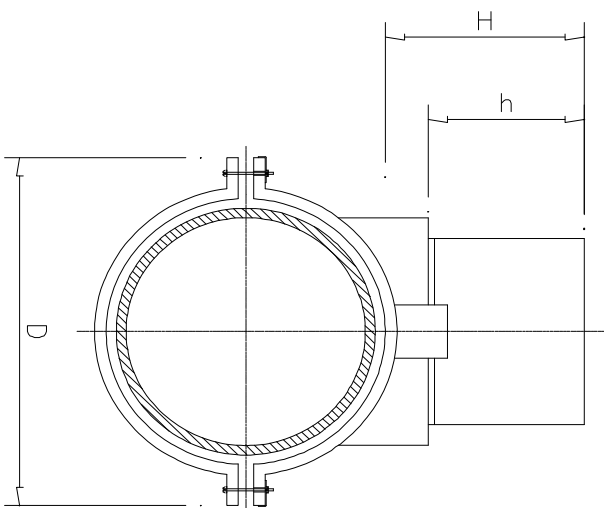


90° SEAMLESS FORMED ELBOW

TABLE FOR SEAMLESS FORMED ELBOW													
PE PIPE OD (mm)	R=1.5d	90°		60°		45°		22°		11°			
		L	L1	L	L1	L	L1	L	L1	L	L1	L	L1
32	48	148	80	128	80	120	80	113	80	113	80		
40	60	160	80	135	80	120	80	116	80	116	80		
60	94.5	220	100	173	100	161	100	150	100	150	100		
90	135	260	100	193	100	177	100	160	100	160	100		
110	165	340	150	270	150	243	150	219	150	219	150		
125	188	353	150	283	150	253	150	225	150	225	150		
160	240	415	150	313	150	274	160	239	150	239	150		
180	270	445	150	330	150	287	150	247	150	247	150		
225	338	513	150	370	150	315	150	266	150	266	150		
250	375	650	250	500	250	440	250	385	250	385	250		
280	420	695	250	530	250	460	250	400	250	400	250		
315	473	803	250	612	250	535	250	460	250	460	250		
355	533	900	300	690	300	620	300	540	300	540	300		
400	600	980	300	730	300	650	300	560	300	560	300		
450	675	1070	300	780	300	680	300	580	300	580	300		

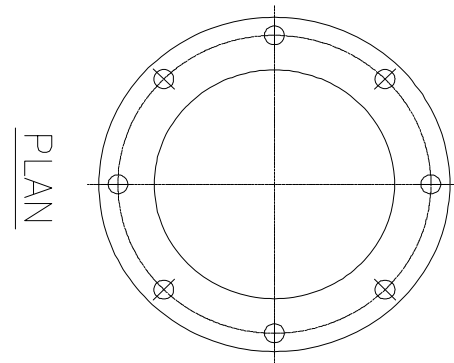


45° SEAMLESS FORMED ELBOW



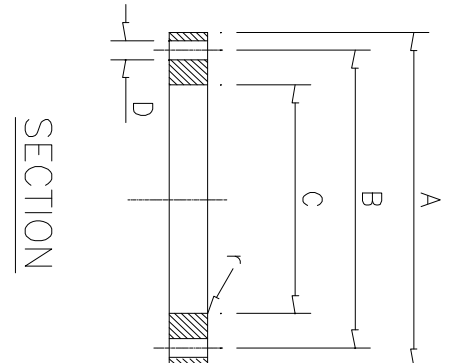
BRANCH SADDLES UNDERPART

BRANCH SADDLES UNDERPART				
FITTING SIZE OD (mm)	H	h	D	WIDTH
90 x 90	124	84	154	144
110 x 90	121	84	180	165
125 x 90	114	84	180	165
160 x 90	110	84	236	215
180 x 90	100	84	236	215
200 x 90	115	84	263	165
225 x 90	113	84	291	165
250 x 90	120	84	317	165
160 x 110	131	98	236	217
180 x 110	121	98	236	217
180 x 125	121	98	236	217
225 x 125	123	98	327	310
250 x 125	110	98	327	310
250 x 225	*	*	320	310
315 x 280	*	*	385	420
355 x 280	*	*	425	420

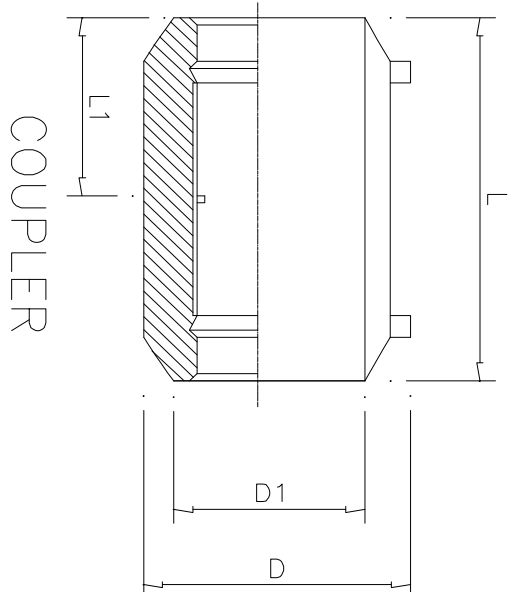


FLANGE

TABLE FOR FLANGE						
PE PIPE OD (mm)	NOMINAL FLANGE SIZE	A	C	BCD	HOLES D	No. OF HOLES
110	100	220	128	180	18	3.5
160	150	305	195	240	22	3.5
225	200	340	238	295	22	4.5
280	250	405	294	355	26	5.0
315	300	460	338	410	26	5.5
355	350	520	375	460	26	6.0
400	400	580	430	525	30	6.0
450	450	640	465	585	30	6.5
500	500	715	533	650	33	7.0
560	550	730	575	675	36	8.0



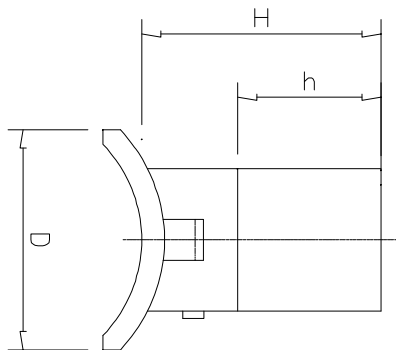
COUPLER



SPIGOT REDUCER

BRANCH SADDLES STACKLOADING					
FITTING SIZE OD (mm)	H	h	D	WIDTH	
63 x 63	107	75	77	118	
75 x 63	107	75	88	125	
90 x 63	98	75	96	118	
110 x 63	110	75	106	118	
125 x 63	102	75	106	118	
160 x 63	114	75	112	118	
180 x 63	104	75	112	118	
700 x 63	104	75	112	118	
225 x 63	104	75	112	118	
250 x 63	104	75	112	118	
280 x 63	104	75	112	118	
315 x 63	104	75	112	118	
355 x 63	104	75	112	118	

TABLE FOR EQUAL TEE			
FITTING SIZE OD (mm)	L	L1	H
D1	106	37	54
20	120	40	60
25	136	44	68
32	160	49	79
40	184	57	92
50	214	60	108
63	246	67	123
75	272	77	135
90	318	87	159
110	344	97	172
125	392	100	196
140	408	101	205
160	525	140	260
180	500	122	250
225	555	127	276
250	575	127	288
280	615	132	308
315	695	150	346
355	820	165	410
400	915	195	460



BRANCH SADDLES STACKLOADING

TABLE FOR LONG STUB END							
PE PIPE OD	NOMINAL FLANGE SIZE	ND	D1	D	L1	L	T
25	20	32	58	40	85	9	
32	25	40	68	60	85	10	
40	32	50	78	62	85	11	
50	40	61	88	75	104	12	
63	50	73	101	88	120	14	
90	80	102	138	103	140	17	
110	100	124	158	100	140	18	
125	100	129	157	140	180	25	
160	150	173	212	130	180	25	
180	150	180	211	140	195	30	
225	200	234	268	135	200	32	
280	250	291	320	140	225	35	
315	300	334	370	150	235	35	
355	300	370	430	165	255	40	
400	450	423	480	180	285	45	

TABLE FOR REDUCER		
FITTING SIZE OD (mm)	L1*	L2*
50 x 25		
63 x 32		
63 x 40		
63 x 50		
75 x 63		
90 x 63		
90 x 75		
110 x 90		
125 x 90		
125 x 110		
160 x 110		
160 x 125		
180 x 125		
180 x 160		
250 x 180		
250 x 200		
250 x 225		
280 x 225		
280 x 250		
315 x 225		
315 x 250		
315 x 280		
355 x 225		
355 x 250		
355 x 280		

TABLE FOR COUPLER					
PE PIPE OD (mm)	L	L1	D	D1	
20	77	37.5	29	20	
25	77	37.5	33.5	25	
32	77	37.5	43	32	
40	90	44	51.5	40	
50	91	44	61.5	50	
63	102	49	77	63	
75	125	61	100	75	
90	122	60	110	90	
110	144	70	133	110	
125	154	75	161	125	
140	181	89	176	140	
160	176	86	195	160	
180	185	91	220	180	
200	186	92	243	200	
225	222	109	276	225	
250	220	108	301	250	
280	260	127	345	280	
315	261	128	386	315	
355	260	126	437	355	
400	260	126	437	355	

REKOD : 1

UNTUK TETAPAN
MALIS AMANAH RAKYAT (MARA)



MALIS AMANAH RAKYAT (MARA)

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E-mail : asarisonline@gmail.com

RETIKULASI BEKALAN AIR
- PERINCANGAN (2)

TARIKH	: MAC 2026	SKALA	: AS SHOWN
DILUKIS OLEH	: AZRI		
DISEMAK OLEH	: IR SPENCER KLUWA		
DILULUSKAN OLEH	: IR SPENCER KLUWA		
NG LUKSIAN	: PRZS(159-25)-KM	Banting-004	