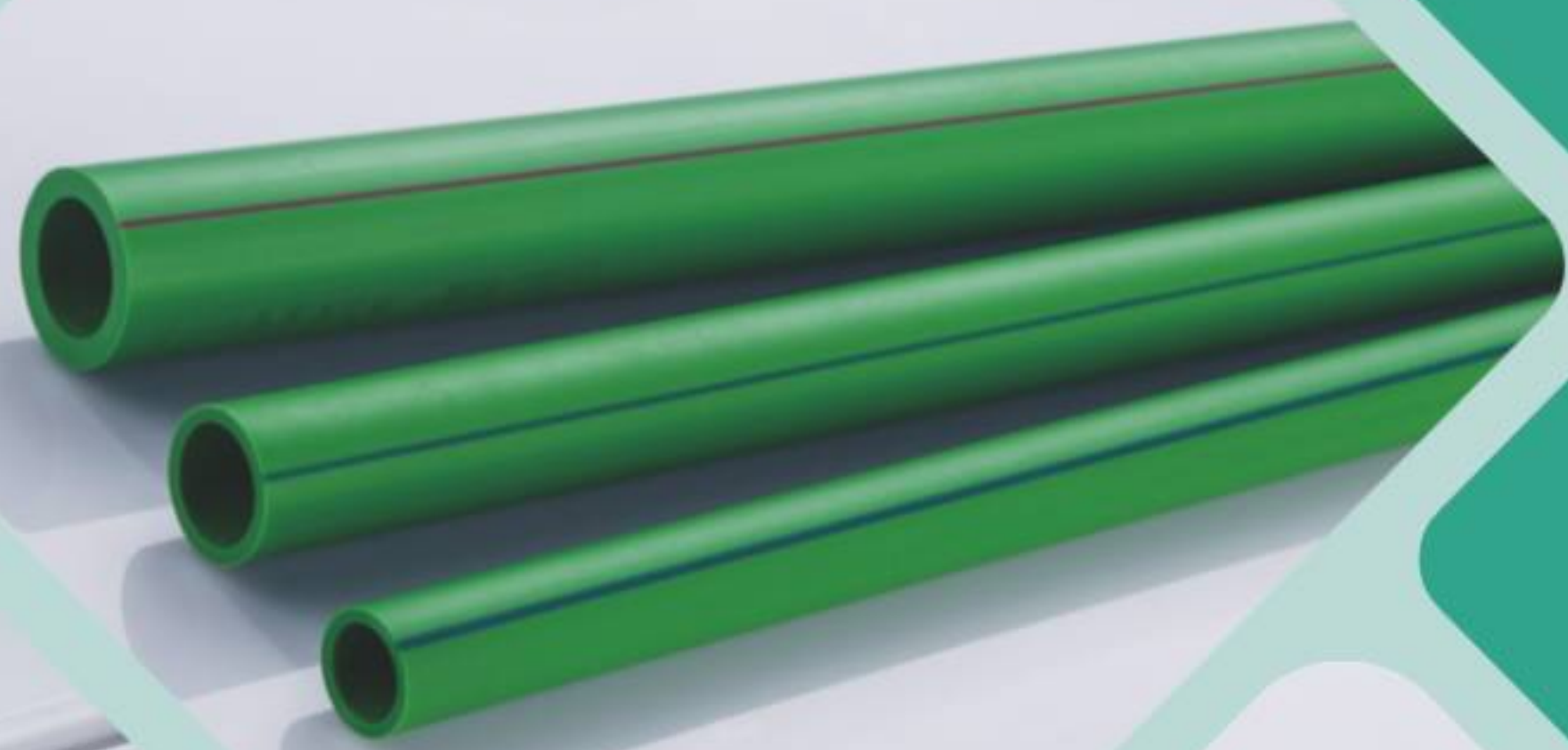


LESSO



PVC Conduit and Fittings
JIS PVC Pipe and Fittings
PP-R Water Pipe and Fittings (Green)

PRODUCT CATALOG

PT. LESSO TECHNOLOGY INDONESIA



CONTENTS

PVC Conduit and Fittings	P01-07
JIS PVC Pipe and Fittings	P08-19
PP-R Water Pipe and Fittings (Green)	P20-37

PVC Conduit and Fittings



PVC Conduit (Grade C)



SAP No. (plain end/4M)	Size (mm)	Wall Thickness	Pack Qty
8030051700	5/8	0.7	35

(Grade B)

SAP No. (plain end/2.9M)	Size (mm)	Wall Thickness	Pack Qty
8030050068	20	1.5	25
8030050080	25	1.6	20
8030050090	32	1.9	10
8030050101	40	2.0	10
8030050110	50	2.2	5

PVC Corrugated Conduit



SAP No.	Size (mm)	Length (m/coil)
8030020808	20	50M
8030020812	25	50M
8030020754	32	100M

Coupling



SAP Number	Size (mm)	PCS /CTN
8030020288	20	500
8030020289	25	250
8030020290	32	120

Male Adapter (for corrugated conduit)



SAP Number	Size (mm)	PCS /CTN
8030020351	20	350
8030020352	25	200
8030020353	32	140

Male Adapter (for corrugated conduit)II



SAP Number	Size (mm)	PCS /CTN
8030021225	20	350

Flexible Coupling



Size: 16, 20



Size: ≥25

SAP Number	Size (mm)	PCS /CTN
8030020141	20	500
8030020142	25	320
8030020143	32	200

Flexible Reducer



Size: 16, 20



Size: ≥25

SAP Number	Size (mm)	PCS /CTN
8030020399	25×20	
8030020400	32×16	
8030020401	32×20	
8030020402	32×25	

Tee



SAP Number	Size (mm)	PCS /CTN
8030020171	20	200
8030020172	25	130
8030020173	32	70

Reducer



SAP Number	Size (mm)	PCS /CTN
8030020271	25×20	480
8030020272	32×20	264
8030020273	32×25	264

Change Union (for corrugated conduit)



SAP Number	Size (mm)	PCS /CTN
8030020790	20	350

45 ° Elbow



SAP Number	Size (mm)	PCS /CTN
8030021230	20	400
8030021231	25	200
8030021212	32	100
8030021213	40	

90 ° Elbow



SAP Number	Size (mm)	PCS /CTN
8030020207	20	320
8030020208	25	160
8030020209	32	90

90 ° Long Sweep Bend



SAP Number	Size (mm)	PCS /CTN
8030020202	20	250
8030020203	25	130
8030020204	32	60

Elbow with Cover



SAP Number	Size (mm)	PCS /CTN
8030020221	20	200
8030020222	25	125
8030020223	32	60

Tee with Cover



SAP Number	Size (mm)	PCS /CTN
8030020185	20	80
8030020186	25	60
8030020187	32	30

1 Way Terminal Box (with cover)



SAP Number	Size (mm)	H	PCS /CTN
8030020232	65×40/1/20	40	60
8030020233	65×40/1/25	40	60

2 Way Through Box (with cover)



SAP Number	Size (mm)	H	PCS /CTN
8030020257	65×40/2I/20	40	50
8030020258	65×40/2I/25	40	50

2 Way Angle Box (with cover)



SAP Number	Size (mm)	H	PCS /CTN
8030020240	65×40/2L/20	40	50
8030020241	65×40/2L/25	40	50

3 Way Tee Box (with cover)



SAP Number	Size (mm)	H	PCS /CTN
8030020192	65×40/3/20	40	50
8030020193	65×40/3/25	40	40

4 Way Cross Box (with cover)



SAP Number	Size(mm)	H	PCS/CTN
8030020247	65×40/4/16	40	50
8030020248	65×40/4/20	40	40
8030020249	65×40/4/25	40	35

1 Way Deep Terminal Box (concealed installation)



SAP Number	Size (mm)	H	PCS /CTN
8030020113	65×65/1/20	65	30
8030020114	65×65/1/25	65	30
8030020378	65×70/1/20	70	30
8030020368	65×70/1/25	70	30

2 Way Deep Through Box (concealed installation)



SAP Number	Size (mm)	H	PCS /CTN
8030020268	65×65/2/20	65	30
8030020269	65×65/2/25	65	30
8030020380	65×70/2/20	70	30
8030020381	65×70/2/25	70	30

2 Way Deep Angle Box (concealed installation)



SAP Number	Size (mm)	H	PCS /CTN
8030020116	65×65/2L/20	65	30
8030020117	65×65/2L/25	65	25
8030020379	65×70/2L/20	70	30
8030020367	65×70/2L/25	70	25

3 Way Deep Tee Box (concealed installation)



SAP Number	Size (mm)	H	PCS /CTN
8030020168	65×65/3/20	65	30
8030020169	65×65/3/25	65	25
8030020382	65×70/3/20	70	30
8030020383	65×70/3/25	70	25

4 Way Deep Cross Box (concealed installation)



SAP Number	Size (mm)	H	PCS /CTN
8030020119	65×65/4/20	65	25
8030020120	65×65/4/25	65	25
8030020122	65×70/4/20	70	25
8030020123	65×70/4/25	70	25

Gang Box (with active foot,concealed installation)



SAP Number	Size (mm)	H	PCS /CTN
8030020044	77×77/20	38	40
8030020046	77×77/20 25	38	40



8030020045	77×77/20	48	35
8030020047	77×77/20 25	48	35

Gang Box (with active foot,concealed installation)



SAP Number	Size (mm)	H	PCS /CTN
8030020062	77×77/20	56	30
8030020064	77×77/20 25	56	30



8030020063	77×77/20	70	30
8030020065	77×77/20 25	70	30

Gang Box (with active foot,concealed installation)



SAP Number	Size (mm)	H	PCS /CTN
8030020052	164×77/16×2 20 25	38	22

Gang Box (with active foot,concealed installation)



SAP Number	Size (mm)	H	PCS /CTN
8030020054	164×77/20×2 25×2	50	18

Gang Box (with active foot,concealed installation)



SAP Number	Size (mm)	H	PCS /CTN
8030020055	141×80/20	50	22

Gang Box (with Active Foot, Conncealed Installation)

SAP Number	Size (mm)	H	PCS /CTN
8030020053	255×75/20×2 25x2	50	12

Deeper Assembling Gang Box (through reinforcement type,concealed installation)

SAP Number	Size (mm)	H	PCS /CTN
8030020066	81×81/20	50	35
8030021130	81×81/25	50	35

Insert Reinforce Lengthened Assembling Gang Box (through reinforcement type,concealed installation)

SAP Number	Size (mm)	H	PCS /CTN
8030020917	77×77/20	60	32
8030020864	77×77/20	70	27
8030020865	77×77/20 25	70	27
8030020866	77×77/25	70	27

Gang Box (surface installation)

SAP Number	Size (mm)	H	PCS /CTN
8030020071	86×86/20 25	40	40
8030021168	86×86/20	40	40
8030020070	86×86/20	54	30
8030020072	86×86/20 25	54	30
8030020068	86×86/20	46	36
8030020069	86×86/20 25	46	36

Transfer Frame

SAP Number	Size (mm)	H	PCS /CTN
8030020388	77×77	22	91

Gang Box (through reinforcement type, concealed installation)

SAP Number	Size (mm)	H	PCS /CTN
8030020056	77×77/20	50	37
8030020057	77×77/20	60	32
8030020058	77×77/20	70	28
8030020562	77×77/20 25	50	37
8030020059	77×77/20 25	60	32
8030020060	77×77/20 25	70	28
8030020618	77×77/20	70	28
8030020619	77×77/20 25	70	28
8030020918	77×77/20	60	32
8030020919	77×77/20 25	60	32

Gang Box (typy III,concealed installation)

SAP Number	Size (mm)	H	PCS /CTN
8030020617	77×77/20	50	50

Gang Box (through reinforcement type,concealed installation)

SAP Number	Size (mm)	H	PCS /CTN
8030020620	141×80/20	50	22
8030020663	164×77/16 20 25	38	22
8030020664	164×77/20 25	50	18

Rib-piercing Deeper Assembling Gang Box (through reinforcement type, concealed installation)

SAP Number	Size (mm)	H	PCS /CTN
8030021235	77×77/20	70	24
8030021236	77×77/20 25	70	24

Gang Box (through reinforcement type, with 8 active feet,concealed installation)



SAP Number	Size (mm)	H	PCS /CTN
8030020661	77×77/20	70	38
8030020763	77×77/20	60	40
8030020764	77×77/25	60	40

Rib-piercing Gang Box (through reinforcement type, with 8 active feet,concealed installation)



SAP Number	Size (mm)	H	PCS /CTN
8030020041	77×77/20	50	45
8030020042	77×77/20	60	40
8030020043	77×77/20	70	38
8030020557	77×77/20 25	70	38
8030020851	77×77/25	70	38

Gang Box Cover



Size:75×75~86×86



Size:100×75~172×86

SAP Number	Size (mm)	H	PCS /CTN
8030020387	75×75		340
8030020920	77×77		250
8030020369	86×86		230
8030020384	100×75		
8030020385	147×86		160
8030020386	164×77		160
8030020733	172×86		

Box Cover(with 8 active feet)



SAP Number	Size (mm)	PCS /CTN
8030021196	77×77	

Box Cover



SAP Number	Size (mm)	PCS /CTN
8030020255	65	600

Assembling Clamp



SAP Number	Size (mm)	PCS /CTN
8030020421	20	1000
8030020422	25	1000
8030020423	32	500

Clamp



(Ø20-Ø50)

SAP Number	Size (mm)	PCS /CTN
8030020127	20	1000
8030020128	25	900
8030020129	32	500

U Style Clamp



SAP Number	Size (mm)	PCS /CTN
8030021111	20	900
8030021112	25	700



8030020594	20	1500
8030020595	25	1000
8030020596	32	500

Double U Clamp



SAP Number	Size (mm)	PCS /CTN
8030020737	20	900
8030020750	25	600
8030020751	32	

Plug



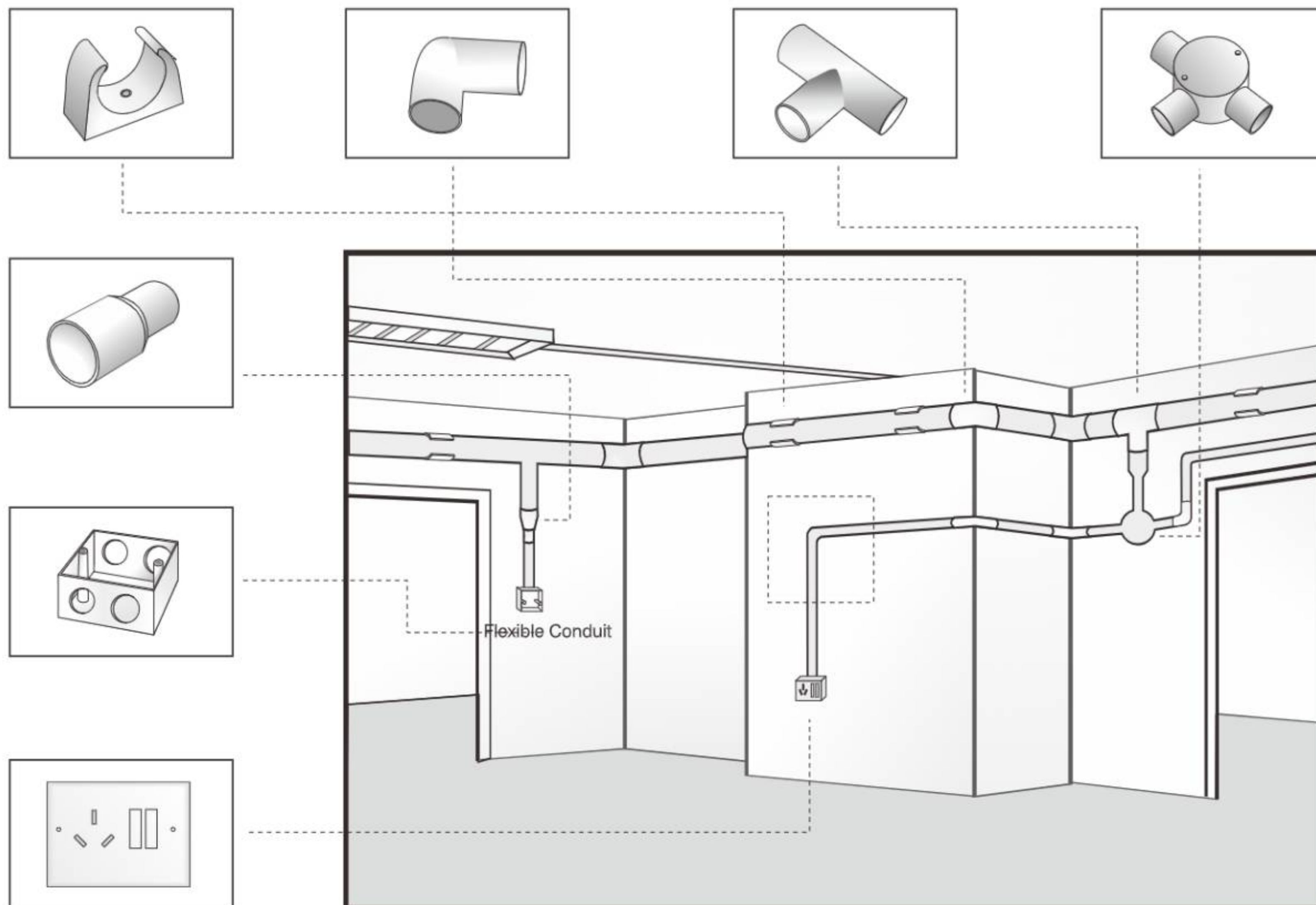
SAP Number	Size (mm)	PCS /CTN
8030020159	20	3000
8030020160	25	2000

Bending Spring (for Grade B Conduit)



SAP Number	Size (mm)	PCS /CTN
8030020361	20	20
8030020364	25	12
8030020376	32	8

Installation Example for Conduit and Fittings



PVC Pipe and Fittings



PVC-U AW PIPE

NO.	DN		OD (mm)	Thickness (mm)
	mm	Inch		
8010012683	16	1/2"	22	1.75
8010012684	20	3/4"	26	1.9
8010012691	25	1"	32	2.1
8010012692	35	1-1/4"	42	2.4
8010012693	40	1-1/2"	48	2.5
8010012694	50	2"	60	2.5
8010012695	65	2-1/2"	76	2.8
8010012696	75	3"	89	3.2
8010012697	100	4"	114	4.3
8010013700	125	5"	140	5.6
8010012698	150	6"	165	6.7
8010013701	200	8"	216	8.3
8010013702	250	10"	267	9.9
8010013703	300	12"	318	11.9

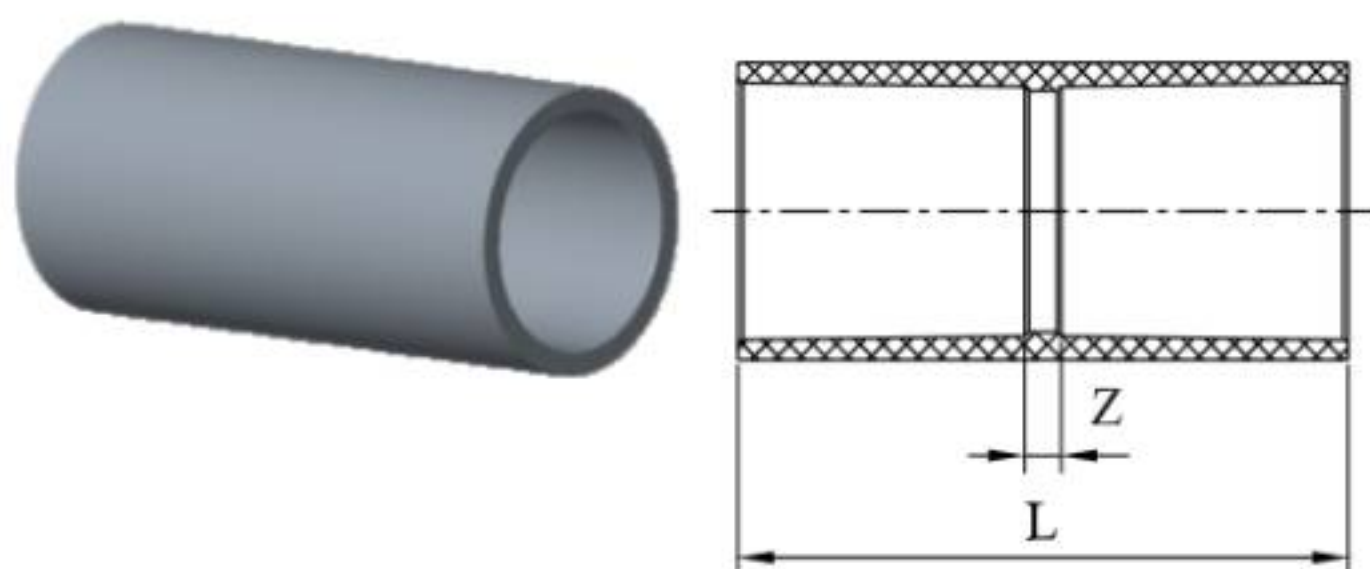
JIS PVC-U D PIPE

NO.	DN		OD (mm)	Thickness (mm)
	mm	Inch		
8020012377	35	1-1/4"	42	1.5
8020012378	40	1-1/2"	48	1.5
8020012379	50	2"	60	1.5
8020012380	65	2-1/2"	76	1.6
8020012381	75	3"	89	1.95
8020012382	100	4"	114	2.2
8020013759	125	5"	140	2.75
8020012383	150	6"	165	3.25
8020013760	200	8"	216	4.3
8020013761	250	10"	267	5.45
8020013762	300	12"	318	6.6

© Form Supplied:

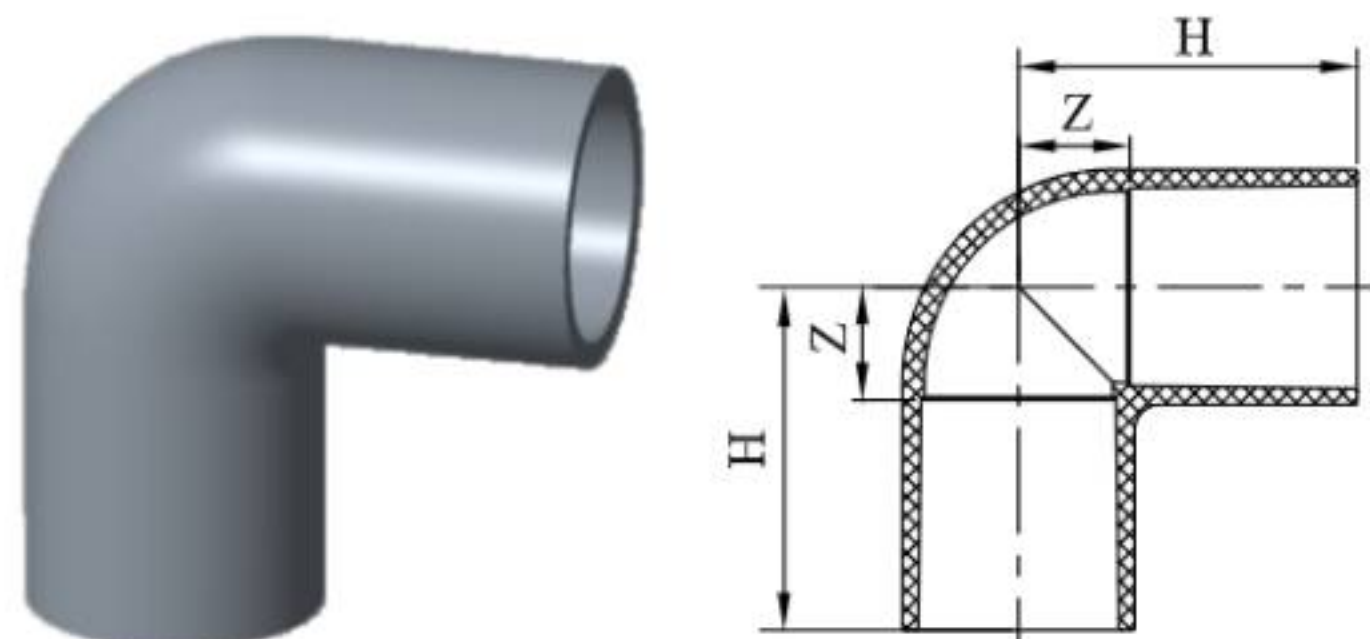
- 4 meters straight length (all size)
- Other forms are also available upon request

Socket (AW)



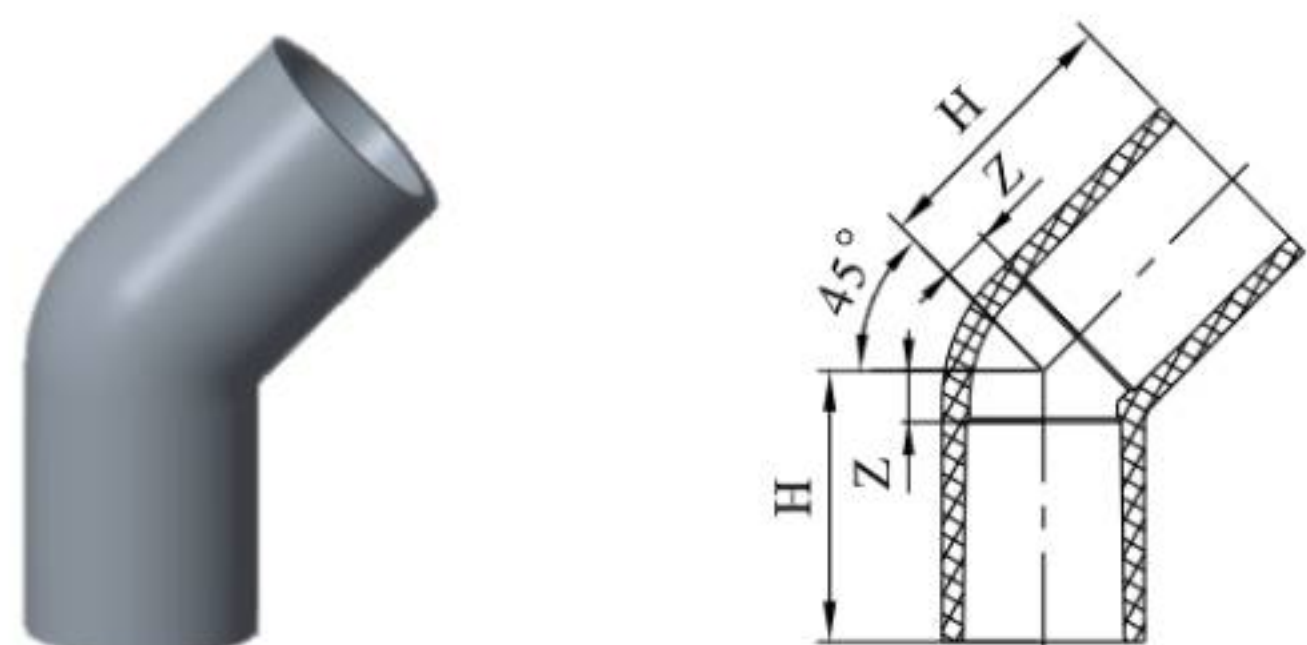
SAP Number	Size (mm)	L	Z	PCS /CTN
8010024550	1/2"	67	7	375
8010024551	3/4"	77	7	250
8010024448	1"	87	7	160
8010024386	1-1/4"	95	4	120
8010024387	1-1/2"	117	7	78
8010024812	2"	133	7	96
8010024327	2-1/2"	145	19	56
8010024552	3"	155	27	40
8010024388	4"	200	32	20
8010024948	6"	286	22	6
8011021615	8 "	360	70	3
8011021692	10 "	389	79	3
8011021693	12 "	435	85	3

Elbow (AW)



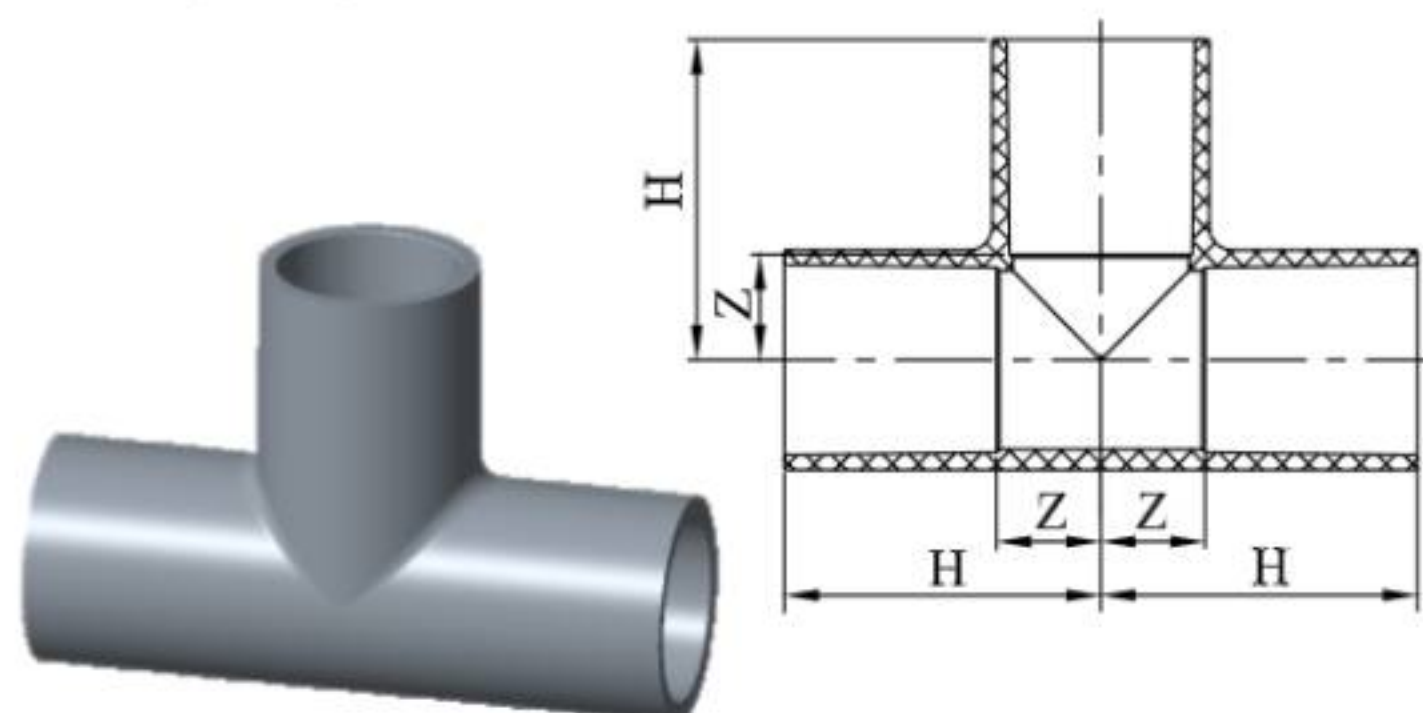
SAP Number	Size (mm)	H	Z	PCS /CTN
8010024350	1/2"	30	13	300
8010024351	3/4"	50	15	200
8010024318	1"	58	40	125
8010024352	1-1/4"	68	22.5	70
8010024403	1-1/2"	82	27	45
8010024319	2"	96	33	32
8010024353	2-1/2"	110	47	40
8010024354	3"	120	56	24
8010024355	4"	153	69	10
8011021447	5 "	185.7	81.7	5
8010024404	6"	230	98	3
8011021680	8 "	282	137	1
8011021685	10 "	321.5	166.5	2
8011021686	12 "	355.7	180.7	1

45° Elbow (AW-45L)



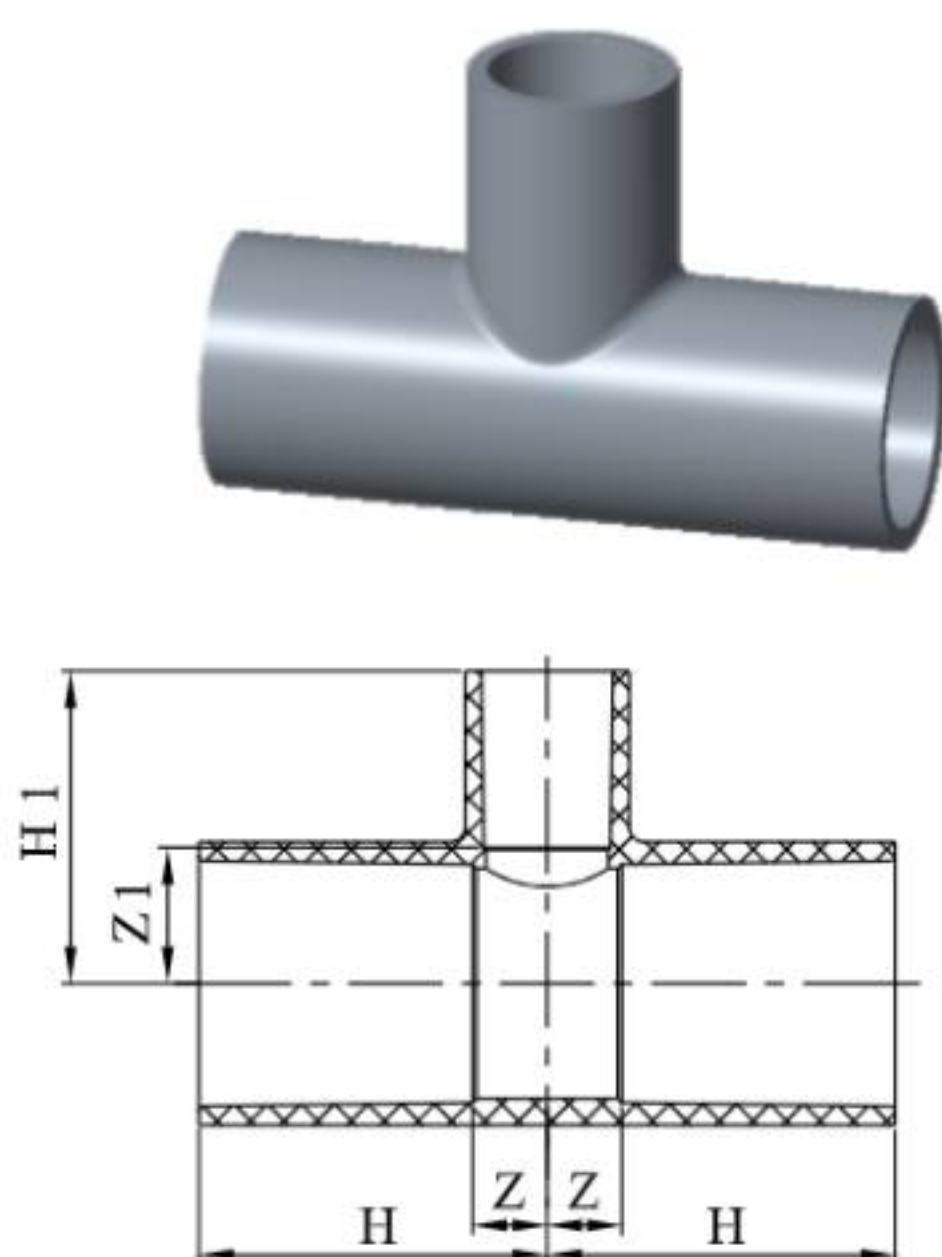
SAP Number	Size (mm)	L	Z	PCS /CTN
8010024438	1/2"	37	7	320
8010024347	3/4"	44	9	200
8010024348	1"	51	11	100
8010024349	2"	80	17	60
8010024873	4"	122	38	12
8011021616	5 "	148.5	44.5	7
8010024874	6"	184	52	3
8011021682	8 "	200	55	5
8011021683	10 "	212.5	57.5	2
8011021684	12 "	225.5	85.5	1

Tee (AW)



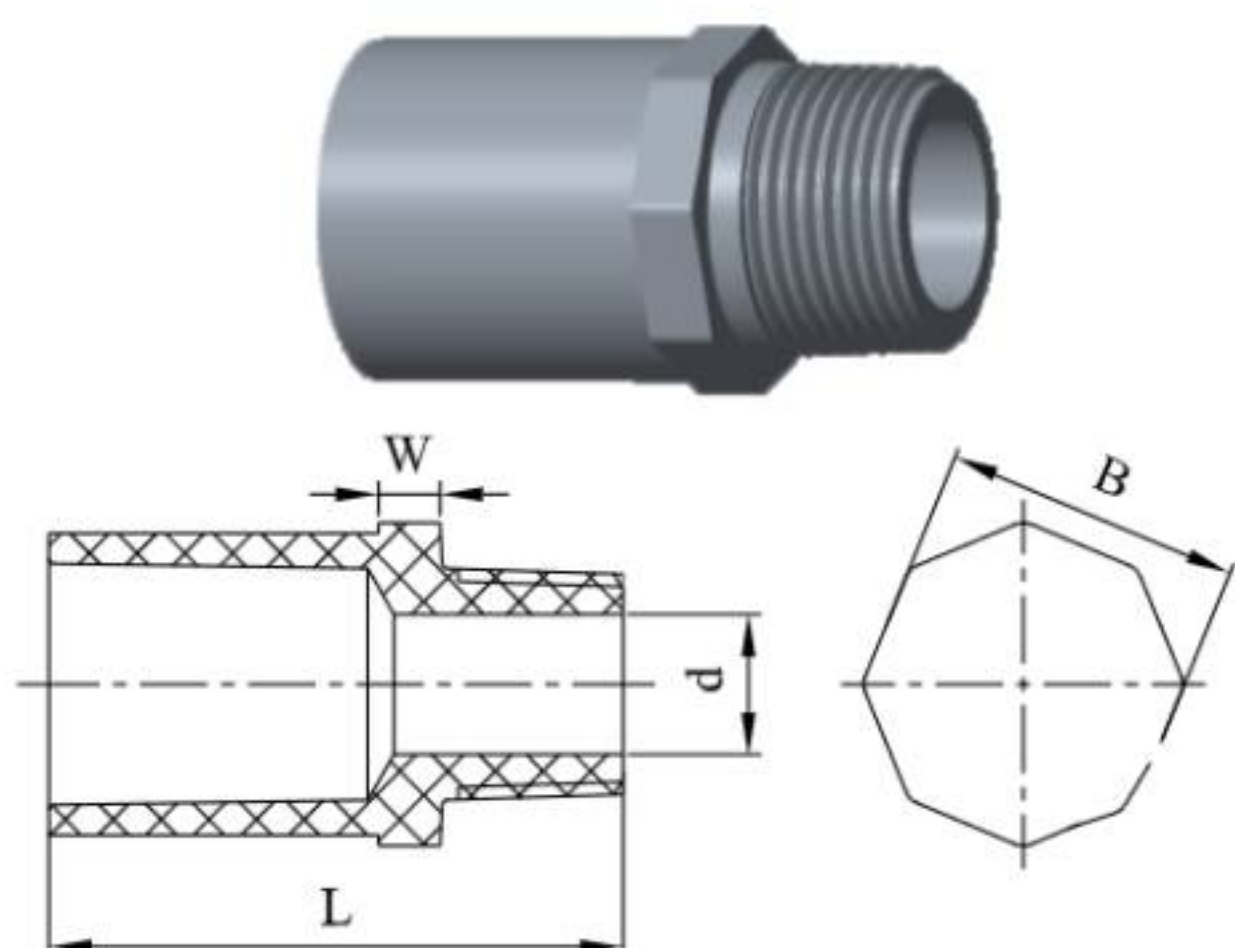
SAP Number	Size (mm)	H	Z	PCS /CTN
8010024356	1/2"	43	13	180
8010024192	3/4"	50	15	125
8010024357	1"	58	18	75
8010024358	1-1/4"	69	23.5	48
8010024359	1-1/2"	82	27	72
8010024360	2"	96	33	48
8010024361	2-1/2"	110	47	24
8010024362	3"	120	56	15
8010024363	4"	152	68	8
8011021681	5"	187	83	5
8010024982	6"	230	98	2
8011021687	8"	257.5	112.5	3
8011021688	10"	300	145	1
8011021823	12"	345	170	1

Reducing Tee (AW)



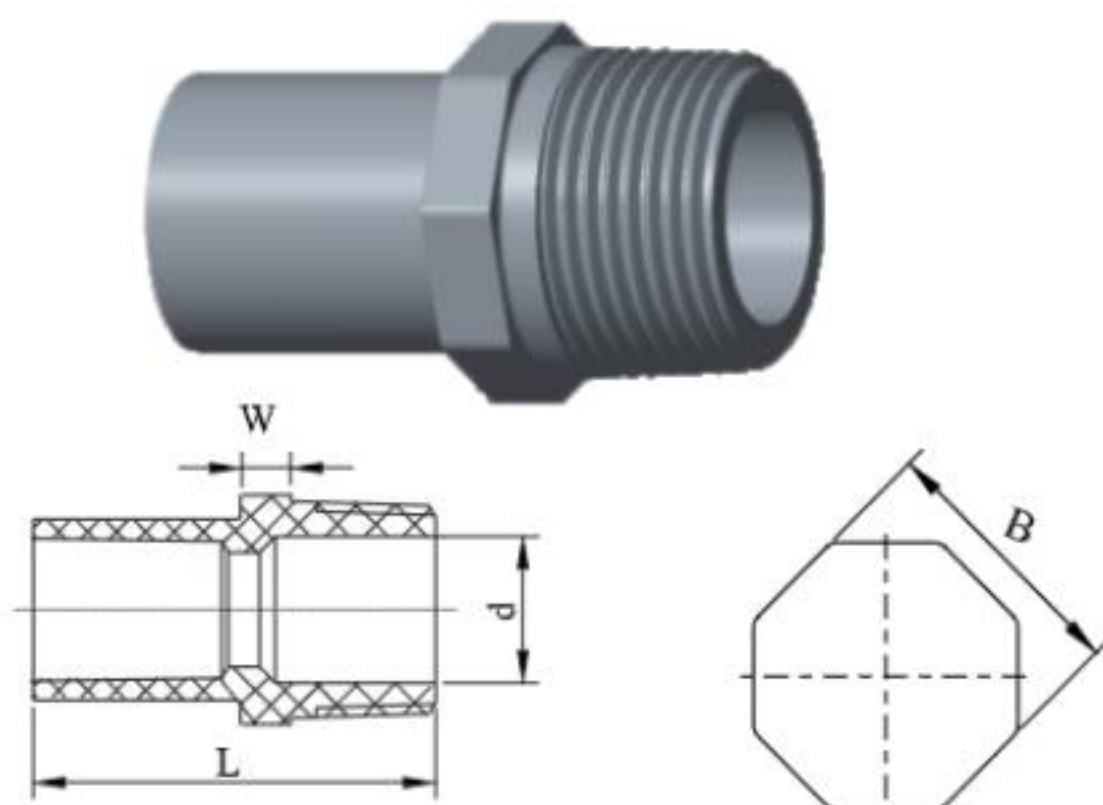
SAP Number	Size (mm)	H	H1	Z	Z1	PCS /CTN
8010024440	3/4"×1/2"	48	45	13	15	150
8010024324	1"×1/2"	53	48	13	18	100
8010024368	1"×3/4"	55	53	15	18	100
8010024369	1-1/4"×1/2"	59	54	13.5	24	60
8010024414	1-1/4"×3/4"	60.5	59	15	24	60
8010024444	1-1/4"×1"	64	63	18.5	23	54
8010024370	1-1/2"×1/2"	68	57	13	27	48
8010024371	1-1/2"×3/4"	70	62	15	27	42
8010024372	1-1/2"×1"	73	67	18	27	39
8010024373	1-1/2"×1-1/4"	78	73	23	27.5	75
8010024374	2"×1/2"	76	63	13	33	72
8010024375	2"×3/4"	78	68	15	33	72
8010024376	2"×1"	81	73	18	33	60
8010024377	2"×1-1/4"	86	79	23	33.5	50
8010024378	2"×1-1/2"	90	88	27	33	48
8010024415	3"×2"	105	110	41	47	20

Valve Socket (AW)



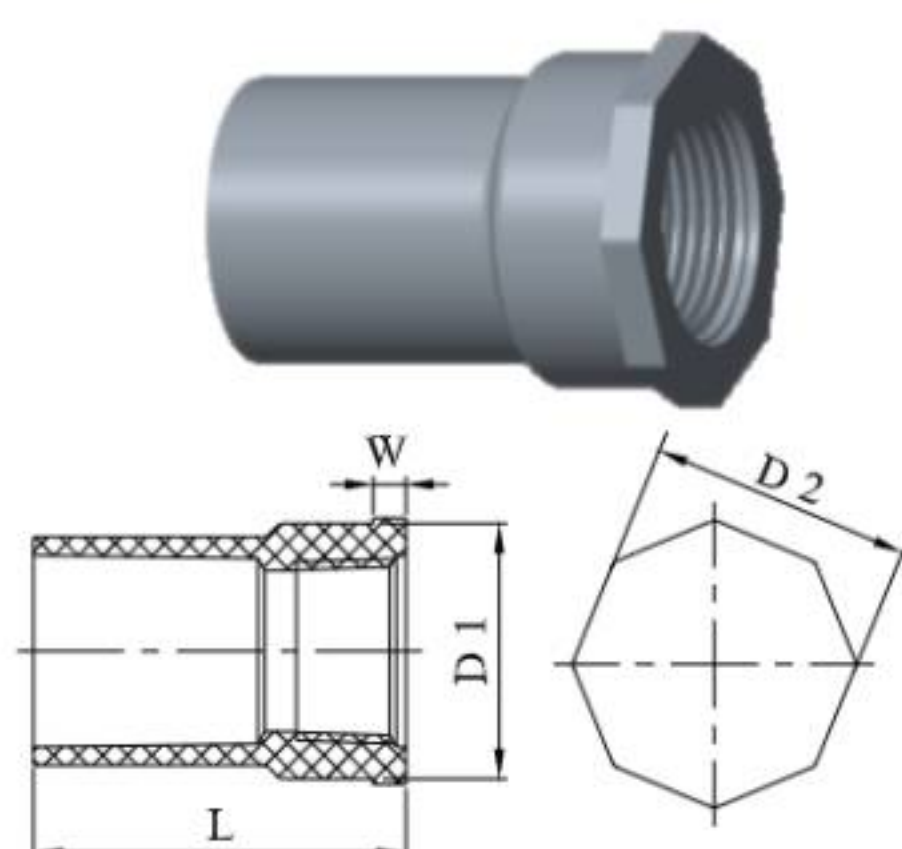
SAP Number	Size (mm)	L	W	d	B	PCS /CTN
8010024411	1/2"	54	6	13	28.4	525
8010024659	3/4"	64	8	18	33	300
8010024412	1"	71	8	23	39.3	180
8010024660	1-1/4"	80	10	31	49.3	130
8010024367	1-1/2"	92	10	37	56.2	120
8010024442	2"	106	12	48	70	150
8010024810	3"	127	16	75	101	24
8010024443	4"	157	18	98	129	24

Valve Socket (AW)



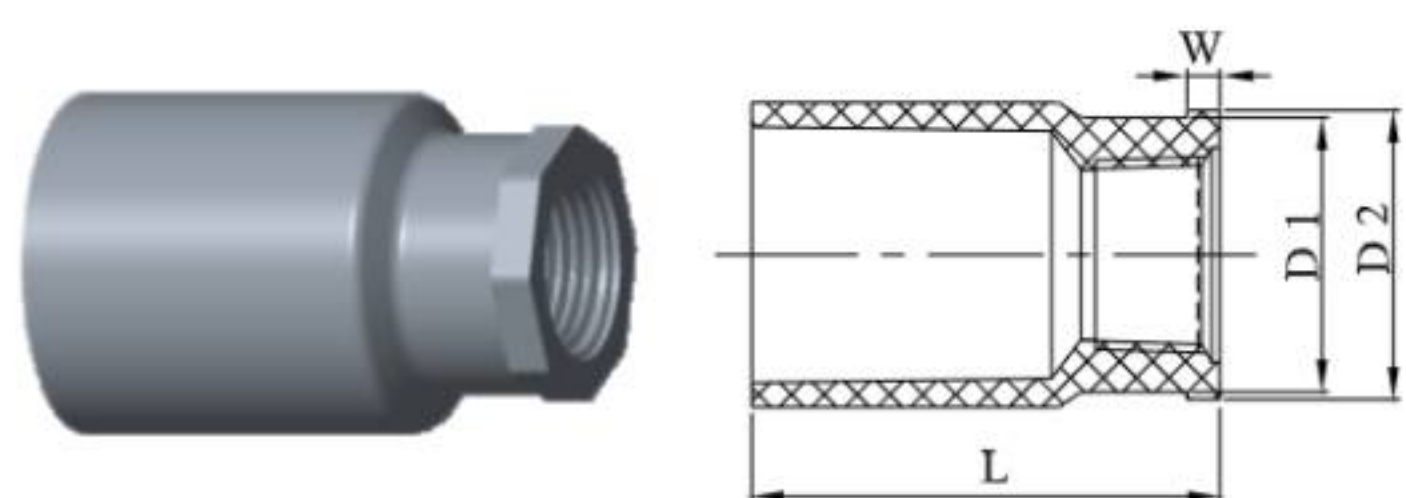
SAP Number	Size (mm)	L	W	d	B	PCS /CTN
8010024658	3/4"×1/2"	59	6	13	34	360
8010024561	1/2"×1"	64	8	23	36	300
8010024549	3/4"×1"	64	8	23	36	270

Faucet Socket (AW)



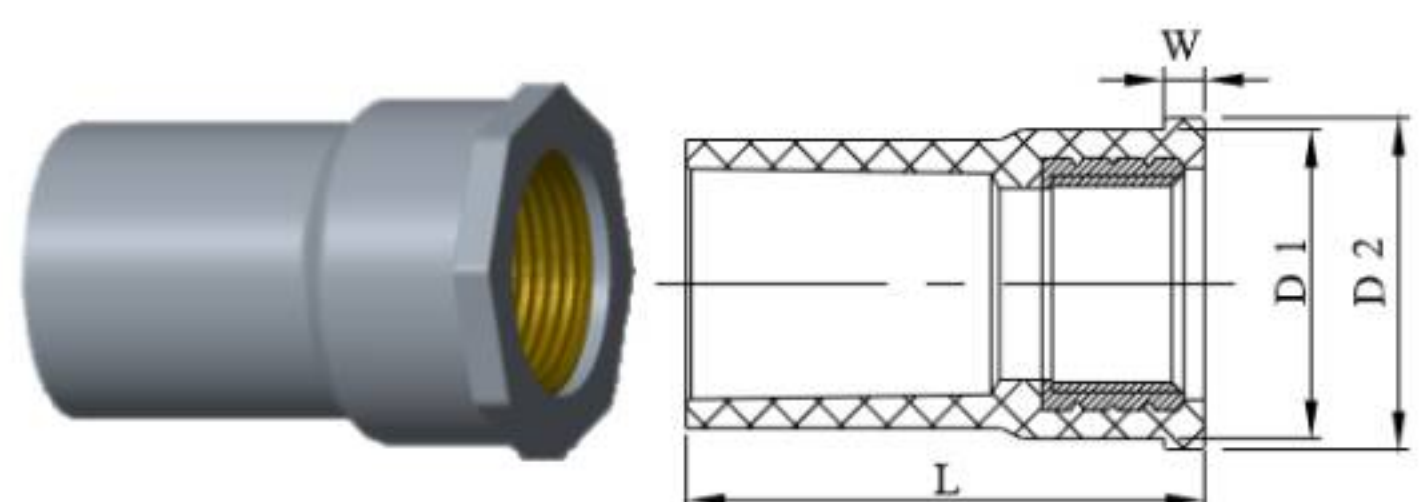
SAP Number	Size (mm)	L	W	D1	D2	PCS /CTN
8010024365	1/2"	51	5	30	30	400
8010024323	3/4"	59	4.5	37	39	250
8010024423	1"	68	6	46	48	150
8010024366	1-1/4"	72	9	53	53	132
8010024321	1-1/2"	84	10	58	58	96
8010024322	2"	99	12	73	73	54

Faucet Socket (AW)



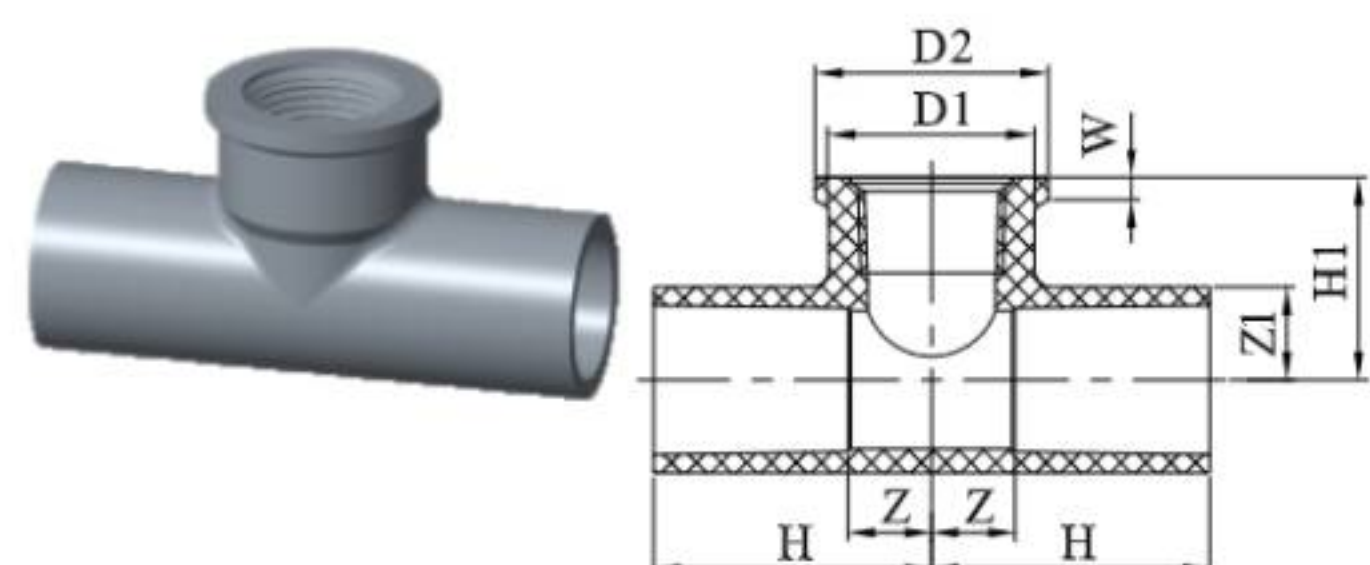
SAP Number	Size (mm)	L	W	D1	D2	PCS /CTN
8010024876	3/4"×1/2"	55	2	22.5	30	300
8010024408	1"×1/2"	63	2	22.5	30	240
8010024548	1/2"×1"	60	6	34.5	46	250
8010024320	3/4"×1"	64	6	35.5	46	200

Faucet Socket With Metal Insert (AW)



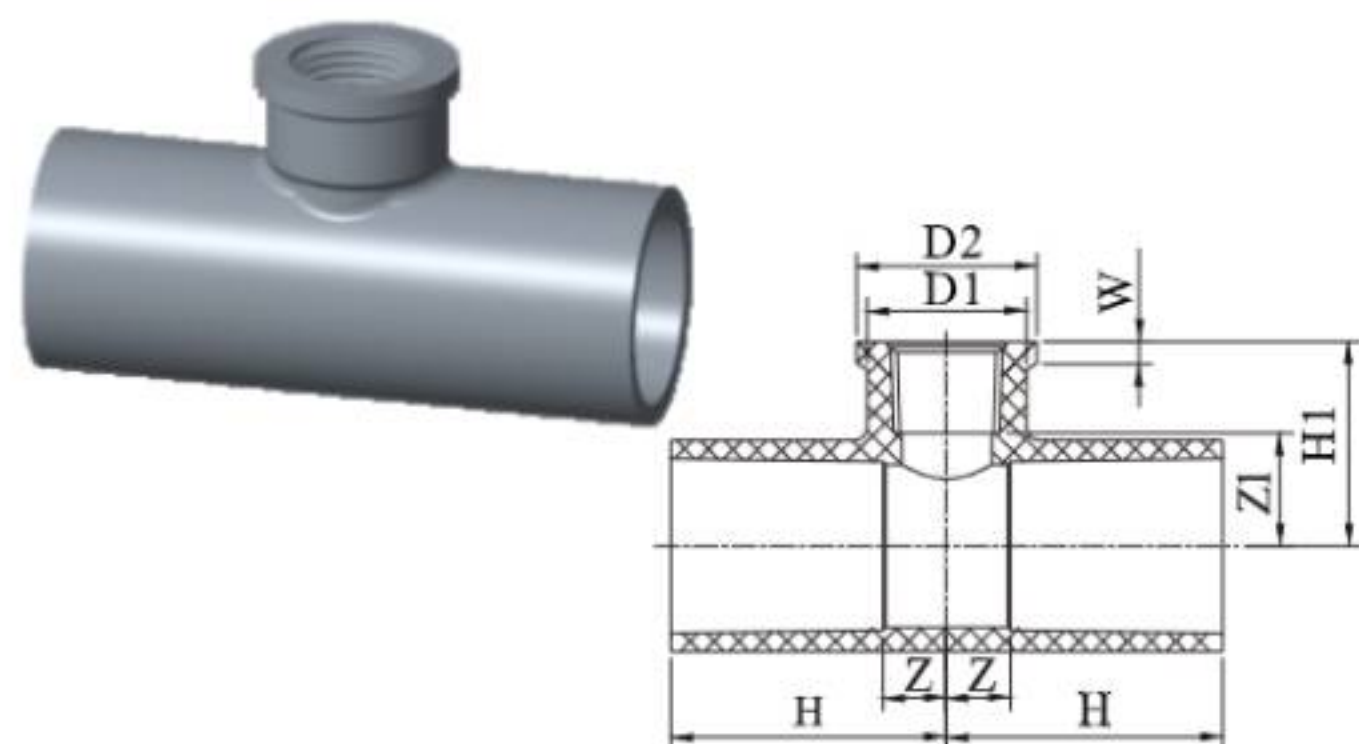
SAP Number	Size (mm)	L	W	D1	D2	PCS /CTN
8010024389	1/2"	51	4	22.5	30	300
8010024197	3/4"	59	4.5	28	38.5	180
8010024198	3/4"×1/2"	57	4	22.5	30	240

Faucet Tee (AW)



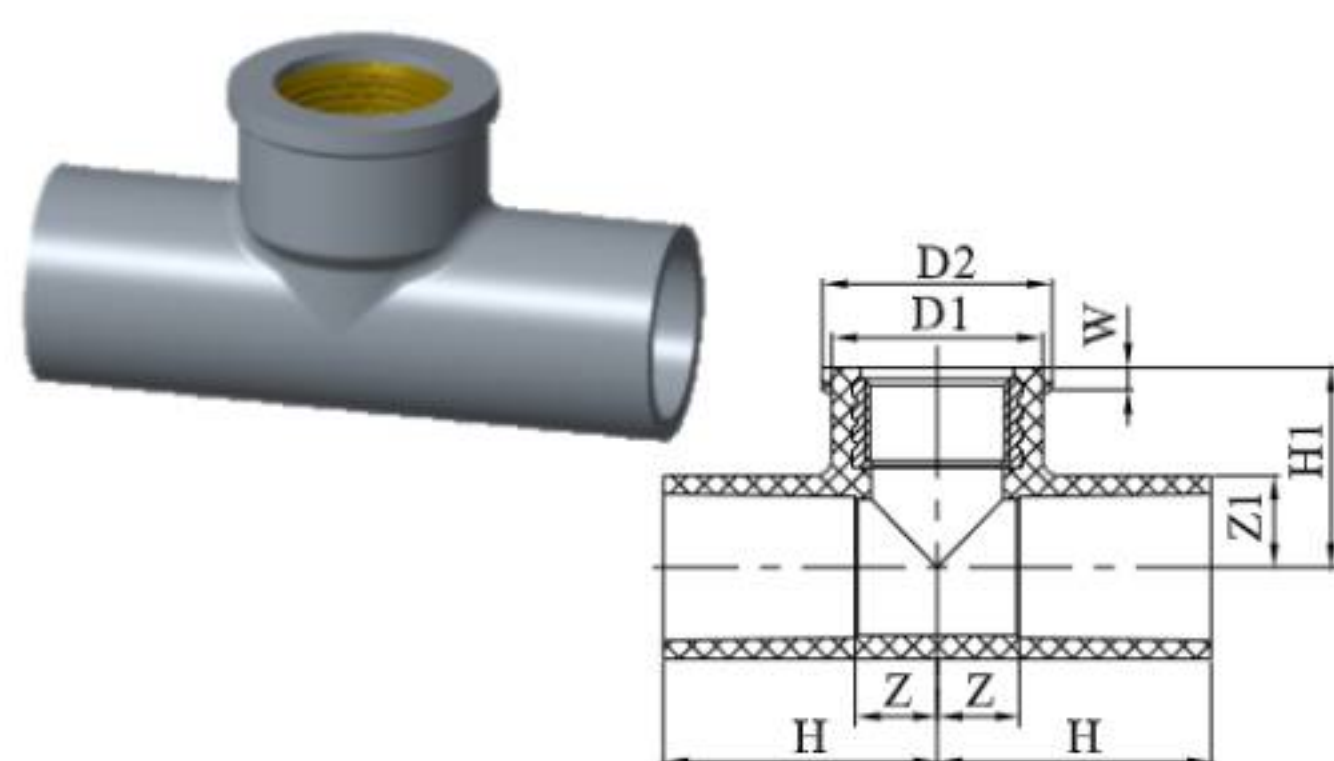
SAP Number	Size (mm)	Z	Z1	W	H	H1	D1	D2	PCS /CTN
8010024364	1/2"	10	15	2	43	32	30	34	204
8010024421	3/4"	15	17	2.5	50	36	37	42	125

Faucet Tee (AW)



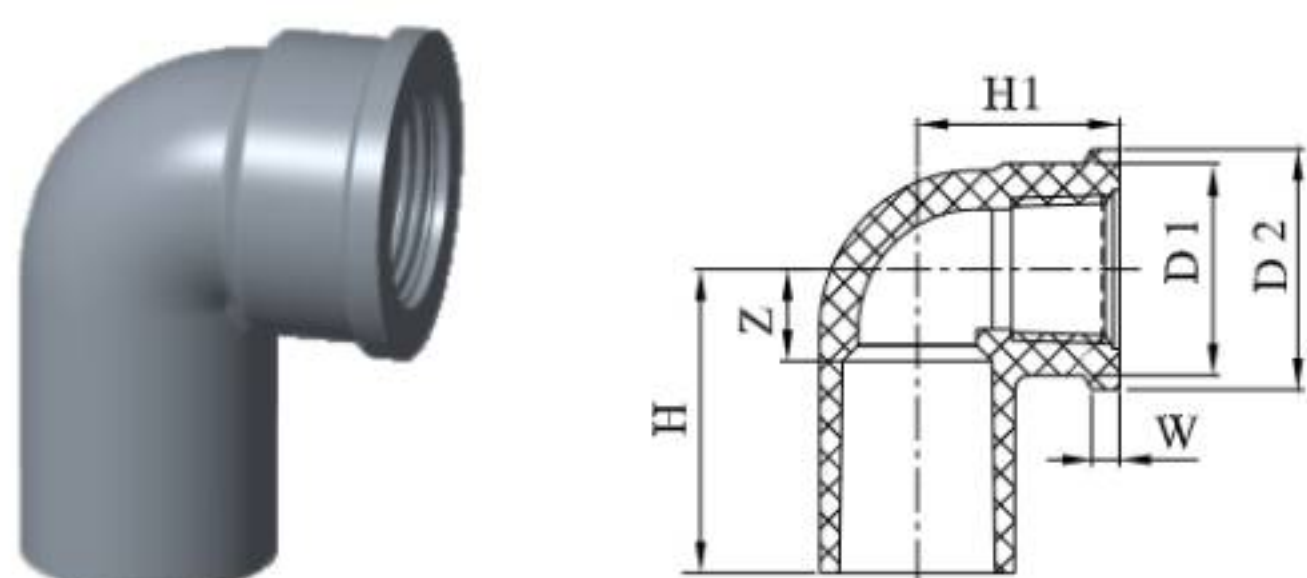
SAP Number	Size (mm)	Z	Z1	W	H	H1	D1	D2	PCS /CTN
8010024440	3/4"×1/2"	12	17	2	47	34	30	34	160
8010024422	1"×1/2"	12	21	2	52	38	30	34	108

Faucet Tee With Metal Insert (AW)



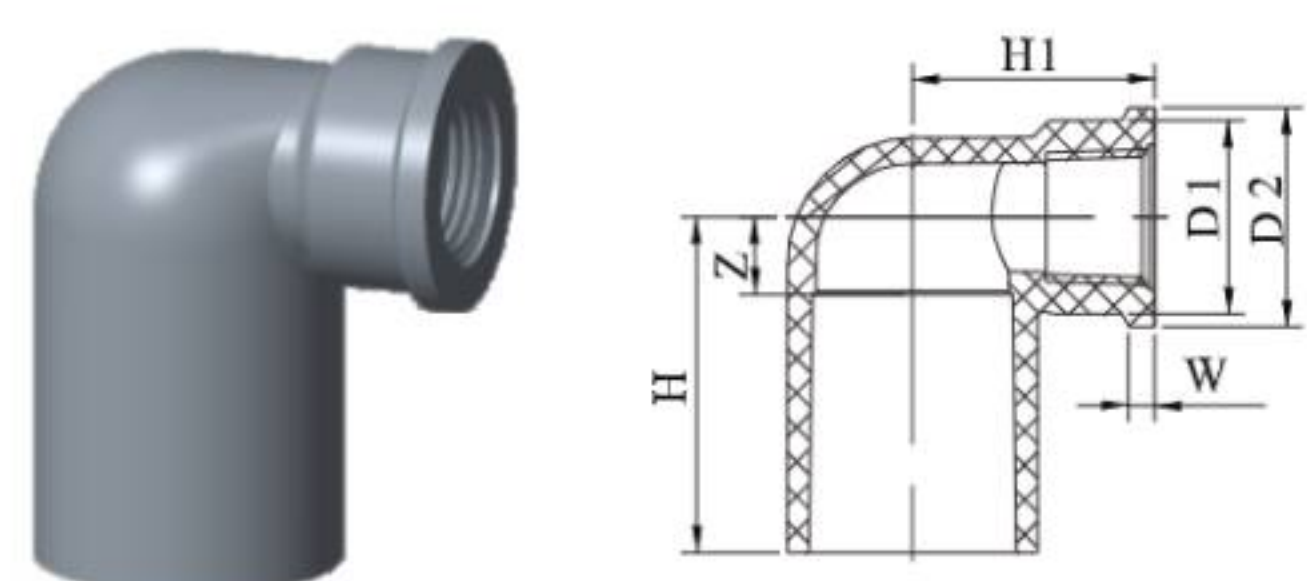
SAP Number	Size (mm)	Z	Z1	W	H	H1	D1	D2	PCS /CTN
8010024563	1/2"	13	14	4	43	30	30	33	120
8010024424	3/4"	15	18	4	50	36	38.5	42	90
8010024425	3/4"×1/2"	12	18	4	47	34	30	33	120

Faucet Elbow (AW)



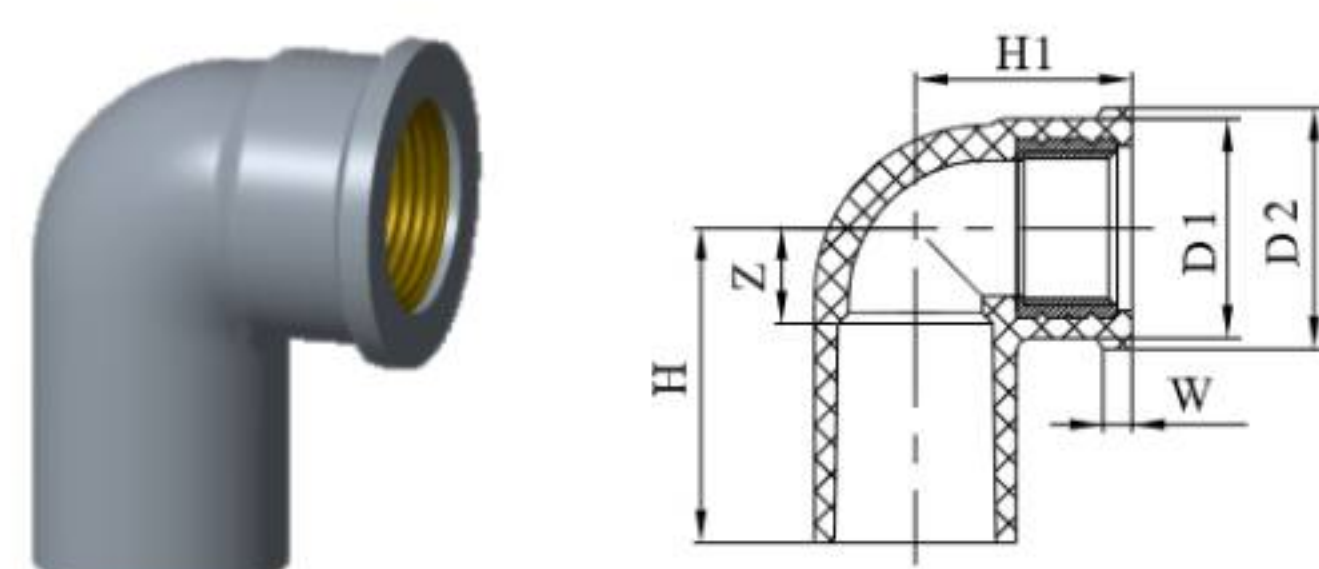
SAP Number	Size (mm)	Z	W	H	H1	D1	D2	PCS /CTN
8010024875	1/2"	13	4	43	30	30	34	300
8010024806	3/4"	15	4	50	36	37	42	200
8010024562	1"	21	5	61	43	46	50	120

Faucet Elbow (AW)



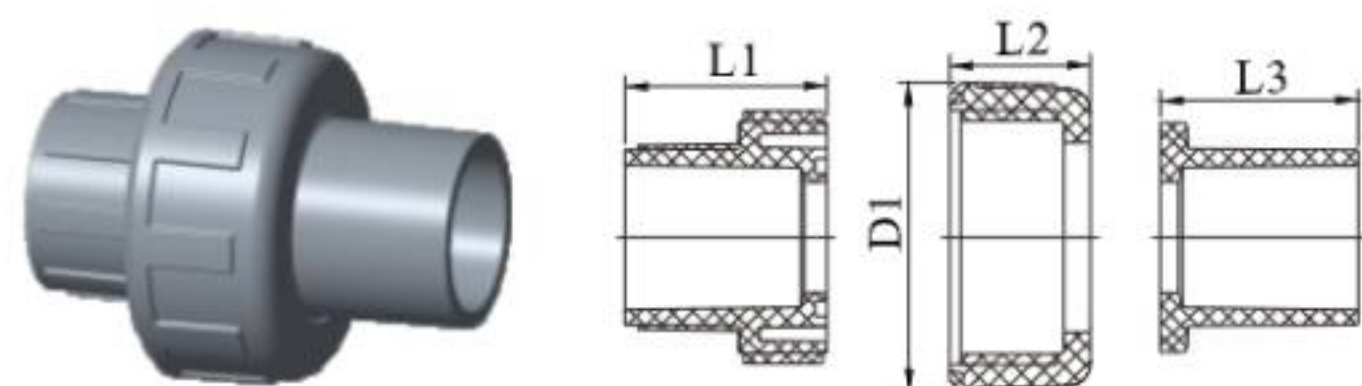
SAP Number	Size (mm)	Z	W	H	H1	D1	D2	PCS /CTN
8010024807	3/4"×1/2"	12	2	47	34	30	34	250
8010024808	1"×1/2"	12	2	52	38	30	34	160

Faucet Elbow With Metal Insert (AW)



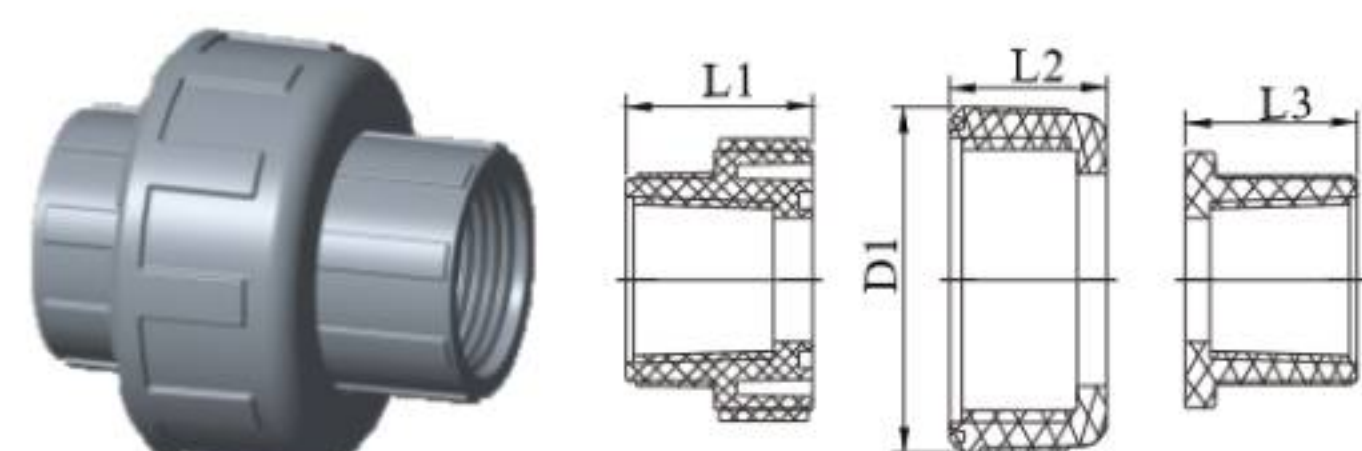
SAP Number	Size (mm)	Z	W	H	H1	D1	D2	PCS /CTN
8010024449	1/2"	13	4	43	30	30	33	240
8010024418	3/4"	15	4	50	36	37	42	120
8010024426	3/4"×1/2"	12	4	47	34	30	33	180

Union Socket (AW)



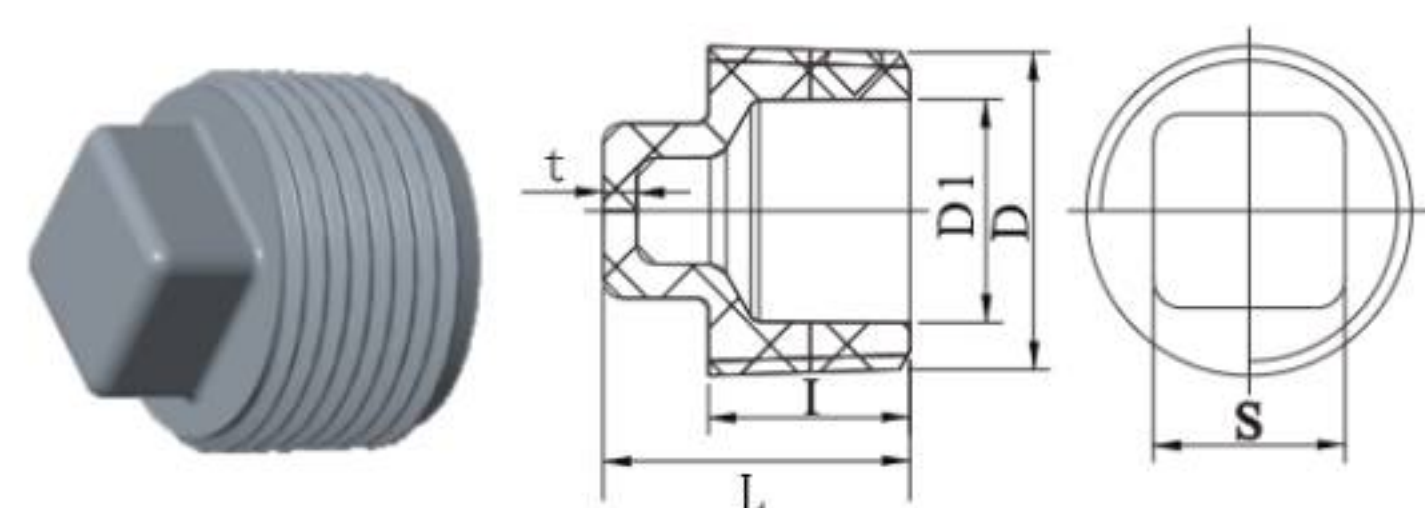
SAP Number	Size (mm)	L1	L2	L3	D1	PCS /CTN
8010024553	1/2"	35	28	34	56	150
8010024813	3/4"	41	30	39	62	100
8010024419	1"	46	32	45	69.5	60
8010024450	1-1/4"	53	36	53	84.4	46
8010024420	1-1/2"	63	39	63	96.4	30

Union Threaded (AW)



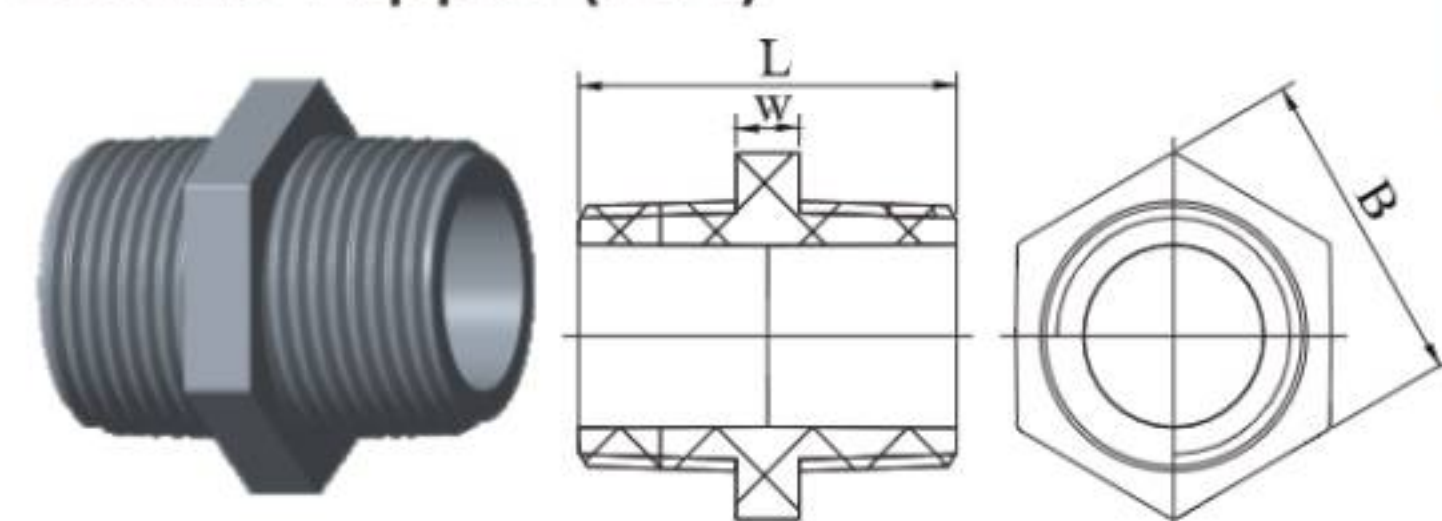
SAP Number	Size (mm)	L1	L2	L3	D1	PCS /CTN
8010024554	1/2"	32.5	28	31	56	150
8010024949	3/4"	33	30	30	62	125
8010024814	1"	38	32	35	69.5	80
8010024451	1-1/4"	42	36	37	84.4	50
8010024452	1-1/2"	48	39	41	96.4	40

Plug (AW)



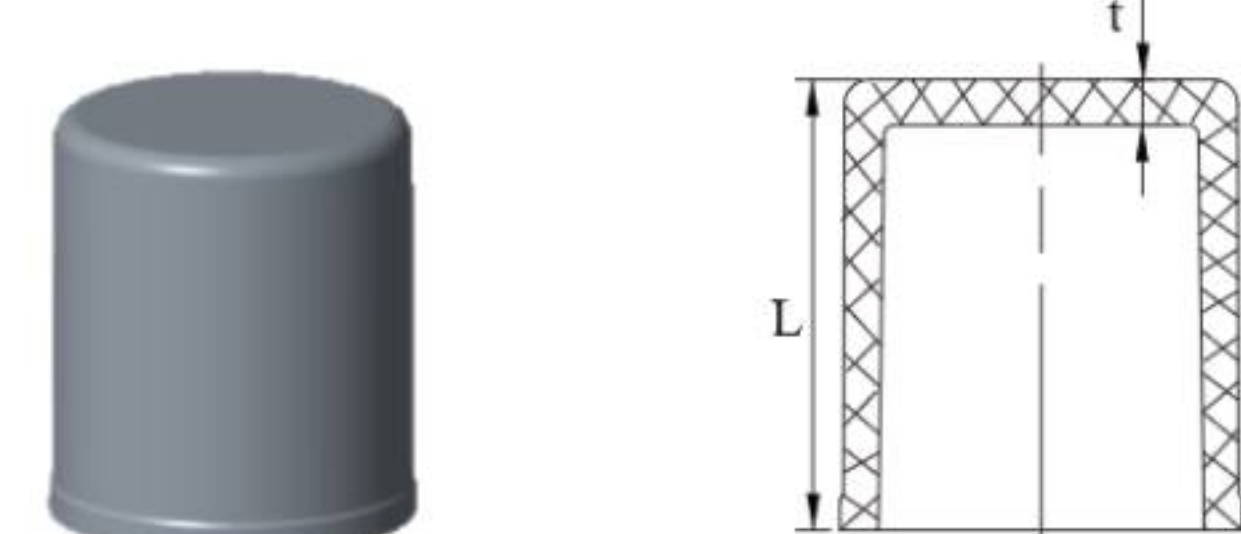
SAP Number	Size (mm)	L	I	D	D1	PCS /CTN
8010024809	1/2"	25.5	16.6	R1/2"	13	2500
8010024877	3/4"	28	18.7	R3/4"	18	1200
8010024878	1"	32	21	R1"	23	750

Double Nipple (AW)



SAP Number	Size (mm)	L	W	B	PCS /CTN
8010024409	1/2"	38	6	24	1000
8010024410	3/4"	42	8	33	450
8010024441	1"	48	8	40	300

Cap (AW)



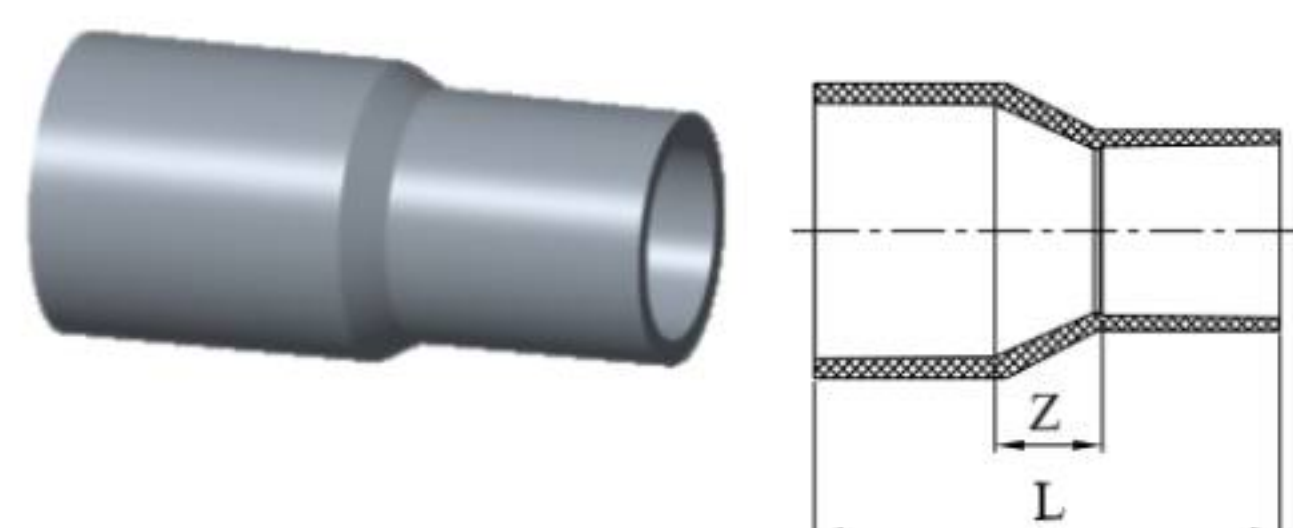
SAP Number	Size (mm)	L	PCS /CTN
8010024405	1/2"	34	800
8010024406	3/4"	39.2	480
8010024547	1"	45.5	300
8010024407	2"	68.8	72
8010024439	3"	71.65	80
8010024663	4"	93.55	36

Flange PVC (AW)



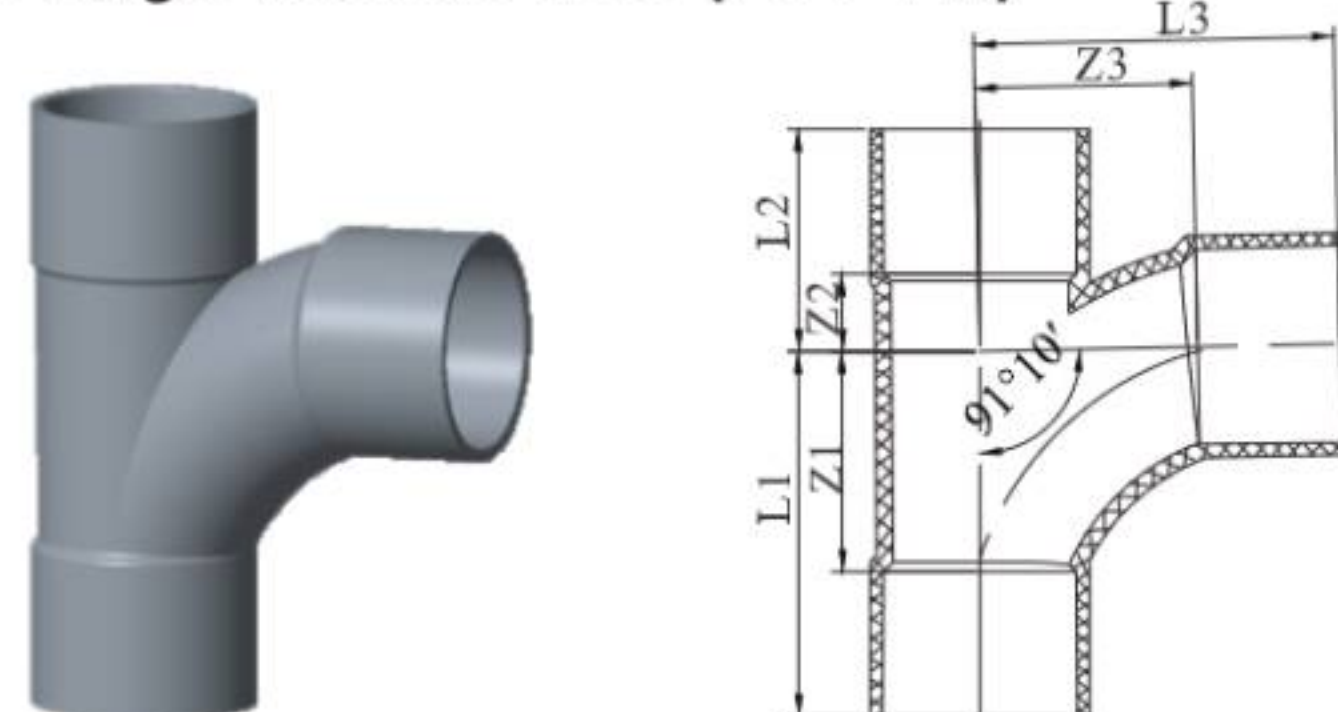
SAP Number	Size (mm)	L	B	D	D1	D2	D3	PCS /CTN
8010024802	2"	70	16	55	155	120	18	25
8010024803	3"	75	21	85	200	160	18	10
8010024804	4"	95	22	107	212	180	18	18
8010024805	6"	144	23	154	285	240	22	6

Reducing Socket (AW)



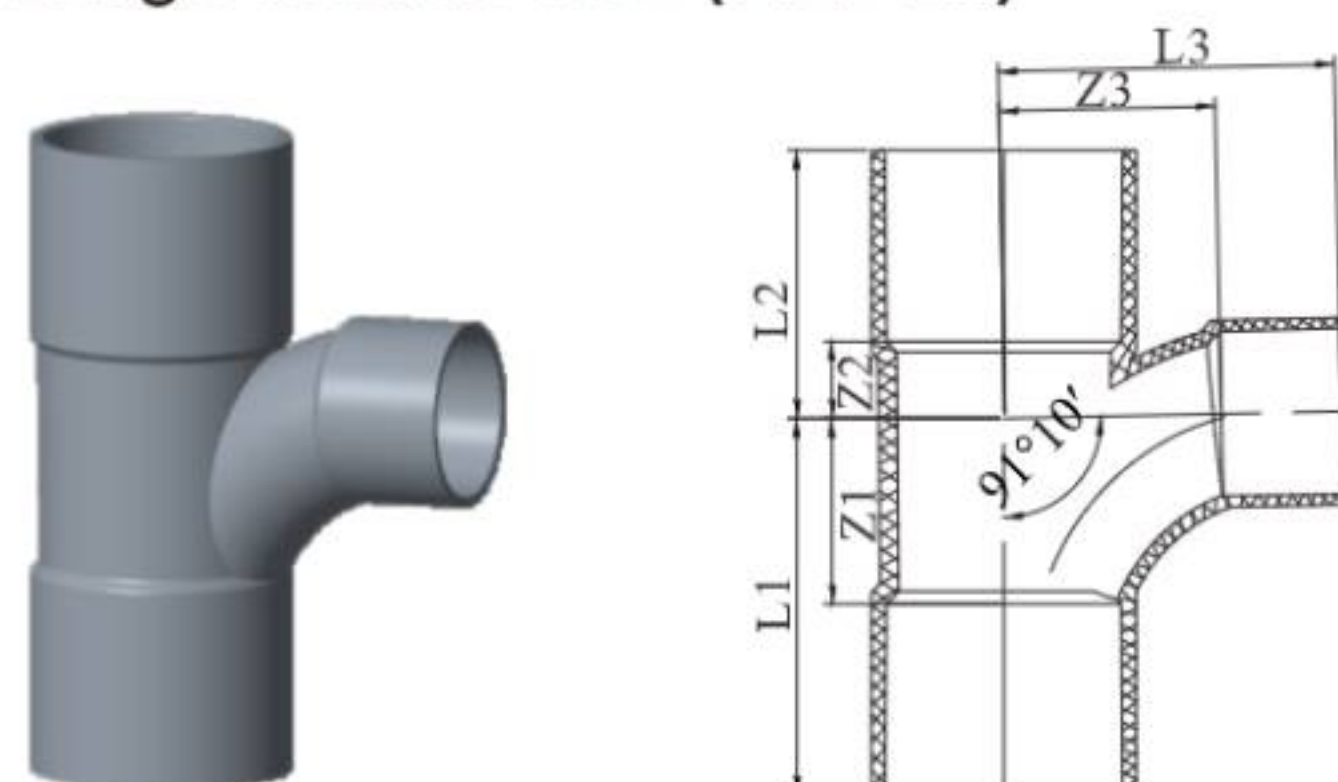
SAP Number	Size (mm)	L	Z	PCS /CTN
8010024193	3/4"×1/2"	71	6	300
8010024416	1"×1/2"	84	14	200
8010024194	1"×3/4"	84	9	180
8010024379	1-1/4"×1/2"	99	23.5	180
8010024326	1-1/4"×3/4"	93	12.5	180
8010024195	1-1/4"×1"	93	7.5	120
8010024325	1-1/2"×1/2"	110	25	90
8010024196	1-1/2"×3/4"	114	24	84
8010024380	1-1/2"×1"	114	19	108
8010024381	1-1/2"×1-1/4"	114	13.5	70
8010024417	2"×1/2"	136	43	60
8010024445	2"×3/4"	136	37	120
8010024661	2"×1"	136	30	120
8010024662	2"×1-1/4"	125	16	60
8010024446	2"×1-1/2"	136	15	60
8010024382	3"×2"	165	35	60
8010024811	4"×1-1/2"	199	57	24
8010024383	4"×2"	182	32	24
8010024384	4"×3"	190	42	24
8010024385	6"×3"	275	79	6
8010024447	6"×4"	295	79	6
8011021689	8"×6"	350	73	3
8011021690	10"×8"	420	120	4
8011021691	12"×10"	720	90	4

Large Radius Tee (AW-LT)



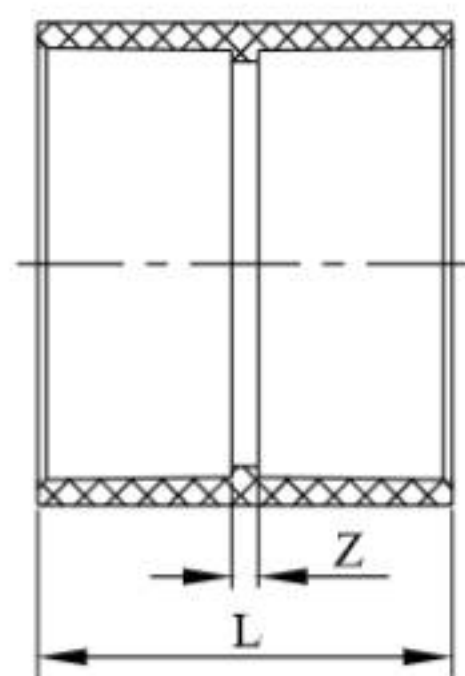
SAP Number	Size (mm)	L1	L2	L3	Z1	Z2	Z3	PCS /CTN
8010025106	4"	341	129	212	128	45	128	5

Large Radius Tee (AW-LT)



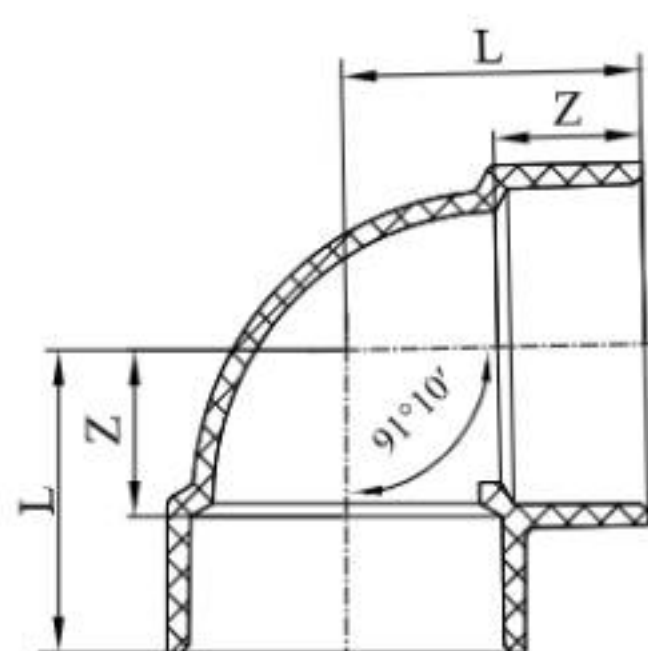
SAP Number	Size (mm)	L1	L2	L3	Z1	Z2	Z3	PCS /CTN
8010025107	4×2"	150	116	153	66	32	90	11
8010025487	6×4"	260	185	236	128	53	152	2

Socket (D-DS)



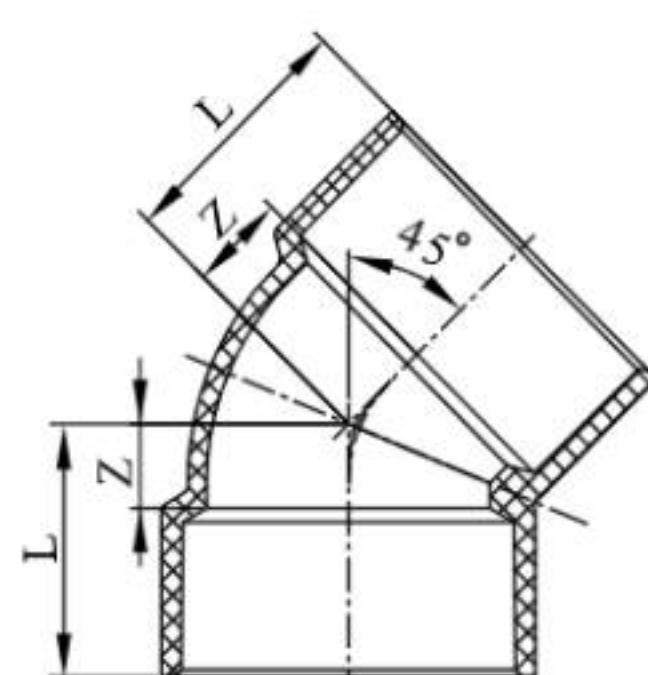
SAP Number	Size (mm)	L	Z	PCS /CTN
8020022639	1-1/4"	39	3	280
8020022808	1-1/2"	47	3	210
8020022667	2"	53	3	120
8020022624	2-1/2"	73	3	60
8020022668	3"	84	4	72
8020022669	4"	104	4	36
8020022670	6"	164	4	12
8020026064	8"	215	5	4
8020026151	10"	255	5	2
8020026152	12"	285	5	1

Elbow (D-DT)



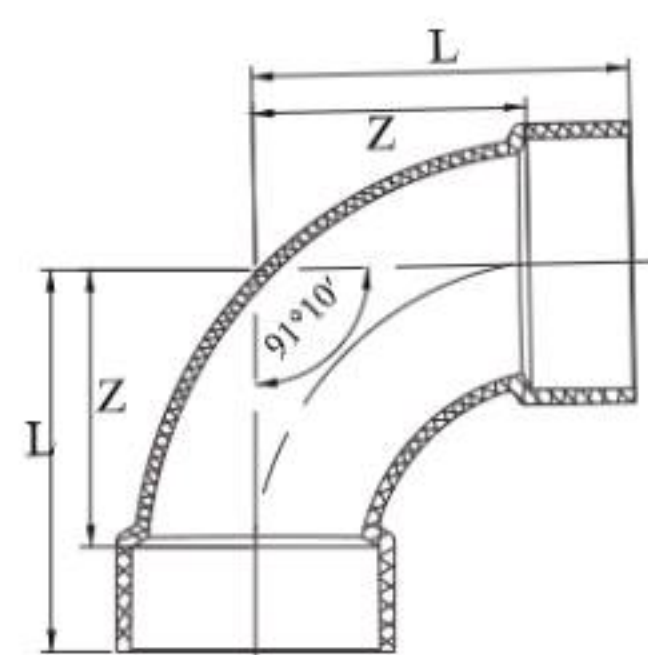
SAP Number	Size (mm)	L	Z	PCS /CTN
8020022746	1-1/4"	44	26	170
8020022760	1-1/2"	49	27	110
8020022822	2"	58	33	60
8020022619	2-1/2"	77	42	60
8020022650	3"	88	48	35
8020022806	4"	112	62	18
8020026128	5"	140	75	6
8020022807	6"	168	88	5
8020026144	8"	225	120	3
8020026145	10"	258.5	133.5	2
8020026146	12"	296.8	156.8	2

45° Elbow (D-45L)



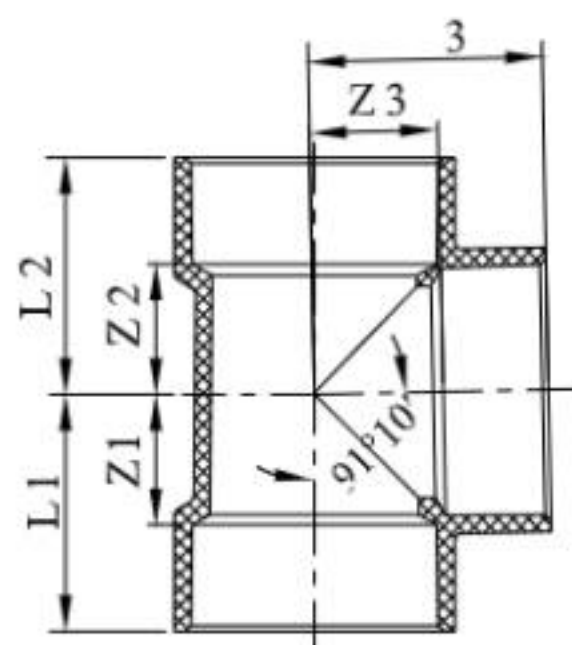
SAP Number	Size (mm)	L	Z	PCS /CTN
8020022805	1-1/4"	30	12	220
8020022754	1-1/2"	36	14	140
8020022742	2"	43	18	70
8020022618	2-1/2"	57	22	75
8020022755	3"	65	25	40
8020022756	4"	80	30	21
8020026126	5"	103	38	7
8020022757	6"	124	44	6
8020026127	8"	163.3	58.3	2
8020026142	10"	193.5	68.5	3
8020026143	12"	226.5	86.5	2

Large Radius Elbow (D-DLL)

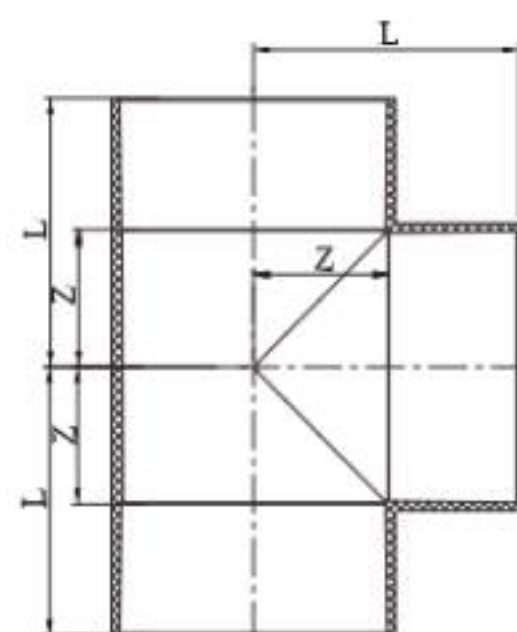


SAP Number	Size (mm)	L	Z	PCS /CTN
8020022759	1-1/4"	63	45	120
8020022649	2"	91	66	40
8020022789	3"	140	100	12
8020022744	4"	178	128	10
8020022745	6"	250	170	3

Tee (D-DT)

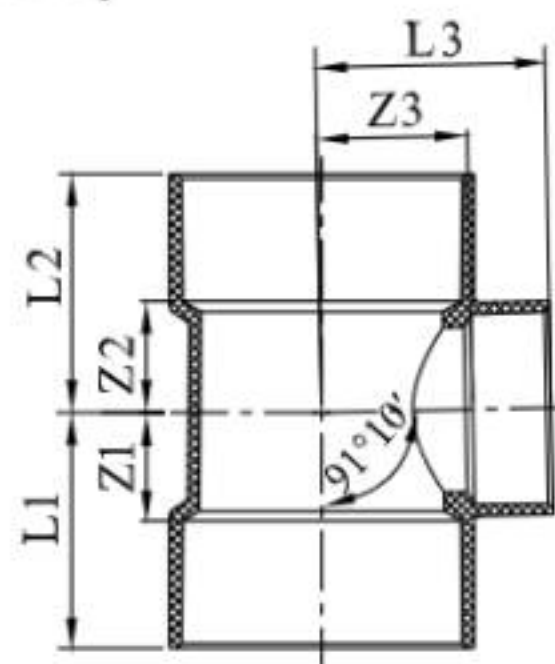


SAP Number	Size (mm)	L1	L2	L3	Z1	Z2	Z3	PCS /CTN
8020022651	1-1/4"	40	40	40	22	22	19.3	110
8020022652	1-1/2"	49	49	49	27	27	24.3	75
8020022784	2"	59	59	59	34	34	30.9	40
8020022628	2-1/2"	77	78	77	42	43	38.9	46
8020022761	3"	88	89	88	48	49	44.4	28
8020022653	4"	112	113	112	62	63	57.5	10
8020026063	5"	140	141	140	75	76	75	6
8020022638	6"	169	170	169	89	90	82.7	3

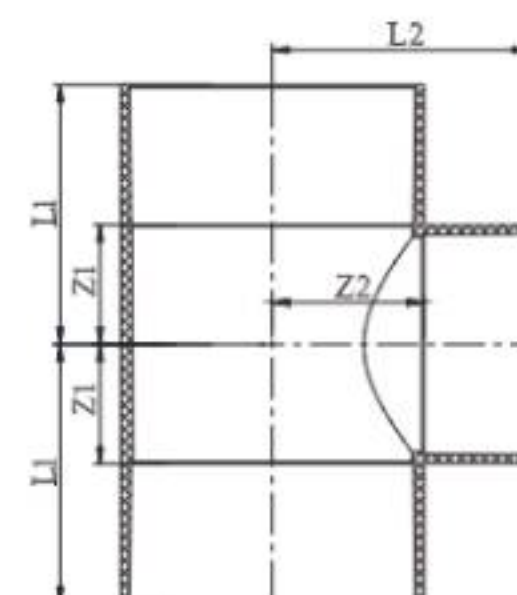


SAP Number	Size (mm)	L	Z	PCS /CTN
8020026147	8"	215	110	2
8020026148	10"	266	141	1
8020026176	12"	307	167	1

Reducing Tee (D-DT)

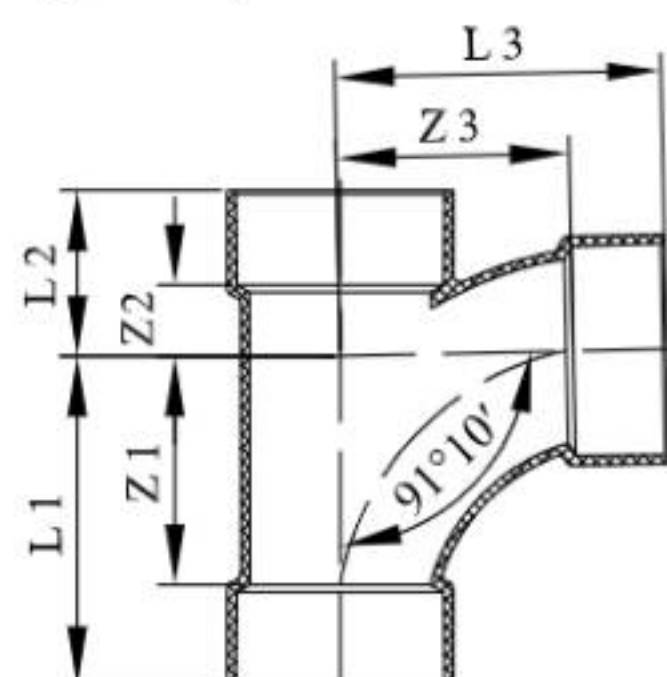


SAP Number	Size (mm)	L1	L2	L3	Z1	Z2	Z3	PCS /CTN
8020022747	3"×1-1/2"	67	68	70	27	28	48	40
8020022762	3"×2"	74	75	73	34	35	48	38
8020022763	3"×2-1/2"	82	83	83	42	43	48	30
8020022823	4"×2"	84	85	87	34	35	62	20
8020022815	4"×3"	98	99	102	48	49	62	16
8020022847	6"×4"	142	144	138	62	64	88	5



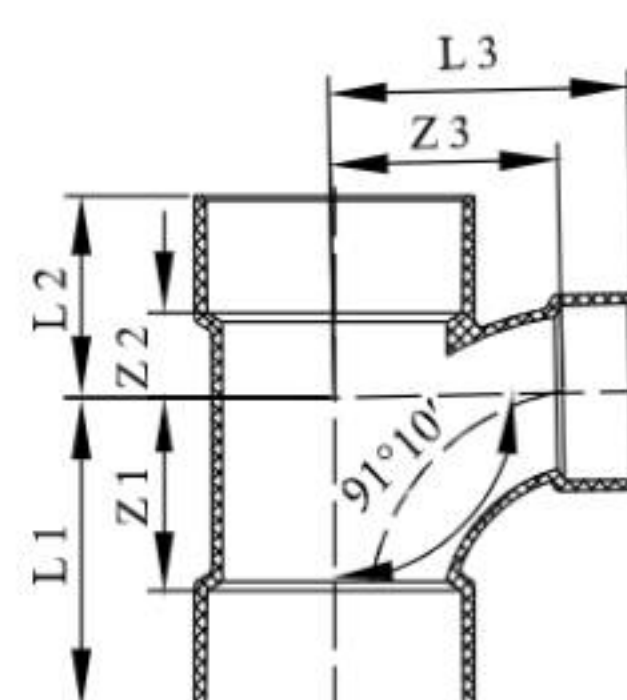
SAP Number	Size (mm)	L1	L2	Z1	Z2	PCS /CTN
8020025899	8"×6"	194.5	195	89.5	115	2
8020026149	10"×8"	240.5	246	115.5	141	2
8020026150	12"×10"	281	292	141	167	1

Large Radius Tee (D-LT)



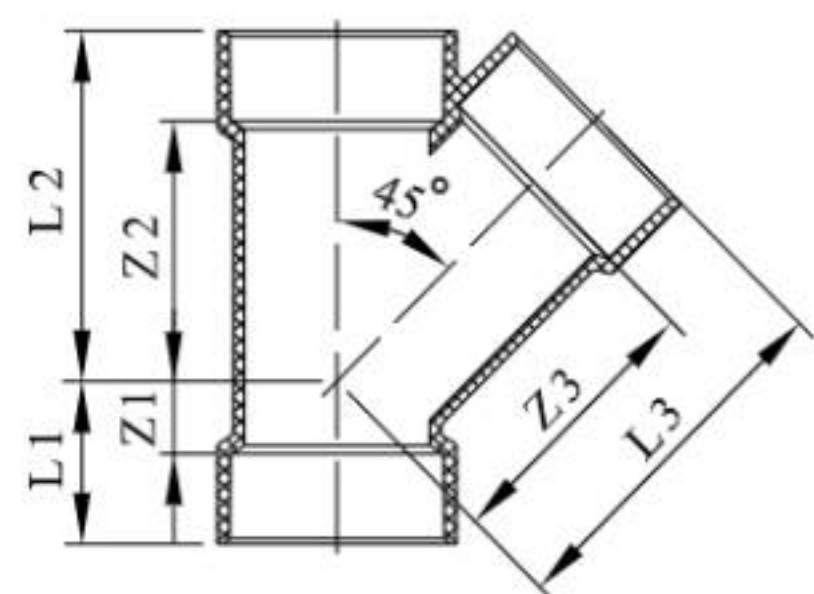
SAP Number	Size (mm)	L1	L2	L3	Z1	Z2	Z3	PCS /CTN
8020022629	1-1/2"	74	45	74	52	23	52	50
8020022748	2"	91	51	91	66	26	66	60
8020022846	2-1/2"	125	68	125	90	33	90	28
8020022785	3"	140	70	140	100	30	100	18
8020022764	4"	178	95	178	128	45	128	8
8020022881	6"	250	145	250	170	65	170	2

Large Radius Tee (D-LT)



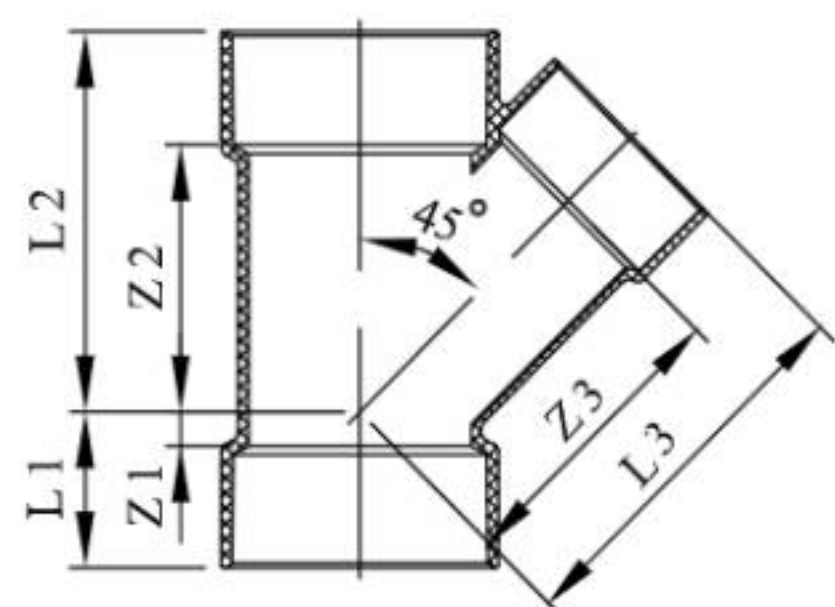
SAP Number	Size (mm)	L1	L2	L3	Z1	Z2	Z3	PCS /CTN
8020022765	1-1/2"×1-1/4"	59	42	60	37	20	42	70
8020022786	2"×1-1/2"	77	48	79	52	23	57	35
8020022787	2-1/2"×1-1/2"	87	59	88	52	24	66	45
8020022766	2-1/2"×2"	101	62	99	66	27	74	36
8020022749	3"×2"	106	69	104	66	29	79	25
8020022630	3"×2-1/2"	130	72	130	90	32	95	20
8020022655	4"×2"	116	82	115	66	32	90	20
8020022656	4"×3"	150	83	150	100	33	110	10
8020022750	6"×4"	208	133	202	128	53	152	3

Y Branch PVC (D)



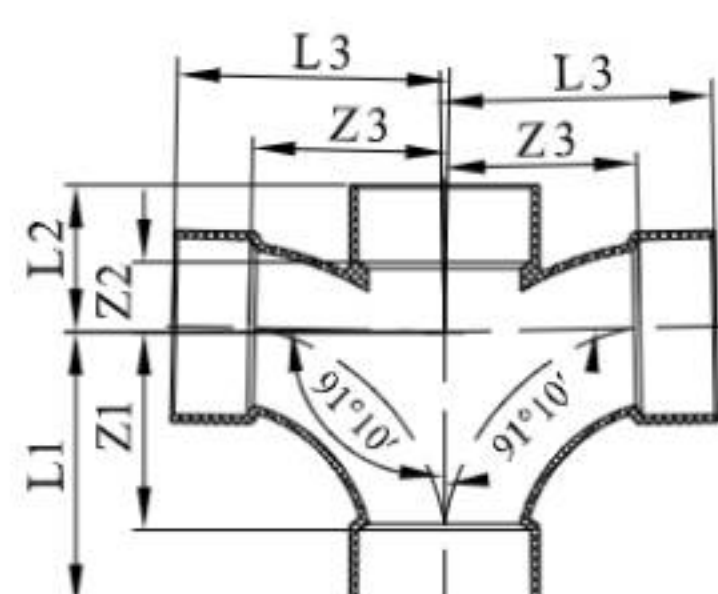
SAP Number	Size (mm)	L1	L2	L3	Z1	Z2	Z3	PCS /CTN
8020022813	2"	43	101	101	18	76	76	55
8020022821	3"	64	151.5	151.5	24	111.5	111.5	32
8020022790	4"	80	192.5	192.5	30	142.5	142.5	20
8020022636	6"	124	284	290	44	204	290	8
8020022648	1-1/2"	34	80	84	12	58	62	2

Y Branch PVC (D)



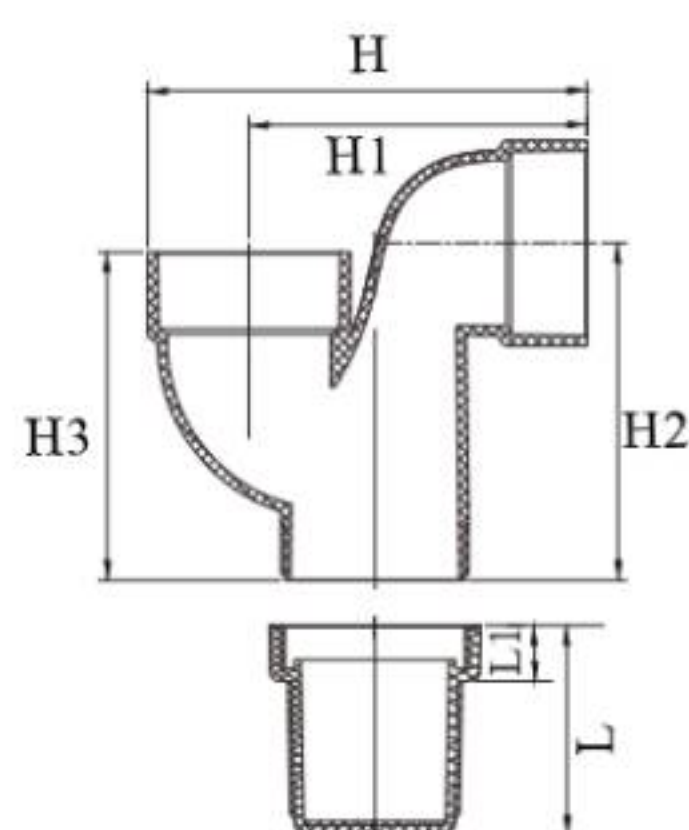
SAP Number	Size (mm)	L1	L2	L3	Z1	Z2	Z3	PCS /CTN
8020022814	1-1/2"x1-1/4"	30	76	79	8	54	57	65
8020022743	2"x1-1/4"	28	86	87	3	61	69	40
8020022940	3"x2"	43	126	123	3	86	98	30
8020022758	4"x2"	42	148	143	8	98	118	20
8020022791	4"x3"	69	168	172	19	118	132	10
8020022637	6"x4"	84	245	235	6	165	185	3

Large Radius Double Tee (D-WLT)



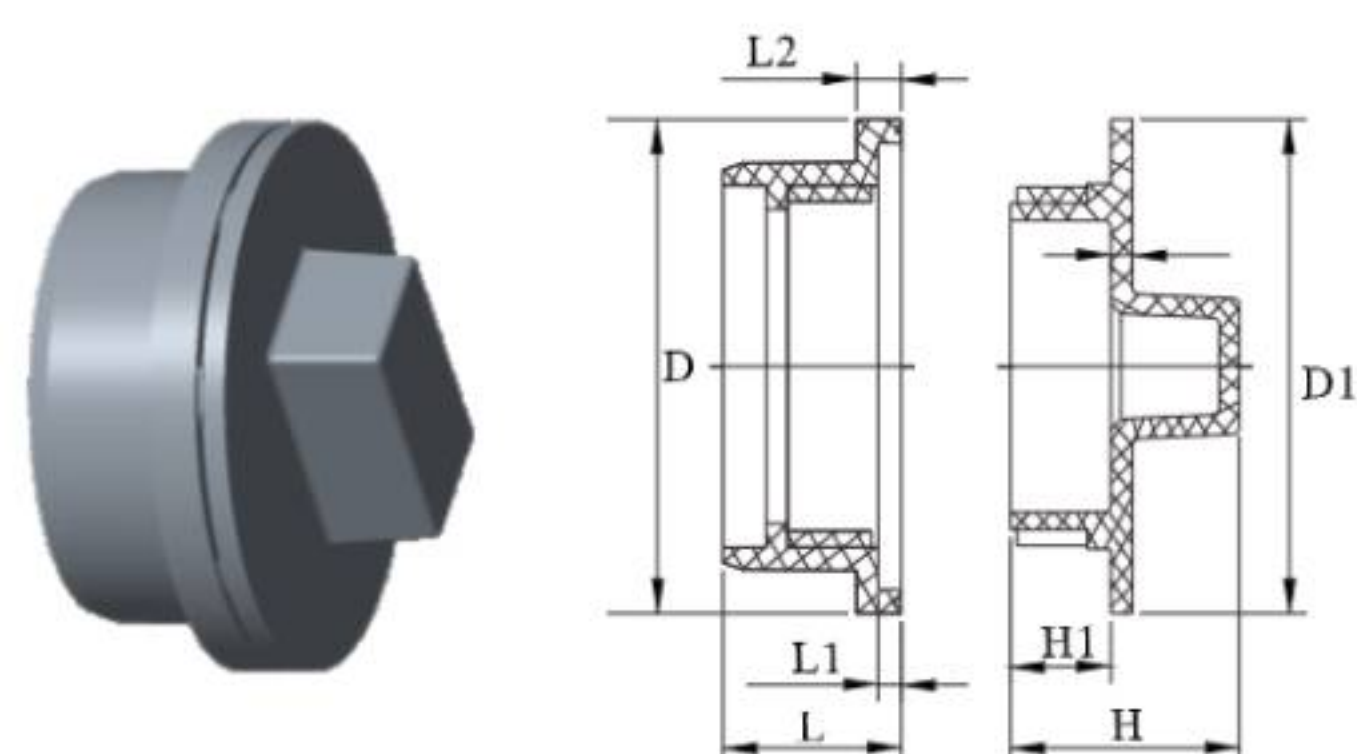
SAP Number	Size (mm)	L1	L2	L3	Z1	Z2	Z3	PCS /CTN
8020022631	2"x2"	90	51	91	66	26	63.73	20
8020022632	3"x2"	106	69	106	66	29	79	18
8020022824	4"x4"	178	95	178	128	45	124.04	5

P-Trap (D)



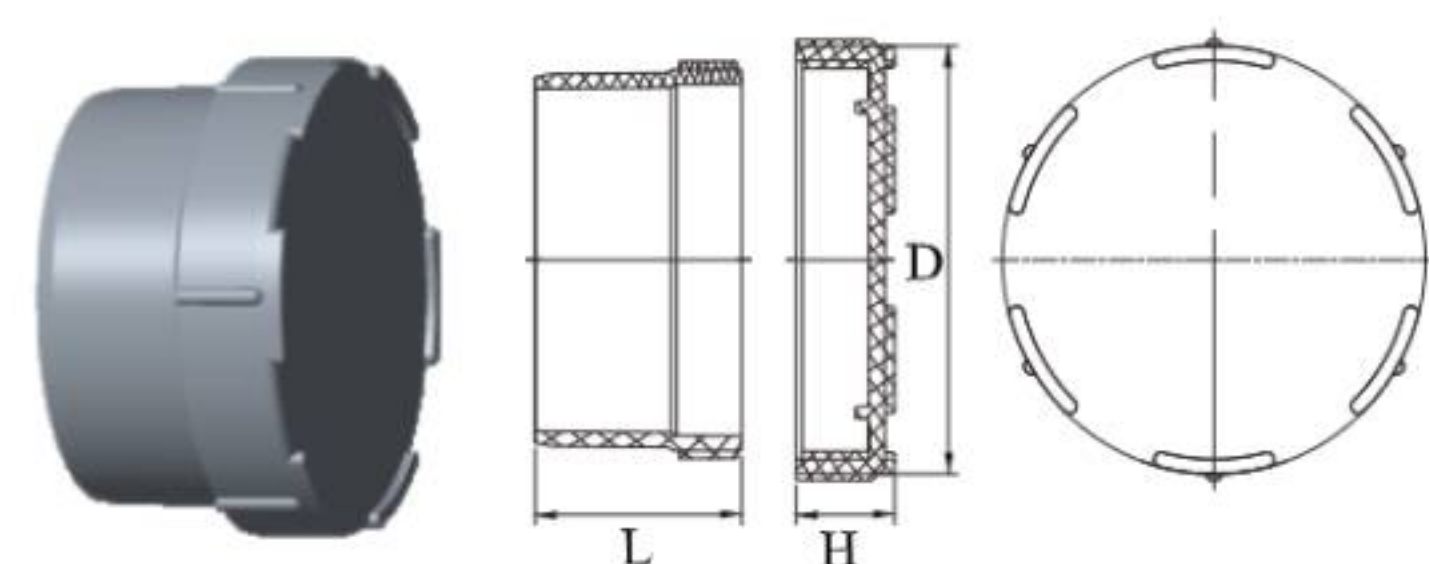
SAP Number	Size (mm)	L	L1	H	H1	H2	H3	PCS /CTN
8020022917	2"	68.5	18.2	145.2	111.7	110	107	45

Cleanout With Plug (D)



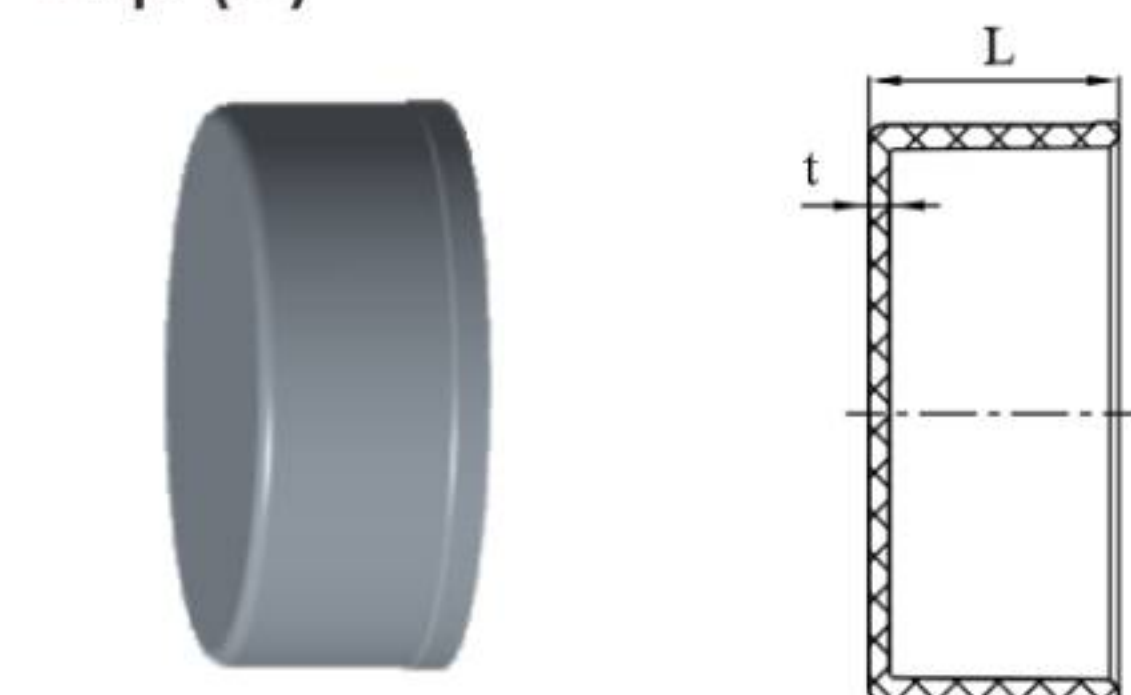
SAP Number	Size (mm)	L	L1	L2	H	H1	D	D1	PCS /CTN
8020022809	2"	26.7	3.5	6.7	34.2	15	73	73	150
8020022671	3"	39.1	3.5	7.1	42.5	20.5	102.5	102.5	60
8020022672	4"	49	3.5	8	53	28.5	128	128	30

Cleanout With Cap (D)



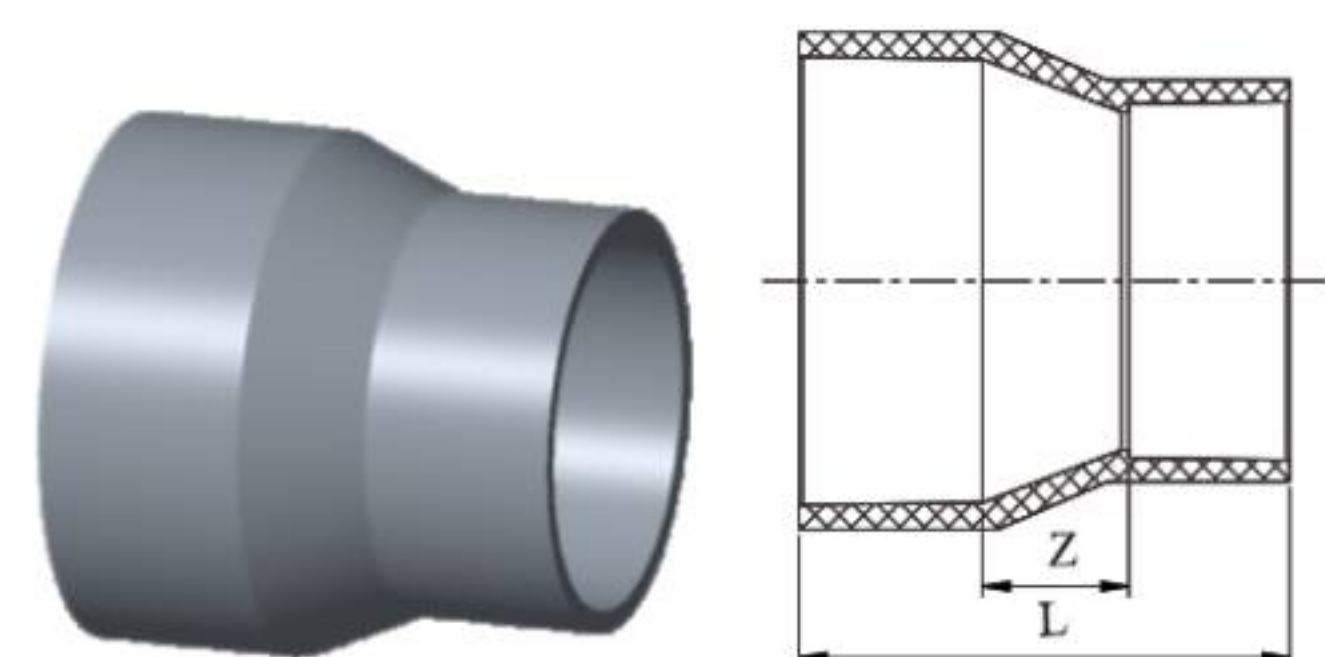
SAP Number	Size (mm)	L	H	D	PCS /CTN
8020022753	4"	64	30.5	135	24

Cap (D)



SAP Number	Size (mm)	L	PCS /CTN
8020022620	1-1/4"	20.7	650
8020022621	1-1/2"	24.7	400
8020022622	2"	28.1	200
8020022623	3"	43.6	138
8020022654	4"	54.5	60

Increaser (D-IN)



SAP Number	Size (mm)	L	Z	PCS /CTN
8020022657	1-1/2"×1-1/4"	60	20	170
8020022658	2"×1-1/4"	63	20	125
8020022751	2"×1-1/2"	67	20	100
8020022788	2-1/2"×1-1/2"	77	20	70
8020022659	2-1/2"×2"	80	20	90
8020022660	3"×1-1/2"	87	25	66
8020022661	3"×2"	90	25	66
8020022752	3"×2-1/2"	100	25	115
8020022662	4"×2"	105	30	48
8020022663	4"×2-1/2"	115	30	56
8020022664	4"×3"	120	30	56
8020022665	6"×3"	161	41	18
8020022666	6"×4"	170	40	15
8020026141	8"×6"	252	67	4
8020026129	10"×8"	275	45	2
8020026153	12"×10"	320	55	4

PP-R Water Pipe and Fittings (Green)

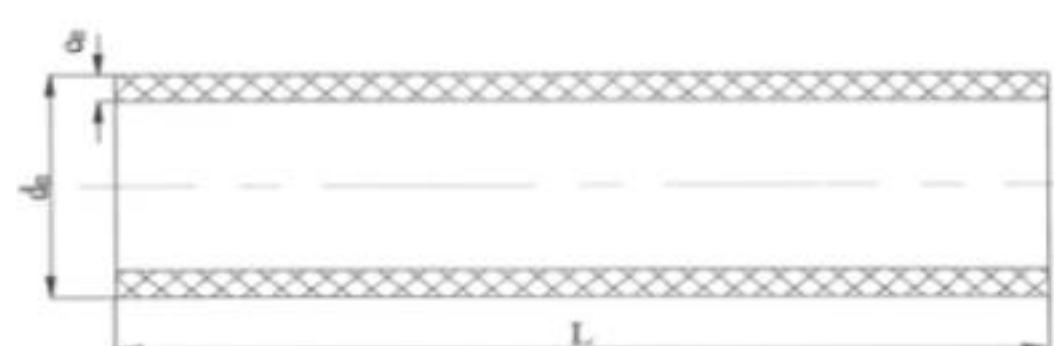


- ◎ **Material:** Random Polypropylene
- ◎ **Size:** full 20mm through 160mm availability
- ◎ **Pressure Rating:** 1.0MPa, 1.25MPa, 1.6MPa, 2.0MPa,
- ◎ **Standard:** GB/T 18742-2, EN ISO 15874-2, BS EN ISO 15874-2, DIN8077, DIN8078, NSF/ANSI/CAN 61, NSF/ANSI N372
- ◎ **Colors:**
 - Green, pipe for cold water is marked with blue stripes, pipe for hot water is marked with red stripes.
 - Other colors are also available upon request.
- ◎ **Form Supplied:**
 - 4 meters straight length (all size), Other forms are also available upon request.

A. Deskripsi

1. Standar ini dikeluarkan sebagai perdoman dalam proses produksi Pipa PPR
2. Produk yang tidak memiliki spesifikasi sesuai standar maka disebut produk gagal /fail
3. Tim Produksi Wajib mematuhi standar ini terhadap proses produksi Pipa PPR
4. Quality Control bertugas memeriksa dan melakukan Pengecekan terhadap setiap produk
5. Temuan produk tidak standar wajib ditulis dalam form pengecekan harian oleh Quality Control

B. Dimensi



Gambar 1.0 Pipa PP-R

Tabel 1. Spesifikasi Dimensi Pipa PP-R

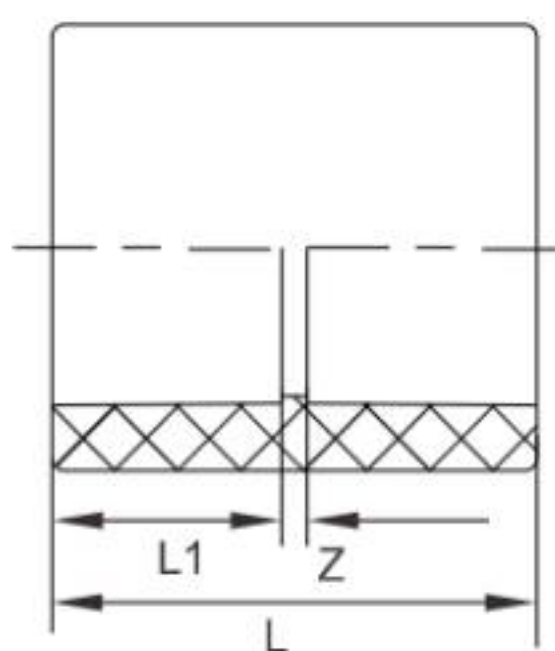
Line color: Blue					
S5(PN10) * Suitable for Cold Water Supply					
SAP No. (4M)	INCH	d _n (mm)	Thickness		Berat (Kg/m)
			min	max	
8010062265	1/2"	20	2.0	2.3	0.114
8010062266	3/4"	25	2.3	2.6	0.163
8010062267	1	32	2.9	3.2	0.258
8010062268	1-1/4"	40	3.7	4.1	0.418
8010062269	1-1/2"	50	4.6	5.0	0.637
8010062270	2"	63	5.8	6.2	1.015
8010062271	2-1/2"	75	6.8	7.3	1.398
8010062272	3"	90	8.2	8.8	2.033
8010062273	4"	110	10.0	10.7	3.004
8010062274		125	11.4	12.1	3.898
8010062275	6"	160	14.6	15.5	6.432

Line color: Blue					
S4(PN12.5) * Suitable for Cold Water Supply					
SAP No. (4M)	INCH	d _n (mm)	Thickness		Berat (Kg/m)
			min	max	
8010062276	1/2"	20	2.3	2.6	0.127
8010062277	3/4"	25	2.8	3.1	0.194
8010062278	1	32	3.6	4.0	0.315
8010062279	1-1/4"	40	4.5	4.9	0.487
8010062280	1-1/2"	50	5.6	6.0	0.761
8010062281	2"	63	7.1	7.7	1.214
8010062282	2-1/2"	75	8.4	9.0	1.685
8010062283	3"	90	10.1	10.8	2.440
8010062284	4"	110	12.3	13.0	3.622
8010062285		125	14.0	14.9	4.658
8010062286	6"	160	17.9	18.8	7.674

Line color: Yellow					
S3.2(PN16) * Suitable for Cold or Hot Water Supply					
SAP No. (4M)	INCH	d _n (mm)	Thickness		Berat (Kg/m)
			min	max	
8010062287	1/2"	20	2.8	3.1	0.149
8010062288	3/4"	25	3.5	3.9	0.229
8010062289	1	32	4.4	4.8	0.368
8010062290	1-1/4"	40	5.5	5.9	0.580
8010062291	1-1/2"	50	6.9	7.4	0.899
8010062292	2"	63	8.6	9.2	1.415
8010062293	2-1/2"	75	10.3	11	2.001
8010062294	3"	90	12.3	13	2.879
8010062295	4"	110	15.1	16	4.296
8010062296		125	17.1	18	5.530
8010062297	6"	160	21.9	22.9	9.069

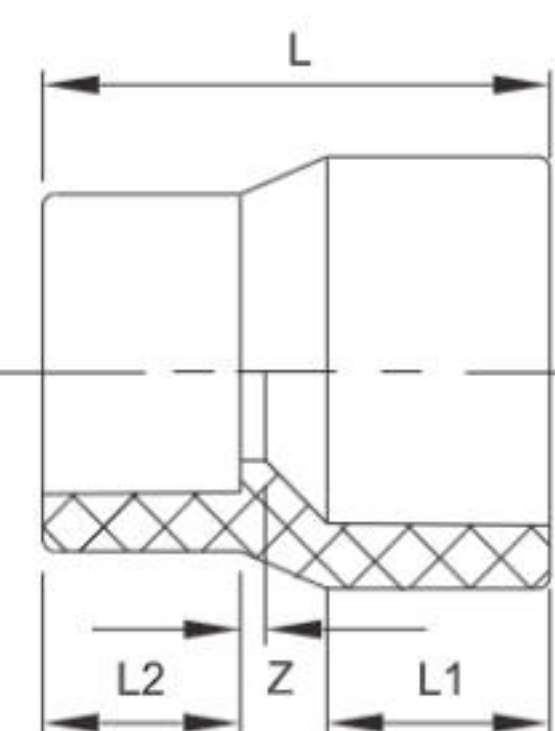
Line color: Red					
S2.5(PN20) * Suitable for Cold or Hat Water Supply					
SAP No. (4M)	INCH	d _n (mm)	Thickness		Berat (Kg/m)
			min	max	
8010062298	1/2"	20	3.4	3.8	0.176
8010062299	3/4"	25	4.2	4.6	0.266
8010062300	1"	32	5.4	5.9	0.438
8010062301	1-1/4"	40	6.7	7.2	0.674
8010062302	1-1/2"	50	8.3	8.9	1.046
8010062303	2"	63	10.5	11.2	1.662
8010062304	2-1/2"	75	12.5	13.2	2.339
8010062305	3"	90	15.0	15.9	3.372
8010062306	4"	110	18.3	19.2	5.029
8010062307		125	20.8	21.8	6.470
8010062308	6"	160	26.6	28.0	10.589

Coupling (Soc×Soc)



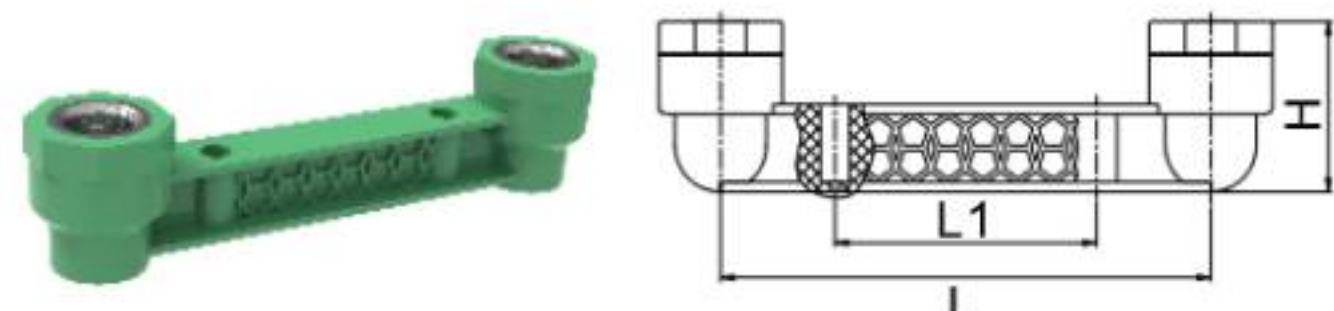
SAP Number	Size (mm)	INCH	Z	L1	L	PCS /CTN	Carton Size (mm×mm×mm)
8010071377	20	1/2"	1.5	16	33.5	870	410x280x330
8010071378	25	3/4"	1.5	18	37.5	520	410x280x330
8010071379	32	1"	2	20	42	300	410x280x330
8010071380	40	1-1/4"	1.5	22.5	46.5	210	410x280x330
8010071381	50	1-1/2"	2	25.5	53	260	560x420x330
8010071382	63	2"	2	29.5	61	150	560x420x330
8010071383	75	2-1/2"	2	31.5	65	100	560x420x330
8010071384	90	3"	3.5	36.5	76.5	50	560x420x330
8010071385	110	4"	5	42	89	36	560x420x330
8010071386	160	6"	9	58.5	126	10	560x420x330

Reducer (Soc×Soc)



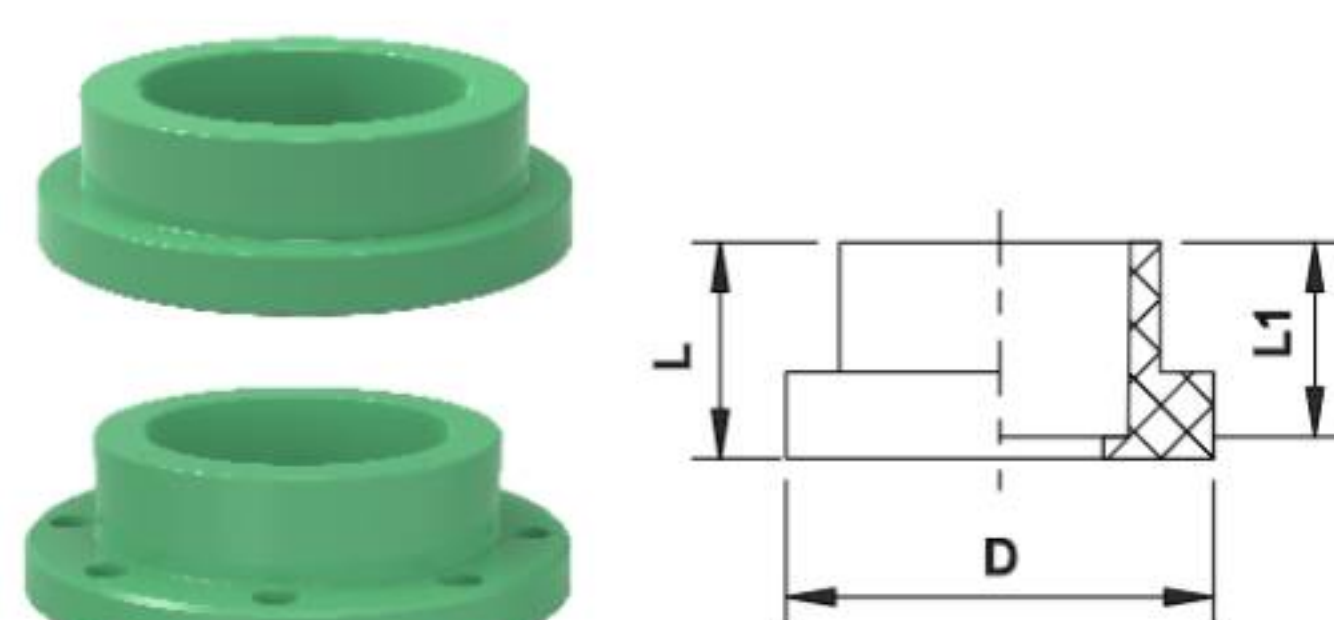
SAP Number	Size (mm)	INCH	Z	L1	L	PCS /CTN	Carton Size (mm×mm×mm)
8010071445	25×20	3/4"×1/2"	2	16	34.5	480	410x280x330
8010071446	32×20	1"×1/2"	2	18	38.5	420	410x280x330
8010071447	32×25	1"×3/4"	2	18	39.5	300	410x280x330
8010071448	40×20	1-1/4"×1/2"	2.5	16	44	252	410x280x330
8010071449	40×25	1-1/4"×3/4"	2	18	42.5	252	410x280x330
8010071450	40×32	1-1/4"×1"	3	20	45	210	410x280x330
8010071451	50×20	1-1/2"×1/2"	1.5	16	46	120	410x280x330
8010071452	50×25	1-1/2"×3/4"	2	18	48.5	120	410x280x330
8010071453	50×32	1-1/2"×1"	2.5	20	50.5	120	410x280x330
8010071454	50×40	1-1/2"×1-1/4"	1.6	22.5	51.5	120	410x280x330
8010071455	63×25	2"×3/4"	3	18	52.5	120	410x280x330
8010071456	63×32	2"×1"	2	20	57	100	410x280x330
8010071457	63×40	2"×1-1/4"	2	22.5	57.5	100	410x280x330
8010071458	63×50	2"×1-1/2"	2	22.5	53	150	560x420x330
8010072361	75×32	2-1/2"×1"	3	20	56	140	560x420x330
8010071459	75×40	2-1/2"×1-1/4"	3	22.5	57.5	140	560x420x330
8010071460	75×50	2-1/2"×1-1/2"	3	25.5	60	140	560x420x330
8010071461	75×63	2-1/2"×2"	3	29.5	60.5	90	560x420x330
8010071462	90×40	3"×1-1/4"	3	22.5	63	80	560x420x330
8010071463	90×50	3"×1-1/2"	2	25.5	66	80	560x420x330
8010071464	90×63	3"×2"	2.5	29.5	68	80	560x420x330
8010071465	90×75	3"×2-1/2"	2.5	31.5	73	50	560x420x330
8010071466	110×50	4"×1-1/2"	3	25.5	73	50	560x420x330
8010071467	110×63	4"×2"	4	29.5	78	45	560x420x330
8010071468	110×75	4"×2-1/2"	4	31.5	80.5	50	560x420x330
8010071469	110×90	4"×3"	5.5	37.5	82.5	36	560x420x330
8010071470	160×110	6"×4"	3	42	85	10	560x420x330

Double Female Thread Elbow with Seat (Soc×Fipt with Metal Insert)



SAP Number	Size (mm)	INCH	Z	L1	H	PCS /CTN	Carton Size (mm×mm×mm)
8010072359	20×1/2"	1/2"×1/2"	80	150	51.5	48	410x280x330
8010072360	25×1/2"	3/4"×1/2"	80	150	56.9	48	410x280x330
8010072500	25×3/4"	3/4"×3/4"	80	150	57.9	36	410x280x330
	32×1/2"	1"×1/2"	80	150	63.4	36	410x280x330
8010072842	32×3/4"	1"×3/4"	70	150	63.4	24	410x280x330

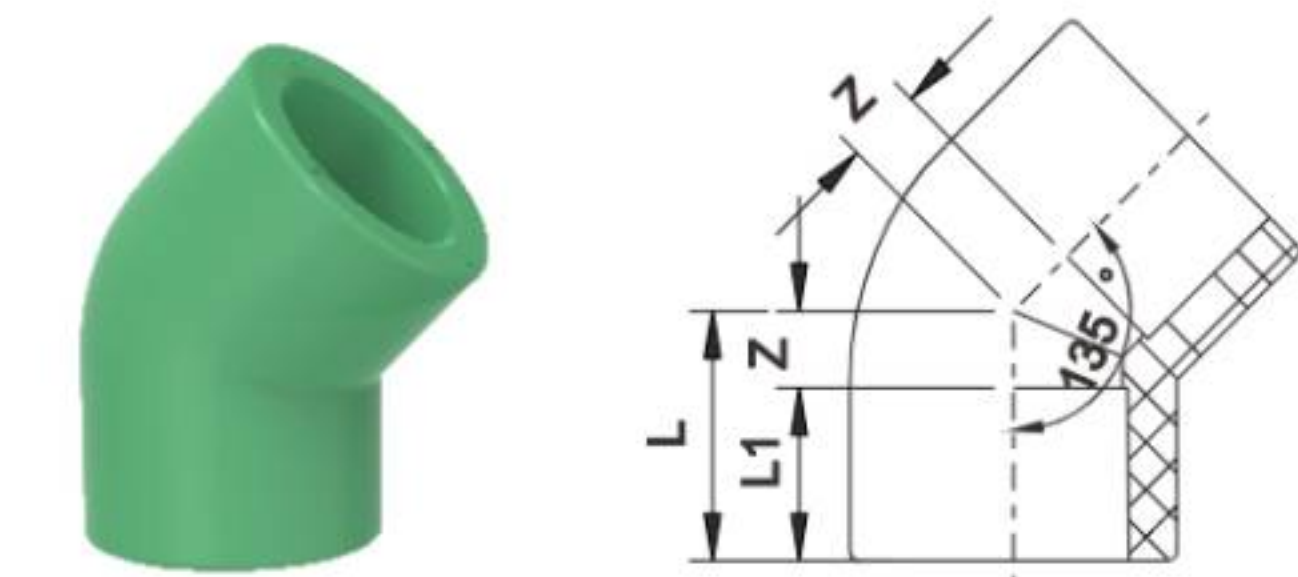
Stub Flange (Soc×Flange)



DN160

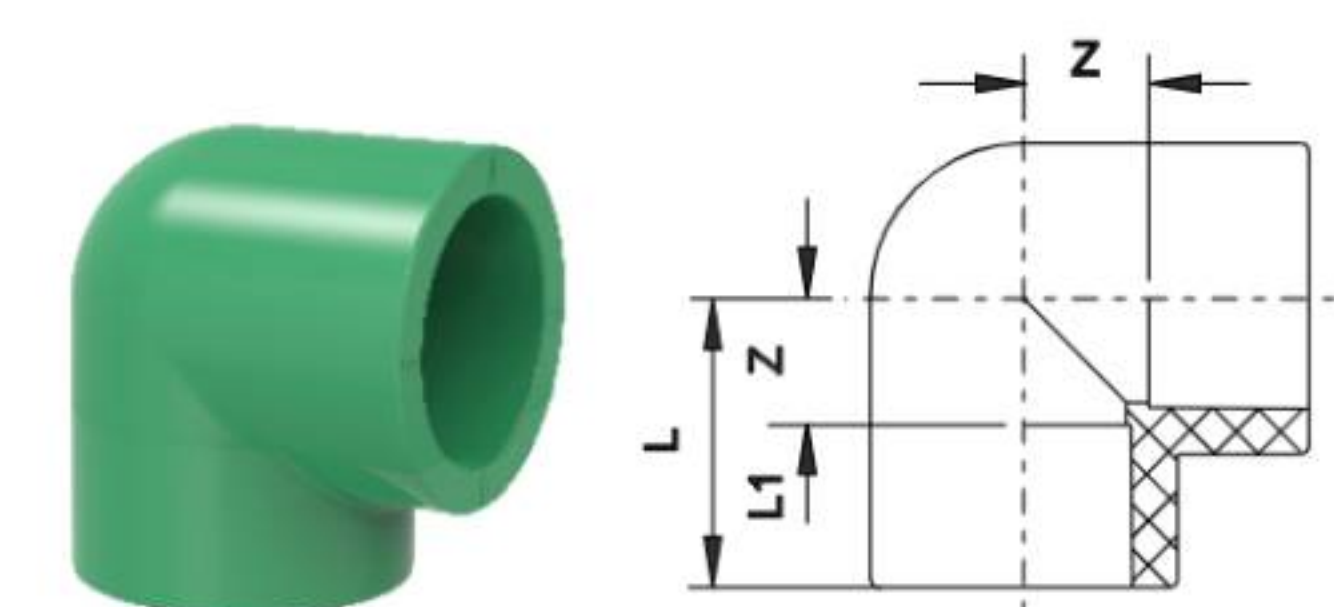
SAP Number	Size (mm)	INCH	D	L1	L	PCS /CTN	Carton Size (mm×mm×mm)
8010071331	40	1-1/4"	72	22.5	26	160	410x280x330
8010071332	50	1-1/2"	85	25.5	29	90	410x280x330
8010071333	63	2"	106	29.5	34.5	60	410x280x330
8010071341	75	2-1/2"	129	31.5	37	50	410x280x330
8010071334	90	3"	144	34.5	40	30	410x280x330
8010071335	110	4"	164	42	50	20	410x280x330
8010071336	160	6"	285	57.5	85	10	410x280x330

45°Elbow (Soc×Soc)



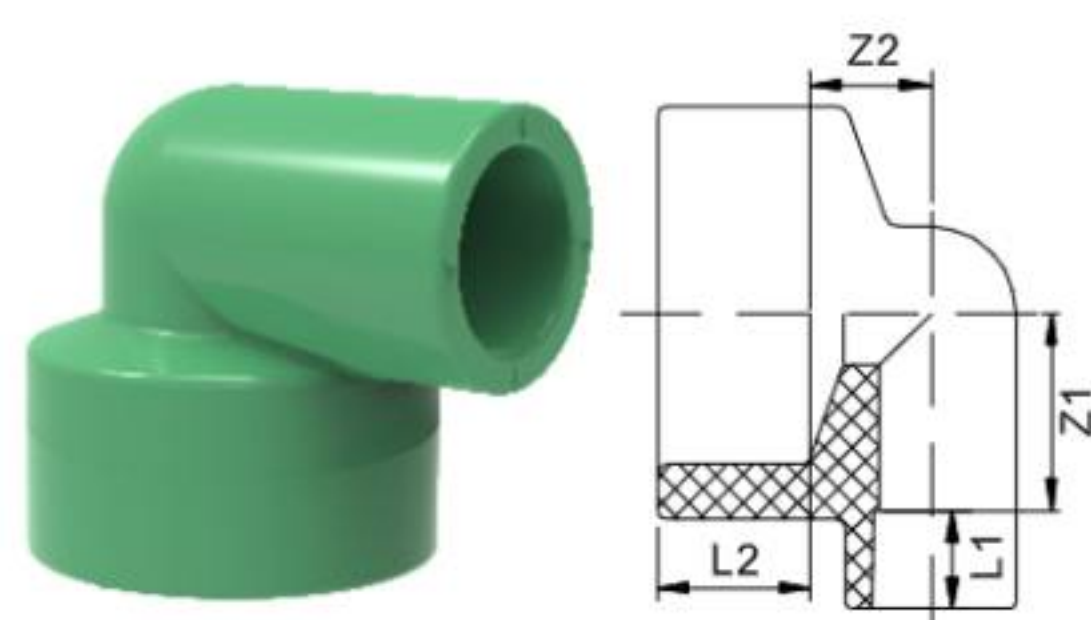
SAP Number	Size (mm)	INCH	Z	L1	L	PCS /CTN	Carton Size (mm×mm×mm)
8010071435	20	1/2"	6.3	16	22.3	600	410x280x330
8010071436	25	3/4"	7	18	25	360	410x280x330
8010071437	32	1"	10	20	30	180	410x280x330
8010071438	40	1-1/4"	10.5	22.5	33	112	410x280x330
8010071439	50	1-1/2"	12	25.5	37.5	140	560x420x330
8010071440	63	2"	14	29.5	43.5	80	560x420x330
8010071441	75	2-1/2"	16.5	31.5	48	50	560x420x330
8010071442	90	3"	21.5	37.5	59	30	560x420x330
8010071443	110	4"	25.5	42	67.5	20	560x420x330
8010071444	160	6"	49.5	58.5	108	5	560x420x330

90°Elbow (Soc×Soc)



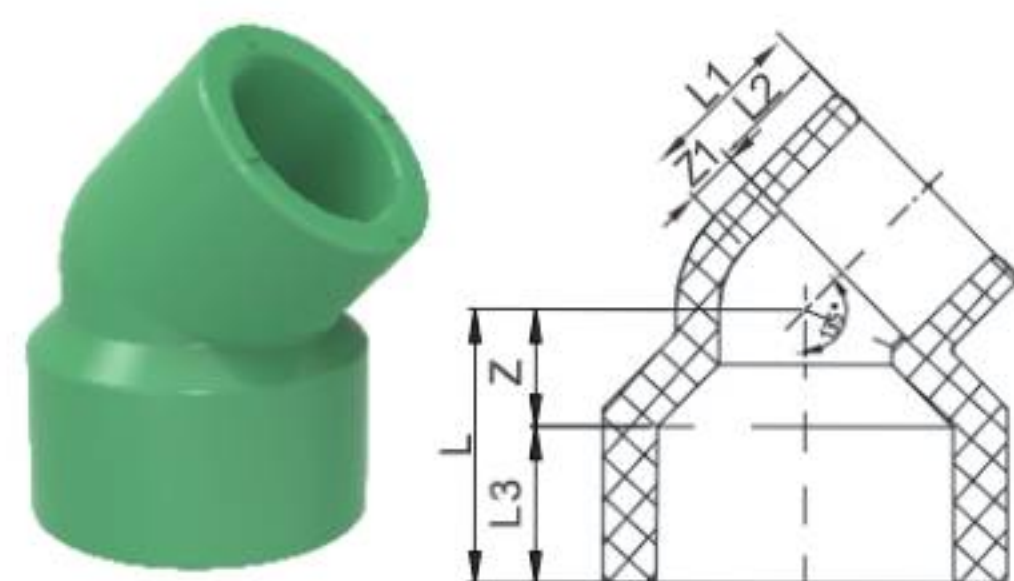
SAP Number	Size (mm)	INCH	Z	L1	L	PCS /CTN	Carton Size (mm×mm×mm)
8010071401	20	1/2"	11	16	27	480	410x280x330
8010071402	25	3/4"	13.5	18	31.5	360	410x280x330
8010071403	32	1"	17.5	20	37.5	192	410x280x330
8010071404	40	1-1/4"	21	22.5	43.5	96	410x280x330
8010071405	50	1-1/2"	26.5	25.5	52	120	560x420x330
8010071406	63	2"	32.5	29.5	62	70	560x420x330
8010071407	75	2-1/2"	37.5	31.5	69	40	560x420x330
8010071408	90	3"	44.5	37.5	82	25	560x420x330
8010071409	110	4"	55	42	97	15	560x420x330
8010071410	160	6"	92.5	58.5	151	4	560x420x330

90°Reducing Elbow
(Soc×Soc)



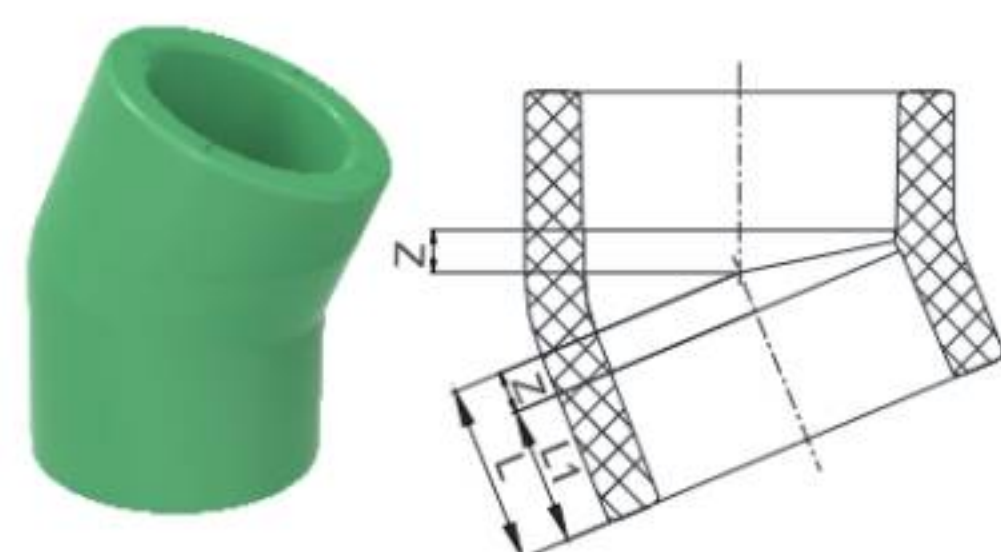
SAP Number	Size (mm)	INCH	L1	L2	Z1	Z2	PCS /CTN	Carton Size (mm×mm×mm)
8010072472	25×20	3/4"×1/2"	16	18	14	14	360	410x280x330
8010072473	32×20	1"×1/2"	16	20	19	15	210	410x280x330
8010072474	32×25	1"×3/4"	18	20	19	17	200	410x280x330
8010072713	40×20	1-1/4"×1/2"	16	22.5	24	17.5	175	410x280x330
8010072714	40×25	1-1/4"×3/4"	18	22.5	25	19.5	120	410x280x330
8010072701	40×32	1-1/4"×1"	20	22.5	25	21.5	100	410x280x330
8010072702	50×20	1-1/2"×1/2"	16	25	32	20	96	410x280x330
8010072703	50×25	1-1/2"×3/4"	18	25.5	32	21.5	96	410x280x330
8010072704	50×32	1-1/2"×1"	20	25.5	32	26.5	80	410x280x330
8010072705	50×40	1-1/2"×1-1/4"	22.5	25.5	31.5	26.5	120	410x280x330
8010072786	63×25	2"×3/4"	18	29.5	27	35.5	130	410x280x330
8010072829	63×32	2"×1"	20	29.5	25	35.5	130	410x280x330
8010072830	63×40	2"×1-1/4"	22.5	29.5	27.5	35.5	100	410x280x330
8010072807	63×50	2"×1-1/2"	25.5	29.5	29.5	35.5	80	410x280x330

45°Reducing Elbow
(Soc×Soc)



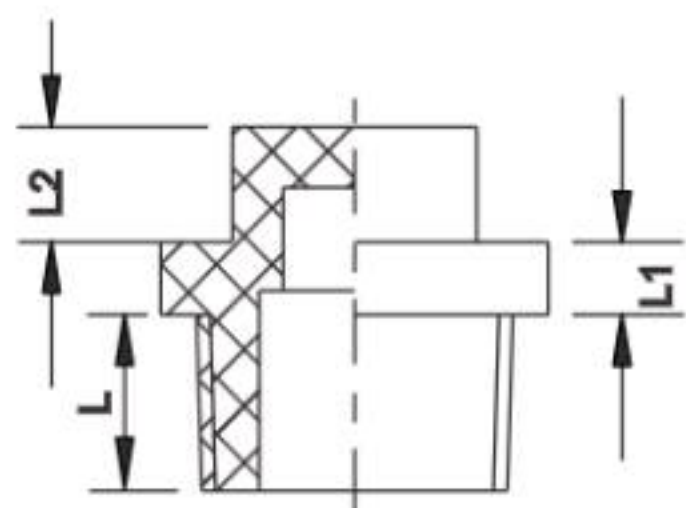
SAP Number	Size (mm)	INCH	L	L1	L2	L3	Z	Z1	PCS /CTN	Carton Size (mm×mm×mm)
8010072469	25×20	3/4"×1/2"	28	22	16	18	10	6	400	410x280x330
8010072470	32×20	1"×1/2"	33	22	16	20	13	6	280	410x280x330
8010072471	32×25	1"×3/4"	32	25	18	20	12	7	280	410x280x330
8010072782	40×20	1-1/4"×1/2"	40	22	16	22.5	17.5	6	180	410x280x330
8010072783	40×25	1-1/4"×3/4"	38	25	18	22.5	15.5	7	168	410x280x330
8010072801	40×32	1-1/4"×1"	37	28.5	20	22.5	14.5	8.5		
8010072802	50×20	1-1/2"×1/2"	48.5	22	16	25.5	23	6		
8010072803	50×25	1-1/2"×3/4"	46	25	18	25.5	20.5	7		
8010072784	50×32	1-1/2"×1"	44.5	28.5	20	25.5	19	8.5	100	410x280x330
8010072785	50×40	1-1/2"×1-1/4"	42.5	33	22.5	25.5	17	10.5	80	410x280x330
8010072804	63×25	2"×3/4"	60	25	18	29.5	30.5	7		
8010072820	63×32	2"×1"	55	28.5	20	29.5	25.5	8.5		
8010072805	63×40	2"×1-1/4"	53	33	22.5	29.5	23.5	10.5		
8010072806	63×50	2"×1-1/2"	50	38	25.5	29.5	20.5	12.5		

22.5°Elbow (Soc×Soc)



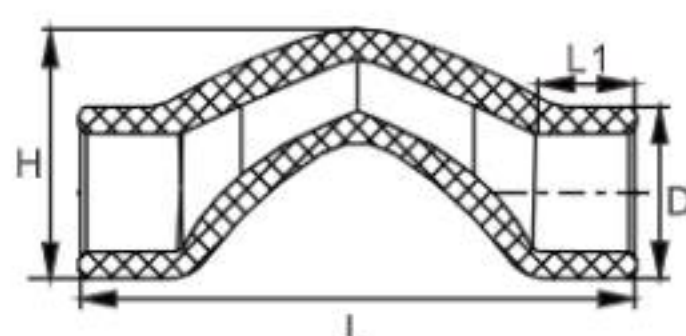
SAP Number	Size (mm)	INCH	Z	L1	L	PCS /CTN	Carton Size (mm×mm×mm)
8010072466	20	1/2"	4	16	20		
8010072467	25	3/4"	4	18	22		
8010072468	32	1"	5.5	20	25.5		
8010072787	40	1-1/4"	6	22.5	28.5		
8010072788	50	1-1/2"	7.5	25.5	33	75	410x280x330
8010072808	63	2"	8.5	29.5	38	40	410x280x330
8010072821	75	2-1/2"	9.5	31.5	41	25	410x280x330
8010072822	90	3"	11.5	37.5	49		
8010072809	110	4"	14.5	42	56.5		
8010072858	160	6"	19.5	58.5	78		

Male Thread Plug (Mipt)



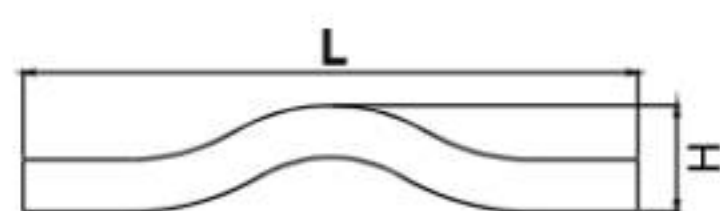
SAP Number	Size (mm)	INCH	L	L1	L2	PCS /CTN	Carton Size (mm×mm×mm)
8010072486	1/2"	1/2"	12	5	9	1200	410x280x330
8010072487	3/4"	3/4"	14	6	9	900	410x280x330
8010072488	1"	1"	16.5	7	11	420	410x280x330

Bending pipe (Soc × Soc)



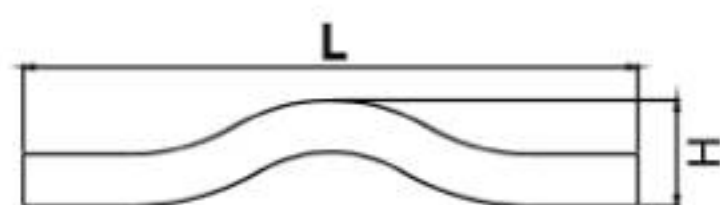
SAP Number	Size (mm)	INCH	L	L1	D	H	PCS /CTN	Carton Size (mm×mm×mm)
8010072494	20	1/2"	91	15.9	27.8	40.4	250	410x280x330
8010072495	25	3/4"	115	17.5	33.8	49.9	120	410x280x330
8010072496	32	1"	135	20.5	42.7	63.3	80	410x280x330
8010073016	20	1/2"	91	15.9	27.8	40.4	250	410x280x330
8010073789	25	3/4"	115	17.5	33.8	49.9	120	410x280x330
8010073790	32	1"	135	20.5	42.7	63.3	80	410x280x330

Bending Pipe (for Cold Water) (Spig×Spig)



SAP Number	Size (mm)	INCH	L	H	PCS /CTN	Carton Size (mm×mm×mm)
8010071351	20	1/2"	300	47	320	560x420x330
8010072489	25	3/4"	300	51	250	560x420x330
8010072490	32	1"	300	67	150	560x420x330

Bending Pipe (for Hot Water) (Spig×Spig)



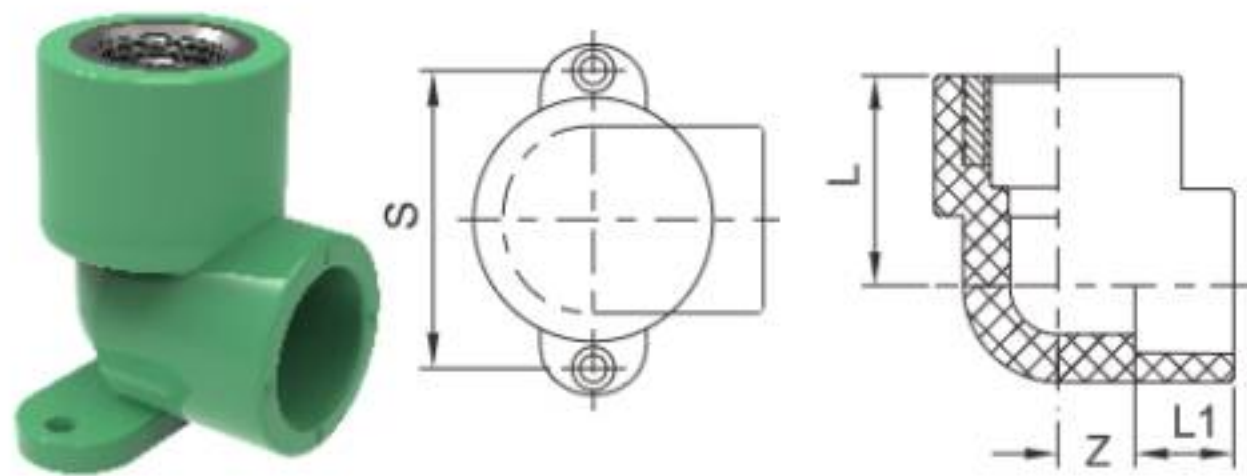
SAP Number	Size (mm)	INCH	L	H	PCS /CTN	Carton Size (mm×mm×mm)
8010072491	20	1/2"	300	47	320	560x420x330
8010072492	25	3/4"	300	51	250	560x420x330
8010072493	32	1"	300	67	150	560x420x330

Pipe Cover



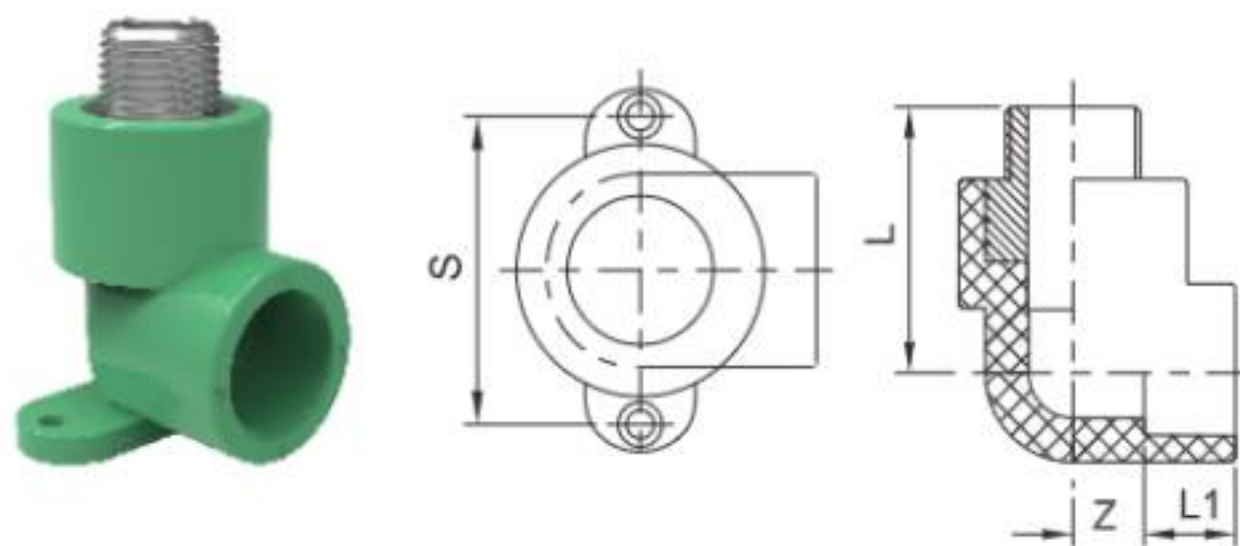
SAP Number	Size (mm)	INCH	PCS /CTN	Carton Size (mm×mm×mm)
8010072718	20	1/2"		
8010072719	25	3/4"		
8010072720	32	1"		
8010072721	40	1-1/4"		
8010072722	50	1-1/2"		
8010072723	63	2"		
8010072724	75	2-1/2"		
8010072725	90	3"		
8010072715	110	4"		
8010072717	160	6"		

Female Thread Elbow with Seat (Soc×Fipt with Metal Insert)



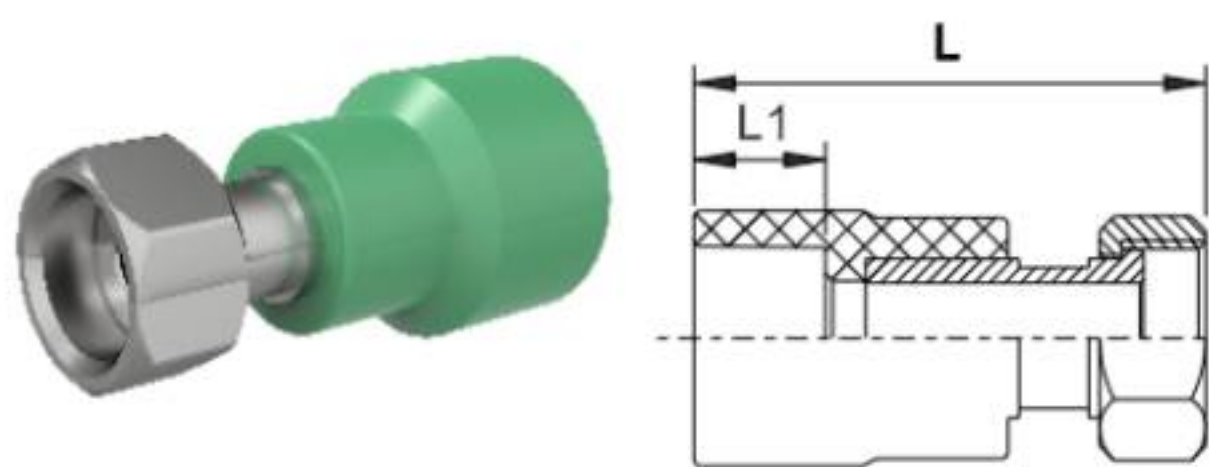
SAP Number	Size (mm)	INCH	L	S	L1	Z	PCS /CTN	Carton Size (mm×mm×mm)
8010071337	20×1/2"	1/2"×1/2"	38	49.5	16	11.5	168	410x280x330
8010072745	20×3/4"	1/2"×3/4"	38.5	53.5	16	13.5	180	410x280x330
8010072746	25×1/2"	3/4"×1/2"	39.5	49.5	18	12	180	410x280x330
8010072747	25×3/4"	3/4"×3/4"	37.5	53.5	18	13	120	410x280x330

Male Thread Elbow with Seat (Soc×Mipt with Metal Insert)



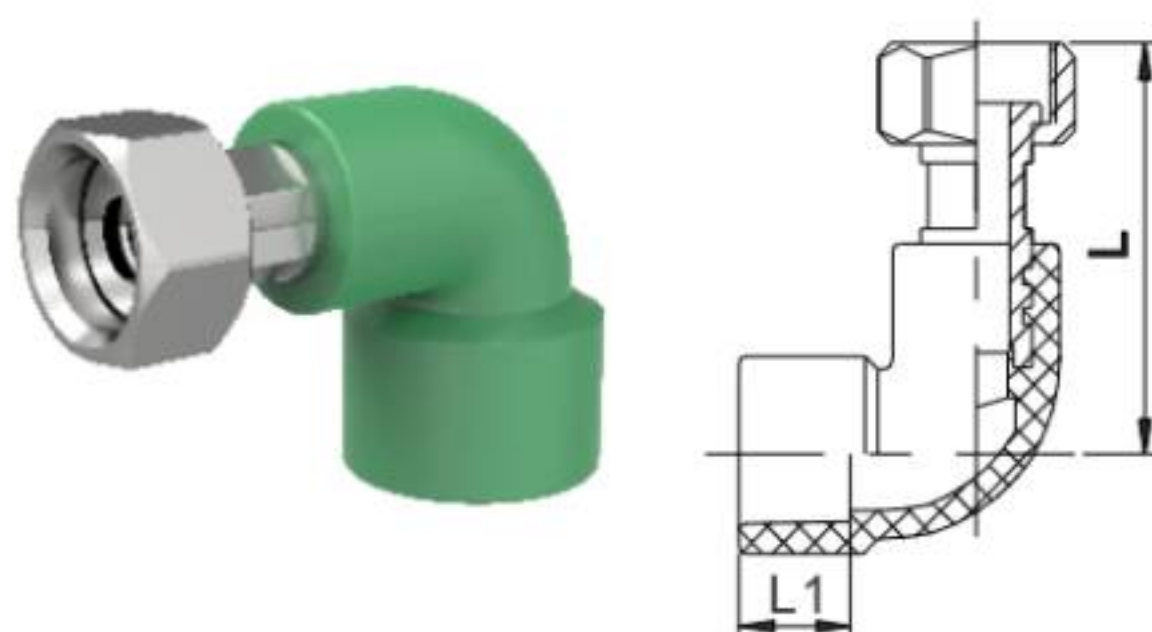
SAP Number	Size (mm)	INCH	L	S	L1	Z	PCS /CTN	Carton Size (mm×mm×mm)
8010072362	20×1/2"	1/2"×1/2"	47.5	49.5	16	11.5	180	410x280x330
8010072751	20×3/4"	1/2"×3/4"	48	49.5	16	13.1	150	410x280x330
8010072752	25×1/2"	3/4"×1/2"	50	49.5	18	12	180	410x280x330
8010072753	25×3/4"	3/4"×3/4"	50.5	53.5	18	13	120	410x280x330

Flexible Joint I (Soc×Fipt with Metal)



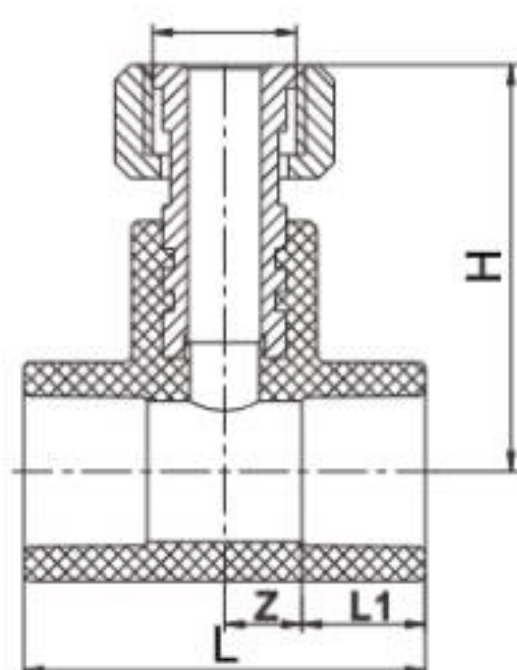
SAP Number	Size (mm)	INCH	L	L1	PCS /CTN	Carton Size (mm×mm×mm)
8010072501	20×1/2"	1/2"×1/2"	59	16	300	410x280x330
8010072502	20×3/4"	1/2"×3/4"	59.5	16	240	410x280x330
8010072503	25×1/2"	3/4"×1/2"	61	18	240	410x280x330
8010072504	25×3/4"	3/4"×3/4"	62	18	240	410x280x330
8010072505	32×1/2"	1"×1/2"	63	20		
8010072506	32×3/4"	1"×3/4"	64	20		
8010072507	32×1"	1"×1"	68.5	20	150	410x280x330
8010072823	40×3/4"	1-1/4"×3/4"	66.5	22.5		
8010072831	40×1"	1-1/4"×1"	71	22.5		
8010072832	40×1-1/4"	1-1/4"×1-1/4"	76	22.5	72	410x280x330
8010072824	50×1"	1-1/2"×1"	76.5	25.5		
8010072825	50×1-1/4"	1-1/2"×1-1/4"	81.5	25.5	60	410x280x330
8010072837	50×1-1/2"	1-1/2"×1-1/2"	89.5	22.5		

Flexible Joint Elbow (Soc×Fipt with Metal)



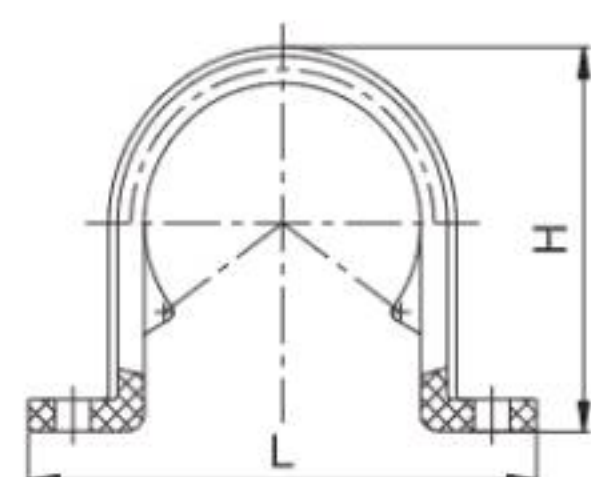
SAP Number	Size (mm)	INCH	L	L1	PCS /CTN	Carton Size (mm×mm×mm)
8010072508	20×1/2"	1/2"×1/2"	50	16	300	410x280x330
8010072509	20×3/4"	1/2"×3/4"	58.5	16	240	410x280x330
8010072510	25×1/2"	3/4"×1/2"	50.5	18	240	410x280x330
8010072511	25×3/4"	3/4"×3/4"	54.5	18	210	410x280x330
8010072512	32×1/2"	1"×1/2"	50.5	18	180	410x280x330
8010072513	32×3/4"	1"×3/4"	54	20	150	410x280x330
	32×1"	1"×1"	61.5	20	90	410x280x330
	40×3/4"	1-1/4"×3/4"	53.5	22.5		
8010072838	40×1"	1-1/4"×1"	61.5	22.5		
8010072839	40×1-1/4"	1-1/4"×1-1/4"	71.5	22.5	60	410x280x330
8010072833	50×1"	1-1/2"×1"	60.5	25.5		
8010072834	50×1-1/4"	1-1/2"×1-1/4"	71.5	25.5		
	50×1-1/2"	1-1/2"×1-1/2"	86.5	25.5	36	410x280x330

Flexible Tee (Soc×Soc)



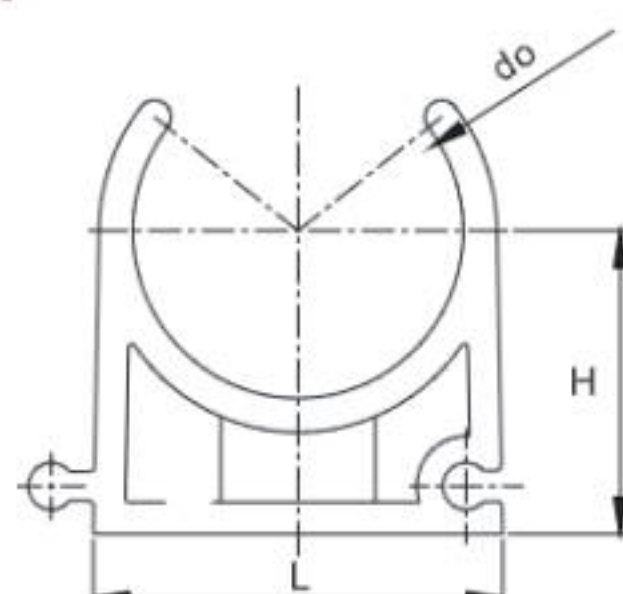
SAP Number	Size (mm)	INCH	L1	L	Z	H	PCS /CTN	Carton Size (mm×mm×mm)
8010072764	20×1/2"	1/2"×1/2"	16	52	10	52	180	410x280x330
8010072771	20×3/4"	1/2"×3/4"	16	57	12.5	52.5		
8010072765	25×1/2"	3/4"×1/2"	18	56	10	54	150	410x280x330
8010072766	25×3/4"	3/4"×3/4"	18	61	12.5	54.5	120	410x280x330
8010072843	32×1/2"	1"×1/2"	20	60	10	57.1	120	410x280x330
8010072844	32×3/4"	1"×3/4"	20	66	13	58.6	96	410x280x330
8010072772	32×1"	1"×1"	20.5	72	15.5	63	90	410x280x330
	40×3/4"	1-1/4"×3/4"	22.5	72	13.5	63		
8010072845	40×1"	1-1/4"×1"	22.5	77	16	67.5	60	410x280x330
8010072846	40×1-1/4"	1-1/4"×1-1/4"	22.5	83	22.5	74.5	48	410x280x330
	50×1"	1-1/2"×1"	25.5	84	16.5	73		

U Clamp



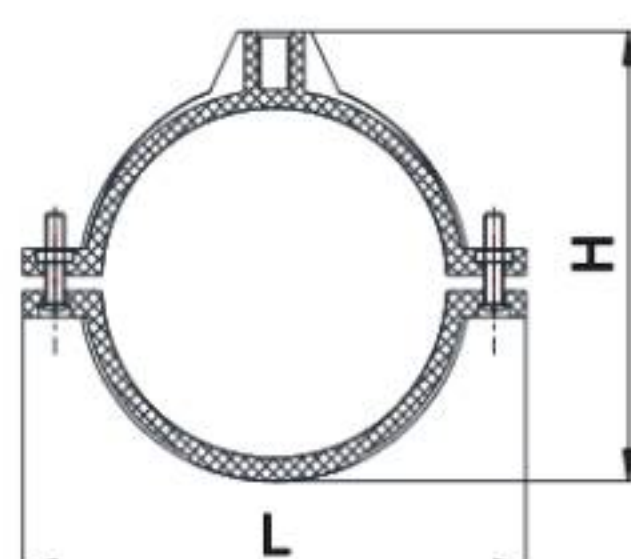
SAP Number	Size (mm)	INCH	L	H	PCS /CTN	Carton Size (mm×mm×mm)
	20	1/2"	44	28.5	2400	410x280x330
8010072826	25	3/4"	50.5	34.8		
8010072827	32	1"	57	42.5	1350	410x280x330
8010072828	40	1-1/4"	68	52.5		
8010072836	50	1-1/2"	78	64	720	410x280x330

Assembling Clamp



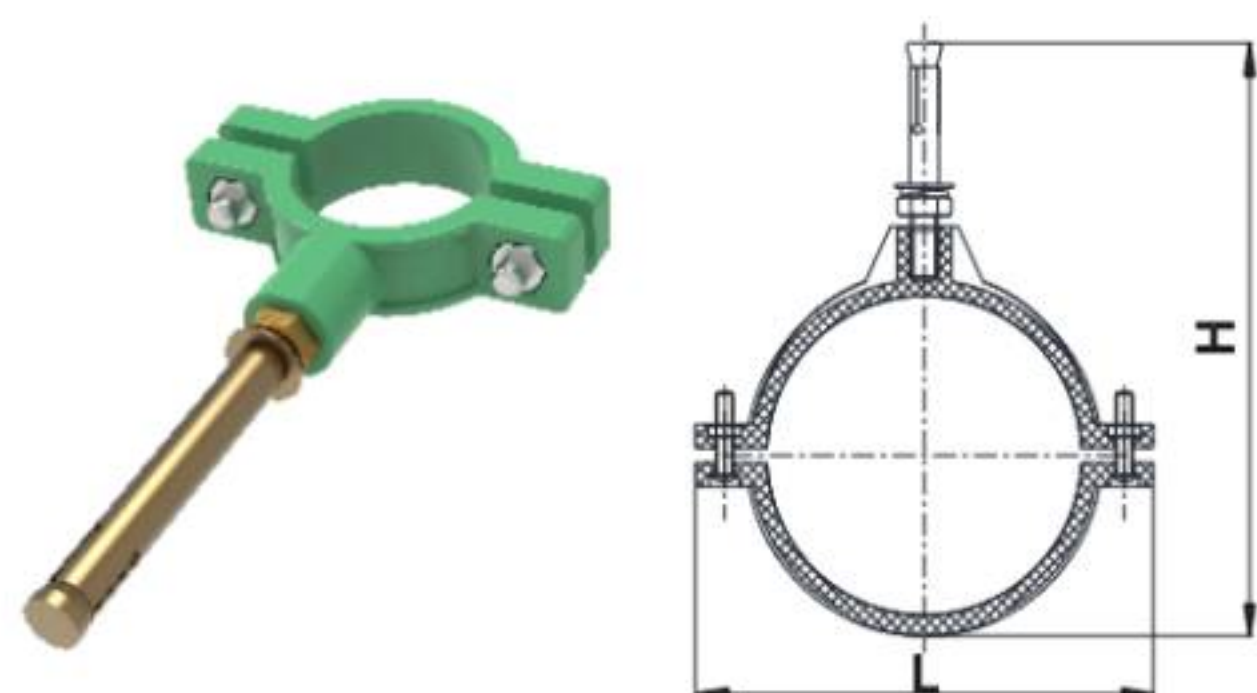
SAP Number	Size (mm)	INCH	do	L	H	PCS /CTN	Carton Size (mm×mm×mm)
8010072817	20	1/2"	19	27.4	22	1200	410x280x330
8010072818	25	3/4"	24.6	32	24.5	960	410x280x330
8010072819	32	1"	31.5	39	28.5	750	410x280x330

Pipe Clamp I (without Screw)



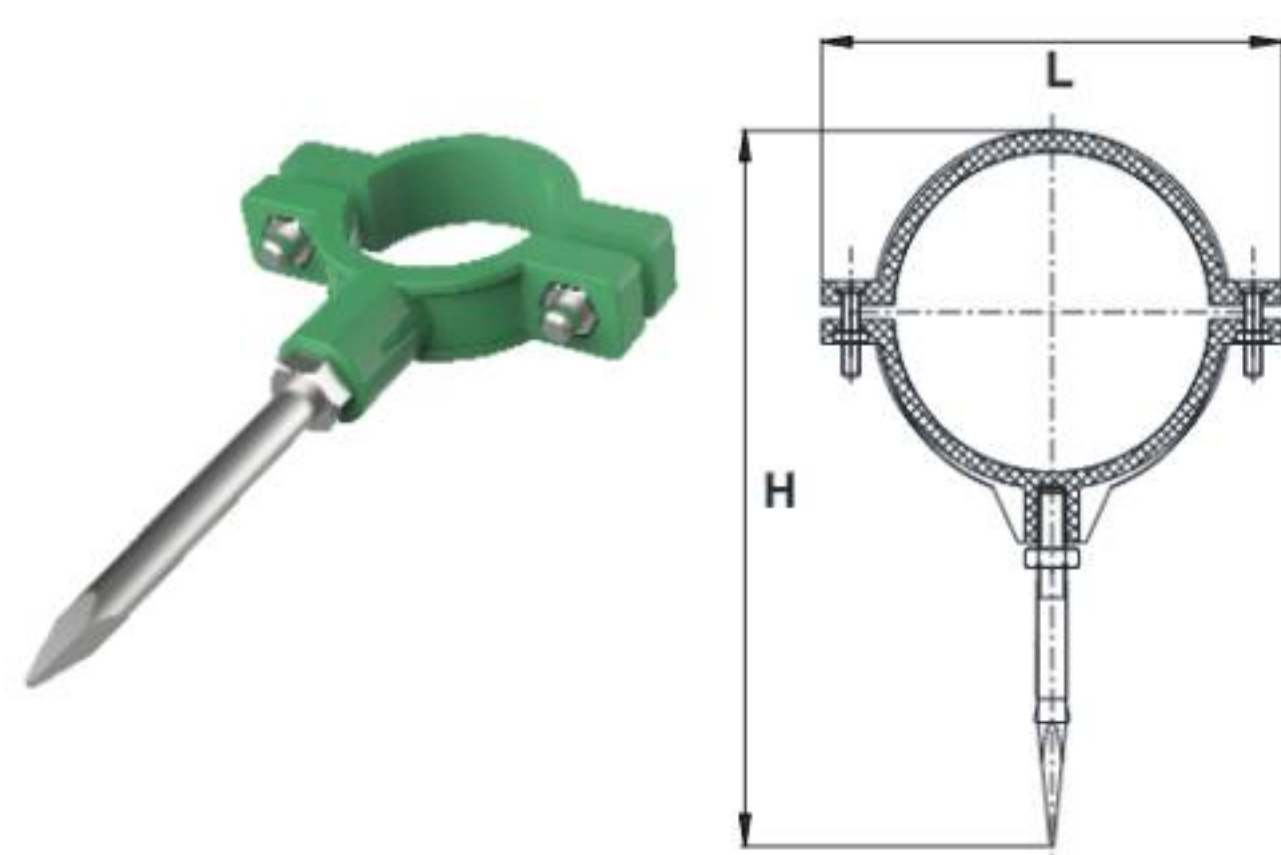
SAP Number	Size (mm)	INCH	L	H	PCS /CTN	Carton Size (mm×mm×mm)
8010072810	20	1/2"	49	42	720	410x280x330
8010072812	25	3/4"	54	47	720	410x280x330
8010072789	32	1"	64	54	480	410x280x330
8010072791	40	1-1/4"	72	62.5	360	410x280x330
8010072793	50	1-1/2"	87	73	240	410x280x330
8010072795	63	2"	106	87.5	144	410x280x330
8010072797	75	2-1/2"	118.5	101	120	410x280x330
8010072799	90	3"	132	115	120	410x280x330
8010072814	110	4"	157	138.5	70	410x280x330

Pipe Clamp I (Screw)

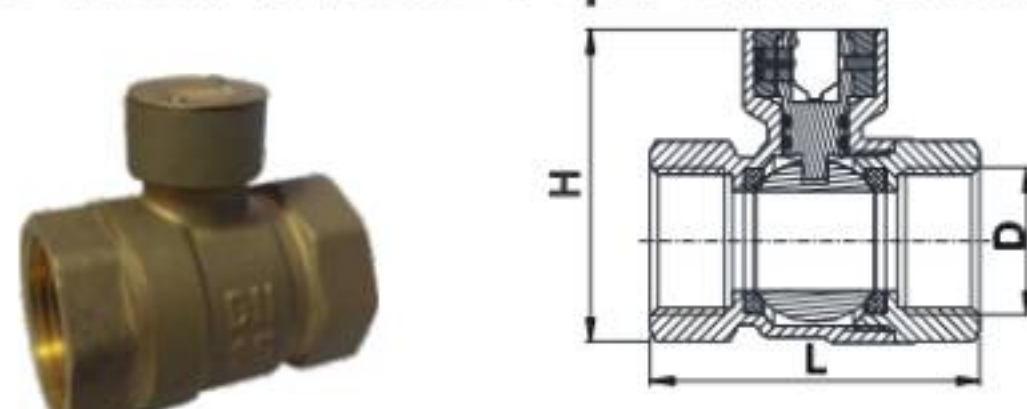


SAP Number	Size (mm)	INCH	L	H	PCS /CTN	Carton Size (mm×mm×mm)
8010072811	20	1/2"	49	96	480	410x280x330
	25	3/4"	54	101	450	410x280x330
8010072790	32	1"	64	108	360	410x280x330
8010072792	40	1-1/4"	72	116.5	300	410x280x330
8010072794	50	1-1/2"	87	127	144	410x280x330
8010072796	63	2"	106	140.5	90	410x280x330
8010072798	75	2-1/2"	118.5	154	60	410x280x330
8010072800	90	3"	132	178	90	410x280x330
8010072815	110	4"	157	200.5	60	410x280x330

Pipe Clamp I (Tusk Screw)



SAP Number	Size (mm)	INCH	L	H	PCS /CTN	Carton Size (mm×mm×mm)
8010072813	25	3/4"	54	101	450	410x280x330

Lock Ball Valve
(Fipt with Metal×Fipt with Metal)

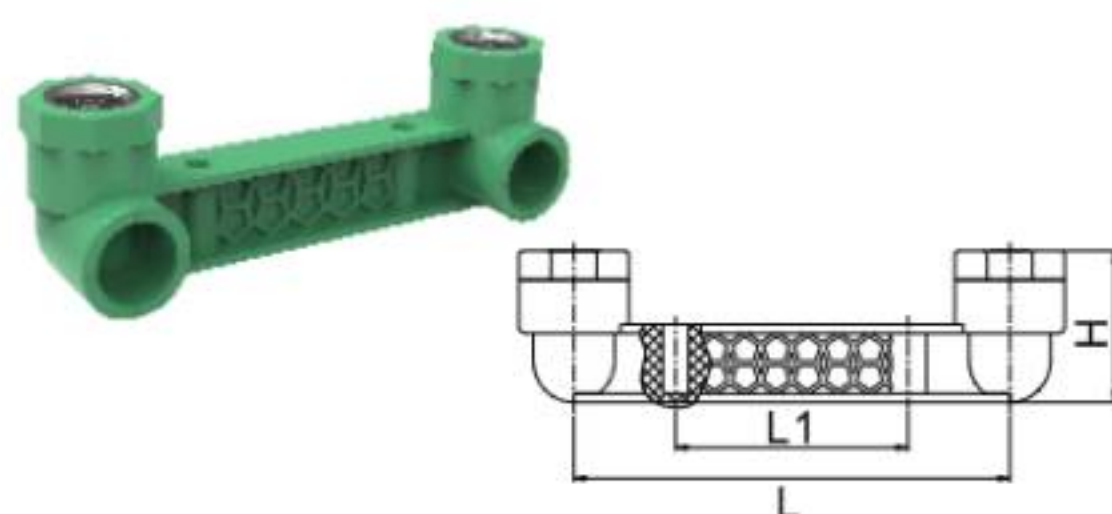
SAP Number	Size (mm)	INCH	L	H	Carton Size (mm×mm×mm)
8010071141	20	1/2"	60	67.3	
8010071142	25	3/4"	60	67.3	

Lock Ball Valve Key



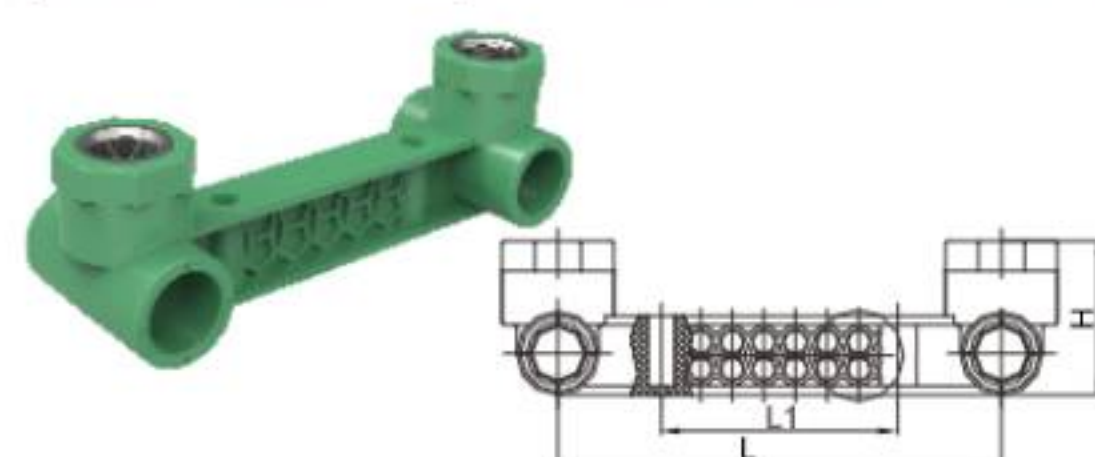
SAP Number	Model	Carton Size (mm×mm×mm)
8010071140	F	

Double Female Thread Elbow with Seat
(Soc×Fipt with Metal Insert)



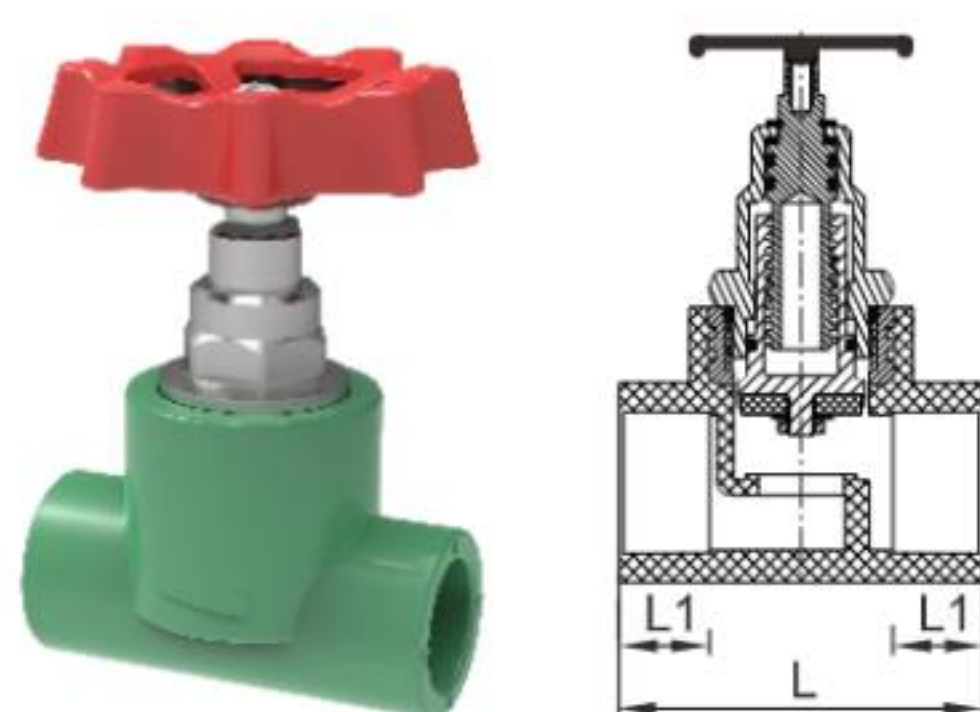
SAP Number	Size (mm)	INCH	L1	L	H	PCS /CTN	Carton Size (mm×mm×mm)
8010072359	20×1/2"	1/2"×1/2"	80	150	51.5	48	410x280x330
8010072360	25×1/2"	1/2"×1/2"	80	150	51.5	48	410x280x330
8010072500	25×3/4"	1/2"×3/4"	80	150	57.9	36	410x280x330
	32×1/2"	1"×1/2"	80	150	63.4	36	410x280x330
8010072842	32×3/4"	1"×3/4"	75	150	63.4	24	410x280x330

Double Female Tee With Seat
(Soc×Soc×Fipt with Metal Insert)



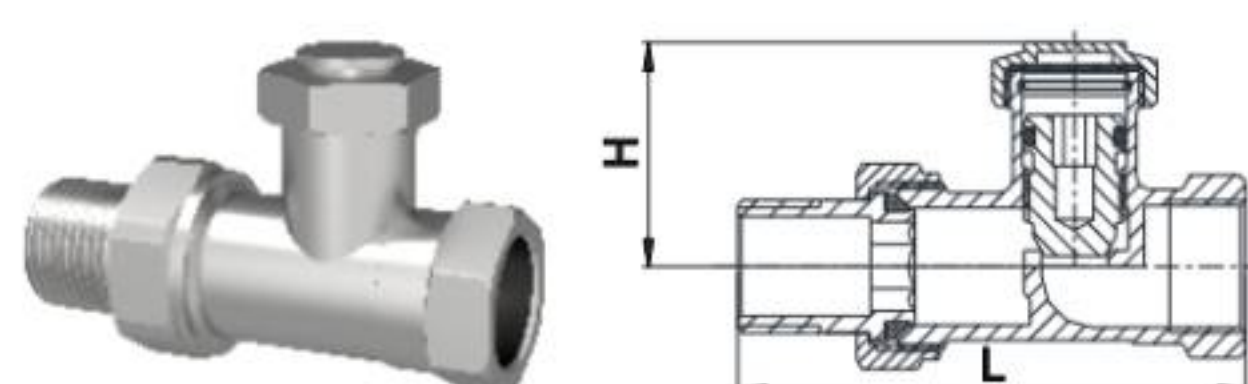
SAP Number	Size (mm)	INCH	L1	L	H	PCS /CTN	Carton Size (mm×mm×mm)
8010072497	20×1/2"	1/2"×1/2"	80	150	51.4	48	410x280x330
8010072498	25×1/2"	3/4"×1/2"	80	150	56.9	36	410x280x330
8010072847	32×1/2"	1"×1/2"	80	150	62.7	36	410x280x330
8010072499	32×3/4"	1"×3/4"	75	150	63.4	24	410x280x330

Stop Valve (Soc×Soc)



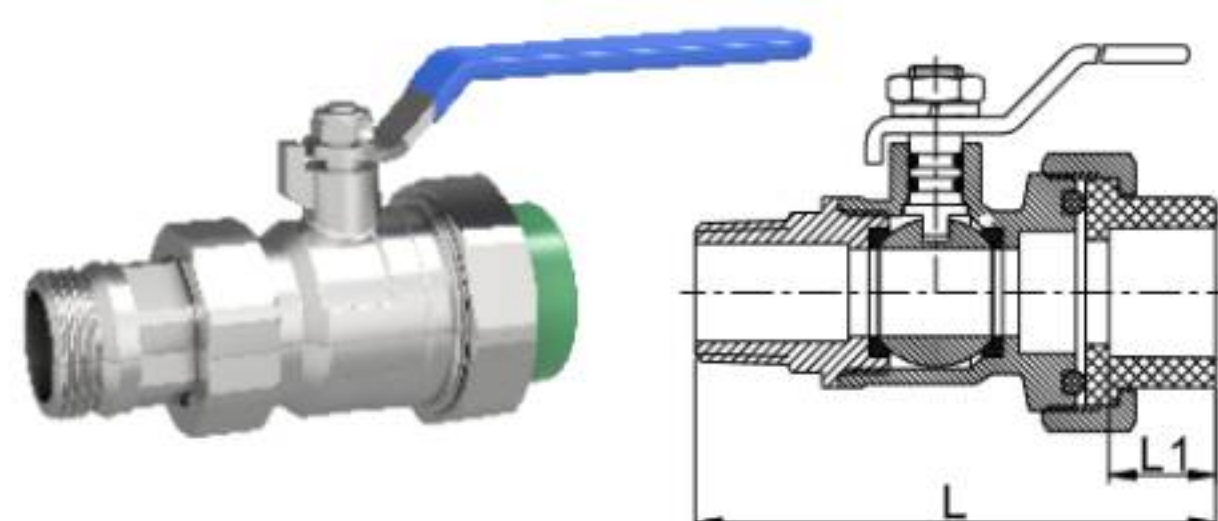
SAP Number	Size (mm)	INCH	L	L1	PCS /CTN	Carton Size (mm×mm×mm)
8010071345	20	1/2"	64	16	72	410x280x330
8010071346	25	3/4"	74	18	60	410x280x330
8010071347	32	1"	82	20.5	36	410x280x330
8010071348	40	1-1/4"	85	22	36	410x280x330
8010071349	50	1-1/2"	115	25	30	410x280x330
8010071350	63	2"	121	29	20	410x280x330
8010072853	75	2-1/2"	129	31.5	12	410x280x330
8010072854	90	3"	184.5	37.5		
8010072855	110	4"	194	42	5	410x280x330

Straight Type Water Return Valve
(Fipt with Metal×Mipt with Metal)



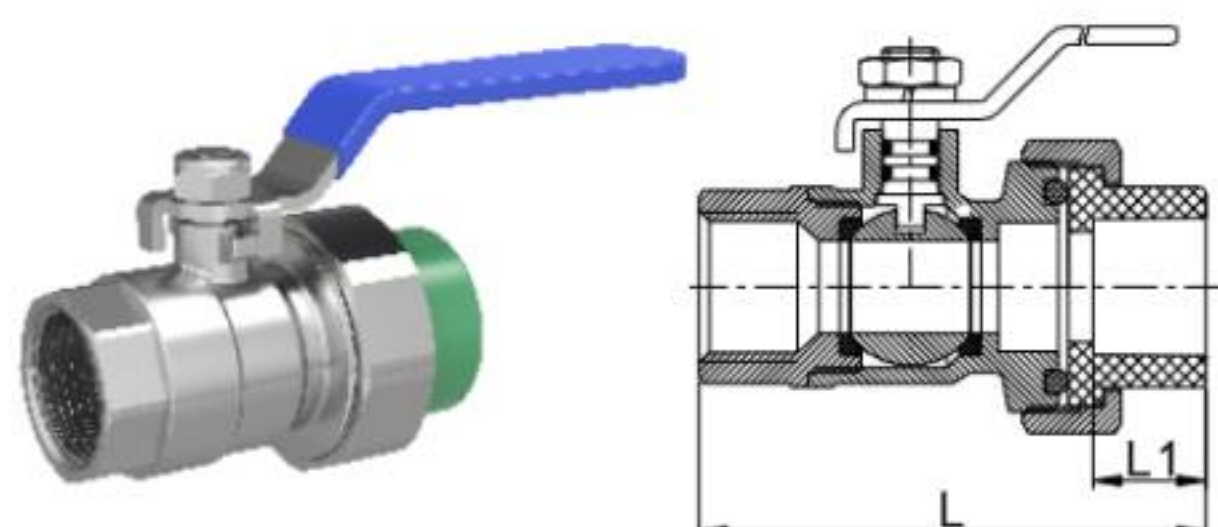
SAP Number	Size (mm)	INCH	L	H	PCS /CTN	Carton Size (mm×mm×mm)
8010071147	1/2"	1/2"	80.5	25		
8010071148	3/4"	3/4"	83.7	35.5		

Male Thread Union Ball Valve
(Soc×Mipt with Metal)



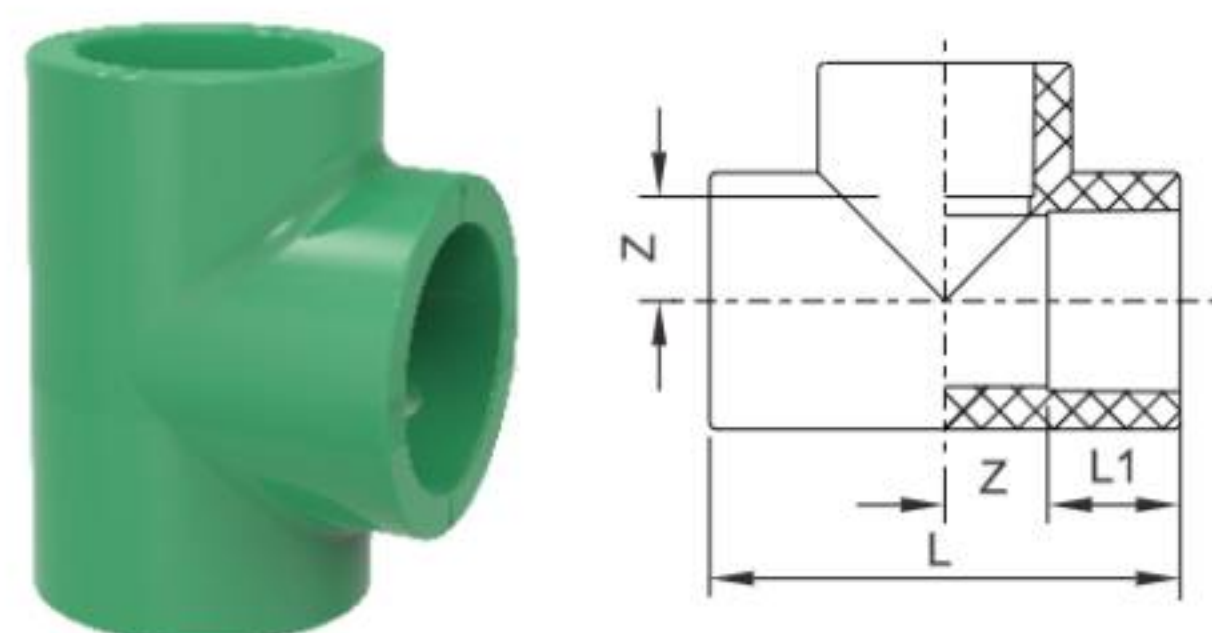
SAP Number	Size (mm)	INCH	L1	L	PCS /CTN	Carton Size (mm×mm×mm)
8010072730	20×1/2"	1/2"×1/2"	16	77.9	120	410x280x330
8010072731	25×3/4"	3/4"×3/4"	18	83.9	96	410x280x330
8010072732	32×1"	1"×1"	20	95.7	48	410x280x330
	40×1-1/4"	1-1/4"×1-1/4"	22.5	111.5	30	410x280x330
8010072760	50×1-1/2"	1-1/2"×1-1/2"	25.5	121	24	410x280x330
8010072762	63×2"	2"×2"	29.5	138.3	12	410x280x330

Female Thread Union Ball Valve
(Soc×Fipt with Metal)



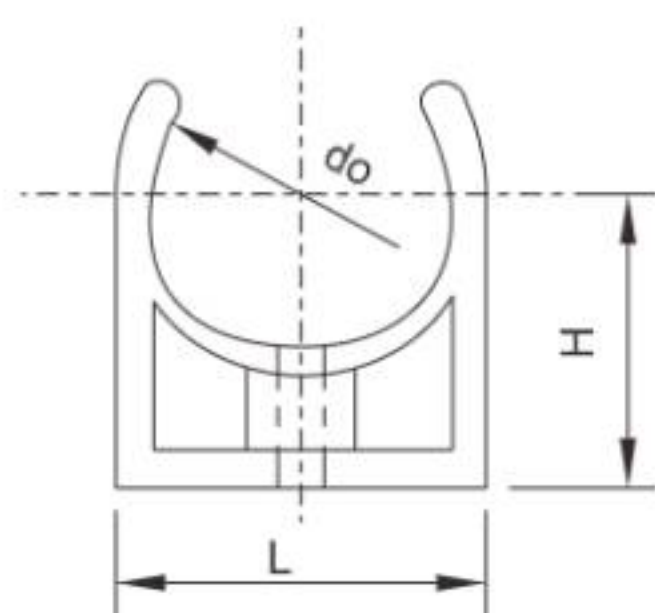
SAP Number	Size (mm)	INCH	L1	L	PCS /CTN	Carton Size (mm×mm×mm)
8010072736	20×1/2"	1/2"×1/2"	16	71.9	120	410x280x330
8010072737	25×3/4"	3/4"×3/4"	18	75.4	72	410x280x330
8010072738	32×1"	1"×1"	20	85.7	48	410x280x330
	40×1-1/4"	1-1/4"×1-1/4"	22.5	103.5	24	410x280x330
8010072761	50×1-1/2"	1-1/2"×1-1/2"	25.5	114	18	410x280x330
8010072763	63×2"	2"×2"	29.5	128.3	12	410x280x330

Tee (Soc×Soc)



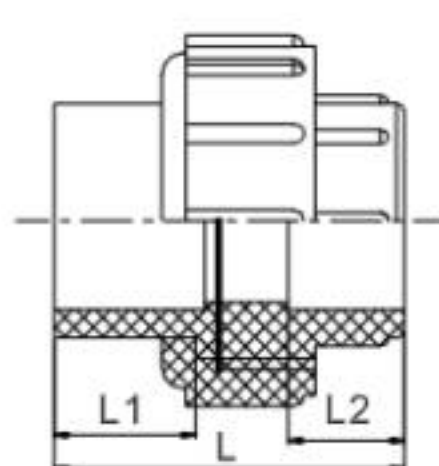
SAP Number	Size (mm)	INCH	Z	L1	L	PCS /CTN	Carton Size (mm×mm×mm)
8010071411	20	1/2"	10	16	54	360	410x280x330
8010071412	25	3/4"	14	18	64	240	410x280x330
8010071413	32	1"	17.8	20	75.5	140	410x280x330
8010071414	40	1-1/4"	21.5	22.5	88	90	410x280x330
8010071415	50	1-1/2"	26.5	25.5	104	100	560x420x330
8010071416	63	2"	32.5	29.5	124	60	560x420x330
8010071417	75	2-1/2"	37.8	31.5	138.5	30	560x420x330
8010071418	90	3"	45.5	37.5	166	20	560x420x330
8010071419	110	4"	55.5	42	195	12	560x420x330
8010071420	160	6"	91.5	58.5	300	4	560x420x330

Pipe Clamp



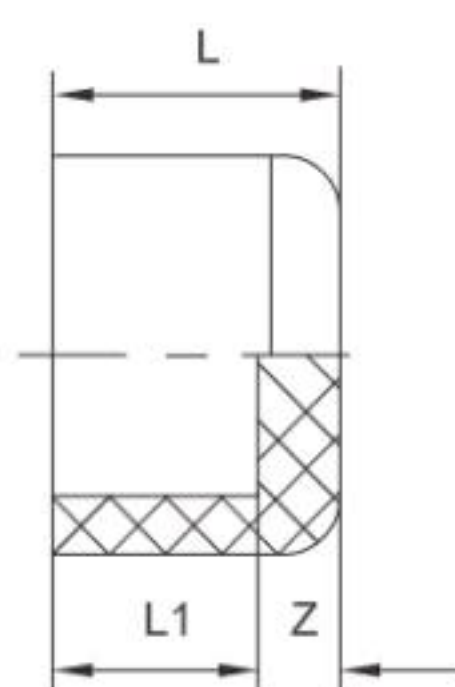
SAP Number	Size (mm)	INCH	L	do	H	PCS /CTN	Carton Size (mm×mm×mm)
8010071430	20	1/2"	27.5	19	22	1080	410x280x330
8010071431	25	3/4"	32	24.6	24.5	1050	410x280x330
8010071432	32	1"	39	31.5	28.5	840	410x280x330
8010071433	40	1-1/4"	47.5	38.5	32	480	410x280x330
8010071434	50	1-1/2"	57.5	48.5	37	360	410x280x330

Union (Soc×Soc)



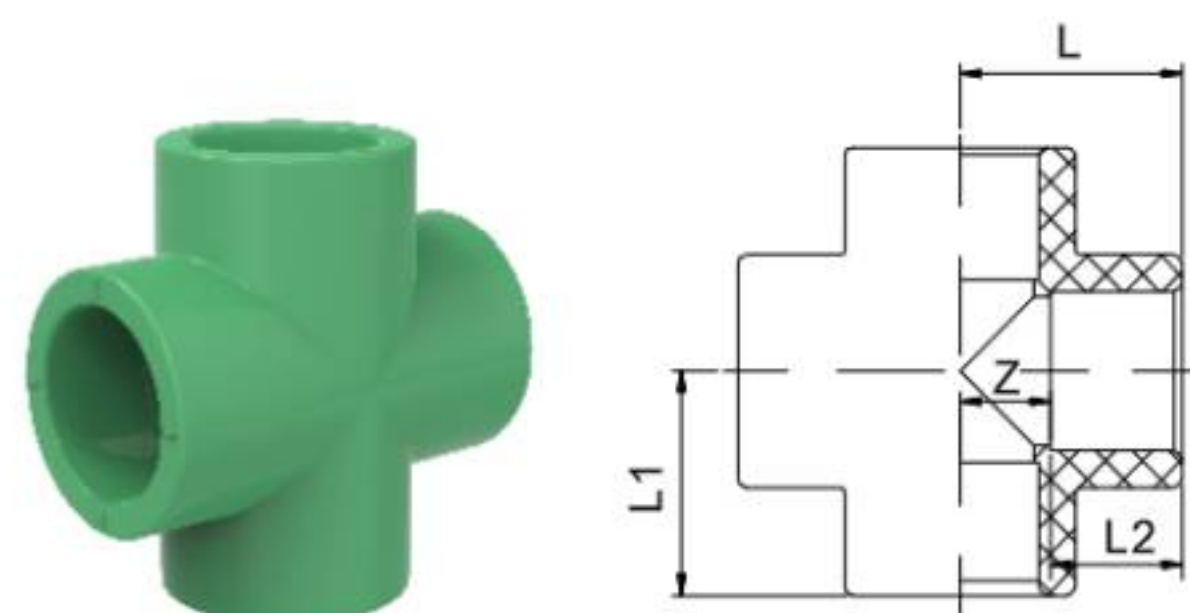
SAP Number	Size (mm)	INCH	L1	L2	L	PCS /CTN	Carton Size (mm×mm×mm)
8010071338	20	1/2"	16	16	45	240	410x280x330
8010071339	25	3/4"	18	17	48	200	410x280x330
8010071340	32	1"	20.5	18	58	108	410x280x330
	40	1-1/4"	19.3	22.5	70.8	60	410x280x330

Cap (Soc)



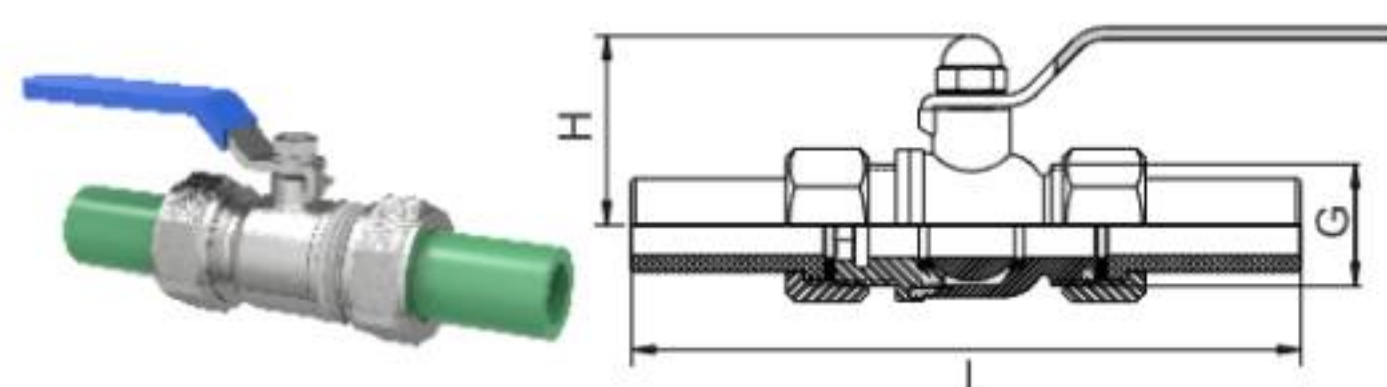
SAP Number	Size (mm)	INCH	Z	L1	L	PCS /CTN	Carton Size (mm×mm×mm)
8010071421	20	1/2"	4.5	16	20.5	1290	410x280x330
8010071422	25	3/4"	4.5	17	22.5	900	410x280x330
8010071423	32	1"	6.5	20	26.5	420	410x280x330
8010071424	40	1-1/4"	8	22.5	30.5	306	410x280x330
8010071425	50	1-1/2"	9.5	25.5	35	180	410x280x330
8010071426	63	2"	12	29.5	41.5	180	560x420x330
8010071427	75	2-1/2"	13	31	44	140	560x420x330
8010071428	90	3"	15.5	35.5	51	80	560x420x330
8010071429	110	4"	18	42	60	40	560x420x330
8010071736	160	6"	48.5	58.5	107	14	560x420x330

Cross (Soc×Soc×Soc×Soc)



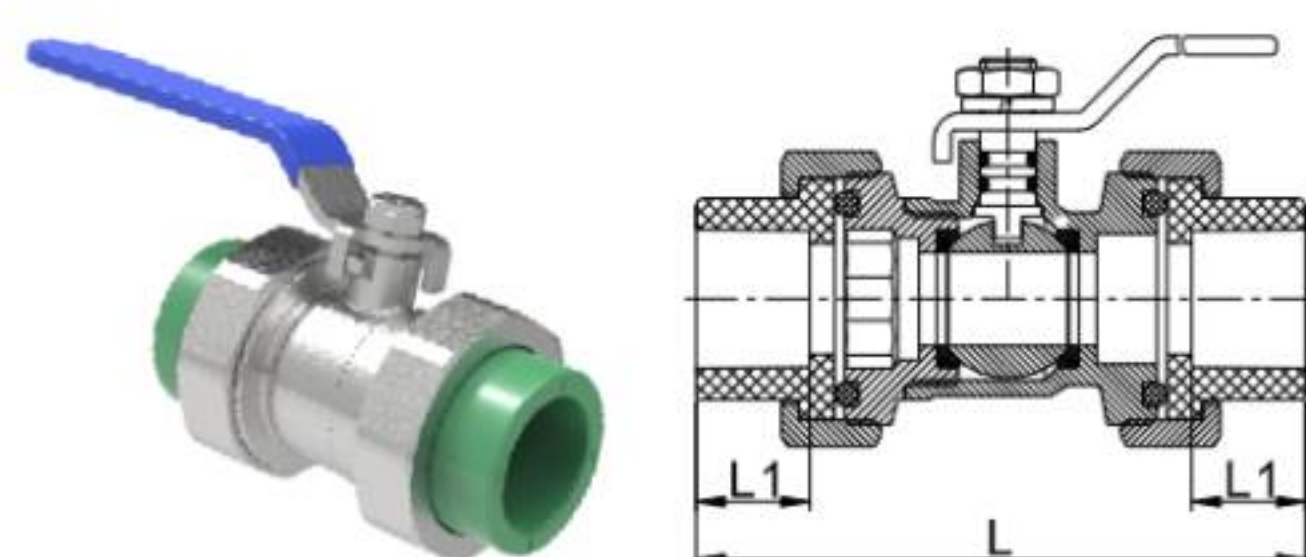
SAP Number	Size (mm)	INCH	Z	L1	L	L2	PCS /CTN	Carton Size (mm×mm×mm)
8010072477	20	1/2"	11	27	27	16	300	410x280x330
8010072478	25	3/4"	14.8	32.8	32.8	18	192	410x280x330
8010072479	32	1"	17.8	37.8	37.8	20	105	410x280x330
8010072686	40	1-1/4"	22.3	44.8	44.8	22.5	63	410x280x330
8010072687	50	1-1/2"	27.5	53	53	25.5	60	560x420x330

Ball Valve (Spig×Spig)



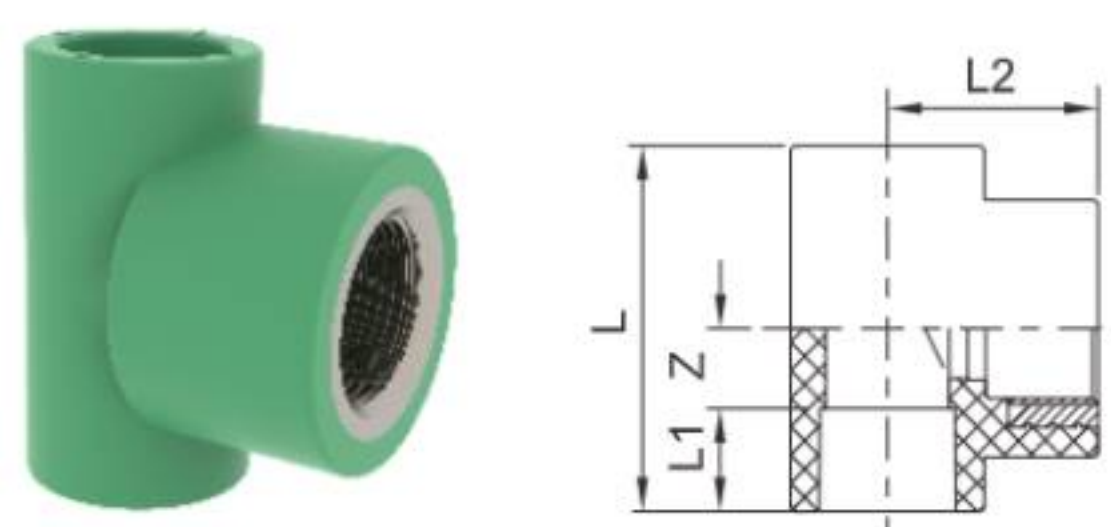
SAP Number	Size (mm)	INCH	L	G	H	PCS /CTN	Carton Size (mm×mm×mm)
8010072514	20	1/2"	142	3/4"	35	96	410x280x330
8010072515	25	3/4"	153	1"	37	72	410x280x330
8010072516	32	1"	172	1 1/4"	47.5	36	410x280x330

Ture Union Ball Valve (Socket Type)II (Soc×Soc)



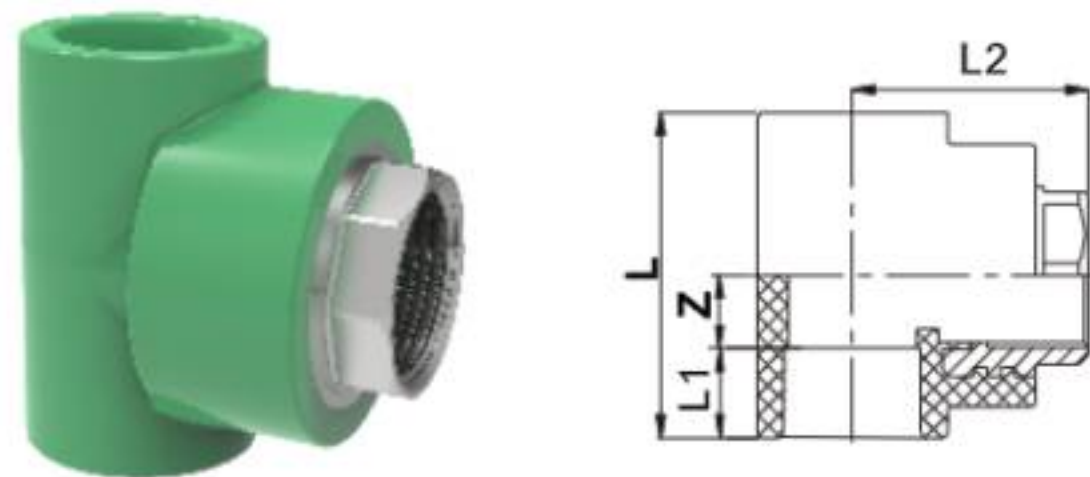
SAP Number	Size (mm)	INCH	L1	L	PCS /CTN	Carton Size (mm×mm×mm)
8010071342	20	1/2"	16	85.8	96	410x280x330
8010071343	25	3/4"	18	93.8	72	410x280x330
8010071344	32	1"	20	103.2	36	410x280x330
8010072739	40	1-1/4"	22.5	120	24	410x280x330
8010072740	50	1-1/2"	25.5	133.5	12	410x280x330
8010072741	63	2"	29.5	152.5	6	410x280x330

Female Thread Tee I (Soc×Soc×Fipt with Metal Insert)



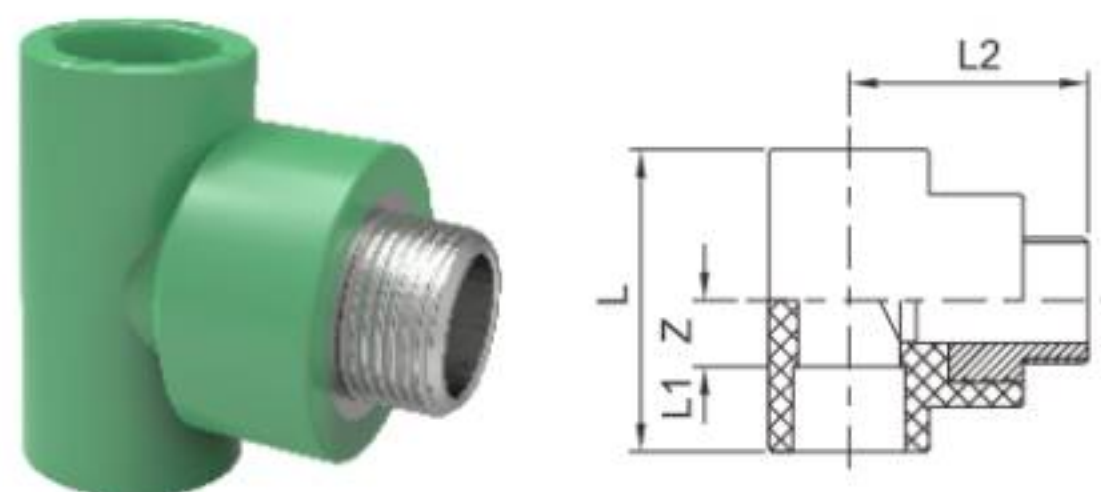
SAP Number	Size (mm)	INCH	Z	L2	L1	L	PCS /CTN	Carton Size (mm×mm×mm)
8010071471	20×1/2"	1/2"	11.5	38	16	55	192	410x280x330
8010072484	20×3/4"	1/2"×3/4"	13.5	38.5	16	59	168	410x280x330
8010071472	25×1/2"	3/4"×1/2"	12	41	18	60	150	410x280x330
8010071473	25×3/4"	3/4"	13.5	40.5	18	63	120	410x280x330
8010071474	32×1/2"	1"×1/2"	11.8	41.5	20	63.5	120	410x280x330
8010071475	32×3/4"	1"×3/4"	14.5	42	20	69	108	410x280x330

Female Thread Tee II
(Soc×Soc×Fipt with Metal Insert)



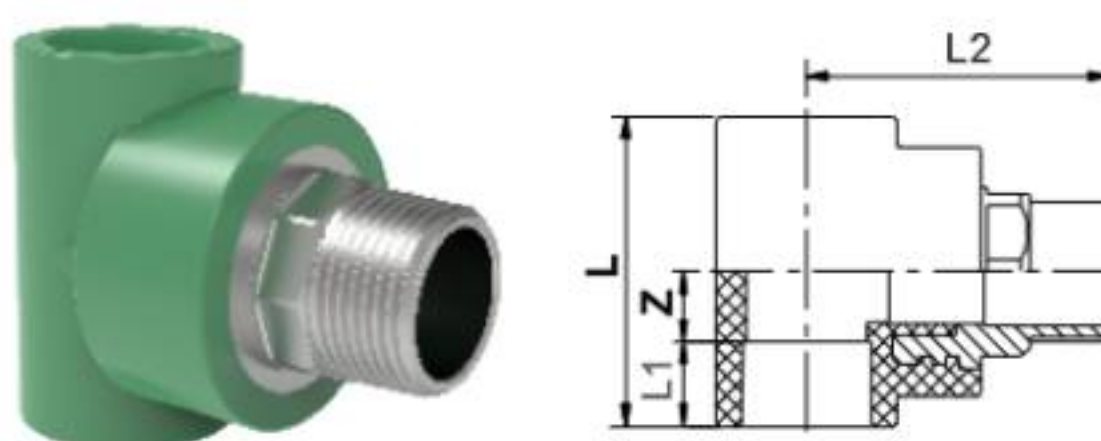
SAP Number	Size (mm)	INCH	Z	L2	L1	L	PCS /CTN	Carton Size (mm×mm×mm)
8010072742	20×1/2"	1/2"×1/2"	13	44	16	58		
8010071476	32×1"	1"×1"	16.5	53.5	20	73	60	410x280x330
8010072773	40×1-1/4"	1-1/4"×1-1/4"	28.5	65	22.5	102	24	410x280x330
8010072774	50×1-1/2"	1-1/2"×1-1/2"	32	70	25.5	115	18	410x280x330
8010073712	63×2"	2"×2"	38	82	29.5	135	12	410x280x330
	75×2-1/2"	2-1/2"×2-1/2"	46	96	31.5	155		

Male Thread Tee I
(Soc×Soc×Mipt with Metal Insert)



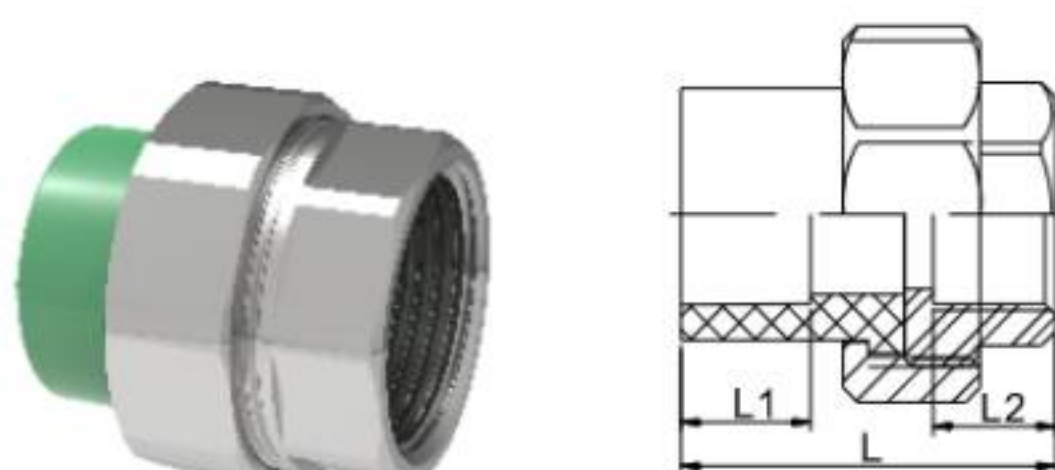
SAP Number	Size (mm)	INCH	Z	L2	L1	L	PCS /CTN	Carton Size (mm×mm×mm)
8010071477	20×1/2"	1/2"	11.5	49.5	16	55	180	410x280x330
V010071478	20×3/4"	1/2"×3/4"	13.5	50	16	59	150	410x280x330
8010071479	25×1/2"	3/4"×1/2"	12	52.5	18	60	150	410x280x330
8010071480	25×3/4"	3/4"	13.5	52.5	18	63	120	410x280x330
8010071481	32×1/2"	1"×1/2"	11.8	56	20	63.5	120	410x280x330
8010071482	32×3/4"	1"×3/4"	14.5	56	20	69	90	410x280x330
	40×3/4"	1-1/4"×3/4"	15	60	22.5	75		

Male Thread Tee II
(Soc×Soc×Mipt with Metal Insert)



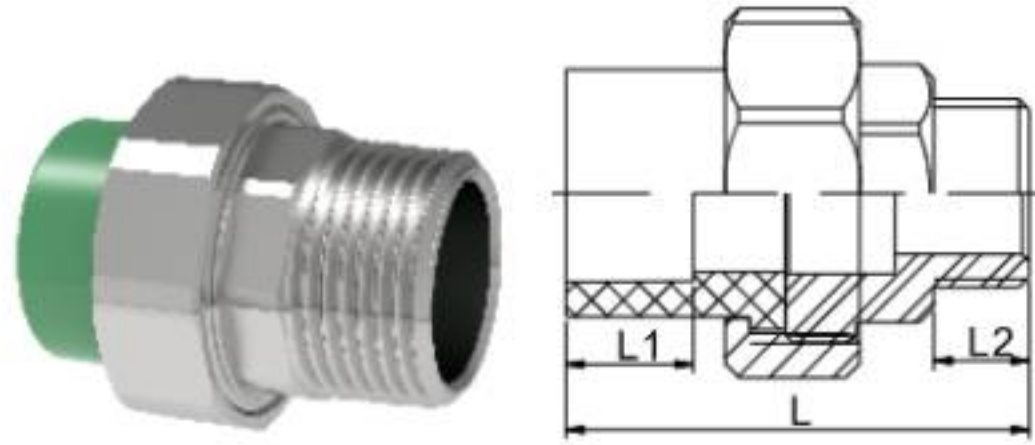
SAP Number	Size (mm)	INCH	Z	L2	L1	L	PCS /CTN	Carton Size (mm×mm×mm)
8010072835	25×1"	3/4"×1"	25	71.5	18	80		
8010071483	32×1"	1"	16.5	72.5	20	73	60	410x280x330
8010072840	40×1"	1-1/4"×1"	21.5	79	22.5	88		
8010072777	40×1-1/4"	1-1/4"	28.5	86	22.5	102	24	410x280x330
8010072841	50×1"	1-1/2"×1"	19.5	86	25.5	90	24	410x280x330
8010071875	50×1-1/4"	1-1/2"	32	91	25.5	115		
8010072778	50×1-1/2"	1-1/2"×1-1/2"	32	91	25.5	115	18	410x280x330
8010072779	63×2"	2"×2"	33.5	107	29.5	126	12	410x280x330
8010072780	75×2-1/2"	2-1/2"×2-1/2"	41	124.5	31.5	145		

Female Thread Union
(Soc×Fipt with Metal Insert)



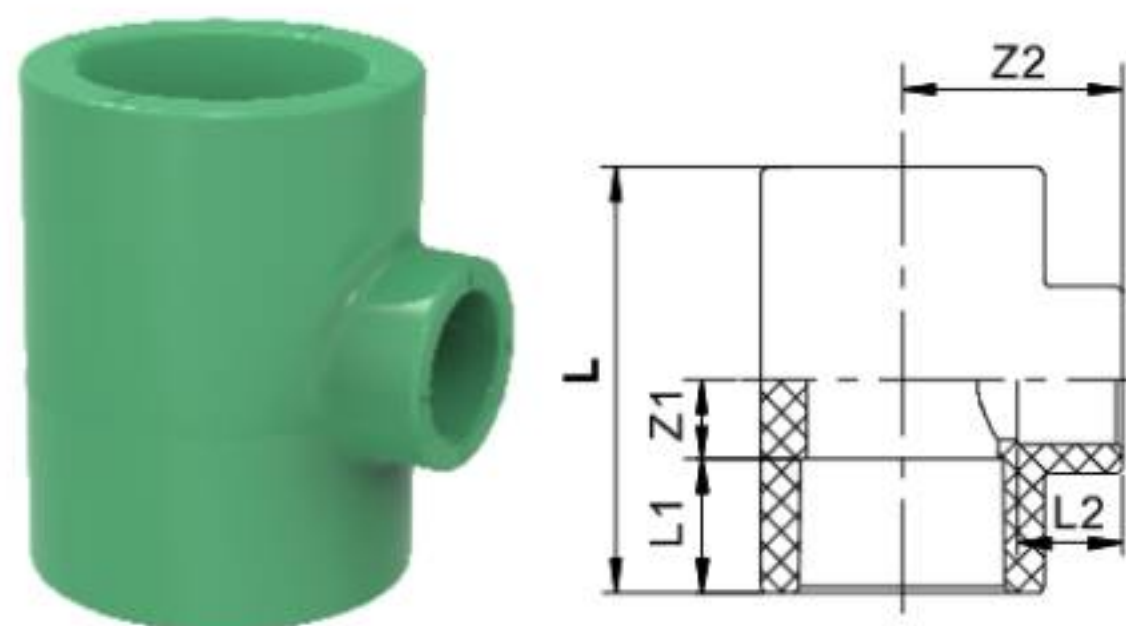
SAP Number	Size (mm)	INCH	L1	L2	L	PCS /CTN	Carton Size (mm×mm×mm)
8010072270	20×1/2"	1/2"	16	16	42	300	410x280x330
8010072271	25×3/4"	3/4"	18	17	47	180	410x280x330
8010072305	25×1"	3/4"×1"	18	18	56.5	180	410x280x330
8010072306	32×3/4"	1"×3/4"	20.5	15	56	120	410x280x330
8010072355	32×1"	1"	20.5	18	52	120	410x280x330
	40×1-1/4"	1-1/4"×1-1/4"	22.5	25	51.5	36	410x280x330
8010073615	50×1-1/2"	1-1/2"×1-1/2"	25.5	23	52.5	48	410x280x330
8010073616	63×2"	2"×2"	29.5	25	66.5	24	410x280x330

Male Thread Union
(Soc×Mipt with Metal Insert)



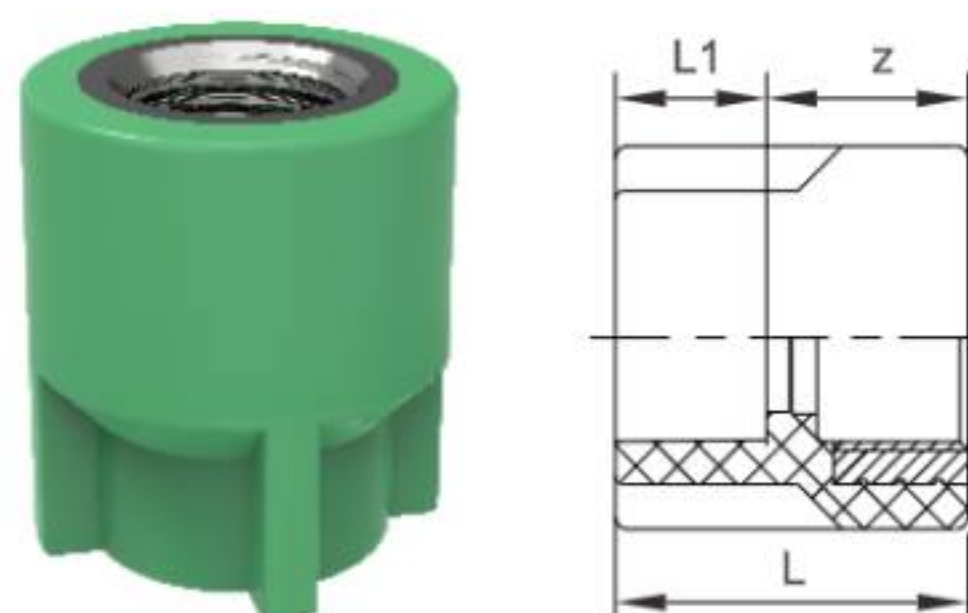
SAP Number	Size (mm)	INCH	L1	L2	L	PCS /CTN	Carton Size (mm×mm×mm)
8010072272	20×1/2"	1/2"	16.5	72.5	20	300	410x280x330
8010072273	25×3/4"	3/4"	28.5	86	22.5	180	410x280x330
8010072307	25×1"	3/4"×1"	32	91	22.5	180	410x280x330
8010072308	32×3/4"	1"×3/4"				120	410x280x330
8010072356	32×1"	1"				108	410x280x330
8010072850	40×1 1/4"	5.92"				36	410x280x330
8010072852	50×1-1/2"	9.66"				36	410x280x330
8010072851	63×2"	16.53"				24	410x280x330

Reducing Tee (Soc×Soc×Soc)



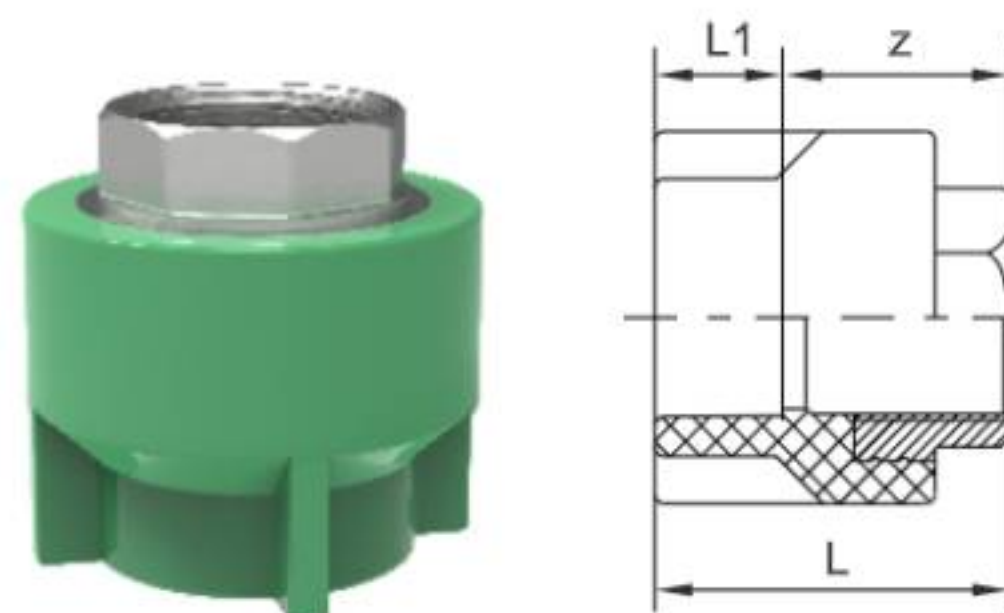
SAP Number	Size (mm)	INCH	Z1	Z2	L1	L2	L	PCS /CTN	Carton Size (mm×mm×mm)
8010072475	20×25×20	1/2"×3/4"×1/2"	13.5	29.5	16	18	59	250	410x280x330
8010071360	25×20	3/4"×1/2"	11.5	29.5	18	16	59	280	410x280x330
8010072476	25×20×20	3/4"×1/2"×1/2"	13	28.5	18	16	59	250	410x280x330
8010071361	32×20	1"×1/2"	12	33.5	20	18	64	160	410x280x330
8010071362	32×25	1"×3/4"	14	35	20	18	68	150	410x280x330
8010071363	40×20	1-1/4"×1/2"	12	37.5	22.5	16	69	112	410x280x330
8010071364	40×25	1-1/4"×3/4"	14.5	40.5	22.5	18	74	112	410x280x330
8010071365	40×32	1-1/4"×1"	17.5	42	22.5	20	80	88	410x280x330
8010071366	50×20	1-1/2"×1/2"	11.3	42.2	25.5	16	73.5	180	560x420x330
8010071367	50×25	1-1/2"×3/4"	13.5	44	25.5	18	78	168	560x420x330
8010071368	50×32	1-1/2"×1"	17.5	47.3	25.5	20	86	120	560x420x330
8010071369	50×40	1-1/2"×1-1/4"	21.5	49.3	22.5	22.5	94	120	560x420x330
8010071370	63×25	2"×3/4"	13.2	42.5	29.5	18	85.6	96	560x420x330
8010071371	63×32	2"×1"	16.5	55.5	29.5	20	92	96	560x420x330
8010071372	63×40	2"×1-1/4"	20.5	54	29.5	22.5	100	80	560x420x330
8010071373	63×50	2"×1-1/2"	25.8	56.8	29.5	25.5	110.5	60	560x420x330
8010072304	75×32	2-1/2"×1"	17	62	31.5	20	97	60	560x420x330
8010071374	75×40	2-1/2"×1-1/4"	21	59.5	31.5	22.5	105	50	560x420x330
8010071375	75×50	2-1/2"×1-1/2"	25.5	62.5	31.5	25.5	114	50	560x420x330
8010071376	75×63	2-1/2"×2"	32	67.2	31.5	29.5	127	36	560x420x330
8010071352	90×40	3"×1-1/4"	21.3	74	37.5	22.5	117.5	30	560x420x330
8010071353	90×50	3"×1-1/2"	26	71.5	37.5	25.5	127	28	560x420x330
8010071354	90×63	3"×2"	32.3	75	37.5	29.5	139.5	28	560x420x330
8010071355	90×75	3"×2-1/2"	37.5	77.5	37.5	31.5	150	25	560x420x330
8010071356	110×50	4"×1-1/2"	27.8	79.5	42	25.5	139.5	18	560x420x330
8010071357	110×63	4"×2"	33.8	84	42	29.5	151.5	15	560x420x330
8010071358	110×75	4"×2-1/2"	39	87.5	42	31.5	162	15	560x420x330
8010071359	110×90	4"×3"	46	91.5	42	37.5	176	14	560x420x330
	160×110	6"×4"	59	125	58.5	42	235		

**Female Thread Adapter I
(Soc×Fipt with Metal Insert)**



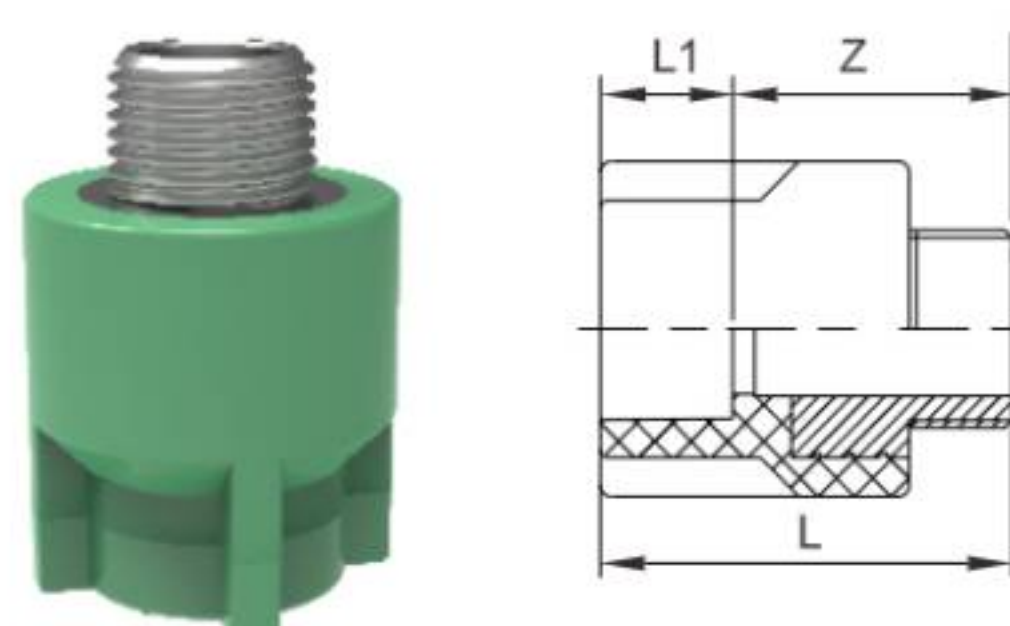
SAP Number	Size (mm)	INCH	Z	L1	L	PCS /CTN	Carton Size (mm×mm×mm)
8010071387	20×1/2"	1/2"	26.5	16	42.5	288	410x280x330
8010072347	20×3/4"	1/2"×3/4"	26	16	42	240	410x280x330
8010071388	25×1/2"	3/4"×1/2"	26.5	18	44.5	300	410x280x330
8010071389	25×3/4"	3/4"	27	18	45	180	410x280x330
8010072348	32×1/2"	1"×1/2"	31	20	51	180	410x280x330
8010071731	32×3/4"	1"×3/4"	27.5	20	47.5	210	410x280x330

**Female Thread Adapter II
(Soc×Fipt with Metal Insert)**



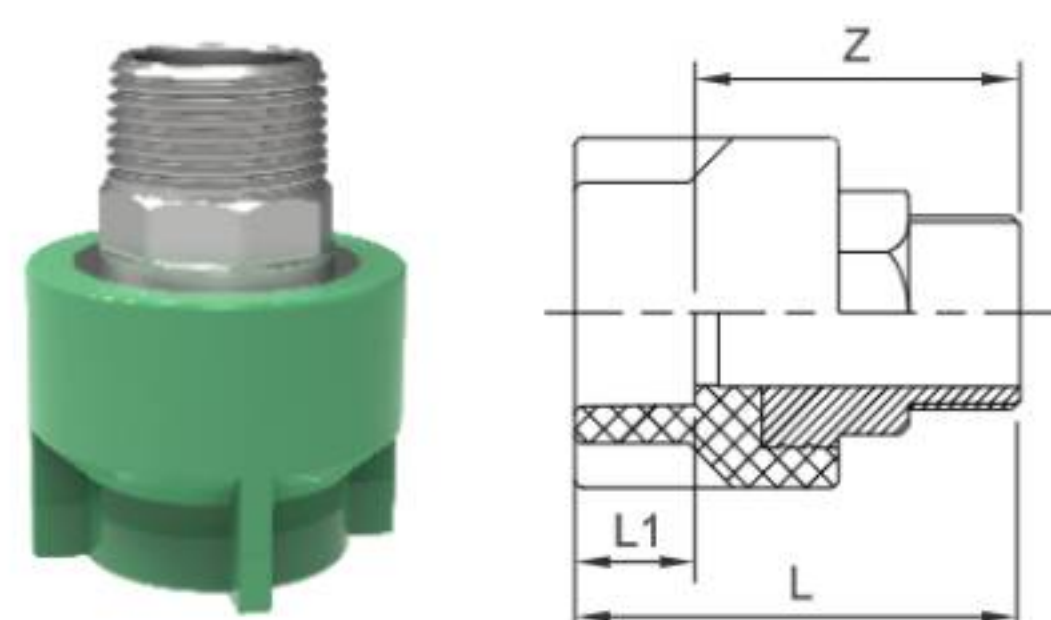
SAP Number	Size (mm)	INCH	Z	L1	L	PCS /CTN	Carton Size (mm×mm×mm)
8010072480	20×1/2"	1/2"	34	16	50	300	410x280x330
8010072481	20×3/4"	1/2"×3/4"	38.5	16	54.5	192	410x280x330
8010072482	25×3/4"	3/4"	39.5	18	57.5	180	410x280x330
8010071390	32×1"	1"	38	20	58	96	410x280x330
8010072349	40×1"	1-1/4"×1"	37	22	59	84	410x280x330
8010071391	40×1-1/4"	1-1/4"	43	22.5	65.5	48	410x280x330
8010072749	50×1-1/4"	1-1/2"×1-1/4"	41.5	25.5	67	48	410x280x330
8010071392	50×1-1/2"	1-1/2"	42.5	25.5	68	36	410x280x330
8010071393	63×2"	2"	46.5	29.5	76	36	410x280x330
8010072357	75×2"	2-1/2"×2"	47	31.5	78.5	36	410x280x330

**Male Thread Adapter I
(Soc×Mipt with Metal Insert)**



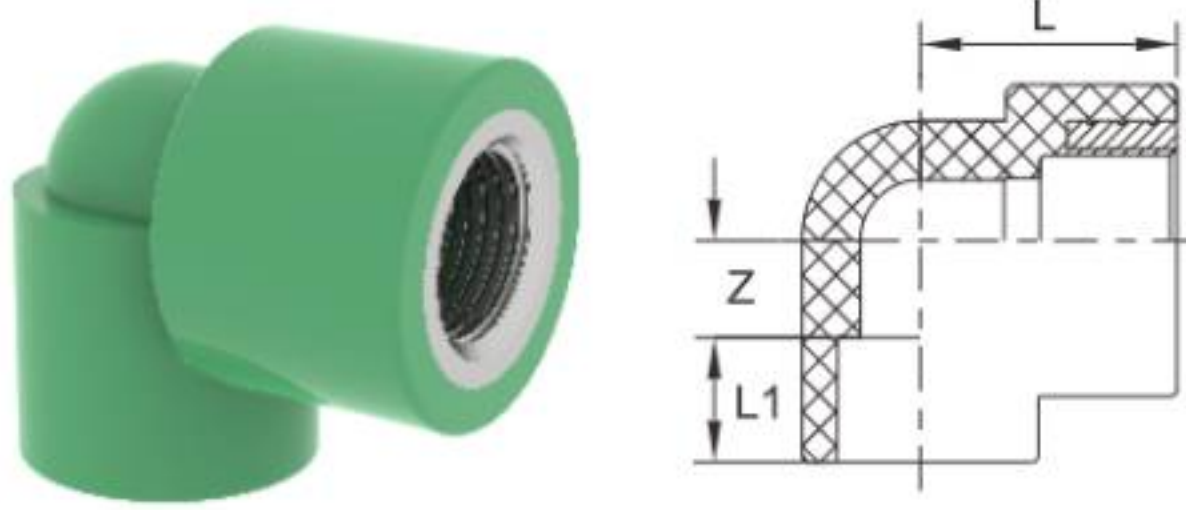
SAP Number	Size (mm)	INCH	Z	L1	L	PCS /CTN	Carton Size (mm×mm×mm)
8010071491	20×1/2"	1/2"	38	16	54	240	410x280x330
8010072350	20×3/4"	1/2"×3/4"	38	16	54	180	410x280x330
8010071492	25×1/2"	3/4"×1/2"	38	18	56	210	410x280x330
8010071493	25×3/4"	3/4"	38.5	18	56.5	180	410x280x330
8010071494	32×1/2"	1"×1/2"	45	20	65	180	410x280x330
8010071732	32×3/4"	1"×3/4"	51.5	20	71.5	180	410x280x330

**Male Thread Adapter II
(Soc×Mipt with Metal Insert)**



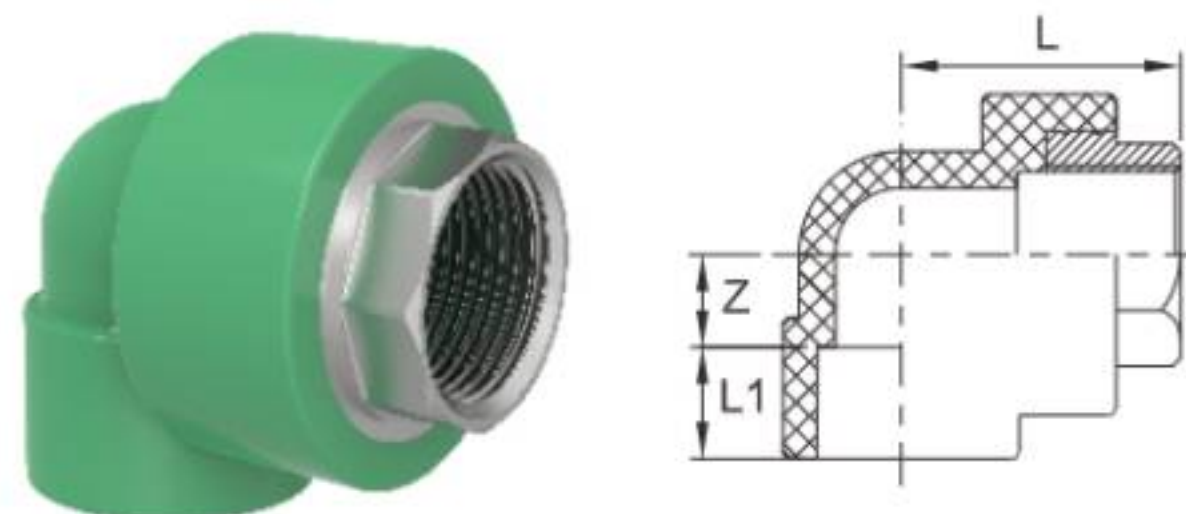
SAP Number	Size (mm)	INCH	Z	L1	L	PCS /CTN	Carton Size (mm×mm×mm)
8010071616	32×1"	1"	57	20	77	72	410x280x330
8010072351	40×1"	1-1/4"×1"	56	22	78	48	410x280x330
8010071495	40×1-1/4"	1-1/4"	64	22.5	86.5	48	410x280x330
8010072755	50×1-1/4"	1-1/2"×1-1/4"	62.5	25.5	88	36	410x280x330
8010071496	50×1-1/2"	1-1/2"	63.5	25.5	89	36	410x280x330
8010071497	63×2"	2"	71.5	29.5	101	24	410x280x330
8010072358	75×2"	2-1/2"×2"	75.5	31.5	107	24	410x280x330

**Female Thread Elbow I
(Soc×Fipt with Metal Insert)**



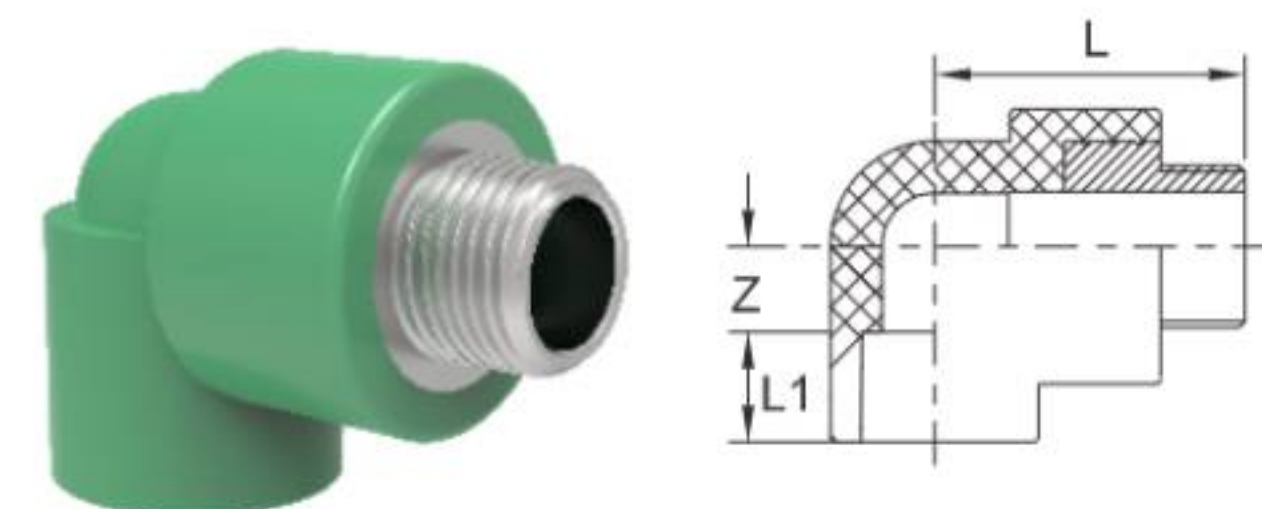
SAP Number	Size (mm)	INCH	Z	L	L1	PCS /CTN	Carton Size (mm×mm×mm)
8010071733	20×1/2"	1/2"	11.5	37.5	16	210	410x280x330
8010072354	20×3/4"	1/2"×3/4"	13.1	38.5	16	210	410x280x330
8010071394	25×1/2"	3/4"×1/2"	12	40.5	18	180	410x280x330
8010071395	25×3/4"	3/4"	13	41	18	180	410x280x330
8010072485	32×1/2"	1"×1/2"	15	42	20	150	410x280x330
8010071734	32×3/4"	1"×3/4"	18	42	20		

**Female Thread Elbow II
(Soc×Fipt with Metal Insert)**



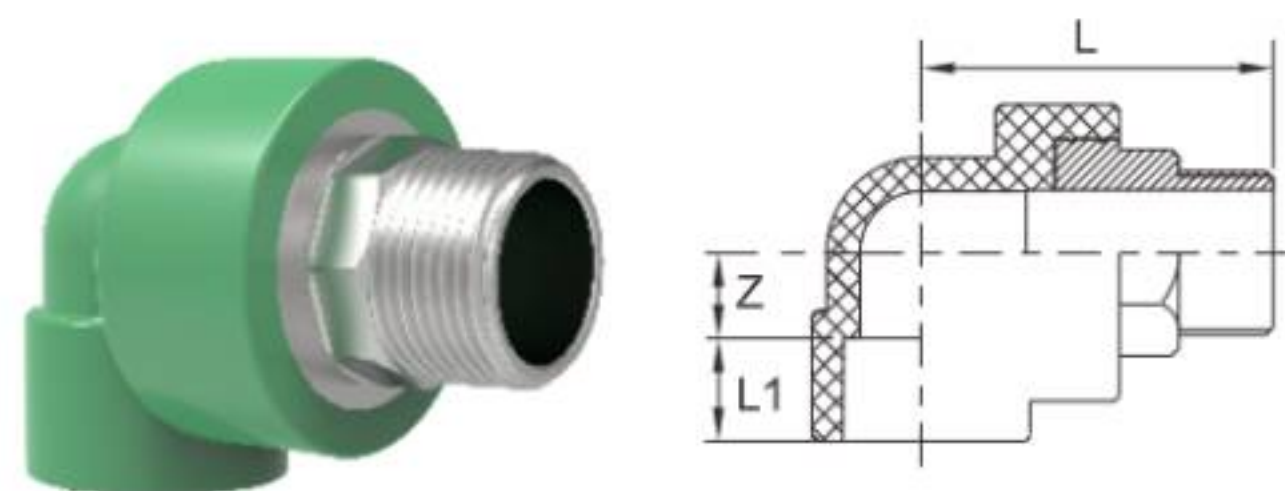
SAP Number	Size (mm)	INCH	Z	L	L1	PCS /CTN	Carton Size (mm×mm×mm)
8010072744	20×1/2"	1/2"	13	44	16	240	410x280x330
8010071396	32×1"	1"	16.5	54.5	20	72	410x280x330
8010072775	40×1-1/4"	1-1/4"	28.5	65	22.5	36	410x280x330
8010072767	50×1-1/2"	1-1/2"	32	70	25.5	36	410x280x330
8010072776	63×2"	2"×2"	38	82	29.5	18	410x280x330
	75×2-1/2"	2-1/2"×2-1/2"	41	77.5	33.5		

**Male Thread Elbow I
(Soc×Mipt with Metal Insert)**



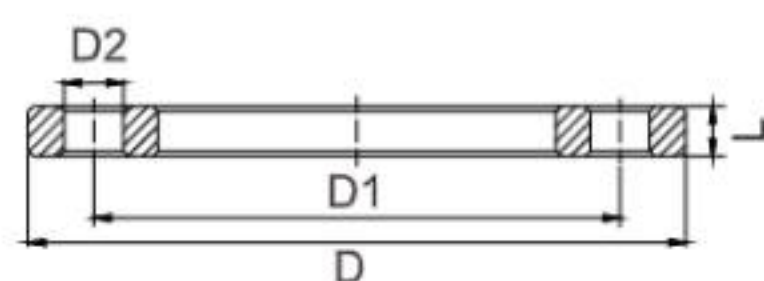
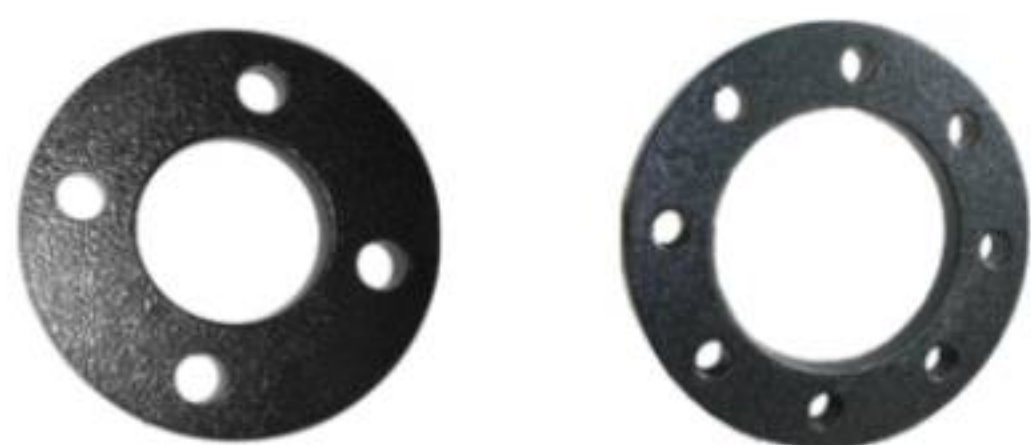
SAP Number	Size (mm)	INCH	Z	L	L1	PCS /CTN	Carton Size (mm×mm×mm)
8010071397	20×1/2"	1/2"	11.5	49	16	240	410x280x330
8010072352	20×3/4"	1/2"×3/4"	13.1	50	16	150	410x280x330
8010071398	25×1/2"	3/4"×1/2"	12	52	18	210	410x280x330
8010071399	25×3/4"	3/4"	17	52.5	18	150	410x280x330
8010072483	32×1/2"	1"×1/2"	15	56	20	150	410x280x330
8010071735	32×3/4"	1"×3/4"	18	56	20	120	410x280x330

**Male Thread Elbow II
(Soc×Mipt with Metal Insert)**



SAP Number	Size (mm)	INCH	Z	L	L1	PCS /CTN	Carton Size (mm×mm×mm)
8010071400	32×1"	1"	21	73.5	20	72	410x280x330
8010072768	40×1-1/4"	1-1/4"	28.5	86	22.5	36	410x280x330
8010072848	50×1-1/2"	1-1/2"×1-1/2"	32	91	25.5	24	410x280x330
8010072769	63×2"	2"	33.5	107	29.5	24	410x280x330
8010072770	75×2-1/2"	2-1/2"×2-1/2"	41	124.5	31.5	6	410x280x330

Flange (Steel Tray)



SAP Number	Size (mm)	INCH	D	D1	D2	L	PCS /CTN	Carton Size (mm×mm×mm)
8010070234	40	1-1/4"	140	100	18	10		
8010070235	50	1-1/2"	150	110	18	10		
8010070236	63	2"	160	125	18	12		
8010070237	75	2-1/2"	185	145	18	15		
8010070238	90	3"	200	160	18	15		
8010070232	110	4"	220	180	18	15		
8010070233	160	6"	285	240	22	18		

Rubber Gasket



SAP Number	Size (mm)	INCH	PCS /CTN	Carton Size (mm×mm×mm)
8010070749	40	1-1/4"		
8010070750	50	1-1/2"		
8010070751	63	2"		
8010070752	75	2-1/2"		
8010070753	90	3"		
8010070747	110	4"		
8010070748	160	6"		



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