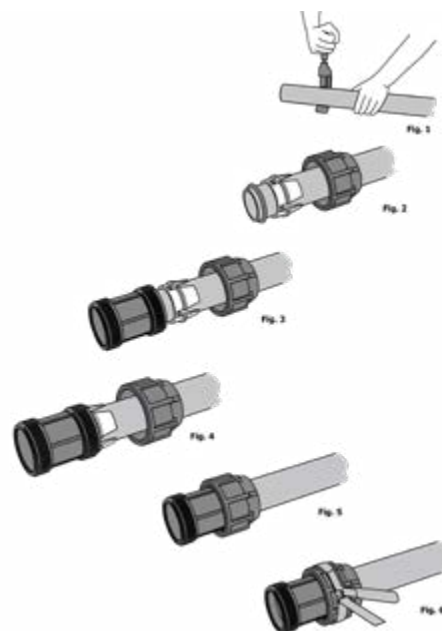


COUPLING

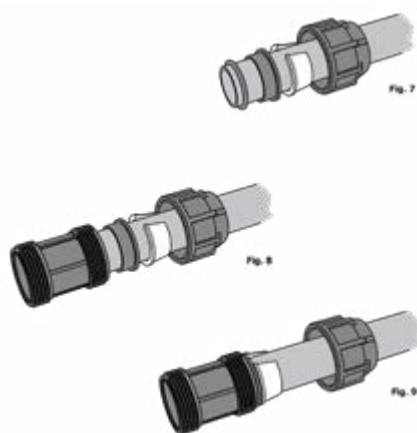
16-63mm

- Use a pipe cutter to cut pipe at 90° to its axis. Fig 1
- Insert over the pipe end in the following order: nut, clinch ring and O-ring on the mouth of the pipe. Fig 2
- Insert the pipe end and O-ring into the body of the joint; up to the insertion depth tab. Fig 3
- Push the clinch ring into the body of the joint. Fig 4
- Engage the nut and fully tighten. The nut can be tightened manually up to fittings of 32 mm diameter. It is advisable to use a strap or plumbing wrench for larger diameter fittings. Fig 5 & 6



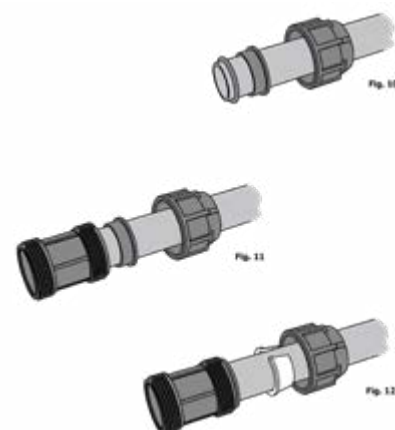
75-90mm

- Use a pipe cutter to cut pipe at 90° to its axis. Fig 1
- Insert over the pipe end in the following order: nut, clinch ring, thrust bushing and O-ring on the mouth of the pipe. Fig 7
- Lubricate the pipe and the O-ring. Insert the pipe end and O-ring into the body of the joint; up to the insertion depth tab. Fig 8
- Push the thrust bushing into the body of the joint. Slide the clinch ring up to the thrust bushing. Fig 9
- Engage the nut and fully tighten with a strap or plumbing wrench. Fig 5 & 6



110mm

- Use a pipe cutter to cut pipe at 90° to its axis. Fig 1
- Insert over the pipe end in the following order: nut, thrust bushing and O-ring on the mouth of the pipe. Fig 10
- Lubricate the pipe and the O-ring. Insert the pipe end and O-ring into the body of the joint; up to the insertion depth tab. Fig 11
- Push the thrust bushing into the body of the joint and fasten the nut.
- Unfasten the nut and slip the clinch ring over the pipe. Slide the clinch ring up to the thrust bushing. Fig 12
- Engage the nut and fully tighten with a strap or plumbing wrench. Fig 5 & 6





COUPLINGS		
Product	Product Description	Code
	16mm	510 160
	20mm	510 200
	25mm	510 250
	32mm	510 320
	40mm	510 400
	50mm	510 500
	63mm	510 630
	75mm	510 750
	90mm	510 900
	110mm	510 110


REDUCED COUPLINGS		
Product	Product Description	Code
	20 x 16mm	512.20A
	25 x 20mm	512.25B
	32 x 20mm	512.32B
	32 x 25mm	512.32C
	40 x 25mm	512.40C
	40 x 32mm	512.40D
	50 x 25mm	512.50C
	50 x 32mm	512.50D
	50 x 40mm	512.50E
	63 x 32mm	512.63D
	63 x 40mm	512.63E
	63 x 50mm	512.63F
	75 x 50mm	512.75F
	75 x 63mm	512.75G
	90 x 63mm	512.90G
	90 x 75mm	512.90H
	110 x 75mm	512.11H
	110 x 90mm	512.11I

MALE ADAPTORS		
Product	Product Description	Code
	16 x 3/8"	511.16A
	16 x 1/2"	511.16B
	16 x 3/4"	511.16C
	20 x 1/2"	511.20B
	20 x 3/4"	511.20C
	25 x 1/2"	511.25B
	25 x 3/4"	511.25C

MALE ADAPTORS		
Product	Product Description	Code
	25 x 1"	511.25D
	32 x 3/4"	511.32C
	32 x 1"	511.32D
	32 x 1 1/4"	511.32E
	40 x 1"	511.40D
	40 x 1 1/4"	511.40E
	50 x 1"	511.50D
	50 x 1 1/4"	511.50E
	50 x 1 1/2"	511.50F
	50 x 2"	511.50G
	63 x 1 1/2"	511.63F
	63 x 2"	511.63G
	63 x 2 1/2"	511.63H
	75 x 2"	511.75G
	75 x 2 1/2"	511.75H
	75 x 3"	511.75I
	90 x 2"	511.90G
	90 x 2 1/2"	511.90H
90 x 3"	511.90I	
90 x 4"	511.90L	
110 x 2"	511.11G	
110 x 3"	511.11I	
110 x 4"	511.11L	

FEMALE ADAPTORS		
Product	Product Description	Code
	16 x 3/8"	601.16A
	16 x 1/2"	601.16B
	20 x 1/2"	601.20B
	20 x 3/4"	601.20C
	25 x 1/2"	601.25B
	25 x 3/4"	601.25C
	25 x 1"	601.25D
	32 x 1/2"	601.32B
	32 x 3/4"	601.32C
	32 x 1"	601.32D
	32 x 1 1/4"	601.32E
	40 x 1"	601.40D
	40 x 1 1/4"	601.40E
	40 x 1 1/2"	601.40F
	50 x 1 1/4"	601.50E
	50 x 1 1/2"	601.50F



FEMALE ADAPTORS		
Product	Product Description	Code
	50 x 2"	601.50G
	63 x 1 1/2"	601.63F
	63 x 2"	601.63G
	75 x 2"	601.75G
	75 x 2 1/2"	601.75H
	90 x 2"	601.90G
	90 x 2 1/2"	601.90H
	90 x 3"	601.90I
	110 x 3"	601.11I
	110 x 4"	601.11L

INCREASING TEES		
Product	Product Description	Code
	20mm	514.20C
	25mm	514.25D


EQUAL TEES		
Product	Product Description	Code
	16mm	514 160
	20mm	514 200
	25mm	514 250
	32mm	514 320
	40mm	514 400
	50mm	514 500
	63mm	514 630
	75mm	514 750
	90mm	514 900
110mm	514 110	


FEMALE TEES		
Product	Product Description	Code
	16 x 3/8"	515.16A
	16 x 1/2"	515.16B
	20 x 1/2"	515.20B
	20 x 3/4"	515.20C
	25 x 1/2"	515.25B
	25 x 3/4"	515.25C

FEMALE TEES		
Product	Product Description	Code
	25 x 1"	515.25D
	32 x 1/2"	515.32B
	32 x 3/4"	515.32C
	32 x 1"	515.32D
	32 x 1 1/4"	515.32E
	40 x 1"	515.40D
	40 x 1 1/4"	515.40E
	40 x 1 1/2"	515.40F
	50 x 1 1/2"	515.50F
	50 x 2"	515.50G
	63 x 2"	515.63G
	63 x 2 1/2"	515.63H
	75 x 2 1/2"	515.75H
	75 x 3"	515.75I
	90 x 3"	515.90I
	90 x 4"	515.90L
110 x 4"	515.11L	

MALE TEES		
Product	Product Description	Code
	16 x 1/2"	516.16B
	20 x 1/2"	516.20B
	20 x 3/4"	516.20C
	25 x 3/4"	516.25C
	25 x 1"	516.25D
	32 x 1"	516.32D
	32 x 1 1/4"	516.32E
	40 x 1 1/4"	516.40E
	40 x 1 1/2"	516.40F
	50 x 1 1/2"	516.50F
	50 x 2"	516.50G
	63 x 2"	516.63G
	63 x 2 1/2"	516.63H
	75 x 2 1/2"	516.75H
	75 x 3"	516.75I
	90 x 3"	516.90I
90 x 4"	516.90L	
110 x 4"	516.11L	



MALE ELBOWS		
Product	Product Description	Code
	16 x 1/2"	519.16B
	20 x 1/2"	519.20B
	20 x 3/4"	519.20C
	25 x 1/2"	519.25B
	25 x 3/4"	519.25C
	25 x 1"	519.25D
	32 x 1"	519.32D
	32 x 1 1/4"	519.32E
	40 x 1 1/4"	519.40E
	40 x 1 1/2"	519.40F
	50 x 1 1/2"	519.50F
	50 x 2"	519.50G
	63 x 2"	519.63G
	63 x 2 1/2"	519.63H
	75 x 2 1/2"	519.75H
	75 x 3"	519.75I
	90 x 3"	519.90I
	90 x 4"	519.90L
110 x 4"	519.11L	

FEMALE ELBOWS		
Product	Product Description	Code
	16 x 1/2"	519.16B
	20 x 1/2"	519.20B
	20 x 3/4"	519.20C
	25 x 1/2"	519.25B
	25 x 3/4"	519.25C
	25 x 1"	519.25D
	32 x 1"	519.32D
	32 x 1 1/4"	519.32E
	40 x 1 1/4"	519.40E
	40 x 1 1/2"	519.40F
	50 x 1 1/2"	519.50F
	50 x 2"	519.50G
	63 x 2"	519.63G
	63 x 2 1/2"	519.63H
	75 x 2 1/2"	519.75H
	75 x 3"	519.75I
	90 x 3"	519.90I
	90 x 4"	519.90L
110 x 4"	519.11L	

EQUAL ELBOWS		
Product	Product Description	Code
	16mm	513 160
	20mm	513 200
	25mm	513 250
	32mm	513 320
	40mm	513 400
	50mm	513 500
	63mm	513 630
	75mm	513 750
	90mm	513 900
	110mm	513 110

PLUGS		
Product	Product Description	Code
	16mm	521 160
	20mm	521 200
	25mm	521 250
	32mm	521 320
	40mm	521 400
	50mm	521 500
	63mm	521 630
	75mm	521 750
	90mm	521 900
	110mm	521.11

FLANGED ADAPTORS		
Product	Product Description	Code
	75 x 2 1/2"	520.75H
	75 x 3"	520.75I
	90 x 3"	520.90I
	90 x 4"	520.90L
	110 x 5"	520.11L