

**NOTE: This price list is currently under review. New expanded range coming in 2018**

## Universal Restraint Couplers & Dismantling Joints

The Plastic Systems multi joint range of pipe couplings, offer a mechanical jointing method with end load restraint for all common pipe materials. The fittings are designed to accept a wide variation in pipe size allowing a single fitting to be used on any common pipe material in a given size.

**PE, PVC, ABS, PP, AC, Cast Iron, Ductile Iron, Steel, Stainless, Copper...**

	CODE:	Size	Price
 (6301)	<b>Restraint Coupling</b>		
	FWC/050	50mm	
	FWC/065	65mm	
	FWC/080	80mm	
	FWC/100	100mm	
	FWC/125	125mm	
	FWC/150	150mm	
	FWC/200	200mm	
	FWC/225	225mm	
	FWC/250	250mm	
	FWC/300	300mm	
	FWC/350	350mm	
FWC/400	400mm		
 (6306)	<b>Restraint Flange</b>		
	FWFL/050	50mm	
	FWFL/065	65mm	
	FWFL/080	80mm	
	FWFL/100	100mm	
	FWFL/125	125mm	
	FWFL/150	150mm	
	FWFL/200	200mm	
FWFL/250	250mm		
FWFL/300	300mm		
<b>Restraint Reducing Flange</b>	FWFLR/225x200	225x200mm	
	FWFLR/250x225	250x225mm	

	CODE:	Size	Price
 (3107)	<b>Restraint Reducing Coupling</b>		
	FWCR/065x050	65 x 50mm	
	FWCR/080x065	80 x 65mm	
	FWCR/100x080	100 x 80mm	
	FWCR/125x100	125 x 100mm	
	FWCR/150x100	150 x 100mm	
	FWCR/150x125	150 x 125mm	
	FWCR/200x150	200 x 150mm	
	FWCR/225x200	225 x 200mm	
	FWCR/250x225	250 x 225mm	
FWCR/300x250	300 x 250mm		
 (6301)	<b>Restraint Blind End Cap</b>		
	FWCAP/050	50mm	
	FWCAP/065	65mm	
	FWCAP/080	80mm	
	FWCAP/100	100mm	
	FWCAP/125	125mm	
	FWCAP/150	150mm	
	FWCAP/200	200mm	
	FWCAP/225	225mm	
	FWCAP/250	250mm	
FWCAP/300	300mm		

\* Threaded end caps available on request.

Mechanical

### Sizing & Pressure Ratings

#### Sizing

Plastic Systems multi joint fittings are wide range couplings and will fit any pipe material in a given pipe dimension.

#### Pressure Rating

Multi/Joint couplings come standard with restraint connections and a 16 bar pressure rating\*

(300mm+ Only 10 bar).

With these couplings the fixers that provide the endload restraint can be removed to provide a non-restraint connection and an increased pressure rating of 25bar.

\* Based on water at 20°C

Size (mm)		Pressure Rating Bar	
(DN)	Range (OD)	Restraint	Non-Restraint
50	46 - 71	16	25
65	69 - 90	16	25
80	84 - 105	16	25
100	104 - 132	16	25
125	132 - 155	16	25
150	154 - 192	16	25
200	192 - 232	16	25
225	232 - 257	16	25
250	267 - 310	16	25
300	315 - 356	10	25
350	352-393	10	25
400	392-433	10	25

PRICES INDICATED DO NOT INCLUDE GST



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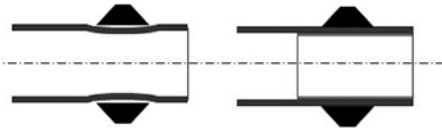
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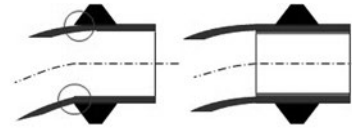
## Insert Stiffener


When using mechanical couplings on **PE** or **PVC** (pressure class <math>PN10</math>), insert stiffeners are advisable or even mandatory because of:


**Continual load of the sealing and restraining mechanism**



**Residual stress and bending torques**



	CODE:	Size (OD)	Price
<b>Economy Insert SDR11</b> 	FWEI11/063	63mm	
	FWEI11/075	75mm	
	FWEI11/090	90mm	
	FWEI11/110	110mm	
	FWEI11/125	125mm	
	FWEI11/140	140mm	
	FWEI11/160	160mm	
	FWEI11/180	180mm	
	FWEI11/200	200mm	
	FWEI11/225	225mm	
	FWEI11/250	250mm	
	FWEI11/280	280mm	
	FWEI11/315	315mm	
	FWEI11/355	355mm	
<b>Economy Insert SDR17</b>	FWEI17/063	63mm	
	FWEI17/075	75mm	
	FWEI17/090	90mm	
	FWEI17/110	110mm	
	FWEI17/125	125mm	
	FWEI17/140	140mm	
	FWEI17/160	160mm	
	FWEI17/180	180mm	
	FWEI17/200	200mm	
	FWEI17/225	225mm	
	FWEI17/250	250mm	
	FWEI17/280	280mm	
	FWEI17/315	315mm	
	FWEI17/355	355mm	

	CODE:	Size (OD)	Price
<b>Wedge Insert SDR11</b> 	FWWI11/063	63mm	
	FWWI11/075	75mm	
	FWWI11/090	90mm	
	FWWI11/110	110mm	
	FWWI11/125	125mm	
	FWWI11/140	140mm	
	FWWI11/160	160mm	
	FWWI11/180	180mm	
	FWWI11/200	200mm	
	FWWI11/225	225mm	
	FWWI11/250	250mm	
	FWWI11/280	280mm	
	FWWI11/315	315mm	
	FWWI11/335	355mm	
<b>Wedge Insert SDR17</b>	FWWI17/063	63mm	
	FWWI17/075	75mm	
	FWWI17/090	90mm	
	FWWI17/100	110mm	
	FWWI17/125	125mm	
	FWWI17/140	140mm	
	FWWI17/160	160mm	
	FWWI17/180	180mm	
	FWWI17/200	200mm	
	FWWI17/225	225mm	
	FWWI17/250	250mm	
	FWWI17/280	280mm	
	FWWI17/315	315mm	
	FWWI17/335	355mm	

\* SDR13.5 Wedge Inserts available on request

Mechanical

## Dismantling Joints

Asmuss Dismantling Joints are a double flanged fitting that provides easy installation and disassembly of flanged fittings such as valves, meters and pumps in a pipe network. These fittings are suitable for water, waste water and gas reticulation as well as power generation and industrial cooling systems.



	CODE:	Size (OD)	Price
<b>Fully Restrained Dismantling Joint AS 4087, PN16</b>	DIDJ100G	100mm	
	DIDJ150G	150mm	
	DIDJ200G	200mm	
	DIDJ250G	250mm	
	DIDJ300G	300mm	
<b>Fully Restrained Dismantling Joint AS 4087, PN16 316 SS Rods</b>	DIDJ350SS	350mm	
	DIDJ375SS	375mm	
	DIDJ400SS	400mm	
	DIDJ500SS	500mm	
	DIDJ600SS	600mm	