

- *Cablerange range of rugged pneumatic quick-disconnects.*
- *Quick, reliable connection of 30 pneumatic lines.*
- *Available with fittings for 1/8 and 1/16 flexible or stainless steel pipe.*
- *Blanks and parking plates available.*
- *Locking feature to ensure reliable connection - even in high vibration environments.*



The Chell Circlex range of quick disconnects are a well established range of pneumatic connectors which were manufactured by Cablerange Ltd. This product range was taken over by Chell in June 2010.

The Circlex range gives the user the ability to connect up to 30 pneumatic lines simultaneously in a rugged package.

The Circlex connector range are well known in the test cell environment where they form an ideal way or making multiple connections in test pressure lines.

The Circlex range incorporates a bulkhead plate (AS378) into which the tubing is fixed and a free (removable) plate (AS375/B) with which it mates and locks into position.

Also available is a parking plate which can be substituted for the fixed plate (AS376), and a blank which can be substituted for the free (removable) end (AS607).

Where space is limited, the locking mechanism can be extended and incorporated with a pipe bunching feature with the AS612.



Circlex Specifications		
Options		
<b>Number of ports</b>	30	
<b>Fitting types</b>	Compression fitting for 1/16 inch flexible and stainless steel tubing or 1/8 inch flexible tubing.	
<b>Seal type</b>	Nitrile as standard, Viton as an option.	
<b>Dimensions</b>	Fixed Bulkhead plate (AS378) : 90 x 90 x 50 (mm approx) Removable Free plate (AS375/B) : 90 x 90 x 80 (mm approx) Removable Free plate (AS375/B) with quick release extension (AS612) : 90 x 90 x 150 (mm approx)	
Pressure Performance		
<b>Pressure</b>	The Circlex coupling has been tested to 6000 psi (400 bar)	
Temperature Performance		
	Minimum Temperature	Maximum Temperature
Nitrile	-25°C	120°C Max, working temperature 100°C
Viton	-35°C	240°C Max, working temperature 180°C

## Circlex Components



AS 378 Bulkhead (fixed) plate

AS 376 Parking plate.

AS 375/B Removable (free) plate

AS 607 Removable (free) blank.

AS 375/B Removable (free) plate fitted with optional AS 612 remote release.

## Circlex Tubing Fittings

### 1/16 Inch Stainless Steel Tube



Stainless Steel Olive and compression nut fitting.  
Stainless Steel Olive Tubing nut - P/N CR.F.2580/SS  
Stainless Steel Olive - P/N CR.F.2581SS

### 1/16 Inch Flexible Tube



Brass Olive and compression nut fitting.  
Brass Olive Tubing nut - P/N CR.F.2322  
Brass Olive - P/N CR.F.2581

### 1/8 Inch Flexible Tube



Brass Ferrule and compression nut fitting.  
Brass Ferrule Tubing nut - P/N CR.F.1724  
Brass Ferrule for 1/8 inch OD tube and 0.055 to 0.060 inch i/d - P/N CR.F.1725.055  
Brass Ferrule for 1/8 inch OD tube and 0.062 to 0.064 inch i/d - P/N CR.F.1725.062  
Brass Ferrule for 1/8 inch OD tube and 0.075 to 0.080 inch i/d - P/N CR.F.1725.075

Please specify tubing sizes at order placement.



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