



# W Range Solder Ring Fittings



## GENERAL RANGE

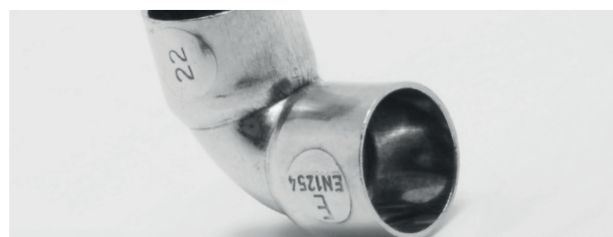
- Fittings are manufactured from copper and copper alloy
- Available in sizes from 8-54mm
- Fittings are designed for jointing copper tubes to BS EN 1057 in hot and cold water services, in small bore and minibore central heating, low pressure steam heating, and in vented and unvented closed circuit heating systems
- WRAS approved.
- Manufactured to BS EN 1254 Part 1

| Size                                                                                                                 |                                                                                        |
|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| MSR1 Straight coupling<br>copper x copper                                                                            | 8mm<br>10mm<br>15mm<br>22mm<br>28mm<br>35mm<br>42mm<br>54mm                            |
| MSR1IM Slip coupling<br>adaptor. Imperial x metric<br>copper x copper.<br>To connect imperial tube<br>to metric tube | 1/2" x 15mm<br>3/4" x 22mm                                                             |
| MSR1R Reducing coupling<br>copper x copper                                                                           | 10 x 8mm<br>15 x 8mm<br>15 x 10mm<br>22 x 15mm<br>28 x 22mm                            |
| MSR15 Straight coupling,<br>slip pattern copper x<br>copper                                                          | 15mm<br>22mm                                                                           |
| MSR2 Straight female<br>connector copper x BSP<br>parallel female thread                                             | 15mm x 1/2"<br>22mm x 3/4"<br>28mm x 1"                                                |
| MSR3 Straight male<br>connector copper<br>x BSP taper male thread                                                    | 15mm x 1/2"<br>22mm x 3/4"<br>28mm x 1"<br>35mm x 1.1/4"<br>42mm x 1.1/2"<br>54mm x 2" |

| Size                                                                                                          |                                                                                                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MSR6 Reducer larger end<br>for insertion into fitting                                                         | 10 x 8mm<br>15 x 8mm<br>15 x 10mm<br>22 x 15mm<br>28 x 15mm<br>28 x 22mm<br>35 x 15mm<br>35 x 22mm<br>35 x 28mm<br>42 x 15mm<br>42 x 22mm<br>42 x 28mm<br>42 x 35mm<br>54 x 15mm<br>54 x 22mm<br>54 x 28mm<br>54 x 35mm<br>54 x 42mm |
| MSR12 Elbow copper<br>x copper                                                                                | 8mm<br>10mm<br>15mm<br>22mm<br>28mm<br>35mm<br>42mm<br>54mm                                                                                                                                                                          |
| MSR12S Street elbow<br>female copper x male<br>copper for insertion into<br>fitting                           | 15mm<br>22mm<br>28mm                                                                                                                                                                                                                 |
| MSR13 Male elbow<br>copper x BSP taper male<br>thread                                                         | 15mm x 1/2"                                                                                                                                                                                                                          |
| MSR15 Backplate elbow<br>copper x BSP parallel<br>female thread.<br>Triangular backplate three<br>hole fixing | 15mm x 1/2"                                                                                                                                                                                                                          |
| MSR21 Elbow obtuse<br>copper x copper                                                                         | 15mm<br>22mm<br>28mm<br>35mm<br>42mm<br>54mm                                                                                                                                                                                         |
| MSR24 Equal tee all ends<br>for copper                                                                        | 10mm<br>15mm<br>22mm<br>28mm<br>35mm<br>42mm<br>54mm                                                                                                                                                                                 |

| Size                                                                     |                                                                                                                                                                                                                                                                            |
|--------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MSR25 Tee, reduced branch all ends for copper                            | 22 x 22 x 15mm<br>28 x 28 x 15mm<br>28 x 28 x 22mm<br>35 x 35 x 15mm<br>35 x 35 x 22mm<br>35 x 35 x 28mm<br>42 x 42 x 15mm<br>42 x 42 x 22mm<br>42 x 42 x 28mm<br>42 x 42 x 35mm<br>54 x 54 x 15mm<br>54 x 54 x 22mm<br>54 x 54 x 28mm<br>54 x 54 x 35mm<br>54 x 54 x 42mm |
| MSR26 Tee, one end reduced all ends for copper                           | 22 x 15 x 22mm<br>28 x 15 x 28mm<br>28 x 22 x 28mm                                                                                                                                                                                                                         |
| MSR27 Tee, one end and branch reduced all ends for copper                | 22 x 15 x 15mm<br>28 x 22 x 15mm<br>28 x 22 x 22mm                                                                                                                                                                                                                         |
| MSR28 Tee, both ends reduced all ends for copper                         | 15 x 15 x 22mm                                                                                                                                                                                                                                                             |
| MSR30 Female tee copper ends x BSP parallel female branch                | 15 x 15mm x 1/2"                                                                                                                                                                                                                                                           |
| MSR61 Stop end for use on copper tube                                    | 8mm<br>10mm<br>15mm<br>22mm                                                                                                                                                                                                                                                |
| MSR62 Tap connector copper x BSP union nut. Spigot and washer joint      | 15mm x 1/2"<br>15mm x 3/4"<br>22mm x 3/4"                                                                                                                                                                                                                                  |
| MSR63 Bent tap connector copper x BSP union nut. Spigot and washer joint | 15mm x 1/2"                                                                                                                                                                                                                                                                |

| Size                                                                   |           |
|------------------------------------------------------------------------|-----------|
| MSR64 Bent union adaptor copper x BSP union nut. Cone joint to BS 1010 | 22mm x 1" |
| MSR68 Union adaptor copper x BSP union nut. Cone joint to BS 1010      | 22mm x 1" |



## E Range End Feed Fittings

### GENERAL RANGE

- Designed for end-feeding with soft solder or hard solder (brazing alloy)
- Available in sizes from 8-54mm, ideal for use in hot and cold water services, central heating, fuel services and general engineering applications
- WRAS approved.
- Manufactured to BS EN 1254 Part 1

|                                                                                                  |                                                              |
|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| MEF1 Straight coupling copper x copper                                                           | 8mm<br>10mm<br>15mm<br>22mm<br>28mm<br>35mm<br>42mm<br>54mm  |
| MEF1IM Adaptor coupling imperial copper x metric copper. To connect imperial tube to metric tube | 1/2" x 15mm<br>3/4" x 22mm<br>1" x 28mm                      |
| MEF1R Reducing coupling copper x copper                                                          | 10 x 8mm<br>15 x 10mm<br>22 x 15mm<br>28 x 15mm<br>28 x 22mm |

| Size                                                                                |                                                                                                                                                                                                                                      |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MEF1S Slip/5270S Straight coupling, slip pattern copper x copper                    | 15mm<br>22mm<br>28mm                                                                                                                                                                                                                 |
|    |                                                                                                                                                                                                                                      |
| MEF2 Straight female connector copper x BSP parallel female thread                  | 15mm x 1/2"<br>22mm x 3/4"<br>28mm x 1"                                                                                                                                                                                              |
|    |                                                                                                                                                                                                                                      |
| MEF3 Straight male connector copper x BSP taper male thread                         | 15mm x 1/2"<br>22mm x 3/4"<br>28mm x 1"<br>35mm x 1 1/4"<br>42mm x 1 1/2"<br>54mm x 2"                                                                                                                                               |
|    |                                                                                                                                                                                                                                      |
| MEF6 Reducer larger end male copper for insertion into fitting x female copper      | 10 x 8mm<br>15 x 8mm<br>15 x 10mm<br>22 x 15mm<br>28 x 15mm<br>28 x 22mm<br>35 x 15mm<br>35 x 22mm<br>35 x 28mm<br>42 x 15mm<br>42 x 22mm<br>42 x 28mm<br>42 x 35mm<br>54 x 15mm<br>54 x 22mm<br>54 x 28mm<br>54 x 35mm<br>54 x 42mm |
|   |                                                                                                                                                                                                                                      |
| MEF12 Elbow copper x copper                                                         | 8mm<br>10mm<br>15mm<br>22mm<br>28mm<br>35mm<br>42mm<br>54mm                                                                                                                                                                          |
|  |                                                                                                                                                                                                                                      |
| MEF12S Street elbow female copper x male copper for insertion into fitting          | 10mm<br>15mm<br>22mm<br>28mm<br>35mm<br>42mm<br>54mm                                                                                                                                                                                 |
|  |                                                                                                                                                                                                                                      |
| MEF13 Male elbow copper x BSP taper male thread                                     | 15mm x 1/2"<br>22mm x 3/4"                                                                                                                                                                                                           |
|  |                                                                                                                                                                                                                                      |
| MEF14 Female elbow copper x BSP parallel female thread                              | 15mm x 1/2"<br>22mm x 3/4"                                                                                                                                                                                                           |
|  |                                                                                                                                                                                                                                      |

| Size                                                                                         |                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MEF15 Backplate elbow. Copper x BSP parallel female thread. Backplate with three hole fixing | 15mm x 1/2"                                                                                                                                                                                                                                                                                  |
|             |                                                                                                                                                                                                                                                                                              |
| MEF21 Obtuse elbow, 45° copper x copper                                                      | 15mm<br>22mm<br>28mm<br>35mm<br>42mm<br>54mm                                                                                                                                                                                                                                                 |
|             |                                                                                                                                                                                                                                                                                              |
| MEF21S Obtuse street elbow, 45° female copper x male copper for insertion in fitting         | 15mm<br>22mm<br>28mm<br>35mm<br>42mm                                                                                                                                                                                                                                                         |
|             |                                                                                                                                                                                                                                                                                              |
| MEF22 Partial crossover female copper x male copper for insertion in fitting                 | 15mm<br>22mm                                                                                                                                                                                                                                                                                 |
|           |                                                                                                                                                                                                                                                                                              |
| MEF23 Full crossover copper x copper                                                         | 15mm<br>22mm                                                                                                                                                                                                                                                                                 |
|           |                                                                                                                                                                                                                                                                                              |
| MEF24 Equal tee, all ends for copper                                                         | 8mm<br>10mm<br>15mm<br>22mm<br>28mm<br>35mm<br>42mm<br>54mm                                                                                                                                                                                                                                  |
|           |                                                                                                                                                                                                                                                                                              |
| MEF25 Tee, reduced branch, all ends for copper                                               | 15 x 15 x 10mm<br>22 x 22 x 15mm<br>28 x 28 x 15mm<br>28 x 28 x 22mm<br>35 x 35 x 15mm<br>35 x 35 x 22mm<br>35 x 35 x 28mm<br>42 x 42 x 15mm<br>42 x 42 x 22mm<br>42 x 42 x 28mm<br>42 x 42 x 35mm<br>54 x 54 x 15mm<br>54 x 54 x 22mm<br>54 x 54 x 28mm<br>54 x 54 x 35mm<br>54 x 54 x 42mm |
|           |                                                                                                                                                                                                                                                                                              |
| MEF26 Tee, one end reduced, all ends for copper                                              | 22 x 15 x 22mm<br>28 x 15 x 28mm<br>28 x 22 x 28mm<br>35 x 22 x 35mm<br>35 x 28 x 35mm                                                                                                                                                                                                       |
|           |                                                                                                                                                                                                                                                                                              |

| Size                                                                                                   |                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MEF27 Tee, one end and branch reduced, all ends for copper                                             | 22 x 15 x 15mm<br>28 x 15 x 15mm<br>28 x 15 x 22mm<br>28 x 22 x 15mm<br>28 x 22 x 22mm<br>35 x 28 x 15mm<br>35 x 28 x 28mm<br>42 x 35 x 35mm<br>54 x 42 x 42mm |
|                       |                                                                                                                                                                |
| MEF28 Tee, both ends reduced, all ends for copper                                                      | 15 x 15 x 22mm                                                                                                                                                 |
|                       |                                                                                                                                                                |
| MEF61 Stop end for use with copper tube                                                                | 8mm<br>10mm<br>15mm<br>22mm<br>28mm<br>35mm<br>42mm<br>54mm                                                                                                    |
|                       |                                                                                                                                                                |
| MEF61AV Air release stop end. Female end for use on copper tube                                        | 15mm                                                                                                                                                           |
|                      |                                                                                                                                                                |
| MEF62 Straight tap connector copper x BSP hexagonal union nut. Spigot and washer joint                 | 15mm x 1/2"<br>15mm x 3/4"<br>22mm x 3/4"                                                                                                                      |
|                     |                                                                                                                                                                |
| MEF63 Bent tap connector copper x BSP hexagonal union nut. Spigot and washer joint                     | 15mm x 1/2"<br>15mm x 3/4"<br>22mm x 3/4"                                                                                                                      |
|                     |                                                                                                                                                                |
| MEF64 Bent union adaptor copper x BSP union nut. Cone joint to BS 1010. Supplied with bent copper tail | 22mm x 1"                                                                                                                                                      |
|                     |                                                                                                                                                                |
| MEF68 Straight union adaptor copper x BSP union nut. Cone joint to BS 1010                             | 22mm x 1"<br>28mm x 1 1/4"                                                                                                                                     |
|                     |                                                                                                                                                                |

| Size |
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## Compression Fittings

### K600 BRASS COMPRESSION FITTINGS

- Non-manipulative (type A) duplex brass compression fittings in sizes from 8-54mm
- Suitable for use on closed circuit central heating systems, in above ground hot and cold water services, on compressed air lines and other fluids and low pressure gas services
- WRAS approved.
- Manufactured to BS EN 1254 Part 2

MC301 Straight coupling copper x copper



8mm  
 10mm  
 15mm  
 22mm  
 28mm  
 35mm  
 42mm  
 54mm  
 10 x 8mm  
 15 x 8mm  
 15 x 10mm  
 15 x 12mm  
 22 x 15mm  
 28 x 22mm

MC301BP Burst repair coupling copper x copper



15 x 15 x 80mm

MC302 Male coupling copper x BSP parallel male thread



8 x 1/4"  
 10 x 1/4"  
 10 x 3/8"  
 10 x 1/2"  
 22 x 1/2"  
 22 x 3/4"  
 15 x 1/4"  
 22 x 1"  
 28 x 3/4"  
 15 x 3/8"  
 28 x 1"  
 15 x 1/2"  
 28 x 1.1/4"  
 35 x 1"  
 15 x 3/4"  
 35 x 1.1/4"  
 42 x 1.1/2"  
 54 x 2"

MC303 Female coupling copper x BSP parallel female thread



8mm x 1/4"  
 10mm x 1/4"  
 10mm x 3/8"  
 10mm x 1/2"  
 15mm x 1/4"  
 15mm x 3/8"  
 15mm x 1/2"  
 15mm x 3/4"  
 22mm x 1/2"  
 22mm x 3/4"  
 22mm x 1"  
 28mm x 1"  
 35mm x 1.1/4"  
 42mm x 1.1/2"  
 54mm x 2"

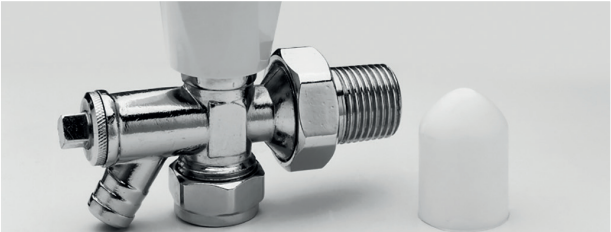
| Size                                                                                |                                                                                                                                   |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| MC401 Elbow copper x copper                                                         | 8mm<br>10mm<br>15mm<br>22mm<br>28mm<br>35mm<br>42mm<br>54mm                                                                       |
|    |                                                                                                                                   |
| MC402 Male elbow copper x BSP parallel male thread                                  | 15mm x 1/2"<br>22mm x 3/4"<br>22mm x 1"<br>28mm x 1"<br>35mm x 1.1/4"<br>42mm x 1.1/2"<br>54mm x 2"                               |
|    |                                                                                                                                   |
| MC403 Female elbow copper x BSP parallel female thread                              | 15mm x 1/2"<br>15mm x 3/4"<br>22mm x 3/4"<br>22mm x 1"<br>28mm x 3/4"<br>28mm x 1"<br>35mm x 1.1/4"<br>42mm x 1.1/2"<br>54mm x 2" |
|    |                                                                                                                                   |
| MC403W Backplate elbow copper x BSP parallel female thread with backplate           | 15mm x 1/2"<br>22mm x 3/4"                                                                                                        |
|    |                                                                                                                                   |
| MC601EQ Equal tee, all ends for copper                                              | 10mm<br>15mm<br>22mm<br>28mm<br>35mm<br>42mm<br>54mm                                                                              |
|  |                                                                                                                                   |
| MC601 Tee both ends reduced                                                         | 15 x 15 22mm                                                                                                                      |
|  |                                                                                                                                   |
| MC601 Tee, one end reduced, all ends for copper                                     | 22 x 15 x 22mm<br>28 x 15 x 28mm<br>28 x 22 x 28mm                                                                                |
|  |                                                                                                                                   |
| MC601 Tee, with reduced branch, all ends for copper                                 | 22 x 15mm<br>28 x 15mm<br>28 x 22mm                                                                                               |
|  |                                                                                                                                   |
| MC601 Tee, one end and branch reduced, all ends for copper                          | 22 x 15 x 15mm                                                                                                                    |
|  |                                                                                                                                   |

| Size                                                                                                                          |                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| MC303SF Straight swivel tap connector, copper x union nut. Spigot and fibre washer joint                                      | 15mm x 1/2"<br>15mm x 3/4"<br>22mm x 3/4"                                             |
|                                              |                                                                                       |
| MC403SF Bent swivel tap connector, copper x union nut. Spigot and fibre washer joint                                          | 15mm x 1/2"<br>22mm x 3/4"                                                            |
|                                              |                                                                                       |
| MC684 Tee CxF end                                                                                                             | 15mm x 1/2"                                                                           |
|                                              |                                                                                       |
| MC617 Tee CxF branch                                                                                                          | 15mm x 1/2"<br>22mm x 1/2"<br>22mm x 3/4"                                             |
|                                              |                                                                                       |
| MC68 Reducing set for reducing the size of a Kuterlite socket. N.B. Only one reducing set can be used per end                 | 10 x 8mm<br>15 x 8mm<br>15 x 10mm<br>15 x 12mm<br>22 x 15mm<br>28 x 15mm<br>28 x 22mm |
|                                            |                                                                                       |
| MC321 Tank connector copper end with flange and backnut                                                                       | 15mm<br>22mm<br>28mm<br>35mm<br>42mm<br>54mm                                          |
|                                            |                                                                                       |
| MC323 End Stop end. Body may be removed at any time and another Kuterlite fitting used with the same nut and compression ring | 15mm<br>22mm<br>28mm                                                                  |
|                                            |                                                                                       |
| MC63B Blanking discs                                                                                                          | 15mm<br>22mm<br>28mm                                                                  |
|                                            |                                                                                       |

| Size |
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|                    |                                                      |
|--------------------|------------------------------------------------------|
| MC63C Copper cones | 8mm<br>10mm<br>15mm<br>22mm<br>28mm<br>3/4" imperial |
|--------------------|------------------------------------------------------|

|                   |                                     |
|-------------------|-------------------------------------|
| MC63B Brass cones | 8mm<br>10mm<br>15mm<br>22mm<br>28mm |
|-------------------|-------------------------------------|



# Manual and Drain Off Radiator Valves

- Suitable for sealed systems (10 bar rated) - tested in accordance with BS2767-10
- White handles as standard - LS cap included
- Comprehensive range: 10-15mm includes drain off variant
- Chrome plated

Jazz manual radiator valve 15mm



Jazz drain off radiator valve 15mm



Jazz angle radiator valves 10mm  
15mm



Drain off angle radiator valves 10mm  
15mm



| Size |
|------|
|------|



# Push-fit Radiator Valves

- Suitable for PE-X polybutylene, multi-layer pipes (to BS7291: Part 1, 2, and 3) and copper pipe (to BS2871: Part 1) (NB: Plastic pipes to BS7291 should be used)
- High quality polished chrome finish
- Security clip option to prevent accidental removal of pipe
- 10mm and 15mm straight and elbow adaptors available

Manual radiator valve with straight push-fit connections 10mm  
15mm



Manual radiator valve with elbow push-fit connections 10mm  
15mm



Drain off radiator valves with straight push-fit connections 10mm  
15mm



Drain off radiator valves with elbow push-fit connections 10mm  
15mm



Manual straight radiator valve with push-fit connector 10mm



Size



## Servicing Valves, Filling Loop

- Compact design
- Chrome plated
- Quality, durability and economy

M720 straight service valve 15mm x 15mm



M722 straight service valve with tap connection 15mm x 1/2"



Double check valve - DZR 15mm x 15mm



Filling loop with tee 15mm x 15mm



## Thermostatic and Manual Radiator Valves

Thermostatic radiator valve with standard tail 10mm 15mm



TRV and lockshield pack with standard tail 10mm 15mm



Size

Thermostatic radiator valve with self sealing tail 10mm 15mm



TRV and lockshield pack with self sealing tail 10mm 15mm



TRV and lockshield pack with drain off 10mm 15mm



Manual radiator valve with standard tail 8mm 10mm 15mm



Manual radiator valve with standard tail 15mm



Manual radiator valve with self sealing tail 15mm



Manual radiator valve with standard tail 8mm 10mm 15mm



## Accessories

Reducer 15 x 8mm



Self sealing tail n/a



Locking and limiting pin n/a





CERTIFICATION MARK

*This certifies that*

**PEGLER YORKSHIRE GROUP LTD**

*has had the undermentioned product examined, tested and found,  
when correctly installed, to comply with the requirements of the  
United Kingdom Water Supply (Water Fittings) Regulations and  
Scottish Water Byelaws.*

**MERCIA 'W' RANGE OF COPPER, DZR BRASS OR GUNMETAL CAPILLARY, LEAD FREE SOLDER RING AND  
THREADED FITTINGS FOR USE WITH COPPER PIPE**

*The certificate by itself is not evidence of a valid WRAS Approval. Confirmation of the current  
status of an approval must be obtained from the WRAS Directory ([www.wras.co.uk/directory](http://www.wras.co.uk/directory))*

*The product so mentioned will be valid until the end of:*

**September 2020**

**1509087**

*Certificate No.*

A handwritten signature in black ink, appearing to read 'J. Furnival'.

*Secretary*

A handwritten signature in black ink, appearing to read 'K. Leisbey'.

*Chairman, Product Assessment Group*

October 2014



CERTIFICATION MARK

*This certifies that*

**PEGLER YORKSHIRE GROUP LTD**

*has had the undermentioned product examined, tested and found,  
when correctly installed, to comply with the requirements of the  
United Kingdom Water Supply (Water Fittings) Regulations and  
Scottish Water Byelaws.*

**MERCIA "E" RANGE OF END FEED FITTINGS FOR USE WITH COPPER PIPE**

*The certificate by itself is not evidence of a valid WRAS Approval. Confirmation of the current  
status of an approval must be obtained from the WRAS Directory ([www.wras.co.uk/directory](http://www.wras.co.uk/directory))*

*The product so mentioned will be valid until the end of:*

**December 2016**

**1112116**

*Certificate No.*

A handwritten signature in black ink, appearing to read "J. Furnival".

*Secretary*

A handwritten signature in black ink, appearing to read "K. Leisbey".

*Chairman, Product Assessment Group*

October 2014