

**CO.SI.ME.**  
**EQUIPMENT FOR ATEX**









|             |                               |
|-------------|-------------------------------|
| <b>GAS</b>  | <b>II2G Ex d IIC /Ex e II</b> |
| <b>DUST</b> | <b>II2D Ex tD A21</b>         |


|             |
|-------------|
| <b>IP66</b> |
| <b>IP66</b> |


|   |
|---|
| <b>Zone 1 - Zone 21 - Zone 2 - Zone 22</b>        |
| <b>❄️-20°C ÷ ☀️+40°C</b> <b>❄️-50°C ÷ ☀️+80°C</b> |

|                            |   |
|----------------------------|---|
| Materiale :                | Acciaio zincato   |
| Materiale :<br>a richiesta | Lega leggera (L), ottone (D), acciaio inox<br>AISI 304 (Y), AISI 316 (YS)       |
| Guarnizioni :              | Sigillante Loctite 577  |
| Material :                 | Galvanized steel  |
| Materiale :<br>on request  | light alloy (L), brass (D), stainless steel<br>inox AISI 304 (Y), AISI 316 (YS) |
|                            | Compound Loctite 577  |

| RE  | REB  | REM   |
|---|--|---|
|  |  |  |
| Riduzione ad anello<br>maschio-femmina<br><i>Ring reducer<br/>male-female</i>     | Riduzione a bicchiere<br>femmina-maschio<br><i>Glass reducer<br/>female-male</i>   | Riduzione ad bicchiere<br>femmina-femmina<br><i>Glass reducer<br/>female-female</i> |

| Codice Code (Gk) | Codice Code (NPT) |  | Peso Weight [kg] |
|------------------|-------------------|---|------------------|
| RE 21            | RE 21N            | ¾ ½   |                  |
| RE 31            | RE 31N            | ¾ 1   |                  |
| RE 32            | RE 32N            | 1 ¾   |                  |
| RE 41            | RE 41N            | 1¼ ½  |                  |
| RE 42            | RE 42N            | 1¼ ¾  |                  |
| RE 43            | RE 43N            | 1¼ 1  |                  |
| RE 51            | RE 51N            | 1½ ½  |                  |
| RE 52            | RE 52N            | 1½ ¾  |                  |
| RE 53            | RE 53N            | 1½ 1  |                  |
| RE 54            | RE 54N            | 1½ 1¼   |                  |
| RE 61            | RE 61N            | 2 ½   |                  |
| RE 62            | RE 62N            | 2 ¾   |                  |
| RE 63            | RE 63N            | 2 1   |                  |
| RE 64            | RE 64N            | 2 1¼  |                  |
| RE 65            | RE 65N            | 2 1½  |                  |
| RE 71            | RE 71N            | 2½ ½  |                  |
| RE 72            | RE 72N            | 2½ ¾  |                  |
| RE 73            | RE 73N            | 2½ 1  |                  |
| RE 74            | RE 74N            | 2½ 1¼   |                  |
| RE 75            | RE 75N            | 2½ 1½   |                  |
| RE 76            | RE 76N            | 2½ 2  |                  |
| RE 81            | RE 81N            | 3 ½   |                  |
| RE 82            | RE 82N            | 3 ¾   |                  |
| RE 83            | RE 83N            | 3 1   |                  |
| RE 84            | RE 84N            | 3 1¼  |                  |
| RE 85            | RE 85N            | 3 1½  |                  |
| RE 86            | RE 86N            | 3 2   |                  |
| RE 87            | RE 87N            | 3 2½  |                  |
| RE 98            | RE 98N            | 4 3   |                  |

| Codice Code (Gk) | Codice Code (NPT) |  | Peso Weight [kg] |
|------------------|-------------------|---|------------------|
| REB 21           | REB 21N           | ¾ ½   |                  |
| REB 31           | REB 31N           | ¾ 1   |                  |
| REB 32           | REB 32N           | 1 ¾   |                  |
| REB 41           | REB 41N           | 1¼ ½  |                  |
| REB 42           | REB 42N           | 1¼ ¾  |                  |
| REB 43           | REB 43N           | 1¼ 1  |                  |
| REB 51           | REB 51N           | 1½ ½  |                  |
| REB 52           | REB 52N           | 1½ ¾  |                  |
| REB 53           | REB 53N           | 1½ 1  |                  |
| REB 54           | REB 54N           | 1½ 1¼   |                  |
| REB 61           | REB 61N           | 2 ½   |                  |
| REB 62           | REB 62N           | 2 ¾   |                  |
| REB 63           | REB 63N           | 2 1   |                  |
| REB 64           | REB 64N           | 2 1¼  |                  |
| REB 65           | REB 65N           | 2 1½  |                  |
| REB 71           | REB 71N           | 2½ ½  |                  |
| REB 72           | REB 72N           | 2½ ¾  |                  |
| REB 73           | REB 73N           | 2½ 1  |                  |
| REB 74           | REB 74N           | 2½ 1¼   |                  |
| REB 75           | REB 75N           | 2½ 1½   |                  |
| REB 76           | REB 76N           | 2½ 2  |                  |
| REB 81           | REB 81N           | 3 ½   |                  |
| REB 82           | REB 82N           | 3 ¾   |                  |
| REB 83           | REB 83N           | 3 1   |                  |
| REB 84           | REB 84N           | 3 1¼  |                  |
| REB 85           | REB 85N           | 3 1½  |                  |
| REB 86           | REB 86N           | 3 2   |                  |
| REB 87           | REB 87N           | 3 2½  |                  |
| REB 98           | REB 98N           | 4 3   |                  |

| Codice Code (Gk) | Codice Code (NPT) |  | Peso Weight [kg] |
|------------------|-------------------|---|------------------|
| REM 21           | REM 21N           | ½ ½   |                  |
| REM 31           | REM 31N           | ¾ 1   |                  |
| REM 32           | REM 32N           | 1 ¾   |                  |
| REM 41           | REM 41N           | 1¼ ½  |                  |
| REM 42           | REM 42N           | 1¼ ¾  |                  |
| REM 43           | REM 43N           | 1¼ 1  |                  |
| REM 51           | REM 51N           | 1½ ½  |                  |
| REM 52           | REM 52N           | 1½ ¾  |                  |
| REM 53           | REM 53N           | 1½ 1  |                  |
| REM 54           | REM 54N           | 1½ 1¼   |                  |
| REM 61           | REM 61N           | 2 ½   |                  |
| REM 62           | REM 62N           | 2 ¾   |                  |
| REM 63           | REM 63N           | 2 1   |                  |
| REM 64           | REM 64N           | 2 1¼  |                  |
| REM 65           | REM 65N           | 2 1½  |                  |
| REM 71           | REM 71N           | 2½ ½  |                  |
| REM 72           | REM 72N           | 2½ ¾  |                  |
| REM 73           | REM 73N           | 2½ 1  |                  |
| REM 74           | REM 74N           | 2½ 1¼   |                  |
| REM 75           | REM 75N           | 2½ 1½   |                  |
| REM 76           | REM 76N           | 2½ 2  |                  |
| REM 81           | REM 81N           | 3 ½   |                  |
| REM 82           | REM 82N           | 3 ¾   |                  |
| REM 83           | REM 83N           | 3 1   |                  |
| REM 84           | REM 84N           | 3 1¼  |                  |
| REM 85           | REM 85N           | 3 1½  |                  |
| REM 86           | REM 86N           | 3 2   |                  |
| REM 87           | REM 87N           | 3 2½  |                  |
| REM 98           | REM 98N           | 4 3   |                  |





|             |                              |
|-------------|------------------------------|
| <b>GAS</b>  | <b>IIG Ex d IIC /Ex e II</b> |
| <b>DUST</b> | <b>IIGD Ex tD A21</b>        |

|             |
|-------------|
| <b>IP66</b> |
| <b>IP66</b> |

|  |
|--|
| <b>Zone 1 - Zone 21 - Zone 2 - Zone 22</b> |
| <b>-20°C ÷ +40°C</b>                       |
| <b>-50°C ÷ +80°C</b>                       |

Materiale : Acciaio zincato  
 Materiale : Lega leggera (L), ottone (D), acciaio inox  
 a richiesta AISI 304 (Y), AISI 316 (YS)  
 Guarnizioni : EPDM (filettatura cilindrica)  
 Sigillante Loctite 577 (filettatura conica)  
 Silicone (*cylindrical thread*)  
 Guarnizioni : a richiesta  
 Material : *Light alloy body*  
 Materiale : *light alloy (L), brass (D), stainless steel*  
 on request *inox AISI 304 (Y), AISI 316 (YS)*  
 Gaskets : EPDM (*cylindrical thread*)  
 Compound Loctite 577 (*taper thread*)  
 Gaskets : on request *Silicon (cylindrical thread)*

| RE   | REB   |
|--|---|
|  |   |
| <b>Adattatore ad anello<br/>maschio-femmina<br/>Ring adaptor<br/>male-female</b> | <b>Adattatore a bicchiere<br/>femmina-maschio<br/>Glass adaptor<br/>female-male</b> |

|                 |        |    | femmina-female NPT |       |       |       |       |       |       |       |        |
|-----------------|--------|----|--------------------|-------|-------|-------|-------|-------|-------|-------|--------|
|                 |        |    | 1N                 | 2N    | 3N    | 4N    | 5N    | 6N    | 7N    | 8N    | 9N     |
| Code            | Ø ext. | Gk | 18,43              | 23,76 | 29,86 | 38,63 | 44,72 | 56,79 | 67,94 | 83,82 | 109,22 |
| maschio-male Gk |        |    | ½                  | ¾     | 1     | 1¼    | 1½    | 2     | 2½    | 3     | 4      |
| 1               | 20,96  | ½  |                    |       |       |       |       |       |       |       |        |
| 2               | 28,44  | ¾  |                    |       |       |       |       |       |       |       |        |
| 3               | 33,25  | 1  |                    |       |       |       |       |       |       |       |        |
| 4               | 41,91  | 1¼ |                    |       |       |       |       |       |       |       |        |
| 5               | 47,80  | 1½ |                    |       |       |       |       |       |       |       |        |
| 6               | 59,61  | 2  |                    |       |       |       |       |       |       |       |        |
| 7               | 75,18  | 2½ |                    |       |       |       |       |       |       |       |        |
| 8               | 87,88  | 3  |                    |       |       |       |       |       |       |       |        |
| 9               | 113,03 | 4  |                    |       |       |       |       |       |       |       |        |

|                 |        |    | femmina-female METRICAL PASSO / PITCH 1.5 |       |       |       |       |       |       |       |       |
|-----------------|--------|----|---|-------|-------|-------|-------|-------|-------|-------|-------|
|                 |        |    | 16  | 20    | 25    | 32    | 40    | 50    | 63    | 75    | 90    |
| Code            | Ø ext. | Gk | 14,50                                     | 18,50 | 23,50 | 30,50 | 38,50 | 48,50 | 61,50 | 73,50 | 88,50 |
| maschio-male Gk |        |    | M16                                       | M20   | M25   | M32   | M40   | M50   | M63   | M75   | M90   |
| 1               | 20,96  | ½  |   |       |       |       |       |       |       |       |       |
| 2               | 28,44  | ¾  |   |       |       |       |       |       |       |       |       |
| 3               | 33,25  | 1  |   |       |       |       |       |       |       |       |       |
| 4               | 41,91  | 1¼ |   |       |       |       |       |       |       |       |       |
| 5               | 47,80  | 1½ |   |       |       |       |       |       |       |       |       |
| 6               | 59,61  | 2  |   |       |       |       |       |       |       |       |       |
| 7               | 75,18  | 2½ |   |       |       |       |       |       |       |       |       |
| 8               | 87,88  | 3  |   |       |       |       |       |       |       |       |       |
| 9               | 113,03 | 4  |   |       |       |       |       |       |       |       |       |

|                  |        |    | femmina - female Gk |       |       |       |       |       |       |       |        |
|------------------|--------|----|---------------------|-------|-------|-------|-------|-------|-------|-------|--------|
|                  |        |    | 1                   | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9      |
| Code             | Ø ext. | Gk | 18,63               | 24,12 | 30,29 | 38,95 | 44,85 | 56,66 | 72,23 | 84,93 | 110,07 |
| maschio-male NPT |        |    | ½                   | ¾     | 1     | 1¼    | 1½    | 2     | 2½    | 3     | 4      |
| 1N               | 21,33  | ½  |                     |       |       |       |       |       |       |       |        |
| 2N               | 26,67  | ¾  |                     |       |       |       |       |       |       |       |        |
| 3N               | 33,40  | 1  |                     |       |       |       |       |       |       |       |        |
| 4N               | 42,17  | 1¼ |                     |       |       |       |       |       |       |       |        |
| 5N               | 48,26  | 1½ |                     |       |       |       |       |       |       |       |        |
| 6N               | 60,33  | 2  |                     |       |       |       |       |       |       |       |        |
| 7N               | 73,02  | 2½ |                     |       |       |       |       |       |       |       |        |
| 8N               | 88,90  | 3  |                     |       |       |       |       |       |       |       |        |
| 9N               | 114,30 | 4  |                     |       |       |       |       |       |       |       |        |

|                  |        |    | femmina-female METRICAL PASSO / PITCH 1.5 |       |       |       |       |       |       |       |       |
|------------------|--------|----|---|-------|-------|-------|-------|-------|-------|-------|-------|
|                  |        |    | 16  | 20    | 25    | 32    | 40    | 50    | 63    | 75    | 90    |
| Code             | Ø ext. | Gk | 14,50                                     | 18,50 | 23,50 | 30,50 | 38,50 | 48,50 | 61,50 | 73,50 | 88,50 |
| maschio-male NPT |        |    | M16                                       | M20   | M25   | M32   | M40   | M50   | M63   | M75   | M90   |
| 1N               | 21,33  | ½  |   |       |       |       |       |       |       |       |       |
| 2N               | 26,67  | ¾  |   |       |       |       |       |       |       |       |       |
| 3N               | 33,40  | 1  |   |       |       |       |       |       |       |       |       |
| 4N               | 42,17  | 1¼ |   |       |       |       |       |       |       |       |       |
| 5N               | 48,26  | 1½ |   |       |       |       |       |       |       |       |       |
| 6N               | 60,33  | 2  |   |       |       |       |       |       |       |       |       |
| 7N               | 73,02  | 2½ |   |       |       |       |       |       |       |       |       |
| 8N               | 88,90  | 3  |   |       |       |       |       |       |       |       |       |
| 9N               | 114,30 | 4  |   |       |       |       |       |       |       |       |       |

|                |        |     | femmina-female NPT |       |       |       |       |       |       |       |        |
|----------------|--------|-----|--------------------|-------|-------|-------|-------|-------|-------|-------|--------|
|                |        |     | 1N                 | 2N    | 3N    | 4N    | 5N    | 6N    | 7N    | 8N    | 9N     |
| Code           | Ø ext. |     | 18,43              | 23,76 | 29,86 | 38,63 | 44,72 | 56,79 | 67,94 | 83,82 | 109,22 |
| maschio-male M |        |     | ½                  | ¾     | 1     | 1¼    | 1½    | 2     | 2½    | 3     | 4      |
| 16             | 21,33  | M16 |                    |       |       |       |       |       |       |       |        |
| 20             | 26,67  | M20 |                    |       |       |       |       |       |       |       |        |
| 25             | 33,40  | M25 |                    |       |       |       |       |       |       |       |        |
| 32             | 42,17  | M32 |                    |       |       |       |       |       |       |       |        |
| 40             | 48,26  | M40 |                    |       |       |       |       |       |       |       |        |
| 50             | 60,33  | M50 |                    |       |       |       |       |       |       |       |        |
| 63             | 73,02  | M63 |                    |       |       |       |       |       |       |       |        |
| 75             | 88,90  | M75 |                    |       |       |       |       |       |       |       |        |
| 90             | 114,30 | M90 |                    |       |       |       |       |       |       |       |        |

|                |        |     | femmina - female Gk |       |       |       |       |       |       |       |        |
|----------------|--------|-----|---------------------|-------|-------|-------|-------|-------|-------|-------|--------|
|                |        |     | 1                   | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9      |
| Code           | Ø ext. |     | 18,63               | 24,12 | 30,29 | 38,95 | 44,85 | 56,66 | 72,23 | 84,93 | 110,07 |
| maschio-male M |        |     | ½                   | ¾     | 1     | 1¼    | 1½    | 2     | 2½    | 3     | 4      |
| 16             | 21,33  | M16 |                     |       |       |       |       |       |       |       |        |
| 20             | 26,67  | M20 |                     |       |       |       |       |       |       |       |        |
| 25             | 33,40  | M25 |                     |       |       |       |       |       |       |       |        |
| 32             | 42,17  | M32 |                     |       |       |       |       |       |       |       |        |
| 40             | 48,26  | M40 |                     |       |       |       |       |       |       |       |        |
| 50             | 60,33  | M50 |                     |       |       |       |       |       |       |       |        |
| 63             | 73,02  | M63 |                     |       |       |       |       |       |       |       |        |
| 75             | 88,90  | M75 |                     |       |       |       |       |       |       |       |        |
| 90             | 114,30 | M90 |                     |       |       |       |       |       |       |       |        |

Filettatura cilindrica  
Cylindrical thread

Protezione IP 66 utilizzare guarnizione codice G ..  
Protection IP 66 use gasket code G ..

Filettatura conica  
Taper thread

Protezione IP 66 utilizzare sigillante Loctite 577  
Protection IP 66 use compound Loctite 577

Esempio codice  
Sample code

REB

female 2" NPT

male M32x1.5

REB 6N.32


**B2**


**GAS**
**II2G Ex d IIC /Ex e II**
**DUST**
**II2D Ex tD A21**
**IP66**
**Zone 1 - Zone 21 - Zone 2 - Zone 22**
**IP66**
**❄️-20°C ÷ ☀️+40°C**
**❄️-50°C ÷ ☀️+80°C**

**Materiale :** Acciaio zincato  
**Materiale :** Lega leggera (L), ottone (D), acciaio inox a richiesta  
**Guarnizioni :** EPDM  
  
**Guarnizioni :** Silicone  
**a richiesta**  
**Material :** Galvanized steel  
**Materiale :** light alloy (L), brass (D), stainless steel on request  
**inox AISI 304 (Y), AISI 316 (YS)**  
  
**Gaskets :** EPDM  
  
**Gaskets :** Silicon  
**on request**



| Codice Code) |  | Peso Weight [kg] |
|--------------|---|------------------|
| RE 25.20     | M25 M20   |                  |
| RE 32.20     | M32 M20   |                  |
| RE 32.25     | M32 M25   |                  |
| RE 40.20     | M40 M20   |                  |
| RE 40.25     | M40 M25   |                  |
| RE 40.32     | M40 M32   |                  |
| RE 50.20     | M50 M20   |                  |
| RE 50.25     | M50 M25   |                  |
| RE 50.32     | M50 M32   |                  |
| RE 50.40     | M50 M40   |                  |
| RE 63.20     | M63 M20   |                  |
| RE 63.25     | M63 M25   |                  |
| RE 63.32     | M63 M32   |                  |
| RE 63.40     | M63 M40   |                  |
| RE 63.50     | M63 M50   |                  |
| RE 75.20     | M75 M20   |                  |
| RE 75.25     | M75 M25   |                  |
| RE 75.32     | M75 M32   |                  |
| RE 75.40     | M75 M40   |                  |
| RE 75.50     | M75 M50   |                  |
| RE 75.63     | M75 M63   |                  |
| RE 90.20     | M90 M20   |                  |
| RE 90.25     | M90 M25   |                  |
| RE 90.32     | M90 M32   |                  |
| RE 90.40     | M90 M40   |                  |
| RE 90.50     | M90 M50   |                  |
| RE 90.63     | M90 M63   |                  |
| RE 90.75     | M90 M75   |                  |

| Codice Code) |  | Peso Weight [kg] |
|--------------|---|------------------|
| REB 25.20    | M25 M20   |                  |
| REB 32.20    | M32 M20   |                  |
| REB 32.25    | M32 M25   |                  |
| REB 40.20    | M40 M20   |                  |
| REB 40.25    | M40 M25   |                  |
| REB 40.32    | M40 M32   |                  |
| REB 50.20    | M50 M20   |                  |
| REB 50.25    | M50 M25   |                  |
| REB 50.32    | M50 M32   |                  |
| REB 50.40    | M50 M40   |                  |
| REB 63.20    | M63 M20   |                  |
| REB 63.25    | M63 M25   |                  |
| REB 63.32    | M63 M32   |                  |
| REB 63.40    | M63 M40   |                  |
| REB 63.50    | M63 M50   |                  |
| REB 75.20    | M75 M20   |                  |
| REB 75.25    | M75 M25   |                  |
| REB 75.32    | M75 M32   |                  |
| REB 75.40    | M75 M40   |                  |
| REB 75.50    | M75 M50   |                  |
| REB 75.63    | M75 M63   |                  |
| REB 90.20    | M90 M20   |                  |
| REB 90.25    | M90 M25   |                  |
| REB 90.32    | M90 M32   |                  |
| REB 90.40    | M90 M40   |                  |
| REB 90.50    | M90 M50   |                  |
| REB 90.63    | M90 M63   |                  |
| REB 90.75    | M90 M75   |                  |

