

## Applicazione Application



I raccordi della serie SM sono utilizzati nelle più svariate applicazioni industriali. Fornibili in molteplici diametri e tipi di filettature, grazie al particolare design offrono un ottimo compromesso fra ingombro massimo e passaggio utile dei cavi. Si adattano perfettamente alle guaine corrugate risolvendo brillantemente anche gli impieghi più gravosi: trazione, urto, schiacciamento, torsione e vibrazione. Soddisfano i requisiti standard nelle installazioni elettriche e nelle applicazioni tecniche industriali.

*Straight fittings type SM are commonly used in the most industrial application branches. Several sizes and threads type are available. Due to the innovative design a gently compromise between outfit dimension and usable cross section is given.*

*Perfectly adaptable to corrugated conduits, these fittings answer positively the most heavy applications such as traction, impact, compression, torsion and vibration.*

*Suit to standard requirements in industrial and electro technical installation applications.*

**Temperatura d'esercizio:** -40°C +105°C  
**Per breve periodo:** +150°C

**Temperature Range:** -40°C +105°C  
**Short term:** +150°C

## Certificazioni Approvals

EN 61386 - 23 - EN 60529 IP68  
CE  
RINA  
UL1696 - RU file E - 124066 - CURUS  
ISO 20653 IP69K  
EN 45545-2 (HL3 per l'esterno / set di requisiti R23)  
EN 45545-2 (HL2 per l'interno / set di requisiti R22)  
NFPA130:2020  
PN-K-02511:2000

EN 61386 - 23 - EN 60529 IP68  
CE  
RINA  
UL1696 - RU file E - 124066 - CURUS  
ISO 20653 IP69K  
EN 45545-2 (HL3 for external parts / requirement set R23)  
EN 45545-2 (HL2 for internal parts / requirement set R22)  
NFPA130:2020  
PN-K-02511:2000

## Raccordo diritto filetto maschio GAS

| Codice IP66 | Codice IP68-IP69K | F Filetto GAS | Codice Guaina NW | Diametro metrico guaina | A mm | B mm | L mm  | OD1 mm | OD2 mm | SP mm | Confezione standard |
|-------------|-------------------|---------------|------------------|-------------------------|------|------|-------|--------|--------|-------|---------------------|
| 6*SM07G01   | 8*SM07G01         | 1/4"          | 7                | 10                      | 12   | 9    | 40    | 17     | 17     | 14    | 100                 |
| 6*SM10G01   | 8*SM10G01         | 1/4"          | 10               | 12                      | 12   | 8,8  | 41,4  | 20     | 20     | 17    | 100                 |
| 6*SM10G02   | 8*SM10G02         | 3/8"          | 10               | 12                      | 12   | 10,5 | 41,4  | 20     | 20     | 17    | 100                 |
| 6*SM12G02   | 8*SM12G02         | 3/8"          | 12               | 16                      | 12   | 11   | 44,65 | 24     | 24     | 20    | 100                 |
| 6*SM12G03   | 8*SM12G03         | 1/2"          | 12               | 16                      | 12   | 15   | 44,65 | 24     | 26     | 20    | 100                 |
| 6*SM17G03   | 8*SM17G03         | 1/2"          | 17               | 20                      | 13   | 16   | 46,85 | 30     | 28     | 26    | 50                  |
| 6*SM23G04   | 8*SM23G04         | 3/4"          | 23               | 25                      | 14   | 22   | 57    | 38     | 38     | 32    | 30                  |
| 6*SM29G05   | 8*SM29G05         | 1"            | 29               | 32                      | 15   | 26   | 59    | 45,5   | 46     | 40    | 20                  |
| 6*SM36G06   | 8*SM36G06         | 1" 1/4        | 36               | 40                      | 18   | 33,7 | 70    | 57     | 54     | 50    | 20                  |
| 6*SM48G07   | 8*SM48G07         | 1" 1/2        | 48               | 50                      | 17   | 40   | 75,5  | 68     | 66     | 64    | 10                  |
| 6*SM48G08   | 8*SM48G08         | 2"            | 48               | 50                      | 17   | 49   | 75,5  | 68     | 70     | 64    | 10                  |

Type IP66      Type IP68-IP69K

\* = Inserire "B" per identificare colore NERO o "G" per identificare colore GRIGIO

\* = Add "B" to order BLACK colour or "G" to order GREY colour

## Straight male fitting GAS thread

Esempio d'ordine / Order example: **6BSM23G04**

**6** Grado di protezione: IP66 statico / IP54 dinamico

IP Rating: IP66 static / IP54 dynamic

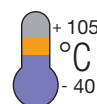
**B** Colore - Color

**SM** Codice serie - Family type

**23** Diametro nominale guaina - Nominal width

**G** Tipo di filettatura: GAS - Thread type: GAS

**04** Dimensione filetto - Thread dimension



## Raccordo diritto filetto maschio PG

| Codice IP66 | Codice IP68-IP69K | F Filetto PG | Codice Guaina NW | Diametro metrico guaina | A mm | B mm | L mm  | OD1 mm | OD2 mm | SP mm | Confezione standard |
|-------------|-------------------|--------------|------------------|-------------------------|------|------|-------|--------|--------|-------|---------------------|
| 6*SM07P07   | 8*SM07P07         | 7            | 7                | 10                      | 12   | 9    | 40    | 17     | 17     | 14    | 100                 |
| 6*SM07P09   | 8*SM07P09         | 9            | 7                | 10                      | 12   | 9    | 40    | 17     | 17     | 14    | 100                 |
| 6*SM07P11   | 8*SM07P11         | 11           | 7                | 10                      | 12   | 15   | 40    | 17     | 22     | 14    | 100                 |
| 6*SM07P13   | 8*SM07P13         | 13,5         | 7                | 10                      | 12   | 15   | 40    | 17     | 22     | 14    | 100                 |
| 6*SM10P07   | 8*SM10P07         | 7            | 10               | 12                      | 12   | 8,8  | 41,4  | 20     | 20     | 17    | 100                 |
| 6*SM10P09   | 8*SM10P09         | 9            | 10               | 12                      | 12   | 10,5 | 41,4  | 20     | 20     | 17    | 100                 |
| 6*SM10P11   | 8*SM10P11         | 11           | 10               | 12                      | 12   | 15   | 41,4  | 20     | 24     | 17    | 100                 |
| 6*SM10P13   | 8*SM10P13         | 13,5         | 10               | 12                      | 12   | 15   | 41,4  | 20     | 24     | 17    | 100                 |
| 6*SM12P09   | 8*SM12P09         | 9            | 12               | 16                      | 12   | 11   | 44,65 | 24     | 24     | 20    | 100                 |
| 6*SM12P11   | 8*SM12P11         | 11           | 12               | 16                      | 12   | 13   | 44,65 | 24     | 24     | 20    | 100                 |
| 6*SM12P13   | 8*SM12P13         | 13,5         | 12               | 16                      | 12   | 13   | 44,65 | 24     | 26     | 20    | 100                 |
| 6*SM12P16   | 8*SM12P16         | 16           | 12               | 16                      | 12   | 15   | 44,65 | 24     | 26     | 20    | 100                 |
| 6*SM17P11   | 8*SM17P11         | 11           | 17               | 20                      | 13   | 14   | 46,85 | 30     | 28     | 26    | 50                  |
| 6*SM17P13   | 8*SM17P13         | 13,5         | 17               | 20                      | 13   | 16   | 46,85 | 30     | 28     | 26    | 50                  |
| 6*SM17P16   | 8*SM17P16         | 16           | 17               | 20                      | 13   | 16   | 46,85 | 30     | 30     | 26    | 50                  |
| 6*SM23P16   | 8*SM23P16         | 16           | 23               | 25                      | 14   | 19   | 57    | 38     | 38     | 32    | 30                  |
| 6*SM23P21   | 8*SM23P21         | 21           | 23               | 25                      | 14   | 22   | 57    | 38     | 38     | 32    | 30                  |
| 6*SM29P29   | 8*SM29P29         | 29           | 29               | 32                      | 15   | 30,5 | 59    | 45,5   | 46     | 40    | 20                  |
| 6*SM36P29   | 8*SM36P29         | 29           | 36               | 40                      | 13   | 31,5 | 65    | 57     | 54     | 50    | 20                  |
| 6*SM36P36   | 8*SM36P36         | 36           | 36               | 40                      | 17   | 38   | 69    | 57     | 58     | 50    | 20                  |
| 6*SM48P36   | 8*SM48P36         | 36           | 48               | 50                      | 17   | 40   | 75,5  | 68     | 66     | 64    | 10                  |
| 6*SM48P42   | 8*SM48P42         | 42           | 48               | 50                      | 17   | 47   | 75,5  | 68     | 66     | 64    | 10                  |
| 6*SM48P48   | 8*SM48P48         | 48           | 48               | 50                      | 17   | 49   | 75,5  | 68     | 70     | 64    | 10                  |
| Type IP66   | Type IP68-IP69K   | F PG Thread  | Conduit Code NW  | Fits to metric Conduit  | A mm | B mm | L mm  | OD1 mm | OD2 mm | SP mm | Packing unit        |

## Straight male fitting PG thread



## Raccordo diritto filetto maschio ISO Metrico

| Codice IP66 | Codice IP68-IP69K | F Filetto ISO Metrico | Codice Guaina NW | Diametro metrico guaina | A mm | B mm | L mm  | OD1 mm | OD2 mm | SP mm | Confezione standard |
|-------------|-------------------|-----------------------|------------------|-------------------------|------|------|-------|--------|--------|-------|---------------------|
| 6*SM07M12   | 8*SM07M12         | M 12x1,5              | 7                | 10                      | 12   | 9    | 40    | 17     | 17     | 14    | 100                 |
| 6*SM07M16   | 8*SM07M16         | M 16x1,5              | 7                | 10                      | 12   | 9    | 40    | 17     | 20     | 14    | 100                 |
| 6*SM10M12   | 8*SM10M12         | M 12x1,5              | 10               | 12                      | 12   | 8,8  | 41,4  | 20     | 20     | 17    | 100                 |
| 6*SM10M16   | 8*SM10M16         | M 16x1,5              | 10               | 12                      | 12   | 10,5 | 41,4  | 20     | 20     | 17    | 100                 |
| 6*SM10M20   | 8*SM10M20         | M 20x1,5              | 10               | 12                      | 12   | 15   | 41,4  | 20     | 24     | 17    | 100                 |
| 6*SM12M16   | 8*SM12M16         | M 16x1,5              | 12               | 16                      | 12   | 11   | 44,65 | 24     | 24     | 20    | 100                 |
| 6*SM12M20   | 8*SM12M20         | M 20x1,5              | 12               | 16                      | 12   | 13   | 44,65 | 24     | 26     | 20    | 100                 |
| 6*SM17M20   | 8*SM17M20         | M 20x1,5              | 17               | 20                      | 13   | 14   | 46,85 | 30     | 28     | 26    | 50                  |
| 6*SM17M25   | 8*SM17M25         | M 25x1,5              | 17               | 20                      | 13   | 18,5 | 46,85 | 30     | 30     | 26    | 50                  |
| 6*SM23M25   | 8*SM23M25         | M 25x1,5              | 23               | 25                      | 14   | 19   | 57    | 38     | 38     | 32    | 30                  |
| 6*SM23M32   | 8*SM23M32         | M 32x1,5              | 23               | 25                      | 14   | 27   | 57    | 38     | 40     | 32    | 30                  |
| 6*SM29M32   | 8*SM29M32         | M 32x1,5              | 29               | 32                      | 15   | 26   | 59    | 45,5   | 46     | 40    | 20                  |
| 6*SM29M40   | 8*SM29M40         | M 40x1,5              | 29               | 32                      | 15   | 33,5 | 59    | 45,5   | 46     | 40    | 20                  |
| 6*SM36M40   | 8*SM36M40         | M 40x1,5              | 36               | 40                      | 18   | 33,7 | 70    | 57     | 54     | 50    | 20                  |
| 6*SM36M50   | 8*SM36M50         | M 50x1,5              | 36               | 40                      | 17   | 40   | 69    | 57     | 58     | 50    | 20                  |
| 6*SM48M50   | 8*SM48M50         | M 50x1,5              | 48               | 50                      | 17   | 42   | 75,5  | 68     | 66     | 64    | 10                  |
| 6*SM48M63   | 8*SM48M63         | M 63x1,5              | 48               | 50                      | 17   | 49   | 75,5  | 68     | 70     | 64    | 10                  |
| Type IP66   | Type IP68-IP69K   | F ISO Metric Thread   | Conduit Code NW  | Fits to metric Conduit  | A mm | B mm | L mm  | OD1 mm | OD2 mm | SP mm | Packing unit        |

## Straight male fitting ISO Metric thread



QR CODE: istruzioni di montaggio  
QR CODE: assembly instructions

## Raccordo diritto filetto maschio NPT

| Codice IP66 | Codice IP68-IP69K | F Filetto NPT | Codice Guaina NW | Diametro metrico guaina | A mm | B mm | L mm  | OD1 mm | OD2 mm | SP mm | Confezione standard |
|-------------|-------------------|---------------|------------------|-------------------------|------|------|-------|--------|--------|-------|---------------------|
| 6*SM12N03   | 8*SM12N03         | 1/2"          | 12               | 16                      | 13,5 | 14   | 46    | 24     | 26     | 20    | 100                 |
| 6*SM17N03   | 8*SM17N03         | 1/2"          | 17               | 20                      | 13,5 | 15   | 47,35 | 30     | 28     | 26    | 50                  |
| 6*SM23N04   | 8*SM23N04         | 3/4"          | 23               | 25                      | 14   | 20   | 57    | 38     | 38     | 32    | 30                  |
| 6*SM29N05   | 8*SM29N05         | 1"            | 29               | 32                      | 17,3 | 26   | 61,3  | 45,5   | 46     | 40    | 20                  |
| 6*SM36N06   | 8*SM36N06         | 1 1/4"        | 36               | 40                      | 18   | 33,7 | 70    | 57     | 54     | 50    | 20                  |
| 6*SM48N08   | 8*SM48N08         | 2"            | 48               | 50                      | 19   | 50   | 77,5  | 68     | 70     | 64    | 10                  |
| Type IP66   | Type IP68-IP69K   | F NPT Thread  | Conduit Code NW  | Fits to metric Conduit  | A mm | B mm | L mm  | OD1 mm | OD2 mm | SP mm | Packing unit        |

## Straight male fitting NPT thread