



Schlemmer
Industry & Building Parts



Catalogue Français/Anglais

Ferroviaire/ Railway



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Our Technology. Your Success.

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Légende

Les abréviations des en-têtes des tableaux signifient :

| | |
|--------------------------------------|-------------------------------|
| A : Diamètre extérieur gaine | H : Ouverture de clé |
| C : Passage maximal | I : Diamètre intérieur gaine |
| D : Diamètre extérieur raccord à vis | L : Longueur totale |
| E : Longueur filetée | S : Épaisseur |
| F : Diamètre embase | T : Profondeur |
| | VE : Unité de conditionnement |

Legend

Abbreviations in the table headers stand for:

| | |
|----------------------------|---------------------------|
| A: External diameter tube | I: Internal diameter tube |
| C: Maximum passage | L: Total length |
| D: External diameter gland | S: Thickness |
| E: Thread length | T: Depth |
| F: Coil diameter | PU: Package unit |
| | H: Wrench size |



À propos de Schlemmer

About Schlemmer

Schlemmer est un fabricant mondial et partenaire dans le développement international dans les domaines industriels et automobiles. Avec ses 3 Business Units, impliquées dans plusieurs domaines d'activités et apportant de nombreuses innovations, le groupe suit rigoureusement le concept de système continu : la création **de** synergies.

En tant que réseau mondial et partenaire intégré à valeur ajoutée, le groupe Schlemmer propose à ses clients un support personnalisé et fournit des solutions complètes dans toutes les gammes de produits. Basée sur les Business Units Industrie, Automobile et équipements Electroménager, le groupe conçoit, produit et commercialise sa gamme traditionnelle de systèmes de protection de câble pour applications automobiles et industrielles. Les autres secteurs d'activités de Schlemmer sont des systèmes de connexion, systèmes mécatroniques, systèmes air et liquide ainsi que des pièces de décolletage.

Dans l'expansion constante des activités commerciales du groupe, l'injection plastique d'un haut niveau de précision, et proposant des solutions complètes en matière plastique et optimisation des fonctions, joue un rôle important dans le développement de l'activité commerciale du groupe.

Les procédés de fabrication durable, les produits innovants et une stratégie de mondialisation sont les ingrédients clés pour la réussite de Schlemmer.

Schlemmer is a worldwide operating manufacturer and development partner of international industry and automotive groups. With its three business units, several business fields and numerous innovations the group stringently follows a continuous system concept: creating synergies.

As a globally networked and integrated value adding partner, the Schlemmer Group offers its customers customized support and delivers complete solutions in all product segments from one source. Based on the business units Industry, Automotive and Appliances, the company develops, produces and sells its traditional portfolio of cable protection systems for automotive and industrial applications. Other business segments of the Schlemmer product portfolio are connection systems, mechatronic systems, air and fluid systems as well as turning parts.

In the consistent expansion of the company's business activities, plastic injection molding – up to a high precision level – with complete solutions in plastics with optimized functions is playing an increasingly important role.

Sustainable manufacturing processes, innovative products and an economic globalization strategy are the ingredients of the Schlemmer's recipe for a successful business development.



Technique ferroviaire chez Schlemmer

Les gaines annelées et les presse-étoupes de Schlemmer conduisent l'électricité dans les wagons des trains et garantissent une protection durable également dans d'autres domaines de la technique ferroviaire.

Le groupe Schlemmer travaille traditionnellement pour l'industrie automobile mais est également un sous-traitant renommé dans de nombreux autres secteurs industriels. Les gaines annelées et les presse-étoupes sont utilisés depuis très longtemps par exemple dans de nombreux secteurs de la technique ferroviaire. Le domaine d'utilisation

s'étend du guidage des câbles électriques dans un compartiment de train ou entre les wagons à l'utilisation des articles dans la technologie des moteurs de traction et les postes de commande et même dans les installations de climatisation.

Comme dans tous les secteurs industriels, l'ensemble des normes de sécurité doit aussi être respecté ici afin d'éviter des incendies de câbles. Sur ce point, ce sont les spécifications des Global Player de l'industrie ferroviaire, formulées entre autres

dans les normes DIN EN 45545 et NFF 16-601, qui sont déterminantes.

Schlemmer est à la pointe du développement des produits avec des matériaux innovateurs, tels que des systèmes de joints spéciaux en silicium. La gaine annelée « Ultra Flat Wave » en est un bon exemple, elle empêche tout endommagement des câbles et conduites situés à l'intérieur grâce à sa surface intérieure lisse. Schlemmer satisfait aux autres

exigences spécifiques et détaillées du secteur ferroviaire relatifs aux éléments utilisés, par exemple par le biais de contrôles de température de -60 à 250 degrés sur les composants utilisés.



Railway technology at Schlemmer

Schlemmer corrugated tubes and cable glands route electrics in railway wagons and also furnish protection in other areas of railway technology.

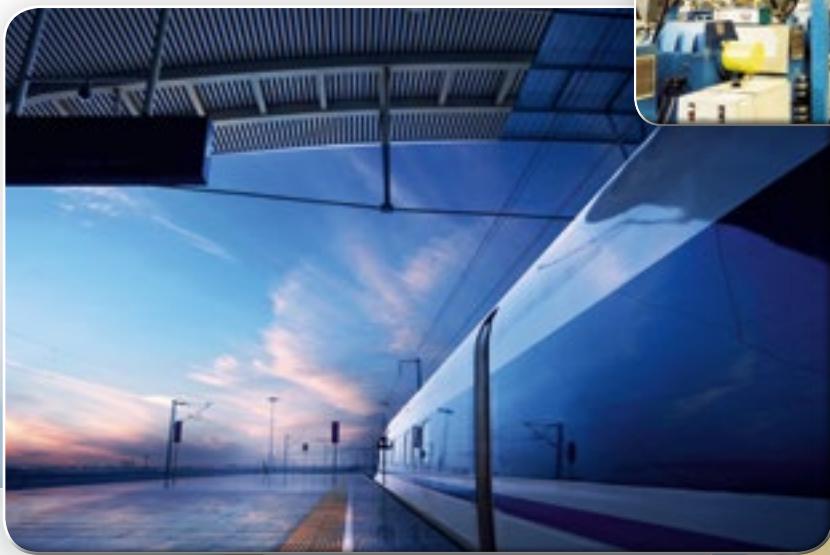
Next to the traditional automotive segment, the Schlemmer Group additionally operates as a supplier in numerous other industry segments. For instance, its corrugated tubes and cable glands have been used in many areas of railway technology for a long time. The range of applications extends from the routing of electric cables inside of cabins or in between

wagons via the application in air conditionings and the field of railway engine technology to the deployment in electronic control centers.

As in every industrial line of business, here again it is imperative to meet stringent security standards, for example in order to prevent cable fire. Primarily the requirements of the global players of the railway industry, which are for instance formulated in the norms DIN EN 45545 and NF F 16-601, are significantly relevant.

In devising innovative advancements like special silicone sealing systems, Schlemmer is at the top of the field of material development. A good example is the "Ultra Flat Wave" – a corrugated tube which prevents damage of internal cables and conduits by its almost unruffled inner walls.

Schlemmer fulfills further specific and detailed demands of the railway industry for example by complying with temperature tests of minus 60 to plus 250 degrees Celsius for the deployed components.



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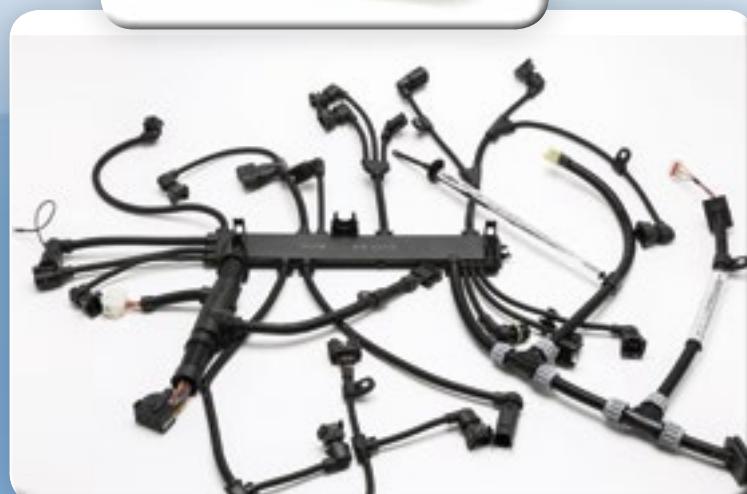
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Thaïlande/Thailand

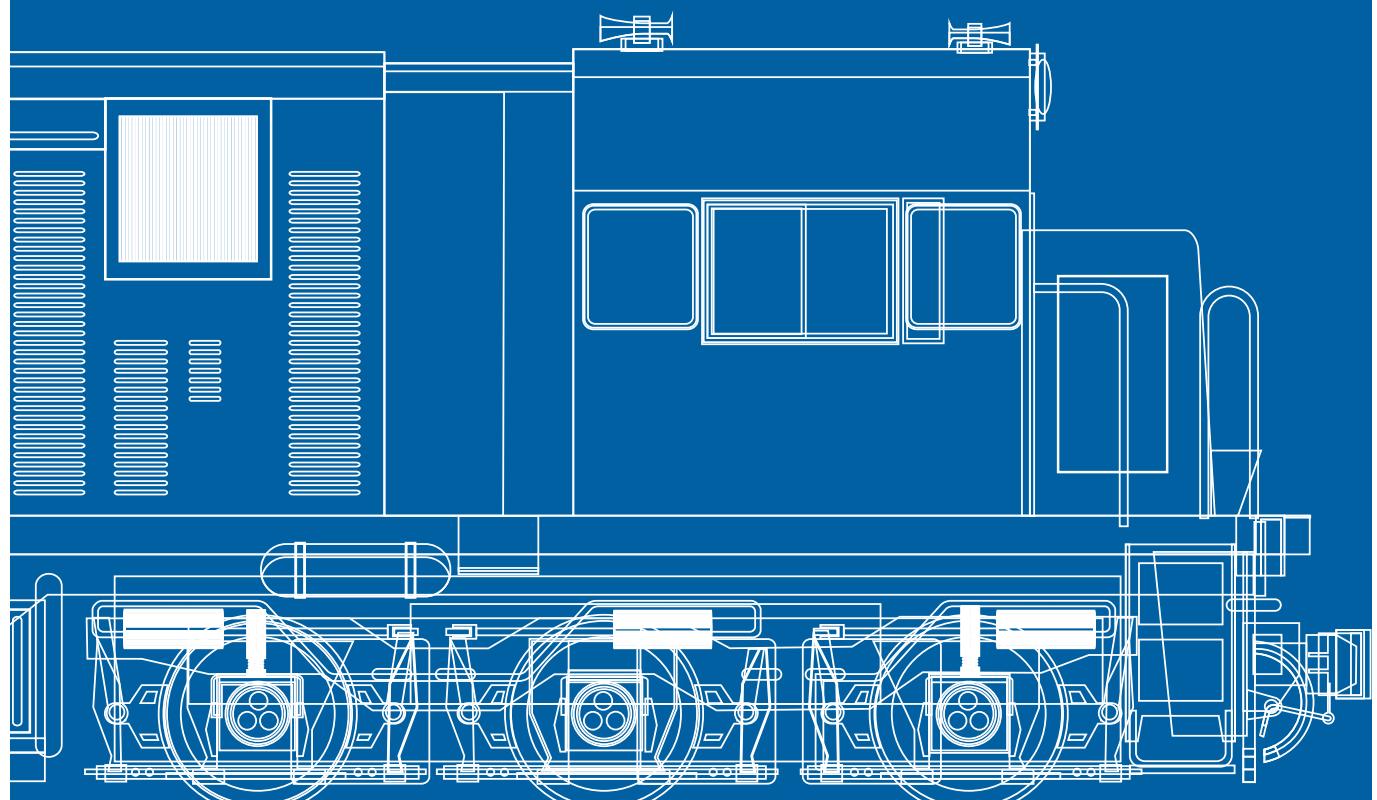
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Informations techniques / Technical Information

2.0



Certificats

Certificates

2.0

The image displays five certificates from Eurailtest, each featuring a high-speed train in motion at the top. The certificates are arranged in two columns: three on the left and two on the right.

Left Column:

- RAPPORT D'ESSAI**
CLASSEMENTS I ET F D'UN MATERIAU REFERENCE COGEUM AFR/720
DOC800719 / ME5012718
- TEST REPORT**
COMPLIANCE WITH REQUIREMENTS R22 AND R23 OF STANDARD EN 45545 OF THE MATERIAL WITH THE REFERENCE COGEUM AFR/720
DOC800667 / ME5012718
- RAPPORT D'ESSAI**
CONFORMITE AUX EXIGENCES R22 ET R23 DE LA NORME EN 45545 D'UN MATERIAU REFERENCE SCHULAND SHV9 HFR
DOC800663 / ME5012718

Right Column:

- Rapport d'essai n° 14-0450**
Classements I et F selon la norme NF F 16-101 complétée par la STM-S-001 indice C sur le produit « SILICONE SIB 2 »
Validé par le responsable d'essai : Elvira CHINNAPPA Tel. +33 1 56 95 052
Validé par le responsable technique : Clémence GREGOIRE Tel. +33 1 56 95 058
Date de validation : 08/04/2014
Ce rapport comporte : 9 pages en total dont : 3 annexes
La reproduction et la diffusion de l'original du rapport d'essai ne sont autorisées que sous forme intégrale.
L'attribution d'un classement ou de la notation de l'évaluation pour ce produit ou ce service ne peut être utilisée qu'en association avec un référentiel de test ou de norme spécifique. Le présent rapport ne constitue pas une certification de conformité à une norme ou à une spécification. Pour toute demande de certification, il convient de faire appel à un organisme de certification accrédité.
- Test report n° 14-0450**
Fire behaviour as per standard NF EN 45545-2 of the product "SILICONE SIB 2"
Written by the test supervisor : Elvira CHINNAPPA Tel. +33 1 56 95 052
Validated by the technical manager : Clémence GREGOIRE Tel. +33 1 56 95 058
Validation date : 07 April 2014
This report includes : 9 pages including 3 appendices
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Informations techniques

2.0

1. Présentation de la nouvelle génération WADI-BN



1. WADI-BN TYPE 3 ou 4 :
- Garniture
 - Chapeau standard ou avec protection contre la flexion
 - Silicone résistant au feu et à la chaleur
 - Le silicone augmente la résistance au froid et au gel



2. WADI-BN TYPE 3BIS à 4BIS :
- Garniture
 - Chapeau standard ou avec protection contre la flexion
 - Néoprène résistant au froid et au gel



3. WADI-BN TYPE 6 :
- Deux garnitures
 - Chapeau avec protection contre la flexion
 - Silicone résistant au feu et à la chaleur
 - Le silicone augmente la résistance au froid et au gel



4. WADI-BN TYPE 6BIS :
- Deux garnitures
 - Chapeau avec protection contre la flexion
 - Néoprène résistant au froid et au gel

Protection antitorsion croissante
(NF F 61-030)

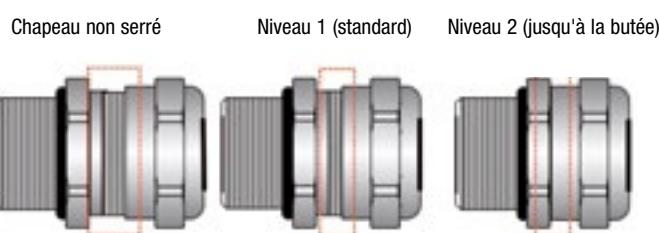
2. Remarques à propos de la protection antitorsion (NF F 61-030)

Presse-étoupe WADI-BN TYPE 1 – 6BIS Fixation progressive jusqu'à la butée

Dans certains cas, il est nécessaire de fixer le corps du raccord et le chapeau en deux étapes.

1. Serrer le chapeau jusqu'au premier niveau. Les indications relatives aux Nm correspondants peuvent être relevées dans le rapport d'essai.
2. Attendre quelques secondes.
3. Serrer le chapeau jusqu'au deuxième niveau (métal contre métal).

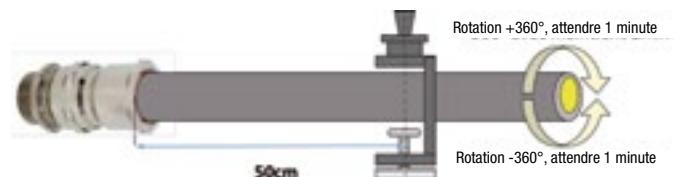
Avec cette procédure, le garniture se détend temporairement. Cela permet de resserrer davantage le chapeau.



Presse-étoupe WADI-BN TYPE 3 – 6BIS et ACM standard

Notice de test : protection antitorsion selon NF F 61-030

1. Bloquer le câble à l'aide d'un étau à une distance de 50 cm environ du presse-étoupe.
2. Tourner le câble de 360° et le maintenir une minute dans cette position. Il ne doit pas être tordu devant l'ouverture du presse-étoupe.
3. Positionner le câble de nouveau sur sa position de départ et relâcher la torsion 0°.
4. Tourner le câble de 360° dans la direction opposée et le maintenir une minute dans cette position. Il ne doit pas non plus être tordu devant l'ouverture du presse-étoupe.
5. Positionner le câble de nouveau sur sa position de départ et relâcher la torsion (0°).

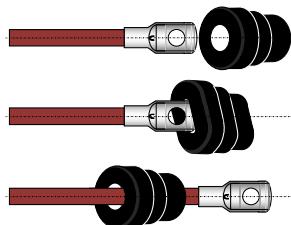


3. Explications fonctionnelles

Presse-étoupe WADI-BN TYPE 1

pour cosses de câble

Notice de montage

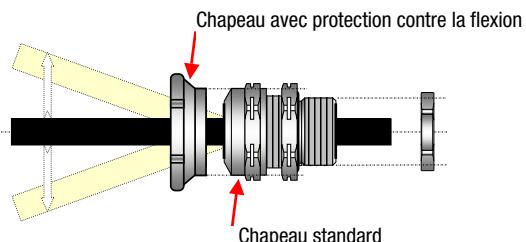


1. Démonter le joint
2. Comprimer le joint et passer la cosses de câble
3. Monter le joint avec le câble dans le raccord

Presse-étoupe WADI-BN TYPE 1 – 6BIS

IP68 avec une utilisation dynamique

Le presse-étoupe conserve les propriétés IP68 lorsque le câble est exposé à des mouvements.



Presse-étoupe EMV SCHLEMMER-TEC PROFI

Notice de montage

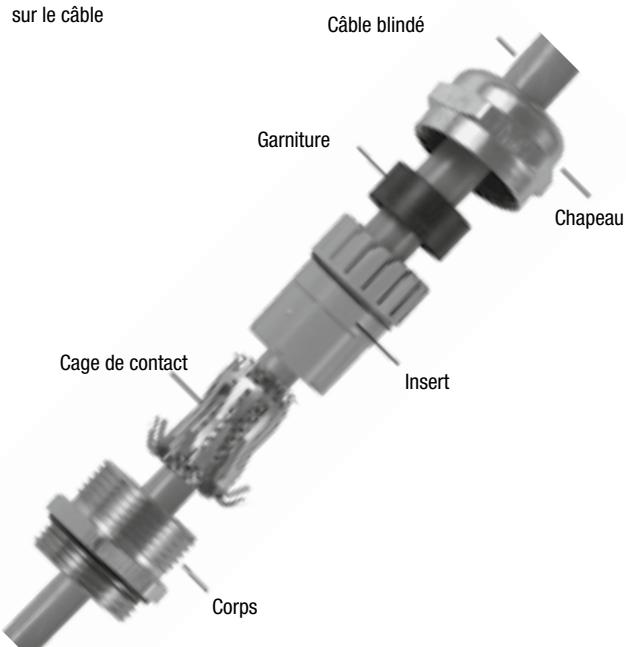
À travers la fixation de l'écrou borgne, le joint exerce une pression sur la cage de contact dans le corps de serrage. Les languettes de contact sont ainsi repoussées sans endommagement vers l'intérieur sur la gaine de blindage du câble.

La mise en contact sur 360° brevetée n'endommage pas la gaine de blindage du câble conducteur et garantit ainsi une protection CEM maximale.

1. Dénuder le câble sur env. 10-15 mm (selon la taille du raccord)



2. Monter le raccord sur le câble



3. Serrer le chapeau



Technical Information

2.0

1. Introduction of the new generation WADI-BN



1. WADI-BN TYPE 3 or 4:

- One seal
- Standard cap nut or cap nut with bend protection
- Fire and heat resistant silicone
- Especially cold and frost resistant silicone



2. WADI-BN TYPE 3BIS or 4BIS:

- One seal
- Standard cap nut or cap nut with bend protection
- Cold and frost resistant neoprene



3. WADI-BN TYPE 6:

- Two seals
- Cap nut with bend protection
- Fire and heat resistant silicone
- Especially cold and frost resistant silicone



4. WADI-BN TYPE 6BIS:

- Two seals
- Cap nut with bend protection
- Cold and frost resistant neoprene

Twist
protection
(NF F 61-030)

2. Twist protection remarks (NF F 61-030)

Cable glands WADI-BN TYPE 1 - 6BIS

Gradual fixation to the stop

In certain cases, it is necessary to fixate the cap nut to the gland element in two steps.

1. Screw the cap nut tight up to the first level. Details of the respective Nm can be found in the test report.
2. Pause for a short intermission of a few seconds.
3. Screw the cap nut even tighter up to the second level (metal on metal).

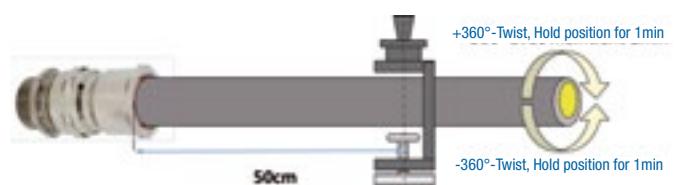
This method allows an intermediate loosening of the seal. As a result, an intensified fixation of the cap nut is made possible.



Cable glands WADI-BN TYPE 3 - 6BIS and ACM standard

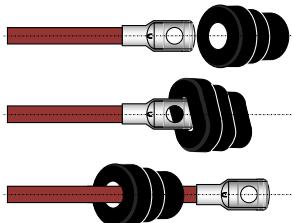
Test instructions: Twist protection according to NF F 61-030

1. Block the wire with help of a bench vice by maintaining a distance of approx. 50cm to the cable gland.
2. Twist the wire 360° and hold it in this position for one minute. It now must not be twisted in front of the opening of the cable gland.
3. Return wire to starting position and loosen the twist (0°).
4. Twist the wire 360° in the opposite direction and hold it in this position for one minute. Also now it must not be twisted in front of the opening of the cable gland.
5. Return wire to starting position and loosen the twist (0°).



3. Functional descriptions

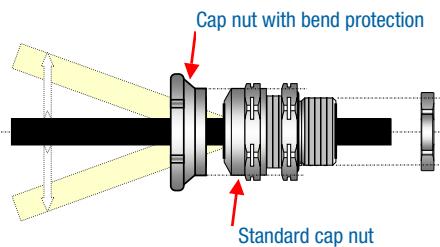
Cable gland WADI-BN TYPE 1 for terminals *Installation instructions*



1. Remove seal
2. Press seal together and route terminal through
3. Install seal with cable in the gland

Cable glands WADI-BN TYPE 1 - 6BIS *IP68 in dynamic conditions*

The cable gland retains IP68 when the cable is exposed to movements.

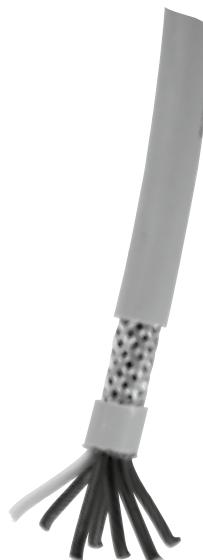


Cable gland EMC SCHLEMMER-TEC PROFI *Installation instructions*

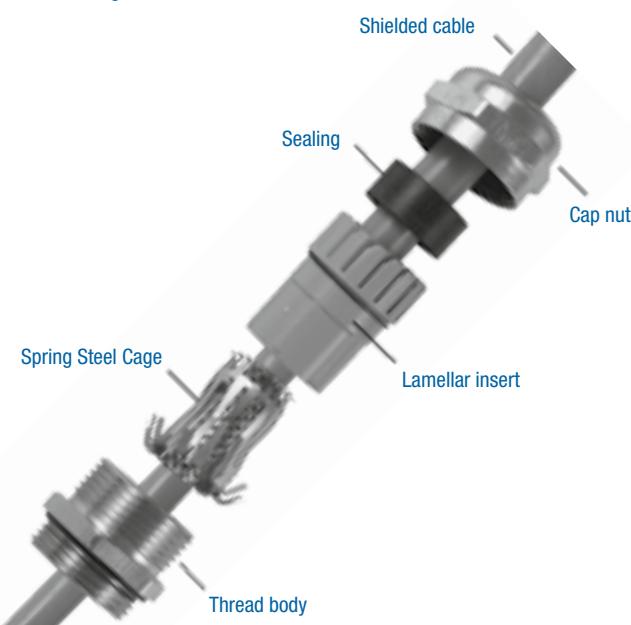
By tightening the cap nut the seal exerts pressure on the contact cage inside the clamping element. Thereby the contact ties are gently pressed towards the inside against the cable braiding.

The patented 360° connection does not damage the braided shielding of power cables and thus guarantees maximum EMC protection.

1. Strip cable approx. 10-15mm (according to cable gland size)

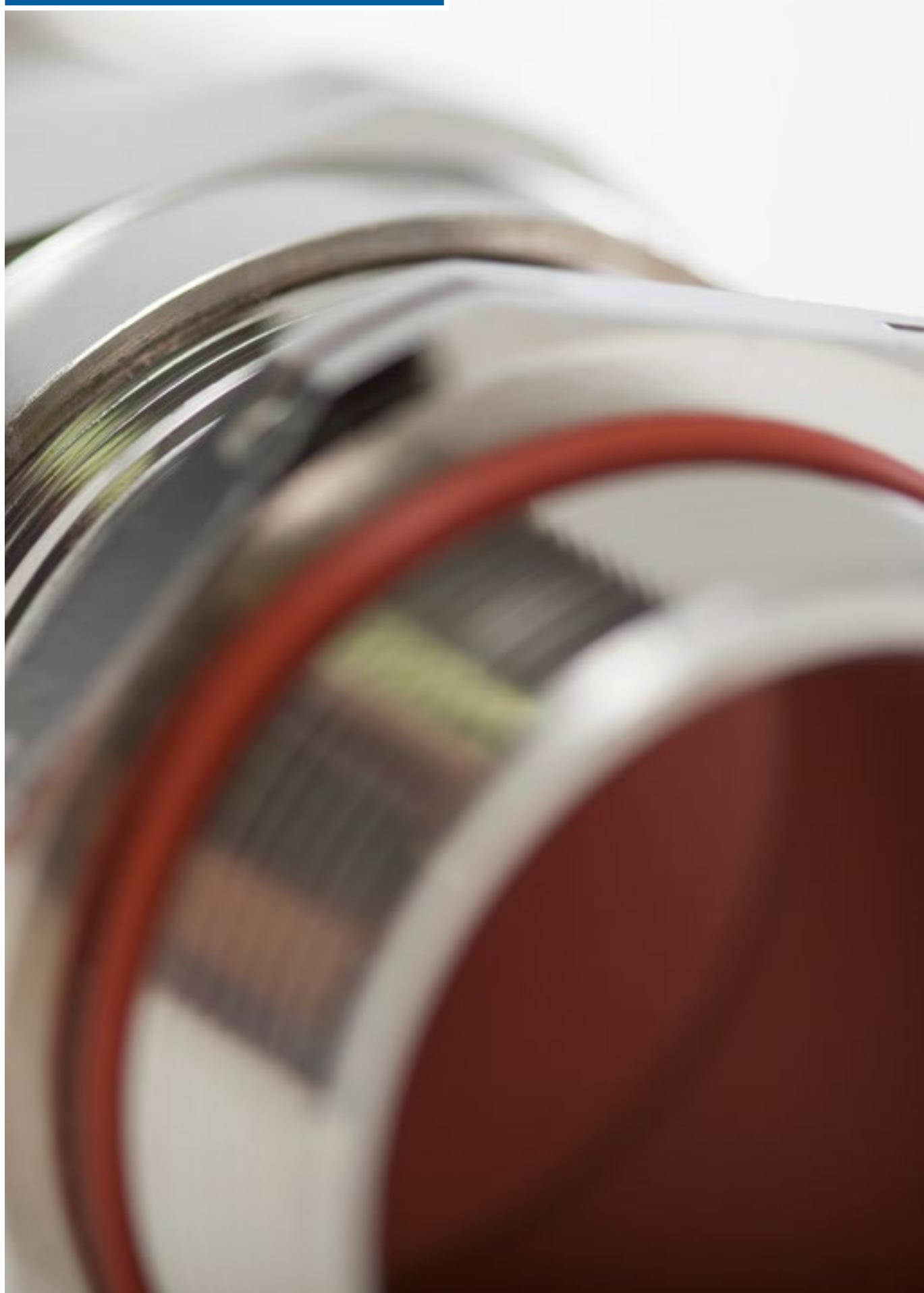


2. Attach cable gland to cable



3. Screw cap nut tight





**Presse-étoupe
WADI-BN TYPE 3
Protection contre
l'incendie
Laiton nickelé
Filetage métrique**

RoHS

IP 68

EN 45545: R22 HL3 - R23 HL3
Eurailtest 14.0412

NF F 16-101: I2F0
Eurailtest 14.0410

Matériel :

- 1/2/3 : Chapeau/Garniture mécanique d'étanchéité/ Corps du raccord : laiton nickelé
- 4/5 : Garniture/Joint torique : silicone

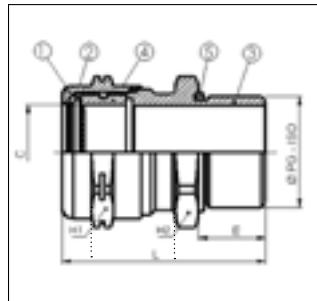
Plage de température :

-60°C à 250°C

Couleur(s)/Versions :

- Filetage extérieur : métrique
- Filetage pour tube blindé sur demande
- Joint du filetage de raccord également disponible comme joint plat

**Cable gland
WADI-BN TYPE 3
Fire & Smoke**
**Nickel-plated brass
Metric thread**



| Filetage extérieur | Plage de serrage mm | H1 / H2 mm | C mm | E mm | L mm | N° art. Schlemmer | N° art. SIB | Poids joint g | VE pc. |
|--------------------------------------------------------|---------------------|---------------|------|------|-------|--------------------|--------------|------------------|---------|
| External thread | Clamping range mm | H1 / H2 mm | C mm | E mm | L mm | Art. no. Schlemmer | Art. no. SIB | Weight sealing g | PU pcs. |
| Métrique, filetage court / Metric, short thread | | | | | | | | | |
| M 12 x 1,5 | 4,0 - 8,0 | 17,0 / 17,0 | 8,0 | 7,0 | 33,0 | - | C1504712 | 0,9 | 1 |
| M 16 x 1,5 | 7,0 - 12,0 | 20,0 / 20,0 | 12,0 | 7,0 | 30,0 | - | C1505716 | 1,0 | 1 |
| M 20 x 1,5 | 9,0 - 16,0 | 24,0 / 24,0 | 16,2 | 7,0 | 34,0 | - | C1506720 | 1,7 | 1 |
| M 25 x 1,5 | 9,0 - 16,0 | 24,0 / 28,0 | 16,2 | 8,0 | 35,0 | - | C1506725 | 1,7 | 1 |
| M 25 x 1,5 | 13,0 - 20,5 | 30,0 / 30,0 | 20,5 | 8,0 | 36,0 | - | C1507725 | 2,6 | 1 |
| M 32 x 1,5 | 13,0 - 21,0 | 30,0 / 36,0 | 21,4 | 8,5 | 36,5 | - | C1507733 | 2,6 | 1 |
| M 32 x 1,5 | 16,0 - 27,0 | 40,0 / 40,0 | 27,5 | 8,5 | 53,5 | - | C1508732 | 7,2 | 1 |
| M 40 x 1,5 | 21,0 - 34,0 | 48,0 / 48,0 | 34,3 | 8,5 | 59,5 | - | C1509740 | 12,0 | 1 |
| M 50 x 1,5 | 28,0 - 41,0 | 55,0 / 55,0 | 41,5 | 9,5 | 65,5 | - | C1510750 | 16,4 | 1 |
| M 63 x 1,5 | 34,0 - 47,5 | 64,0 / 65,0 | 48,0 | 10,5 | 76,5 | - | C1511763 | 24,0 | 1 |
| M 63 x 1,5 | 39,0 - 54,0 | 70,0 / 70,0 | 54,9 | 10,5 | 78,5 | - | C1512763 | 27,0 | 1 |
| M 75 x 1,5 | 48,0 - 65,0 | 90,0 / 85,0 | 66,0 | 11,5 | 93,5 | - | C1513775 | 52,0 | 1 |
| M 80 x 2,0 | 55,0 - 74,0 | 100,0 / 95,0 | 74,0 | 12,0 | 104,0 | - | C1514780 | 66,0 | 1 |
| M 90 x 2,0 | 65,0 - 83,0 | 125,0 / 110,0 | 83,0 | 12,0 | 113,0 | - | C1515790 | 120,0 | 1 |
| M 100 x 2,0 | 74,0 - 93,0 | 125,0 / 120,0 | 93,0 | 12,0 | 113,0 | - | C1516799 | 135,0 | 1 |

| | | | | | | | | | | |
|-----------------------------------------------|-------------|-------------|---------------|------|------|-------|---|----------|-------|---|
| Métrique, filetage long / Metric, long thread | M 12 x 1,5 | 4,0 - 8,0 | 17,0 / 17,0 | 8,0 | 16,0 | 42,0 | - | C1504512 | 0,9 | 1 |
| | M 16 x 1,5 | 7,0 - 12,0 | 20,0 / 20,0 | 12,0 | 16,0 | 39,0 | - | C1505516 | 1,0 | 1 |
| | M 20 x 1,5 | 9,0 - 16,0 | 24,0 / 24,0 | 16,2 | 16,0 | 43,0 | - | C1506520 | 1,7 | 1 |
| | M 25 x 1,5 | 9,0 - 16,0 | 24,0 / 28,0 | 16,2 | 16,0 | 43,0 | - | C1506525 | 1,7 | 1 |
| | M 25 x 1,5 | 13,0 - 20,5 | 30,0 / 30,0 | 20,5 | 16,0 | 44,0 | - | C1507525 | 2,6 | 1 |
| | M 32 x 1,5 | 13,0 - 21,0 | 30,0 / 36,0 | 21,4 | 16,0 | 44,0 | - | C1507533 | 2,6 | 1 |
| | M 32 x 1,5 | 16,0 - 27,0 | 40,0 / 40,0 | 27,5 | 16,0 | 61,0 | - | C1508532 | 7,2 | 1 |
| | M 40 x 1,5 | 21,0 - 34,0 | 48,0 / 48,0 | 34,3 | 16,0 | 67,0 | - | C1509540 | 12,0 | 1 |
| | M 50 x 1,5 | 28,0 - 41,0 | 55,0 / 55,0 | 41,5 | 16,0 | 72,0 | - | C1510550 | 16,4 | 1 |
| | M 63 x 1,5 | 34,0 - 47,5 | 64,0 / 65,0 | 48,0 | 16,0 | 82,0 | - | C1511563 | 24,0 | 1 |
| | M 63 x 1,5 | 39,0 - 54,0 | 70,0 / 70,0 | 54,9 | 16,0 | 84,0 | - | C1512563 | 27,0 | 1 |
| | M 75 x 1,5 | 48,0 - 65,0 | 90,0 / 85,0 | 66,0 | 18,0 | 100,0 | - | C1513575 | 52,0 | 1 |
| | M 80 x 2,0 | 55,0 - 74,0 | 100,0 / 95,0 | 74,0 | 20,0 | 112,0 | - | C1514580 | 66,0 | 1 |
| | M 90 x 2,0 | 65,0 - 83,0 | 125,0 / 110,0 | 83,0 | 22,0 | 123,0 | - | C1515590 | 120,0 | 1 |
| | M 100 x 2,0 | 74,0 - 93,0 | 125,0 / 120,0 | 93,0 | 22,0 | 123,0 | - | C1516599 | 135,0 | 1 |

| | | | | | | | | | | |
|---------------------------------------------------------------------------------------------------------------------|------------|-------------|-------------|------|------|------|---|----------|------|---|
| Métrique, filetage court, avec garniture d'étanchéité de réduction / Metric, short thread, with reducer seal insert | M 32 x 1,5 | 7,0 - 15,0 | 30,0 / 36,0 | 21,4 | 8,5 | 36,5 | - | C1507732 | 2,6 | 1 |
| | M 32 x 1,5 | 10,0 - 20,0 | 40,0 / 40,0 | 27,5 | 8,5 | 53,5 | - | C1508731 | 8,9 | 1 |
| | M 40 x 1,5 | 14,0 - 26,0 | 48,0 / 48,0 | 34,3 | 8,5 | 59,5 | - | C1509739 | 19,5 | 1 |
| | M 50 x 1,5 | 15,0 - 28,0 | 55,0 / 55,0 | 41,5 | 9,5 | 65,5 | - | C1510749 | 31,3 | 1 |
| | M 63 x 1,5 | 18,5 - 32,0 | 64,0 / 65,0 | 48,0 | 10,5 | 76,5 | - | C1511762 | 49,3 | 1 |
| Métrique, filetage long, avec garniture d'étanchéité de réduction / Metric, long thread, with reducer seal insert | M 32 x 1,5 | 7,0 - 15,0 | 30,0 / 36,0 | 21,4 | 16,0 | 44,0 | - | C1507532 | 2,6 | 1 |
| | M 32 x 1,5 | 10,0 - 20,0 | 40,0 / 40,0 | 27,5 | 16,0 | 61,0 | - | C1508531 | 8,9 | 1 |
| | M 40 x 1,5 | 14,0 - 26,0 | 48,0 / 48,0 | 34,3 | 16,0 | 67,0 | - | C1509539 | 19,5 | 1 |
| | M 50 x 1,5 | 15,0 - 28,0 | 55,0 / 55,0 | 41,5 | 16,0 | 72,0 | - | C1510549 | 31,3 | 1 |
| | M 63 x 1,5 | 18,5 - 32,0 | 64,0 / 65,0 | 48,0 | 16,0 | 82,0 | - | C1511562 | 49,3 | 1 |

Presse-étoupe WADI-BN TYPE 3BIS

Laiton nickelé
Filetage métrique

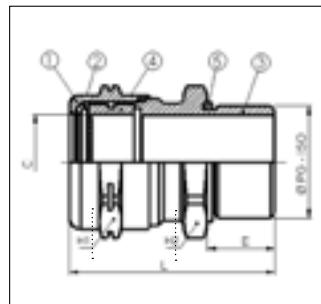
Cable gland WADI-BN TYPE 3BIS

Nickel-plated brass
Metric thread

RoHS

IP 68

EN 45545: Conformant
if plastic content is <10g



Matériel :

- 1/2/3 : Chapeau/Garniture mécanique d'étanchéité/Corps du raccord : laiton nickelé
- 4 : Garniture : néoprène
- 5 : Joint torique : nitrile

Plage de température :

-40°C à 100°C

Couleur(s)/Versions :

- Filetage extérieur : métrique
- Filetage pour tube blindé sur demande

Propriétés :

- IP 68 avec une utilisation dynamique

Material:

- 1/2/3: cap nut/slide ring/gland element: nickel-plated brass
- 4: sealing: neoprene
- 5: o-ring: nitrile

Temperature range:

-40°C to 100°C

Colour(s)/Designs:

- External thread: metric
- PG thread on request

Characteristics:

- IP 68 in dynamic conditions

3.1

| Filetage extérieur | Plage de serrage mm | H1 / H2 mm | C mm | E mm | L mm | N° art. Schlemmer | N° art. SIB | Poids joint g | VE pc. |
|--------------------------------------------------------|---------------------|---------------|------|------|-------|--------------------|--------------|------------------|---------|
| External thread | Clamping range mm | H1 / H2 mm | C mm | E mm | L mm | Art. no. Schlemmer | Art. no. SIB | Weight sealing g | PU pcs. |
| Métrique, filetage court / Metric, short thread | | | | | | | | | |
| M 12 x 1,5 | 4,0 - 8,0 | 17,0 / 17,0 | 8,0 | 7,0 | 33,0 | - | C1504212 | 0,9 | 1 |
| M 16 x 1,5 | 7,0 - 12,0 | 20,0 / 20,0 | 12,0 | 7,0 | 30,0 | - | C1505216 | 1,0 | 1 |
| M 20 x 1,5 | 9,0 - 16,0 | 24,0 / 24,0 | 16,2 | 7,0 | 34,0 | - | C1506220 | 1,7 | 1 |
| M 25 x 1,5 | 9,0 - 16,0 | 24,0 / 28,0 | 16,2 | 8,0 | 35,0 | - | C1506225 | 1,7 | 1 |
| M 25 x 1,5 | 13,0 - 20,5 | 30,0 / 30,0 | 20,5 | 8,0 | 36,0 | - | C1507225 | 2,6 | 1 |
| M 32 x 1,5 | 13,0 - 21,0 | 30,0 / 36,0 | 21,4 | 8,5 | 36,5 | - | C1507233 | 2,6 | 1 |
| M 32 x 1,5 | 16,0 - 27,0 | 40,0 / 40,0 | 27,5 | 8,5 | 53,5 | - | C1508232 | 7,2 | 1 |
| M 40 x 1,5 | 21,0 - 34,0 | 48,0 / 48,0 | 34,3 | 8,5 | 59,5 | - | C1509240 | 12,0 | 1 |
| M 50 x 1,5 | 28,0 - 41,0 | 55,0 / 55,0 | 41,5 | 9,5 | 65,5 | - | C1510250 | 16,4 | 1 |
| M 63 x 1,5 | 34,0 - 47,5 | 64,0 / 65,0 | 48,0 | 10,5 | 76,5 | - | C1511263 | 24,0 | 1 |
| M 63 x 1,5 | 39,0 - 54,0 | 70,0 / 70,0 | 54,9 | 10,5 | 78,5 | - | C1512263 | 27,0 | 1 |
| M 75 x 1,5 | 48,0 - 65,0 | 90,0 / 85,0 | 66,0 | 11,5 | 93,5 | - | C1513275 | 52,0 | 1 |
| M 80 x 2,0 | 55,0 - 74,0 | 100,0 / 95,0 | 74,0 | 12,0 | 104,0 | - | C1514280 | 66,0 | 1 |
| M 90 x 2,0 | 65,0 - 83,0 | 125,0 / 110,0 | 83,0 | 12,0 | 113,0 | - | C1515290 | 120,0 | 1 |
| M 100 x 2,0 | 74,0 - 93,0 | 125,0 / 120,0 | 93,0 | 12,0 | 113,0 | - | C1516299 | 135,0 | 1 |
| Métrique, filetage long / Metric, long thread | | | | | | | | | |
| M 12 x 1,5 | 4,0 - 8,0 | 17,0 / 17,0 | 8,0 | 16,0 | 42,0 | - | C1504312 | 0,9 | 1 |
| M 16 x 1,5 | 7,0 - 12,0 | 20,0 / 20,0 | 12,0 | 16,0 | 39,0 | - | C1505316 | 1,0 | 1 |
| M 20 x 1,5 | 9,0 - 16,0 | 24,0 / 24,0 | 16,2 | 16,0 | 43,0 | - | C1506320 | 1,7 | 1 |
| M 25 x 1,5 | 9,0 - 16,0 | 24,0 / 28,0 | 16,2 | 16,0 | 43,0 | - | C1506325 | 1,7 | 1 |
| M 25 x 1,5 | 13,0 - 20,5 | 30,0 / 30,0 | 20,5 | 16,0 | 44,0 | - | C1507325 | 2,6 | 1 |
| M 32 x 1,5 | 13,0 - 21,0 | 30,0 / 36,0 | 21,4 | 16,0 | 44,0 | - | C1507333 | 2,6 | 1 |
| M 32 x 1,5 | 16,0 - 27,0 | 40,0 / 40,0 | 27,5 | 16,0 | 61,0 | - | C1508332 | 7,2 | 1 |
| M 40 x 1,5 | 21,0 - 34,0 | 48,0 / 48,0 | 34,3 | 16,0 | 67,0 | - | C1509340 | 12,0 | 1 |
| M 50 x 1,5 | 28,0 - 41,0 | 55,0 / 55,0 | 41,5 | 16,0 | 72,0 | - | C1510350 | 16,4 | 1 |
| M 63 x 1,5 | 34,0 - 47,5 | 64,0 / 65,0 | 48,0 | 16,0 | 82,0 | - | C1511363 | 24,0 | 1 |
| M 63 x 1,5 | 39,0 - 54,0 | 70,0 / 70,0 | 54,9 | 16,0 | 84,0 | - | C1512363 | 27,0 | 1 |
| M 75 x 1,5 | 48,0 - 65,0 | 90,0 / 85,0 | 66,0 | 18,0 | 100,0 | - | C1513375 | 52,0 | 1 |
| M 80 x 2,0 | 55,0 - 74,0 | 100,0 / 95,0 | 74,0 | 20,0 | 112,0 | - | C1514380 | 66,0 | 1 |
| M 90 x 2,0 | 65,0 - 83,0 | 125,0 / 110,0 | 83,0 | 22,0 | 123,0 | - | C1515390 | 120,0 | 1 |
| M 100 x 2,0 | 74,0 - 93,0 | 125,0 / 120,0 | 93,0 | 22,0 | 123,0 | - | C1516399 | 135,0 | 1 |

**Presse-étoupe
WADI-BN TYPE 4
Protection contre
l'incendie
Laiton nickelé
Filetage métrique**

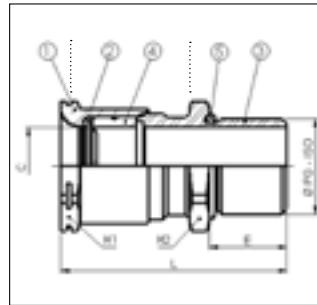
**Cable gland
WADI-BN TYPE 4
Fire & Smoke
Nickel-plated brass
Metric thread**

RoHS

IP 68

EN 45545: R22 HL3 - R23 HL3
Eurailtest 14.0412

NF F 16-101: I2FO
Eurailtest 14.0410



Matériel :

- 1/2/3 : Chapeau/Garniture mécanique d'étanchéité/
- Corps du raccord : laiton nickelé
- 4/5 : Garniture/Joint torique : silicone

Plage de température :

-60°C à 250°C

Couleur(s)/Versions :

- Filetage extérieur : métrique
- Filetage pour tube blindé sur demande
- Joint du filetage de raccord également disponible comme joint plat

Propriétés :

- Chapeau avec protection contre la flexion
- Silicone sans soufre
- IP 68 avec une utilisation dynamique



Material:

- 1/2/3: cap nut/slide ring/
- gland element: nickel-plated brass
- 4/5: sealing/o-ring: silicone

Temperature range:

-60°C to 250°C

Colour(s)/Designs:

- External thread: metric
- PG thread on request
- Connection thread seal also available as flat seal

Characteristics:

- Cap nut with bend protection
- Sulphur-free silicone
- IP 68 in dynamic conditions

3.1

| Filetage extérieur | Plage de serrage mm | H1 / H2 mm | C mm | E mm | L mm | N° art. Schlemmer | N° art. SIB | Poids joint g | VE pc. |
|--------------------|---------------------|------------|------|------|------|--------------------|--------------|------------------|---------|
| External thread | Clamping range mm | H1 / H2 mm | C mm | E mm | L mm | Art. no. Schlemmer | Art. no. SIB | Weight sealing g | PU pcs. |

Métrique, filetage court / Metric, short thread

| | | | | | | | | | |
|-------------|-------------|---------------|------|------|---|---|----------|-------|---|
| M 12 x 1,5 | 4,0 - 8,0 | 17,0 / 17,0 | 8,0 | 7,0 | - | - | E1504712 | 0,9 | 1 |
| M 16 x 1,5 | 7,0 - 12,0 | 20,0 / 20,0 | 12,0 | 7,0 | - | - | E1505716 | 1,0 | 1 |
| M 20 x 1,5 | 9,0 - 16,0 | 24,0 / 24,0 | 16,2 | 7,0 | - | - | E1506720 | 1,7 | 1 |
| M 25 x 1,5 | 9,0 - 16,0 | 24,0 / 28,0 | 16,2 | 8,0 | - | - | E1506725 | 1,7 | 1 |
| M 25 x 1,5 | 13,0 - 20,5 | 30,0 / 30,0 | 20,5 | 8,0 | - | - | E1507725 | 2,6 | 1 |
| M 32 x 1,5 | 13,0 - 21,0 | 30,0 / 36,0 | 21,4 | 8,5 | - | - | E1507733 | 2,6 | 1 |
| M 32 x 1,5 | 16,0 - 27,0 | 40,0 / 40,0 | 27,5 | 8,5 | - | - | E1508732 | 7,2 | 1 |
| M 40 x 1,5 | 21,0 - 34,0 | 48,0 / 48,0 | 34,3 | 8,5 | - | - | E1509740 | 12,0 | 1 |
| M 50 x 1,5 | 28,0 - 41,0 | 55,0 / 55,0 | 41,5 | 9,5 | - | - | E1510750 | 16,4 | 1 |
| M 63 x 1,5 | 34,0 - 47,5 | 64,0 / 65,0 | 48,0 | 10,5 | - | - | E1511763 | 24,0 | 1 |
| M 63 x 1,5 | 39,0 - 54,0 | 70,0 / 70,0 | 54,9 | 10,5 | - | - | E1512763 | 27,0 | 1 |
| M 75 x 1,5 | 48,0 - 65,0 | 90,0 / 85,0 | 66,0 | 11,5 | - | - | E1513775 | 52,0 | 1 |
| M 80 x 2,0 | 55,0 - 74,0 | 100,0 / 95,0 | 74,0 | 12,0 | - | - | E1514780 | 66,0 | 1 |
| M 90 x 2,0 | 65,0 - 83,0 | 125,0 / 110,0 | 83,0 | 12,0 | - | - | E1515790 | 120,0 | 1 |
| M 100 x 2,0 | 74,0 - 93,0 | 125,0 / 120,0 | 93,0 | 12,0 | - | - | E1516799 | 135,0 | 1 |

Métrique, filetage long / Metric, long thread

| | | | | | | | | | |
|-------------|-------------|---------------|------|------|---|---|----------|-------|---|
| M 12 x 1,5 | 4,0 - 8,0 | 17,0 / 17,0 | 8,0 | 16,0 | - | - | E1504512 | 0,9 | 1 |
| M 16 x 1,5 | 7,0 - 12,0 | 20,0 / 20,0 | 12,0 | 16,0 | - | - | E1505516 | 1,0 | 1 |
| M 20 x 1,5 | 9,0 - 16,0 | 24,0 / 24,0 | 16,2 | 16,0 | - | - | E1506520 | 1,7 | 1 |
| M 25 x 1,5 | 9,0 - 16,0 | 24,0 / 28,0 | 16,2 | 16,0 | - | - | E1506525 | 1,7 | 1 |
| M 25 x 1,5 | 13,0 - 20,5 | 30,0 / 30,0 | 20,5 | 16,0 | - | - | E1507525 | 2,6 | 1 |
| M 32 x 1,5 | 13,0 - 21,0 | 30,0 / 36,0 | 21,4 | 16,0 | - | - | E1507533 | 2,6 | 1 |
| M 32 x 1,5 | 16,0 - 27,0 | 40,0 / 40,0 | 27,5 | 16,0 | - | - | E1508532 | 7,2 | 1 |
| M 40 x 1,5 | 21,0 - 34,0 | 48,0 / 48,0 | 34,3 | 16,0 | - | - | E1509540 | 12,0 | 1 |
| M 50 x 1,5 | 28,0 - 41,0 | 55,0 / 55,0 | 41,5 | 16,0 | - | - | E1510550 | 16,4 | 1 |
| M 63 x 1,5 | 34,0 - 47,5 | 64,0 / 65,0 | 48,0 | 16,0 | - | - | E1511563 | 24,0 | 1 |
| M 63 x 1,5 | 39,0 - 54,0 | 70,0 / 70,0 | 54,9 | 16,0 | - | - | E1512563 | 27,0 | 1 |
| M 75 x 1,5 | 48,0 - 65,0 | 90,0 / 85,0 | 66,0 | 18,0 | - | - | E1513575 | 52,0 | 1 |
| M 80 x 2,0 | 55,0 - 74,0 | 100,0 / 95,0 | 74,0 | 20,0 | - | - | E1514580 | 66,0 | 1 |
| M 90 x 2,0 | 65,0 - 83,0 | 125,0 / 110,0 | 83,0 | 22,0 | - | - | E1515590 | 120,0 | 1 |
| M 100 x 2,0 | 74,0 - 93,0 | 125,0 / 120,0 | 93,0 | 22,0 | - | - | E1516599 | 135,0 | 1 |

Métrique, filetage court, avec garniture d'étanchéité de réduction / Metric, short thread with reducer seal insert

| | | | | | | | | | |
|------------|-------------|-------------|------|------|---|---|----------|------|---|
| M 32 x 1,5 | 7,0 - 15,0 | 30,0 / 36,0 | 21,4 | 8,5 | - | - | E1507732 | 2,6 | 1 |
| M 32 x 1,5 | 10,0 - 20,0 | 40,0 / 40,0 | 27,5 | 8,5 | - | - | E1508731 | 8,9 | 1 |
| M 40 x 1,5 | 14,0 - 26,0 | 48,0 / 48,0 | 34,3 | 8,5 | - | - | E1509739 | 19,5 | 1 |
| M 50 x 1,5 | 15,0 - 28,0 | 55,0 / 55,0 | 41,5 | 9,5 | - | - | E1510749 | 31,3 | 1 |
| M 63 x 1,5 | 18,5 - 32,0 | 64,0 / 65,0 | 48,0 | 10,5 | - | - | E1511762 | 49,3 | 1 |

Métrique, filetage long, avec garniture d'étanchéité de réduction / Metric, long thread with reducer seal insert

| | | | | | | | | | |
|------------|-------------|-------------|------|------|---|---|----------|------|---|
| M 32 x 1,5 | 7,0 - 15,0 | 30,0 / 36,0 | 21,4 | 16,0 | - | - | E1507532 | 2,6 | 1 |
| M 32 x 1,5 | 10,0 - 20,0 | 40,0 / 40,0 | 27,5 | 16,0 | - | - | E1508531 | 8,9 | 1 |
| M 40 x 1,5 | 14,0 - 26,0 | 48,0 / 48,0 | 34,3 | 16,0 | - | - | E1509539 | 19,5 | 1 |
| M 50 x 1,5 | 15,0 - 28,0 | 55,0 / 55,0 | 41,5 | 16,0 | - | - | E1510549 | 31,3 | 1 |
| M 63 x 1,5 | 18,5 - 32,0 | 64,0 / 65,0 | 48,0 | 16,0 | - | - | E1511562 | 49,3 | 1 |

Presse-étoupe WADI-BN TYPE 4BIS

Laiton nickelé
Filetage métrique

Cable gland WADI-BN TYPE 4BIS

Nickel-plated brass
Metric thread

RoHS

IP 68

EN 45545: conforme si le
contenu en plastique < 10g

Matériel :

- 1/2/3 : Chapeau/Garniture mécanique d'étanchéité/Corps du raccord : laiton nickelé
- 4 : Garniture : néoprène
- 5 : Joint torique : nitrile

Plage de température :

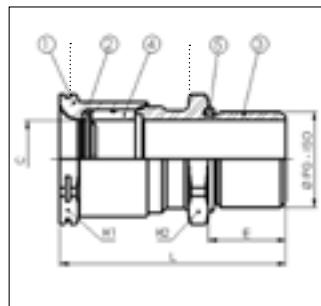
-40°C à 100°C

Couleur(s)/Versions :

- Filetage extérieur : métrique
- Filetage pour tube blindé sur demande

Propriétés :

- Chapeau avec protection contre la flexion
- IP 68 avec une utilisation dynamique



Material:

- 1/2/3: cap nut/slide ring/gland element: nickel-plated brass
- 4: sealing: neoprene
- 5: o-ring: nitrile

Characteristics:

- Cap nut with bend protection
- IP 68 in dynamic conditions

Temperature range:

-40°C to 100°C

Colour(s)/Designs:

- External thread: metric
- PG thread on request

3.1

| Filetage extérieur External thread | Plage de serrage mm Clamping range mm | H1 / H2 mm H1 / H2 mm | C mm C mm | E mm E mm | L mm L mm | N° art. Schlemmer Art. no. Schlemmer | N° art. SIB Art. no. SIB | Poids joint g Weight sealing g | VE pc. PU pcs. |
|--------------------------------------------------------|------------------------------------------|--------------------------|--------------|--------------|--------------|-----------------------------------------|-----------------------------|-----------------------------------|-------------------|
| Métrique, filetage court / Metric, short thread | | | | | | | | | |
| M 12 x 1,5 | 4,0 - 8,0 | 17,0 / 17,0 | 8,0 | 7,0 | - | - | E1504212 | 0,9 | 1 |
| M 16 x 1,5 | 7,0 - 12,0 | 20,0 / 20,0 | 12,0 | 7,0 | - | - | E1505216 | 1,0 | 1 |
| M 20 x 1,5 | 9,0 - 16,0 | 24,0 / 24,0 | 16,2 | 7,0 | - | - | E1506220 | 1,7 | 1 |
| M 25 x 1,5 | 9,0 - 16,0 | 24,0 / 28,0 | 16,2 | 8,0 | - | - | E1506225 | 1,7 | 1 |
| M 25 x 1,5 | 13,0 - 20,5 | 30,0 / 30,0 | 20,5 | 8,0 | - | - | E1507225 | 2,6 | 1 |
| M 32 x 1,5 | 13,0 - 21,0 | 30,0 / 36,0 | 21,4 | 8,5 | - | - | E1507233 | 2,6 | 1 |
| M 32 x 1,5 | 16,0 - 27,0 | 40,0 / 40,0 | 27,5 | 8,5 | - | - | E1508232 | 7,2 | 1 |
| M 40 x 1,5 | 21,0 - 34,0 | 48,0 / 48,0 | 34,3 | 8,5 | - | - | E1509240 | 12,0 | 1 |
| M 50 x 1,5 | 28,0 - 41,0 | 55,0 / 55,0 | 41,5 | 9,5 | - | - | E1510250 | 16,4 | 1 |
| M 63 x 1,5 | 34,0 - 47,5 | 64,0 / 65,0 | 48,0 | 10,5 | - | - | E1511263 | 24,0 | 1 |
| M 63 x 1,5 | 39,0 - 54,0 | 70,0 / 70,0 | 54,9 | 10,5 | - | - | E1512263 | 27,0 | 1 |
| M 75 x 1,5 | 48,0 - 65,0 | 90,0 / 85,0 | 66,0 | 11,5 | - | - | E1513275 | 52,0 | 1 |
| M 80 x 2,0 | 55,0 - 74,0 | 100,0 / 95,0 | 74,0 | 12,0 | - | - | E1514280 | 66,0 | 1 |
| M 90 x 2,0 | 65,0 - 83,0 | 125,0 / 110,0 | 83,0 | 12,0 | - | - | E1515290 | 120,0 | 1 |
| M 100 x 2,0 | 74,0 - 93,0 | 125,0 / 120,0 | 93,0 | 12,0 | - | - | E1516299 | 135,0 | 1 |
| Métrique, filetage long / Metric, long thread | | | | | | | | | |
| M 12 x 1,5 | 4,0 - 8,0 | 17,0 / 17,0 | 8,0 | 16,0 | - | - | E1504312 | 0,9 | 1 |
| M 16 x 1,5 | 7,0 - 12,0 | 20,0 / 20,0 | 12,0 | 16,0 | - | - | E1505316 | 1,0 | 1 |
| M 20 x 1,5 | 9,0 - 16,0 | 24,0 / 24,0 | 16,2 | 16,0 | - | - | E1506320 | 1,7 | 1 |
| M 25 x 1,5 | 9,0 - 16,0 | 24,0 / 28,0 | 16,2 | 16,0 | - | - | E1506325 | 1,7 | 1 |
| M 25 x 1,5 | 13,0 - 20,5 | 30,0 / 30,0 | 20,5 | 16,0 | - | - | E1507325 | 2,6 | 1 |
| M 32 x 1,5 | 13,0 - 21,0 | 30,0 / 36,0 | 21,4 | 16,0 | - | - | E1507333 | 2,6 | 1 |
| M 32 x 1,5 | 16,0 - 27,0 | 40,0 / 40,0 | 27,5 | 16,0 | - | - | E1508332 | 7,2 | 1 |
| M 40 x 1,5 | 21,0 - 34,0 | 48,0 / 48,0 | 34,3 | 16,0 | - | - | E1509340 | 12,0 | 1 |
| M 50 x 1,5 | 28,0 - 41,0 | 55,0 / 55,0 | 41,5 | 16,0 | - | - | E1510350 | 16,4 | 1 |
| M 63 x 1,5 | 34,0 - 47,5 | 64,0 / 65,0 | 48,0 | 16,0 | - | - | E1511363 | 24,0 | 1 |
| M 63 x 1,5 | 39,0 - 54,0 | 70,0 / 70,0 | 54,9 | 16,0 | - | - | E1512363 | 27,0 | 1 |
| M 75 x 1,5 | 48,0 - 65,0 | 90,0 / 85,0 | 66,0 | 18,0 | - | - | E1513375 | 52,0 | 1 |
| M 80 x 2,0 | 55,0 - 74,0 | 100,0 / 95,0 | 74,0 | 20,0 | - | - | E1514380 | 66,0 | 1 |
| M 90 x 2,0 | 65,0 - 83,0 | 125,0 / 110,0 | 83,0 | 22,0 | - | - | E1515390 | 120,0 | 1 |
| M 100 x 2,0 | 74,0 - 93,0 | 125,0 / 120,0 | 93,0 | 22,0 | - | - | E1516399 | 135,0 | 1 |

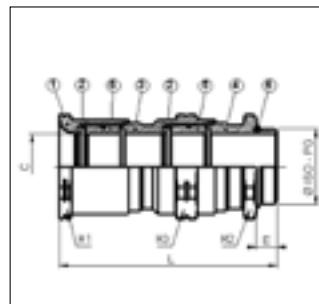
Presse-étoupe
WADI-BN TYPE 6
Protection contre
l'incendie
NF F 61-030
Laiton nickelé
Filetage métrique

Cable gland
WADI-BN TYPE 6
Fire & Smoke
NF F 61-030
Nickel-plated brass
Metric thread

RoHS **IP 68**

EN 45545: R22 HL3 - R23 HL3
Eurailtest 14.0412

NF F 16-101: I2F0
Eurailtest 14.0410



Matériel :

- 1/2/3+4 : Chapeau/Garniture mécanique d'étanchéité/ Corps du raccord : Laiton nickelé
- 5/6 : Garniture/Joint torique : silicone

Plage de température :

-60°C à 250°C

Couleur(s)/Versions :

- Filetage extérieur : métrique
- Filetage pour tube blindé sur demande

Propriétés :

- Protection antitorsion (NF F 61-030)
- Chapeau avec protection contre la flexion
- Silicone sans soufre
- IP 68 avec une utilisation dynamique



Material:

- 1/2/3+4: cap nut/slide ring/gland element: nickel-plated brass
- 5/6: sealings/o-ring: silicone

Temperature range:

Standard: -60°C to 250°C

Colour(s)/Designs:

- External thread: metric
- PG thread on request

Characteristics:

- Twist protection (NF F 61-030)
- Cap nut with bend protection
- Surphur-free silicone
- IP 68 in dynamic conditions

3.1

| Filetage extérieur | Plage de serrage mm | H1 / H2 mm | H3 mm | C mm | E mm | L mm | N° art. Schlemmer | N° art. SIB | Poids joints g | VE pc. |
|--------------------|---------------------|------------|-------|------|------|------|--------------------|--------------|-------------------|---------|
| External thread | Clamping range mm | H1 / H2 mm | H3 mm | C mm | E mm | L mm | Art. no. Schlemmer | Art. no. SIB | Weight sealings g | PU pcs. |

Métrique, filetage court / Metric, short thread

| | | | | | | | | | | |
|-------------|-------------|---------------|-------|------|------|-------|---|----------|-------|---|
| M 12 x 1,5 | 4,0 - 8,0 | 17,0 / 17,0 | 17,0 | 8,0 | 7,0 | 56,0 | - | E1704712 | 1,8 | 1 |
| M 16 x 1,5 | 7,0 - 12,0 | 20,0 / 20,0 | 20,0 | 12,0 | 7,0 | 56,0 | - | E1705716 | 2,0 | 1 |
| M 20 x 1,5 | 9,0 - 16,0 | 24,0 / 24,0 | 24,0 | 16,2 | 7,0 | 58,0 | - | E1706720 | 3,4 | 1 |
| M 25 x 1,5 | 9,0 - 16,0 | 24,0 / 28,0 | 24,0 | 16,2 | 8,0 | - | - | E1706725 | 3,4 | 1 |
| M 25 x 1,5 | 13,0 - 20,5 | 30,0 / 30,0 | 30,0 | 20,5 | 8,0 | 67,0 | - | E1707725 | 5,2 | 1 |
| M 32 x 1,5 | 13,0 - 21,0 | 30,0 / 36,0 | 30,0 | 21,4 | 8,5 | 75,0 | - | E1707733 | 5,2 | 1 |
| M 32 x 1,5 | 16,0 - 27,0 | 40,0 / 40,0 | 40,0 | 27,5 | 8,5 | 88,0 | - | E1708732 | 14,4 | 1 |
| M 40 x 1,5 | 21,0 - 34,0 | 48,0 / 48,0 | 48,0 | 34,3 | 8,5 | 100,5 | - | E1709740 | 24,0 | 1 |
| M 50 x 1,5 | 28,0 - 41,0 | 55,0 / 55,0 | 55,0 | 41,5 | 9,5 | 114,5 | - | E1710750 | 32,8 | 1 |
| M 63 x 1,5 | 34,0 - 47,5 | 64,0 / 65,0 | 64,0 | 48,0 | 10,5 | 145,5 | - | E1711763 | 48,0 | 1 |
| M 63 x 1,5 | 39,0 - 54,0 | 70,0 / 70,0 | 70,0 | 54,9 | 10,5 | 145,5 | - | E1712763 | 54,0 | 1 |
| M 75 x 1,5 | 48,0 - 65,0 | 85,0 / 85,0 | 85,0 | 66,0 | 11,5 | 158,5 | - | E1713775 | 104,0 | 1 |
| M 80 x 2,0 | 55,0 - 74,0 | 100,0 / 95,0 | 95,0 | 74,0 | 12,0 | 170,0 | - | E1714780 | 132,0 | 1 |
| M 90 x 2,0 | 65,0 - 83,0 | 110,0 / 110,0 | 110,0 | 83,0 | 12,0 | 190,0 | - | E1715790 | 240,0 | 1 |
| M 100 x 2,0 | 74,0 - 93,0 | 120,0 / 120,0 | 120,0 | 93,0 | 12,0 | 200,0 | - | E1716799 | 270,0 | 1 |

Métrique, filetage long / Metric, long thread

| | | | | | | | | | | |
|-------------|-------------|---------------|-------|------|------|-------|---|----------|-------|---|
| M 12 x 1,5 | 4,0 - 8,0 | 17,0 / 17,0 | 17,0 | 8,0 | 16,0 | 65,0 | - | E1704512 | 1,8 | 1 |
| M 16 x 1,5 | 7,0 - 12,0 | 20,0 / 20,0 | 20,0 | 12,0 | 16,0 | 65,0 | - | E1705516 | 2,0 | 1 |
| M 20 x 1,5 | 9,0 - 16,0 | 24,0 / 24,0 | 24,0 | 16,2 | 16,0 | 67,0 | - | E1706520 | 3,4 | 1 |
| M 25 x 1,5 | 9,0 - 16,0 | 24,0 / 28,0 | 24,0 | 16,2 | 16,0 | - | - | E1706525 | 3,4 | 1 |
| M 25 x 1,5 | 13,0 - 20,5 | 30,0 / 30,0 | 30,0 | 20,5 | 16,0 | 75,0 | - | E1707525 | 5,2 | 1 |
| M 32 x 1,5 | 13,0 - 21,0 | 30,0 / 36,0 | 30,0 | 21,4 | 16,0 | 82,5 | - | E1707533 | 5,2 | 1 |
| M 32 x 1,5 | 16,0 - 27,0 | 40,0 / 40,0 | 40,0 | 27,5 | 16,0 | 95,5 | - | E1708532 | 14,4 | 1 |
| M 40 x 1,5 | 21,0 - 34,0 | 48,0 / 48,0 | 48,0 | 34,3 | 16,0 | 108,0 | - | E1709540 | 24,0 | 1 |
| M 50 x 1,5 | 28,0 - 41,0 | 55,0 / 55,0 | 55,0 | 41,5 | 16,0 | 121,0 | - | E1710550 | 32,8 | 1 |
| M 63 x 1,5 | 34,0 - 47,5 | 64,0 / 65,0 | 64,0 | 48,0 | 16,0 | 151,0 | - | E1711563 | 48,0 | 1 |
| M 63 x 1,5 | 39,0 - 54,0 | 70,0 / 70,0 | 70,0 | 54,9 | 16,0 | 151,0 | - | E1712563 | 54,0 | 1 |
| M 75 x 1,5 | 48,0 - 65,0 | 85,0 / 85,0 | 85,0 | 66,0 | 18,0 | 165,0 | - | E1713575 | 104,0 | 1 |
| M 80 x 2,0 | 55,0 - 74,0 | 100,0 / 95,0 | 95,0 | 74,0 | 20,0 | 178,0 | - | E1714580 | 132,0 | 1 |
| M 90 x 2,0 | 65,0 - 83,0 | 110,0 / 110,0 | 110,0 | 83,0 | 22,0 | 200,0 | - | E1715590 | 240,0 | 1 |
| M 100 x 2,0 | 74,0 - 93,0 | 120,0 / 120,0 | 120,0 | 93,0 | 22,0 | 210,0 | - | E1716599 | 270,0 | 1 |

Attention :

La plage de serrage indiquée garantit l'étanchéité du raccord, mais ne garantit pas toutefois la solidité de la protection antitorsion. Cette dernière varie nettement selon la composition des matériaux du câble.

Caution:

The specified clamping range guarantees the tightness of the gland, though not the intensity of the twist protection. The latter varies significantly depending on the material composition of the cable.

| Filetage extérieur | Plage de serrage mm | H1 / H2 mm | H3 mm | C mm | E mm | L mm | N° art. Schlemmer | N° art. SIB | Poids joints g | VE pc. |
|----------------------------------------------------------------------------------------------------------------------------|---------------------|-------------|-------|------|------|-------|--------------------|--------------|-------------------|---------|
| External thread | Clamping range mm | H1 / H2 mm | H3 mm | C mm | E mm | L mm | Art. no. Schlemmer | Art. no. SIB | Weight sealings g | PU pcs. |
| Métrique, filetage court, avec garniture d'étanchéité de réduction / Metric, short thread, with reducer seal insert | | | | | | | | | | |
| M 32 x 1,5 | 7,0 - 15,0 | 30,0 / 36,0 | 30,0 | 21,4 | 8,5 | 75,0 | - | E1707732 | 5,2 | 1 |
| M 32 x 1,5 | 10,0 - 20,0 | 40,0 / 40,0 | 40,0 | 27,5 | 8,5 | 88,0 | - | E1708731 | 17,8 | 1 |
| M 40 x 1,5 | 14,0 - 26,0 | 48,0 / 48,0 | 48,0 | 34,3 | 8,5 | 100,0 | - | E1709739 | 39,0 | 1 |
| M 50 x 1,5 | 15,0 - 28,0 | 55,0 / 55,0 | 55,0 | 41,5 | 9,5 | 114,0 | - | E1710749 | 62,6 | 1 |
| M 63 x 1,5 | 18,5 - 32,0 | 64,0 / 65,0 | 64,0 | 48,0 | 10,5 | 145,0 | - | E1711762 | 98,6 | 1 |
| Métrique, filetage long, avec garniture d'étanchéité de réduction / metric, long thread, with reducer seal insert | | | | | | | | | | |
| M 32 x 1,5 | 7,0 - 15,0 | 30,0 / 36,0 | 30,0 | 21,4 | 16,0 | 82,5 | - | E1707532 | 5,2 | 1 |
| M 32 x 1,5 | 10,0 - 20,0 | 40,0 / 40,0 | 40,0 | 27,5 | 16,0 | 95,5 | - | E1708531 | 17,8 | 1 |
| M 40 x 1,5 | 14,0 - 26,0 | 48,0 / 48,0 | 48,0 | 34,3 | 16,0 | 108,0 | - | E1709539 | 39,0 | 1 |
| M 50 x 1,5 | 15,0 - 28,0 | 55,0 / 55,0 | 55,0 | 41,5 | 16,0 | 121,0 | - | E1710549 | 62,6 | 1 |
| M 63 x 1,5 | 18,5 - 32,0 | 64,0 / 65,0 | 64,0 | 48,0 | 16,0 | 151,0 | - | E1711562 | 98,6 | 1 |

3.1

Attention :

La plage de serrage indiquée garantit l'étanchéité du raccord, mais ne garantit pas toutefois la solidité de la protection antitorsion. Cette dernière varie nettement selon la composition des matériaux du câble.

Caution:

The specified clamping range guarantees the tightness of the gland, though not the intensity of the twist protection. The latter verifies significantly depending on the material composition of the cable.

Presse-étoupe
WADI-BN TYPE 6BIS
NF F 61-030

Laiton nickelé
Filetage métrique

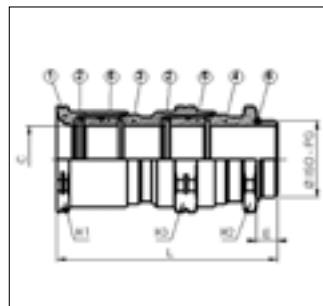
Cable gland
WADI-BN TYPE 6BIS
NF F 61-030

Nickel-plated brass
Metric thread

RoHS

IP 68

EN 45545: conforme si le
contenu en plastique < 10g



Matériel :

- 1/2/3+4 : Chapeau/Garniture mécanique d'étanchéité/ Corps du raccord : Laiton nickelé
- 5 : Garniture : néoprène
- 6 : Joint torique : nitrile

Plage de température :

-40°C à 100°C

Couleur(s)/Versions :

- Filetage extérieur : métrique
- Filetage pour tube blindé sur demande

Propriétés :

- Protection antitorison (NF F 61-030)
- Chapeau avec protection contre la flexion
- IP 68 avec une utilisation dynamique

Material:

- 1/2/3+4: cap nut/slide ring/ gland element: nickel-plated brass
- 5: sealings: neoprene
- 6: o-ring: nitrile

Temperature range:

Standard: -40°C to 100°C

Colour(s)/Designs:

- External thread: metric
- PG thread on request

Characteristics:

- Twist protection (NF F 61-030)
- Cap nut with bend protection
- IP 68 in dynamic conditions

3.1

| Filetage extérieur | Plage de serrage mm | H1 / H2 mm | H3 mm | C mm | E mm | L mm | N° art. Schlemmer | N° art. SIB | Poids joints g | VE pc. |
|--------------------------------------------------------|---------------------|---------------|-------|------|------|-------|--------------------|--------------|-------------------|---------|
| External thread | Clamping range mm | H1 / H2 mm | H3 mm | C mm | E mm | L mm | Art. no. Schlemmer | Art. no. SIB | Weight sealings g | PU pcs. |
| Métrique, filetage court / Metric, short thread | | | | | | | | | | |
| M 12 x 1,5 | 4,0 - 8,0 | 17,0 / 17,0 | 17,0 | 8,0 | 7,0 | 56,0 | - | E1704212 | 1,8 | 1 |
| M 16 x 1,5 | 7,0 - 12,0 | 20,0 / 20,0 | 20,0 | 12,0 | 7,0 | 56,0 | - | E1705216 | 2,0 | 1 |
| M 20 x 1,5 | 9,0 - 16,0 | 24,0 / 24,0 | 24,0 | 16,2 | 7,0 | 58,0 | - | E1706220 | 3,4 | 1 |
| M 25 x 1,5 | 9,0 - 16,0 | 24,0 / 28,0 | 24,0 | 16,2 | 8,0 | - | - | E1706225 | 3,4 | 1 |
| M 25 x 1,5 | 13,0 - 20,5 | 30,0 / 30,0 | 30,0 | 20,5 | 8,0 | 67,0 | - | E1707225 | 5,2 | 1 |
| M 32 x 1,5 | 13,0 - 21,0 | 30,0 / 36,0 | 30,0 | 21,4 | 8,5 | 75,0 | - | E1707233 | 5,2 | 1 |
| M 32 x 1,5 | 16,0 - 27,0 | 40,0 / 40,0 | 40,0 | 27,5 | 8,5 | 88,0 | - | E1708232 | 14,4 | 1 |
| M 40 x 1,5 | 21,0 - 34,0 | 48,0 / 48,0 | 48,0 | 34,3 | 8,5 | 100,5 | - | E1709240 | 24,0 | 1 |
| M 50 x 1,5 | 28,0 - 41,0 | 55,0 / 55,0 | 55,0 | 41,5 | 9,5 | 114,5 | - | E1710250 | 32,8 | 1 |
| M 63 x 1,5 | 34,0 - 47,5 | 64,0 / 65,0 | 64,0 | 48,0 | 10,5 | 145,5 | - | E1711263 | 48,0 | 1 |
| M 63 x 1,5 | 39,0 - 54,0 | 70,0 / 70,0 | 70,0 | 54,9 | 10,5 | 145,5 | - | E1712263 | 54,0 | 1 |
| M 75 x 1,5 | 48,0 - 65,0 | 85,0 / 85,0 | 85,0 | 66,0 | 11,5 | 158,5 | - | E1713275 | 104,0 | 1 |
| M 80 x 2,0 | 55,0 - 74,0 | 100,0 / 95,0 | 95,0 | 74,0 | 12,0 | 170,0 | - | E1714280 | 132,0 | 1 |
| M 90 x 2,0 | 65,0 - 83,0 | 110,0 / 110,0 | 110,0 | 83,0 | 12,0 | 190,0 | - | E1715290 | 240,0 | 1 |
| M 100 x 2,0 | 74,0 - 93,0 | 120,0 / 120,0 | 120,0 | 93,0 | 12,0 | 200,0 | - | E1716299 | 270,0 | 1 |
| Métrique, filetage long / Metric, long thread | | | | | | | | | | |
| M 12 x 1,5 | 4,0 - 8,0 | 17,0 / 17,0 | 17,0 | 8,0 | 16,0 | 65,0 | - | E1704312 | 1,8 | 1 |
| M 16 x 1,5 | 7,0 - 12,0 | 20,0 / 20,0 | 20,0 | 12,0 | 16,0 | 65,0 | - | E1705316 | 2,0 | 1 |
| M 20 x 1,5 | 9,0 - 16,0 | 24,0 / 24,0 | 24,0 | 16,2 | 16,0 | 67,0 | - | E1706320 | 3,4 | 1 |
| M 25 x 1,5 | 9,0 - 16,0 | 24,0 / 28,0 | 24,0 | 16,2 | 16,0 | - | - | E1706325 | 3,4 | 1 |
| M 25 x 1,5 | 13,0 - 20,5 | 30,0 / 30,0 | 30,0 | 20,5 | 16,0 | 75,0 | - | E1707325 | 5,2 | 1 |
| M 32 x 1,5 | 13,0 - 21,0 | 30,0 / 36,0 | 30,0 | 21,4 | 16,0 | 82,5 | - | E1707333 | 5,2 | 1 |
| M 32 x 1,5 | 16,0 - 27,0 | 40,0 / 40,0 | 40,0 | 27,5 | 16,0 | 95,5 | - | E1708332 | 14,4 | 1 |
| M 40 x 1,5 | 21,0 - 34,0 | 48,0 / 48,0 | 48,0 | 34,3 | 16,0 | 108,0 | - | E1709340 | 24,0 | 1 |
| M 50 x 1,5 | 28,0 - 41,0 | 55,0 / 55,0 | 55,0 | 41,5 | 16,0 | 121,0 | - | E1710350 | 32,8 | 1 |
| M 63 x 1,5 | 34,0 - 47,5 | 64,0 / 65,0 | 64,0 | 48,0 | 16,0 | 151,0 | - | E1711363 | 48,0 | 1 |
| M 63 x 1,5 | 39,0 - 54,0 | 70,0 / 70,0 | 70,0 | 54,9 | 16,0 | 151,0 | - | E1712363 | 54,0 | 1 |
| M 75 x 1,5 | 48,0 - 65,0 | 85,0 / 85,0 | 85,0 | 66,0 | 18,0 | 165,0 | - | E1713375 | 104,0 | 1 |
| M 80 x 2,0 | 55,0 - 74,0 | 100,0 / 95,0 | 95,0 | 74,0 | 20,0 | 178,0 | - | E1714380 | 132,0 | 1 |
| M 90 x 2,0 | 65,0 - 83,0 | 110,0 / 110,0 | 110,0 | 83,0 | 22,0 | 200,0 | - | E1715390 | 240,0 | 1 |
| M 100 x 2,0 | 74,0 - 93,0 | 120,0 / 120,0 | 120,0 | 93,0 | 22,0 | 210,0 | - | E1716399 | 270,0 | 1 |

Attention :

La plage de serrage indiquée garantit l'étanchéité du raccord, mais ne garantit pas toutefois la solidité de la protection antitorison. Cette dernière varie nettement selon la composition des matériaux du câble.

Caution:

The specified clamping range guarantees the tightness of the gland, though not the intensity of the twist protection. The latter verifies significantly depending on the material composition of the cable.

Presse-étoupe WADI-BN TYPE 1

Laiton nickelé
Pour tube blindé/filetage
métrique

Cable gland WADI-BN TYPE 1

Nickel-plated brass
PG/metric thread

RoHS

IP 68

EN 45545: conforme si le
contenu en plastique < 10g

Matériel :

- 1/2 : Chapeau/Corps du raccord : laiton nickelé
- 3 : Garniture : santoprene
- 4 : Joint torique : nitrile

Plage de température :

-25°C à 120°C

Couleur(s)/Versions :

- Filetage extérieur : pour tube blindé/ métrique
- Filetage long pour tube blindé sur demande

Propriétés :

- IP68 avec une utilisation dynamique

Material:

- 1/2: cap nut/gland element: nickel-plated brass
- 3: sealing: santoprene
- 4: o-ring: nitrile

Temperature range:

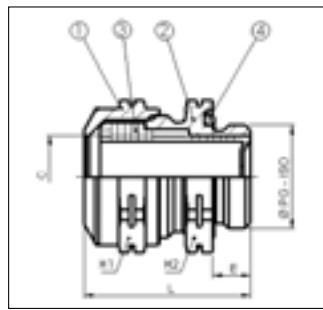
-25°C to 120°C

Colour(s)/Designs:

- External thread: PG/metric
- Long PG thread on request

Characteristics:

- IP 68 in dynamic conditions



| Filetage extérieur External thread | Plage de serrage mm Clamping range mm | H1 / H2 mm H1 / H2 mm | C mm C mm | E mm E mm | L mm L mm | N° art. Schlemmer Art. no. Schlemmer | N° art. SIB Art. no. SIB | Poids joint g Weight sealing g | VE pc. PU pcs. |
|--------------------------------------------------------|------------------------------------------|--------------------------|--------------|--------------|--------------|-----------------------------------------|-----------------------------|-----------------------------------|-------------------|
| PG, filetage court / PG, short thread | | | | | | | | | |
| PG 7 | 4,8 - 7,8 | 17,0 / 17,0 | 9,5 | 5,0 | 22,5 | - | C6201507 | 1,0 | 50 |
| PG 9 | 6,7 - 10,2 | 20,0 / 20,0 | 11,0 | 5,5 | 24,5 | - | C6201523 | 1,5 | 50 |
| PG 11 | 9,4 - 13,4 | 24,0 / 24,0 | 15,0 | 6,0 | 26,0 | - | C6201540 | 2,0 | 50 |
| PG 13,5 | 11,0 - 15,0 | 26,0 / 26,0 | 17,0 | 6,0 | 27,5 | - | C6201566 | 2,5 | 50 |
| PG 16 | 12,4 - 16,9 | 28,0 / 28,0 | 18,5 | 6,5 | 29,0 | - | C6201604 | 3,5 | 25 |
| PG 21 | 16,9 - 21,9 | 36,0 / 36,0 | 24,0 | 7,0 | 32,0 | - | C6201647 | 5,5 | 25 |
| PG 29 | 23,8 - 29,8 | 46,0 / 46,0 | 31,0 | 8,0 | 37,5 | - | C6201663 | 9,5 | 10 |
| PG 36 | 32,0 - 39,0 | 55,0 / 55,0 | 42,0 | 9,0 | 41,5 | - | C6201680 | 16,0 | 10 |
| PG 42 | 37,2 - 45,2 | 65,0 / 65,0 | 48,0 | 10,0 | 46,5 | - | C6201701 | 23,0 | 10 |
| PG 48 NFC | 41,5 - 50,0 | 70,0 / 70,0 | 53,0 | 10,5 | 49,0 | - | C6201728 | 29,0 | 5 |
| PG 48 DIN | 43,0 - 51,0 | 70,0 / 70,0 | 53,0 | 10,5 | 49,0 | - | C6201739 | 23,5 | 1 |
| Métrique, filetage court / Metric, short thread | | | | | | | | | |
| M 16 x 1,5 | 6,7 - 10,2 | 20,0 / 20,0 | 12,0 | 10,0 | 29,0 | - | C6211169 | 1,6 | 50 |
| M 20 x 1,5 | 9,4 - 13,4 | 24,0 / 26,0 | 15,3 | 10,0 | 31,0 | - | C6211209 | 2,2 | 50 |
| M 25 x 1,5 | 11,0 - 15,0 | 26,0 / 28,0 | 17,0 | 10,0 | 32,0 | - | C6211259 | 2,8 | 20 |
| M 25 x 1,5 | 12,4 - 16,9 | 28,0 / 28,0 | 19,0 | 10,0 | 32,5 | - | C6211258 | 3,8 | 20 |
| M 25 x 1,5 | 15,0 - 18,0 | 28,0 / 28,0 | 19,0 | 10,0 | 32,5 | - | C6211257 | 2,4 | 20 |
| M 32 x 1,5 | 16,9 - 21,9 | 36,0 / 36,0 | 24,2 | 10,0 | 35,0 | - | C6211329 | 5,6 | 20 |
| M 40 x 1,5 | 23,8 - 29,8 | 46,0 / 46,0 | 31,8 | 10,0 | 39,5 | - | C6211409 | 9,6 | 20 |
| M 50 x 1,5 | 32,0 - 39,0 | 55,0 / 55,0 | 41,8 | 10,0 | 42,5 | - | C6211509 | 15,8 | 5 |
| M 63 x 1,5 | 37,2 - 45,2 | 68,0 / 68,0 | 48,5 | 10,0 | 46,5 | - | C6211639 | 23,0 | 5 |
| Métrique, filetage long / Metric, long thread | | | | | | | | | |
| M 16 x 1,5 | 6,7 - 10,2 | 20,0 / 20,0 | 12,0 | 15,0 | 34,0 | - | C6201169 | 1,6 | 50 |
| M 20 x 1,5 | 9,4 - 13,4 | 24,0 / 26,0 | 15,3 | 15,0 | 36,0 | - | C6201209 | 2,2 | 50 |
| M 25 x 1,5 | 11,0 - 15,0 | 26,0 / 28,0 | 17,0 | 15,0 | 37,0 | - | C6201259 | 2,8 | 20 |
| M 25 x 1,5 | 12,4 - 16,9 | 28,0 / 28,0 | 19,0 | 15,0 | 37,5 | - | C6201258 | 3,8 | 20 |
| M 25 x 1,5 | 15,0 - 18,0 | 28,0 / 28,0 | 19,0 | 15,0 | 37,5 | - | C6201257 | 2,4 | 20 |
| M 32 x 1,5 | 16,9 - 21,9 | 36,0 / 36,0 | 24,2 | 15,0 | 40,0 | - | C6201329 | 5,6 | 20 |
| M 40 x 1,5 | 23,8 - 29,8 | 46,0 / 46,0 | 31,8 | 15,0 | 44,5 | - | C6201409 | 9,6 | 20 |
| M 50 x 1,5 | 32,0 - 39,0 | 55,0 / 55,0 | 41,8 | 15,0 | 47,5 | - | C6201509 | 15,8 | 10 |
| M 63 x 1,5 | 37,2 - 45,2 | 68,0 / 68,0 | 48,5 | 15,0 | 51,5 | - | C6201639 | 23,0 | 5 |

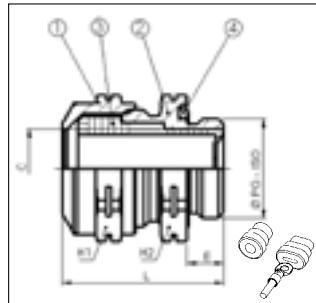
Presse-étoupe
WADI-BN TYPE 1
pour passage de
cosses de câble
Laiton nickelé
Pour tube blindé/filetage
métrique

RoHS

IP 68

EN 45545: conforme si le
contenu en plastique < 10g

Cable gland
WADI-BN TYPE 1
for terminals
Nickel-plated brass
PG/metric thread



Matériel :

- 1/2 : Chapeau/Corps du raccord : laiton nickelé
- 3 : Garniture : santoprene
- 4 : Joint torique : nitrile

Plage de température :

-25°C à 120°C

Couleur(s)/Versions :

- Filetage extérieur : pour tube blindé/métrique

Propriétés :

- IP 68 avec une utilisation dynamique

Material:

- 1/2: cap nut/gland element: nickel-plated brass
- 3: sealing: santoprene
- 4: o-ring: nitrile

Temperature range:

-25°C to 120°C

Colour(s)/Designs:

- External thread: PG/metric

Characteristics:

- IP 68 in dynamic conditions

| Filetage extérieur | Plage de serrage Clamping range | | H1 / H2 mm | C mm | E mm | L mm | N° art. Schlemmer | N° art. SIB | Poids joint g | VE pc. |
|--------------------------------------------------------|------------------------------------|------------------------------------------|-------------|------|------|------|--------------------|--------------|------------------|---------|
| External thread | Ø Câble Ø Cable mm | Section Cross-section mm ² | H1 / H2 mm | C mm | E mm | L mm | Art. no. Schlemmer | Art. no. SIB | Weight sealing g | PU pcs. |
| PG, filetage court / PG, short thread | | | | | | | | | | |
| PG 7 | 1,6 - 4,6 | 1,34 - 2,61 | 17,0 / 17,0 | 9,5 | 5,0 | 22,5 | - | C6201505 | 1,2 | 50 |
| PG 9 | 5,0 - 8,0 | 4,0 - 10,0 | 20,0 / 20,0 | 12,0 | 5,5 | 24,5 | - | C6201506 | 2,2 | 50 |
| PG 11 | 5,0 - 8,8 | 4,0 - 10,0 | 24,0 / 24,0 | 14,5 | 6,0 | 26,0 | - | C6201544 | 3,8 | 50 |
| PG 11 | 6,5 - 10,0 | 10,0 - 16,0 | 24,0 / 24,0 | 15,0 | 6,0 | 26,0 | - | C6201543 | 3,4 | 50 |
| PG 13,5 | 7,5 - 11,5 | 10,0 - 16,0 | 26,0 / 26,0 | 16,5 | 6,0 | 27,5 | - | C6201568 | 4,4 | 50 |
| PG 16 | 8,0 - 12,5 | 16,0 - 25,0 | 28,0 / 28,0 | 19,0 | 6,5 | 29,0 | - | C6201614 | 5,6 | 25 |
| PG 21 | 11,0 - 16,0 | 25,0 - 50,0 | 36,0 / 36,0 | 24,0 | 7,0 | 32,0 | - | C6201661 | 9,4 | 20 |
| PG 29 | 16,0 - 22,0 | 50,0 - 120,0 | 46,0 / 46,0 | 32,0 | 8,0 | 37,5 | - | C6201675 | 18,6 | 10 |
| PG 36 | 20,0 - 27,0 | 120,0 - 185,0 | 55,0 / 55,0 | 42,0 | 9,0 | 41,5 | - | C6201685 | 35,6 | 10 |
| PG 42 | 24,0 - 32,0 | 185,0 - 240,0 | 65,0 / 65,0 | 45,0 | 10,0 | 46,5 | - | C6201711 | 50,6 | 10 |
| Métrique, filetage court / Metric, short thread | | | | | | | | | | |
| M 16 x 1,5 | 5,0 - 8,0 | 4,0 - 10,0 | 20,0 / 20,0 | 12,0 | 10,0 | 34,0 | - | C6211161 | 2,2 | - |
| M 20 x 1,5 | 5,0 - 8,8 | 4,0 - 10,0 | 24,0 / 26,0 | 14,5 | 10,0 | 36,0 | - | C6211201 | 3,8 | 50 |
| M 20 x 1,5 | 6,5 - 10,0 | 10,0 - 16,0 | 24,0 / 26,0 | 15,3 | 10,0 | 36,0 | - | C6211202 | 3,4 | 50 |
| M 25 x 1,5 | 7,5 - 11,5 | 10,0 - 16,0 | 26,0 / 28,0 | 17,0 | 10,0 | 37,0 | - | C6211251 | 4,4 | - |
| M 25 x 1,5 | 8,0 - 12,5 | 16,0 - 25,0 | 28,0 / 28,0 | 19,0 | 10,0 | 37,5 | - | C6211252 | 5,6 | 20 |
| M 32 x 1,5 | 11,0 - 16,0 | 25,0 - 50,0 | 36,0 / 36,0 | 24,2 | 10,0 | 40,0 | - | C6211321 | 9,4 | - |
| M 40 x 1,5 | 19,0 - 22,0 | 50,0 - 120,0 | 46,0 / 46,0 | 29,8 | 10,0 | 44,5 | - | C6211401 | 18,6 | - |
| M 50 x 1,5 | 20,0 - 27,0 | 120,0 - 185,0 | 55,0 / 55,0 | 37,0 | 10,0 | 47,5 | - | C6211501 | 35,6 | - |
| M 63 x 1,5 | 24,0 - 32,0 | 185,0 - 240,0 | 68,0 / 65,0 | 41,0 | 10,0 | 51,5 | - | C6211631 | 50,6 | - |
| Métrique, filetage long / Metric, long thread | | | | | | | | | | |
| M 16 x 1,5 | 5,0 - 8,0 | 4,0 - 10,0 | 20,0 / 20,0 | 12,0 | 15,0 | 34,0 | - | C6201161 | 2,2 | 50 |
| M 20 x 1,5 | 5,0 - 8,8 | 4,0 - 10,0 | 24,0 / 26,0 | 14,5 | 15,0 | 36,0 | - | C6201201 | 3,8 | 50 |
| M 20 x 1,5 | 6,5 - 10,0 | 10,0 - 16,0 | 24,0 / 26,0 | 15,3 | 15,0 | 36,0 | - | C6201202 | 3,4 | 50 |
| M 25 x 1,5 | 7,5 - 11,5 | 10,0 - 16,0 | 26,0 / 28,0 | 17,0 | 15,0 | 37,0 | - | C6201251 | 4,4 | 20 |
| M 25 x 1,5 | 8,0 - 12,5 | 16,0 - 25,0 | 28,0 / 28,0 | 19,0 | 15,0 | 37,5 | - | C6201252 | 5,6 | 20 |
| M 32 x 1,5 | 11,0 - 16,0 | 25,0 - 50,0 | 36,0 / 36,0 | 24,2 | 15,0 | 40,0 | - | C6201321 | 9,4 | 20 |
| M 40 x 1,5 | 14,0 - 18,0 | 25,0 - 50,0 | 36,0 / 46,0 | 24,2 | 15,0 | 44,5 | - | C6201400 | 8,0 | 10 |
| M 40 x 1,5 | 19,0 - 22,0 | 50,0 - 120,0 | 46,0 / 46,0 | 29,8 | 15,0 | 44,5 | - | C6201401 | 18,6 | 10 |
| M 50 x 1,5 | 20,0 - 27,0 | 120,0 - 185,0 | 55,0 / 55,0 | 37,0 | 15,0 | 47,5 | - | C6201501 | 35,6 | 10 |
| M 63 x 1,5 | 24,0 - 32,0 | 185,0 - 240,0 | 65,0 / 68,0 | 41,0 | 15,0 | 51,5 | - | C6201631 | 50,6 | 10 |
| M 63 x 1,5 | 29,0 - 36,5 | 240,0 - 300,0 | 65,0 / 68,0 | 48,0 | 15,0 | 51,5 | - | C6201750 | 40,8 | 5 |

3.2

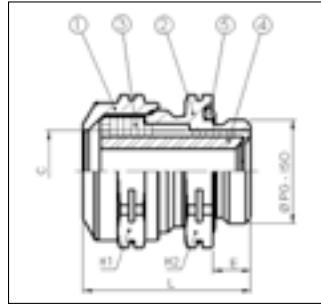
**Presse-étoupe
WADI-BN TYPE 2
avec garniture double**
Laiton nickelé
Filetage pour tube blindé

**Cable gland
WADI-BN TYPE 2
with double sealing**
Nickel-plated brass
PG thread

RoHS

IP 68

EN 45545: conforme si le
contenu en plastique < 10g



Matériel :

- 1/2 : Chapeau/Corps du raccord : laiton nickelé
- 3+4 : Garniture : santoprene
- 5 : Joint torique : nitrile

Plage de température :

-25°C à 120°C

Couleur(s)/Versions :

- Filetage extérieur : pour tube blindé

Propriétés :

- IP 68 avec une utilisation dynamique
- Garniture en deux parties pour une grande plage de serrage

Material:

- 1/2: cap nut/gland element: nickel-plated brass
- 3+4: sealing: santoprene
- 5: o-ring: nitrile

Temperature range:

-25°C to 120°C

Colour(s)/Designs:

- External thread: PG

Characteristics:

- IP 68 in dynamic conditions
- Two-piece seal for a large clamping area

3.2

| Filetage extérieur External thread | Plage de serrage mm Clamping range mm | H1 / H2 mm H1 / H2 mm | C mm C mm | E mm E mm | L mm L mm | N° art. Schlemmer Art. no. Schlemmer | N° art. SIB Art. no. SIB | Poids joint g Weight sealing g | VE pc. PU pcs. |
|----------------------------------------------|------------------------------------------|--------------------------|--------------|--------------|--------------|-----------------------------------------|-----------------------------|-----------------------------------|-------------------|
| PG, filetage court / PG, short thread | | | | | | | | | |
| PG 7 | 1,8 - 7,8 | 17,0 / 17,0 | 9,5 | 5,0 | 22,5 | - | C6201515 | 1,5 | 100 |
| PG 9 | 3,2 - 10,2 | 20,0 / 20,0 | 11,0 | 5,5 | 24,5 | - | C6201531 | 2,5 | 50 |
| PG 11 | 5,4 - 13,4 | 24,0 / 24,0 | 15,0 | 6,0 | 26,0 | - | C6201558 | 3,5 | 50 |
| PG 13,5 | 7,0 - 15,0 | 26,0 / 26,0 | 17,0 | 6,0 | 27,5 | - | C6201574 | 4,0 | 50 |
| PG 16 | 7,9 - 16,9 | 28,0 / 28,0 | 18,5 | 6,5 | 29,0 | - | C6201612 | 5,5 | 25 |
| PG 21 | 11,9 - 21,9 | 36,0 / 36,0 | 24,0 | 7,0 | 32,0 | - | C6201655 | 9,0 | 25 |
| PG 29 | 17,8 - 29,8 | 46,0 / 46,0 | 31,0 | 8,0 | 37,5 | - | C6201671 | 16,5 | 10 |
| PG 36 | 25,0 - 39,0 | 55,0 / 55,0 | 42,0 | 9,0 | 41,5 | - | C6201698 | 28,0 | 10 |
| PG 42 | 29,2 - 45,2 | 65,0 / 65,0 | 48,0 | 10,0 | 46,5 | - | C6201710 | 41,0 | 10 |
| PG 48 DIN | 33,0 - 50,0 | 70,0 / 70,0 | 53,0 | 10,5 | 49,0 | - | C6201736 | 53,0 | 5 |
| PG, filetage long / PG, long thread | | | | | | | | | |
| PG 7 | 1,8 - 7,8 | 17,0 / 17,0 | 9,5 | 10,0 | 27,5 | - | C6201516 | 1,5 | 50 |
| PG 9 | 3,2 - 10,2 | 20,0 / 20,0 | 11,0 | 10,0 | 29,0 | - | C6201532 | 2,5 | 50 |
| PG 11 | 5,4 - 13,4 | 24,0 / 24,0 | 15,0 | 10,0 | 30,0 | - | C6201559 | 3,5 | 50 |
| PG 13,5 | 7,0 - 15,0 | 26,0 / 26,0 | 17,0 | 10,0 | 31,5 | - | C6201575 | 4,0 | 50 |
| PG 16 | 7,9 - 16,9 | 28,0 / 28,0 | 18,5 | 10,0 | 33,5 | - | C6201613 | 5,5 | 50 |
| PG 21 | 11,9 - 21,9 | 36,0 / 36,0 | 24,0 | 12,0 | 37,0 | - | C6201658 | 9,0 | 20 |
| PG 29 | 17,8 - 29,8 | 46,0 / 46,0 | 31,0 | 12,0 | 41,5 | - | C6201674 | 16,5 | 20 |

**Presse-étoupe
ACM STANDARD
NF F 61-030**

Laiton nickelé
Pour tube blindé/filetage
métrique

Non recommandé pour câble en silicone

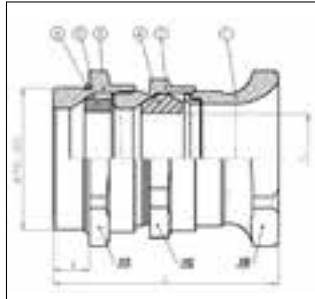
RoHS **IP 68**

EN 45545: conforme si le
contenu en plastique < 10g

**Cable gland
ACM STANDARD
NF F 61-030**

Nickel-plated brass
PG/metric thread

Not recommended for Silicone cables



Matériel :

- 1/2+3 : Chapeau/Corps du raccord : laiton nickelé
- 4 : Cône : polyamide 6
- 5 : Garniture : néoprène
- 6 : Joint torique : nitrile / joint plat : néoprène

Plage de température :

-25°C à 100°C

Couleur(s)/Versions :

- Filetage extérieur : pour tube blindé/métrique
- Joint métrique pour filetage de raccord métrique
- Joint plat sur filetage de raccord pour tube blindé

Propriétés :

- Chapeau avec protection contre la flexion

Material:

- 1/2+3: cap nut/gland element: nickel-plated brass
- 4: conus: polyamide 6
- 5: sealing: neoprene
- 6: o-ring: nitrile / flat sealing: neoprene

Characteristics:

- Cap nut with bend protection

Temperature range:

-25°C to 100°C

Colour(s)/Designs:

- External thread: PG/metric
- O-ring for metrical connection thread
- Flat seal for PG connection thread

| Filetage extérieur | Plage de serrage mm | H1 / H2 mm | H3 mm | E mm | L mm | N° art. Schlemmer | N° art. SIB | Poids joint g | Poids cône g | VE pc. |
|--------------------------|---------------------|-------------|-------|------|------|--------------------|--------------|------------------|----------------|---------|
| External thread | Clamping range mm | H1 / H2 mm | H3 mm | E mm | L mm | Art. no. Schlemmer | Art. no. SIB | Weight sealing g | Weight conus g | PU pcs. |
| PG / PG | | | | | | | | | | |
| PG 21 | 13,0 - 15,5 | 30,0 / 32,0 | 32,0 | 8,0 | 50,0 | - | E0018004 | 3,2 | 2,1 | 25 |
| PG 21 | 16,0 - 18,0 | 30,0 / 32,0 | 32,0 | 8,0 | 50,0 | - | E0018005 | 2,6 | 2,1 | 25 |
| PG 29 | 17,0 - 20,1 | 39,0 / 41,0 | 41,0 | 8,0 | 55,0 | - | E0024000 | 6,0 | 6,0 | 16 |
| PG 29 | 20,0 - 23,0 | 39,0 / 41,0 | 41,0 | 8,0 | 55,0 | - | E0024006 | 6,0 | 6,0 | 16 |
| PG 36 | 23,0 - 27,0 | 55,0 / 55,0 | 55,0 | 14,0 | 73,0 | - | E0030007 | 9,0 | 15,0 | 9 |
| PG 36 | 25,5 - 30,0 | 55,0 / 55,0 | 55,0 | 14,0 | 73,0 | - | E0030205 | 9,0 | 13,1 | 9 |
| PG 36 | 28,5 - 32,0 | 55,0 / 55,0 | 55,0 | 14,0 | 73,0 | - | E0030304 | 9,0 | 10,8 | 9 |
| PG 42 | 31,0 - 36,0 | 60,0 / 60,0 | 60,0 | 16,0 | 78,0 | - | E0035002 | 13,5 | 16,3 | 9 |
| PG 42 | 34,0 - 38,0 | 60,0 / 60,0 | 60,0 | 16,0 | 78,0 | - | E0035101 | 11,7 | 12,1 | 5 |
| PG 48 NFC | 34,0 - 38,0 | 70,0 / 65,0 | 65,0 | 16,0 | 97,0 | - | E0040402 | 13,0 | 17,9 | 9 |
| PG 48 NFC | 37,0 - 41,5 | 70,0 / 65,0 | 65,0 | 16,0 | 97,0 | - | E0040105 | 12,6 | 13,4 | 5 |
| PG 48 NFC | 41,0 - 48,5 | 70,0 / 65,0 | 65,0 | 16,0 | 97,0 | - | E0040204 | 12,8 | 15,5 | 9 |
| Métrique / Metric | | | | | | | | | | |
| M 32 x 1,5 | 16,0 - 18,0 | 36,0 / 32,0 | 38,0 | 8,0 | 50,0 | - | E0032000 | 2,6 | 2,1 | 25 |
| M 40 x 1,5 | 20,0 - 23,0 | 44,0 / 41,0 | 50,0 | 10,0 | 73,0 | - | E0040000 | 6,0 | 6,0 | 10 |
| M 50 x 1,5 | 23,0 - 27,0 | 55,0 / 55,0 | 55,0 | 14,0 | 73,0 | - | E0050000 | 9,0 | 15,0 | 9 |
| M 50 x 1,5 | 25,5 - 30,0 | 55,0 / 55,0 | 55,0 | 14,0 | 73,0 | - | E0050100 | 9,0 | 10,8 | 9 |
| M 50 x 1,5 | 28,5 - 32,0 | 55,0 / 55,0 | 55,0 | 14,0 | 73,0 | - | E0050200 | 9,0 | 16,3 | 9 |
| M 50 x 1,5 | 30,0 - 35,0 | 60,0 / 60,0 | 60,0 | 14,0 | 78,0 | - | E0050300 | 13,5 | 16,3 | 9 |
| M 63 x 1,5 | 34,0 - 38,0 | 70,0 / 65,0 | 70,0 | 16,0 | 97,0 | - | E0063000 | 13,0 | 17,9 | 5 |
| M 63 x 1,5 | 38,5 - 43,5 | 70,0 / 65,0 | 70,0 | 16,0 | 97,0 | - | E0063100 | 12,6 | 13,4 | 9 |
| M 63 x 1,5 | 42,0 - 48,0 | 70,0 / 65,0 | 70,0 | 16,0 | 97,0 | - | E0063200 | 12,8 | 15,5 | 9 |

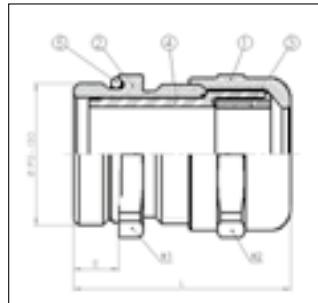
3.2

**Presse-étoupe
SCHLEMMER-TEC**
Laiton nickelé
Pour tube blindé/filetage
métrique

RoHS IP 68 *EN 50262

Matiel:
 • 1/2 : Chapeau/Corps du raccord : laiton nickelé
 • 3 : Garniture : néoprène
 • 4 : Corps de serrage : polyamide 6
 • 5 : Joint torique : nitrile
Plage de température :
 -40°C à 100°C

**Cable gland
SCHLEMMER-TEC**
Nickel-plated brass
PG/metric thread



Couleur(s)/Versions :
 • Filetage extérieur : pour tube blindé/*métrique
 • Filetage court
 • Filetage long sur demande
 • Garniture d'étanchéité de réduction sur demande

Material:
 • 1/2: cap nut/gland element: nickel-plated brass
 • 3: sealing: neoprene
 • 4: clamping shell: polyamide 6
 • 5: o-ring: nitrile
Temperature range:
 -40°C to 100°C

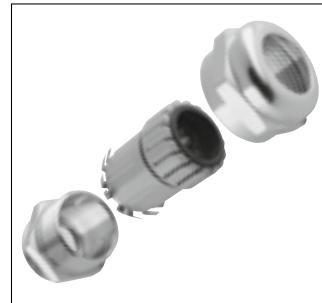
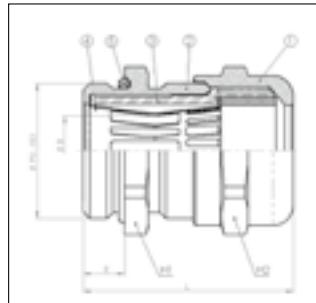
Colour(s)/Designs:
 • External thread: PG/*metric
 • Short thread
 • Long thread on request
 • Reduction sealing insert on request

| Filetage extérieur External thread | Plage de serrage mm Clamping range mm | H1 / H2 mm H1 / H2 mm | E mm | L mm | N° art. Schlemmer Art. no. Schlemmer | N° art. SIB Art.-no. SIB | VE pc. | PU pcs. |
|--------------------------------------------------------|------------------------------------------------|--------------------------------|---------|---------|-----------------------------------------------|-----------------------------------|-----------|------------|
| PG, filetage court / PG, short thread | | | | | | | | |
| PG 7 | 2,5 - 6,5 | 14,0 / 14,0 | 5,0 | 25,0 | 4220307 | C5007000 | 50 | |
| PG 9 | 4,0 - 9,5 | 17,0 / 17,0 | 6,0 | 29,0 | 4220309 | C5009000 | 50 | |
| PG 11 | 6,0 - 11,5 | 20,0 / 20,0 | 6,0 | 30,0 | 4220311 | C5011000 | 50 | |
| PG 13,5 | 7,0 - 13,0 | 22,0 / 22,0 | 6,5 | 32,5 | 4220313 | C5013000 | 50 | |
| PG 16 | 8,0 - 15,0 | 24,0 / 24,0 | 6,5 | 34,0 | 4220316 | C5016000 | 50 | |
| PG 21 | 11,0 - 19,0 | 30,0 / 30,0 | 7,0 | 35,0 | 4220321 | C5021000 | 20 | |
| PG 29 | 16,0 - 26,0 | 40,0 / 40,0 | 8,0 | 38,0 | 4220329 | C5029000 | 20 | |
| PG 36 | 22,0 - 34,5 | 50,0 / 50,0 | 9,0 | 42,0 | 4220336 | C5036000 | 10 | |
| PG 42 | 27,0 - 40,0 | 58,0 / 58,0 | 10,0 | 47,0 | 4220342 | C5042000 | 5 | |
| PG 48 DIN | 35,0 - 48,0 | 65,0 / 65,0 | 10,0 | 54,0 | 4220348 | C5049000 | 5 | |
| PG, filetage long / PG, long thread | | | | | | | | |
| PG 7 | 2,5 - 6,5 | 14,0 / 14,0 | 15,0 | 35,0 | 4220407 | C5107000 | 50 | |
| PG 9 | 4,0 - 9,5 | 17,0 / 17,0 | 15,0 | 38,0 | 4220409 | C5109000 | 50 | |
| PG 11 | 6,0 - 11,5 | 20,0 / 20,0 | 15,0 | 39,0 | 4220411 | C5111000 | 50 | |
| PG 13,5 | 7,0 - 13,0 | 22,0 / 22,0 | 15,0 | 41,0 | 4220413 | C5113000 | 50 | |
| PG 16 | 8,0 - 15,0 | 24,0 / 24,0 | 15,0 | 42,5 | 4220416 | C5116000 | 50 | |
| PG 21 | 11,0 - 19,0 | 30,0 / 30,0 | 15,0 | 43,0 | 4220421 | C5121000 | 20 | |
| PG 29 | 16,0 - 26,0 | 40,0 / 40,0 | 15,0 | 45,0 | 4220429 | C5129000 | 20 | |
| PG 36 | 22,0 - 34,5 | 50,0 / 50,0 | 15,0 | 48,0 | 4220436 | C5136000 | 10 | |
| PG 42 | 27,0 - 40,0 | 58,0 / 58,0 | 15,0 | 52,0 | 4220442 | C5142000 | 5 | |
| PG 48 DIN | 35,0 - 48,0 | 65,0 / 65,0 | 15,0 | 59,0 | 4220448 | C5149000 | 5 | |
| Métrique, filetage court / Metric, short thread | | | | | | | | |
| M 12 x 1,5 | 2,5 - 6,5 | 14,0 / 14,0 | 5,0 | 25,0 | 4220612 | C5212000 | 50 | |
| M 16 x 1,5 | 4,0 - 9,5 | 17,0 / 17,0 | 5,0 | 28,0 | 4220616 | C5216000 | 50 | |
| M 20 x 1,5 | 7,0 - 13,0 | 22,0 / 22,0 | 6,0 | 32,0 | 4220620 | C5220000 | 50 | |
| M 25 x 1,5 | 8,0 - 16,0 | 27,0 / 27,0 | 7,0 | 35,0 | 4220625 | C5225000 | 25 | |
| M 32 x 1,5 | 11,0 - 21,0 | 34,0 / 34,0 | 8,0 | 38,0 | 4220632 | C5232000 | 20 | |
| M 40 x 1,5 | 15,0 - 27,0 | 42,0 / 42,0 | 8,0 | 41,0 | 4220640 | C5240000 | 10 | |
| M 50 x 1,5 | 22,0 - 35,0 | 55,0 / 55,0 | 9,0 | 46,0 | 4220650 | C5250000 | 5 | |
| M 63 x 1,5 | 35,0 - 48,0 | 65,0 / 65,0 | 10,0 | 54,0 | 4220663 | C5263000 | 5 | |

Presse étoupe
Schlemmer Tec
CEM PROFI
Laiton nickelé
Filetage métrique, court

RoHS IP 68 EN 50262

EMC-
Cable gland
SCHLEMMER-TEC
PROFI
Nickel-plated brass
Metric thread, short



Matériel :

- 1/2 : Chapeau/Corps du raccord : laiton nickelé
- 3 : Insert : polyamide 6
- 4 : Cage Métallique
- 5 : Joint torique : Nitrile

Plage de température :

-40°C à 100°C

Couleur(s)/Versions :

- Filetage extérieur : métrique
- Filetage court

Propriétés :

- Mise en contact sur 360° brevetée

Material:

- 1/2: cap nut/gland element: nickel-plated brass
- 3: clamping shell: polyamide 6
- 4: spring shell cage
- 5: o-ring: nitrile

Temperature range:

-40°C to 100°C

Colour(s)/Designs:

- External thread: metric
- Short thread

Characteristics:

- Patented 360° connection

| Filetage extérieur | Plage de serrage mm | H1 / H2 mm | Zone de contact B mm | E mm | L mm | N° art. Schlemmer | N° art. SIB | VE pc. |
|--------------------|---------------------|-------------|----------------------|------|------|--------------------|--------------|---------|
| External thread | Clamping range mm | H1 / H2 mm | Contact range B mm | E mm | L mm | Art. no. Schlemmer | Art. no. SIB | PU pcs. |
| M 16 x 1,5 | 6,0- 9,5 | 17,0 / 17,0 | 5,0- 9,5 | 5,0 | 28,0 | 4264416 | C5216200 | 50 |
| M 20 x 1,5 | 9,0-13,0 | 22,0 / 22,0 | 8,0-13,0 | 6,0 | 32,0 | 4264420 | C5220200 | 50 |
| M 25 x 1,5 | 10,0-16,0 | 27,0 / 27,0 | 9,0-15,0 | 7,0 | 35,0 | 4264425 | C5225200 | 25 |
| M 32 x 1,5 | 13,0-21,0 | 34,0 / 34,0 | 12,0-21,0 | 8,0 | 38,0 | 4264432 | C5232200 | 20 |
| M 40 x 1,5 | 18,5-27,0 | 42,0 / 42,0 | 17,5-27,0 | 8,0 | 41,0 | 4264440 | C5240200 | 10 |
| M 50 x 1,5 | 26,0-35,0 | 55,0 / 55,0 | 25,0-35,0 | 9,0 | 46,0 | 4264450 | C5250200 | 5 |
| M 63 x 1,5 | 38,0-48,0 | 65,0 / 65,0 | 37,0-48,0 | 10,0 | 54,0 | 4264463 | C5263200 | 5 |

Presse-étoupe WADI-TEC Duplo

Laiton nickelé
Garniture multitrou
Pour tube blindé/filetage
métrique

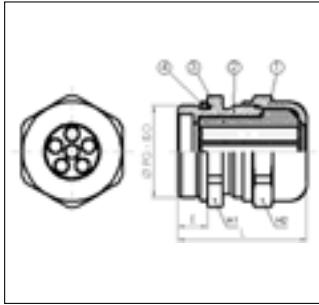
RoHS

IP 68

EN 45545: conforme si le
contenu en plastique < 10g

Cable gland WADI-TEC Duplo

Nickel-plated brass
Multi-holed sealing
PG/metric thread



Matériel :

- 1/2 : Chapeau/Corps du raccord : laiton nickelé
- 3 : Garniture : Tefabloc
- 4 : Joint torique : nitrile

Plage de température :

-25°C à 120°C

Couleur(s)/Versions :

- Filetage extérieur : pour tube blindé/métrique
- Filetage court
- Filetage long sur demande
- Joint à trou borgne
- Aucun ergot borgne nécessaire

Material:

- 1/2: cap nut/gland element: nickel-plated brass
- 3: sealing: tefabloc
- 4: o-ring: nitrile

Temperature range:

-25°C to 120°C

Colour(s)/Designs:

- External thread: PG/metric
- Short thread
- Long thread on request
- Blind hole sealing
- No blind pin required

| Filetage extérieur External thread | Nombre de trous Quantity Holes | Diamètre des trous mm Hole diameter mm | H1 / H2 mm H1 / H2 mm | E mm | L mm | N° art. Schlemmer Art. no. Schlemmer | N° art. SIB Art. no. SIB | Poids joint g Weight sealing g | VE pc. PU pcs. |
|---------------------------------------|-----------------------------------|-------------------------------------------|--------------------------|------|------|-----------------------------------------|-----------------------------|-----------------------------------|-------------------|
| PG / PG | | | | | | | | | |
| PG 7 | 1 x | 4,0 | 14,0 / 14,0 | 5,0 | 24,0 | 4248640 | R0700700 | 1,0 | 50 |
| PG 7 | 1 x | 5,0 | 14,0 / 14,0 | 5,0 | 24,0 | 4248641 | R0700701 | 0,82 | 50 |
| PG 9 | 1 x | 5,0 | 17,0 / 17,0 | 6,0 | 25,0 | 4248642 | R0700900 | 1,6 | 50 |
| PG 9 | 2 x | 1,0 | 17,0 / 17,0 | 6,0 | 25,0 | 4248643 | R0700901 | 1,9 | 50 |
| PG 9 | 2 x | 3,0 | 17,0 / 17,0 | 6,0 | 25,0 | 4248644 | R0700902 | 1,7 | 50 |
| PG 9 | 2 x | 3,5 | 17,0 / 17,0 | 6,0 | 25,0 | 4248645 | R0700903 | 1,6 | 50 |
| PG 9 | 2 x | 4,0 | 17,0 / 17,0 | 6,0 | 25,0 | 4248646 | R0700904 | 1,4 | 50 |
| PG 9 | 3 x | 3,0 | 17,0 / 17,0 | 6,0 | 25,0 | 4248647 | R0700905 | 1,5 | 50 |
| PG 9 | 4 x | 3,0 | 20,0 / 20,0 | 6,0 | 26,0 | 4248648 | R0700906 | 2,7 | 50 |
| PG 9 | 4 x | 4,0 | 20,0 / 20,0 | 6,0 | 26,0 | 4248649 | R0700907 | 2,3 | 50 |
| PG 11 | 2 x | 2,3 | 20,0 / 20,0 | 6,0 | 26,0 | 4248650 | R0701103 | 2,9 | 50 |
| PG 11 | 2 x | 3,0 | 20,0 / 20,0 | 6,0 | 26,0 | 4248651 | R0701104 | 2,9 | 50 |
| PG 11 | 2 x | 3,5 | 20,0 / 20,0 | 6,0 | 26,0 | 4248405 | R0701100 | 2,8 | 50 |
| PG 11 | 2 x | 4,0 | 20,0 / 20,0 | 6,0 | 26,0 | 4248652 | R0701105 | 2,8 | 50 |
| PG 11 | 2 x | 5,0 | 20,0 / 20,0 | 6,0 | 26,0 | 4248660 | R0701113 | 2,5 | 50 |
| PG 11 | 2 x | 6,0 | 24,0 / 24,0 | 6,5 | 30,0 | 4248661 | R0701114 | 4,0 | 50 |
| PG 11 | 3 x | 3,0 | 20,0 / 20,0 | 6,0 | 26,0 | 4248653 | R0701106 | 2,8 | 50 |
| PG 11 | 3 x | 3,5 | 20,0 / 20,0 | 6,0 | 26,0 | 4248407 | R0701101 | 2,6 | 50 |
| PG 11 | 3 x | 4,0 | 20,0 / 20,0 | 6,0 | 26,0 | 4248654 | R0701107 | 2,6 | 50 |
| PG 11 | 3 x | 5,0 | 24,0 / 24,0 | 6,5 | 30,0 | 4248662 | R0701115 | 3,1 | 50 |
| PG 11 | 3 x | 5,3 | 22,0 / 22,0 | 6,5 | 28,0 | 4248655 | R0701108 | 3,1 | 50 |
| PG 11 | 4 x | 1,5 | 20,0 / 20,0 | 6,0 | 26,0 | 4248656 | R0701109 | 3,1 | 50 |
| PG 11 | 4 x | 3,5 | 20,0 / 20,0 | 6,0 | 26,0 | 4248657 | R0701110 | 2,5 | 50 |
| PG 11 | 6 x | 2,0 | 20,0 / 20,0 | 6,0 | 26,0 | 4248658 | R0701111 | 2,8 | 50 |
| PG 11 | 6 x | 2,5 | 20,0 / 20,0 | 6,0 | 26,0 | 4248659 | R0701112 | 2,7 | 50 |
| PG 13,5 | 2 x | 3,0 | 22,0 / 22,0 | 6,5 | 28,0 | 4248663 | R0701301 | 4,0 | 50 |
| PG 13,5 | 2 x | 5,0 | 22,0 / 22,0 | 6,5 | 28,0 | 4248664 | R0701302 | 3,6 | 50 |
| PG 13,5 | 2 x | 6,0 | 22,0 / 22,0 | 6,5 | 28,0 | 4248404 | R0701300 | 3,1 | 50 |
| PG 13,5 | 3 x | 2,0 | 22,0 / 22,0 | 6,5 | 28,0 | 4248665 | R0701303 | 4,1 | 50 |
| PG 13,5 | 3 x | 3,0 | 22,0 / 22,0 | 6,5 | 28,0 | 4248666 | R0701304 | 4,0 | 50 |
| PG 13,5 | 3 x | 4,0 | 22,0 / 22,0 | 6,5 | 28,0 | 4248667 | R0701305 | 3,7 | 50 |
| PG 13,5 | 3 x | 5,3 | 24,0 / 24,0 | 6,5 | 30,0 | 4248668 | R0701306 | 3,1 | 50 |
| PG 13,5 | 3 x | 6,0 | 24,0 / 24,0 | 6,5 | 30,0 | 4248669 | R0701307 | 3,6 | 50 |
| PG 13,5 | 4 x | 3,0 | 22,0 / 22,0 | 6,5 | 28,0 | 4248670 | R0701308 | 3,8 | 50 |
| PG 13,5 | 4 x | 4,0 | 22,0 / 22,0 | 6,5 | 28,0 | 4248671 | R0701309 | 3,4 | 50 |
| PG 13,5 | 4 x | 5,0 | 24,0 / 24,0 | 6,5 | 30,0 | 4248673 | R0701311 | 4,0 | 50 |
| PG 13,5 | 4 x | 5,3 | 24,0 / 24,0 | 6,5 | 30,0 | 4248672 | R0701310 | 3,6 | 50 |
| PG 13,5 | 6 x | 3,5 | 22,0 / 22,0 | 6,5 | 28,0 | 4248674 | R0701312 | 3,3 | 50 |
| PG 13,5 | 10 x | 2,0 | 22,0 / 22,0 | 6,5 | 28,0 | 4248675 | R0701313 | 3,8 | 50 |
| PG 16 | 2 x | 4,0 | 24,0 / 24,0 | 6,5 | 30,0 | 4248678 | R0701602 | 4,7 | 50 |
| PG 16 | 2 x | 5,0 | 24,0 / 24,0 | 6,5 | 30,0 | 4248679 | R0701603 | 4,4 | 50 |

| Filetage extérieur | Nombre de trous | Diamètre des trous mm | H1 / H2 mm | E mm | L mm | N° art. Schlemmer | N° art. SIB | Poids joint g | VE pc. |
|--------------------------|-----------------|-----------------------|-------------|------|------|--------------------|--------------|------------------|---------|
| External thread | Quantity Holes | Hole diameter mm | H1 / H2 mm | E mm | L mm | Art. no. Schlemmer | Art. no. SIB | Weight sealing g | PU pcs. |
| PG 16 | 2 x | 6,0 | 24,0 / 24,0 | 6,5 | 30,0 | 4248680 | R0701604 | 4,0 | 50 |
| PG 16 | 2 x | 7,0 | 24,0 / 24,0 | 6,5 | 30,0 | 4248409 | R0701600 | 8,8 | 50 |
| PG 16 | 2 x | 8,0 | 30,0 / 30,0 | 7,0 | 35,0 | 4248681 | R0701605 | 8,0 | 50 |
| PG 16 | 2 x | 9,0 | 30,0 / 30,0 | 7,0 | 30,0 | 4248682 | R0701606 | 8,0 | 50 |
| PG 16 | 3 x | 3,0 | 24,0 / 24,0 | 6,5 | 30,0 | 4248683 | R0701607 | 4,8 | 50 |
| PG 16 | 3 x | 4,0 | 24,0 / 24,0 | 6,5 | 30,0 | 4248684 | R0701608 | 4,5 | 50 |
| PG 16 | 3 x | 5,0 | 24,0 / 24,0 | 6,5 | 30,0 | 4248677 | R0701601 | 3,8 | 50 |
| PG 16 | 3 x | 5,6 | 24,0 / 24,0 | 6,5 | 30,0 | 4248685 | R0701609 | 3,8 | 50 |
| PG 16 | 3 x | 6,0 | 24,0 / 24,0 | 6,5 | 30,0 | 4248686 | R0701610 | 3,6 | 50 |
| PG 16 | 3 x | 7,0 | 30,0 / 30,0 | 7,0 | 35,0 | 4248695 | R0701619 | 8,3 | 50 |
| PG 16 | 3 x | 8,0 | 24,0 / 24,0 | 6,5 | 30,0 | 4248687 | R0701611 | 8,0 | 50 |
| PG 16 | 4 x | 4,0 | 24,0 / 24,0 | 6,5 | 30,0 | 4248688 | R0701612 | 4,3 | 50 |
| PG 16 | 4 x | 5,0 | 30,0 / 30,0 | 7,0 | 35,0 | 4248689 | R0701613 | 8,0 | 50 |
| PG 16 | 4 x | 6,0 | 30,0 / 30,0 | 7,0 | 35,0 | 4248694 | R0701618 | 7,0 | 50 |
| PG 16 | 5 x | 4,0 | 24,0 / 24,0 | 6,5 | 30,0 | 4248690 | R0701614 | 4,1 | 50 |
| PG 16 | 5 x | 5,0 | 30,0 / 30,0 | 7,0 | 35,0 | 4248691 | R0701615 | 3,4 | 50 |
| PG 16 | 6 x | 4,0 | 24,0 / 24,0 | 6,5 | 30,0 | 4248692 | R0701616 | 3,4 | 50 |
| PG 16 | 7 x | 4,0 | 30,0 / 30,0 | 7,0 | 35,0 | 4248693 | R0701617 | 8,0 | 50 |
| PG 21 | 2 x | 4,5 | 30,0 / 30,0 | 7,0 | 35,0 | 4248696 | R0702106 | 8,0 | 20 |
| PG 21 | 2 x | 8,0 | 30,0 / 30,0 | 7,0 | 35,0 | 4248697 | R0702107 | 8,0 | 20 |
| PG 21 | 2 x | 8,7 | 40,0 / 40,0 | 7,0 | 43,0 | 4248698 | R0702108 | 14,0 | 20 |
| PG 21 | 2 x | 9,0 | 40,0 / 40,0 | 7,0 | 43,0 | 4248699 | R0702109 | 14,0 | 20 |
| PG 21 | 2 x | 11,0 | 40,0 / 40,0 | 7,0 | 43,0 | 4248700 | R0702110 | 14,0 | 20 |
| PG 21 | 3 x | 7,0 | 30,0 / 30,0 | 7,0 | 35,0 | 4248542 | R0702105 | 8,3 | 20 |
| PG 21 | 3 x | 8,0 | 30,0 / 30,0 | 7,0 | 35,0 | 4248531 | R0702102 | 8,0 | 20 |
| PG 21 | 3 x | 9,0 | 40,0 / 40,0 | 7,0 | 43,0 | 4248701 | R0702111 | 14,0 | 20 |
| PG 21 | 4 x | 5,0 | 30,0 / 30,0 | 7,0 | 35,0 | 4248702 | R0702112 | 8,0 | 20 |
| PG 21 | 4 x | 6,0 | 30,0 / 30,0 | 7,0 | 35,0 | 4248529 | R0702100 | 7,0 | 20 |
| PG 21 | 4 x | 7,5 | 40,0 / 40,0 | 7,0 | 43,0 | 4248709 | R0702119 | 14,0 | 20 |
| PG 21 | 4 x | 8,0 | 40,0 / 40,0 | 7,0 | 43,0 | 4248703 | R0702113 | 10,0 | 20 |
| PG 21 | 5 x | 5,0 | 30,0 / 30,0 | 7,0 | 35,0 | 4248704 | R0702114 | 8,0 | 20 |
| PG 21 | 5 x | 6,0 | 30,0 / 30,0 | 7,0 | 35,0 | 4248539 | R0702101 | 7,0 | 20 |
| PG 21 | 5 x | 6,5 | 30,0 / 30,0 | 7,0 | 35,0 | 4248541 | R0702103 | 6,5 | 20 |
| PG 21 | 6 x | 4,0 | 30,0 / 30,0 | 7,0 | 35,0 | 4248705 | R0702115 | 8,0 | 20 |
| PG 21 | 6 x | 5,0 | 30,0 / 30,0 | 7,0 | 35,0 | 4248706 | R0702116 | 8,0 | 20 |
| PG 21 | 6 x | 6,0 | 40,0 / 40,0 | 7,0 | 43,0 | 4248713 | R0702123 | 17,5 | 20 |
| PG 21 | 6 x | 6,5 | 40,0 / 40,0 | 7,0 | 43,0 | 4248710 | R0702120 | 13,8 | 20 |
| PG 21 | 6 x | 7,0 | 40,0 / 40,0 | 7,0 | 43,0 | 4248715 | R0702125 | 17,0 | 20 |
| PG 21 | 7 x | 6,0 | 40,0 / 40,0 | 7,0 | 43,0 | 4248714 | R0702124 | 10,0 | 20 |
| PG 21 | 8 x | 4,0 | 30,0 / 30,0 | 7,0 | 35,0 | 4248707 | R0702117 | 8,0 | 20 |
| PG 21 | 8 x | 5,0 | 30,0 / 30,0 | 7,0 | 35,0 | 4248543 | R0702104 | 8,0 | 20 |
| PG 21 | 11 x | 5,0 | 40,0 / 40,0 | 7,0 | 43,0 | 4248712 | R0702122 | 17,5 | 20 |
| PG 21 | 21 x | 2,0 | 30,0 / 30,0 | 7,0 | 35,0 | 4248708 | R0702118 | 8,0 | 20 |
| PG 21 | 28 x | 3,0 | 40,0 / 40,0 | 7,0 | 43,0 | 4248711 | R0702121 | 15,0 | 20 |
| PG 29 | 2 x | 9,0 | 40,0 / 40,0 | 8,0 | 43,0 | 4248716 | R0702908 | 14,0 | 20 |
| PG 29 | 2 x | 11,0 | 40,0 / 40,0 | 8,0 | 43,0 | 4248717 | R0702909 | 14,0 | 20 |
| PG 29 | 3 x | 9,0 | 40,0 / 40,0 | 8,0 | 43,0 | 4248719 | R0702911 | 14,0 | 20 |
| PG 29 | 3 x | 11,0 | 40,0 / 40,0 | 8,0 | 43,0 | 4248720 | R0702912 | 14,0 | 20 |
| PG 29 | 4 x | 8,0 | 40,0 / 40,0 | 8,0 | 43,0 | 4248629 | R0702900 | 10,0 | 20 |
| PG 29 | 4 x | 9,0 | 40,0 / 40,0 | 8,0 | 43,0 | 4248721 | R0702913 | 14,0 | 20 |
| PG 29 | 4 x | 10,0 | 40,0 / 40,0 | 8,0 | 43,0 | 4248722 | R0702914 | 14,0 | 20 |
| PG 29 | 6 x | 6,0 | 40,0 / 40,0 | 8,0 | 43,0 | 4248627 | R0702905 | 17,5 | 20 |
| PG 29 | 6 x | 6,5 | 40,0 / 40,0 | 8,0 | 43,0 | 4248610 | R0702901 | 13,8 | 20 |
| PG 29 | 6 x | 7,0 | 40,0 / 40,0 | 8,0 | 43,0 | 4248614 | R0702906 | 17,0 | 20 |
| PG 29 | 7 x | 6,0 | 40,0 / 40,0 | 8,0 | 43,0 | 4248631 | R0702902 | 10,0 | 20 |
| PG 29 | 7 x | 7,0 | 40,0 / 40,0 | 8,0 | 43,0 | 4248723 | R0702915 | 14,0 | 20 |
| PG 29 | 8 x | 5,0 | 40,0 / 40,0 | 8,0 | 43,0 | 4248724 | R0702916 | 14,0 | 20 |
| PG 29 | 8 x | 6,0 | 40,0 / 40,0 | 8,0 | 43,0 | 4248632 | R0702903 | 9,0 | 20 |
| PG 29 | 10 x | 6,0 | 40,0 / 40,0 | 8,0 | 43,0 | 4248725 | R0702917 | 14,0 | 20 |
| PG 29 | 11 x | 5,0 | 40,0 / 40,0 | 8,0 | 43,0 | 4248634 | R0702907 | 17,5 | 20 |
| PG 29 | 28 x | 3,0 | 40,0 / 40,0 | 8,0 | 43,0 | 4248612 | R0702904 | 15,0 | 20 |
| Métrique / Metric | | | | | | | | | |
| M 16 x 1,5 | 2 x | 1,0 | 17,0 / 17,0 | 7,0 | 13,0 | 4249600 | R0721600 | 1,9 | 50 |
| M 16 x 1,5 | 2 x | 3,0 | 17,0 / 17,0 | 7,0 | 13,0 | 4249601 | R0721601 | 1,7 | 50 |
| M 16 x 1,5 | 2 x | 3,5 | 17,0 / 17,0 | 7,0 | 13,0 | 4249602 | R0721602 | 1,6 | 50 |
| M 16 x 1,5 | 2 x | 4,0 | 17,0 / 17,0 | 7,0 | 13,0 | 4249603 | R0721603 | 1,4 | 50 |
| M 16 x 1,5 | 3 x | 3,0 | 17,0 / 17,0 | 7,0 | 13,0 | 4249604 | R0721604 | 1,5 | 50 |
| M 20 x 1,5 | 2 x | 2,3 | 20,0 / 22,0 | 7,0 | 28,0 | 4249610 | R0722000 | 2,9 | 50 |

| Filetage extérieur | Nombre de trous | Diamètre des trous mm | H1 / H2 mm | E mm | L mm | N° art. Schlemmer | N° art. SIB | Poids joint g | VE pc. |
|--------------------|-----------------|-----------------------|-------------|------|------|--------------------|--------------|------------------|---------|
| External thread | Quantity Holes | Hole diameter mm | H1 / H2 mm | E mm | L mm | Art. no. Schlemmer | Art. no. SIB | Weight sealing g | PU pcs. |
| M 20 x 1,5 | 2 x | 3,0 | 22,0 / 22,0 | 7,0 | 29,0 | 4249611 | R0722001 | 2,9 | 50 |
| M 20 x 1,5 | 2 x | 3,5 | 20,0 / 22,0 | 7,0 | 28,0 | 4249612 | R0722002 | 2,8 | 50 |
| M 20 x 1,5 | 2 x | 4,0 | 20,0 / 22,0 | 7,0 | 28,0 | 4249613 | R0722003 | 2,8 | 50 |
| M 20 x 1,5 | 2 x | 5,0 | 22,0 / 22,0 | 7,0 | 29,0 | 4249614 | R0722004 | 2,5 | 50 |
| M 20 x 1,5 | 2 x | 6,0 | 22,0 / 22,0 | 7,0 | 29,0 | 4249615 | R0722005 | 4,0 | 50 |
| M 20 x 1,5 | 3 x | 2,0 | 22,0 / 22,0 | 7,0 | 29,0 | 4249616 | R0722006 | 4,1 | 50 |
| M 20 x 1,5 | 3 x | 3,0 | 22,0 / 22,0 | 7,0 | 29,0 | 4249617 | R0722007 | 4,0 | 50 |
| M 20 x 1,5 | 3 x | 3,5 | 20,0 / 22,0 | 7,0 | 28,0 | 4249618 | R0722008 | 2,6 | 50 |
| M 20 x 1,5 | 3 x | 4,0 | 22,0 / 22,0 | 7,0 | 29,0 | 4249619 | R0722009 | 2,6 | 50 |
| M 20 x 1,5 | 3 x | 5,3 | 22,0 / 22,0 | 7,0 | 29,0 | 4249620 | R0722010 | 3,1 | 50 |
| M 20 x 1,5 | 4 x | 1,5 | 20,0 / 22,0 | 7,0 | 28,0 | 4249621 | R0722012 | 3,1 | 50 |
| M 20 x 1,5 | 4 x | 3,0 | 22,0 / 22,0 | 7,0 | 29,0 | 4249622 | R0722013 | 3,8 | 50 |
| M 20 x 1,5 | 4 x | 3,5 | 20,0 / 22,0 | 7,0 | 28,0 | 4249623 | R0722014 | 2,5 | 50 |
| M 20 x 1,5 | 4 x | 4,0 | 22,0 / 22,0 | 7,0 | 29,0 | 4249624 | R0722015 | 3,4 | 50 |
| M 20 x 1,5 | 6 x | 2,0 | 20,0 / 22,0 | 7,0 | 28,0 | 4249625 | R0722016 | 2,8 | 50 |
| M 20 x 1,5 | 6 x | 2,5 | 20,0 / 22,0 | 7,0 | 28,0 | 4249626 | R0722017 | 2,7 | 50 |
| M 20 x 1,5 | 6 x | 3,5 | 22,0 / 22,0 | 7,0 | 29,0 | 4249627 | R0722018 | 3,3 | 50 |
| M 20 x 1,5 | 10 x | 2,0 | 22,0 / 22,0 | 7,0 | 29,0 | 4249628 | R0722019 | 3,8 | 50 |
| M 25 x 1,5 | 2 x | 4,0 | 24,0 / 26,0 | 8,0 | 31,0 | 4249640 | R0722500 | 4,7 | 20 |
| M 25 x 1,5 | 2 x | 4,5 | 30,0 / 30,0 | 8,0 | 37,0 | 4249641 | R0722501 | 8,0 | 20 |
| M 25 x 1,5 | 2 x | 5,0 | 24,0 / 26,0 | 8,0 | 31,0 | 4249642 | R0722502 | 4,4 | 20 |
| M 25 x 1,5 | 2 x | 6,0 | 24,0 / 26,0 | 8,0 | 31,0 | 4249643 | R0722503 | 4,0 | 20 |
| M 25 x 1,5 | 2 x | 7,0 | 24,0 / 26,0 | 8,0 | 31,0 | 4249644 | R0722504 | 8,8 | 20 |
| M 25 x 1,5 | 2 x | 8,0 | 30,0 / 30,0 | 8,0 | 37,0 | 4249645 | R0722505 | 8,0 | 20 |
| M 25 x 1,5 | 3 x | 3,0 | 24,0 / 26,0 | 8,0 | 31,0 | 4249646 | R0722506 | 4,8 | 20 |
| M 25 x 1,5 | 3 x | 4,0 | 24,0 / 26,0 | 8,0 | 31,0 | 4249647 | R0722507 | 4,5 | 20 |
| M 25 x 1,5 | 3 x | 5,0 | 24,0 / 26,0 | 8,0 | 31,0 | 4249648 | R0722508 | 3,8 | 20 |
| M 25 x 1,5 | 3 x | 5,6 | 24,0 / 26,0 | 8,0 | 31,0 | 4249649 | R0722509 | 3,8 | 20 |
| M 25 x 1,5 | 3 x | 6,0 | 24,0 / 26,0 | 8,0 | 31,0 | 4249650 | R0722510 | 3,6 | 20 |
| M 25 x 1,5 | 3 x | 7,0 | 30,0 / 30,0 | 8,0 | 37,0 | 4249651 | R0722511 | 8,3 | 20 |
| M 25 x 1,5 | 3 x | 8,0 | 30,0 / 30,0 | 8,0 | 37,0 | 4249652 | R0722512 | 8,0 | 20 |
| M 25 x 1,5 | 4 x | 4,0 | 24,0 / 26,0 | 8,0 | 31,0 | 4249653 | R0722513 | 4,3 | 20 |
| M 25 x 1,5 | 4 x | 5,0 | 30,0 / 30,0 | 8,0 | 37,0 | 4249654 | R0722514 | 8,0 | 20 |
| M 25 x 1,5 | 4 x | 6,0 | 30,0 / 30,0 | 8,0 | 37,0 | 4249655 | R0722515 | 7,0 | 20 |
| M 25 x 1,5 | 5 x | 4,0 | 24,0 / 26,0 | 8,0 | 31,0 | 4249656 | R0722516 | 4,1 | 20 |
| M 25 x 1,5 | 5 x | 5,0 | 30,0 / 30,0 | 8,0 | 37,0 | 4249657 | R0722517 | 3,4 | 20 |
| M 25 x 1,5 | 5 x | 6,0 | 30,0 / 30,0 | 8,0 | 37,0 | 4249658 | R0722518 | 7,0 | 20 |
| M 25 x 1,5 | 5 x | 6,5 | 30,0 / 30,0 | 8,0 | 37,0 | 4249659 | R0722519 | 6,5 | 20 |
| M 25 x 1,5 | 6 x | 4,0 | 30,0 / 30,0 | 8,0 | 37,0 | 4249660 | R0722520 | 8,0 | 20 |
| M 25 x 1,5 | 6 x | 5,0 | 30,0 / 30,0 | 8,0 | 37,0 | 4249661 | R0722521 | 8,0 | 20 |
| M 25 x 1,5 | 8 x | 4,0 | 30,0 / 30,0 | 8,0 | 37,0 | 4249662 | R0722522 | 8,0 | 20 |
| M 25 x 1,5 | 8 x | 5,0 | 30,0 / 30,0 | 8,0 | 37,0 | 4249663 | R0722523 | 8,0 | 20 |
| M 25 x 1,5 | 21 x | 2,0 | 30,0 / 30,0 | 8,0 | 37,0 | 4249664 | R0722524 | 8,0 | 20 |
| M 32 x 1,5 | 2 x | 4,5 | 30,0 / 33,0 | 8,5 | 38,0 | 4249670 | R0723200 | 8,0 | 20 |
| M 32 x 1,5 | 2 x | 8,0 | 30,0 / 33,0 | 8,5 | 38,0 | 4249671 | R0723201 | 8,0 | 20 |
| M 32 x 1,5 | 2 x | 9,0 | 40,0 / 40,0 | 8,5 | 45,0 | 4249672 | R0723202 | 14,0 | 20 |
| M 32 x 1,5 | 2 x | 11,0 | 40,0 / 40,0 | 8,5 | 45,0 | 4249673 | R0723203 | 14,0 | 20 |
| M 32 x 1,5 | 2 x | 12,0 | 40,0 / 40,0 | 8,5 | 45,0 | 4249674 | R0723204 | 14,0 | 20 |
| M 32 x 1,5 | 3 x | 7,0 | 30,0 / 33,0 | 8,5 | 38,0 | 4249675 | R0723205 | 8,3 | 20 |
| M 32 x 1,5 | 3 x | 8,0 | 30,0 / 33,0 | 8,5 | 38,0 | 4249676 | R0723206 | 8,0 | 20 |
| M 32 x 1,5 | 3 x | 9,0 | 40,0 / 40,0 | 8,5 | 45,0 | 4249677 | R0723207 | 14,0 | 20 |
| M 32 x 1,5 | 3 x | 11,0 | 40,0 / 40,0 | 8,5 | 45,0 | 4249678 | R0723208 | 14,0 | 20 |
| M 32 x 1,5 | 4 x | 5,0 | 30,0 / 33,0 | 8,5 | 38,0 | 4249679 | R0723209 | 8,0 | 20 |
| M 32 x 1,5 | 4 x | 6,0 | 30,0 / 33,0 | 8,5 | 38,0 | 4249680 | R0723210 | 7,0 | 20 |
| M 32 x 1,5 | 4 x | 8,0 | 40,0 / 40,0 | 8,5 | 45,0 | 4249681 | R0723211 | 10,0 | 20 |
| M 32 x 1,5 | 4 x | 9,0 | 40,0 / 40,0 | 8,5 | 45,0 | 4249682 | R0723212 | 14,0 | 20 |
| M 32 x 1,5 | 4 x | 10,0 | 40,0 / 40,0 | 8,5 | 45,0 | 4249683 | R0723213 | 14,0 | 20 |
| M 32 x 1,5 | 5 x | 5,0 | 30,0 / 33,0 | 8,5 | 38,0 | 4249684 | R0723214 | 8,0 | 20 |
| M 32 x 1,5 | 5 x | 6,0 | 30,0 / 33,0 | 8,5 | 38,0 | 4249685 | R0723215 | 7,0 | 20 |
| M 32 x 1,5 | 5 x | 6,5 | 30,0 / 33,0 | 8,5 | 38,0 | 4249686 | R0723216 | 6,5 | 20 |
| M 32 x 1,5 | 6 x | 4,0 | 30,0 / 33,0 | 8,5 | 38,0 | 4249687 | R0723217 | 8,0 | 20 |
| M 32 x 1,5 | 6 x | 5,0 | 30,0 / 33,0 | 8,5 | 38,0 | 4249688 | R0723218 | 8,0 | 20 |
| M 32 x 1,5 | 6 x | 6,0 | 40,0 / 40,0 | 8,5 | 45,0 | 4249689 | R0723219 | 17,5 | 20 |
| M 32 x 1,5 | 6 x | 6,5 | 40,0 / 40,0 | 8,5 | 45,0 | 4249690 | R0723220 | 13,8 | 20 |
| M 32 x 1,5 | 6 x | 7,0 | 40,0 / 40,0 | 8,5 | 45,0 | 4249691 | R0723221 | 17,0 | 20 |
| M 32 x 1,5 | 7 x | 6,0 | 40,0 / 40,0 | 8,5 | 45,0 | 4249692 | R0723222 | 10,0 | 20 |
| M 32 x 1,5 | 7 x | 7,0 | 40,0 / 40,0 | 8,5 | 45,0 | 4249693 | R0723223 | 14,0 | 20 |
| M 32 x 1,5 | 8 x | 4,0 | 30,0 / 33,0 | 8,5 | 38,0 | 4249694 | R0723224 | 8,0 | 20 |
| M 32 x 1,5 | 8 x | 5,0 | 40,0 / 40,0 | 8,5 | 45,0 | 4249695 | R0723225 | 14,0 | 20 |
| M 32 x 1,5 | 8 x | 6,0 | 40,0 / 40,0 | 8,5 | 45,0 | 4249696 | R0723226 | 9,0 | 20 |
| M 32 x 1,5 | 10 x | 6,0 | 40,0 / 40,0 | 8,5 | 45,0 | 4249697 | R0723227 | 14,0 | 20 |
| M 32 x 1,5 | 11 x | 5,0 | 40,0 / 40,0 | 8,5 | 45,0 | 4249698 | R0723228 | 17,5 | 20 |
| M 32 x 1,5 | 21 x | 2,0 | 30,0 / 33,0 | 8,5 | 38,0 | 4249699 | R0723229 | 8,0 | 20 |
| M 32 x 1,5 | 28 x | 3,0 | 40,0 / 40,0 | 8,5 | 45,0 | 4249701 | R0723230 | 15,0 | 20 |

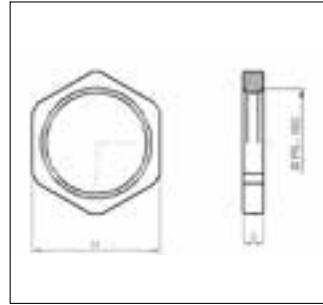
Ecrous

laiton nickelé pour filetage métrique

RoHS

Lock nuts

Nickel-plated brass
PG/metric thread



Matériel :
laiton nickelé

Plage de température :
-60°C à 700°C

Couleur(s)/Versions :
• Filetage : pour tube blindé/métrique

Material:
nickel-plated brass

Temperature range:
-60°C to 700°C

Colour(s)/Designs:
• Thread: PG/metric

| Filetage | S mm | H mm | N° art. Schlemmer | N° art. SIB | VE pc. |
|--------------------------|---------|---------|-----------------------|-----------------|------------|
| Thread | S mm | H mm | Art. no. Schlemmer | Art. no. SIB | PU pcs. |
| PG / PG | | | | | |
| PG 7 | 2,9 | 15,0 | 6000070 | D4007104 | 50 |
| PG 9 | 2,9 | 18,0 | 6000096 | D4008101 | 50 |
| PG 11 | 3,1 | 21,0 | 6000118 | D4011101 | 50 |
| PG 13,5 | 3,1 | 23,0 | 6000134 | D4013105 | 50 |
| PG 16 | 3,1 | 26,0 | 6000169 | D4016106 | 50 |
| PG 21 | 3,6 | 32,0 | 6000215 | D4021100 | 20 |
| PG 29 | 4,1 | 41,0 | 6000290 | D4029106 | 20 |
| PG 36 | 5,1 | 51,0 | 6000363 | D4036104 | 10 |
| PG 42 | 5,1 | 60,0 | 6000428 | D4042105 | 5 |
| PG 48 NFC | 6,1 | 64,0 | - | D4048107 | 5 |
| PG 48 DIN | 5,6 | 64,0 | 6000487 | D4049104 | 5 |
| Métrique / Metric | | | | | |
| M 12 x 1,5 | 3,0 | 15,0 | 6004121 | D4312109 | 50 |
| M 16 x 1,5 | 3,0 | 20,0 | 6004164 | D4316107 | 50 |
| M 20 x 1,5 | 3,5 | 24,0 | 6004202 | D4320104 | 50 |
| M 25 x 1,5 | 3,5 | 30,0 | 6004253 | D4325109 | 25 |
| M 32 x 1,5 | 4,5 | 35,0 | 6004326 | D4332107 | 20 |
| M 40 x 1,5 | 4,5 | 45,0 | 6004407 | D4340102 | 10 |
| M 50 x 1,5 | 5,5 | 55,0 | 6004504 | D4350101 | 10 |
| M 63 x 1,5 | 6,0 | 70,0 | 6004636 | D4363101 | 5 |
| M 75 x 1,5 | 8,0 | 80,0 | 6004750 | D4375104 | 1 |
| M 80 x 2,0 | 10,0 | 90,0 | 6004752 | D4380100 | 1 |
| M 90 x 2,0 | 12,0 | 100,0 | 6004754 | D4390100 | 1 |
| M 100 x 2,0 | 12,0 | 110,0 | 6004756 | D4399100 | 1 |

Bouchons

Laiton nickelé
Filetage métrique

Plugs

Nickel-plated brass
Metric thread

RoHS

NF F 16-101: I2F0
Eurailtest 14.0410

EN 45545: R22 HL3 - R23 HL3
Eurailtest 14.0412

Matériel :

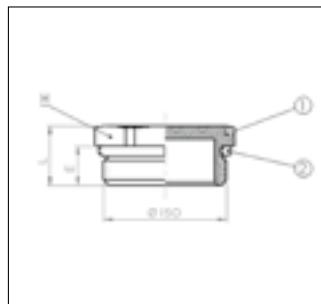
- 1 : laiton nickelé
- 2 : Joint torique : silicone

Plage de température :

-60°C à 250°C

Couleur(s)/Versions :

- Filetage : métrique
- Joint plat sur demande
- Filetage pour tube blindé sur demande
- Tailles de filetage plus grandes sur demande



Material:

- 1: nickel-plated brass
- 2: o-ring: silicone

Temperature range:

-60°C to 250°C

Colour(s)/Designs:

- Thread: metric
- Flat ring on request
- PG thread on request
- Larger thread sizes on request

| Filetage | H mm | E mm | L mm | N° art. Schlemmer | N° art. SIB | VE pc. |
|------------|---------|---------|---------|-----------------------|-----------------|------------|
| Thread | H mm | E mm | L mm | Art. no. Schlemmer | Art. no. SIB | PU PCS. |
| M 12 x 1,5 | 14,0 | 7,0 | 10,0 | - | D4812350 | 50 |
| M 16 x 1,5 | 17,0 | 7,0 | 10,0 | - | D4816350 | 50 |
| M 20 x 1,5 | 23,0 | 7,0 | 10,0 | - | D4820350 | 50 |
| M 25 x 1,5 | 29,0 | 8,0 | 11,5 | - | D4825350 | 25 |
| M 32 x 1,5 | 39,0 | 8,5 | 12,5 | - | D4832350 | 10 |
| M 40 x 1,5 | 45,0 | 8,5 | 12,5 | - | D4840350 | 10 |
| M 50 x 1,5 | 58,0 | 9,5 | 14,5 | - | D4850350 | 5 |
| M 63 x 1,5 | 70,0 | 10,5 | 17,5 | - | D4863350 | 5 |
| M 75 x 1,5 | 80,0 | 11,5 | 19,5 | - | D4875350 | 1 |

3.3

Réducteurs

Laiton nickelé
Filetage métrique

Reducers

Nickel-plated brass
Metric thread

RoHS

NF F 16-101: I2F0
Eurailtest 14.0410

EN 45545: R22 HL3 - R23 HL3
Eurailtest 14.0412

Matériel :

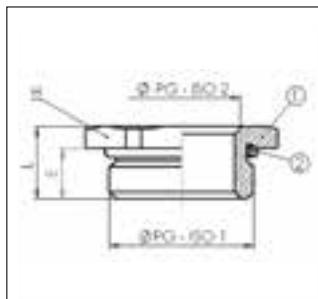
- 1 : Laiton nickelé
- 2 : Joint torique : silicone

Plage de température :

-60°C à 250°C

Couleur(s)/Versions :

- Filetage extérieur : métrique
- Filetage intérieur : métrique
- Filetage pour tube blindé sur demande
- 6 pans
- Joint plat sur demande



Material:

- 1: nickel-plated brass
- 2: o-ring: silicone

Temperature range:

-60°C to 250°C

Colour(s)/Designs:

- External thread: metric
- Internal thread: metric
- PG thread on request
- Hexagon
- Flat ring on request

| Ø1 Filetage extérieur | Ø2 Filetage intérieur | H mm | E mm | L mm | N° art. Schlemmer | N° art. SIB | VE pc. |
|--------------------------|--------------------------|---------|---------|---------|-----------------------|-----------------|------------|
| Ø1 External thread | Ø2 Internal thread | H mm | E mm | L mm | Art. no. Schlemmer | Art. no. SIB | PU pcs. |
| M 16 x 1,5 | M 12 x 1,5 | 20,0 | 7,0 | 10,0 | 61021500 | D6716350 | 50 |
| M 20 x 1,5 | M 12 x 1,5 | 24,0 | 7,0 | 10,0 | 61021501 | D6720350 | 50 |
| M 20 x 1,5 | M 16 x 1,5 | 24,0 | 7,0 | 10,0 | 61021502 | D6720351 | 50 |
| M 25 x 1,5 | M 16 x 1,5 | 30,0 | 8,0 | 11,5 | 61021503 | D6725350 | 20 |
| M 25 x 1,5 | M 20 x 1,5 | 30,0 | 8,0 | 11,5 | 61021504 | D6725351 | 20 |
| M 32 x 1,5 | M 16 x 1,5 | 36,0 | 8,5 | 12,5 | 61021505 | D6732350 | 20 |
| M 32 x 1,5 | M 20 x 1,5 | 36,0 | 8,5 | 12,5 | 61021506 | D6732351 | 20 |
| M 32 x 1,5 | M 25 x 1,5 | 36,0 | 8,5 | 12,5 | 61021507 | D6732352 | 20 |
| M 40 x 1,5 | M 20 x 1,5 | 42,0 | 8,5 | 12,5 | 61021508 | D6740350 | 10 |
| M 40 x 1,5 | M 25 x 1,5 | 42,0 | 8,5 | 12,5 | 61021509 | D6740351 | 10 |
| M 40 x 1,5 | M 32 x 1,5 | 42,0 | 8,5 | 12,5 | 61021510 | D6740352 | 10 |
| M 50 x 1,5 | M 25 x 1,5 | 55,0 | 9,5 | 14,5 | 61021511 | D6750350 | 10 |
| M 50 x 1,5 | M 32 x 1,5 | 55,0 | 9,5 | 14,5 | 61021512 | D6750351 | 10 |
| M 50 x 1,5 | M 40 x 1,5 | 55,0 | 9,5 | 14,5 | 61021513 | D6750352 | 5 |
| M 63 x 1,5 | M 40 x 1,5 | 70,0 | 10,5 | 17,5 | 61021514 | D6763350 | 5 |
| M 63 x 1,5 | M 50 x 1,5 | 70,0 | 10,5 | 17,5 | 61021515 | D6763351 | 5 |
| M 75 x 1,5 | M 40 x 1,5 | 80,0 | 18,0 | 26,0 | 61021516 | D6775350 | 1 |
| M 75 x 1,5 | M 50 x 1,5 | 80,0 | - | - | 61021517 | D6775352 | - |
| M 75 x 1,5 | M 63 x 1,5 | 80,0 | 11,5 | 19,5 | 61021518 | D6775351 | 1 |

Joint plats

Silicone

Filetage de raccord métrique

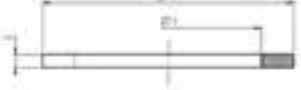
RoHS

EN 45545: R22 HL3 - R23 HL3
Eurailtest 14.0412

Flat sealings

Silicone

Metrical connection thread



Matériel :
silicone

Plage de température :
-60°C à 250°C

Couleur(s)/Versions :

- Rouge
- Filetage de raccord : métrique
- Filetage pour tube blindé sur demande

Domaines d'utilisation :
• Compatibles avec des presse-étoupes métriques, et accessoires



Material:
Silicone

Temperature range:
-60°C to 250°C

Colour(s)/Designs:

- Red
- Connecting thread: metric
- PG thread on request

Scope of application:
• Compatible with metric cable glands as well as equipment

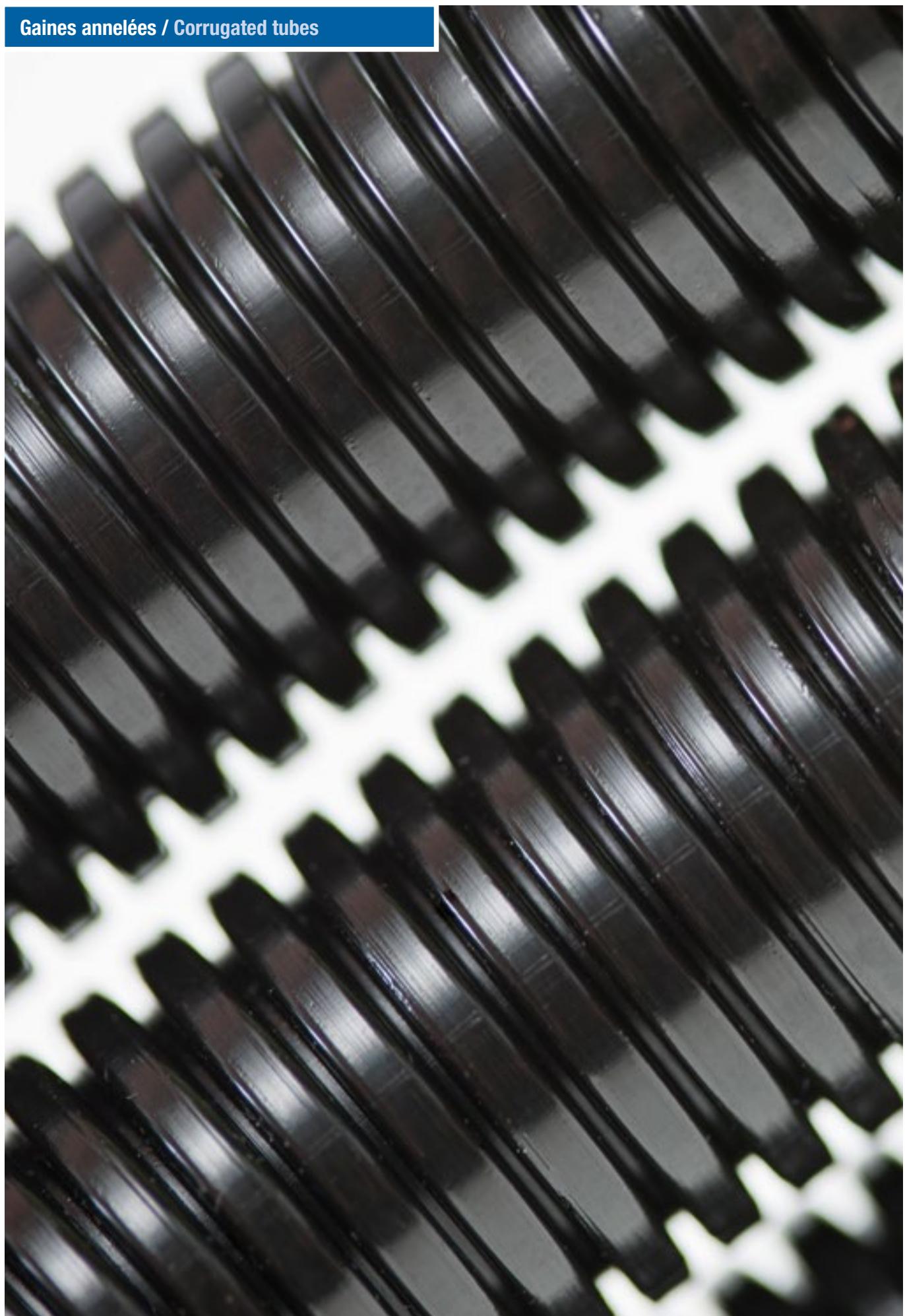
| Filetage de raccord | A mm | I mm | S mm | N° art. Schlemmer | N° art. SIB | VE pc. |
|---------------------|-------|------|------|--------------------|--------------|---------|
| Connecting thread | A mm | I mm | S mm | Art. no. Schlemmer | Art. no. SIB | PU pcs. |
| M 12 x 1,5 | 15,0 | 10,0 | 1,2 | 8113980 | D9412360 | 100 |
| M 16 x 1,5 | 20,0 | 13,9 | 1,2 | 8113981 | D9416360 | 100 |
| M 20 x 1,5 | 24,0 | 18,0 | 1,2 | 8113982 | D9420360 | 100 |
| M 25 x 1,5 | 30,0 | 23,0 | 1,2 | 8113983 | D9425360 | 100 |
| M 32 x 1,5 | 40,0 | 30,0 | 1,5 | 8113984 | D9432360 | 100 |
| M 40 x 1,5 | 48,0 | 38,0 | 1,5 | 8113985 | D9440360 | 100 |
| M 50 x 1,5 | 58,0 | 48,0 | 1,5 | 8113986 | D9450360 | 100 |
| M 63 x 1,5 | 75,0 | 61,0 | 1,5 | 8113987 | D9463360 | 100 |
| M 75 x 1,5 | 90,0 | 73,0 | 1,5 | 8113988 | D9475360 | 100 |
| M 80 x 2,0 | 100,0 | 78,0 | 2,5 | 8113989 | D9480360 | 100 |
| M 90 x 2,0 | 120,0 | 88,0 | 2,5 | 8113990 | D9490360 | 100 |
| M 100 x 2,0 | 130,0 | 98,0 | 2,5 | 8113991 | D9499360 | 100 |

3.3



Gaines annelées / Corrugated tubes

4.0





PA6 VO

Profilé normal / UFW

EN 45545: R22 HL2 - R23 HL3
Eurailtest DOC030603



PA6 VO

Normal/UFW profile

NF F 16-101: I2F2

GL

Matériel :
polyamide 6

Plage de température :
• 3000 h : -40 °C à 120 °C
• 240 h : -40°C à 150°C

Pare-flamme :
• UL 94 : VO

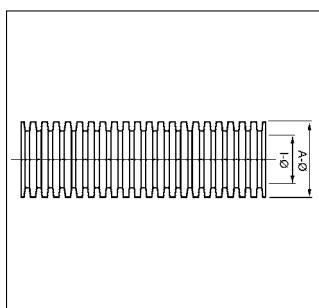
• Selon FMVSS 302 :
autoextincteur

Couleur(s)/Versions :

- Noir, gris, autres couleurs sur demande
- Longueurs des pièces sur demande
- Conteneur sur demande
- Non fendu
- Version fendue sur demande
- Profilé : normal/UFW
- Livraison du produit en rouleau

Propriétés :

- Aucun câble à enruler dessous nécessaire en cas de dérivations et sur les extrémités des câbles
- Résistant aux UV
- Sans halogène
- Numéro E-File E81472



Material:
Polyamide 6

Temperature range:
• 3000 h: -40°C to 120°C
• 240 h: -40°C to 150°C

Inflammability:

- UL 94: VO
- Acc. to FMVSS 302:
self-extinguishing

Colour(s)/Designs:

- Black, grey, others on request
- Cutted lengths on request
- Container on request
- Unsit
- Slit version on request
- Profile: Normal/UFW
- Product delivery as coil

Characteristics:

- No wrapping tape necessary at cable feeders or cable ends
- UV resistant
- Free of halogen
- E-File Number E81472

| DN | Profilés | A mm | I mm | N° art. Schlemmer noir | N° art. Schlemmer gris | Poids g/m | VE m |
|----|----------|------|------|--------------------------------|-------------------------------|---------------|---------|
| NW | Profile | A mm | I mm | Art. no. Schlemmer black | Art. no. Schlemmer grey | Weight g/m | PU m |

Profilé normal / Normal profile

| | | | | | | | |
|-----|-----------------|------|------|---------|---------|-------|-----|
| 3 | Normal / Normal | 5,2 | 2,8 | 1206003 | - | 7,0 | 200 |
| 7,5 | Normal / Normal | 10,0 | 6,7 | 1206079 | 1203070 | 18,0 | 50 |
| 8,5 | Normal / Normal | 11,7 | 8,4 | 1206085 | 1203089 | 24,0 | 50 |
| 10 | Normal / Normal | 13,0 | 9,9 | 1206109 | 1203100 | 25,0 | 50 |
| 12 | Normal / Normal | 15,7 | 12,2 | 1206125 | 1203126 | 33,0 | 50 |
| 13 | Normal / Normal | 15,8 | 12,7 | 1206130 | 1203134 | 37,0 | 50 |
| 17 | Normal / Normal | 21,2 | 16,6 | 1206176 | 1203177 | 56,0 | 50 |
| 22 | Normal / Normal | 25,4 | 21,3 | 1206220 | 1203223 | 77,0 | 50 |
| 23 | Normal / Normal | 28,3 | 23,2 | 1206230 | 1203231 | 90,0 | 50 |
| 29 | Normal / Normal | 34,5 | 29,0 | 1206290 | 1203290 | 122,0 | 25 |
| 37 | Normal / Normal | 42,4 | 36,6 | 1206370 | 1203371 | 172,0 | 25 |
| 50 | Normal / Normal | 53,7 | 47,7 | 1206508 | 1203509 | 221,0 | 25 |

Protection contre les vibrations UFW / UFW Vibration protection

| | | | | | | | |
|-----|-----------|------|------|---------|---------|-------|-----|
| 4,5 | UFW / UFW | 7,3 | 4,7 | 1206520 | 1203520 | 10,0 | 100 |
| 7,5 | UFW / UFW | 10,1 | 6,3 | 1206521 | 1203521 | 18,0 | 50 |
| 8,5 | UFW / UFW | 12,0 | 8,2 | 1206522 | 1203522 | 24,0 | 50 |
| 10 | UFW / UFW | 13,1 | 9,3 | 1206523 | 1203523 | 25,0 | 50 |
| 13 | UFW / UFW | 15,9 | 12,0 | 1206524 | 1203524 | 37,0 | 50 |
| 17 | UFW / UFW | 21,2 | 16,0 | 1206525 | 1203525 | 56,0 | 50 |
| 22 | UFW / UFW | 25,7 | 19,9 | 1206526 | 1203526 | 77,0 | 50 |
| 23 | UFW / UFW | 28,6 | 22,2 | 1206527 | 1203527 | 90,0 | 50 |
| 29 | UFW / UFW | 34,6 | 28,4 | 1206529 | 1203529 | 122,0 | 25 |
| 37 | UFW / UFW | 42,3 | 35,4 | 1206530 | 1203530 | 172,0 | 25 |



TWIN PA6 VO

Profilé en deux parties + pouvant être fermé

EN 45545: R22 HL2 - R23 HL3
Eurailtest DOC030603

RoHS

NF F 16-101: I2+F2



TWIN PA6 VO

Two piece + closable profile

UNI CEI
11170 LR4

Matériel :
polyamide 6

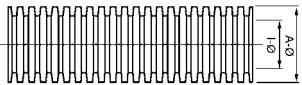
Plage de température :
• 3000 h : -40 °C à 120 °C
• 240 h : -40°C à 150°C

Pare-flamme :

- UL 94 : VO
- Selon FMVSS 302 : autoextincteur

Couleur(s)/Versions :

- Noir, autres couleurs sur demande
- Longueurs des pièces sur demande
- Conteneur sur demande
- Sans impression
- Livraison du produit en rouleau



Material:

Polyamide 6

Temperature range:

- 3000 h: -40°C to 120°C
- 240 h: -40°C to 150°C

Inflammability:

- UL 94: VO
- Acc. to FMVSS 302: self-extinguishing

Colour(s)/Designs:

- Black, others on request
- Cutted lengths on request
- Container on request
- Without marking
- Product delivery as coil

Characteristics:

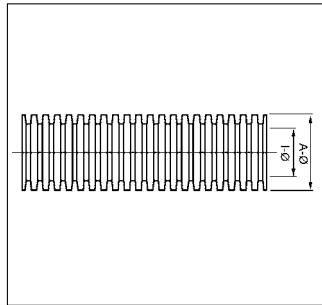
- Two piece
- Longitudinal dividable
- Closable
- High cold impact strength and ultimate elongation
- Free of halogene
- Bending stable
- Excellent chemical resistance

| DN | Profilé | A mm | I mm | N° art. Schlemmer | Poids g/m | VE m |
|-----|-----------------|------|------|-----------------------|---------------|---------|
| NW | Profile | A mm | I mm | Art. no. Schlemmer | Weight g/m | PU m |
| 7,5 | Normal / Normal | 10,3 | 5,6 | 1206707 | 25,0 | 50 |
| 10 | Normal / Normal | 13,3 | 8,5 | 1206710 | 36,0 | 50 |
| 13 | Normal / Normal | 16,0 | 11,0 | 1206713 | 53,0 | 50 |
| 16 | Normal / Normal | 19,0 | 13,0 | 1206716 | 61,0 | 50 |
| 17 | Normal / Normal | 21,5 | 15,5 | 1206717 | 68,0 | 50 |
| 22 | Normal / Normal | 25,6 | 19,1 | 1206722 | 98,0 | 50 |
| 23 | Normal / Normal | 28,5 | 21,9 | 1206723 | 109,0 | 50 |
| 26 | Normal / Normal | 31,7 | 24,0 | 1206726 | 122,0 | 25 |
| 29 | Normal / Normal | 35,0 | 27,2 | 1206729 | 155,0 | 25 |
| 37 | Normal / Normal | 42,5 | 32,0 | 1206737 | 195,0 | 25 |
| 50 | Normal / Normal | 53,9 | 43,9 | 1206750 | 262,0 | 25 |
| 70 | Normal / Normal | 79,0 | 62,2 | 1206770 | 530,0 | 10 |

Gaine annelée PA12 normal / lourd

RoHS

Corrugated tube PA12 normal / heavy



Matériel :
polyamide 12

Plage de température :

- Statique : -50°C à 140°C
- Dynamique : -30°C à 85°C

Couleur(s)/Versions :

- Noir, autres couleurs sur demande
- Profilé grossier / fin
- Longueurs des pièces sur demande
- Containeur sur demande
- Non fendu
- Livraison du produit en rouleau

Propriétés :

- Très flexible
- Sans halogène
- Propriétés isolantes
- Épaisseur de paroi moyenne
- DIN EN 61386-1
- UL 94 : V2

Accessoires :

- Série de raccords à vis pour gaines flexibles VM

Material:

Polyamide 12

Temperature range:

- Static: -50°C bis 140°C
- Dynamic: -30°C bis 85°C

Colour(s)/Designs:

- Black, others on request
- Broad / fine profile
- Cutted lengths on request
- Container on request
- Unslit
- Product delivery as coil

Characteristics:

- Very flexible
- Free of halogen
- Electrical insulation properties
- Medium tube material
- DIN EN 61386-1
- UL 94:V2

Equipment:

- VM conduit gland series

| DN | Profilé | A mm | I mm | N° art. Schlemmer | Poids g/m | VE m |
|------------------------|--------------|------|------|-----------------------|---------------|------|
| NW | Profile | A mm | I mm | Art. no. Schlemmer | Weight g/m | PU m |
| Normal / Normal | | | | | | |
| 7,5 | Grob / Broad | 10,0 | 6,4 | 1241007 | 24 | 100 |
| 10 | Fein / Fine | 13,0 | 9,6 | 1241010 | 26 | 100 |
| 13 | Fein / Fine | 15,7 | 11,8 | 1241013 | 35 | 50 |
| 17 | Fein / Fine | 21,7 | 16,7 | 1241017 | 53 | 50 |
| 23 | Fein / Fine | 28,4 | 23,0 | 1241023 | 94 | 50 |
| 23 | Grob / Broad | 28,3 | 21,8 | 1241024 | 92 | 50 |
| 29 | Fein / Fine | 34,2 | 28,2 | 1241029 | 130 | 50 |
| 29 | Grob / Broad | 34,1 | 28,1 | 1241030 | 120 | 50 |
| 37 | Fein / Fine | 42,5 | 35,8 | 1241037 | 180 | 30 |
| 37 | Grob / Broad | 42,3 | 35,5 | 1241038 | 165 | 30 |
| 50 | Fein / Fine | 54,5 | 47,6 | 1241050 | 240 | 30 |
| 50 | Grob / Broad | 54,5 | 46,5 | 1241051 | 230 | 30 |
| Lourd / Heavy | | | | | | |
| 10 | Fein / Fine | 12,9 | 9,4 | 1241110 | 31 | 100 |
| 13 | Fein / Fine | 15,6 | 11,6 | 1241113 | 43 | 50 |
| 17 | Fein / Fine | 21,6 | 16,4 | 1241117 | 84 | 50 |
| 23 | Grob / Broad | 28,4 | 21,9 | 1241123 | 120 | 50 |
| 29 | Grob / Broad | 34,2 | 27,3 | 1241129 | 188 | 50 |
| 37 | Grob / Broad | 42,4 | 35,4 | 1241137 | 200 | 30 |
| 50 | Grob / Broad | 54,3 | 46,4 | 1241150 | 285 | 30 |

Raccord à vis pour gaines flexibles VM droits

Polyamide
Filetage extérieur métallique
Pour tube blindé/filetage métrique

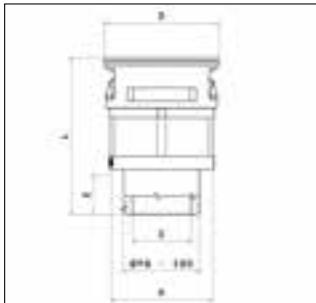
RoHS

IP 67*

*côté tube
*on tube

Tube gland VM straight

Polyamide
Metal thread
PG/metric thread



Matiel :

- Polyamide 6
- Filetage en laiton nickelé
- Joint du filetage de raccord en fibres d'Aramidé

Plage de température :

-40°C à +105°C

Couleur(s)/Versions :

- Noir, gris
- Filetage extérieur : pour tube blindé/métrique

- Avec filetage métallique

Propriétés :

- Raccord à vis droit
- Avec joint côté tube
- Sans halogène, phosphore et cadmium
- UL 94 : PA6 V2

Domaines d'utilisation :

- Compatible avec les gaines en plastique PA12

Material:

- Polyamide 6
- Thread made of nickel-plated brass
- Thread sealing made of Aramid fibres

Temperature range:

-40°C to +105°C

Colour(s)/Designs:

- Black, grey
- External thread: PG/metric
- With metal thread

Characteristics:

- Straight connector
- With seal on tube
- Free of halogen, phosphor and cadmium
- UL 94: PA6 V2

Scope of application:

- Compatible with plastic tube PA12

| Filetage extérieur External thread | pour DN for NW | C mm C mm | E mm E mm | D mm D mm | L mm L mm | H mm H mm | N° art. Schlemmer gris Art. no. Schlemmer grey | N° art. Schlemmer noir Art. no. Schlemmer black | Poids Polyamide g Weight Polyamide g | VE pc. PU pcs. |
|---------------------------------------|-------------------|--------------|--------------|--------------|--------------|--------------|---------------------------------------------------------|----------------------------------------------------------|-----------------------------------------|-------------------|
| PG / PG | | | | | | | | | | |
| PG 9 | 10 | 10,5 | 12,0 | 21,1 | 37,5 | 19 | 3810109 | 3810209 | 10,5 | 30 |
| PG 11 | 13 | 13,4 | 12,0 | 24,0 | 38,5 | 22 | 3810111 | 3810211 | 16,3 | 30 |
| PG 13,5 | 17 | 15,4 | 12,0 | 30,4 | 41,5 | 27 | 3810113 | 3810213 | 21,5 | 30 |
| PG 16 | 17 | 17,5 | 12,0 | 30,4 | 41,5 | 27 | 3810116 | 3810216 | 23,0 | 30 |
| PG 21 | 23 | 22,4 | 14,0 | 40,0 | 52,5 | 36 | 3810121 | 3810221 | 42,4 | 30 |
| PG 29 | 29 | 30,2 | 14,0 | 46,0 | 53,5 | 41 | 3810129 | 3810229 | 61,8 | 20 |
| PG 36 | 37 | 36,0 | 17,0 | 57,0 | 63,5 | 50 | 3810136 | 3810236 | 116,0 | 10 |
| PG 48 | 50 | 47,0 | 17,0 | 73,0 | 68,5 | 65 | 3810148 | 3810248 | 184,0 | 10 |
| Métrique / Metric | | | | | | | | | | |
| M 16 x 1,5 | 10 | 10,8 | 12,0 | 21,1 | 37,5 | 19 | 3810316 | 3810416 | 10,6 | 30 |
| M 16 x 1,5 | 13 | 10,8 | 12,0 | 24,0 | 39,0 | 22 | 3810317 | 3810417 | 16,3 | 30 |
| M 20 x 1,5 | 10 | 10,9 | 12,0 | 25,0 | 38,0 | 19 | 3810320 | 3810420 | 9,2 | 30 |
| M 20 x 1,5 | 13 | 10,6 | 12,0 | 25,0 | 39,0 | 22 | 3810321 | 3810421 | 16,5 | 30 |
| M 20 x 1,5 | 17 | 15,4 | 12,0 | 30,4 | 41,5 | 27 | 3810322 | 3810422 | 23,0 | 30 |
| M 25 x 1,5 | 17 | 17,7 | 14,0 | 32,0 | 43,5 | 27 | 3810325 | 3810425 | 23,5 | 30 |
| M 25 x 1,5 | 23 | 19,7 | 14,0 | 40,0 | 52,5 | 36 | 3810326 | 3810426 | 42,4 | 30 |
| M 32 x 1,5 | 23 | 24,6 | 14,0 | 40,0 | 52,5 | 36 | 3810332 | 3810432 | 41,8 | 30 |
| M 32 x 1,5 | 29 | 26,8 | 14,0 | 46,0 | 53,5 | 41 | 3810333 | 3810433 | 61,8 | 20 |
| M 40 x 1,5 | 29 | 29,0 | 14,0 | 46,5 | 53,5 | 41 | 3810340 | 3810440 | 60,9 | 20 |
| M 40 x 1,5 | 37 | 29,8 | 14,0 | 57,0 | 60,0 | 50 | 3810341 | 3810441 | 90,0 | 10 |
| M 50 x 1,5 | 37 | 35,7 | 18,0 | 60,5 | 64,5 | 50 | 3810350 | 3810450 | 115,6 | 10 |
| M 50 x 1,5 | 50 | 35,5 | 17,8 | 65,0 | 69,5 | 65 | 3810351 | 3810451 | 192,0 | 10 |
| M 63 x 1,5 | 50 | 46,0 | 15,5 | 73,0 | 69,0 | 65 | 3810363 | 3810463 | 155,2 | 10 |

Raccord à vis pour gaines flexibles VM angle à 90°

Polyamide
Filetage extérieur métallique
Pour tube blindé/filetage
métrique

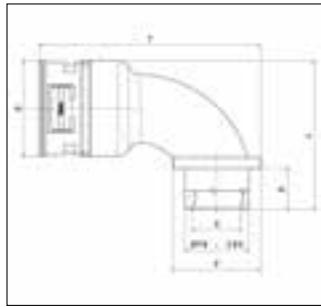
RoHS

IP 67*

*côté tube
*on tube

Tube gland VM 90° angle

Polyamide
Metal thread
PG/metric thread



Matériel :

- Polyamide 6
- Filetage en laiton nickelé
- Joint du filetage de raccord en fibres d'Aramidé

Plage de température :

-40°C à +105°C

Couleur(s)/Versions :

- Noir, gris
- Filetage extérieur : pour tube blindé/métrique
- Avec filetage métallique

Propriétés :

- Raccord vis à 90°
- Avec joint côté tube
- Sans halogène, phosphore et cadmium
- UL 94 : PA6 V2

Domaines d'utilisation :

- Compatible avec les gaines en plastique PA12

Material:

- Polyamide 6
- Thread made of nickel-plated brass
- Thread sealing made of Aramid fibres

Temperature range:

-40°C to +105°C

Colour(s)/Designs:

- Black, grey
- External thread: PG/metric
- With metal thread

Characteristics:

- 90° connector
- With seal on tube
- Free of halogen, phosphor and cadmium
- UL 94: PA6 V2

Scope of application:

- Compatible with plastic tube PA12

| Filetage extérieur | pour DN | C mm | E mm | D mm | L mm | F mm | T mm gris | N° art. Schlemmer noir | N° art. Schlemmer gris | Poids Polyamide | VE pc. |
|--------------------------|---------|------|------|------|------|------|-----------|-------------------------|--------------------------|--------------------|---------|
| External thread | for NW | C mm | E mm | D mm | L mm | F mm | T mm | Art. no. Schlemmer grey | Art. no. Schlemmer black | Weight Polyamide g | PU pcs. |
| PG / PG | | | | | | | | | | | |
| PG 9 | 10 | 10,0 | 11,0 | 21,1 | 37,6 | 20,5 | 56,3 | 3820109 | 3820209 | 13,4 | 30 |
| PG 11 | 10 | 9,9 | 11,0 | 21,1 | 38,1 | 24,0 | 58,1 | 3820111 | 3820211 | 16,3 | 30 |
| PG 11 | 13 | 12,0 | 11,0 | 24,3 | 41,0 | 23,5 | 58,8 | 3820112 | 3820212 | 18,0 | 30 |
| PG 13,5 | 17 | 14,8 | 13,0 | 30,4 | 48,2 | 27,5 | 70,0 | 3820113 | 3820213 | 27,0 | 30 |
| PG 16 | 17 | 16,8 | 13,0 | 30,4 | 48,2 | 27,5 | 70,0 | 3820116 | 3820216 | 28,0 | 30 |
| PG 21 | 23 | 22,3 | 14,0 | 40,0 | 59,0 | 35,5 | 88,1 | 3820121 | 3820221 | 45,0 | 30 |
| PG 29 | 29 | 29,0 | 14,0 | 46,0 | 66,0 | 43,5 | 98,3 | 3820129 | 3820229 | 70,5 | 20 |
| PG 36 | 37 | 36,4 | 14,0 | 56,0 | 78,0 | 55,0 | 113,1 | 3820136 | 3820236 | 118,0 | 10 |
| PG 48 | 50 | 49,7 | 14,0 | 70,0 | 91,0 | 66,5 | 133,6 | 3820148 | 3820248 | 175,7 | 10 |
| Métrique / Metric | | | | | | | | | | | |
| M 16 x 1,5 | 10 | 10,0 | 11,0 | 21,1 | 38,1 | 24,0 | 58,0 | 3820316 | 3820416 | 12,4 | 30 |
| M 16 x 1,5 | 13 | 8,7 | 11,0 | 24,3 | 41,0 | 25,0 | 59,6 | 3820317 | 3820417 | 20,6 | 30 |
| M 20 x 1,5 | 10 | 10,0 | 11,8 | 21,3 | 38,1 | 24,8 | 58,5 | 3820322 | 3820422 | 16,2 | 30 |
| M 20 x 1,5 | 13 | 11,9 | 12,0 | 24,3 | 42,0 | 23,5 | 58,8 | 3820320 | 3820420 | 18,4 | 30 |
| M 20 x 1,5 | 17 | 14,8 | 13,0 | 30,4 | 48,2 | 27,5 | 70,0 | 3820321 | 3820421 | 25,8 | 30 |
| M 25 x 1,5 | 17 | 16,7 | 13,0 | 30,4 | 48,2 | 33,0 | 72,8 | 3820325 | 3820425 | 25,9 | 30 |
| M 32 x 1,5 | 23 | 22,2 | 14,0 | 40,0 | 59,0 | 43,0 | 91,9 | 3820332 | 3820432 | 44,4 | 30 |
| M 32 x 1,5 | 29 | 23,2 | 14,0 | 46,0 | 66,0 | 43,5 | 98,3 | 3820333 | 3820433 | 84,0 | 20 |
| M 40 x 1,5 | 29 | 28,6 | 14,0 | 46,0 | 66,5 | 51,0 | 102,0 | 3820340 | 3820440 | 70,5 | 20 |
| M 40 x 1,5 | 37 | 28,4 | 14,0 | 56,0 | 78,0 | 51,0 | 111,2 | 3820341 | 3820441 | 148,0 | 10 |
| M 50 x 1,5 | 37 | 36,2 | 14,0 | 56,0 | 78,0 | 61,0 | 116,2 | 3820350 | 3820450 | 105,8 | 10 |
| M 63 x 1,5 | 50 | 49,7 | 14,0 | 70,0 | 91,0 | 70,0 | 134,8 | 3820363 | 3820463 | 174,8 | 10 |

Raccord à vis pour gaines flexibles VM angle à 45°

Polyamide
Filetage extérieur métallique
Pour tube blindé/filetage métrique

RoHS

IP 67*

*côté tube
*on tube

Tube gland VM 45° angle

Polyamide
Metal thread
PG/metric thread



Matériel :

- Polyamide 6
- Filetage en laiton nickelé
- Joint du filetage de raccord en fibres d'Aramidé

Plage de température :

-40°C à +105°C

Couleur(s)/Versions :

- Noir, gris
- Filetage extérieur : pour tube blindé/métrique
- Avec filetage métallique

Propriétés :

- Raccord à vis à 45°
- Avec joint côté tube
- Sans halogène, phosphore et cadmium
- UL 94 : PA6 V2

Domaines d'utilisation :

- Compatible avec les gaines en plastique PA12

Material:

- Thread made of nickel-plated brass
- Thread sealing made of Aramid fibres

Temperature range:

-40°C to +105°C

Colour(s)/Designs:

- Black, grey
- External thread: PG/metric
- With metal thread

Characteristics:

- 45° connector
- With seal on tube
- Free of halogen, phosphor and cadmium
- UL 94: PA6 V2

Scope of application:

- Compatible with plastic conduit PA12

| Filetage extérieur | pour DN | C mm | E mm | D mm | L mm | F mm | T mm | N° art. Schlemmer gris | N° art. Schlemmer noir | Poids Polyamide g | VE pc. |
|--------------------------|---------|------|------|------|-------|------|-------|-------------------------|--------------------------|--------------------|---------|
| External thread | for NW | C mm | E mm | D mm | L mm | F mm | T mm | Art. no. Schlemmer grey | Art. no. Schlemmer black | Weight Polyamide g | PU pcs. |
| PG / PG | | | | | | | | | | | |
| PG 9 | 10 | 9,9 | 11,0 | 21,1 | 47,0 | 24,0 | 43,4 | 3811109 | 3811209 | 10,0 | 30 |
| PG 11 | 13 | 12,0 | 11,0 | 24,3 | 50,0 | 23,5 | 43,7 | 3811111 | 3811211 | 16,5 | 30 |
| PG 13,5 | 17 | 14,8 | 13,0 | 30,4 | 58,5 | 27,5 | 53,2 | 3811113 | 3811213 | 21,0 | 30 |
| PG 16 | 17 | 16,8 | 13,0 | 30,4 | 58,5 | 27,5 | 53,2 | 3811116 | 3811216 | 24,0 | 30 |
| PG 21 | 23 | 22,3 | 14,0 | 40,0 | 71,0 | 35,5 | 67,0 | 3811121 | 3811221 | 40,0 | 30 |
| PG 29 | 29 | 29,0 | 14,0 | 46,0 | 77,6 | 43,5 | 76,2 | 3811129 | 3811229 | 62,0 | 20 |
| PG 36 | 37 | 36,4 | 14,0 | 56,0 | 91,7 | 55,0 | 90,5 | 3811136 | 3811236 | 101,4 | 10 |
| PG 48 | 50 | 49,7 | 14,0 | 70,0 | 105,5 | 66,5 | 109,4 | 3811148 | 3811248 | 154,4 | 10 |
| Métrique / Metric | | | | | | | | | | | |
| M 16 x 1,5 | 10 | 10,0 | 11,0 | 21,1 | 47,0 | 24,0 | 43,4 | 3811316 | 3811416 | 11,2 | 30 |
| M 16 x 1,5 | 13 | 8,7 | 11,0 | 24,3 | 50,0 | 25,0 | 44,5 | 3811317 | 3811417 | 17,8 | 30 |
| M 20 x 1,5 | 13 | 11,9 | 11,0 | 24,3 | 51,0 | 23,5 | 43,7 | 3811321 | 3811421 | 16,5 | 30 |
| M 20 x 1,5 | 17 | 14,8 | 13,0 | 30,4 | 58,5 | 27,5 | 53,2 | 3811322 | 3811422 | 32,5 | 30 |
| M 25 x 1,5 | 17 | 16,7 | 13,0 | 30,4 | 58,5 | 33,0 | 56,0 | 3811325 | 3811425 | 32,9 | 30 |
| M 32 x 1,5 | 23 | 22,2 | 14,0 | 40,0 | 71,0 | 43,0 | 70,8 | 3811332 | 3811432 | 41,2 | 30 |
| M 32 x 1,5 | 29 | 23,2 | 14,0 | 46,0 | 77,6 | 43,5 | 76,2 | 3811333 | 3811433 | 70,0 | 20 |
| M 40 x 1,5 | 29 | 28,6 | 14,0 | 46,0 | 78,1 | 51,0 | 80,0 | 3811340 | 3811440 | 58,0 | 20 |
| M 40 x 1,5 | 37 | 28,4 | 14,0 | 56,0 | 91,7 | 51,0 | 88,5 | 3811341 | 3811441 | 122,7 | 10 |
| M 50 x 1,5 | 37 | 36,2 | 14,0 | 56,0 | 91,7 | 61,0 | 91,5 | 3811350 | 3811450 | 101,0 | 10 |
| M 63 x 1,5 | 50 | 49,7 | 14,0 | 70,0 | 105,5 | 70,0 | 111,2 | 3811363 | 3811463 | 155,7 | 10 |

Gaine métallique MS-B

Metal tube MS-B

RoHS **IP 50**

Matériel :

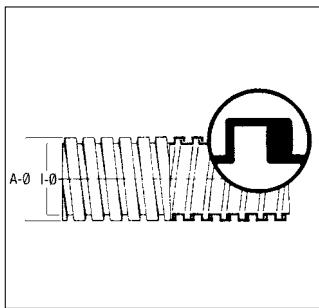
- Gaines métallique : acier galvanisé
- Manchon à visser : polyéthylène

Plage de température :

- Gaines métallique : -50°C à 300°C
- Manchon à visser en plastique : -40°C à 80°C

Couleur(s)/Versions :

- Autres dimensions sur demande
- Manchon à visser métallique sur demande
- Livraison du produit en rouleau



**Manchon à visser
Sleeve**

Accessoires :

- Série de raccords à vis RACCORD MS-B

Material:

- Metal tube: galvanized steel
- Sleeve: polyethylene

Temperature range:

- Metal tube: -50°C to 300°C
- Plastic sleeve: -40°C to 80°C

Colour(s)/Designs:

- Other dimensions on request
- Metal sleeve on request
- Product delivery as coil

Equipment:

- RAKKORD MS-B
tube gland series

| Raccords à vis compatibles | A mm | I mm | Rayon de flexion mm | N° art. Schlemmer gaine | N° art. SIB gaine | N° art. Schlemmer manchon à visser | N° art. SIB manchon à visser | Poids manchon à visser g | VE m |
|----------------------------|-------|-------|---------------------|-------------------------|-------------------|------------------------------------|------------------------------|--------------------------|------|
| Compatible glands | A mm | I mm | Bending radius mm | Art. no. Schlemmer Tube | Art. No. SIB Tube | Art. No. Schlemmer sleeve | Art.-No. SIB sleeve | Weight sleeve g | PU m |
| PG 7 / M 10 | 10,0 | 8,0 | 28,0 | 0000086 | M0006002 | - | - | - | 50 |
| PG 7 / M 12 | 13,0 | 10,0 | 28,0 | 0000108 | M0007009 | - | - | - | 50 |
| PG 9 / M 16 | 14,0 | 11,0 | 30,0 | 0000116 | M0009003 | 8600203 | K0709507 | 0,8 | 50 |
| PG 11 / M 16 | 17,0 | 14,0 | 30,0 | 0000140 | M0011006 | 8600204 | K0711500 | 1,1 | 50 |
| PG 13,5 / M 20 | 19,0 | 16,0 | 40,0 | 0000167 | M0013000 | 8600205 | K0713504 | 1,5 | 50 |
| PG 16 / M 20 | 20,0 | 17,0 | 40,0 | 0000175 | M0016001 | 8600206 | K0716505 | 1,7 | 50 |
| PG 21 / M 25 | 27,0 | 23,0 | 50,0 | 0000230 | M0021005 | 8600207 | K0721509 | 3,5 | 25 |
| PG 29 / M 32 | 36,0 | 32,0 | 70,0 | 0000329 | M0029001 | 8600208 | K0729505 | 6,7 | 25 |
| PG 36 / M 40 | 45,0 | 40,0 | 90,0 | 0000400 | M0036009 | 8600209 | K0736503 | 13,3 | 25 |
| PG 48 / M 63 | 56,0 | 50,0 | 110,0 | 0000507 | M0048002 | 8600210 | K0748506 | 20,3 | 25 |
| G2" 1/2 / M75 | 65,0 | 60,0 | 250,0 | - | M0060001 | - | - | - | 25 |
| G3" / M90 | 85,0 | 80,0 | 325,0 | - | M0080000 | - | - | - | 25 |
| G4" / M100 | 105,0 | 100,0 | 425,0 | - | M0080002 | - | - | - | 25 |

Raccord à vis pour gaines flexibles RACCORD MS-B

Pour tube blindé/filetage métrique

RoHS **IP 54**

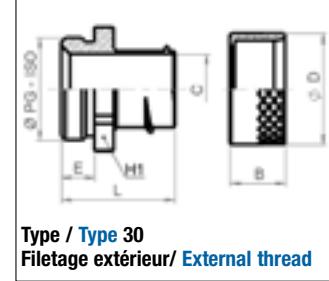
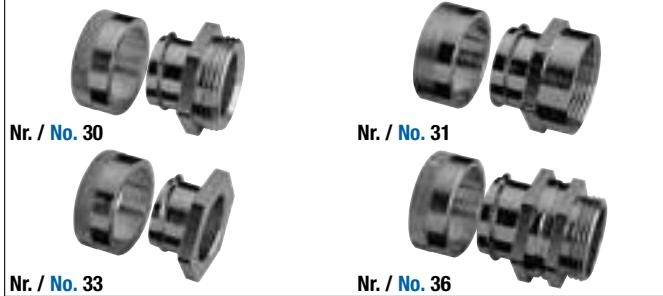
Matériel :
laiton nickelé

Plage de température :
-60°C à +700°C

Versions :
• Filetage pour tube blindé
• Filetage long sur demande

Tube gland Rakkord MS-B

PG/metric thread



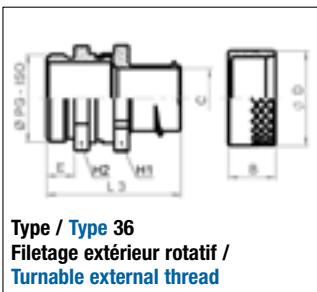
| N° art. Schlemmer gaine métallique | N° art. SIB gaine métallique | Filetage extérieur | E mm | C mm | H1 / H2 mm | N° art. Schlemmer | N° art. SIB | VE pc. |
|----------------------------------------------------------------|------------------------------|--------------------|------|------|------------|--------------------|--------------|---------|
| Art. No. Schlemmer Metal tube | Art. No. SIB Metal tube | External thread | E mm | C mm | H1 / H2 mm | Art. no. Schlemmer | Art. no. SIB | PU pcs. |
| PG, filetage court, type 30 / PG, short thread, Type 30 | | | | | | | | |
| 0000086 | M0006002 | PG 7 | 5,0 | 7,0 | 14,0 / - | 2000075 | J0006002 | 100 |
| 0000108 | M0007009 | PG 7 | 5,0 | 8,8 | 15,0 / - | - | J0007009 | 100 |
| 0000116 | M0009003 | PG 9 | 5,0 | 9,6 | 17,0 / - | 2000091 | J0009003 | 100 |
| 0000140 | M0011006 | PG 11 | 6,0 | 12,6 | 20,0 / - | 2000113 | J0011006 | 50 |
| 0000167 | M0013000 | PG 13,5 | 6,0 | 14,5 | 22,0 / - | 2000130 | J0013000 | 50 |
| 0000175 | M0016001 | PG 16 | 6,0 | 15,5 | 24,0 / - | - | J0016001 | 50 |
| 0000230 | M0021005 | PG 21 | 7,0 | 21,7 | 30,0 / - | 2000210 | J0021005 | 50 |
| 0000329 | M0029001 | PG 29 | 8,0 | 30,1 | 39,0 / - | 2000296 | J0029001 | 50 |
| 0000400 | M0036009 | PG 36 | 8,0 | 38,5 | 50,0 / - | 2000369 | J0036009 | 50 |
| - | M0048002 | PG 48 NFC | 10,0 | 48,2 | 65,0 / - | - | J0048002 | 25 |
| 0000507 | M0048002 | PG 48 DIN | 10,0 | 48,2 | 65,0 / - | 2000482 | J0049009 | 25 |

| Métrique, filetage court, type 30 / Metric, short thread, Type 30 | | | | | | | | |
|--------------------------------------------------------------------------|------------------------------|--------------------|------|------|------------|--------------------|--------------|---------|
| N° art. Schlemmer gaine métallique | N° art. SIB gaine métallique | Filetage extérieur | E mm | C mm | H1 / H2 mm | N° art. Schlemmer | N° art. SIB | VE pc. |
| Art. No. Schlemmer Metal tube | Art. No. SIB Metal tube | External thread | E mm | C mm | H1 / H2 mm | Art. no. Schlemmer | Art. no. SIB | PU pcs. |
| 0000086 | M0006002 | M 10 x 1,5 | 6,0 | 6,5 | 14,0 / - | - | J0007010 | 50 |
| 0000108 | M0007009 | M 12 x 1,5 | 6,0 | 8,2 | 15,0 / - | - | J0009012 | 50 |
| 0000116 | M0009003 | M 16 x 1,5 | 6,0 | 9,6 | 17,0 / - | 2051010 | J0009016 | 50 |
| 0000140 | M0011006 | M 16 x 1,5 | 6,0 | 11,6 | 20,0 / - | 2051028 | J0011016 | 50 |
| 0000167 | M0013000 | M 20 x 1,5 | 6,0 | 14,5 | 22,0 / - | 2051036 | J0013020 | 50 |
| 0000175 | M0016001 | M 20 x 1,5 | 6,0 | 15,5 | 24,0 / - | - | J0016022 | 50 |
| 0000230 | M0021005 | M 25 x 1,5 | 7,0 | 21,2 | 30,0 / - | 2051052 | J0021025 | 20 |
| 0000329 | M0029001 | M 32 x 1,5 | 8,0 | 26,5 | 39,0 / - | 2051060 | J0029032 | 20 |
| 0000400 | M0036009 | M 40 x 1,5 | 8,0 | 35,2 | 50,0 / - | 2051079 | J0036040 | 20 |
| 0000507 | M0048002 | M 63 x 1,5 | 10,0 | 48,2 | 65,0 / - | 2051095 | J0048063 | 5 |

| PG, filetage court, type 31 / PG, short thread, Type 31 | | | | | | | | |
|----------------------------------------------------------------|------------------------------|--------------------|------|------|------------|--------------------|--------------|---------|
| N° art. Schlemmer gaine métallique | N° art. SIB gaine métallique | Filetage extérieur | E mm | C mm | H1 / H2 mm | N° art. Schlemmer | N° art. SIB | VE pc. |
| Art. No. Schlemmer Metal tube | Art. No. SIB Metal tube | External thread | E mm | C mm | H1 / H2 mm | Art. no. Schlemmer | Art. no. SIB | PU pcs. |
| 0000086 | M0006002 | PG 7 | 5,0 | 7,0 | 14,0 / - | 2001071 | J0006101 | 100 |
| 0000108 | M0007009 | PG 7 | 5,0 | 8,8 | 15,0 / - | - | J0007108 | 100 |
| 0000116 | M0009003 | PG 9 | 5,0 | 9,6 | 17,0 / - | 2001098 | J0009102 | 100 |
| 0000140 | M0011006 | PG 11 | 6,0 | 12,6 | 20,0 / - | 2001110 | J0011105 | 50 |
| 0000167 | M0013000 | PG 13,5 | 6,0 | 14,5 | 22,0 / - | 2001136 | J0013109 | 50 |
| 0000175 | M0016001 | PG 16 | 6,0 | 15,5 | 24,0 / - | - | J0016100 | 50 |
| 0000230 | M0021005 | PG 21 | 7,0 | 21,7 | 30,0 / - | 2001217 | J0021104 | 50 |
| 0000329 | M0029001 | PG 29 | 8,0 | 30,1 | 39,0 / - | 2001292 | J0029100 | 50 |
| 0000400 | M0036009 | PG 36 | 8,0 | 38,5 | 50,0 / - | 2001365 | J0036108 | 50 |
| 0000507 | M0048002 | PG 48 NFC | 10,0 | 48,2 | 65,0 / - | - | J0048101 | 25 |
| 0000507 | M0048002 | PG 48 DIN | 10,0 | 48,2 | 65,0 / - | 2001489 | J0049108 | 25 |

| PG, sans filetage, type 33 / PG, without thread, Type 33 | | | | | | | | |
|-----------------------------------------------------------------|------------------------------|--------------------|------|------|------------|--------------------|--------------|---------|
| N° art. Schlemmer gaine métallique | N° art. SIB gaine métallique | Filetage extérieur | E mm | C mm | H1 / H2 mm | N° art. Schlemmer | N° art. SIB | VE pc. |
| Art. No. Schlemmer Metal tube | Art. No. SIB Metal tube | External thread | E mm | C mm | H1 / H2 mm | Art. no. Schlemmer | Art. no. SIB | PU pcs. |
| 0000086 | M0006002 | PG 7 | - | 7,0 | 14,0 / - | 2002078 | J0006309 | 100 |
| 0000108 | M0007009 | PG 7 | - | 8,8 | 15,0 / - | - | J0007306 | 100 |
| 0000116 | M0009003 | PG 9 | - | 9,6 | 17,0 / - | 2002094 | J0009300 | 100 |
| 0000140 | M0011006 | PG 11 | - | 12,6 | 20,0 / - | 2002116 | J0011303 | 50 |
| 0000167 | M0013000 | PG 13,5 | - | 14,5 | 22,0 / - | 2002132 | J0013307 | 50 |
| 0000175 | M0016001 | PG 16 | - | 15,5 | 24,0 / - | - | J0016308 | 50 |
| 0000230 | M0021005 | PG 21 | - | 21,7 | 30,0 / - | 2002213 | J0021302 | 50 |
| 0000329 | M0029001 | PG 29 | - | 30,1 | 39,0 / - | 2002299 | J0029308 | 50 |
| 0000400 | M0036009 | PG 36 | - | 38,5 | 50,0 / - | 2002361 | J0036306 | 25 |
| 0000507 | M0048002 | PG 48 | - | 48,2 | 65,0 / - | 2002485 | J0048309 | 25 |

| N° art. Schlemmer gaine métallique | N° art. SIB gaine métallique | Filetage extérieur | E mm | C mm | H1 / H2 mm | N° art. Schlemmer | N° art. SIB | VE pc. |
|--------------------------------------------------------------------------|---------------------------------|--------------------|---------|---------|---------------|-----------------------|-----------------|------------|
| Art. No. Schlemmer Metal tube | Art. No. SIB Metal tube | External thread | E mm | C mm | H1 / H2 mm | Art. no. Schlemmer | Art. no. SIB | PU pcs. |
| PG, filetage court, type 36 / PG, short thread, Type 36 | | | | | | | | |
| 0000086 | M0006002 | PG 7 | 5,0 | 7,0 | 14,0 / 13,0 | 2003074 | J0006606 | 100 |
| 0000108 | M0007009 | PG 7 | 5,0 | 8,8 | 15,0 / 13,0 | - | J0007603 | 100 |
| 0000116 | M0009003 | PG 9 | 5,0 | 9,6 | 17,0 / 16,0 | 2003090 | J0009607 | 100 |
| 0000140 | M0011006 | PG 11 | 6,0 | 12,6 | 20,0 / 19,0 | 2003112 | J0011600 | 50 |
| 0000167 | M0013000 | PG 13,5 | 6,0 | 14,5 | 22,0 / 21,0 | 2003139 | J0013604 | 50 |
| 0000175 | M0016001 | PG 16 | 6,0 | 15,5 | 24,0 / 23,0 | - | J0016605 | 50 |
| 0000230 | M0021005 | PG 21 | 7,0 | 21,7 | 30,0 / 29,0 | 2003210 | J0021609 | 50 |
| 0000329 | M0029001 | PG 29 | 8,0 | 30,1 | 39,0 / 39,0 | 2003295 | J0029605 | 50 |
| 0000400 | M0036009 | PG 36 | 8,0 | 38,5 | 50,0 / 48,0 | 2003368 | J0036603 | 50 |
| - | M0048002 | PG 48 NFC | 10,0 | 48,2 | 65,0 / 60,0 | - | J0048606 | 25 |
| 0000507 | M0048002 | PG 48 DIN | 10,0 | 48,2 | 65,0 / 60,0 | 2003481 | J0049603 | 25 |
| Métrique, filetage court, type 36 / Metric, short thread, Type 36 | | | | | | | | |
| 0000086 | M0006002 | M 10 x 1,5 | 6,0 | 6,5 | 14,0 / 13,0 | - | J0007610 | 50 |
| 0000108 | M0007009 | M 12 x 1,5 | 6,0 | 8,2 | 15,0 / 13,0 | - | J0009612 | 50 |
| 0000116 | M0009003 | M 16 x 1,5 | 6,0 | 9,6 | 17,0 / 16,0 | 2052016 | J0009616 | 50 |
| 0000140 | M0011006 | M 16 x 1,5 | 6,0 | 11,6 | 20,0 / 19,0 | 2052024 | J0011616 | 50 |
| 0000167 | M0013000 | M 20 x 1,5 | 6,0 | 14,5 | 22,0 / 24,0 | 2052032 | J0013620 | 50 |
| 0000175 | M0016001 | M 20 x 1,5 | 6,0 | 15,5 | 24,0 / 24,0 | - | J0016622 | 50 |
| 0000230 | M0021005 | M 25 x 1,5 | 7,0 | 21,2 | 30,0 / 29,0 | 2052059 | J0021625 | 20 |
| 0000329 | M0029001 | M 32 x 1,5 | 8,0 | 26,5 | 39,0 / 39,0 | 2052067 | J0029632 | 20 |
| 0000400 | M0036009 | M 40 x 1,5 | 8,0 | 35,2 | 50,0 / 48,0 | 2052075 | J0036640 | 20 |
| 0000507 | M0048002 | M 63 x 1,5 | 10,0 | 48,2 | 65,0 / 64,0 | 2052091 | J0048663 | 5 |



**Gaine métallique
revêtue de plastique
MSB-7-APE gaine
Avec gaine PVC**

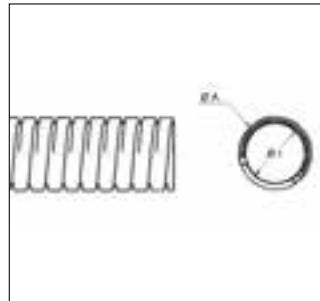
**Metal plastic tube
MSB-7-APE
With PVC sheath**

RoHS

IP 67

EN 45545: R22 HL1 - R23 HL2
Eurailtest DOC030607

NF F 16-101: I3F1
Eurailtest DOC030719



Matériel :

- Acier galvanisé
- Revêtement plastifié noir
- Manchon à visser : polyéthylène

Plage de température :

- Gaine métallique : -25°C à 150°C
- Manchon à visser : -40°C à 80°C

Couleur(s)/Versions :

- Noir
- Manchon à visser métallique sur demande
- Sans halogène
- Livraison du produit en rouleau

Accessoires :

- Série de raccords à vis RACCORD MSB-7-APE
- Série de raccords à vis SV MSB-7-APE



Material:

- Galvanized steel
- Black plastic covered
- Sleeve: polyethylene

Temperature range:

- Metal tube: -25°C to 150°C
- Sleeve: -40°C to 80°C

Color(s)/Designs:

- Black
- Metal sleeve on request
- Free of halogen
- Product delivery as coil

Equipment:

- RAKKORD MSB-7-APE tube gland series
- SV MSB-7-APE tube gland series

| Raccords à vis compatibles | A mm | I mm | Rayon de flexion mm | N° art. Schlemmer gaine métallique | N° art. SIB gaine métallique | N° art. Schlemmer manchon à visser | N° art. SIB manchon à visser | Poids manchon à visser g | VE pc. |
|----------------------------|------|------|---------------------|------------------------------------|------------------------------|------------------------------------|------------------------------|--------------------------|---------|
| Compatible glands | A mm | I mm | Bending radius mm | Art. No. Schlemmer Metal tube | Art. No. SIB Metal tube | Art.-no. Schlemmer Sleeve | Art.-no. SIB Sleeve | Weight Sleeve g | PU pcs. |
| PG 7 / M 12 | 12,6 | 9,6 | 35,0 | - | M0407200 | - | K0707503 | 0,7 | 50 |
| PG 9 / M 16 | 15,4 | 11,4 | 50,0 | - | M0409200 | - | K0709507 | 0,8 | 50 |
| PG 11 / M 16 | 18,8 | 14,2 | 60,0 | - | M0411200 | - | K0711500 | 1,1 | 50 |
| PG 13,5 / M 20 | 20,6 | 16,0 | 60,0 | - | M0413200 | - | K0713504 | 1,5 | 50 |
| PG 16 / M 20 | 22,7 | 18,0 | 70,0 | - | M0416200 | - | K0716505 | 1,7 | 50 |
| PG 21 / M 25 | 28,5 | 23,0 | 85,0 | - | M0421200 | - | K0721509 | 3,5 | 20 |
| PG 29 / M 32 | 37,0 | 31,1 | 110,0 | - | M0429200 | - | K0729505 | 6,7 | 20 |
| PG 36 / M 40 | 47,3 | 40,3 | 140,0 | - | M0436200 | - | K0736503 | 13,3 | 20 |
| PG 48 / M 63 | 60,2 | 51,8 | 180,0 | - | M0448200 | - | K0748506 | 20,3 | 5 |

**Raccord à vis
pour tuyaux flexibles
RACCORD MSB-7-APE**
Pour tube blindé

RoHS IP 54

Matériel :
laiton nickelé

Plage de température :
-60°C a +700°C

Versions :

- Filetage pour tube blindé
- Pour tube blindé 48 DIN sur demande

Domaines d'utilisation :
• Compatible avec les gaines métallo-plastiques MSB-7-APE

**Tube gland
Rakkord MSB-7-APE
PG**



Nr. / No. 30

Nr. / No. 36

Material:
nickel-plated brass

Temperature range:
-60°C to +700°C

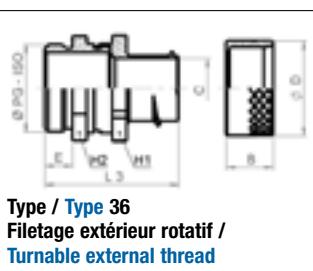
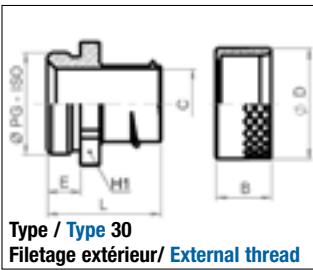
Designs:

- PG thread
- PG 48 DIN on request

Scope of application:

- Compatible with metal plastic tube
MSB-7-APE

| N° art. Schlemmer gaine métallique | N° art. SIB gaine métallique | Filetage extérieur | E mm | C mm | H1 / H2 mm | N° art. Schlemmer | N° art. SIB | VE pc. |
|------------------------------------|------------------------------|--------------------|------|------|-------------|--------------------|--------------|---------|
| Art. No. Schlemmer Metal tube | Art. No. SIB Metal tube | External thread | E mm | C mm | H1 / H2 mm | Art. no. Schlemmer | Art. no. SIB | PU pcs. |
| PG, Typ 30 / PG, type 30 | | | | | | | | |
| - | M0407200 | PG 7 | 5,5 | 7,6 | 15,0 / - | - | J0407007 | 100 |
| - | M0409200 | PG 9 | 5,0 | 9,5 | 17,0 / - | - | J0409001 | 100 |
| - | M0411200 | PG 11 | 6,0 | 12,6 | 20,0 / - | - | J0411004 | 50 |
| - | M0413200 | PG 13 | 6,0 | 14,0 | 22,0 / - | - | J0413008 | 50 |
| - | M0416200 | PG 16 | 6,0 | 16,0 | 24,0 / - | - | J0416009 | 50 |
| - | M0421200 | PG 21 | 7,0 | 21,0 | 30,0 / - | - | J0421003 | 50 |
| - | M0429200 | PG 29 | 8,0 | 27,5 | 39,0 / - | - | J0429009 | 50 |
| - | M0436200 | PG 36 | 8,0 | 39,2 | 50,0 / - | - | J0436007 | 50 |
| - | M0448200 | PG 48 NFC | 10,0 | 49,5 | 65,0 / - | - | J0448000 | 25 |
| PG, Typ 36 / PG, type 36 | | | | | | | | |
| - | M0407200 | PG 7 | 5,5 | 7,6 | 15,0 / 13,0 | - | J0407601 | 100 |
| - | M0409200 | PG 9 | 5,0 | 9,5 | 17,0 / 16,0 | - | J0409605 | 100 |
| - | M0411200 | PG 11 | 6,0 | 12,6 | 20,0 / 19,0 | - | J0411608 | 50 |
| - | M0413200 | PG 13 | 6,0 | 14,0 | 22,0 / 21,0 | - | J0413602 | 50 |
| - | M0416200 | PG 16 | 6,0 | 16,0 | 24,0 / 23,0 | - | J0416603 | 50 |
| - | M0421200 | PG 21 | 7,0 | 21,0 | 30,0 / 29,0 | - | J0421607 | 50 |
| - | M0429200 | PG 29 | 8,0 | 27,5 | 39,0 / 39,0 | - | J0429603 | 50 |
| - | M0436200 | PG 36 | 8,0 | 39,2 | 50,0 / 48,0 | - | J0436601 | 50 |
| - | M0448200 | PG 48 NFC | 10,0 | 49,5 | 65,0 / 60,0 | - | J0448604 | 25 |



**Raccord à vis
pour gaines flexibles
SV MSB-7-APE**
Type 2
Pour tube blindé/métrique
Métal & Plastique

RoHS

IP 54

EN 45545: conforme si le
contenu en plastique < 10g

**Tube
gland
SV MSB-7-APE**
Type 2
PG/Metric
Type 2 – Metal & plastics



Type / Type 2

Matériel :

- 1/2 : Chapeau/Corps du raccord : Laiton nickelé
- 3 : Manchon à visser : polyéthylène

Plage de température :

-40°C à 80°C

Versions :

- Filetage pour tube blindé/métrique
- IP 65 en cas d'utilisation d'un joint plat

Domaines d'utilisation :

- Compatible avec les gaines métallo-plastiques MSB-7-APE

Material:

- 1/2: gland: nickel-plated brass
- 3: sleeve SL: polyethylene

Temperature range:

-40°C to 80°C

Designs:

- PG/metric thread
- IP 65 when using a flat seal

Scope of application:

- Compatible with metal plastic tube MSB-7-APE

| N° art. Schlemmer gaine métallique | N° art. SIB gaine métallique | Filetage | E mm | C mm | H1 / H2 mm | N° art. Schlemmer | N° art. SIB | Poids manchon à visser g | VE pc. |
|------------------------------------------|------------------------------------|----------|---------|---------|---------------|-----------------------|-----------------|--------------------------------|------------|
| Art. No. Schlemmer Metal tube | Art. No. SIB Metal tube | Thread | E mm | C mm | H1 / H2 mm | Art. no. Schlemmer | Art. no. SIB | Weight sleeve g | PU pcs. |

PG, filetage extérieur / PG, external thread

| | | | | | | | | | |
|---|----------|-----------|------|------|-------------|---|----------|------|-----|
| - | M0407200 | PG 7 | 9,0 | 7,5 | 17,0 / 19,0 | - | J0707503 | 0,7 | 100 |
| - | M0409200 | PG 9 | 9,0 | 9,0 | 20,0 / 22,0 | - | J0709507 | 0,8 | 100 |
| - | M0411200 | PG 11 | 10,0 | 12,0 | 24,0 / 26,0 | - | J0711500 | 1,1 | 50 |
| - | M0413200 | PG 13,5 | 10,0 | 14,0 | 26,0 / 28,0 | - | J0713504 | 1,5 | 50 |
| - | M0416200 | PG 16 | 10,0 | 16,0 | 28,0 / 30,0 | - | J0716505 | 1,7 | 50 |
| - | M0421200 | PG 21 | 11,0 | 20,0 | 36,0 / 38,0 | - | J0721509 | 3,5 | 50 |
| - | M0429200 | PG 29 | 11,5 | 27,0 | 46,0 / 48,0 | - | J0729505 | 6,7 | 50 |
| - | M0436200 | PG 36 | 11,5 | 35,0 | 57,0 / 60,0 | - | J0736503 | 13,3 | 50 |
| - | M0448200 | PG 48 NFC | 16,0 | 45,5 | 70,0 / 75,0 | - | J0748506 | 20,3 | 25 |
| - | M0448200 | PG 48 DIN | 16,0 | 45,5 | 70,0 / 75,0 | - | J0749506 | 20,3 | 25 |

Métrique, filetage extérieur / Metric, external thread

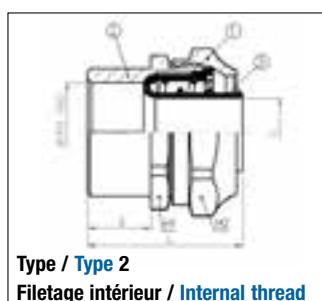
| | | | | | | | | | |
|---|----------|------------|------|------|-------------|---|----------|------|----|
| - | M0407200 | M 12 x 1,5 | 6,0 | 7,5 | 17,0 / 19,0 | - | J0812500 | 0,7 | 50 |
| - | M0409200 | M 16 x 1,5 | 6,0 | 9,0 | 20,0 / 22,0 | - | J0816540 | 0,8 | 50 |
| - | M0411200 | M 16 x 1,5 | 6,0 | 12,0 | 24,0 / 26,0 | - | J0816500 | 1,1 | 50 |
| - | M0413200 | M 20 x 1,5 | 6,0 | 14,0 | 26,0 / 28,0 | - | J0820540 | 1,5 | 50 |
| - | M0416200 | M 20 x 1,5 | 6,0 | 16,0 | 28,0 / 30,0 | - | J0820500 | 1,7 | 50 |
| - | M0421200 | M 25 x 1,5 | 7,0 | 20,0 | 36,0 / 38,0 | - | J0825500 | 3,5 | 20 |
| - | M0429200 | M 32 x 1,5 | 8,0 | 27,0 | 46,0 / 48,0 | - | J0832500 | 6,7 | 20 |
| - | M0436200 | M 40 x 1,5 | 8,0 | 35,0 | 58,0 / 60,0 | - | J0840500 | 13,3 | 20 |
| - | M0448200 | M 63 x 1,5 | 10,0 | 45,5 | 70,0 / 75,0 | - | J0863500 | 20,3 | 5 |

PG, filetage intérieur / PG, internal thread

| | | | | | | | | | |
|---|----------|-----------|------|------|-------------|---|----------|------|-----|
| - | M0407200 | PG 7 | 9,5 | 7,5 | 17,0 / 19,0 | - | J0707530 | 0,7 | 100 |
| - | M0409200 | PG 9 | 10,0 | 9,0 | 20,0 / 22,0 | - | J0709530 | 0,8 | 100 |
| - | M0411200 | PG 11 | 10,5 | 12,0 | 24,0 / 26,0 | - | J0711530 | 1,1 | 50 |
| - | M0413200 | PG 13,5 | 10,5 | 14,0 | 26,0 / 28,0 | - | J0713530 | 1,5 | 50 |
| - | M0416200 | PG 16 | 10,5 | 16,0 | 28,0 / 30,0 | - | J0716530 | 1,7 | 50 |
| - | M0421200 | PG 21 | 11,5 | 20,0 | 36,0 / 38,0 | - | J0721530 | 3,5 | 50 |
| - | M0429200 | PG 29 | 12,0 | 27,0 | 46,0 / 48,0 | - | J0729530 | 6,7 | 50 |
| - | M0436200 | PG 36 | 12,0 | 35,0 | 57,0 / 60,0 | - | J0736530 | 13,3 | 50 |
| - | M0448200 | PG 48 NFC | 16,5 | 45,5 | 70,0 / 75,0 | - | J0748530 | 20,3 | 25 |
| - | M0448200 | PG 48 DIN | 16,5 | 45,5 | 70,0 / 75,0 | - | J0749530 | 20,3 | 25 |

Type / Type 2

Filetage intérieur / Internal thread



**Raccord à vis
pour gaines flexibles
SV MSB-7-APE**
Type 3
Pour tube blindé/métrique
Métal & Plastique

RoHS

IP 65

EN 45545: Conformant
if plastic content is < 10g

**Tube
gland
SV MSB-7-APE**
Type 3
PG/Metric
Metal & plastics



Type / Type 3

Matériel :

- 1/2 : Chapeau/Corps du raccord : Laiton nickelé
- 3 : Joint : Tefabloc
- 4 : Manchon à visser / de mise à la terre : Laiton

Plage de température :

-40°C à 80°C

Versions :

- Pour tube blindé/filetage métrique
- IP 65 en cas d'utilisation d'un joint plat

Domaines d'utilisation :

- Compatible avec les gaines métallo-plastiques MSB-7-APE

Material:

- 1/2: gland: nickel-plated brass
- 3: seal: tefabloc
- 4: threaded earth sleeve: brass

Temperature range:

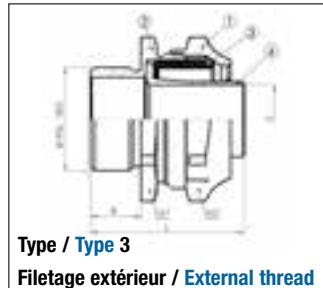
-40°C to 80°C

Designs:

- PG/metric thread
- IP 65 possible when using a flat seal

Scope of application:

- Compatible with metal plastic tube MSB-7-APE



Type / Type 3

Filetage extérieur / External thread

| N° art. Schlemmer gaine métallique | N° art. SIB gaine métallique | Filetage | E mm | C mm | H1 / H2 mm | N° art. Schlemmer | N° art. SIB | Poids plastique g/pc. | VE pc. |
|---------------------------------------|------------------------------------|------------|---------|---------|---------------|-----------------------|-----------------|------------------------------|------------|
| Art. No. Schlemmer Metal tube | Art. No. SIB Metal tube | Thread | E mm | C mm | H1 / H2 mm | Art. no. Schlemmer | Art. no. SIB | Weight plastics g/pes. | PU pes. |
| PG / PG | | | | | | | | | |
| - | M0407200 | PG 7 | 9,0 | 7,5 | 17,0 / 19,0 | - | J0707300 | 0,4 | 100 |
| - | M0409200 | PG 9 | 9,0 | 9,5 | 20,0 / 22,0 | - | J0709300 | 0,9 | 100 |
| - | M0411200 | PG 11 | 10,0 | 12,0 | 24,0 / 26,0 | - | J0711300 | 1,1 | 50 |
| - | M0413200 | PG 13,5 | 10,0 | 14,0 | 26,0 / 28,0 | - | J0713300 | 1,2 | 50 |
| - | M0416200 | PG 16 | 10,0 | 16,0 | 28,0 / 30,0 | - | J0716300 | 1,7 | 50 |
| - | M0421200 | PG 21 | 11,0 | 20,0 | 36,0 / 38,0 | - | J0721300 | 2,4 | 50 |
| - | M0429200 | PG 29 | 11,5 | 27,0 | 46,0 / 48,0 | - | J0729300 | 4,6 | 50 |
| - | M0436200 | PG 36 | 11,5 | 35,0 | 57,0 / 60,0 | - | J0736300 | 7,2 | 50 |
| - | M0448200 | PG 48 NFC | 16,0 | 48,0 | 70,0 / 75,0 | - | J0748310 | 13,3 | 25 |
| - | M0448200 | PG 48 DIN | 16,0 | 48,0 | 70,0 / 75,0 | - | J0749310 | 13,3 | 25 |
| Métrique / Metric | | | | | | | | | |
| - | M0407200 | M 12 x 1,5 | 5,0 | 7,5 | 17,0 / 19,0 | - | J0812300 | 0,4 | 50 |
| - | M0409200 | M 16 x 1,5 | 5,0 | 9,5 | 20,0 / 22,0 | - | J0816340 | 0,9 | 50 |
| - | M0411200 | M 16 x 1,5 | 5,0 | 12,0 | 24,0 / 26,0 | - | J0816300 | 1,1 | 50 |
| - | M0413200 | M 20 x 1,5 | 6,0 | 14,0 | 26,0 / 28,0 | - | J0820340 | 1,2 | 50 |
| - | M0416200 | M 20 x 1,5 | 6,0 | 16,0 | 28,0 / 30,0 | - | J0820300 | 1,7 | 50 |
| - | M0421200 | M 25 x 1,5 | 7,0 | 20,0 | 36,0 / 38,0 | - | J0825300 | 2,4 | 20 |
| - | M0429200 | M 32 x 1,5 | 8,0 | 27,0 | 46,0 / 48,0 | - | J0832300 | 4,6 | 20 |
| - | M0436200 | M 40 x 1,5 | 8,0 | 35,0 | 58,0 / 60,0 | - | J0840300 | 7,2 | 20 |
| - | M0448200 | M 63 x 1,5 | 10,0 | 48,0 | 70,0 / 75,0 | - | J0863340 | 13,3 | 5 |



Index par numéro / Numeric index

| N° art. Schlemmer Item-No. Schlemmer | N° art. SIB Item-No. SIB | Chapitre Chapter | Page Page | N° art. Schlemmer Item-No. Schlemmer | N° art. SIB Item-No. SIB | Chapitre Chapter | Page Page | N° art. Schlemmer Item-No. Schlemmer | N° art. SIB Item-No. SIB | Chapitre Chapter | Page Page |
|-----------------------------------------------|-----------------------------------|---------------------|--------------|-----------------------------------------------|-----------------------------------|---------------------|--------------|-----------------------------------------------|-----------------------------------|---------------------|--------------|
| 0000086 | M0006002 | 4.2 | 47 | 1241010 | - | 4.1 | 43 | 3810113 | - | 4.1 | 44 |
| 0000108 | M0007009 | 4.2 | 47 | 1241013 | - | 4.1 | 43 | 3810116 | - | 4.1 | 44 |
| 0000116 | M0009003 | 4.2 | 47 | 1241017 | - | 4.1 | 43 | 3810121 | - | 4.1 | 44 |
| 0000140 | M0011006 | 4.2 | 47 | 1241023 | - | 4.1 | 43 | 3810129 | - | 4.1 | 44 |
| 0000167 | M0013000 | 4.2 | 47 | 1241024 | - | 4.1 | 43 | 3810136 | - | 4.1 | 44 |
| 0000175 | M0016001 | 4.2 | 47 | 1241029 | - | 4.1 | 43 | 3810148 | - | 4.1 | 44 |
| 0000230 | M0021005 | 4.2 | 47 | 1241030 | - | 4.1 | 43 | 3810209 | - | 4.1 | 44 |
| 0000329 | M0029001 | 4.2 | 47 | 1241037 | - | 4.1 | 43 | 3810211 | - | 4.1 | 44 |
| 0000400 | M0036009 | 4.2 | 47 | 1241038 | - | 4.1 | 43 | 3810213 | - | 4.1 | 44 |
| 0000507 | M0048002 | 4.2 | 47 | 1241050 | - | 4.1 | 43 | 3810216 | - | 4.1 | 44 |
| 1203070 | - | 4.1 | 41 | 1241051 | - | 4.1 | 43 | 3810221 | - | 4.1 | 44 |
| 1203089 | - | 4.1 | 41 | 1241110 | - | 4.1 | 43 | 3810229 | - | 4.1 | 44 |
| 1203100 | - | 4.1 | 41 | 1241113 | - | 4.1 | 43 | 3810236 | - | 4.1 | 44 |
| 1203126 | - | 4.1 | 41 | 1241117 | - | 4.1 | 43 | 3810248 | - | 4.1 | 44 |
| 1203134 | - | 4.1 | 41 | 1241123 | - | 4.1 | 43 | 3810316 | - | 4.1 | 44 |
| 1203177 | - | 4.1 | 41 | 1241129 | - | 4.1 | 43 | 3810317 | - | 4.1 | 44 |
| 1203223 | - | 4.1 | 41 | 1241137 | - | 4.1 | 43 | 3810320 | - | 4.1 | 44 |
| 1203231 | - | 4.1 | 41 | 1241150 | - | 4.1 | 43 | 3810321 | - | 4.1 | 44 |
| 1203290 | - | 4.1 | 41 | 2000075 | J0006002 | 4.2 | 48 | 3810322 | - | 4.1 | 44 |
| 1203371 | - | 4.1 | 41 | 2000091 | J0009003 | 4.2 | 48 | 3810325 | - | 4.1 | 44 |
| 1203509 | - | 4.1 | 41 | 2000113 | J0011006 | 4.2 | 48 | 3810326 | - | 4.1 | 44 |
| 1203520 | - | 4.1 | 41 | 2000130 | J0013000 | 4.2 | 48 | 3810332 | - | 4.1 | 44 |
| 1203521 | - | 4.1 | 41 | 2000210 | J0021005 | 4.2 | 48 | 3810333 | - | 4.1 | 44 |
| 1203522 | - | 4.1 | 41 | 2000296 | J0029001 | 4.2 | 48 | 3810340 | - | 4.1 | 44 |
| 1203523 | - | 4.1 | 41 | 2000369 | J0036009 | 4.2 | 48 | 3810341 | - | 4.1 | 44 |
| 1203524 | - | 4.1 | 41 | 2000482 | J0049009 | 4.2 | 48 | 3810350 | - | 4.1 | 44 |
| 1203525 | - | 4.1 | 41 | 2001071 | J0006101 | 4.2 | 48 | 3810351 | - | 4.1 | 44 |
| 1203526 | - | 4.1 | 41 | 2001098 | J0009102 | 4.2 | 48 | 3810363 | - | 4.1 | 44 |
| 1203527 | - | 4.1 | 41 | 2001110 | J0011105 | 4.2 | 48 | 3810416 | - | 4.1 | 44 |
| 1203529 | - | 4.1 | 41 | 2001136 | J0013109 | 4.2 | 48 | 3810417 | - | 4.1 | 44 |
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| 1206003 | - | 4.1 | 41 | 2001292 | J0029100 | 4.2 | 48 | 3810421 | - | 4.1 | 44 |
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CONDITIONS GENERALES DE VENTE SIB

1. Dispositions Générales

Les prix et renseignements portés sur les catalogues, prospectus et tarifs ne sont donnés qu'à titre indicatif, le vendeur se réservant le droit d'apporter toute révision de disposition, de formes, de dimensions ou de matière à ses dispositifs, ensembles de machines, machines et composants de machines dont les estampes et descriptions figurent sur ses imprimés à titre de publicité.

La fourniture comprend précisément et uniquement le matériel ou l'équipement spécifié sur le devis, l'acceptation des offres implique aussi l'adhésion aux présentes conditions.

Le contrat de vente, même en cas de devis ou d'offres, n'est parfait que sous réserve d'acceptation express, par le vendeur, de la commande de l'acheteur. Les poids donnés au devis ou marché ne sont qu'à titre indicatif, ils ne peuvent en aucun cas être la cause de réclamations ou réductions de prix quand le matériel est vendu à forfait.

2. Livraison et Prix

Sauf stipulation contraire, la livraison est réputée effectuée dans les usines ou magasins du vendeur. Les prix s'entendent hors taxes pour matériel en usine ou magasin du vendeur.

La livraison est effectuée, soit par la remise directe au client, soit par simple avis de mise à disposition, soit par la livraison dans les usines ou magasins du vendeur à un expéditeur ou transporteur désigné par le client ou, à défaut de cette désignation, choisi par le vendeur.

Le principe de la livraison dans les usines ou magasins du vendeur ne saurait subir de dérogation par le fait d'indications telles que remise franco à domicile, en gare, à quai ou remboursement des frais de transport totaux ou partiels. Si l'expédition est retardée pour une cause quelconque, indépendante de la volonté du vendeur, et que ce dernier y consent, le matériel est stocké et manutentionné, s'il y a lieu, aux frais et risques de l'acheteur, le vendeur déclinant toute responsabilité subséquente à cet égard.

Ces dispositions ne modifient en rien les obligations de paiement de la fourniture et ne constituent aucune novation. Les prix de vente sont ceux du tarif en vigueur à la date de livraison. Ces prix constituent les bases de facturation à la date de livraison.

3. Emballage

Les emballages sont toujours dus par le client et ne sont pas repris par le vendeur, sauf stipulation contraire. En l'absence d'indication spéciale à ce sujet, l'emballage est préparé par le vendeur qui agit au mieux des intérêts du client. Les quantités par article sont livrables uniquement sur la base des colisages indiqués dans ce tarif.

4. Délais

Les délais contractuels figurent sur nos accusés de réception de commande, la date indiquée étant départ usine et est donnée à titre indicatif. Les retards éventuels ne peuvent donner lieu à l'annulation de la commande. Aucune pénalité, aucun dommage et intérêt ne pourront être réclamés au vendeur. Le vendeur est également libéré, de plein droit, de tout engagement relatif aux délais de livraison si les conditions de paiement n'ont pas été observées par l'acheteur ou en présence d'un cas de force majeure et d'événements particuliers tels que : pandémie, guerre, réquisition, incendie, inondation, fermeture d'une entreprise, grèves, casses d'outillage, rebut de pièces importantes en cours de fabrication, interruption ou retard dans les transports ou toute autre cause amenant un chômage total ou partiel pour le vendeur ou ses fournisseurs. Le vendeur informera, en temps utile, des cas ou événements de ce genre.

5. Conditions de transport

Pour la France métropolitaine, la livraison franco de port est accordée pour toute commande d'un montant net hors taxe de 500 € livrable en une seule fois et à une seule adresse.

Pour la Corse, la livraison franco de port est accordée pour toute commande d'un montant net hors taxes de 1000 € livrable en une seule fois et à une seule adresse. Pour les DOM-TOM, les prix sont donnés départ usine.

Les express sont à la charge de l'acheteur, quelle que soit la valeur de la commande. Pour la France : majoration de 45 € H.T. pour frais administratifs pour toute commande inférieure à 150 € H.T.

À l'exportation : majoration de 60 € H.T. pour frais administratifs pour toute commande inférieure à 150 € H.T.

Pour toute livraison sur chantier hors Paris (dépt 75), un forfait de 100 € H.T. sera appliqué quel que soit le montant de la commande.

Pour toute livraison sur chantier à Paris (dépt 75), un forfait de 125 € H.T. sera appliqué quel que soit le montant de la commande.

6. Retours

Aucun retour de marchandise n'est accepté sauf en cas d'une erreur de livraison ou d'un produit défectueux du fait du vendeur.

Tout retour, doit faire l'objet d'une demande écrite de l'acheteur au vendeur. Tout retour accepté fera l'objet d'un écrit du vendeur à l'acheteur. Cet écrit précisera les conditions du retour, et en particulier, le taux de l'abattement. Un taux minimum de 10% sera appliquée sur le montant facturé net hors taxes pour des retours de marchandises dont la vente a eu lieu il y a moins d'un mois.

7. Conditions de paiement

Les paiements sont exigibles à l'enlèvement du matériel ou avant l'expédition, à moins qu'un compte n'ait été au préalable ouvert, après production de références, le délai de paiement ne peut dépasser 45 jours fin de mois ou 60 jours (nets) conformément aux lois en vigueur.

La facture mentionne la date à laquelle le paiement doit intervenir : les paiements sont faits au domicile du vendeur.

Pour le calcul du décompte du délai de 45 jours fin de mois, il consiste à ajouter 45 jours à la date d'émission de la facture et la limite de paiement intervenant à la fin du mois au cours duquel expirent ces 45 jours.

Ex : si la facture est datée du 28 janvier 2011, le paiement doit intervenir au plus tard le 31 mars 2011.

En cas de désaccord sur le mode de calcul de l'échéance, le délai légal s'applique par défaut, soit 30 jours après la date de la livraison ou de la prestation.

Tout retard de paiement fera l'objet de pénalités de retard au taux de 3 fois le taux de l'intérêt légal, ainsi que d'une indemnité forfaitaire de frais de recouvrement de 40 euros (loi n°2012-387 du 22 mars 2012 - décret d'application n°2012-1115 du 2 octobre 2012).

Si les frais de recouvrement venaient à dépasser le montant de l'indemnité forfaitaire, le créancier pourra demander sur justification une indemnisation complémentaire. Les dates de paiement convenues ne peuvent être retardées sous quelque prétexte que ce soit, y compris en cas de litige.

8. Garantie

Le vendeur s'engage à remédier à tout vice de fonctionnement provenant d'un défaut dans la conception, les matières ou l'exécution, y compris du montage si cette opération lui est confiée, dans la limite des dispositions définies par le vendeur. L'obligation du vendeur ne s'applique pas en cas de vice provenant soit de matières fournies par l'acheteur, soit d'une conception imposée par celui-ci, soit d'une mauvaise adéquation produit/utilisation pratiquée par le client utilisateur sachant que le client revendeur est toujours responsable des conseils qu'il prodigue à ses clients, le vendeur pouvant lui amener une assistance à titre indicatif. Toute garantie est aussi exclue pour des incidents tenant à des cas fortuits ou de force majeure ainsi que pour les remplacements ou les réparations qui résulteraient de l'usure normale du matériel, de détériorations ou d'accidents provenant de négligence, défaut de surveillance ou d'entretien et d'utilisation défectueuse de ce matériel. Les produits du vendeur sont fabriqués pour fonctionner dans les conditions standards définies dans les documents techniques.

Toute utilisation hors de ces conditions engageant la seule responsabilité du client revendeur et du client utilisateur. Sauf stipulation particulière, la garantie ne s'applique qu'aux vices qui se seront manifestés pendant une période de deux ans à compter de la livraison des produits par le vendeur.

Les pièces de remplacement ou les pièces refaites sont garanties dans les mêmes termes et conditions que le matériel d'origine et pour une nouvelle période égale à celle définie ci-dessus. Cette disposition ne s'applique pas aux autres pièces du matériel dont la période de garantie est prorogée seulement d'une durée égale à celle pendant laquelle le matériel a été immobilisé.

Dans tous les cas, la garantie se limite à la fourniture d'un produit de remplacement, ou remboursement intégral du produit incriminé à l'exclusion de tous autres frais, charges ou indemnités.

9. Réserve de propriété

Le vendeur conserve la propriété des biens vendus jusqu'au paiement effectif de l'intégralité du prix en principal et accessoires (Loi N°80-335 du 12.05.1980).

Le défaut de paiement de l'une ou quelconque des échéances pourra entraîner la revendication de ces biens.

Toute erreur pouvant se glisser dans cet imprimé malgré tous les soins apportés à sa réalisation, ne saurait engager la responsabilité de SIB ni celle de ses prestataires.

RoHS : Tous nos produits sont conformes.

DEEE : Nos produits sont hors du champ d'application de cette directive.

Sales and Delivery Terms and Conditions

1. General provisions

Prices and information which are provided in catalogues, leaflets and pricelists are non-binding as the seller reserves the right to review the arrangement, the shape, the dimensions or materials of its equipment, its set of machines, machines and machine components which prints and descriptions of are featured in its advertising documents.

The supply includes exactly and only the equipment specified in the quotation and the acceptance of offers also implies compliance with the terms and conditions here in.

The contract is only concluded after the seller's express acceptance of the purchase order, regardless of whether a quotation or an offer has been submitted.

The weights given on quotation or marketing material are for informational purposes only and cannot under any circumstances be grounds for claims or reductions if material is sold at a flat rate.

2. Delivery and prices

Unless otherwise stated, all deliveries are deemed to be from the seller's factories or warehouses. For materials at the seller's factory or warehouse, prices exclude taxes.

The delivery is either made by providing the goods directly to the customer, by sending a notice of availability, by delivering it to a specified forwarding agent or carrier at the seller's factories or warehouses. If the buyer does not specify a forwarding agent or carrier, the seller will appoint one.

Unless agreed otherwise, we reserve the right to opt for a split shipment to deliver our equipment. The principle of delivery to the seller's factories or warehouses cannot be subject to an exception on the basis that there are details such as free delivery at home, on station, on platform or a reimbursement of the total or the partial amount of transport costs.

If, for any reason which is beyond the seller's control the shipment is delayed and the seller agrees to it, the material is stored and handled if necessary, at the expenses and risks of the buyer, as the seller disclaim any further responsibilities in this respect.

These provisions shall not modify the obligations to pay for the supplies and do not constitute a novation in any case. The selling prices are those which are valid on the day of delivery. These prices serve as a basis for invoicing at the date of delivery.

3. Packaging

Packaging must be paid for by the customer and will not be recovered by the seller unless otherwise stipulated. If not specified otherwise, the packaging is prepared by the seller in the customer's best interest. The quantity by type of product shall only be delivered in the packing indicated in the price list. NIMP15 pallets will be charged and the packaging and the cost of packaging will not be recovered.

4. Delivery times

The contractual delivery times are indicated on our acknowledgements of receipt of invoice with the ex-work date being indicative. A delay in delivery neither gives the right to cancel the order, nor does it give the right to claim penalties or compensations.

Also, in his own right, the seller is relieved from any undertakings regarding late penalties if the buyer has not complied with the payment conditions specified, or if the delay is due to a case of a force majeure or exceptional circumstances and/or events, such as: epidemics, war, requisition, fire, floods, lock-out, strikes, tool-breakages, large scale scrapping of parts which are important in the manufacturing process, break-down or delay in transport or any other causes leading to a total or partial lay-off for the seller or the seller's suppliers. The seller shall inform in a timely manner about such circumstances and/or events.

5. Terms of transport

France:

As for metropolitan France, delivery is free of charge for any order of € 500 excluding taxes and which can be delivered in one go at one address.

As for Corsica, the delivery is free of charge for any order of € 1000 excluding taxes and which can be delivered on one go at one address. As for Overseas Departments and Territories of France, the prices given are ex factory.

Express courier fees are charged to the buyer regardless of the amount of the order.

As for France, for any order below € 150 excluding taxes, an administrative fee of € 45 excluding taxes will be charged.

For any on-site delivery outside Paris (dept. 75), a fee of € 100 excluding taxes will be charged regardless of the amount of the order.

For any on-site delivery inside Paris (dept. 75), a fee of € 125 excluding taxes will be charged regardless of the amount of the order.

Export:

For export sales, an administration fee of € 60 excluding taxes will be charged for any order below € 100 excluding taxes.

Incoterms:

Delivery terms as outlined in our agreement (EXW, FCA, CPT, DDP...) comply with and refer to the INCOTERMS of the International Chamber of Commerce.

Upon delivery to the specified destination, we shall not be responsible in the event of loss, theft or damage to the goods.

6. Returns

Return of goods can only be accepted in case of a delivery error or in case the delivered product is defective. For any return, the buyer shall forward a written return notification to the seller. In case the return is accepted, the seller shall forward a written notice to the buyer. The seller's written notice shall elaborate return conditions and shall include the corresponding discount rate. A discount rate of at least 10% will be applied to the invoiced amount excluding taxes for any goods which have been sold in a period of less than three months.

7. Payment conditions

Unless an account has been opened beforehand after producing references, payment is due by the time of collection or before shipment of material, with a payment period which shall not exceed forty-five (45) days month end, or sixty (60) days in accordance with applicable law.

The invoice states the date by which payment is due; payments are made at the seller's residence.

The payment period of 45 days on month end starts on the day the invoice has been issued, with payment due by the end of the month within which the period of 45 days expires.

For instance: if the invoice is dated 28 January 2011, payment must be made no later than 31 March 2011. In case of a disagreement regarding the methodology applied to calculate the payment deadline, the legal deadline applies instead, with a payment period which shall not exceed 30 days after the day of delivery or of service provided.

Any delay in payment will result in a delay penalty with an interest rate three times higher than the legal interest rate and a fixed compensation for recovery costs amounting to € 40 (Law n° 2012-387 of 22 March 2012 – application decree n°2012-1115 of 2 October 2012).

If the recovery costs were to be in excess of the fixed compensation, the creditor may request a supplementary compensation. Agreed payment dates may not be delayed for any reason, including in the event of litigation.

8. Warranty

Within the limits of the provisions specified by the seller, the latter agrees to remedy such defects due to faulty design, materials or execution including assembly, if the seller has been entrusted with that task.

The obligation of the seller may not be enforced if defects are caused by materials supplied by the buyer or by a design of the latter or if the defect is caused by an improper use of the product on the client user side. Bearing in mind, that a reseller is always responsible for the advice given to his customers, the seller may offer assistance on an indicative basis only. Any warranty is also excluded for incidents arising from unforeseeable circumstances or "force majeure", replacements or reparations rendered necessary by normal wear, deterioration or accidents caused by negligence, by misuse or by insufficient supervision or maintenance.

The seller's products are built to operate in standard conditions laid out in the technical data sheets.

Resellers or client users bear full responsibility for any use which not complying with the aforementioned conditions. Unless specially stipulated, the warranty only applies to defects occurring within a two-year period starting at the date of the seller's delivery.

Spare parts and remanufactured parts are warranted under the same terms and conditions as the original material and for the same period detailed above.

This provision does not apply to those parts which the warranty period of can only be extended to a duration equal to the period during which the equipment was immobilized.

In any case, warranty is limited to the supply of spare parts, or a full reimbursement of the corresponding product, excluding any fees, charges, or compensations.

9. Retention of title

The seller shall retain title over all goods until completely paid for, including principal and accessory (Law N°80-335 of 12 May 1980). Defaulting payment on any due date whatsoever may entail a claim for the return of the seller's goods.



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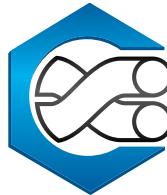
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