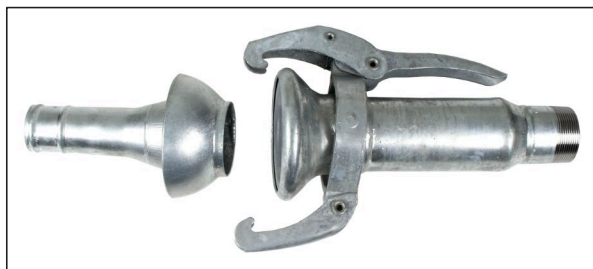


Złącza dźwigniowe LAUX 42



Złącza dźwigniowe LAUX 42

Szwedzkiej produkcji złącza dźwigniowe LAUX 42

Materiał: stal ocynkowana, aluminium, stal AISI 316L

Ciśn. robocze: 12,5 bar (płynny), 8 bar (powietrze)
szczelność na podciśnienie

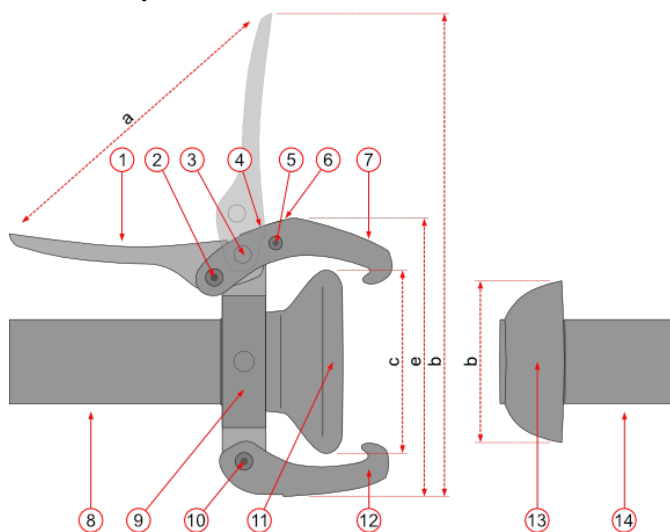
Temp. pracy: od -50°C do +120°C (EPDM – standard)
od -40°C do +100°C (NBR - opcja)
od -30°C do +250°C (viton - opcja)
od -70°C do +250°C (silikon - opcja)

Wysokiej jakości, produkcji szwedzkiej, złącza dźwigniowe LAUX 42 to szeroka gama złączy do szybkiego i bezpiecznego łączenia przewodów miękkich oraz rurowych z instalacją. Zachowują szczelność na podciśnienie i umożliwiają odchylenie kątowe (10-15°) w zależności od rozmiaru złącza.

Ze względu na prostą, mocną i niezawodną konstrukcję znajdują bardzo szerokie zastosowanie np.:

- w przemyśle chemicznym i papierniczym jako złącza rozładunkowe,
- jako wyposażenie samochodów asenizacyjnych,
- do przesyłu i rozładunku materiałów sypkich (ziarna, mąki, paszy, granulatów, cementu, minerałów),
- do budowy tymczasowych instalacji wodnych i powietrznych w budownictwie, górnictwie, rolnictwie, itp.,
- do pomp ciśnieniowych i podciśnieniowych,
- do systemów nawadniających.

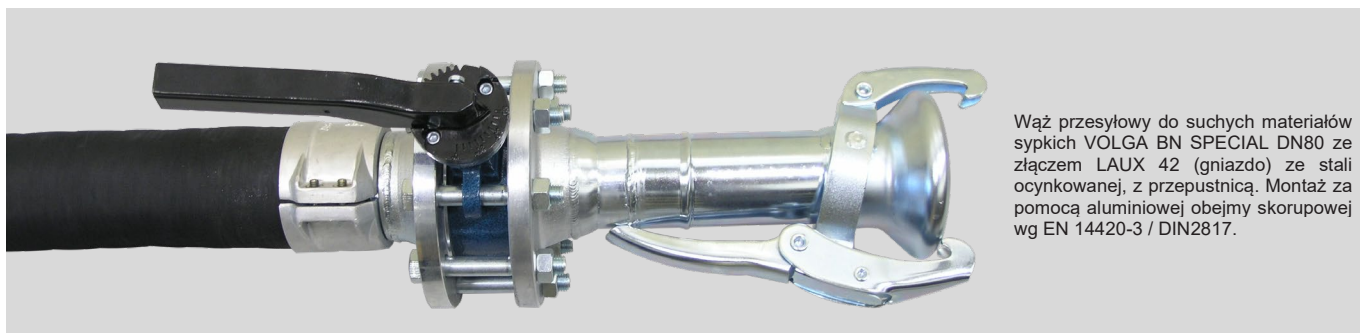
BUDOWA ZŁĄCZA LAUX 42



| rozmiar złącza | wymiar [mm] | | | | |
|----------------|-------------|-----|-----|-----|-----|
| | a | b | c | d | e |
| 38 | 186 | 230 | 72 | 67 | 105 |
| 48 | 240 | 295 | 104 | 100 | 155 |
| 60 | 240 | 305 | 115 | 109 | 165 |
| 76 | 285 | 360 | 135 | 129 | 205 |
| 102 | 285 | 380 | 162 | 158 | 235 |
| 133 | 380 | 490 | 193 | 179 | 295 |
| 152 | 380 | 590 | 218 | 200 | 315 |
| 204* | 380 | 550 | 286 | 278 | 380 |

* - gniazdo posiada trzy haki

- | | | |
|---------------------|-----------------------|----------------------|
| 1. dźwignia | 5. nit zatrzasku | 9. pierścień |
| 2. nit haka dolnego | 6. sprężyna zatrzasku | 10. nit haka dolnego |
| 3. nit haka górnego | 7. hak górny | 11. gniazdo |
| 4. zatrzask | 8. rura | 12. hak dolny |
| | | 13. wtyk |
| | | 14. rura |



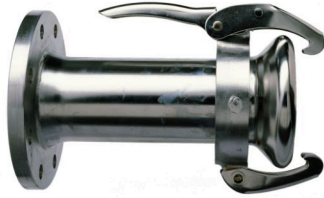

Wąż przesyłowy do suchych materiałów sypkich VOLGA BN SPECIAL DN80 ze złączem LAUX 42 (gniazdo) ze stali ocynkowanej, z przepustnicą. Montaż za pomocą aluminiowej obejmy skorupowej wg EN 14420-3 / DIN2817.

Złącza dźwigniowe LAUX 42

| rozmiar | | Gniazdo z końcówką do węża | | | Wtyk z końcówką do węża | | |
|----------------|--------------|---|--------------------|-------------------------|---|--------------------|-------------------------|
| | |  | | |  | | |
| przyłącze [mm] | króciec [mm] | indeks (stal ocynkowana) | indeks (aluminium) | indeks (stal AISI 316L) | indeks (stal ocynkowana) | indeks (aluminium) | indeks (stal AISI 316L) |
| 38 | 32 | - | - | TF-KMS-038-032-SS | - | - | TF-KVS-038-032-SS |
| 38 | 40 | TF-KMS-038-040 | - | TF-KMS-038-040-SS | TF-KVS-038-040 | - | TF-KVS-038-040-SS |
| 48 | 40 | TF-KMS-048-040 | - | TF-KMS-048-040-SS | TF-KVS-048-040 | - | TF-KVS-048-040-SS |
| 48 | 50 | TF-KMS-048-050 | TF-KMS-048-050-AL | TF-KMS-048-050-SS | TF-KVS-048-050 | TF-KVS-048-050-AL | TF-KVS-048-050-SS |
| 48 | 65 | - | - | TF-KMS-048-065-SS | - | - | TF-KVS-048-065-SS |
| 76 | 50 | TF-KMS-076-050 | - | TF-KMS-076-050-SS | TF-KVS-076-050 | - | TF-KVS-076-050-SS |
| 76 | 65 | TF-KMS-076-065 | TF-KMS-076-065-AL | TF-KMS-076-065-SS | TF-KVS-076-065 | TF-KVS-076-065-AL | TF-KVS-076-065-SS |
| 76 | 75 | TF-KMS-076-075 | TF-KMS-076-075-AL | TF-KMS-076-075-SS | TF-KVS-076-075 | TF-KVS-076-075-AL | TF-KVS-076-075-SS |
| 76 | 80 | TF-KMS-076-080 | TF-KMS-076-080-AL | TF-KMS-076-080-SS | TF-KVS-076-080 | TF-KVS-076-080-AL | TF-KVS-076-080-SS |
| 102 | 75 | TF-KMS-102-075 | - | - | TF-KVS-102-075 | TF-KVS-102-075-AL | - |
| 102 | 80 | TF-KMS-102-080 | TF-KMS-102-080-AL | - | TF-KVS-102-080 | TF-KVS-102-080-AL | - |
| 102 | 90 | TF-KMS-102-090 | - | - | TF-KVS-102-090 | - | - |
| 102 | 100 | TF-KMS-102-100 | TF-KMS-102-100-AL | TF-KMS-102-100-SS | TF-KVS-102-100 | TF-KVS-102-100-AL | TF-KVS-102-100-SS |
| 133 | 125 | TF-KMS-133-125 | TF-KMS-133-125-AL | TF-KMS-133-125-SS | TF-KVS-133-125 | TF-KVS-133-125-AL | TF-KVS-133-125-SS |
| 152 | 150 | TF-KMS-152-150 | TF-KMS-152-150-AL | TF-KMS-152-150-SS | TF-KVS-152-150 | TF-KVS-152-150-AL | TF-KVS-152-150-SS |
| 204 | 200 | TF-KMS-204-200 | - | TF-KMS-204-200-SS | TF-KVS-204-200 | - | TF-KVS-204-200-SS |

| rozmiar | | Gniazdo z gwintem zewnętrznym BSP | | | Wtyk z gwintem zewnętrznym BSP | | |
|----------------|-------------|---|--------------------|-------------------------|---|--------------------|-------------------------|
| | |  | | |  | | |
| przyłącze [mm] | gwint [cal] | indeks (stal ocynkowana) | indeks (aluminium) | indeks (stal AISI 316L) | indeks (stal ocynkowana) | indeks (aluminium) | indeks (stal AISI 316L) |
| 38 | 1.1/4" | TF-KMG-038-125 | - | TF-KMG-038-125-SS | TF-KVG-038-125 | - | TF-KVG-038-125-SS |
| 38 | 1.1/2" | TF-KMG-038-150 | - | TF-KMG-038-150-SS | TF-KVG-038-150 | - | TF-KVG-038-150-SS |
| 48 | 1.1/2" | TF-KMG-048-150 | TF-KMG-048-150-AL | TF-KMG-048-150-SS | TF-KVG-048-150 | TF-KVG-048-150-AL | TF-KVG-048-150-SS |
| 48 | 2" | TF-KMG-048-200 | TF-KMG-048-200-AL | TF-KMG-048-200-SS | TF-KVG-048-200 | TF-KVG-048-200-AL | TF-KVG-048-200-SS |
| 76 | 2" | TF-KMG-076-200 | TF-KMG-076-200-AL | TF-KMG-076-200-SS | TF-KVG-076-200 | TF-KVG-076-200-AL | TF-KVG-076-200-SS |
| 76 | 2.1/2" | TF-KMG-076-250 | TF-KMG-076-250-AL | TF-KMG-076-250-SS | TF-KVG-076-250 | TF-KVG-076-250-AL | TF-KVG-076-250-SS |
| 76 | 3" | TF-KMG-076-300 | TF-KMG-076-300-AL | TF-KMG-076-300-SS | TF-KVG-076-300 | TF-KVG-076-300-AL | TF-KVG-076-300-SS |
| 102 | 3" | TF-KMG-102-300 | TF-KMG-102-300-AL | TF-KMG-102-300-SS | TF-KVG-102-300 | TF-KVG-102-300-AL | TF-KVG-102-300-SS |
| 102 | 4" | TF-KMG-102-400 | TF-KMG-102-400-AL | TF-KMG-102-400-SS | TF-KVG-102-400 | TF-KVG-102-400-AL | TF-KVG-102-400-SS |
| 133 | 5" | TF-KMG-133-500 | - | TF-KMG-133-500-SS | TF-KVG-133-500 | - | TF-KVG-133-500-SS |
| 152 | 4" | - | TF-KMG-152-400-AL | - | - | - | - |
| 152 | 6" | TF-KMG-152-600 | - | TF-KMG-152-600-SS | TF-KVG-152-600 | - | TF-KVG-152-600-SS |

Złącza dźwigniowe LAUX 42

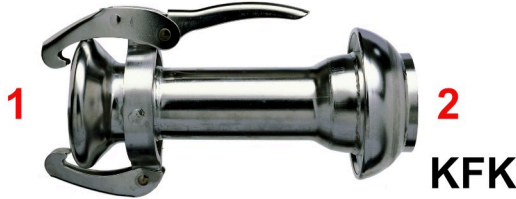

| rozmiar | | Gniazdo z kołnierzem DIN PN10/16 | | | Wtyk z kołnierzem DIN PN10/16 | | |
|----------------|---------------|---|--------------------|-------------------------|---|--------------------|-------------------------|
| | |  KE | | |  KF | | |
| przyłącze [mm] | DN kołn. [mm] | indeks (stal ocynkowana) | indeks (aluminium) | indeks (stal AISI 316L) | indeks (stal ocynkowana) | indeks (aluminium) | indeks (stal AISI 316L) |
| 48 | 40 | - | - | TF-KE-048-040-SS | TF-KF-048-040 | - | TF-KF-048-040-SS |
| 48 | 50 | TF-KE-048-050 | - | TF-KE-048-050-SS | TF-KF-048-050 | - | TF-KF-048-050-SS |
| 76 | 50 | TF-KE-076-050 | - | TF-KE-076-050-SS | TF-KF-076-050 | - | TF-KF-076-050-SS |
| 76 | 65 | TF-KE-076-065 | - | TF-KE-076-065-SS | TF-KF-076-065 | - | TF-KF-076-065-SS |
| 76 | 80 | TF-KE-076-080 | - | TF-KE-076-080-SS | TF-KF-076-080 | - | TF-KF-076-080-SS |
| 102 | 100 | TF-KE-102-100 | - | TF-KE-102-100-SS | TF-KF-102-100 | - | TF-KF-102-100-SS |
| 133 | 125 | TF-KE-133-125 | - | TF-KE-133-125-SS | TF-KF-133-125 | - | TF-KF-133-125-SS |
| 152 | 150 | TF-KE-152-150 | - | TF-KE-152-150-SS | TF-KF-152-150 | - | TF-KF-152-150-SS |
| 204 | 200 | TF-KE-204-200* | - | - | TF-KF-204-200* | - | TF-KF-204-200-SS* |

* - kołnierz DIN PN10



| rozmiar | | Gniazdo z króćcem do dospawania | | | Wtyk z króćcem do dospawania | | |
|----------------|--------------|--|--------------------|-------------------------|--|--------------------|-------------------------|
| | |  KKM | | |  KKV | | |
| przyłącze [mm] | króciec [mm] | indeks* (stal ocynkowana) | indeks (aluminium) | indeks (stal AISI 316L) | indeks* (stal ocynkowana) | indeks (aluminium) | indeks (stal AISI 316L) |
| 38 | 38 | TF-KKM-038-038* | - | TF-KKM-038-038-SS | TF-KKV-038-038* | - | TF-KKV-038-038-SS |
| 48 | 50 | TF-KKM-048-050* | TF-KKM-048-050-AL | - | TF-KKV-048-050* | TF-KKV-048-050-AL | - |
| 48 | 51 | - | - | TF-KKM-048-051-SS | - | - | TF-KKV-048-051-SS |
| 48 | 60 | TF-KKM-048-060* | - | TF-KKM-048-060-SS | TF-KKV-048-060* | - | TF-KKV-048-060-SS |
| 76 | 60 | TF-KKM-076-060* | - | TF-KKM-076-060-SS | TF-KKV-076-060* | - | TF-KKV-076-060-SS |
| 76 | 76 | TF-KKM-076-076* | TF-KKM-076-076-AL | TF-KKM-076-076-SS | TF-KKV-076-076* | TF-KKV-076-076-AL | TF-KKV-076-076-SS |
| 76 | 84 | - | - | TF-KKM-076-084-SS | - | - | TF-KKV-076-084-SS |
| 76 | 89 | TF-KKM-076-089* | - | TF-KKM-076-089-SS | TF-KKV-076-089* | - | TF-KKV-076-089-SS |
| 102 | 102 | TF-KKM-102-102* | TF-KKM-102-102-AL | - | TF-KKV-102-102* | TF-KKV-102-102-AL | - |
| 102 | 103 | - | - | TF-KKM-102-103-SS | - | - | TF-KKV-102-103-SS |
| 102 | 114 | TF-KKM-102-114* | - | TF-KKM-102-114-SS | TF-KKV-102-114* | - | TF-KKV-102-114-SS |
| 133 | 127 | - | TF-KKM-133-127-AL | - | - | TF-KKV-133-127-AL | - |
| 133 | 129 | - | - | TF-KKM-133-129-SS | - | - | TF-KKV-133-129-SS |
| 133 | 133 | TF-KKM-133-133* | - | - | TF-KKV-133-133* | - | - |
| 133 | 139 | TF-KKM-133-139* | - | TF-KKM-133-139-SS | TF-KKV-133-139* | - | TF-KKV-133-139-SS |
| 152 | 152 | TF-KKM-152-152* | TF-KKM-152-152-AL | - | TF-KKV-152-152* | TF-KKV-152-152-AL | - |
| 152 | 154 | - | - | TF-KKM-152-154-SS | - | - | TF-KKV-152-154-SS |
| 152 | 168 | TF-KKM-152-168* | - | TF-KKM-152-168-SS | TF-KKV-152-168* | - | TF-KKV-152-168-SS |
| 204 | 204 | TF-KKM-204-204* | - | TF-KKM-204-204-SS | TF-KKV-204-204* | - | TF-KKV-204-204-SS |
| 204 | 219 | TF-KKM-204-219 | - | - | TF-KKV-204-219 | - | - |

* - dostępne również w wykonaniu ze stali czarnej, przykładowy indeks: TF-KKM-102-102-BS



Złącza dźwigniowe LAUX 42


| rozmiar | | Łącznik redukcyjny gniazdo / wtyk | | | Łącznik redukcyjny wtyk / gniazdo | | |
|------------------|------------------|---|--------------------|-------------------------|--|--------------------|-------------------------|
| | |  | | |  | | |
| przylącze 1 [mm] | przylącze 2 [mm] | indeks (stal ocynkowana) | indeks (aluminium) | indeks (stal AISI 316L) | indeks (stal ocynkowana) | indeks (aluminium) | indeks (stal AISI 316L) |
| 38 | 48 | TF-KFK-038-048 | - | - | TF-KFV-048-038 | - | - |
| 48 | 60 | TF-KFK-048-060 | - | TF-KFK-048-060-SS | TF-KFV-060-048 | - | - |
| 48 | 76 | TF-KFK-048-076 | TF-KFK-048-076-AL | TF-KFK-048-076-SS | TF-KFV-076-048 | TF-KFV-076-048-AL | TF-KFV-076-048-SS |
| 60 | 76 | TF-KFK-060-076 | - | TF-KFK-060-076-SS | TF-KFV-076-060 | - | - |
| 60 | 102 | TF-KFK-060-102 | - | - | - | - | - |
| 76 | 102 | TF-KFK-076-102 | TF-KFK-076-102-AL | TF-KFK-076-102-SS | TF-KFV-102-076 | TF-KFV-102-076-AL | TF-KFV-102-076-SS |
| 76 | 133 | TF-KFK-076-133 | - | TF-KFK-076-133-SS | TF-KFV-133-076 | - | - |
| 102 | 133 | TF-KFK-102-133 | TF-KFK-102-133-AL | TF-KFK-102-133-SS | TF-KFV-133-102 | TF-KFV-133-102-AL | - |
| 102 | 152 | TF-KFK-102-152 | TF-KFK-102-152-AL | TF-KFK-102-152-SS | TF-KFV-152-102 | TF-KFV-152-102-AL | TF-KFV-152-102-SS |
| 133 | 152 | TF-KFK-133-152 | TF-KFK-133-152-AL | TF-KFK-133-152-SS | TF-KFV-152-133 | TF-KFV-152-133-AL | - |

| rozmiar | | Łącznik gniazdo / gniazdo | | | Łącznik wtyk / wtyk | | |
|----------------|--------------------------|---|-------------------------|--------------------------|---|-------------------------|--|
| | |  | | |  | | |
| przylącze [mm] | indeks (stal ocynkowana) | indeks (aluminium) | indeks (stal AISI 316L) | indeks (stal ocynkowana) | indeks (aluminium) | indeks (stal AISI 316L) | |
| 48 | TF-KK2M-048 | - | TF-KK2M-048-SS | TF-KK2V-048 | - | TF-KK2V-048-SS | |
| 76 | TF-KK2M-076 | - | TF-KK2M-076-SS | TF-KK2V-076 | - | TF-KK2V-076-SS | |
| 102 | TF-KK2M-102 | - | TF-KK2M-102-SS | TF-KK2V-102 | - | TF-KK2V-102-SS | |
| 133 | TF-KK2M-133 | - | TF-KK2M-133-SS | TF-KK2V-133 | - | TF-KK2V-133-SS | |
| 152 | TF-KK2M-152 | - | TF-KK2M-152-SS | TF-KK2V-152 | - | TF-KK2V-152-SS | |


| rozmiar | | Łącznik 90° wtyk / gniazdo | | | Łącznik 45° wtyk / gniazdo | | |
|----------------|--------------------------|---|-------------------------|--------------------------|---|-------------------------|--|
| | |  | | |  | | |
| przylącze [mm] | indeks (stal ocynkowana) | indeks (aluminium) | indeks (stal AISI 316L) | indeks (stal ocynkowana) | indeks (aluminium) | indeks (stal AISI 316L) | |
| 48 | TF-KRKB-90-048 | TF-KRKB-90-048-AL | TF-KRKB-90-048-SS | TF-KRKB-45-048 | TF-KRKB-45-048-AL | TF-KRKB-45-048-SS | |
| 76 | TF-KRKB-90-076 | TF-KRKB-90-076-AL | TF-KRKB-90-076-SS | TF-KRKB-45-076 | TF-KRKB-45-076-AL | TF-KRKB-45-076-SS | |
| 102 | TF-KRKB-90-102 | TF-KRKB-90-102-AL | TF-KRKB-90-102-SS | TF-KRKB-45-102 | TF-KRKB-45-102-AL | TF-KRKB-45-102-SS | |
| 133 | TF-KRKB-90-133 | TF-KRKB-90-133-AL | TF-KRKB-90-133-SS | TF-KRKB-45-133 | TF-KRKB-45-133-AL | TF-KRKB-45-133-SS | |
| 152 | TF-KRKB-90-152 | TF-KRKB-90-152-AL | TF-KRKB-90-152-SS | TF-KRKB-45-152 | TF-KRKB-45-152-AL | TF-KRKB-45-152-SS | |

Złącza dźwigniowe LAUX 42

| rozmiar | | Trójnik gniazdo / wtyk / GZ BSP | | | Trójnik wtyk / gniazdo / gniazdo | | |
|-------------|-------------|--|--------------------|-------------------------|--|--------------------|-------------------------|
| | |  KGT | | |  KTH | | |
| przyłącze 1 | przyłącze 2 | indeks (stal ocynkowana) | indeks (aluminium) | indeks (stal AISI 316L) | indeks (stal ocynkowana) | indeks (aluminium) | indeks (stal AISI 316L) |
| 48 mm | 48 mm | - | - | - | TF-KTH-048-048 | TF-KTH-048-048-AL | TF-KTH-048-048-SS |
| 48 mm | 1" BSP | TF-KGT-048-100 | - | - | - | - | - |
| 48 mm | 1.1/2" BSP | TF-KGT-048-150 | TF-KGT-048-150-AL | - | - | - | - |
| 48 mm | 2" BSP | - | - | TF-KGT-048-200-SS | - | - | - |
| 76 mm | 48 mm | - | - | - | TF-KTH-076-048 | TF-KTH-076-048-AL | TF-KTH-076-048-SS |
| 76 mm | 76 mm | - | - | - | TF-KTH-076-076 | TF-KTH-076-076-AL | TF-KTH-076-076-SS |
| 76 mm | 1" BSP | TF-KGT-076-100 | - | - | - | - | - |
| 76 mm | 2.1/2" BSP | TF-KGT-076-250 | TF-KGT-076-250-AL | TF-KGT-076-250-SS | - | - | - |
| 76 mm | 3" BSP | TF-KGT-076-300 | - | - | - | - | - |
| 102 mm | 48 mm | - | - | - | TF-KTH-102-048 | TF-KTH-102-048-AL | TF-KTH-102-048-SS |
| 102 mm | 76 mm | - | - | - | TF-KTH-102-076 | TF-KTH-102-076-AL | TF-KTH-102-076-SS |
| 102 mm | 102 mm | - | - | - | TF-KTH-102-102 | TF-KTH-102-102-AL | TF-KTH-102-102-SS |
| 102 mm | 1" BSP | TF-KGT-102-100 | - | - | - | - | - |
| 102 mm | 3" BSP | TF-KGT-102-300 | TF-KGT-102-300-AL | TF-KGT-102-300-SS | - | - | - |
| 102 mm | 4" BSP | TF-KGT-102-400 | - | - | - | - | - |
| 133 mm | 76 mm | - | - | - | TF-KTH-133-076 | TF-KTH-133-076-AL | - |
| 133 mm | 102 mm | - | - | - | TF-KTH-133-102 | TF-KTH-133-102-AL | - |
| 133 mm | 133 mm | - | - | - | TF-KTH-133-133 | TF-KTH-133-133-AL | - |
| 133 mm | 3" BSP | - | TF-KGT-133-300-AL | - | - | - | - |
| 133 mm | 4" BSP | TF-KGT-133-400 | - | - | - | - | - |
| 152 mm | 102 mm | - | - | - | TF-KTH-152-102 | - | - |
| 152 mm | 133 mm | - | - | - | TF-KTH-152-133 | - | - |
| 152 mm | 152 mm | - | - | - | TF-KTH-152-152 | TF-KTH-152-152-AL | - |
| 152 mm | 3" BSP | - | TF-KGT-152-300-AL | - | - | - | - |
| 152 mm | 4" BSP | TF-KGT-152-400 | - | - | - | - | - |

| rozmiar | | Zaślepka wtyku | | | Zaślepka gniazda | | |
|----------------|--------------------------|--|-------------------------|--------------------------|--|-------------------------|--|
| | |  KXM | | |  KXV | | |
| przyłącze [mm] | indeks (stal ocynkowana) | indeks (aluminium) | indeks (stal AISI 316L) | indeks (stal ocynkowana) | indeks (aluminium) | indeks (stal AISI 316L) | |
| 38 | - | - | TF-KXM-038-SS | - | - | TF-KXV-038-SS | |
| 48 | TF-KXM-048 | - | TF-KXM-048-SS | TF-KXV-048 | - | TF-KXV-048-SS | |
| 76 | TF-KXM-076 | - | TF-KXM-076-SS | TF-KXV-076 | - | TF-KXV-076-SS | |
| 102 | TF-KXM-102 | - | TF-KXM-102-SS | TF-KXV-102 | - | TF-KXV-102-SS | |
| 133 | TF-KXM-133 | - | TF-KXM-133-SS | TF-KXV-133 | - | TF-KXV-133-SS | |
| 152 | TF-KXM-152 | - | TF-KXM-152-SS | TF-KXV-152 | - | TF-KXV-152-SS | |
| 204 | TF-KXM-204 | - | TF-KXM-204-SS | TF-KXV-204 | - | TF-KXV-204-SS | |

Złącza dźwigniowe LAUX 42

|  KKG | indeks (EPDM) | indeks (NBR) | indeks (viton) | indeks (silikon) | rozmiar złącza | d | D | t |
|---|---------------|--------------|----------------|------------------|----------------|-----|-----|----|
| | TF-KKG-038-E | TF-KKG-038-N | TF-KKG-038-V | - | - | 38 | 54 | 70 |
| TF-KKG-048-E | TF-KKG-048-N | TF-KKG-048-V | TF-KKG-048-S | - | 48 | 72 | 100 | 14 |
| TF-KKG-060-E | TF-KKG-060-N | TF-KKG-060-V | - | - | 60 | 82 | 112 | 15 |
| TF-KKG-076-E | TF-KKG-076-N | TF-KKG-076-V | TF-KKG-076-S | - | 76 | 100 | 130 | 15 |
| TF-KKG-102-E | TF-KKG-102-N | TF-KKG-102-V | TF-KKG-102-S | - | 102 | 126 | 162 | 18 |
| TF-KKG-133-E | TF-KKG-133-N | TF-KKG-133-V | - | - | 133 | 145 | 189 | 22 |
| TF-KKG-152-E | TF-KKG-152-N | TF-KKG-152-V | - | - | 152 | 171 | 215 | 20 |
| - | TF-KKG-204-N | - | - | - | 204 | 245 | 275 | 15 |

