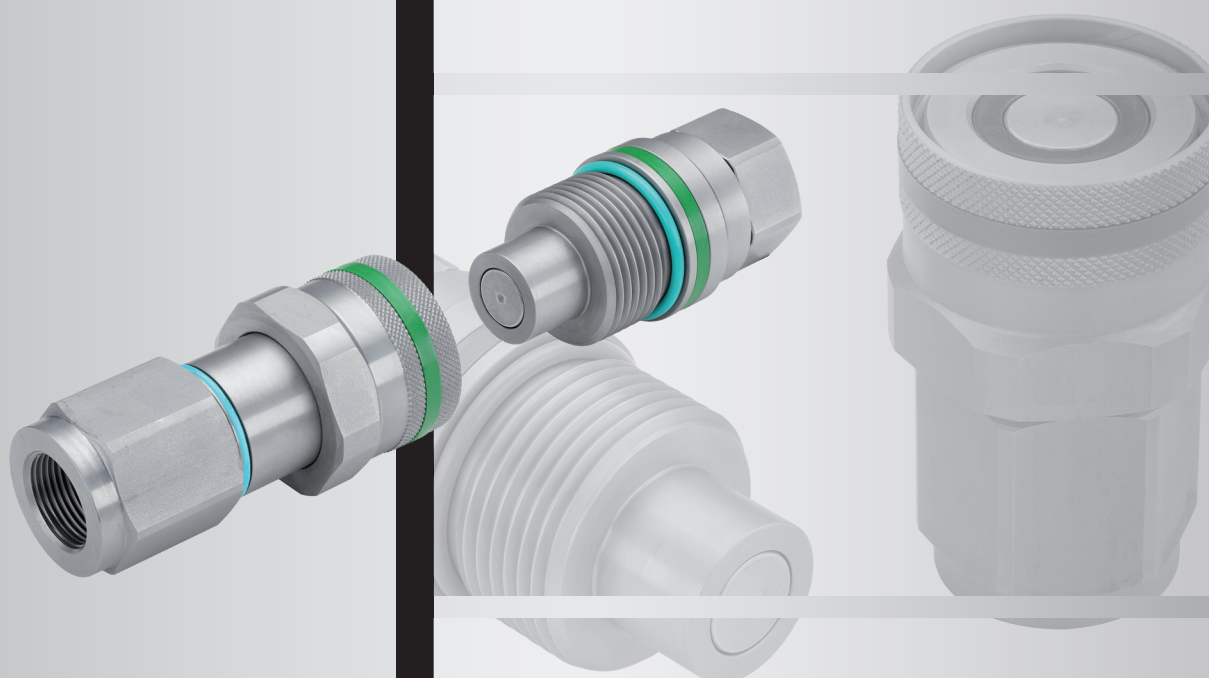
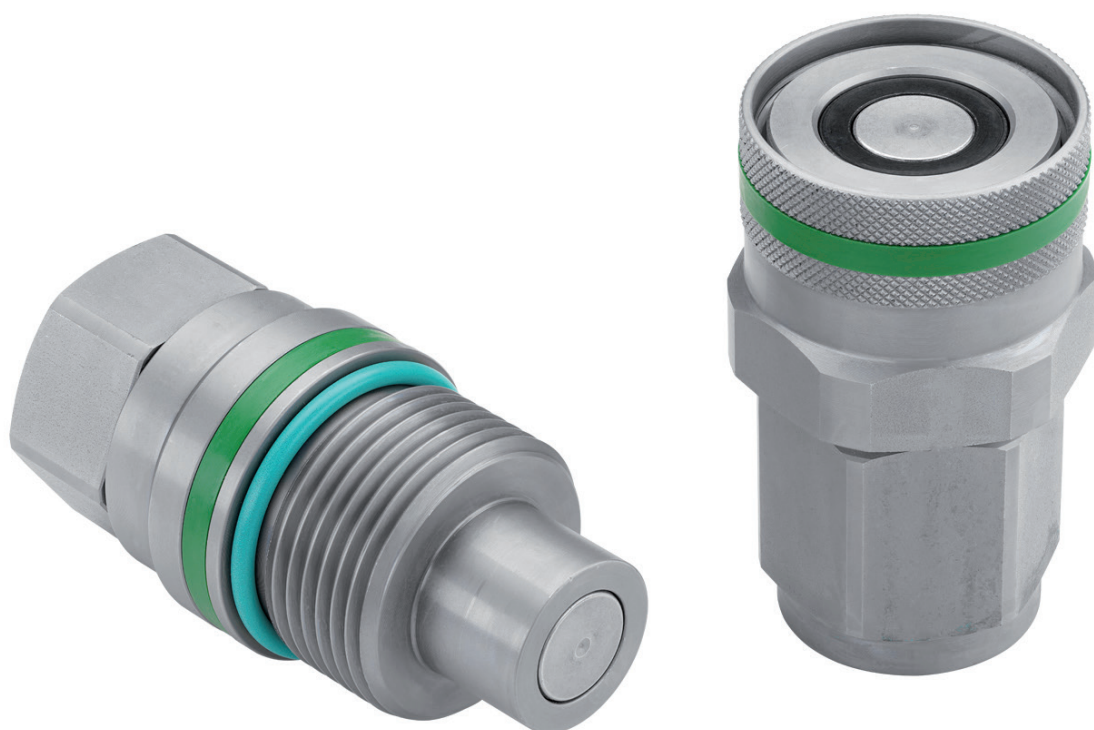




**Series FG**  
Flat Face Screw-to-Connect Couplings



## Product Description

Flat Face screw-to-connect couplings of the FG series from STAUFF consist of a female body with a screw sleeve and a male tip with external thread. The series is developed for particularly heavy-duty applications for connecting hydraulic lines up to DN25 (1").

Coupling (screwing) and uncoupling (unscrewing) of the two halves is safe and very easy. After the connection is complete, all internal components have minimal play or clearance, which significantly reduces the risk of material fatigue.

Another advantage is that the risk of permanent indentation, so-called "brinelling", on the surface of the male tip is eliminated, which can occur with push-to-connect couplings in similar extreme applications.

The proven design is suitable for use in heavy construction and transport equipment, oil and gas platforms, blow out preventer (BOP) systems and gensets. Other applications include heavy lifting equipment, loaders/trailers and other demanding hydraulic applications.

The FG series is available in nominal sizes 10, 12, 16, 19, 25 (3/8" - 1").

The nominal sizes 12, 16, 19 and 25 are certified according to API-16D (American Petroleum Institute) and EUB Directive 036 by LRQA (Lloyd's Register): Fire resistance test at 345 bar (5000 PSI) and a flametemperature of 700° C (1300° F).

## Features

- Flat Face
- Coupling made from carbon steel with Zinc/Nickel surface coating
- Sealing's made from NBR (Buna-N®), PTFE, PU, POM
- Heavy duty internal components
- Male tip or female can be connected up to 250 bar (3626 PSI) by hand
- Tested acc. API-16D and acc. EUB Directive 036 (nominal sizes 12, 16, 19, 25)
- Feature: Green O-Ring  
External O-ring as a safety feature to indicate the complete/correct connection of the male tip and female body (the O-ring must be covered by the sleeve of the female body)

## Applications



Construction  
machinery



Hydraulic  
trailers



Lifting  
Equipment



Oil and gas industry  
(onshore)



Hydraulic  
tippers

## Top Features



Zinc/Nickel coating



Designed for secure  
connection



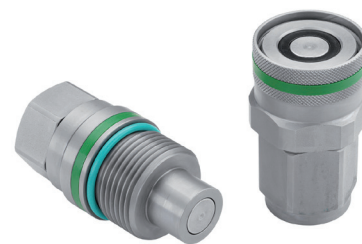
Connect under  
pressure



Vibration resistant

## Serie FG • Carbon Steel

|                           |                                                          |
|---------------------------|----------------------------------------------------------|
| Material                  | Carbon Steel                                             |
| Surface Finishing         | Zink/Nickel                                              |
| Standard Seal Material(s) | NBR (Buna-N®), PTFE, PU, POM                             |
| Working Temperature       | -25° C ... +100° C / -13° F ... +212° F                  |
| Valve Design              | Flat Face                                                |
| Connection                | Screw                                                    |
| Disconnection             | Screw                                                    |
| Connect Under Pressure    | Male Tip or Female Body up to 250 bar (3626 PSI) allowed |
| Disconnect Under Pressure | allowed                                                  |
| Application               | Construction Machinery, Industrial Hydraulic, Onshore    |
| ISO Interchange           | -                                                        |



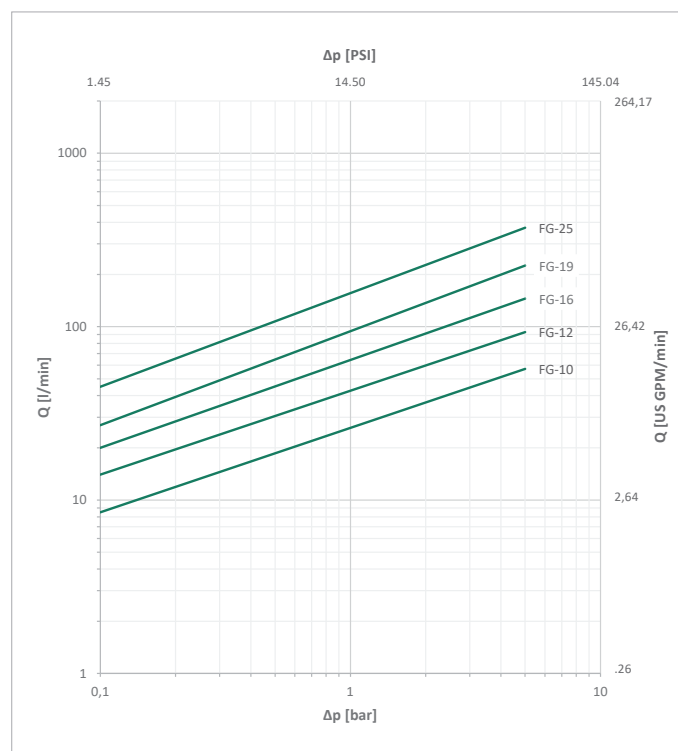
## Technical Data

| Series | BG | DN<br>Zoll<br>Inch | DN<br>metric<br>ISO 4397 | Q <sub>max</sub><br>l/min | US GPM | Working Pressure<br>Connected |      | Female Body |      | Male Tip |      | Spillage |        |
|--------|----|--------------------|--------------------------|---------------------------|--------|-------------------------------|------|-------------|------|----------|------|----------|--------|
|        |    |                    |                          |                           |        | bar                           | PSI  | bar         | PSI  | bar      | PSI  | ml       | fl oz  |
| FG-10  | 2  | 3/8"               | 10                       | 46                        | 12.15  | 550                           | 7977 | 330         | 4786 | 550      | 7977 | 0,01     | .0003  |
| FG-12  | 3  | 1/2"               | 12,5                     | 90                        | 23.77  | 550                           | 7977 | 330         | 4786 | 550      | 7977 | 0,01     | .0003  |
| FG-16  | 4A | 5/8"               | 16                       | 148                       | 39.09  | 550                           | 7977 | 330         | 4786 | 550      | 7977 | 0,02     | .0007  |
| FG-19  | 4  | 3/4"               | 19                       | 200                       | 52.83  | 500                           | 7252 | 330         | 4786 | 500      | 7252 | 0,01     | .0003  |
| FG-25  | 5  | 1"                 | 25                       | 378                       | 99.86  | 470                           | 6817 | 300         | 4351 | 470      | 6817 | 0,005    | .00017 |

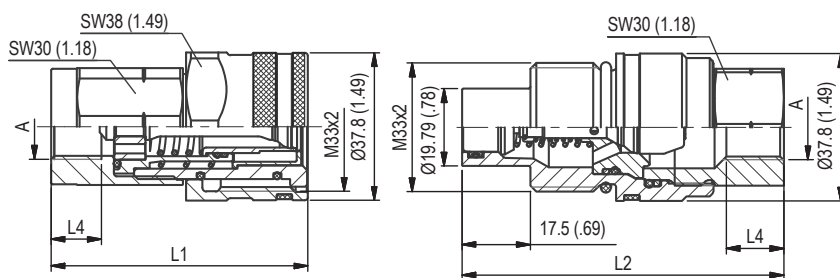
| Series | Bursting Pressure<br>Connected |       | Female Body |       | Male Tip |       | Maximum pressure for connecting |      |                         |      |                         |      | Maximum pressure<br>for disconnecting |      |
|--------|--------------------------------|-------|-------------|-------|----------|-------|---------------------------------|------|-------------------------|------|-------------------------|------|---------------------------------------|------|
|        |                                |       |             |       |          |       | Pressure on Male Tip            |      | Pressure on Female Body |      | Pressure on Female Body |      |                                       |      |
|        | bar                            | PSI   | bar         | PSI   | bar      | PSI   | Female Body pressureless        | PSI  | Male Tip pressureless   | PSI  | Pressure on Male Tip    | PSI  | bar                                   | PSI  |
| FG-10  | 1400                           | 20305 | 1000        | 14504 | 1400     | 20305 | 250                             | 3626 | 250                     | 3626 | 250                     | 3626 | 250                                   | 3626 |
| FG-12  | 1400                           | 20305 | 1000        | 14504 | 1400     | 20305 | 250                             | 3626 | 250                     | 3626 | 200                     | 2901 | 200                                   | 2901 |
| FG-16  | 1400                           | 20305 | 1000        | 14504 | 1400     | 20305 | 250                             | 3626 | 250                     | 3626 | 200                     | 2901 | 200                                   | 2901 |
| FG-19  | 1400                           | 20305 | 1000        | 14504 | 1400     | 20305 | 250                             | 3626 | 250                     | 3626 | 150                     | 2176 | 150                                   | 2176 |
| FG-25  | 1200                           | 17405 | 800         | 11603 | 1200     | 17405 | 250                             | 3626 | 250                     | 3626 | 150                     | 2176 | 150                                   | 2176 |

The indicated pressure ratings only apply to the coupling itself and depend on the connection type.

## Flow Characteristics



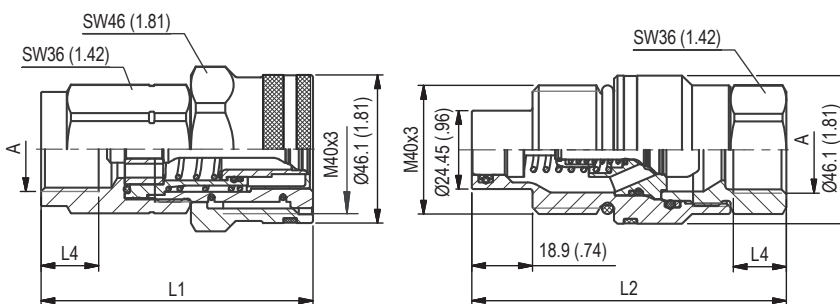
Please note: Unless otherwise stated, all flow characteristics have been determined with hydraulic oil with a kinematic viscosity of 28,8 - 35,2 mm<sup>2</sup>/s (28,8 - 35,2 cSt) and are only valid for components with non-reducing connections.



Insertion Male Tip = 16,9 (.67)  
All dimensions in mm (inch).

### Series FG-10 ▪ BG 2 ▪ Nominal Size 10

|                                                                                   | Port A        | Dimensions<br>(mm/in) |      |      |    |      | Female Body<br>Ordering Codes | Weight<br>(kg/lbs) ca.<br>per 100 | Male Tip<br>Ordering Codes | Weight<br>(kg/lbs) ca.<br>per 100 |
|-----------------------------------------------------------------------------------|---------------|-----------------------|------|------|----|------|-------------------------------|-----------------------------------|----------------------------|-----------------------------------|
|                                                                                   |               | ØD2                   | L1   | L2   | L3 | L4   |                               |                                   |                            |                                   |
| Female Thread according to DIN 3852-2 - ANSI B 1.20.3 - SAE J1926-1 - ISO 11926-1 |               |                       |      |      |    |      |                               |                                   |                            |                                   |
|  | G 3/8"        |                       | 65,8 | 82,3 |    | 12,9 | QRC-FG-10-F-G06-S1-W3         | 34,70                             | QRC-FG-10-M-G06-S5-W3      | 38,40                             |
|                                                                                   |               |                       | 2.59 | 3.25 |    | .51  |                               | 76.50                             |                            | 84.66                             |
|                                                                                   | G 1/2"        |                       | 70.4 | 82,3 |    | 14   | QRC-FG-10-F-G08-S1-W3         | 35,20                             | QRC-FG-10-M-G08-S5-W3      | 36,80                             |
|                                                                                   |               |                       | 2.77 | 3.25 |    | .55  |                               | 77.60                             |                            | 81.13                             |
|                                                                                   | NPTF 3/8" -18 |                       | 65,8 | 82,3 |    |      | QRC-FG-10-F-NF06-S1-W3        | 34,50                             | QRC-FG-10-M-NF06-S5-W3     | 38,20                             |
|                                                                                   |               |                       | 2.59 | 3.25 |    |      |                               | 76.06                             |                            | 84.22                             |
|                                                                                   | NPTF 1/2" -14 |                       | 71,4 | 82,3 |    |      | QRC-FG-10-F-NF08-S1-W3        | 36,00                             | QRC-FG-10-M-NF08-S5-W3     | 36,90                             |
|                                                                                   |               |                       | 2.81 | 3.25 |    |      |                               | 79.37                             |                            | 81.35                             |
|                                                                                   | UNF 3/4" -16  |                       | 70,4 | 82,3 |    | 16   | QRC-FG-10-F-U08-S1-W3         | 35,60                             | QRC-FG-10-M-U08-S5-W3      | 37,20                             |
|                                                                                   |               |                       | 2.77 | 3.25 |    | .63  |                               | 78.48                             |                            | 82.01                             |

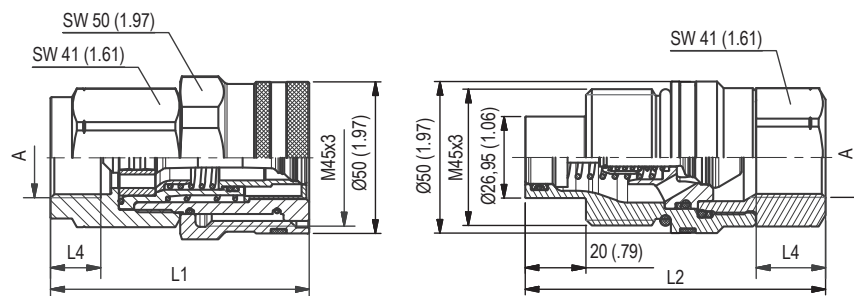


Insertion Male Tip = 18,4 (.72)  
All dimensions in mm (inch).

### Series FG-12 ▪ BG 3 ▪ Nominal Size 12,5

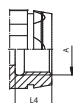
|                                                                                     | Port A         | Dimensions<br>( <sup>mm</sup> / <sub>in</sub> )                                   |              |            |    |           | Female Body            | Weight<br>( <sup>kg</sup> / <sub>lbs</sub> ) ca. | Male Tip               | Weight<br>( <sup>kg</sup> / <sub>lbs</sub> ) ca. |
|-------------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------------------------|--------------|------------|----|-----------|------------------------|--------------------------------------------------|------------------------|--------------------------------------------------|
|                                                                                     |                | ØD2                                                                               | L1           | L2         | L3 | L4        | Ordering Codes         | per 100                                          | Ordering Codes         | per 100                                          |
|                                                                                     |                | Female Thread according to DIN 3852-2 - ANSI B 1.20.3 - SAE J1926-1 - ISO 11926-1 |              |            |    |           |                        |                                                  |                        |                                                  |
|  | G 1/2"         |                                                                                   | 84,7<br>3.34 | 97<br>3.82 |    | 14<br>.55 | QRC-FG-12-F-G08-S1-W3  | 67,10<br>147.93                                  | QRC-FG-12-M-G08-S5-W3  | 67,10<br>147.93                                  |
|                                                                                     | G 3/4"         |                                                                                   | 84,7<br>3.34 | 98<br>3.86 |    | 18<br>.71 | QRC-FG-12-F-G12-S1-W3  | 63,70<br>140.43                                  | QRC-FG-12-M-G12-S5-W3  | 64,80<br>142.86                                  |
|                                                                                     | NPTF 1/2" -14  |                                                                                   | 83,7<br>3.30 | 97<br>3.82 |    |           | QRC-FG-12-F-NF08-S1-W3 | 66,80<br>147.27                                  | QRC-FG-12-M-NF08-S5-W3 | 67,60<br>149.03                                  |
|                                                                                     | NPTF 3/4" -14  |                                                                                   | 84,7<br>3.34 | 97<br>3.82 |    |           | QRC-FG-12-F-NF12-S1-W3 | 64,90<br>143.08                                  | QRC-FG-12-M-NF12-S5-W3 | 65,00<br>143.30                                  |
|                                                                                     | UNF 3/4" -16   |                                                                                   | 84,7<br>3.35 | 97<br>3.82 |    | 16<br>.63 | QRC-FG-12-F-U08-S1-W3  | 67,60<br>149.03                                  | QRC-FG-12-M-U08-S5-W3  | 67,70<br>149.25                                  |
|                                                                                     | UN 1" 1/16 -12 |                                                                                   | 84,7<br>3.35 | 99<br>3.90 |    | 19<br>.75 | QRC-FG-12-F-U12-S1-W3  | 63,00<br>138.89                                  | QRC-FG-12-M-U12-S5-W3  | 64,60<br>142.42                                  |

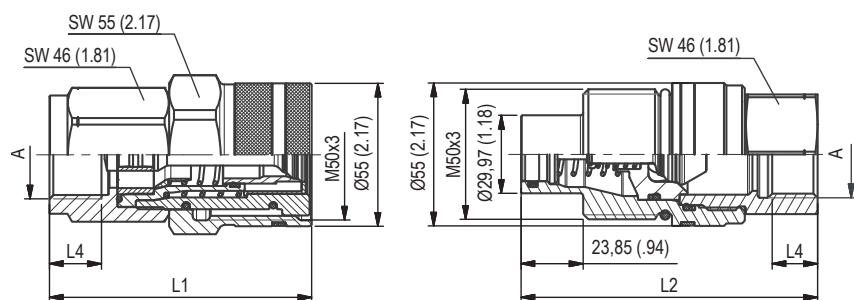
Note: The connection of the two halves of a coupling is achieved depending on the type. It is important to observe the positive engagement of plug-type couplings and the secure tightening of screw-type couplings to the limit stop of the thread. Forced or improper separation will result in malfunction of the coupling.



Insertion Male Tip = 19,0 (.75)  
All dimensions in mm (inch).

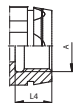
### Series FG-16 ▪ BG 4A ▪ Nominal Size 16

|                                                                                   | Port A         | Dimensions<br>( <sup>mm</sup> / <sub>in</sub> )                                   |            |             |    |             | Female Body<br><br>Ordering Codes | Weight<br>( <sup>kg</sup> / <sub>lbs</sub> ) ca.<br>per 100 | Male Tip<br><br>Ordering Codes | Weight<br>( <sup>kg</sup> / <sub>lbs</sub> ) ca.<br>per 100 |
|-----------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------------------------|------------|-------------|----|-------------|-----------------------------------|-------------------------------------------------------------|--------------------------------|-------------------------------------------------------------|
|                                                                                   |                | ØD2                                                                               | L1         | L2          | L3 | L4          |                                   |                                                             |                                |                                                             |
|                                                                                   |                | Female Thread according to DIN 3852-2 - ANSI B 1.20.3 - SAE J1926-1 - ISO 11926-1 |            |             |    |             |                                   |                                                             |                                |                                                             |
|  | G 3/4"         |                                                                                   | 85<br>3.35 | 99<br>3.90  |    | 16,5<br>.65 | QRC-FG-16-F-G12-S1-W3             | 93<br>205.05                                                | QRC-FG-16-M-G12-S5-W3          | 76,9<br>169.54                                              |
|                                                                                   | G 1"           |                                                                                   | 89<br>3.50 | 105<br>4.13 |    | 19<br>.75   | QRC-FG-16-F-G16-S1-W3             | 88,5<br>195.10                                              | QRC-FG-16-M-G16-S5-W3          | 75,6<br>166.67                                              |
|                                                                                   | NPTF 3/4" -14  |                                                                                   | 85<br>3.35 | 102<br>4.02 |    |             | QRC-FG-16-F-NF12-S1-W3            | 91,7<br>202.16                                              | QRC-FG-16-M-NF12-S5-W3         | 79,2<br>174.60                                              |
|                                                                                   | UN 1" 1/16 -12 |                                                                                   | 88<br>3.46 | 102<br>4.02 |    | 19<br>.75   | QRC-FG-16-F-U12-S1-W3             | 93,5<br>206.13                                              | QRC-FG-16-M-U12-S5-W3          | 78,5<br>173.06                                              |

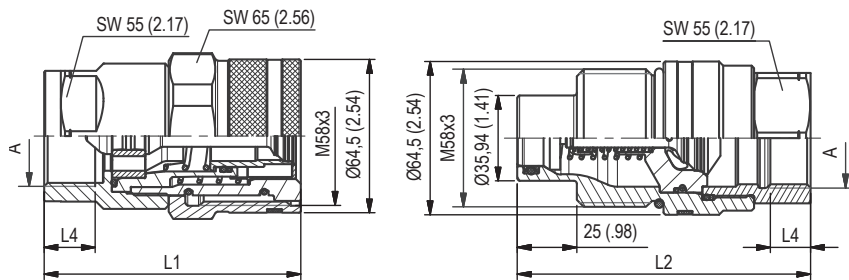


Insertion Male Tip = 22,7 (.89)  
All dimensions in mm (inch).

### Series FG-19 ▪ BG 4 ▪ Nominal Size 19

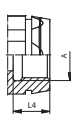
|                                                                                     | Port A          | Dimensions<br>( <sup>mm</sup> / <sub>in</sub> )                                   |             |             |    |           | Female Body<br><br>Ordering Codes | Weight<br>( <sup>kg</sup> / <sub>lbs</sub> ) ca.<br>per 100 | Male Tip<br><br>Ordering Codes | Weight<br>( <sup>kg</sup> / <sub>lbs</sub> ) ca.<br>per 100 |
|-------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------|-------------|-------------|----|-----------|-----------------------------------|-------------------------------------------------------------|--------------------------------|-------------------------------------------------------------|
|                                                                                     |                 | ØD2                                                                               | L1          | L2          | L3 | L4        |                                   |                                                             |                                |                                                             |
|                                                                                     |                 | Female Thread according to DIN 3852-2 - ANSI B 1.20.3 - SAE J1926-1 - ISO 11926-1 |             |             |    |           |                                   |                                                             |                                |                                                             |
|  | G 3/4"          |                                                                                   | 101<br>3.98 | 114<br>4.49 |    | 16<br>.63 | QRC-FG-19-F-G12-S1-W3             | 120,60<br>265.88                                            | QRC-FG-19-M-G12-S5-W3          | 115,90<br>255.52                                            |
|                                                                                     | G 1"            |                                                                                   | 101<br>3.98 | 114<br>4.49 |    | 20<br>.79 | QRC-FG-19-F-G16-S1-W3             | 115,20<br>253.97                                            | QRC-FG-19-M-G16-S5-W3          | 107,60<br>237.22                                            |
|                                                                                     | NPTF 1" -11 1/2 |                                                                                   | 101<br>3.98 | 114<br>4.49 |    |           | QRC-FG-19-F-NF16-S1-W3            | 116,60<br>257.06                                            | QRC-FG-19-M-NF16-S5-W3         | 109,40<br>241.16                                            |
|                                                                                     | UN 1" 5/16 -12  |                                                                                   | 101<br>3.98 | 114<br>4.49 |    | 20<br>.79 | QRC-FG-19-F-U16-S1-W3             | 114,70<br>252.87                                            | QRC-FG-19-M-U16-S5-W3          | 109,50<br>241.40                                            |

Note: The connection of the two halves of a coupling is achieved depending on the type. It is important to observe the positive engagement of plug-type couplings and the secure tightening of screw-type couplings to the limit stop of the thread. Forced or improper separation will result in malfunction of the coupling.



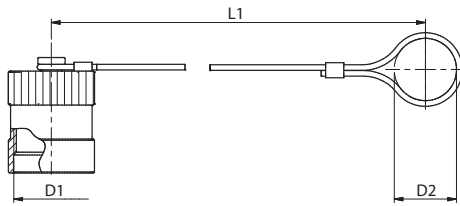
Insertion Male Tip = 24,1 (.95)  
All dimensions in mm (inch).

### Series FG-25 ▪ BG 5 ▪ Nominal Size 25

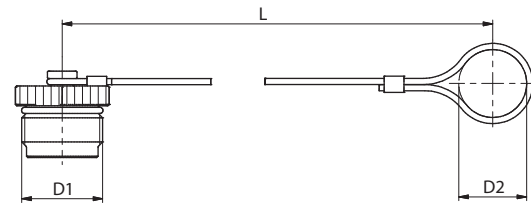
|                                                                                   | Port A         | Dimensions<br>( <sup>mm</sup> / <sub>in</sub> ) |      |       |    |      | Female Body            | Weight<br>( <sup>kg</sup> / <sub>lbs</sub> ) ca. | Male Tip               | Weight<br>( <sup>kg</sup> / <sub>lbs</sub> ) ca. |        |
|-----------------------------------------------------------------------------------|----------------|-------------------------------------------------|------|-------|----|------|------------------------|--------------------------------------------------|------------------------|--------------------------------------------------|--------|
|                                                                                   |                | ØD2                                             | L1   | L2    | L3 | L4   | Ordering Codes         | per 100                                          | Ordering Codes         | per 100                                          |        |
| Female Thread according to DIN 3852-2 - ANSI B 1.20.3 - SAE J1926-1 - ISO 11926-1 |                |                                                 |      |       |    |      |                        |                                                  |                        |                                                  |        |
|  | G 1" 1/4       |                                                 | 108  | 123,5 |    | 21,5 | QRC-FG-25-F-G20-S1-W3  | 155,00                                           | QRC-FG-25-M-G20-S5-W3  | 151,00                                           |        |
|                                                                                   |                |                                                 | 4.25 | 4.86  |    | .85  |                        | 341.71                                           |                        | 332.90                                           |        |
|                                                                                   | NPTF 1"¼ - 11½ |                                                 | 108  | 126,4 |    |      | QRC-FG-25-F-NF20-S1-W3 | 155,00                                           | QRC-FG-25-M-NF20-S5-W3 | 154,00                                           |        |
|                                                                                   |                |                                                 | 4.25 | 4.98  |    |      |                        | 341.71                                           |                        | 339.51                                           |        |
|                                                                                   | UN 1" 5/8 - 12 |                                                 | 108  | 126,4 |    |      | 20                     | QRC-FG-25-F-U20-S1-W3                            | 155,00                 | QRC-FG-25-M-U20-S5-W3                            | 154,00 |
|                                                                                   |                |                                                 | 4.25 | 4.98  |    |      | .79                    |                                                  | 341.71                 |                                                  | 339.51 |

Note: The connection of the two halves of a coupling is achieved depending on the type. It is important to observe the positive engagement of plug-type couplings and the secure tightening of screw-type couplings to the limit stop of the thread. Forced or improper separation will result in malfunction of the coupling.

## Series FG ▪ Dust Protection

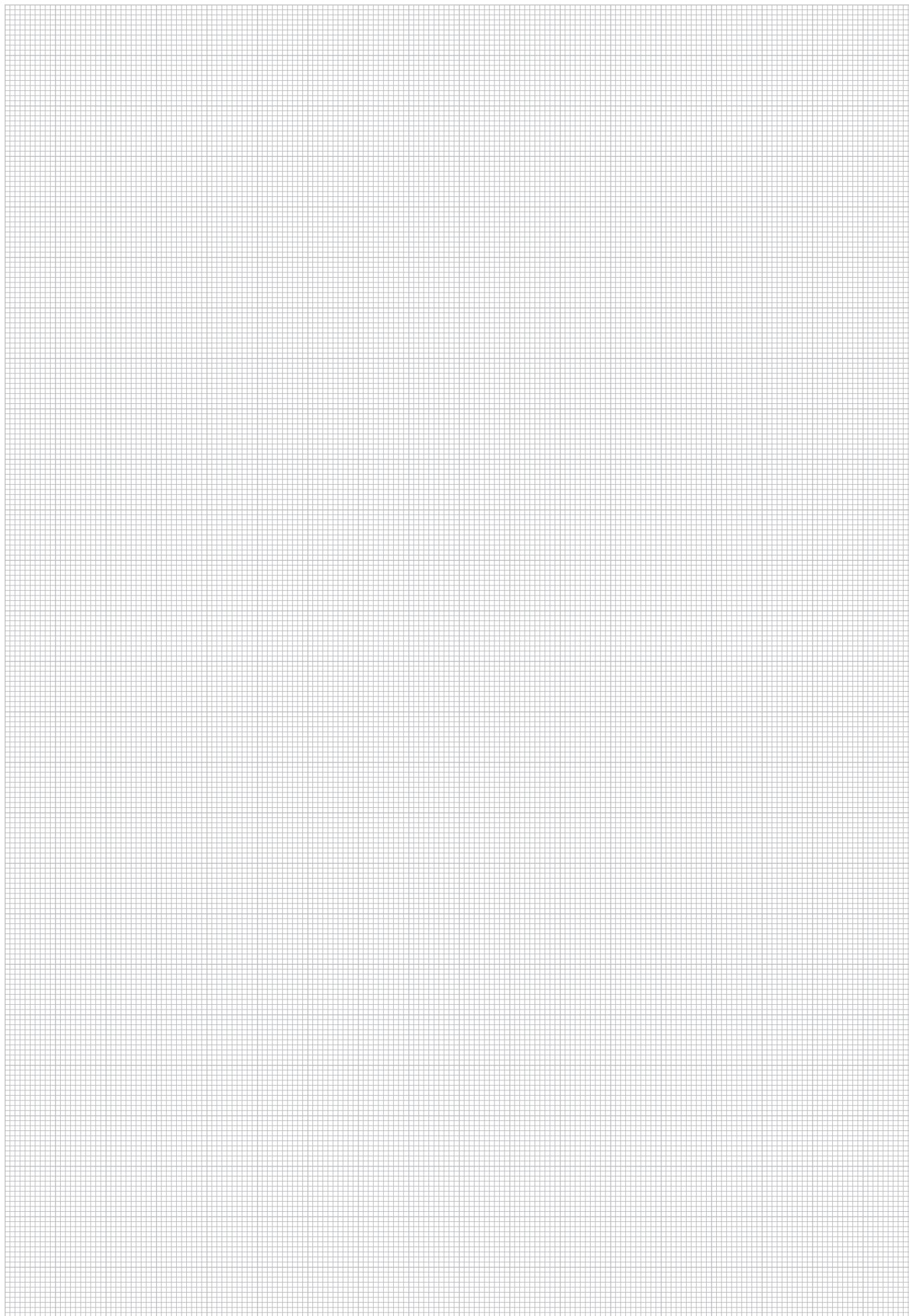


| Dimensions<br>( <sup>mm</sup> / <sub>in</sub> ) |              |              | Material                          | Dust Cap for Male Tip  |
|-------------------------------------------------|--------------|--------------|-----------------------------------|------------------------|
| D1                                              | D2           | L            |                                   | Ordering Codes         |
| M33x2                                           | 30<br>1.18   | 175<br>6.89  | Aluminium silver with steel cable | QRC-FG-10-DM-30-W89-SI |
| M40x3                                           | 40,5<br>1.59 | 215<br>8.46  | Aluminium silver with steel cable | QRC-FG-12-DM-41-W89-SI |
| M45x3                                           | 42,5<br>1.67 | 230<br>9.06  | Aluminium silver with steel cable | QRC-FG-16-DM-43-W89-SI |
| M50x3                                           | 46<br>1.81   | 245<br>9.65  | Aluminium silver with steel cable | QRC-FG-19-DM-46-W89-SI |
| M58x3                                           | 55<br>2.17   | 275<br>10.83 | Aluminium silver with steel cable | QRC-FG-25-DM-55-W89-SI |
| TR80x4                                          | 71,5<br>2.81 | 350<br>13.78 | Aluminium silver with steel cable | QRC-FG-31-DM-72-W89-SI |



| Dimensions<br>( <sup>mm</sup> / <sub>in</sub> ) |              |              | Material                          | Dust Plug for Female Body |
|-------------------------------------------------|--------------|--------------|-----------------------------------|---------------------------|
| D1                                              | D2           | L            |                                   | Ordering Codes            |
| M33x2                                           | 30<br>1.18   | 175<br>6.89  | Aluminium silver with steel cable | QRC-FG-10-DF-30-W89-SI    |
| M40x3                                           | 36<br>1.42   | 215<br>8.46  | Aluminium silver with steel cable | QRC-FG-12-DF-36-W89-SI    |
| M45x3                                           | 42,5<br>1.67 | 230<br>9.06  | Aluminium silver with steel cable | QRC-FG-16-DF-43-W89-SI    |
| M50x3                                           | 46<br>1.81   | 245<br>9.65  | Aluminium silver with steel cable | QRC-FG-19-DF-46-W89-SI    |
| M58x3                                           | 55<br>2.17   | 275<br>10.83 | Aluminium silver with steel cable | QRC-FG-25-DF-55-W89-SI    |
| TR80x4                                          | 71,5<br>2.81 | 350<br>13.78 | Aluminium silver with steel cable | QRC-FG-31-DF-72-W89-SI    |





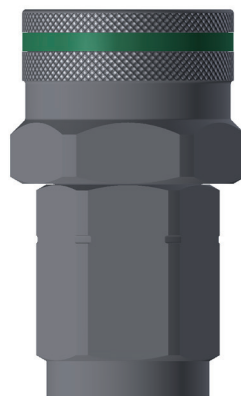
## Colour Marking Rings for Female Bodies Series QRC-FG-F

### QRC-FG-10-F



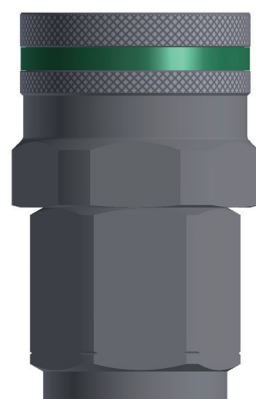
| Colour                                                                            | Ordering Codes           |
|-----------------------------------------------------------------------------------|--------------------------|
|  | MR-QRC-33.7x1.2x3.8-K-RD |
|  | MR-QRC-33.7x1.2x3.8-K-BK |
|  | MR-QRC-33.7x1.2x3.8-K-YE |
|  | MR-QRC-33.7x1.2x3.8-K-BU |
|  | MR-QRC-33.7x1.2x3.8-K-GN |
|  | MR-QRC-33.7x1.2x3.8-K-OE |
|  | MR-QRC-33.7x1.2x3.8-K-PU |
|  | MR-QRC-33.7x1.2x3.8-K-GY |

### QRC-FG-12-F



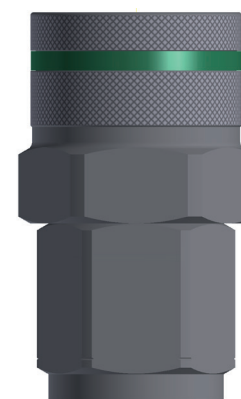
| Colour                                                                              | Ordering Codes         |
|-------------------------------------------------------------------------------------|------------------------|
|  | MR-QRC-41.1x1.4x4-K-RD |
|  | MR-QRC-41.1x1.4x4-K-BK |
|  | MR-QRC-41.1x1.4x4-K-YE |
|  | MR-QRC-41.1x1.4x4-K-BU |
|  | MR-QRC-41.1x1.4x4-K-GN |
|  | MR-QRC-41.1x1.4x4-K-OE |
|  | MR-QRC-41.1x1.4x4-K-PU |
|  | MR-QRC-41.1x1.4x4-K-GY |

### QRC-FG-16-F



| Colour                                                                              | Ordering Codes         |
|-------------------------------------------------------------------------------------|------------------------|
|    | MR-QRC-46.1x1.4x5-K-RD |
|    | MR-QRC-46.1x1.4x5-K-BK |
|    | MR-QRC-46.1x1.4x5-K-YE |
|    | MR-QRC-46.1x1.4x5-K-BU |
|    | MR-QRC-46.1x1.4x5-K-GN |
|   | MR-QRC-46.1x1.4x5-K-OE |
|  | MR-QRC-46.1x1.4x5-K-PU |
|  | MR-QRC-46.1x1.4x5-K-GY |

### QRC-FG-19-F



| Colour                                                                                | Ordering Codes          |
|---------------------------------------------------------------------------------------|-------------------------|
|    | MR-QRC-49.4x.1.4x5-K-RD |
|    | MR-QRC-49.4x.1.4x5-K-BK |
|    | MR-QRC-49.4x.1.4x5-K-YE |
|    | MR-QRC-49.4x.1.4x5-K-BU |
|    | MR-QRC-49.4x.1.4x5-K-GN |
|   | MR-QRC-49.4x.1.4x5-K-OE |
|  | MR-QRC-49.4x.1.4x5-K-PU |
|  | MR-QRC-49.4x.1.4x5-K-GY |

### QRC-FG-25-F



| Colour                                                                              | Ordering Codes          |
|-------------------------------------------------------------------------------------|-------------------------|
|  | MR-QRC-59.3x.1.4x6-K-RD |
|  | MR-QRC-59.3x.1.4x6-K-BK |
|  | MR-QRC-59.3x.1.4x6-K-YE |
|  | MR-QRC-59.3x.1.4x6-K-BU |
|  | MR-QRC-59.3x.1.4x6-K-GN |
|  | MR-QRC-59.3x.1.4x6-K-OE |
|  | MR-QRC-59.3x.1.4x6-K-PU |
|  | MR-QRC-59.3x.1.4x6-K-GY |

Note: The matching of the colour marking rings applies to all connection types of the couplings in the respective nominal sizes.

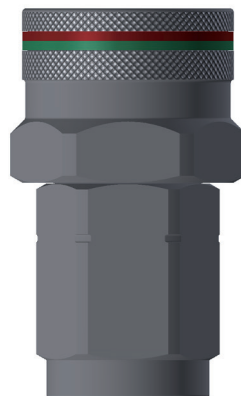
## On request: Two-Tone Colour Marking Rings for Female Bodies Series QRC-FG-F

### QRC-FG-10-F



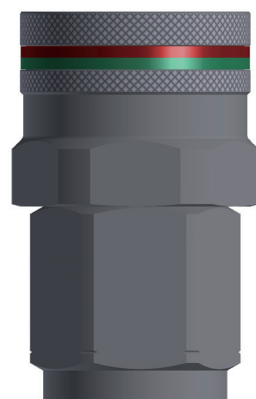
| Colour                                                                            | Ordering Codes           |
|-----------------------------------------------------------------------------------|--------------------------|
|  | MR-QRC-33.7x1.2x1.9-K-RD |
|  | MR-QRC-33.7x1.2x1.9-K-BK |
|  | MR-QRC-33.7x1.2x1.9-K-YE |
|  | MR-QRC-33.7x1.2x1.9-K-BU |
|  | MR-QRC-33.7x1.2x1.9-K-GN |
|  | MR-QRC-33.7x1.2x1.9-K-OE |
|  | MR-QRC-33.7x1.2x1.9-K-PU |
|  | MR-QRC-33.7x1.2x1.9-K-GY |

### QRC-FG-12-F



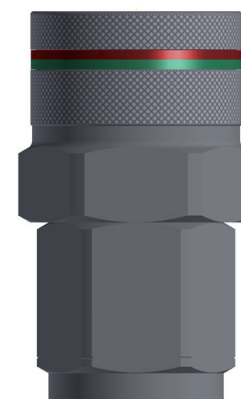
| Colour                                                                              | Ordering Codes         |
|-------------------------------------------------------------------------------------|------------------------|
|  | MR-QRC-41.1x1.4x2-K-RD |
|  | MR-QRC-41.1x1.4x2-K-BK |
|  | MR-QRC-41.1x1.4x2-K-YE |
|  | MR-QRC-41.1x1.4x2-K-BU |
|  | MR-QRC-41.1x1.4x2-K-GN |
|  | MR-QRC-41.1x1.4x2-K-OE |
|  | MR-QRC-41.1x1.4x2-K-PU |
|  | MR-QRC-41.1x1.4x2-K-GY |

### QRC-FG-16-F



| Colour                                                                              | Ordering Codes         |
|-------------------------------------------------------------------------------------|------------------------|
|    | MR-QRC-46.1x1.4x2-K-RD |
|    | MR-QRC-46.1x1.4x2-K-BK |
|    | MR-QRC-46.1x1.4x2-K-YE |
|    | MR-QRC-46.1x1.4x2-K-BU |
|   | MR-QRC-46.1x1.4x2-K-GN |
|  | MR-QRC-46.1x1.4x2-K-OE |
|  | MR-QRC-46.1x1.4x2-K-PU |
|  | MR-QRC-46.1x1.4x2-K-GY |

### QRC-FG-19-F



| Colour                                                                                | Ordering Codes            |
|---------------------------------------------------------------------------------------|---------------------------|
|    | MR-QRC-49.4x.1.4x2.5-K-RD |
|    | MR-QRC-49.4x.1.4x2.5-K-BK |
|    | MR-QRC-49.4x.1.4x2.5-K-YE |
|    | MR-QRC-49.4x.1.4x2.5-K-BU |
|   | MR-QRC-49.4x.1.4x2.5-K-GN |
|  | MR-QRC-49.4x.1.4x2.5-K-OE |
|  | MR-QRC-49.4x.1.4x2.5-K-PU |
|  | MR-QRC-49.4x.1.4x2.5-K-GY |

### QRC-FG-25-F



| Colour                                                                              | Ordering Codes          |
|-------------------------------------------------------------------------------------|-------------------------|
|  | MR-QRC-59.3x.1.4x3-K-RD |
|  | MR-QRC-59.3x.1.4x3-K-BK |
|  | MR-QRC-59.3x.1.4x3-K-YE |
|  | MR-QRC-59.3x.1.4x3-K-BU |
|  | MR-QRC-59.3x.1.4x3-K-GN |
|  | MR-QRC-59.3x.1.4x3-K-OE |
|  | MR-QRC-59.3x.1.4x3-K-PU |
|  | MR-QRC-59.3x.1.4x3-K-GY |

**Note:** Two-Tone Colour Marking Rings are available on request. Please contact STAUFF for an individual offer.

## Colour Marking Rings for Male Tips Series QRC-FG-M

### QRC-FG-10-M



| Colour                                                                            | Ordering Codes           |
|-----------------------------------------------------------------------------------|--------------------------|
|  | MR-QRC-33.7x1.2x3.8-K-RD |
|  | MR-QRC-33.7x1.2x3.8-K-BK |
|  | MR-QRC-33.7x1.2x3.8-K-YE |
|  | MR-QRC-33.7x1.2x3.8-K-BU |
|  | MR-QRC-33.7x1.2x3.8-K-GN |
|  | MR-QRC-33.7x1.2x3.8-K-OE |
|  | MR-QRC-33.7x1.2x3.8-K-PU |
|  | MR-QRC-33.7x1.2x3.8-K-GY |

### QRC-FG-12-M



| Colour                                                                              | Ordering Codes         |
|-------------------------------------------------------------------------------------|------------------------|
|  | MR-QRC-41.1x1.4x4-K-RD |
|  | MR-QRC-41.1x1.4x4-K-BK |
|  | MR-QRC-41.1x1.4x4-K-YE |
|  | MR-QRC-41.1x1.4x4-K-BU |
|  | MR-QRC-41.1x1.4x4-K-GN |
|  | MR-QRC-41.1x1.4x4-K-OE |
|  | MR-QRC-41.1x1.4x4-K-PU |
|  | MR-QRC-41.1x1.4x4-K-GY |

### QRC-FG-16-M



| Colour                                                                              | Ordering Codes         |
|-------------------------------------------------------------------------------------|------------------------|
|    | MR-QRC-46.1x1.4x5-K-RD |
|    | MR-QRC-46.1x1.4x5-K-BK |
|    | MR-QRC-46.1x1.4x5-K-YE |
|    | MR-QRC-46.1x1.4x5-K-BU |
|    | MR-QRC-46.1x1.4x5-K-GN |
|   | MR-QRC-46.1x1.4x5-K-OE |
|  | MR-QRC-46.1x1.4x5-K-PU |
|  | MR-QRC-46.1x1.4x5-K-GY |

### QRC-FG-19-M



| Colour                                                                                | Ordering Codes         |
|---------------------------------------------------------------------------------------|------------------------|
|    | MR-QRC-49.4x1.4x5-K-RD |
|    | MR-QRC-49.4x1.4x5-K-BK |
|    | MR-QRC-49.4x1.4x5-K-YE |
|    | MR-QRC-49.4x1.4x5-K-BU |
|    | MR-QRC-49.4x1.4x5-K-GN |
|   | MR-QRC-49.4x1.4x5-K-OE |
|  | MR-QRC-49.4x1.4x5-K-PU |
|  | MR-QRC-49.4x1.4x5-K-GY |

### QRC-FG-25-M



| Colour                                                                              | Ordering Codes         |
|-------------------------------------------------------------------------------------|------------------------|
|  | MR-QRC-59.3x1.4x6-K-RD |
|  | MR-QRC-59.3x1.4x6-K-BK |
|  | MR-QRC-59.3x1.4x6-K-YE |
|  | MR-QRC-59.3x1.4x6-K-BU |
|  | MR-QRC-59.3x1.4x6-K-GN |
|  | MR-QRC-59.3x1.4x6-K-OE |
|  | MR-QRC-59.3x1.4x6-K-PU |
|  | MR-QRC-59.3x1.4x6-K-GY |

Note: The matching of the colour marking rings applies to all connection types of the couplings in the respective nominal sizes.

## On request: Two-Tone Colour Marking Rings for Male Tips Series QRC-FG-M

### QRC-FG-10-M



| Colour                                                                            | Ordering Codes           |
|-----------------------------------------------------------------------------------|--------------------------|
|  | MR-QRC-33.7x1.2x1.9-K-RD |
|  | MR-QRC-33.7x1.2x1.9-K-BK |
|  | MR-QRC-33.7x1.2x1.9-K-YE |
|  | MR-QRC-33.7x1.2x1.9-K-BU |
|  | MR-QRC-33.7x1.2x1.9-K-GN |
|  | MR-QRC-33.7x1.2x1.9-K-OE |
|  | MR-QRC-33.7x1.2x1.9-K-PU |
|  | MR-QRC-33.7x1.2x1.9-K-GY |

### QRC-FG-12-M



| Colour                                                                              | Ordering Codes         |
|-------------------------------------------------------------------------------------|------------------------|
|  | MR-QRC-41.1x1.4x2-K-RD |
|  | MR-QRC-41.1x1.4x2-K-BK |
|  | MR-QRC-41.1x1.4x2-K-YE |
|  | MR-QRC-41.1x1.4x2-K-BU |
|  | MR-QRC-41.1x1.4x2-K-GN |
|  | MR-QRC-41.1x1.4x2-K-OE |
|  | MR-QRC-41.1x1.4x2-K-PU |
|  | MR-QRC-41.1x1.4x2-K-GY |

### QRC-FG-16-M



| Colour                                                                              | Ordering Codes           |
|-------------------------------------------------------------------------------------|--------------------------|
|    | MR-QRC-46.1x1.4x2.5-K-RD |
|    | MR-QRC-46.1x1.4x2.5-K-BK |
|    | MR-QRC-46.1x1.4x2.5-K-YE |
|    | MR-QRC-46.1x1.4x2.5-K-BU |
|    | MR-QRC-46.1x1.4x2.5-K-GN |
|   | MR-QRC-46.1x1.4x2.5-K-OE |
|  | MR-QRC-46.1x1.4x2.5-K-PU |
|  | MR-QRC-46.1x1.4x2.5-K-GY |

### QRC-FG-19-M



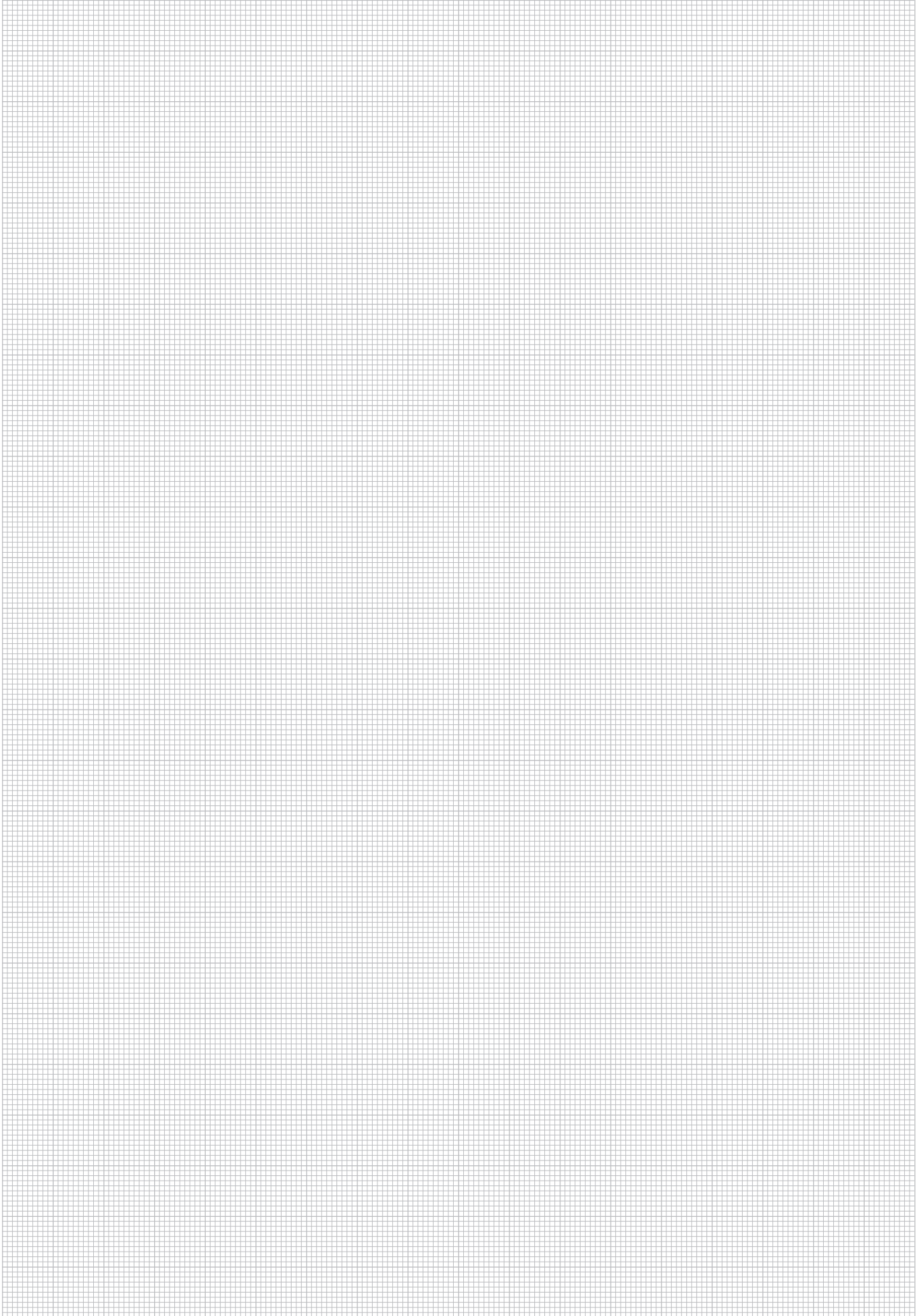
| Colour                                                                                | Ordering Codes           |
|---------------------------------------------------------------------------------------|--------------------------|
|    | MR-QRC-49.4x1.4x2.5-K-RD |
|    | MR-QRC-49.4x1.4x2.5-K-BK |
|    | MR-QRC-49.4x1.4x2.5-K-YE |
|    | MR-QRC-49.4x1.4x2.5-K-BU |
|    | MR-QRC-49.4x1.4x2.5-K-GN |
|   | MR-QRC-49.4x1.4x2.5-K-OE |
|  | MR-QRC-49.4x1.4x2.5-K-PU |
|  | MR-QRC-49.4x1.4x2.5-K-GY |

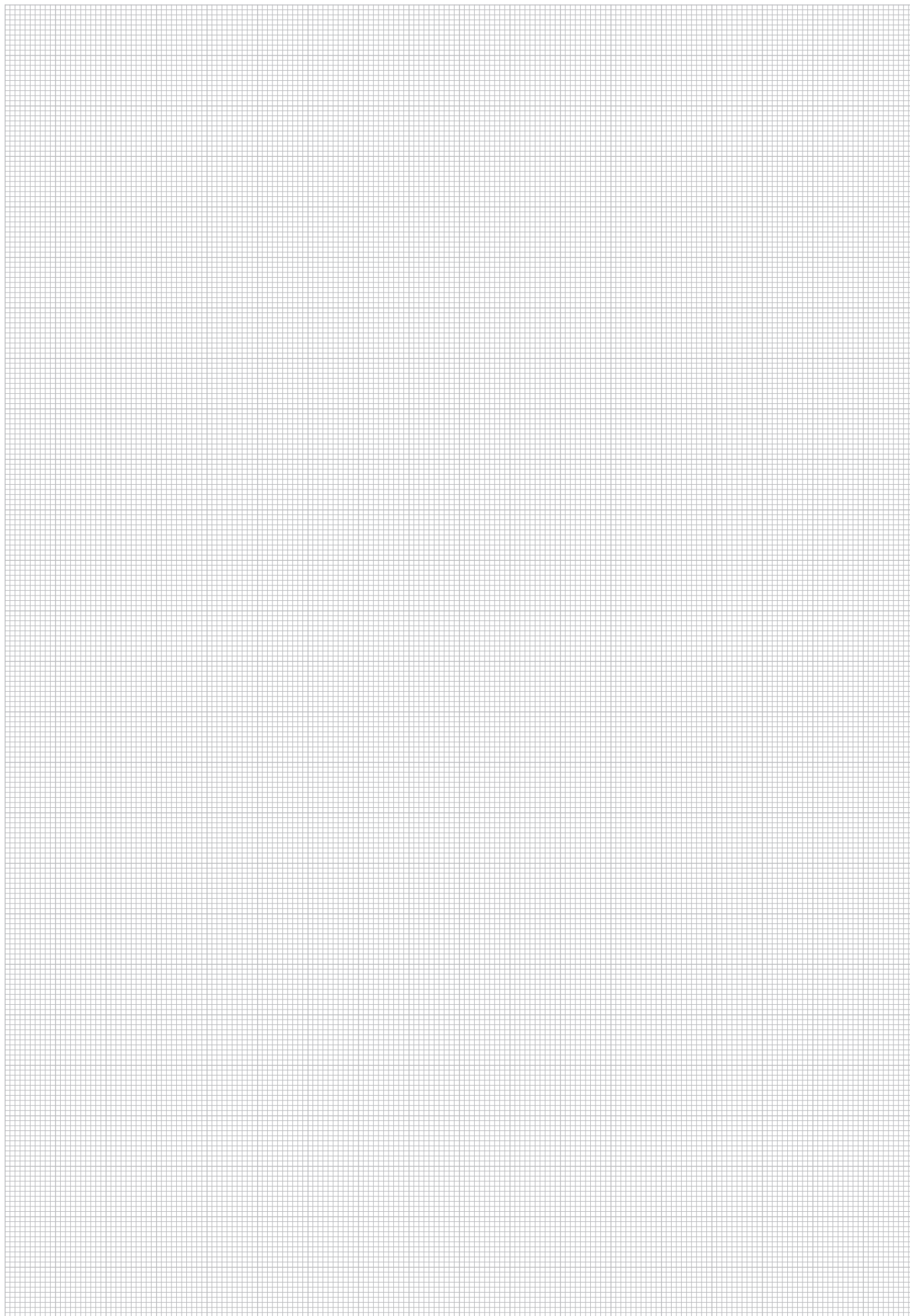
### QRC-FG-25-M



| Colour                                                                              | Ordering Codes         |
|-------------------------------------------------------------------------------------|------------------------|
|  | MR-QRC-59.3x1.4x3-K-RD |
|  | MR-QRC-59.3x1.4x3-K-BK |
|  | MR-QRC-59.3x1.4x3-K-YE |
|  | MR-QRC-59.3x1.4x3-K-BU |
|  | MR-QRC-59.3x1.4x3-K-GN |
|  | MR-QRC-59.3x1.4x3-K-OE |
|  | MR-QRC-59.3x1.4x3-K-PU |
|  | MR-QRC-59.3x1.4x3-K-GY |

**Note:** Two-Tone Colour Marking Rings are available on request. Please contact STAUFF for an individual offer.

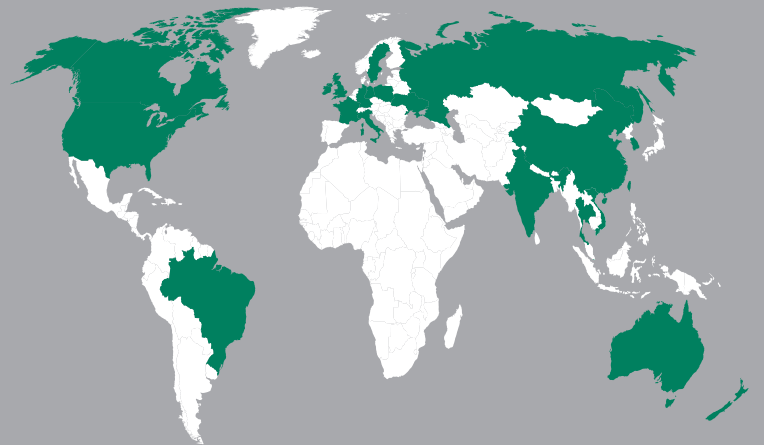






## Series FG

### Flat Face Screw-to-Connect Couplings



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