



Other designs in series 1700

The following other designs can be found from page:

- ▶ Stainless Steel P. 216
- ▶ Safety Self-Venting P. 296

Technical Description

Rectus Tema premium industrial coupling 1/2" with standard European profile. Suitable for compressed air applications with greater than average air consumption. Above-average flow values compared with standard market products. Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop.

Dust Protections  (P. 319) for Coupling Part.-No. SK27S

Working Temperature*
-20°C up to +100°C (NBR) depending on the medium.

* For temperatures below -20°C and over +100°C and depending on the medium, other seal variants (FKM, EPDM, FFKM) are available.



Working Pressure**

35 bar
** maximum static working pressure with safety factor 4 to 1.

35 bar

Material

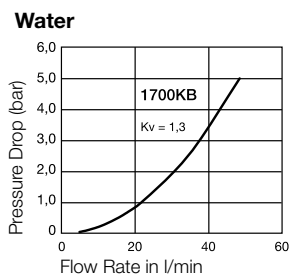
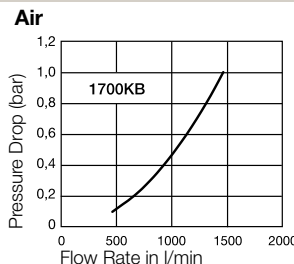
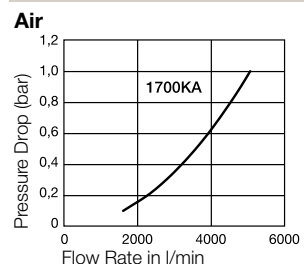
Coupling: Brass nickel plated, Steel QPQ treated
Plug: Steel nickel plated
Seals: NBR

Coupling: Brass nickel plated
Plug: Brass nickel plated
Seals: NBR

Interchangeability

- Rectus 27
- Rectus 1727
- Cejn 410

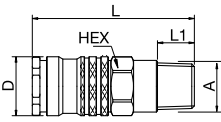
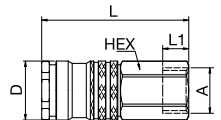
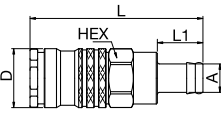
Flow diagrams





Couplings – with valve

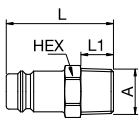
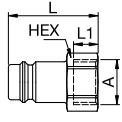
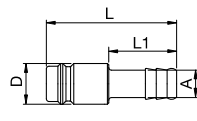
Series 1700KA

| | Connection A | HEX mm | HEX1 mm | L mm | L1 mm | L2 mm | D mm | B mm | G mm | Version | Part Number |
|--|--------------|--------|---------|------|-------|-------|------|------|------|---------|---------------|
|  <p>Male Thread</p> | R 3/8 | 24 | | 70 | 12 | | 27 | | | | 1700KAAK17SPN |
| | R 1/2 | 24 | | 75 | 17 | | 27 | | | | 1700KAAK21SPN |
| | R 3/4 | 27 | | 64 | 17 | | 27 | | | | 1700KAAK26SPN |
|  <p>Female Thread</p> | G 3/8 | 24 | | 64,5 | 10 | | 27 | | | | 1700KAIW17SPN |
| | G 1/2 | 24 | | 68 | 11 | | 27 | | | | 1700KAIW21SPN |
| | G 3/4 | 32 | | 69 | 14 | | 27 | | | | 1700KAIW26SPN |
|  <p>Hose Barb</p> | 10 mm | 24 | | 80 | 21 | | 27 | | | | 1700KATF10SPN |
| | 13 mm | 24 | | 80 | 21 | | 27 | | | | 1700KATF13SPN |
| | 16 mm | 24 | | 80 | 21 | | 27 | | | | 1700KATF16SPN |



Plugs – without valve

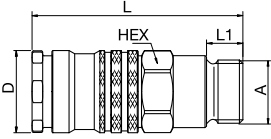
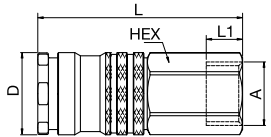
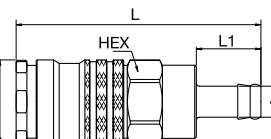
Series 27SF

| | Connection A | HEX mm | HEX1 mm | L mm | L1 mm | L2 mm | D mm | B mm | G mm | Version | Part Number |
|--|--------------|--------|---------|------|-------|-------|------|------|------|-------------|-------------|
|  <p>Male Thread</p> | R 1/4 | 17 | | 40 | 12 | | | | | | 27SFAK13SXN |
| | R 3/8 | 17 | | 40 | 12 | | | | | | 27SFAK17SXN |
| | R 1/2 | 22 | | 45 | 17 | | | | | | 27SFAK21SXN |
| | R 3/4 | 27 | | 48 | 19 | | | | | | 27SFAK26SXN |
|  <p>Female Thread</p> | G 1/4 | 17 | | 33 | 9 | | | | | | 27SFIW13SXN |
| | G 3/8 | 19 | | 33 | 12 | | | | | | 27SFIW17SXN |
| | G 1/2 | 24 | | 37 | 12 | | | | | | 27SFIW21SXN |
| | G 3/4 | 32 | | 42 | 16 | | | | | | 27SFIW26SXN |
|  <p>Hose Barb</p> | 6 mm | | | 48 | 25 | | 15 | | | | 27SFTF06SXN |
| | 8 mm | | | 48 | 25 | | 15 | | | | 27SFTF08SXN |
| | 9 mm | | | 48 | 25 | | 15 | | | | 27SFTF09SXN |
| | 10 mm | | | 48 | 25 | | 15 | | | | 27SFTF10SXN |
| | 13 mm | | | 48 | 25 | | 15 | | | | 27SFTF13SXN |
| | 16 mm | | | 48 | 25 | | 18 | | | | 27SFTF16SXN |
| 19 mm | | | 48 | 25 | | 21 | | | | 27SFTF19SXN | |



Couplings – with valve

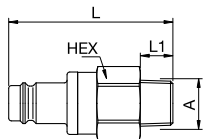
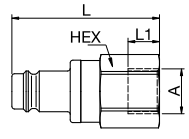
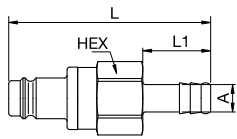
Series 1700KB

| | Connection A | HEX mm | HEX1 mm | L mm | L1 mm | L2 mm | D mm | B mm | G mm | Version | Part Number |
|--|--------------|--------|---------|------|-------|-------|------|------|------|---------|---------------|
|  <p>Male Thread</p> | G 3/8 | 24 | | 64,5 | 7 | | 27 | | | | 1700KBAW17BPN |
| | G 1/2 | 24 | | 69,5 | 12 | | 27 | | | | 1700KBAW21BPN |
| | G 3/4 | 30 | | 73,5 | 16 | | 27 | | | | 1700KBAW26BPN |
|  <p>Female Thread</p> | G 3/8 | 24 | | 67,5 | 12 | | 27 | | | | 1700KBIW17BPN |
| | G 1/2 | 24 | | 67,5 | 12 | | 27 | | | | 1700KBIW21BPN |
| | G 3/4 | 32 | | 73,5 | 16 | | 27 | | | | 1700KBIW26BPN |
|  <p>Hose Barb</p> | 10 mm | 24 | | 79,5 | 21 | | 27 | | | | 1700KBTF10BPN |
| | 13 mm | 24 | | 79,5 | 21 | | 27 | | | | 1700KBTF13BPN |
| | 16 mm | 24 | | 79,5 | 21 | | 27 | | | | 1700KBTF16BPN |
| | 19 mm | 24 | | 79,5 | 21 | | 27 | | | | 1700KBTF19BPN |



Plugs – with valve

Series 27SB

| | Connection A | HEX mm | HEX1 mm | L mm | L1 mm | L2 mm | D mm | B mm | G mm | Version | Part Number |
|--|--------------|--------|---------|------|-------|-------|------|------|------|---------|-------------|
|  <p>Male Thread</p> | R 1/4 | 24 | | 60,5 | 12 | | | | | | 27SBAK13MPN |
| | R 3/8 | 24 | | 60,5 | 12 | | | | | | 27SBAK17MPN |
| | R 1/2 | 24 | | 62,5 | 17 | | | | | | 27SBAK21MPN |
| | R 3/4 | 27 | | 62,5 | 17 | | | | | | 27SBAK26MPN |
|  <p>Female Thread</p> | G 1/4 | 24 | | 54,5 | 9 | | | | | | 27SBIW13MPN |
| | G 3/8 | 24 | | 54,5 | 9 | | | | | | 27SBIW17MPN |
| | G 1/2 | 24 | | 54,5 | 12 | | | | | | 27SBIW21MPN |
| | G 3/4 | 32 | | 58,5 | 16 | | | | | | 27SBIW26MPN |
|  <p>Hose Barb</p> | 6 mm | 24 | | 74 | 25 | | | | | | 27SBTF06MPN |
| | 8 mm | 24 | | 74 | 25 | | | | | | 27SBTF08MPN |
| | 9 mm | 24 | | 74 | 25 | | | | | | 27SBTF09MPN |
| | 10 mm | 24 | | 74 | 25 | | | | | | 27SBTF10MPN |
| | 13 mm | 24 | | 74 | 25 | | | | | | 27SBTF13MPN |
| | 16 mm | 24 | | 74 | 25 | | | | | | 27SBTF16MPN |
| | 19 mm | 24 | | 74 | 25 | | | | | | 27SBTF19MPN |