

**Andere Ausführungen Serie 21**

Folgende andere Ausführungen finden Sie ab Seite:

- |                    |        |
|--------------------|--------|
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| ➤ Kunststoff       | S. 176 |
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| ➤ Kodierte Systeme | S. 234 |

**Kompatibilität (für KA)**

- Camozzi
- Ewo
- Kani

Mini-Industriekupplung mit dem weltweit verbreitetsten Profil dieser Nennweite. Überdurchschnittliche Durchflussleistungen für flüssige und gasförmige Medien.

Kupplungssystem mit Einhandbedienung. Kleine Baumaße und große Bandbreite an Werkstoffen und Ventilvarianten.

Auf Anfrage ist Serie 21 mit weiteren Anschlussvarianten erhältlich.

**Staubschutzhappen** (S. 250)  
für Kupplung Art.-Nr. SK16S

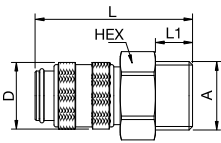
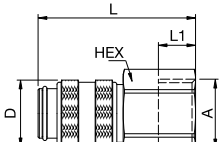
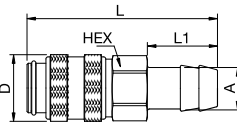
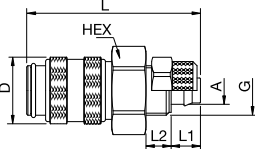
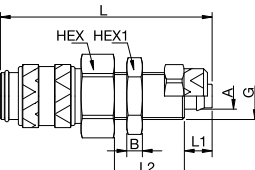
**Temperaturbereich\***

-20°C bis +100°C (NBR)  
abhängig vom Durchflussmedium.

\* Für Temperaturen unter -20°C und über +100°C und je nach Medium sind weitere Dichtungsvarianten erhältlich (FKM, EPDM, FFKM).

| <b>Druckbereich**</b><br>35 bar<br>** maximaler statischer Betriebsdruck (ohne Pulsation) bei min. 4-fachem statischen Auslegungsfaktor.                                 | 35 bar                                                                                                                                                                                                   | 8 bar                                                                                                                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Features</b>                                                                                                                                                          |                                                                                                                                                                                                          | <ul style="list-style-type: none"> <li>• Geringste, kaum wahrnehmbare Leckage beim Entkuppeln.</li> <li>• Kein Lufteinschluss ins System während des Kuppelvorgangs.</li> </ul>                             |
| <b>Werkstoffe</b><br><b>Kupplung:</b> Messing<br><b>Stecker:</b> Messing<br><b>Dichtungen:</b> NBR                                                                       | <b>Kupplung:</b> Messing<br><b>Stecker:</b> Messing<br><b>Dichtungen:</b> NBR                                                                                                                            | <b>Kupplung:</b> Messing<br><b>Stecker:</b> Messing<br><b>Dichtungen:</b> NBR                                                                                                                               |
| <b>Technische Informationen</b><br><b>Kupplerkraft 0 bar:</b> 35 N<br><b>Kupplerkraft 6 bar:</b> 60 N<br><br><b>Vakuum Kupplung:</b> 96%<br><b>Vakuum gekuppelt:</b> 96% | <b>Totraumvolumen:</b> 0,6 ml<br><br><b>Kupplerkraft 0 bar:</b> 40 N<br><b>Kupplerkraft 6 bar:</b> 80 N<br><br><b>Vakuum Kupplung:</b> 96%<br><b>Vakuum Stecker:</b> 96%<br><b>Vakuum gekuppelt:</b> 96% | <b>Totraumvolumen:</b> 0,0006 ml<br><br><b>Kupplerkraft 0 bar:</b> 35 N<br><b>Kupplerkraft 6 bar:</b> 60 N<br><br><b>Vakuum Kupplung:</b> 96%<br><b>Vakuum Stecker:</b> 96%<br><b>Vakuum gekuppelt:</b> 96% |
| <b>Durchfluss-Diagramme</b><br><br><b>Luft</b><br><br><b>Wasser</b><br>                                                                                                  | <b>Luft</b><br><br><b>Wasser</b><br>                                                                                                                                                                     | <b>Luft</b><br><br><b>Wasser</b><br>                                                                                                                                                                        |

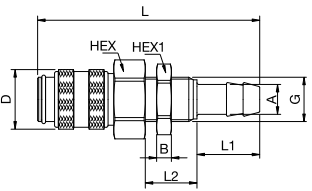
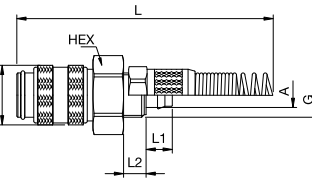


|                                                                                                                                           | Anschluss<br>A | HEX<br>mm | HEX1<br>mm | L<br>mm | L1<br>mm | L2<br>mm | D<br>mm | B<br>mm | G<br>mm  | Ausführung | Artikelnummer |
|-------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------|------------|---------|----------|----------|---------|---------|----------|------------|---------------|
|  <p>Außengewinde</p>                                     | G 1/8          | 14        |            | 36      | 7        |          | 16      |         |          | blank      | 21KLAW10MPX   |
|                                                                                                                                           | G 1/8          | 14        |            | 36      | 7        |          | 16      |         |          | vernickelt | 21KLAW10MPN   |
|                                                                                                                                           | G 1/4          | 17        |            | 38      | 9        |          | 16      |         |          | blank      | 21KLAW13MPX   |
|                                                                                                                                           | G 1/4          | 17        |            | 38      | 9        |          | 16      |         |          | vernickelt | 21KLAW13MPN   |
|                                                                                                                                           | G 3/8          | 19        |            | 38      | 9        |          | 16      |         |          | blank      | 21KLAW17MPX   |
|                                                                                                                                           | G 3/8          | 19        |            | 38      | 9        |          | 16      |         |          | vernickelt | 21KLAW17MPN   |
|  <p>Innengewinde</p>                                     | G 1/8          | 14        |            | 36      | 9        |          | 16      |         |          | blank      | 21KLIW10MPX   |
|                                                                                                                                           | G 1/8          | 14        |            | 36      | 9        |          | 16      |         |          | vernickelt | 21KLIW10MPN   |
|                                                                                                                                           | G 1/4          | 17        |            | 38      | 9        |          | 16      |         |          | blank      | 21KLIW13MPX   |
|                                                                                                                                           | G 1/4          | 17        |            | 38      | 9        |          | 16      |         |          | vernickelt | 21KLIW13MPN   |
|                                                                                                                                           | G 3/8          | 19        |            | 38      | 9        |          | 16      |         |          | blank      | 21KLIW17MPX   |
|                                                                                                                                           | G 3/8          | 19        |            | 38      | 9        |          | 16      |         |          | vernickelt | 21KLIW17MPN   |
|                                                                                                                                           | M 14 x 1,5     | 17        |            | 38      | 6        |          | 16      |         |          | blank      | 21KLIM14MPX   |
|  <p>Schlauchanschluss</p>                               | M 14 x 1,5     | 17        |            | 38      | 6        |          | 16      |         |          | vernickelt | 21KLIM14MPN   |
|                                                                                                                                           | 4 mm           | 14        |            | 46      | 17       |          | 16      |         |          | blank      | 21KLTF04MPX   |
|                                                                                                                                           | 4 mm           | 14        |            | 46      | 17       |          | 16      |         |          | vernickelt | 21KLTF04MPN   |
|                                                                                                                                           | 6 mm           | 14        |            | 46      | 17       |          | 16      |         |          | blank      | 21KLTF06MPX   |
|                                                                                                                                           | 6 mm           | 14        |            | 46      | 17       |          | 16      |         |          | vernickelt | 21KLTF06MPN   |
|                                                                                                                                           | 8 mm           | 14        |            | 46      | 17       |          | 16      |         |          | blank      | 21KLTF08MPX   |
|                                                                                                                                           | 8 mm           | 14        |            | 46      | 17       |          | 16      |         |          | vernickelt | 21KLTF08MPN   |
|                                                                                                                                           | 9 mm           | 14        |            | 46      | 17       |          | 16      |         |          | blank      | 21KLTF09MPX   |
|                                                                                                                                           | 9 mm           | 14        |            | 46      | 17       |          | 16      |         |          | vernickelt | 21KLTF09MPN   |
|                                                                                                                                           | 10 mm          | 14        |            | 46      | 17       |          | 16      |         |          | blank      | 21KLTF10MPX   |
|  <p>für Kunststoffschlauch</p>                         | 10 mm          | 14        |            | 46      | 17       |          | 16      |         |          | vernickelt | 21KLTF10MPN   |
|                                                                                                                                           | 4 x 6 mm       | 14        |            | 42      | 7        | 6        | 16      |         | M 10 x 1 | blank      | 21KLKO06MPX   |
|                                                                                                                                           | 4 x 6 mm       | 14        |            | 42      | 7        | 6        | 16      |         | M 10 x 1 | vernickelt | 21KLKO06MPN   |
|                                                                                                                                           | 6 x 8 mm       | 14        |            | 42      | 7        | 6        | 16      |         | M 12 x 1 | blank      | 21KLKO08MPX   |
|                                                                                                                                           | 6 x 8 mm       | 14        |            | 42      | 7        | 6        | 16      |         | M 12 x 1 | vernickelt | 21KLKO08MPN   |
|  <p>Schottverschraubung<br/>für Kunststoffschlauch</p> |                |           |            |         |          |          |         |         |          |            |               |
|                                                                                                                                           | 4 x 6 mm       | 14        | 14         | 54      | 7        | 18       | 16      |         | M 10 x 1 | blank      | 21KLKS06MPX   |
|                                                                                                                                           | 4 x 6 mm       | 14        | 14         | 54      | 7        | 18       | 16      |         | M 10 x 1 | vernickelt | 21KLKS06MPN   |
|                                                                                                                                           | 6 x 8 mm       | 17        | 17         | 54      | 7        | 18       | 16      |         | M 12 x 1 | blank      | 21KLKS08MPX   |
|                                                                                                                                           | 6 x 8 mm       | 17        | 17         | 54      | 7        | 18       | 16      |         | M 12 x 1 | vernickelt | 21KLKS08MPN   |



## Kupplungen – flachdichtend

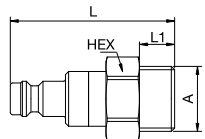
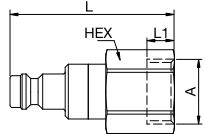
## Serie 21KL

|                                                                                                                                        | Anschluss<br>A | HEX<br>mm | HEX1<br>mm | L<br>mm | L1<br>mm | L2<br>mm | D<br>mm | B<br>mm | G<br>mm  | Ausführung | Artikelnummer |
|----------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------|------------|---------|----------|----------|---------|---------|----------|------------|---------------|
|  <p>Schottverschraubung für<br/>Schlauchanschluss</p> | 4 mm           | 14        | 14         | 60      | 17       | 14       | 16      | 4       | M 10 x 1 | blank      | 21KLTS04MPX   |
|                                                                                                                                        | 4 mm           | 14        | 14         | 60      | 17       | 14       | 16      | 4       | M 10 x 1 | vernickelt | 21KLTS04MPN   |
|                                                                                                                                        | 5 mm           | 17        | 17         | 60      | 17       | 14       | 16      | 4       | M 12 x 1 | blank      | 21KLTS05MPX   |
|                                                                                                                                        | 5 mm           | 17        | 17         | 60      | 17       | 14       | 16      | 4       | M 12 x 1 | vernickelt | 21KLTS05MPN   |
|                                                                                                                                        | 6 mm           | 17        | 17         | 60      | 17       | 14       | 16      | 4       | M 12 x 1 | blank      | 21KLTS06MPX   |
|                                                                                                                                        | 8 mm           | 17        | 17         | 60      | 17       | 14       | 16      | 4       | M 12 x 1 | blank      | 21KLTS08MPX   |
|                                                                                                                                        | 8 mm           | 17        | 17         | 60      | 17       | 14       | 16      | 4       | M 12 x 1 | vernickelt | 21KLTS08MPN   |
|  <p>mit Knickschutzfeder</p>                          | 4 x 6 mm       | 14        |            | 125     | 7        | 6        | 16      |         | M 10 x 1 | blank      | 21KLKK06MPX   |
|                                                                                                                                        | 4 x 6 mm       | 14        |            | 125     | 7        | 6        | 16      |         | M 10 x 1 | vernickelt | 21KLKK06MPN   |
|                                                                                                                                        | 6 x 8 mm       | 14        |            | 130     | 7        | 6        | 16      |         | M 10 x 1 | blank      | 21KLKK08MPX   |
|                                                                                                                                        | 6 x 8 mm       | 14        |            | 130     | 7        | 6        | 16      |         | M 10 x 1 | vernickelt | 21KLKK08MPN   |
|                                                                                                                                        |                |           |            |         |          |          |         |         |          |            |               |
|                                                                                                                                        |                |           |            |         |          |          |         |         |          |            |               |

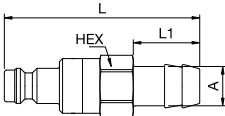
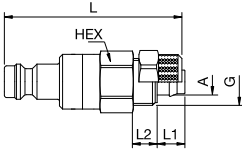
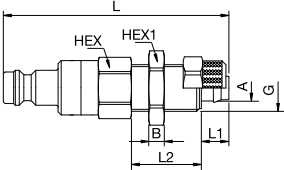
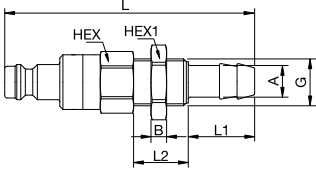
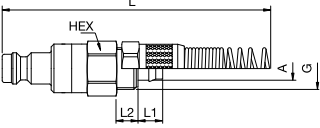


## Stecknippel – flachdichtend

## Serie 21KL

|                                                                                                         | Anschluss<br>A | HEX<br>mm | HEX1<br>mm | L<br>mm | L1<br>mm | L2<br>mm | D<br>mm | B<br>mm | G<br>mm | Ausführung | Artikelnummer |
|---------------------------------------------------------------------------------------------------------|----------------|-----------|------------|---------|----------|----------|---------|---------|---------|------------|---------------|
|  <p>Außengewinde</p> | G 1/8          | 14        |            | 40      | 7        |          |         |         |         | blank      | 21SLAW10MPX   |
|                                                                                                         | G 1/8          | 14        |            | 40      | 7        |          |         |         |         | vernickelt | 21SLAW10MPN   |
|                                                                                                         | G 1/4          | 17        |            | 42      | 9        |          |         |         |         | blank      | 21SLAW13MPX   |
|                                                                                                         | G 1/4          | 17        |            | 42      | 9        |          |         |         |         | vernickelt | 21SLAW13MPN   |
|                                                                                                         | M 12 x 1,5     | 17        |            | 43      | 10       |          |         |         |         | blank      | 21SLAD12MPX   |
|                                                                                                         | M 12 x 1,5     | 17        |            | 43      | 10       |          |         |         |         | vernickelt | 21SLAD12MPN   |
|  <p>Innengewinde</p> | G 1/8          | 14        |            | 40      | 7        |          |         |         |         | blank      | 21SLIW10MPX   |
|                                                                                                         | G 1/8          | 14        |            | 40      | 7        |          |         |         |         | vernickelt | 21SLIW10MPN   |
|                                                                                                         | G 1/4          | 17        |            | 42      | 7        |          |         |         |         | blank      | 21SLIW13MPX   |
|                                                                                                         | G 1/4          | 17        |            | 42      | 7        |          |         |         |         | vernickelt | 21SLIW13MPN   |
|                                                                                                         | G 3/8          | 19        |            | 42      | 7        |          |         |         |         | blank      | 21SLIW17MPX   |
|                                                                                                         | G 3/8          | 19        |            | 42      | 7        |          |         |         |         | vernickelt | 21SLIW17MPN   |
|                                                                                                         |                |           |            |         |          |          |         |         |         |            |               |



|                                                                                                                                          | Anschluss<br>A | HEX<br>mm | HEX1<br>mm | L<br>mm | L1<br>mm | L2<br>mm | D<br>mm | B<br>mm | G<br>mm  | Ausführung | Artikelnummer |
|------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------|------------|---------|----------|----------|---------|---------|----------|------------|---------------|
|  <p>Schlauchanschluss</p>                               | 4 mm           | 14        |            | 50      | 17       |          |         |         |          | blank      | 21SLTF04MPX   |
|                                                                                                                                          | 4 mm           | 14        |            | 50      | 17       |          |         |         |          | vernickelt | 21SLTF04MPN   |
|                                                                                                                                          | 6 mm           | 14        |            | 50      | 17       |          |         |         |          | blank      | 21SLTF06MPX   |
|                                                                                                                                          | 6 mm           | 14        |            | 50      | 17       |          |         |         |          | vernickelt | 21SLTF06MPN   |
|                                                                                                                                          | 8 mm           | 14        |            | 50      | 17       |          |         |         |          | blank      | 21SLTF08MPX   |
|                                                                                                                                          | 8 mm           | 14        |            | 50      | 17       |          |         |         |          | vernickelt | 21SLTF08MPN   |
|                                                                                                                                          | 9 mm           | 14        |            | 50      | 17       |          |         |         |          | blank      | 21SLTF09MPX   |
|                                                                                                                                          | 9 mm           | 14        |            | 50      | 17       |          |         |         |          | vernickelt | 21SLTF09MPN   |
|                                                                                                                                          | 10 mm          | 14        |            | 50      | 17       |          |         |         |          | blank      | 21SLTF10MPX   |
|                                                                                                                                          | 10 mm          | 14        |            | 50      | 17       |          |         |         |          | vernickelt | 21SLTF10MPN   |
|  <p>für Kunststoffschlauch</p>                          | 4 x 6 mm       | 14        |            | 46      | 7        | 6        |         |         | M 10 x 1 | blank      | 21SLKO06MPX   |
|                                                                                                                                          | 4 x 6 mm       | 14        |            | 46      | 7        | 6        |         |         | M 10 x 1 | vernickelt | 21SLKO06MPN   |
|                                                                                                                                          | 6 x 8 mm       | 14        |            | 46      | 7        | 6        |         |         | M 12 x 1 | blank      | 21SLKO08MPX   |
|                                                                                                                                          | 6 x 8 mm       | 14        |            | 46      | 7        | 6        |         |         | M 12 x 1 | vernickelt | 21SLKO08MPN   |
|  <p>Schottverschraubung<br/>für Kunststoffschlauch</p> | 6 x 8 mm       | 14        | 17         | 58      | 7        | 18       |         | 4       | M 12 x 1 | blank      | 21SLKS08MPX   |
|                                                                                                                                          | 6 x 8 mm       | 14        | 17         | 58      | 7        | 18       |         | 4       | M 12 x 1 | vernickelt | 21SLKS08MPN   |
|  <p>Schottverschraubung<br/>für Schlauchanschluss</p> | 5 mm           | 14        | 14         | 64      | 17       | 14       |         | 4       | M 12 x 1 | blank      | 21SLTS05MPX   |
|                                                                                                                                          | 5 mm           | 14        | 14         | 64      | 17       | 14       |         | 4       | M 12 x 1 | vernickelt | 21SLTS05MPN   |
|                                                                                                                                          | 6 mm           | 14        | 17         | 64      | 17       | 14       |         | 4       | M 12 x 1 | blank      | 21SLTS06MPX   |
|                                                                                                                                          | 6 mm           | 14        | 17         | 64      | 17       | 14       |         | 4       | M 12 x 1 | vernickelt | 21SLTS06MPN   |
|                                                                                                                                          | 10 mm          | 14        | 19         | 64      | 17       | 14       |         | 4       | M 14 x 1 | blank      | 21SLTS10MPX   |
|                                                                                                                                          | 10 mm          | 14        | 19         | 64      | 17       | 14       |         | 4       | M 14 x 1 | vernickelt | 21SLTS10MPN   |
|  <p>mit Knickschutzfeder</p>                          | 4 x 6 mm       | 14        |            | 130     | 7        | 6        |         |         | M 10 x 1 | blank      | 21SLKK06MPX   |
|                                                                                                                                          | 4 x 6 mm       | 14        |            | 130     | 7        | 6        |         |         | M 10 x 1 | vernickelt | 21SLKK06MPN   |
|                                                                                                                                          | 6 x 8 mm       | 14        |            | 135     | 7        | 6        |         |         | M 12 x 1 | blank      | 21SLKK08MPX   |
|                                                                                                                                          | 6 x 8 mm       | 14        |            | 135     | 7        | 6        |         |         | M 12 x 1 | vernickelt | 21SLKK08MPN   |