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**MATERIAL**

Aluminium, matt.  
Schrauben und Muttern Edelstahl 1.4301.

**STANDARDAUSFÜHRUNGEN**

- GN 141-B-B: für Rundrohre.
- GN 141-B-V: für runde Rohre und Vierkantrohre.
- GN 141-V-V: für Vierkantrohre.
- GN 141-V-B: für Vierkantrohre und runde Rohre

**Oberflächen Index:**

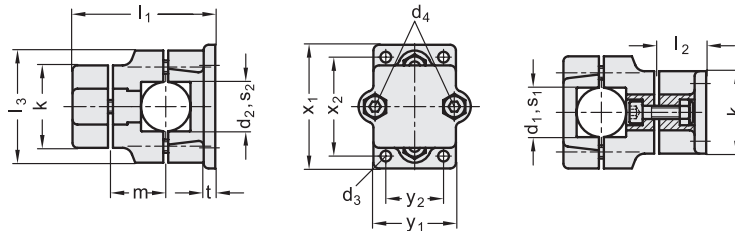
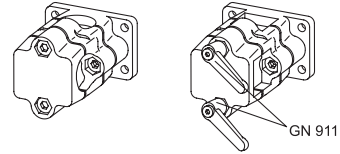
- **BL:** naturfarben.
- **SW:** kunststoffbeschichtet, resistent gegen UV Strahlung, schwarz, RAL 9005.

**FUNKTIONEN UND ANWENDUNGEN**

Die Klemmbohrungen der Kreuzflansch-Klemmverbinder GN 141 sind bearbeitet und ausgelegt für Konstruktionsrohre GN 990 (siehe Seite 1368).

Innerhalb des selben Nennmasses kann der Klemmverbinder mit Bohrungen d1 und d2, Vierkant s1 und s2 geliefert werden, oder in Kombination von runden Bohrungen und Vierkantbohrungen.

Die Spannschraube d4 kann durch das Klemmhebelset werden GN 911 (siehe Seite 1372).



**GN 141-B-B**

| Code     | Artikelnummer       | d1 - d2 | d3  | d4  | k  | l1  | l2 | l3 | m  | t  | x1  | x2 | y1 | y2 | d4 Klemmhebelsets | ⚖    |
|----------|---------------------|---------|-----|-----|----|-----|----|----|----|----|-----|----|----|----|-------------------|------|
| GN.44711 | GN 141-B20-B20-2-BL | B20-B20 | 6.5 | M8  | 50 | 89  | 30 | 68 | 36 | 7  | 75  | 60 | 50 | 35 | GN 911-M8-35      | 400  |
| GN.44751 | GN 141-B25-B25-2-BL | B25-B25 | 6.5 | M8  | 50 | 89  | 30 | 68 | 36 | 7  | 75  | 60 | 50 | 35 | GN 911-M8-35      | 385  |
| GN.44791 | GN 141-B30-B30-2-BL | B30-B30 | 6.5 | M8  | 50 | 89  | 30 | 68 | 36 | 7  | 75  | 60 | 50 | 35 | GN 911-M8-35      | 365  |
| GN.44831 | GN 141-B40-B40-2-BL | B40-B40 | 11  | M10 | 76 | 136 | 46 | 98 | 55 | 14 | 115 | 90 | 76 | 50 | GN 911-M10-63     | 1115 |
| GN.44871 | GN 141-B42-B42-2-BL | B42-B42 | 11  | M10 | 76 | 136 | 46 | 98 | 55 | 14 | 115 | 90 | 76 | 50 | GN 911-M10-63     | 1095 |
| GN.44891 | GN 141-B45-B45-2-BL | B45-B45 | 11  | M10 | 76 | 136 | 46 | 98 | 55 | 14 | 115 | 90 | 76 | 50 | GN 911-M10-63     | 1075 |
| GN.44931 | GN 141-B48-B48-2-BL | B48-B48 | 11  | M10 | 76 | 136 | 46 | 98 | 55 | 14 | 115 | 90 | 76 | 50 | GN 911-M10-63     | 1060 |
| GN.44951 | GN 141-B50-B50-2-BL | B50-B50 | 11  | M10 | 76 | 136 | 46 | 98 | 55 | 14 | 115 | 90 | 76 | 50 | GN 911-M10-63     | 1030 |
| GN.44716 | GN 141-B20-B20-2-SW | B20-B20 | 6.5 | M8  | 50 | 89  | 30 | 68 | 36 | 7  | 75  | 60 | 50 | 35 | GN 911-M8-35      | 402  |
| GN.44756 | GN 141-B25-B25-2-SW | B25-B25 | 6.5 | M8  | 50 | 89  | 30 | 68 | 36 | 7  | 75  | 60 | 50 | 35 | GN 911-M8-35      | 386  |
| GN.44796 | GN 141-B30-B30-2-SW | B30-B30 | 6.5 | M8  | 50 | 89  | 30 | 68 | 36 | 7  | 75  | 60 | 50 | 35 | GN 911-M8-35      | 368  |
| GN.44836 | GN 141-B40-B40-2-SW | B40-B40 | 11  | M10 | 76 | 136 | 46 | 98 | 55 | 14 | 115 | 90 | 76 | 50 | GN 911-M10-63     | 1118 |
| GN.44876 | GN 141-B42-B42-2-SW | B42-B42 | 11  | M10 | 76 | 136 | 46 | 98 | 55 | 14 | 115 | 90 | 76 | 50 | GN 911-M10-63     | 1094 |
| GN.44896 | GN 141-B45-B45-2-SW | B45-B45 | 11  | M10 | 76 | 136 | 46 | 98 | 55 | 14 | 115 | 90 | 76 | 50 | GN 911-M10-63     | 1074 |
| GN.44936 | GN 141-B48-B48-2-SW | B48-B48 | 11  | M10 | 76 | 136 | 46 | 98 | 55 | 14 | 115 | 90 | 76 | 50 | GN 911-M10-63     | 1059 |
| GN.44956 | GN 141-B50-B50-2-SW | B50-B50 | 11  | M10 | 76 | 136 | 46 | 98 | 55 | 14 | 115 | 90 | 76 | 50 | GN 911-M10-63     | 1031 |

Rohrverbinder



## GN 141-B-V

| Code     | Artikelnummer       | d1 - s2 | d3  | d4   | k  | l1  | l2 | l3 | m  | t  | x1  | x2 | y1 | y2 | d4<br>Klemmhebelsets |      |
|----------|---------------------|---------|-----|------|----|-----|----|----|----|----|-----|----|----|----|----------------------|------|
| GN.44731 | GN 141-B20-V20-2-BL | B20-V20 | 6.5 | M 8  | 50 | 89  | 30 | 68 | 36 | 7  | 75  | 60 | 50 | 35 | GN 911-M8-35         | 395  |
| GN.44771 | GN 141-B25-V25-2-BL | B25-V25 | 6.5 | M 8  | 50 | 89  | 30 | 68 | 36 | 7  | 75  | 60 | 50 | 35 | GN 911-M8-35         | 375  |
| GN.44811 | GN 141-B30-V30-2-BL | B30-V30 | 6.5 | M 8  | 50 | 89  | 30 | 68 | 36 | 7  | 75  | 60 | 50 | 35 | GN 911-M8-35         | 355  |
| GN.44851 | GN 141-B40-V40-2-BL | B40-V40 | 11  | M 10 | 76 | 136 | 46 | 98 | 55 | 14 | 115 | 90 | 76 | 50 | GN 911-M10-63        | 1000 |
| GN.44911 | GN 141-B45-V45-2-BL | B45-V45 | 11  | M 10 | 76 | 136 | 46 | 98 | 55 | 14 | 115 | 90 | 76 | 50 | GN 911-M10-63        | 945  |
| GN.44971 | GN 141-B50-V50-2-BL | B50-V50 | 11  | M 10 | 76 | 136 | 46 | 98 | 55 | 14 | 115 | 90 | 76 | 50 | GN 911-M10-63        | 920  |
| GN.44736 | GN 141-B20-V20-2-SW | B20-V20 | 6.5 | M 8  | 50 | 89  | 30 | 68 | 36 | 7  | 75  | 60 | 50 | 35 | GN 911-M8-35         | 395  |
| GN.44776 | GN 141-B25-V25-2-SW | B25-V25 | 6.5 | M 8  | 50 | 89  | 30 | 68 | 36 | 7  | 75  | 60 | 50 | 35 | GN 911-M8-35         | 375  |
| GN.44816 | GN 141-B30-V30-2-SW | B30-V30 | 6.5 | M 8  | 50 | 89  | 30 | 68 | 36 | 7  | 75  | 60 | 50 | 35 | GN 911-M8-35         | 355  |
| GN.44856 | GN 141-B40-V40-2-SW | B40-V40 | 11  | M 10 | 76 | 136 | 46 | 98 | 55 | 14 | 115 | 90 | 76 | 50 | GN 911-M10-63        | 1000 |
| GN.44916 | GN 141-B45-V45-2-SW | B45-V45 | 11  | M 10 | 76 | 136 | 46 | 98 | 55 | 14 | 115 | 90 | 76 | 50 | GN 911-M10-63        | 945  |
| GN.44976 | GN 141-B50-V50-2-SW | B50-V50 | 11  | M 10 | 76 | 136 | 46 | 98 | 55 | 14 | 115 | 90 | 76 | 50 | GN 911-M10-63        | 920  |

## GN 141-V-V

| Code     | Artikelnummer       | s1 - s2 | d3  | d4   | k  | l1  | l2 | l3 | m  | t  | x1  | x2 | y1 | y2 | d4<br>Klemmhebelsets |      |
|----------|---------------------|---------|-----|------|----|-----|----|----|----|----|-----|----|----|----|----------------------|------|
| GN.45031 | GN 141-V20-V20-2-BL | V20-V20 | 6.5 | M 8  | 50 | 89  | 30 | 68 | 36 | 7  | 75  | 60 | 50 | 35 | GN 911-M8-35         | 390  |
| GN.45071 | GN 141-V25-V25-2-BL | V25-V25 | 6.5 | M 8  | 50 | 89  | 30 | 68 | 36 | 7  | 75  | 60 | 50 | 35 | GN 911-M8-35         | 365  |
| GN.45111 | GN 141-V30-V30-2-BL | V30-V30 | 6.5 | M 8  | 50 | 89  | 30 | 68 | 36 | 7  | 75  | 60 | 50 | 35 | GN 911-M8-35         | 340  |
| GN.45151 | GN 141-V40-V40-2-BL | V40-V40 | 11  | M 10 | 76 | 136 | 46 | 98 | 55 | 14 | 115 | 90 | 76 | 50 | GN 911-M10-63        | 1090 |
| GN.45191 | GN 141-V45-V45-2-BL | V45-V45 | 11  | M 10 | 76 | 136 | 46 | 98 | 55 | 14 | 115 | 90 | 76 | 50 | GN 911-M10-63        | 1040 |
| GN.45231 | GN 141-V50-V50-2-BL | V50-V50 | 11  | M 10 | 76 | 136 | 46 | 98 | 55 | 14 | 115 | 90 | 76 | 50 | GN 911-M10-63        | 975  |
| GN.45036 | GN 141-V20-V20-2-SW | V20-V20 | 6.5 | M 8  | 50 | 89  | 30 | 68 | 36 | 7  | 75  | 60 | 50 | 35 | GN 911-M8-35         | 390  |
| GN.45076 | GN 141-V25-V25-2-SW | V25-V25 | 6.5 | M 8  | 50 | 89  | 30 | 68 | 36 | 7  | 75  | 60 | 50 | 35 | GN 911-M8-35         | 365  |
| GN.45116 | GN 141-V30-V30-2-SW | V30-V30 | 6.5 | M 8  | 50 | 89  | 30 | 68 | 36 | 7  | 75  | 60 | 50 | 35 | GN 911-M8-35         | 340  |
| GN.45156 | GN 141-V40-V40-2-SW | V40-V40 | 11  | M 10 | 76 | 136 | 46 | 98 | 55 | 14 | 115 | 90 | 76 | 50 | GN 911-M10-63        | 1090 |
| GN.45196 | GN 141-V45-V45-2-SW | V45-V45 | 11  | M 10 | 76 | 136 | 46 | 98 | 55 | 14 | 115 | 90 | 76 | 50 | GN 911-M10-63        | 1040 |
| GN.45236 | GN 141-V50-V50-2-SW | V50-V50 | 11  | M 10 | 76 | 136 | 46 | 98 | 55 | 14 | 115 | 90 | 76 | 50 | GN 911-M10-63        | 975  |

## GN 141-V-B

| Code     | Artikelnummer       | s1 - d2 | d3  | d4   | k  | l1  | l2 | l3 | m  | t  | x1  | x2 | y1 | y2 | d4<br>Klemmhebelsets |      |
|----------|---------------------|---------|-----|------|----|-----|----|----|----|----|-----|----|----|----|----------------------|------|
| GN.45011 | GN 141-V20-B20-2-BL | V20-B20 | 6.5 | M 8  | 50 | 89  | 30 | 68 | 36 | 7  | 75  | 60 | 50 | 35 | GN 911-M8-35         | 395  |
| GN.45051 | GN 141-V25-B25-2-BL | V25-B25 | 6.5 | M 8  | 50 | 89  | 30 | 68 | 36 | 7  | 75  | 60 | 50 | 35 | GN 911-M8-35         | 375  |
| GN.45091 | GN 141-V30-B30-2-BL | V30-B30 | 6.5 | M 8  | 50 | 89  | 30 | 68 | 36 | 7  | 75  | 60 | 50 | 35 | GN 911-M8-35         | 355  |
| GN.45131 | GN 141-V40-B40-2-BL | V40-B40 | 11  | M 10 | 76 | 136 | 46 | 98 | 55 | 14 | 115 | 90 | 76 | 50 | GN 911-M10-63        | 1030 |
| GN.45171 | GN 141-V45-B45-2-BL | V45-B45 | 11  | M 10 | 76 | 136 | 46 | 98 | 55 | 14 | 115 | 90 | 76 | 50 | GN 911-M10-63        | 980  |
| GN.45211 | GN 141-V50-B50-2-BL | V50-B50 | 11  | M 10 | 76 | 136 | 46 | 98 | 55 | 14 | 115 | 90 | 76 | 50 | GN 911-M10-63        | 950  |
| GN.45016 | GN 141-V20-B20-2-SW | V20-B20 | 6.5 | M 8  | 50 | 89  | 30 | 68 | 36 | 7  | 75  | 60 | 50 | 35 | GN 911-M8-35         | 395  |
| GN.45056 | GN 141-V25-B25-2-SW | V25-B25 | 6.5 | M 8  | 50 | 89  | 30 | 68 | 36 | 7  | 75  | 60 | 50 | 35 | GN 911-M8-35         | 375  |
| GN.45096 | GN 141-V30-B30-2-SW | V30-B30 | 6.5 | M 8  | 50 | 89  | 30 | 68 | 36 | 7  | 75  | 60 | 50 | 35 | GN 911-M8-35         | 355  |
| GN.45136 | GN 141-V40-B40-2-SW | V40-B40 | 11  | M 10 | 76 | 136 | 46 | 98 | 55 | 14 | 115 | 90 | 76 | 50 | GN 911-M10-63        | 1030 |
| GN.45176 | GN 141-V45-B45-2-SW | V45-B45 | 11  | M 10 | 76 | 136 | 46 | 98 | 55 | 14 | 115 | 90 | 76 | 50 | GN 911-M10-63        | 980  |
| GN.45216 | GN 141-V50-B50-2-SW | V50-B50 | 11  | M 10 | 76 | 136 | 46 | 98 | 55 | 14 | 115 | 90 | 76 | 50 | GN 911-M10-63        | 950  |