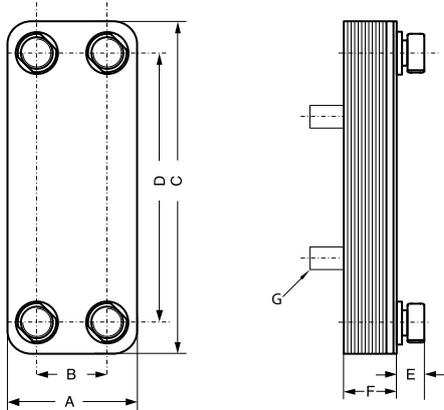


**PK-Plattenwärmetauscher für den industriellen Einsatz**  
*PK-Heat Exchangers for industrial use*

## Abmessungen *Dimensions*



| Typen<br>Types | A   | B   | C   | D     | E  | F               | G           |
|----------------|-----|-----|-----|-------|----|-----------------|-------------|
| PK-10          | 74  | 40  | 204 | 170   | 20 | 10.0 + 2,30 x n | 2 x M8 x 20 |
| PK-20          | 90  | 43  | 231 | 182   | 20 | 13.0 + 2,35 x n | 2 x M8 x 20 |
| PK-220         | 90  | 43  | 328 | 279   | 20 | 13.0 + 2,35 x n | 4 x M8 x 20 |
| PK-240         | 90  | 43  | 464 | 415   | 20 | 12.0 + 2,30 x n | 4 x M8 x 20 |
| PK-30          | 124 | 73  | 173 | 120   | 20 | 13.0 + 2,35 x n | 2 x M8 x 20 |
| PK-40          | 124 | 73  | 335 | 281   | 20 | 13.0 + 2,30 x n | 4 x M8 x 20 |
| PK-50          | 124 | 73  | 532 | 478   | 20 | 13.0 + 2,30 x n | optional    |
| PK-70L/M       | 271 | 200 | 532 | 460   | 65 | 13.5 + 2,35 x n | optional    |
| PK-80          | 271 | 161 | 532 | 421   | 65 | 13.5 + 2,35 x n | optional    |
| PK-90          | 271 | 161 | 802 | 690   | 65 | 13.5 + 2,35 x n | optional    |
| PK-100         | 380 | 237 | 875 | 723,3 | 65 | 23.0 + 2,35 x n | optional    |

\* Das Maß „F“ ergibt sich bei PK-10 bis PK-100 durch die Plattenzahl und den Wert Kopfplatte + Fußplatte. n = Anzahl der Platten

\*\* Bodenkonsole BK 35 für PK-30 bis PK-50 und Bodenkonsole BK 79 für PK-70 bis PK-90

\* The dimension „F“ results for PK-10 to PK-100 from the number of plates and the value cover plate + base plate. n = number of plates

\*\* Floorbracket BK 35 for PK-30 up to PK-50 and Floorbracket BK 79 for PK-70 up to PK-90

## Technische Daten

**Geräteanschlüsse:** F1 Primär – Ein  
 F2 Primär – Aus  
 F3 Sekundär – Aus  
 F4 Sekundär – Ein

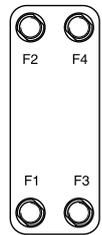
**Plattenmaterial:** Edelstahl (1.4404)  
**Lot:** Kupfer  
**Betriebsdruck max.:** 30 bar (Nickel 16 bar)  
**Temperatur max.:** ±195 °C



## Technical Data

**Connection ports** F1 Primary – On  
 F2 Primary – Off  
 F3 Secondary – Off  
 F4 Secondary – On

**Plate material:** Stainless steel (AISI316L)  
**Solder:** Copper  
**Operating pressure max.:** 30 bar (nickel 16 bar)  
**Operating temperature max.:** ±195 °C



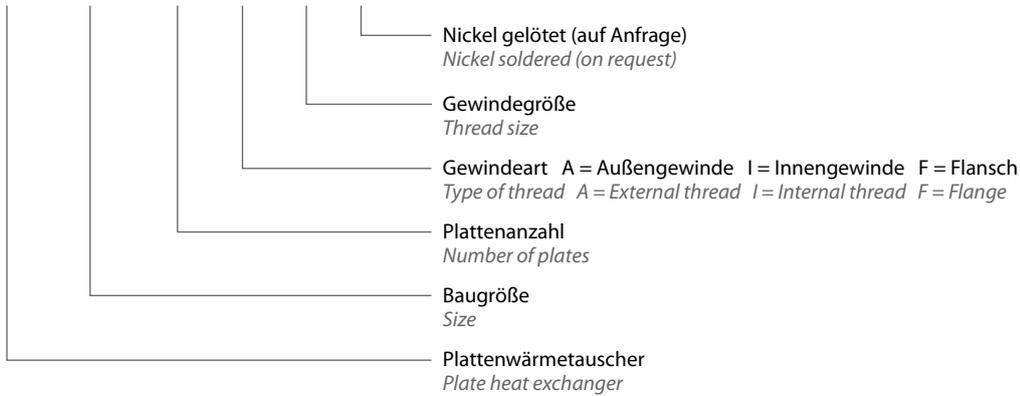
| Baugröße<br>Size | Plattenanzahl<br>No. of plates  | Innengewinde<br>Internal thread<br>I | Schlüsselweite<br>Key width<br>SW | Außengewinde<br>External thread<br>A | Flansch<br>Flange<br>F |
|------------------|---|--------------------------------------|-----------------------------------|--------------------------------------|------------------------|
| PK-10            | 8, 10, 14, 20, 24, 30, 34, 40, 44, 50   | G 1/2"                               | --,                               | G 1/2", G 3/4"                       | --                     |
| PK-20            | 8, 10, 14, 20, 24, 30, 34, 40, 44, 50   | G 1/2", G 3/4"                       | --, SW 30                         | G 1/2", G 3/4", G1"                  | 317                    |
| PK-220<br>PK-240 | 8, 10, 14, 20, 24, 30, 34, 40, 44, 50   | G 1/2", G 3/4"                       | --, SW 30                         | G 1/2", G 3/4", G1"                  | 317                    |
| PK-30            | 8, 10, 14, 20, 24, 30, 34, 40, 44, 50   | G 1/2" bis G1"                       | SW 36, SW 46                      | G 3/4", G1", G1 1/4"                 | 455                    |
| PK-40<br>PK-50   | 8, 10, 14, 20, 24, 30, 34, 40, 44, 50, 60, 70, 80, 90, 100                          | G 3/4" bis G1"                       | SW 36, SW 46                      | G 3/4", G1", G1 1/4"                 |                        |
| PK-70L/70M       | 20, 24, 30, 34, 40, 44, 50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150            | G1 1/2"                              | SW 55                             | G1 1/2", G2"                         | DN40<br>DN50           |
| PK-80<br>PK-90   | 20, 24, 30, 34, 40, 44, 50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150, ..., 260  | G2 1/2"                              | SW 85                             | G2", G2 1/2"                         | DN65<br>DN80           |
| PK-100           | 50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150, 160, 170, 180, 190, 200, ..., 300 | auf Anfrage/<br>on request           |                                   | auf Anfrage/<br>on request           | DN65, DN80, DN100*     |

Weitere Anschlüsse auf Anfrage / Other connection sizes on request

\*Spezial / \*Special

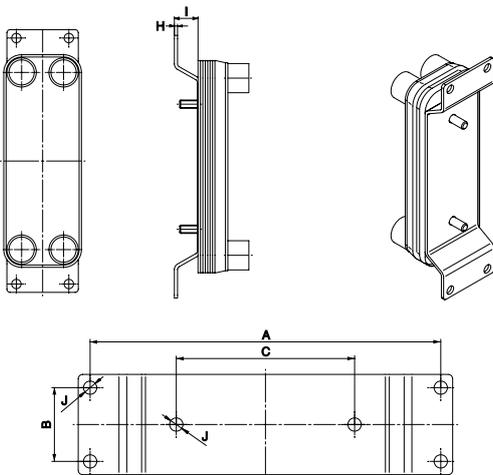
### Bestellnummer-Beispiel *Order Code Example*

**PK - 10 - 20 - I - G1 - N**

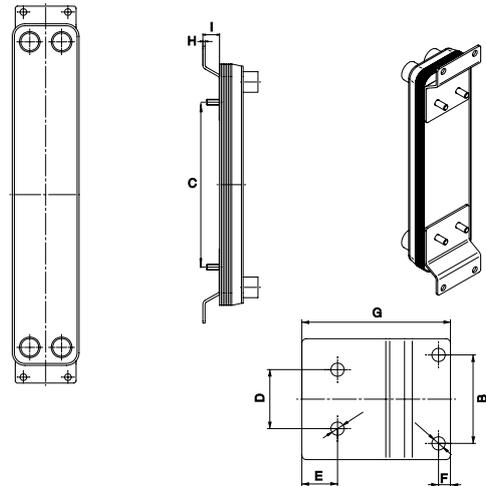


### Halterungen *Brackets*

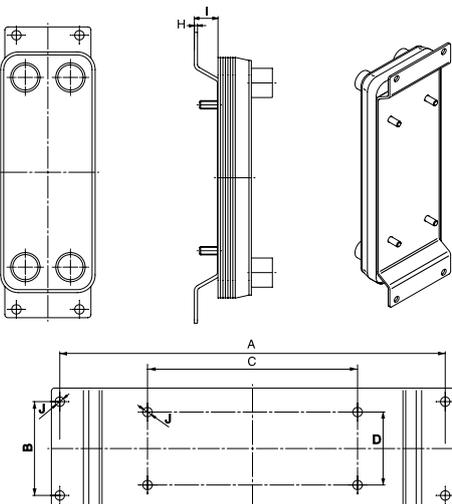
**Variante 1 / Model 1** Für/for PK-10; PK-20; PK-30



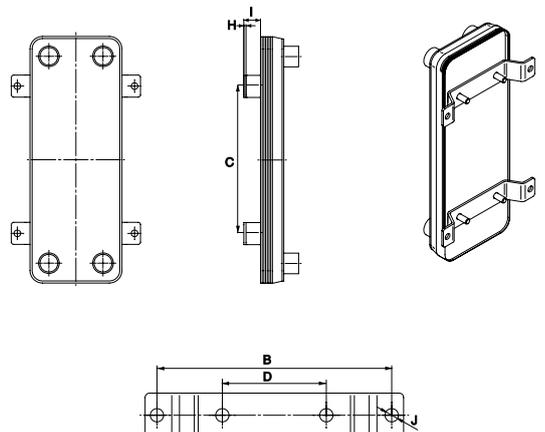
**Variante 3 / Model 3** Für/for PK-220; PK-240



**Variante 2 / Model 2** Für/for PK-40



**Variante 4 / Model 4** Für/for PK-40



| Typen<br>Types | Varianten<br>Models | A   | B   | C   | D  | E  | F | G   | H | I    | J   |
|----------------|---------------------|-----|-----|-----|----|----|---|-----|---|------|-----|
| PK-10          | 1                   | 236 | 50  | 120 | –  | –  | – | –   | 3 | 22,5 | Ø 9 |
| PK-20          | 1                   | 263 | 60  | 140 | –  | –  | – | –   | 3 | 22,5 | Ø 9 |
| PK-220         | 3                   | –   | 60  | 224 | 40 | 24 | 8 | 100 | 3 | 22,5 | Ø 9 |
| PK-240         | 3                   | –   | 60  | 360 | 40 | 24 | 8 | 100 | 3 | 22,5 | Ø 9 |
| PK-30          | 1                   | 205 | 90  | 80  | –  | –  | – | –   | 3 | 22,5 | Ø 9 |
| PK-40          | 2                   | 367 | 90  | 200 | 70 | –  | – | –   | 3 | 22,5 | Ø 9 |
| PK-40          | 4                   | –   | 158 | 200 | 70 | –  | – | –   | 3 | 22,5 | Ø 9 |

## Zubehör/Optional

- **Verschiedene Anschlussverschraubungen**
- **Isolierungen aus PU-Hartschaum**
- **Diffusionsdichte Isolierungen**
- **Halterungen:**
  - Bodenhalterung ab PK-30 optional
  - Gewindebolzen nach Kundenzeichnung angeschweißt

## Accessories/Optional

- *Various screwed connections*
- *Insulations made from PU hard foam*
- *Diffusion-tight insulation*
- **Brackets:**
  - *Floor-wall consoles up from PK-30 optional*
  - *Threaded bolts welded on as per customer drawing*