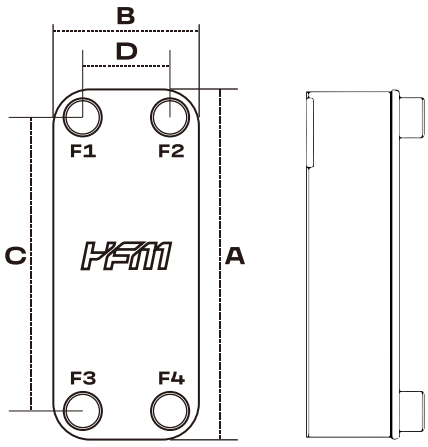
Brazed Plate Heat Exchangers

Compact Solutions for Efficient Heat Transfer

Your
Trusted
Partner
for
Plate
Heat
Exchanger



HB10A



A	193mm
B	75mm
C	154mm
D	40mm
Brazing thickness	11+2.3N（mm）
Unit Weight	0.54+0.045N（kg）
Max flow	5.8m³/h
Channel volume	0.024*(N-1) L

Design Temperature：-196~+225℃

Maximum Number of Plates：80

Available Welded Connection Sizes：19.2mm

Available Threaded Connection Sizes：1/2"

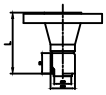
Internal Volume per Side 1：F1/F2 0.024*N/2（L）

Internal Volume per Side 2：F3/F4 0.024*(N-2)/2（L）

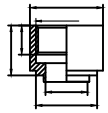
Copper Brazed Design Pressure (Standard Range)： 30-45 bar

**For other materials, such as stainless steel, please contact us for more detailed information on the applicable operating pressure.*

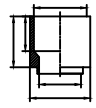
Available Connection Types for Selection Reference



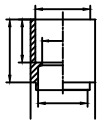
Welded flange



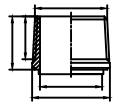
Female Threaded Connection



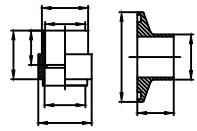
Welded pipe



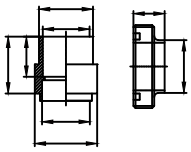
Soldering



Male Threaded Connection



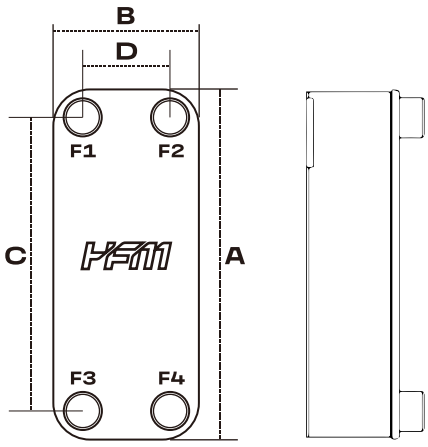
Tri-clamp



SMS

Note: The connection types shown above are for reference only. Please consult our technical team for detailed specifications and manufacturing availability.

HB10B



A	208mm
B	77mm
C	172mm
D	42mm
Brazing thickness	9+2.2N（mm）
Unit Weight	0.69+0.05N（kg）
Max flow	5.8m³/h
Channel volume	0.0265*(N-1) L

Design Temperature：-196~+225℃

Maximum Number of Plates：80

Available Welded Connection Sizes：19.2mm

Available Threaded Connection Sizes：1/2"

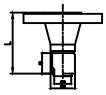
Internal Volume per Side 1：F1/F2 0.0265*N/2 （L）

Internal Volume per Side 2：F3/F4 0.0265*(N-2)/2（L）

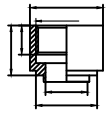
Copper Brazed Design Pressure (Standard Range)： 30-45 bar

**For other materials, such as stainless steel, please contact us for more detailed information on the applicable operating pressure.*

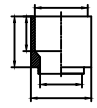
Available Connection Types for Selection Reference



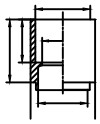
Welded flange



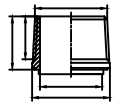
Female Threaded Connection



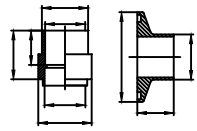
Welded pipe



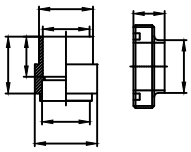
Soldering



Male Threaded Connection



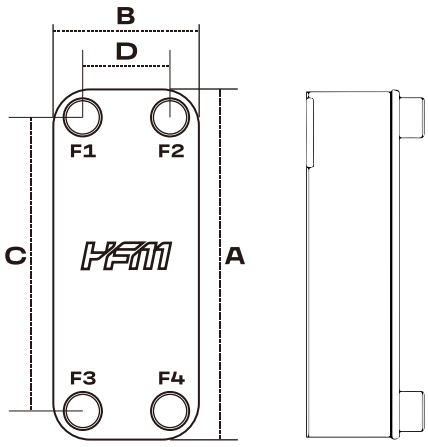
Tri-clamp



SMS

Note: The connection types shown above are for reference only. Please consult our technical team for detailed specifications and manufacturing availability.

HB10C



A	318mm
B	78mm
C	282mm
D	42mm
Brazing thickness	9.5+2.2N（mm）
Unit Weight	0.99+0.07N（kg）
Max flow	5.8m³/h
Channel volume	0.04*(N-1) L

Design Temperature：-196~+225℃

Maximum Number of Plates：80

Available Welded Connection Sizes：19.2mm

Available Threaded Connection Sizes：1/2"

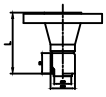
Internal Volume per Side 1：F1/F2 0.04*N/2（L）

Internal Volume per Side 2：F3/F4 0.04*(N-2)/2（L）

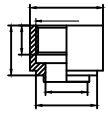
Copper Brazed Design Pressure (Standard Range)： 30-45 bar

**For other materials, such as stainless steel, please contact us for more detailed information on the applicable operating pressure.*

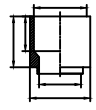
Available Connection Types for Selection Reference



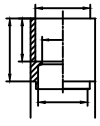
Welded flange



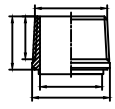
Female Threaded Connection



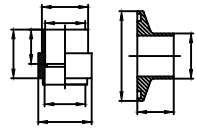
Welded pipe



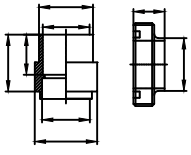
Soldering



Male Threaded Connection



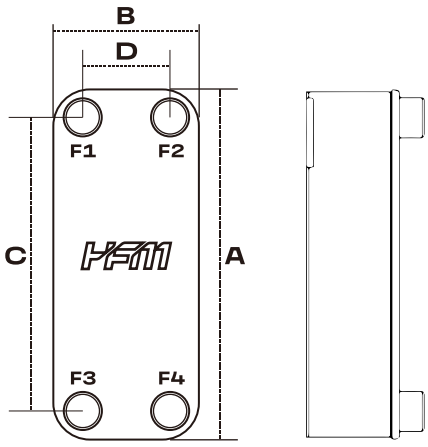
Tri-clamp



SMS

Note: The connection types shown above are for reference only. Please consult our technical team for detailed specifications and manufacturing availability.

HB10D



A	319mm
B	90mm
C	269mm
D	40mm
Brazing thickness	10+1.65N（mm）
Unit Weight	1.32+0.09N（kg）
Max flow	5.8m³/h
Channel volume	0.024(N-1) L

Design Temperature：-196~+225℃

Maximum Number of Plates：80

Available Welded Connection Sizes：19.2mm

Available Threaded Connection Sizes：1/2"

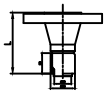
Internal Volume per Side 1：F1/F2 0.024*N/2（L）

Internal Volume per Side 2：F3/F4 0.024*(N-2)/2（L）

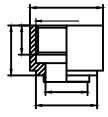
Copper Brazed Design Pressure (Standard Range)： 30-45 bar

**For other materials, such as stainless steel, please contact us for more detailed information on the applicable operating pressure.*

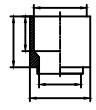
Available Connection Types for Selection Reference



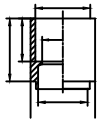
Welded flange



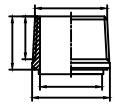
Female Threaded Connection



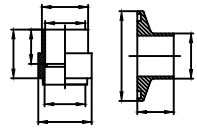
Welded pipe



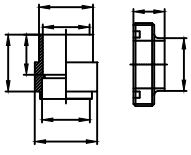
Soldering



Male Threaded Connection



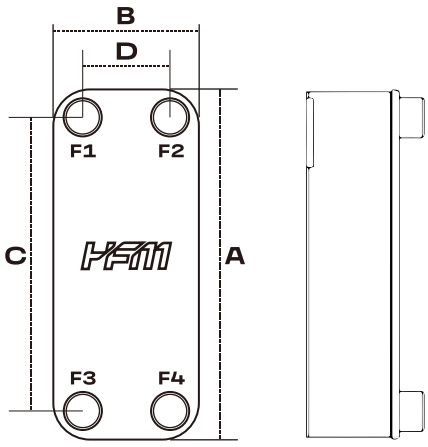
Tri-clamp



SMS

Note: The connection types shown above are for reference only. Please consult our technical team for detailed specifications and manufacturing availability.

HB10E



A	154mm
B	76mm
C	120mm
D	42mm
Brazing thickness	8+1.25N（mm）
Unit Weight	0.48+0.03N（kg）
Max flow	5.8m³/h
Channel volume	0.0097(N-1) L

Design Temperature：-196~+225℃

Maximum Number of Plates：80

Available Welded Connection Sizes：19.2mm

Available Threaded Connection Sizes：1/2"

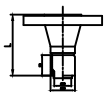
Internal Volume per Side 1：F1/F2 0.0097*N/2（L）

Internal Volume per Side 2：F3/F4 0.0097*(N-2)/2（L）

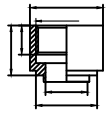
Copper Brazed Design Pressure (Standard Range)： 30-45 bar

**For other materials, such as stainless steel, please contact us for more detailed information on the applicable operating pressure.*

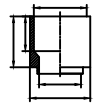
Available Connection Types for Selection Reference



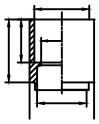
Welded flange



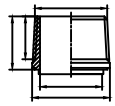
Female Threaded Connection



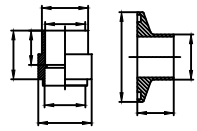
Welded pipe



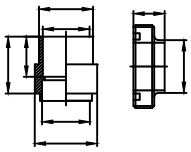
Soldering



Male Threaded Connection



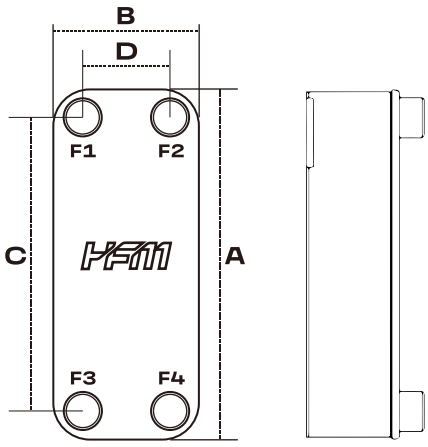
Tri-clamp



SMS

Note: The connection types shown above are for reference only. Please consult our technical team for detailed specifications and manufacturing availability.

HB11A



A	208mm
B	77mm
C	172mm
D	42mm
Brazing thickness	9+2.2N（mm）
Unit Weight	0.69+0.05N（kg）
Max flow	5.8m³/h
Channel volume	0.0265(N-1) L

Design Temperature：-196~+225℃

Maximum Number of Plates：80

Available Welded Connection Sizes：19.2mm

Available Threaded Connection Sizes：1/2"

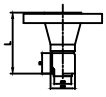
Internal Volume per Side 1：F1/F2 0.0265*N/2（L）

Internal Volume per Side 2：F3/F4 0.0265*(N-2)/2（L）

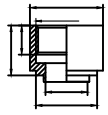
Copper Brazed Design Pressure (Standard Range)： 30-45 bar

**For other materials, such as stainless steel, please contact us for more detailed information on the applicable operating pressure.*

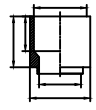
Available Connection Types for Selection Reference



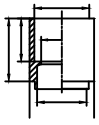
Welded flange



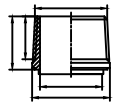
Female Threaded Connection



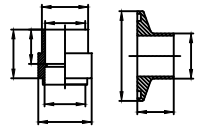
Welded pipe



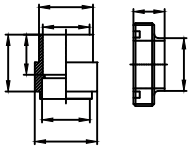
Soldering



Male Threaded Connection



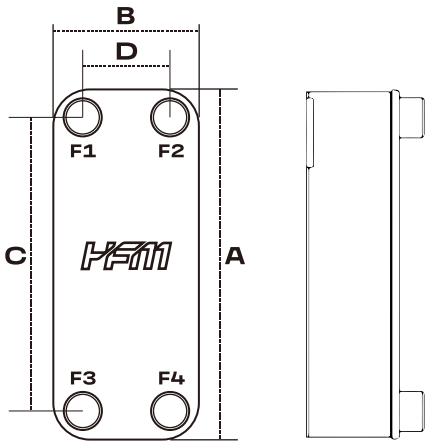
Tri-clamp



SMS

Note: The connection types shown above are for reference only. Please consult our technical team for detailed specifications and manufacturing availability.

HB11B



A	322mm
B	92mm
C	270mm
D	46mm
Brazing thickness	9+1.51N（mm）
Unit Weight	1.2+0.07N（kg）
Max flow	5.8m³/h
Channel volume	0.028(N-1) L

Design Temperature：-196~+225℃

Maximum Number of Plates：80

Available Welded Connection Sizes：19.2mm

Available Threaded Connection Sizes：1/2"

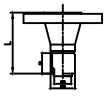
Internal Volume per Side 1：F1/F2 0.028*N/2（L）

Internal Volume per Side 2：F3/F4 0.028*(N-2)/2（L）

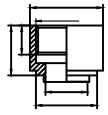
Copper Brazed Design Pressure (Standard Range)： 30-45 bar

**For other materials, such as stainless steel, please contact us for more detailed information on the applicable operating pressure.*

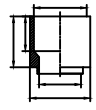
Available Connection Types for Selection Reference



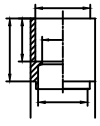
Welded flange



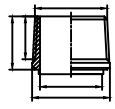
Female Threaded Connection



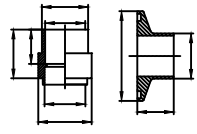
Welded pipe



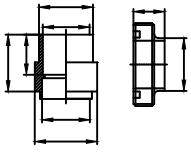
Soldering



Male Threaded Connection



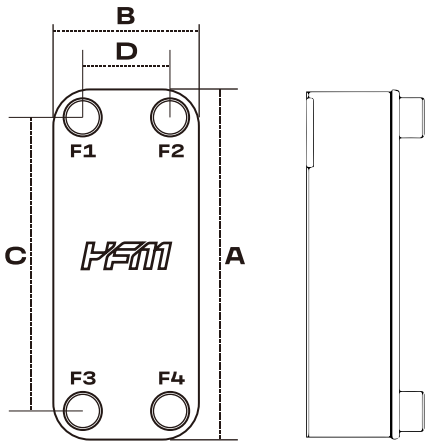
Tri-clamp



SMS

Note: The connection types shown above are for reference only. Please consult our technical team for detailed specifications and manufacturing availability.

HB11D



A	231mm
B	90mm
C	182mm
D	43mm
Brazing thickness	10+2.25N（mm）
Unit Weight	0.83+0.06N（kg）
Max flow	5.8m³/h
Channel volume	0.03(N-1) L

Design Temperature：-196~+225℃

Maximum Number of Plates：80

Available Welded Connection Sizes：19.2mm

Available Threaded Connection Sizes：1/2"

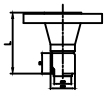
Internal Volume per Side 1：F1/F2 0.03*N/2（L）

Internal Volume per Side 2：F3/F4 0.03*(N-2)/2（L）

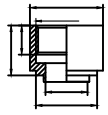
Copper Brazed Design Pressure (Standard Range)： 30-45 bar

**For other materials, such as stainless steel, please contact us for more detailed information on the applicable operating pressure.*

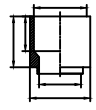
Available Connection Types for Selection Reference



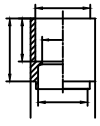
Welded flange



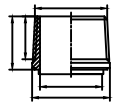
Female Threaded Connection



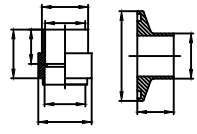
Welded pipe



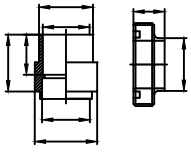
Soldering



Male Threaded Connection



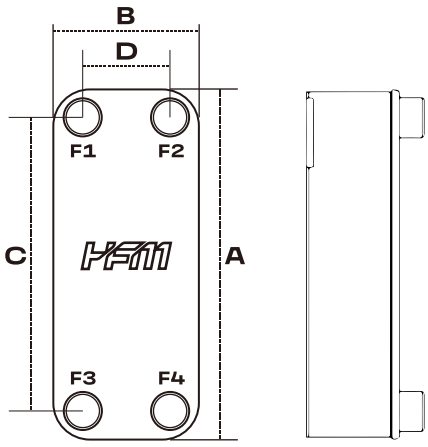
Tri-clamp



SMS

Note: The connection types shown above are for reference only. Please consult our technical team for detailed specifications and manufacturing availability.

HB12A



A	312mm
B	112mm
C	250mm
D	50mm
Brazing thickness	10+2.35N（mm）
Unit Weight	1.69+0.11N（kg）
Max flow	19.2m³/h
Channel volume	0.060(N-1) L

Design Temperature：-196~+225℃

Maximum Number of Plates：120

Available Welded Connection Sizes：35.2mm

Available Threaded Connection Sizes：1"

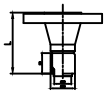
Internal Volume per Side 1：F1/F2 0.06*N/2（L）

Internal Volume per Side 2：F3/F4 0.06*(N-2)/2（L）

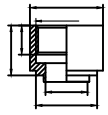
Copper Brazed Design Pressure (Standard Range)： 30-45 bar

**For other materials, such as stainless steel, please contact us for more detailed information on the applicable operating pressure.*

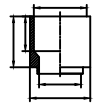
Available Connection Types for Selection Reference



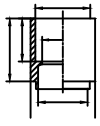
Welded flange



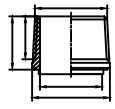
Female Threaded Connection



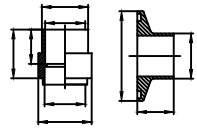
Welded pipe



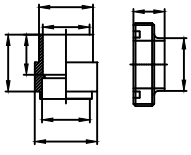
Soldering



Male Threaded Connection



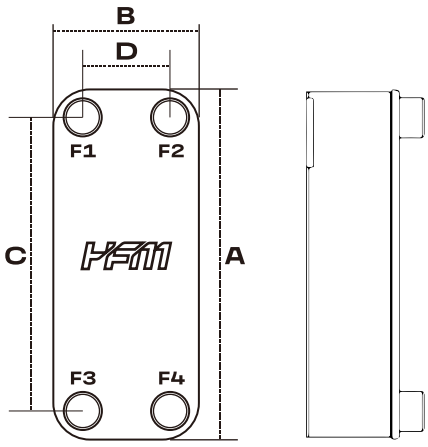
Tri-clamp



SMS

Note: The connection types shown above are for reference only. Please consult our technical team for detailed specifications and manufacturing availability.

HB12B



A	528mm
B	112mm
C	466mm
D	50mm
Brazing thickness	10+2.35N（mm）
Unit Weight	2.5+0.2N（kg）
Max flow	19.2m³/h
Channel volume	0.095(N-1) L

Design Temperature：-196~+225℃

Maximum Number of Plates：160

Available Welded Connection Sizes：35.2mm

Available Threaded Connection Sizes：1"

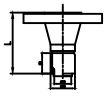
Internal Volume per Side 1：F1/F2 0.095*N/2（L）

Internal Volume per Side 2：F3/F4 0.095*(N-2)/2（L）

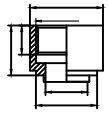
Copper Brazed Design Pressure (Standard Range)： 30-45 bar

**For other materials, such as stainless steel, please contact us for more detailed information on the applicable operating pressure.*

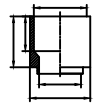
Available Connection Types for Selection Reference



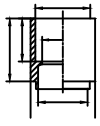
Welded flange



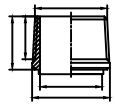
Female Threaded Connection



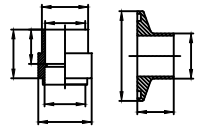
Welded pipe



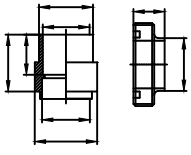
Soldering



Male Threaded Connection



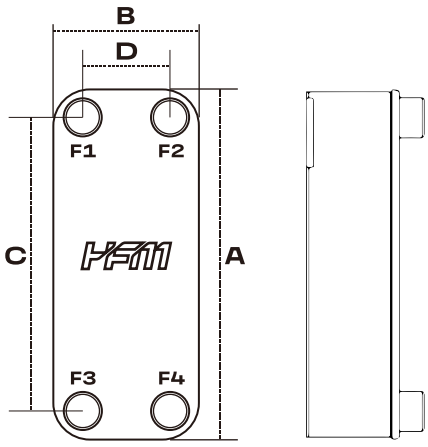
Tri-clamp



SMS

Note: The connection types shown above are for reference only. Please consult our technical team for detailed specifications and manufacturing availability.

HB12D



A	296mm
B	119mm
C	242mm
D	65mm
Brazing thickness	9+2.35N（mm）
Unit Weight	1.67+0.11N（kg）
Max flow	19.2m³/h
Channel volume	0.062(N-1) L

Design Temperature：-196~+225℃

Maximum Number of Plates：120

Available Welded Connection Sizes：35.2mm

Available Threaded Connection Sizes：1"

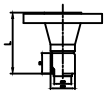
Internal Volume per Side 1：F1/F2 0.062*N/2（L）

Internal Volume per Side 2：F3/F4 0.062*(N-2)/2（L）

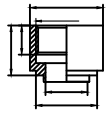
Copper Brazed Design Pressure (Standard Range)： 30-45 bar

**For other materials, such as stainless steel, please contact us for more detailed information on the applicable operating pressure.*

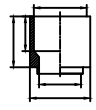
Available Connection Types for Selection Reference



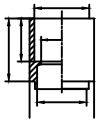
Welded flange



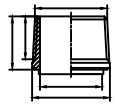
Female Threaded Connection



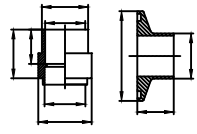
Welded pipe



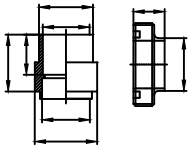
Soldering



Male Threaded Connection



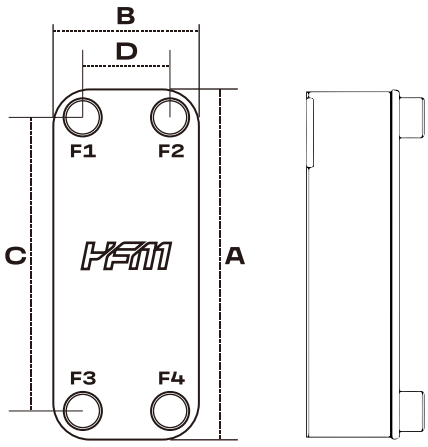
Tri-clamp



SMS

Note: The connection types shown above are for reference only. Please consult our technical team for detailed specifications and manufacturing availability.

HB13A



A	307mm
B	126mm
C	250mm
D	70mm
Brazing thickness	12+2.3N（mm）
Unit Weight	2.2+0.16N（kg）
Max flow	19.2m³/h
Channel volume	0.062(N-1) L

Design Temperature：-196~+225℃

Maximum Number of Plates：120

Available Welded Connection Sizes：35.2mm

Available Threaded Connection Sizes：1"

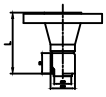
Internal Volume per Side 1：F1/F2 0.062*N/2（L）

Internal Volume per Side 2：F3/F4 0.062*(N-2)/2（L）

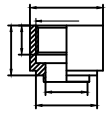
Copper Brazed Design Pressure (Standard Range)： 30-45 bar

**For other materials, such as stainless steel, please contact us for more detailed information on the applicable operating pressure.*

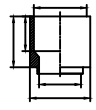
Available Connection Types for Selection Reference



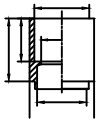
Welded flange



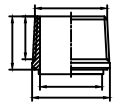
Female Threaded Connection



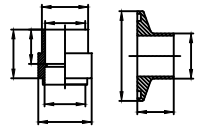
Welded pipe



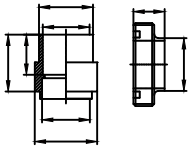
Soldering



Male Threaded Connection



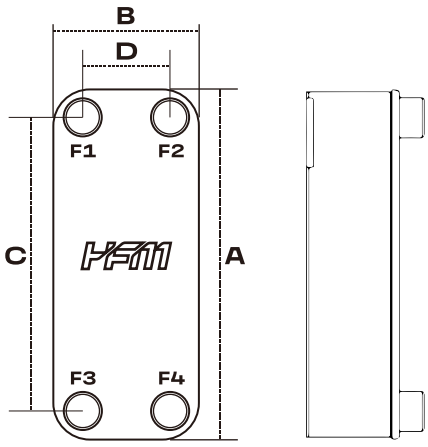
Tri-clamp



SMS

Note: The connection types shown above are for reference only. Please consult our technical team for detailed specifications and manufacturing availability.

HB13B



A	526mm
B	119mm
C	470mm
D	63mm
Brazing thickness	9+2.36N（mm）
Unit Weight	2.55+0.2N（kg）
Max flow	19.2m³/h
Channel volume	0.096(N-1) L

Design Temperature：-196~+225℃

Maximum Number of Plates：120

Available Welded Connection Sizes：35.2mm

Available Threaded Connection Sizes：1"

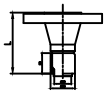
Internal Volume per Side 1：F1/F2 0.096*N/2（L）

Internal Volume per Side 2：F3/F4 0.096*(N-2)/2（L）

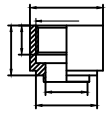
Copper Brazed Design Pressure (Standard Range)： 30-45 bar

**For other materials, such as stainless steel, please contact us for more detailed information on the applicable operating pressure.*

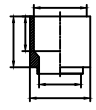
Available Connection Types for Selection Reference



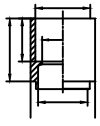
Welded flange



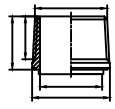
Female Threaded Connection



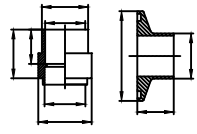
Welded pipe



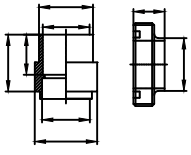
Soldering



Male Threaded Connection



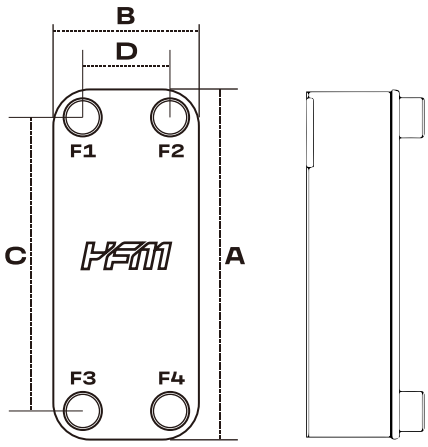
Tri-clamp



SMS

Note: The connection types shown above are for reference only. Please consult our technical team for detailed specifications and manufacturing availability.

HB15A1



A	612mm
B	188mm
C	519mm
D	92mm
Brazing thickness	11+2.52N（mm）
Unit Weight	4.96+0.36N（kg）
Max flow	70.5m³/h
Channel volume	0.21(N-1) L

Design Temperature：-196~+225℃

Maximum Number of Plates：280

Available Welded Connection Sizes：66.85mm

Available Threaded Connection Sizes：2"

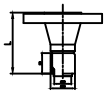
Internal Volume per Side 1：F1/F2 0.21*N/2（L）

Internal Volume per Side 2：F3/F4 0.21*(N-2)/2（L）

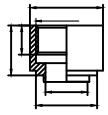
Copper Brazed Design Pressure (Standard Range)： 30-45 bar

**For other materials, such as stainless steel, please contact us for more detailed information on the applicable operating pressure.*

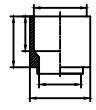
Available Connection Types for Selection Reference



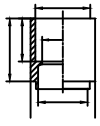
Welded flange



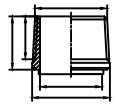
Female Threaded Connection



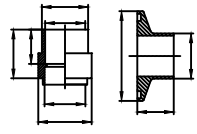
Welded pipe



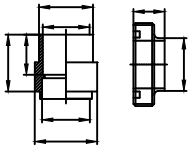
Soldering



Male Threaded Connection



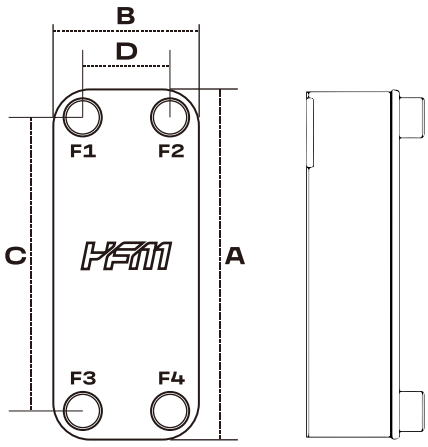
Tri-clamp



SMS

Note: The connection types shown above are for reference only. Please consult our technical team for detailed specifications and manufacturing availability.

HB15A2



A	612mm
B	188mm
C	519mm
D	92mm
Brazing thickness	11+2N（mm）
Unit Weight	4.85+0.39N（kg）
Max flow	70.5m³/h
Channel volume	*Please consult our technical team.*

Design Temperature：-196~+225℃

Maximum Number of Plates：280

Available Welded Connection Sizes：66.85mm

Available Threaded Connection Sizes：2"

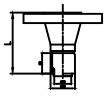
Internal Volume per Side 1：F1/F2 0.18*N/2（L）

Internal Volume per Side 2：F3/F4 0.16*(N-2)/2（L）

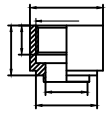
Copper Brazed Design Pressure (Standard Range)： 30-45 bar

**For other materials, such as stainless steel, please contact us for more detailed information on the applicable operating pressure.*

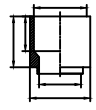
Available Connection Types for Selection Reference



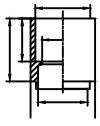
Welded flange



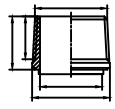
Female Threaded Connection



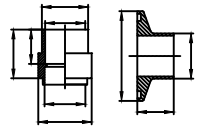
Welded pipe



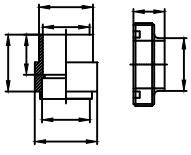
Soldering



Male Threaded Connection



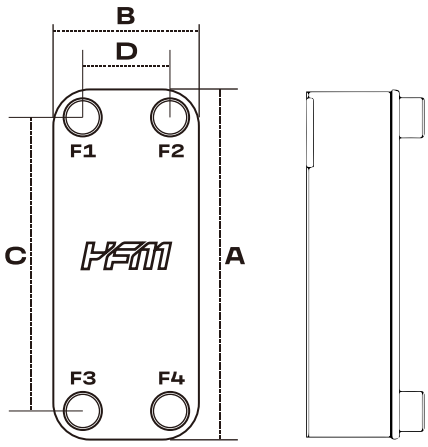
Tri-clamp



SMS

Note: The connection types shown above are for reference only. Please consult our technical team for detailed specifications and manufacturing availability.

HB15B



A	536mm
B	257mm
C	456mm
D	174mm
Brazing thickness	10+2.35N（mm）
Unit Weight	13+0.4N（kg）
Max flow	70.5m³/h
Channel volume	0.22(N-1) L

Design Temperature：-196~+225℃

Maximum Number of Plates：280

Available Welded Connection Sizes：66.85mm

Available Threaded Connection Sizes：2"

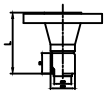
Internal Volume per Side 1：F1/F2 0.22*N/2（L）

Internal Volume per Side 2：F3/F4 0.22*(N-2)/2（L）

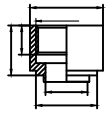
Copper Brazed Design Pressure (Standard Range)： 30-45 bar

**For other materials, such as stainless steel, please contact us for more detailed information on the applicable operating pressure.*

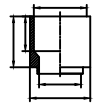
Available Connection Types for Selection Reference



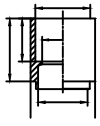
Welded flange



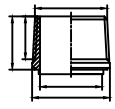
Female Threaded Connection



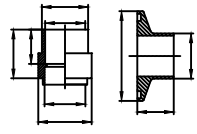
Welded pipe



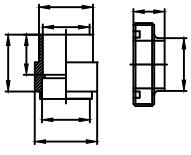
Soldering



Male Threaded Connection



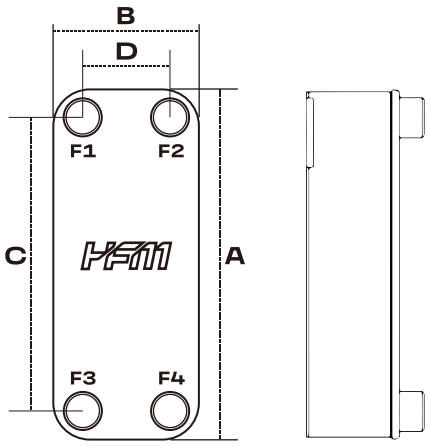
Tri-clamp



SMS

Note: The connection types shown above are for reference only. Please consult our technical team for detailed specifications and manufacturing availability.

HB18A



A	742mm
B	320mm
C	624mm
D	207mm
Brazing thickness	14+2.6N（mm）
Unit Weight	13+0.67N（kg）
Max flow	123.0m³/h
Channel volume	0.51(N-1)) L

Design Temperature：-196~+225℃

Maximum Number of Plates：280

Available Welded Connection Sizes：77mm

Available Threaded Connection Sizes：3"

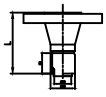
Internal Volume per Side 1：F1/F2 0.51*N/2（L）

Internal Volume per Side 2：F3/F4 0.51*(N-2)/2（L）

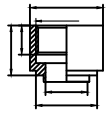
Copper Brazed Design Pressure (Standard Range)： 10-15 bar

**For other materials, such as stainless steel, please contact us for more detailed information on the applicable operating pressure.*

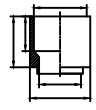
Available Connection Types for Selection Reference



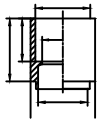
Welded flange



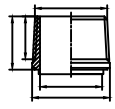
Female Threaded Connection



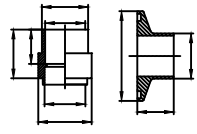
Welded pipe



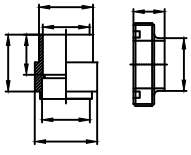
Soldering



Male Threaded Connection



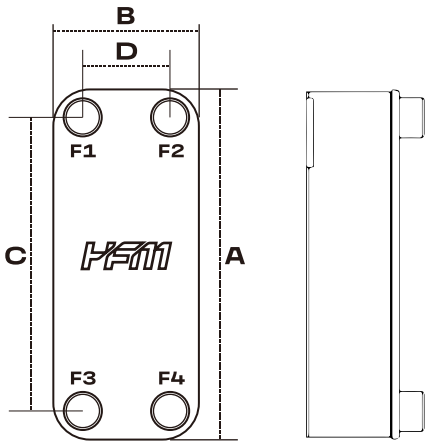
Tri-clamp



SMS

Note: The connection types shown above are for reference only. Please consult our technical team for detailed specifications and manufacturing availability.

HB22A



A	739mm
B	319mm
C	603mm
D	188mm
Brazing thickness	14+2.7N（mm）
Unit Weight	13+0.67N（kg）
Max flow	175m³/h
Channel volume	0.523(N-1) L

Design Temperature：-196~+225℃

Maximum Number of Plates：280

Available Welded Connection Sizes：105mm

Available Threaded Connection Sizes：3"

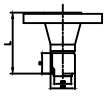
Internal Volume per Side 1：F1/F2 0.523*N/2（L）

Internal Volume per Side 2：F3/F4 0.523*(N-2)/2（L）

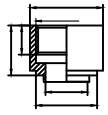
Copper Brazed Design Pressure (Standard Range)： 10-15 bar

**For other materials, such as stainless steel, please contact us for more detailed information on the applicable operating pressure.*

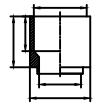
Available Connection Types for Selection Reference



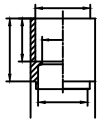
Welded flange



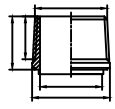
Female Threaded Connection



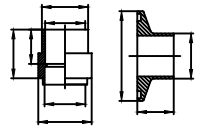
Welded pipe



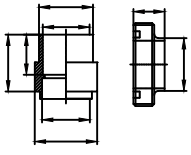
Soldering



Male Threaded Connection



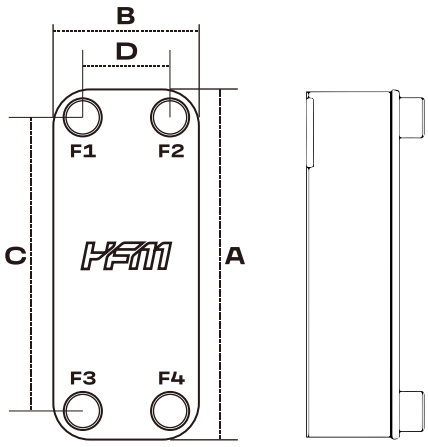
Tri-clamp



SMS

Note: The connection types shown above are for reference only. Please consult our technical team for detailed specifications and manufacturing availability.

HB22B



A	995mm
B	370mm
C	861mm
D	213.5mm
Brazing thickness	11+2.62N（mm）
Unit Weight	21+1.26N（kg）
Max flow	175m³/h / 75m³/h
Channel volume	0.64(N-1) L

Design Temperature：-196~+225℃

Maximum Number of Plates：280

Available Welded Connection Sizes：105/66.82mm

Available Threaded Connection Sizes：2"，3"

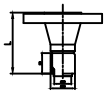
Internal Volume per Side 1：F1/F2 0.64*N/2（L）

Internal Volume per Side 2：F3/F4 0.64*(N-2)/2（L）

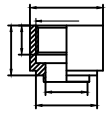
Copper Brazed Design Pressure (Standard Range)： 10-15 bar

**For other materials, such as stainless steel, please contact us for more detailed information on the applicable operating pressure.*

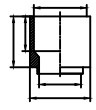
Available Connection Types for Selection Reference



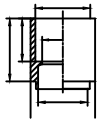
Welded flange



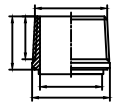
Female Threaded Connection



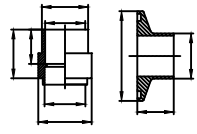
Welded pipe



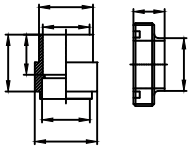
Soldering



Male Threaded Connection



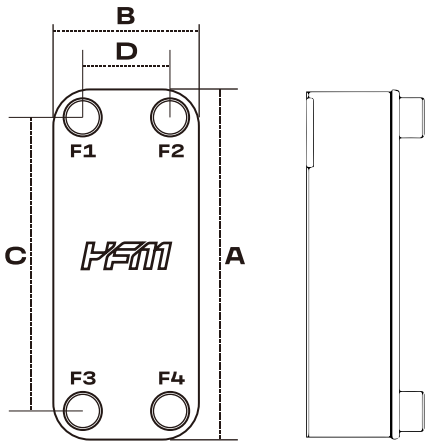
Tri-clamp



SMS

Note: The connection types shown above are for reference only. Please consult our technical team for detailed specifications and manufacturing availability.

HB22C



A	696mm
B	307mm
C	567mm
D	179mm
Brazing thickness	11+2.65N（mm）
Unit Weight	8.4+0.72N（kg）
Max flow	175m³/h
Channel volume	0.44(N-1) L

Design Temperature：-196~+225℃

Maximum Number of Plates：280

Available Welded Connection Sizes：105mm

Available Threaded Connection Sizes：3"

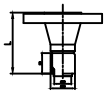
Internal Volume per Side 1：F1/F2 0.44*N/2（L）

Internal Volume per Side 2：F3/F4 0.44*(N-2)/2（L）

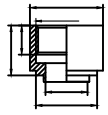
Copper Brazed Design Pressure (Standard Range)： 10-15 bar

**For other materials, such as stainless steel, please contact us for more detailed information on the applicable operating pressure.*

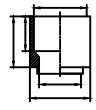
Available Connection Types for Selection Reference



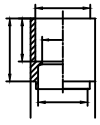
Welded flange



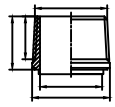
Female Threaded Connection



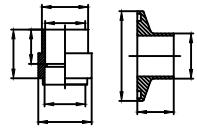
Welded pipe



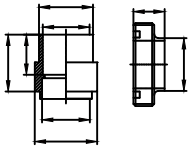
Soldering



Male Threaded Connection



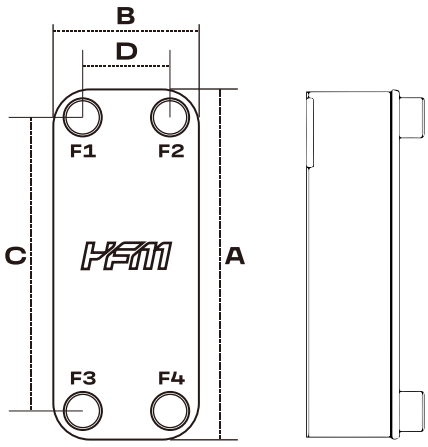
Tri-clamp



SMS

Note: The connection types shown above are for reference only. Please consult our technical team for detailed specifications and manufacturing availability.

HB22C2



A	742mm
B	320mm
C	597mm
D	179mm
Brazing thickness	17+2.2N（mm）
Unit Weight	13+0.67N（kg）
Max flow	175m³/h
Channel volume	0.52(N-1) L

Design Temperature：-196~+225℃

Maximum Number of Plates：280

Available Welded Connection Sizes：105mm

Available Threaded Connection Sizes：3"

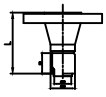
Internal Volume per Side 1：F1/F2 0.52*N/2（L）

Internal Volume per Side 2：F3/F4 0.52*(N-2)/2（L）

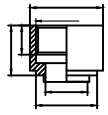
Copper Brazed Design Pressure (Standard Range)： 10-15 bar

**For other materials, such as stainless steel, please contact us for more detailed information on the applicable operating pressure.*

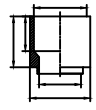
Available Connection Types for Selection Reference



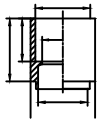
Welded flange



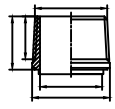
Female Threaded Connection



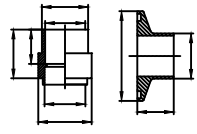
Welded pipe



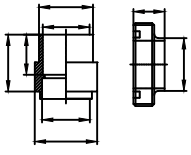
Soldering



Male Threaded Connection



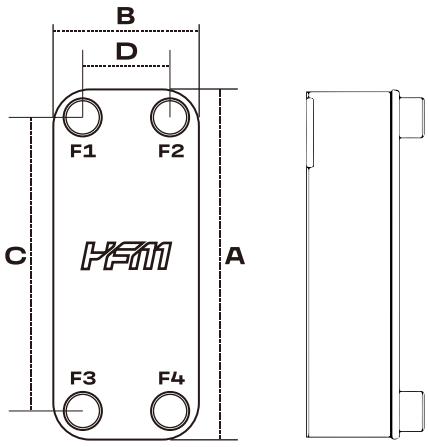
Tri-clamp



SMS

Note: The connection types shown above are for reference only. Please consult our technical team for detailed specifications and manufacturing availability.

HB23A



A	1398mm
B	429mm
C	1190mm
D	220mm
Brazing thickness	22+2.78N（mm）
Unit Weight	31.8+1.73N（kg）
Max flow	375m³/h
Channel volume	1.422(N-1) L

Design Temperature：-196~+225℃

Maximum Number of Plates：330

Available Welded Connection Sizes：155mm

Available Threaded Connection Sizes：3"

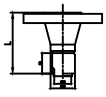
Internal Volume per Side 1：F1/F2 1.422*N/2（L）

Internal Volume per Side 2：F3/F4 1.422*(N-2)/2（L）

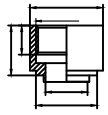
Copper Brazed Design Pressure (Standard Range)： 10-15 bar

**For other materials, such as stainless steel, please contact us for more detailed information on the applicable operating pressure.*

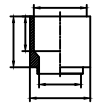
Available Connection Types for Selection Reference



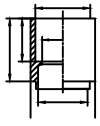
Welded flange



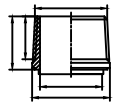
Female Threaded Connection



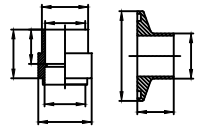
Welded pipe



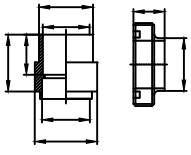
Soldering



Male Threaded Connection



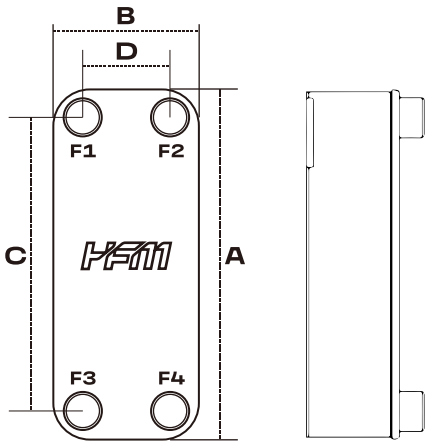
Tri-clamp



SMS

Note: The connection types shown above are for reference only. Please consult our technical team for detailed specifications and manufacturing availability.

HB23C



A	1200mm
B	488mm
C	1000mm
D	288mm
Brazing thickness	28+2.4N（mm）
Unit Weight	60+2.8N（kg）
Max flow	375m³/h
Channel volume	1.44(N-1) L

Design Temperature：-196~+225℃

Maximum Number of Plates：330

Available Welded Connection Sizes：155mm

Available Threaded Connection Sizes：3"

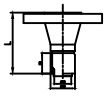
Internal Volume per Side 1：F1/F2 1.44*N/2（L）

Internal Volume per Side 2：F3/F4 1.44*(N-2)/2（L）

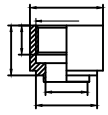
Copper Brazed Design Pressure (Standard Range)： 10-15 bar

**For other materials, such as stainless steel, please contact us for more detailed information on the applicable operating pressure.*

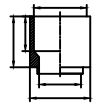
Available Connection Types for Selection Reference



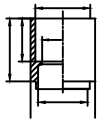
Welded flange



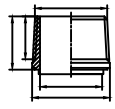
Female Threaded Connection



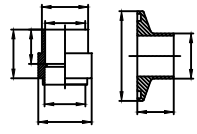
Welded pipe



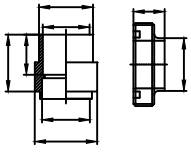
Soldering



Male Threaded Connection



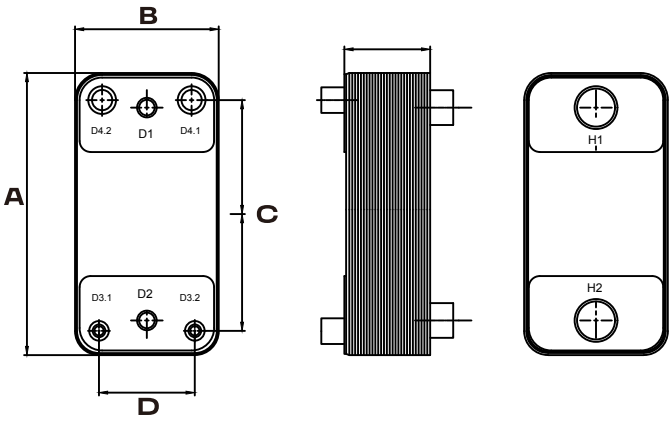
Tri-clamp



SMS

Note: The connection types shown above are for reference only. Please consult our technical team for detailed specifications and manufacturing availability.

HBD61



A	491mm
B	251mm
C	400mm
D	166mm
Brazing thickness	13+2.1N（mm）
Unit Weight	16+0.4N（kg）
Max flow	57.68m³/h
Channel volume	*Please consult our technical team.*

Design Temperature：-196~+225℃

Maximum Number of Plates：280

Available Welded Connection Sizes：/

Available Threaded Connection Sizes：/

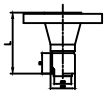
Internal Volume per Side 1：F1/F2 0.21*N/2（L）

Internal Volume per Side 2：F3/F4 0.17*(N-2)/2（L）

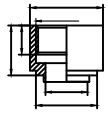
Copper Brazed Design Pressure (Standard Range)： 30 bar

**For other materials, such as stainless steel, please contact us for more detailed information on the applicable operating pressure.*

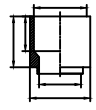
Available Connection Types for Selection Reference



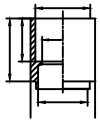
Welded flange



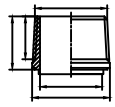
Female Threaded Connection



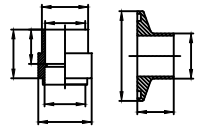
Welded pipe



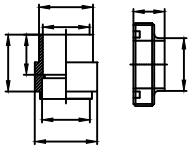
Soldering



Male Threaded Connection



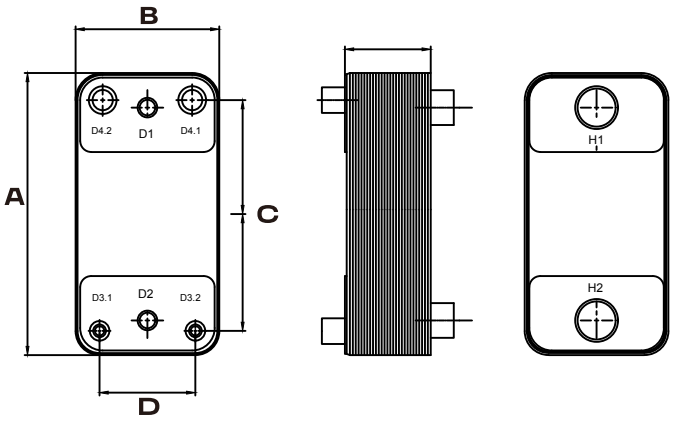
Tri-clamp



SMS

Note: The connection types shown above are for reference only. Please consult our technical team for detailed specifications and manufacturing availability.

HBD62



A	736mm
B	319mm
C	631.7mm
D	224.3mm
Brazing thickness	15+2.6N（mm）
Unit Weight	13+0.82N（kg）
Max flow	186.13m³/h
Channel volume	*Please consult our technical team.*

Design Temperature：-196~+225℃

Maximum Number of Plates：280

Available Welded Connection Sizes：/

Available Threaded Connection Sizes：/

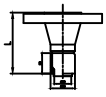
Internal Volume per Side 1：F1/F2 0.5*N/2（L）

Internal Volume per Side 2：F3/F4 0.47*(N-2)/2（L）

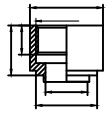
Copper Brazed Design Pressure (Standard Range)： 30 bar

**For other materials, such as stainless steel, please contact us for more detailed information on the applicable operating pressure.*

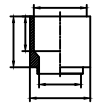
Available Connection Types for Selection Reference



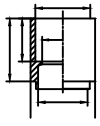
Welded flange



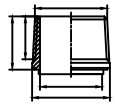
Female Threaded Connection



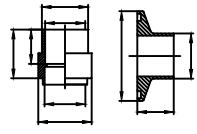
Welded pipe



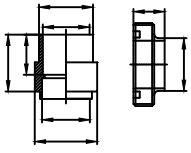
Soldering



Male Threaded Connection



Tri-clamp



SMS

Note: The connection types shown above are for reference only. Please consult our technical team for detailed specifications and manufacturing availability.

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