

Couplings and Counter flanges

Brazed and Fusion-bonded plate heat exchangers

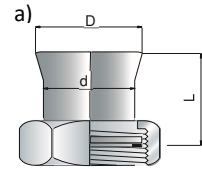
Alfa Laval offers a wide range of accessories to brazed and fusion-bonded plate heat exchangers. This leaflet shows the couplings and counter compact flanges available directly from our stock in Europe.

The couplings are available in different standard dimensions and in different materials for welding or soldering installation.

The counter compact flanges fit our compact flanges and are available in different material for different applications.

Coupling ISO G ¾" / DN20

Type	Nut material	Pipe material	Pipe size	L (mm)	D (mm)	d (mm)	Item no. 2 pack
Welding b)	Carbon steel	Carbon steel	DN15	23	21	17	3456632401
Welding b)	Carbon steel	Stainless steel	DN15	23	21	17	3456632801
Welding b)	Stainless steel	Stainless steel	DN15	23	21	17	3456875301
Soldering b)	Carbon steel	Brass	Cu18	16	18	15	3456634601

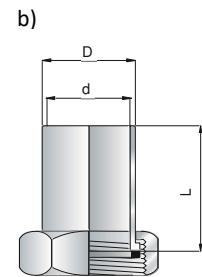


Coupling ISO G 1" / DN25

Type	Nut material	Pipe material	Pipe size	L (mm)	D (mm)	d (mm)	Item no. 2 pack	Item no. 50 pack
Welding b)	Carbon steel	Carbon steel	DN20	33	26.9	22	3456632201	3456632202
Welding b)	Carbon steel	Stainless steel	DN20	33	26.9	22	3456632301	-
Welding b)	Stainless steel	Stainless steel	DN20	33	26.9	22	3456875401	-
Welding a)	Carbon steel	Carbon steel	DN25	31	33.7	26.9	3456632701	3456632702
Soldering b)	Carbon steel	Brass	Cu22	20	25	22.1	3456634501	-
Soldering b)	Carbon steel	Brass	Cu28 / Cu35	66	32	28	3456644001	-

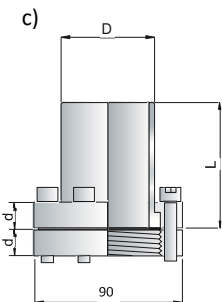
Coupling ISO G 1 ¼" / DN32

Type	Nut material	Pipe material	Pipe size	L (mm)	D (mm)	d (mm)	Item no. 2 pack
Welding b)	Carbon steel	Carbon steel	DN25	50	33.7	28.5	3456631901
Welding b)	Carbon steel	Stainless steel	DN25	50	33.7	28.5	3456632001
Welding a)	Carbon steel	Carbon steel	DN32	43	42.4	33.7	3456632601
Welding a)	Carbon steel	Stainless steel	DN32	43	42.4	33.7	3456632901
Welding a)	Stainless steel	Stainless steel	DN32	43	42.4	33.7	3456875501
Soldering b)	Carbon steel	Brass	Cu28 / Cu35	50	31.9	28	3456632101



Coupling ISO G 2" / DN50

Type	Nut material	Pipe material	Pipe size	L (mm)	D (mm)	d (mm)	Item no. 2 pack
Welding b)	Carbon steel	Carbon steel	DN40	50	48.3	44	3456632501
Welding b)	Carbon steel	Stainless steel	DN40	50	48.3	44	3456633001
Welding a)	Carbon steel	Carbon steel	DN50	50	60.3	52	3456631601
Welding a)	Carbon steel	Stainless steel	DN50	50	60.3	52	3456631701
Welding b)	Stainless steel	Stainless steel	51x1.6	50	51	47.8	3456874901
Soldering b)	Carbon steel	Brass	Cu42	44	48	42.1	3456634401
Soldering b)	Carbon steel	Brass	Cu54	50	50.9	44.5	3456631801
Welding c)	Carbon steel	Carbon steel	DN40	90.5	48.3	20	3456788401

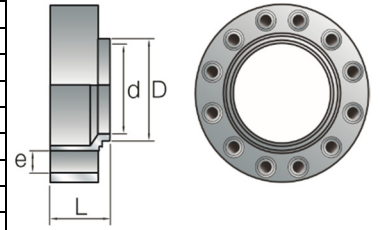


Coupling ISO G 2 ½" / DN65

Type	Nut material	Pipe material	Pipe size	L (mm)	D (mm)	d (mm)	Item no. 2 pack
Welding a)	Carbon steel	Carbon steel	DN65	65	76.1	60.3	3456634801
Welding b)	Carbon steel	Carbon steel	DN50	65	60.3	54	3456639501
Welding b)	Stainless steel	Stainless steel	63.5x1.8	65	63.5	59.9	3456875101

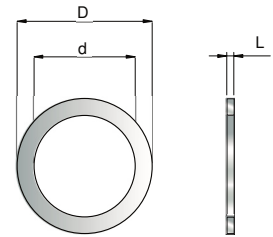
Counter compact flange kit

Size	Flange material	Bolt material	L (mm)	D (mm)	d (mm)	e	Item no.
DN65/PN40	Stainless steel	Stainless steel	33.5	76.1	70.3	13.5	3456325101
DN65/PN40	Carbon steel	Stainless steel	33.5	76.1	70.3	13.5	3456325102
DN80/PN40	Stainless steel	Stainless steel	33.5	88.9	82.5	13.5	3456325103
DN80/PN40	Carbon steel	Stainless steel	33.5	88.9	82.5	13.5	3456325104
DN100/PN35	Stainless steel	Stainless steel	33.5	114.3	107.1	13.5	3456325105
DN100/PN35	Carbon steel	Stainless steel	33.5	114.3	107.1	13.5	3456325106
NPS 3"	Stainless steel	Stainless steel	32.5	90.5	78.0	14	3456327703
NPS 4"	Stainless steel	Stainless steel	32.5	116.3	102.4	14	3456327705
NPS 4"	Carbon steel	Stainless steel	32.5	116.3	102.4	14	3456327706



Extra gasket

Size	L (mm)	D (mm)	d (mm)	Item no. 1 pack	Item no. 2 pack
3/4"	1.5	24	16		3456636101
1"	1.5	30	23		3456636001
1 1/4"	1.5	39	30		3456635901
2"	1.5	56.5	46		3456639901
2 1/2"	1.5	72	63		3456640001
DN65/NPS	1.5	92	70	3456287002	
DN80/NPS 3"	1.5	106	83	3456287003	
DN100/NPS4"	1.5	132	107	3456287004	



General Information

Gaskets are included in all above couplings and counter compact flange kits.

Gasket material: REINZ AFM-34
 Nut and Pipe material: Stainless steel grade AISI 316

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