



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.

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	Item no. 50 pack
Welding a)	Carbon steel	Carbon steel	DN15	23	21	17	3456632401	3456632402
Welding a)	Carbon steel	Stainless steel	DN15	23	21	17	3456632801	-
Welding a)	Stainless steel	Stainless steel	DN15	23	21	17	3456875301	-
Soldering a)	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 a)	Carbon steel	Carbon steel	DN20	33	26.9	22	3456632201	3456632202
Welding a)	Carbon steel	Stainless steel	DN20	33	26.9	22	3456632301	-
Welding a)	Stainless steel	Stainless steel	DN20	33	26.9	22	3456875401	-
Welding b)	Carbon steel	Carbon steel	DN25	31	33.7	26.9	3456632701	3456632702
Soldering a)	Carbon steel	Brass	Cu22	20	25	22.1	3456634501	3456634502
Soldering a)	Carbon steel	Brass	Cu28 / Cu35	66	32	28	3456644001	-

Coupling ISO G 1¼" / DN32

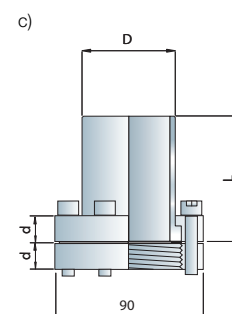
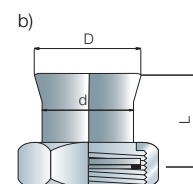
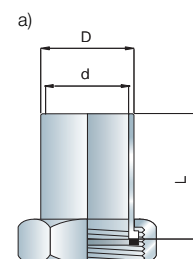
Type	Nut material	Pipe material	Pipe size	L (mm)	D (mm)	d (mm)	Item no. 2 pack	Item no. 50 pack
Welding a)	Carbon steel	Carbon steel	DN25	50	33.7	28.5	3456631901	3456631902
Welding a)	Carbon steel	Stainless steel	DN25	50	33.7	28.5	3456632001	-
Welding b)	Carbon steel	Carbon steel	DN32	43	42.4	33.7	3456632601	3456632602
Welding b)	Carbon steel	Stainless steel	DN32	43	42.4	33.7	3456632901	-
Welding b)	Stainless steel	Stainless steel	DN32	43	42.4	33.7	3456875501	-
Soldering a)	Carbon steel	Brass	Cu28 / Cu35	50	31.9	28	3456632101	3456632102

Coupling ISO G 2" / DN50

Type	Nut material	Pipe material	Pipe size	L (mm)	D (mm)	d (mm)	Item no. 2 pack	Item no. 30 pack
Welding a)	Carbon steel	Carbon steel	DN40	50	48.3	44	3456632501	3456632502
Welding a)	Carbon steel	Stainless steel	DN40	50	48.3	44	3456633001	-
Welding b)	Carbon steel	Carbon steel	DN50	50	60.3	52	3456631601	3456631602
Welding b)	Carbon steel	Stainless steel	DN50	50	60.3	52	3456631701	-
Soldering a)	Carbon steel	Brass	Cu42	44	48	42.1	3456634401	-
Welding a)	Stainless steel	Stainless steel	51x1.6	50	51	47.8	3456874901	-
Soldering a)	Carbon steel	Brass	Cu54	50	50.9	44.5	3456631801	-
Welding c) (Flanged)	Carbon steel	Carbon steel	DN40	90.5	48.3	20	3456788401	-

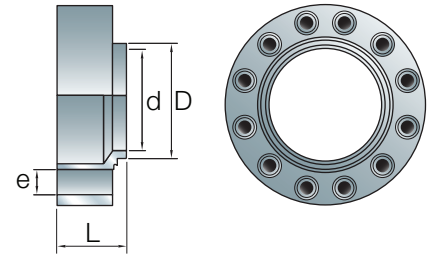
Coupling ISO G 2½" / DN65

Type	Nut material	Pipe material	Pipe size	L (mm)	D (mm)	d (mm)	Item no. 2 pack	Item no. 30 pack
Welding b)	Carbon steel	Carbon steel	DN65	65	76.1	60.3	3456634801	-
Welding a)	Carbon steel	Carbon steel	DN50	65	60.3	54	3456639501	-
Welding a)	Stainless steel	Stainless steel	63.5x1.8	65	63.5	59.9	3456875101	-



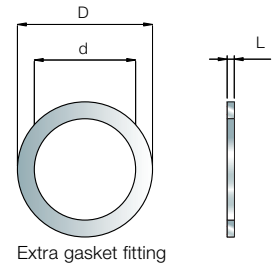
Counter compact flange kit

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 2 1/2"/PN40	Stainless steel	Stainless steel	32.5	73.5	62.7	14	3456327701
NPS 2 1/2"/PN40	Carbon steel	Stainless steel	32.5	73.5	62.7	14	3456327702
NPS 3" /PN40	Stainless steel	Stainless steel	32.5	90.5	78.0	14	3456327703
NPS 3" /PN40	Carbon steel	Stainless steel	32.5	90.5	78.0	14	3456327704
NPS 4" /PN35	Stainless steel	Stainless steel	32.5	116.3	102.4	14	3456327705
NPS 4" /PN35	Carbon steel	Stainless steel	33.5	116.3	102.4	14	3456327706



Extra gasket fitting

Size	L (mm)	D (mm)	d (mm)	Item no. 1 pack	Item no. 2 pack	Item no. 50 pack
3/4"	1.5	24	16		3456636101	-
1"	1.5	30	23		3456636001	3456636002
1 1/4"	1.5	39	30		3456635901	-
2"	1.5	56.5	46		3456639901	3456639902
2 1/2"	1.5	72	63		3456640001	-
DN65/NPS 2 1/2"	1.5	92	70	3456287002		-
DN80/NPS 3"	1.5	106	83	3456287003		-
DN100/NPS4"	1.5	132	107	3456287004		-



Extra gasket fitting

General Information

Gaskets are included in all above couplings and counter compact flange kit

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

How to contact Alfa Laval

Up-to-date AlfaLaval contact details for all countries are always available on our website on www.alfalaval.com