

## GA - Connect

Welding flange and half counter flange assembly, designed for accommodating clamp ferrule.

### Application:

- Minimizes retention areas due to its aseptic lower flange. Designed for the adaptation of clamp ferrules or portholes in conjunction with the Metaglas porthole ring combination.

### Type:

**GA connect sets are categorized into four distinct types:**

- ISO standards
- SMS specifications
- ASME standards
- standards DIN 11850 Series A

### Possible combinations:

- These portholes can be fitted with Metaglas porthole rings, references 80 and 99/NA, compatible with ATEX projectors or traditional non-ATEX projectors. The porthole features borosilicate glass and an appropriate counter flange.

### Certificate:

- Material certificate: 3.1 for flanges
- Roughness certification

### Nomenclatures and material selections:

Welding flange and counterflange:

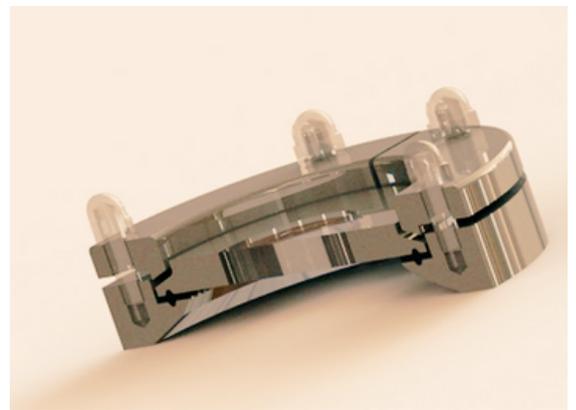
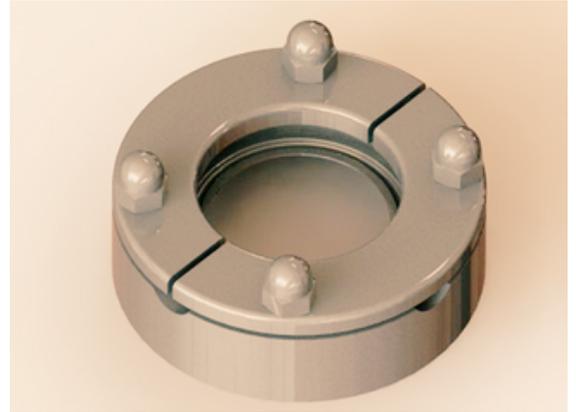
- Stainless steel grades 1.4404, 1.4307, 1.4435, 1.4539, or others.

Joint clamp: EPDM, silicone, PTFE.

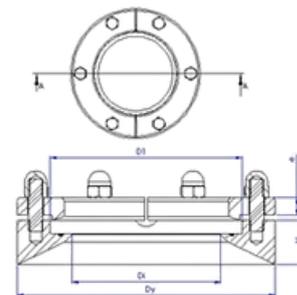
assembly screws, studs, and blind nuts

### Bespoke machining:

- Machining a radius at the welding flange for attachment to the tank shell is feasible. Flange thicknesses range from 12 to 25 mm, among other specifications. Custom machining of specialized flanges is available per the provided drawings.



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TO	D1 (TC)	H	Those	From	and	Screw number	Screws
ISO 1127							
ISO 25	50.5	25	85	29.7	5	4	M8x20
ISO 32	64	25	100	38.4	6	4	M8x20
ISO 40	64	25	100	44.3	6	4	M8x20
ISO 50	77.5	25	112	56.3	9.5	4	M8x25
ISO 65	91	25	131	71.5	10	6	M8x25
ISO 80	106	25	146	84.3	10	6	M8x25
ISO 100	130	25	170	109.7	10	8	M8x25
ISO 125	155	25	190	133.7	13	8	M8x30
ISO 150	183	25	235	146.7	13	8	M8x30
SMS							
SMS 25	50.5	25	85	22.6	5	4	M8x20
SMS 38	50.5	25	85	35.6	5	4	M8x20
SMS 51	64	25	100	48.6	6	4	M8x20
SMS 64	77.5	25	112	60.3	9.5	4	M8x25
SMS 76	91	25	131	72.9	10	6	M8x25
SMS 104	119	25	170	97.6	12	6	M8x30
ASTM A270							
OD 1"1/2	50.5	25	85	34.8	11	4	M8x25
FROM 2"	64	25	100	47.5	11	4	M8x25
OD 2"1/2	77.5	25	112	60.2	11	4	M8x25
FROM 3"	91	25	131	72.9	13	6	M8x25
FROM 4 inches	119	25	170	97.3	13	6	M8x30
FROM 6 inches	167	25	230	146.8	15	8	M8x30
DIN11850							
DN10	34	20	70	10	5	4	M8x20
DN15	34	20	70	16	5	4	M8x20
DN20	34	25	70	20	5	4	M8x20
DN25	50,5	25	85	26	6	4	M8x20
DN32	50,5	25	85	32	6	4	M8x20
DN40	50,5	25	85	38	6	4	M8x20
DN50	64	25	100	50	10	4	M8x20
DN65	91	25	131	66	12	6	M8x25
DN80	106	25	146	81	13	6	M8x25
DN100	119		170	100	15	8	M8x30

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