LEOPOLD PARTS

CSC CLEAN SEAL CONNECTOR / CLAMP CONNECTION DIN 32676

DIN

First identify the standard and tube size. Choose the clamp ferrule with the mating flange diameter shown in the same row. The mating flange Ø is the connection dimension. CSC outside Ø is the outside diameter of the connector itself.



CSC-Connector
Illustrative image

Standard / size	Tube Ø × wall thk. (mm)	Mating part flange Ø (mm)	CSC outside Ø (mm)	Height* (mm)	CSC model*
DIN 32676 / DN10	13,0 × 1,5	34	68	15-200	CSC0100XXX-DIN
DIN 32676 / DN15	19,0 × 1,5	34	68	15-200	CSC0150XXX-DIN
DIN 32676 / DN20	23,0 × 1,5	34	68	15-200	CSC0200XXX-DIN
DIN 32676 / DN25	29,0 × 1,5	50,5	85	15-400	CSC0250XXX-DIN
DIN 32676 / DN40	41,0 × 1,5	50,5	85	15-400	CSC0400XXX-DIN
DIN 32676 / DN50	53,0 × 1,5	64	100	15-400	CSC0500XXX-DIN
DIN 32676 / DN65	70,0 × 2,0	91	131	15-400	CSC0650XXX-DIN
DIN 32676 / DN80	85,0 × 2,0	106	146	15-400	CSC0800XXX-DIN
DIN 32676 / DN100	104,0 × 2,0	119	170	15-400	CSC1000XXX-DIN
DIN 32676 / DN125	129,0 × 2,0	155	195	20-400	CSC1250XXX-DIN
DIN 32676 / DN150	154,0 × 2,0	183	230	20-400	CSC1500XXX-DIN

Which part fits the CSC? The CSC is the tank connection welded into the tank. The mating part on the tube is a clamp ferrule. Its flange sits against the CSC with a suitable clamp gasket between them. The CSC system's locking ring holds the assembly together.

Male or female? Standard clamp connections are not usually described as male or female. Order the mating clamp ferrule using the standard, tube size and flange Ø in the table. INOX offers clamp ferrules in series 9862 and gaskets in series 8863.

* XXX indicates the selected height. The smallest DIN and ASME models go up to 200 mm. The height range does not indicate stock availability. Contact Leopold Parts for help choosing a mating part or gasket.

ASME

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CSC-Connector
Illustrative image

Standard / size	Tube Ø × wall thk. (mm)	Mating part flange Ø (mm)	CSC outside Ø (mm)	Height* (mm)	CSC model*
ASME / ½"	12,7 × 1,65	25,4	68	15-200	CSC01270XXX-ASM
ASME / ¾"	19,05 × 1,65	25,4	68	15-200	CSC01905XXX-ASM
ASME / 1"	25,4 × 1,65	50,5	85	15-400	CSC0254XXX-ASM
ASME / 1½"	38,1 × 1,65	50,5	85	15-400	CSC0381XXX-ASM
ASME / 2"	50,8 × 1,65	64	100	15-400	CSC0508XXX-ASM
ASME / 2½"	63,5 × 1,65	77,5	112	15-400	CSC0635XXX-ASM
ASME / 3"	76,2 × 1,65	91	131	15-400	CSC0762XXX-ASM
ASME / 4"	101,6 × 2,11	119	170	15-400	CSC1016XXX-ASM

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SMS / ISO 2852

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CSC-Connector
Illustrative image

Standard	Tube Ø × wall thk. (mm)	Mating part flange Ø (mm)	CSC outside Ø (mm)	Height* (mm)	CSC model*
DS/SMS 3008	25,0 × 1,2	50,5	85	15-400	CSC0250XXX-SMS
DS/SMS 3008	38,0 × 1,2	50,5	85	15-400	CSC0380XXX-SMS
ISO 2852/SMS 3017	38,6 × 1,5	50,5	85	15-400	CSC0380XXX-SMS
DS/SMS 3008	51,0 × 1,2	64	100	15-400	CSC0510XXX-SMS
ISO 2852/SMS 3017	51,6 × 1,5	64	100	15-400	CSC0510XXX-SMS
DS/SMS 3008	63,5 × 1,6	77,5	112	15-400	CSC0635XXX-SMS
ISO 2852/SMS 3017	64,1 × 1,9	77,5	112	15-400	CSC0635XXX-SMS
DS/SMS 3008	76,1 × 1,6	91	131	15-400	CSC0761XXX-SMS 101
DS/SMS 3008	76,1 × 2,0	91	131	15-400	CSC0761XXX-SMS 102
ISO 2852/SMS 3017	76,7 × 1,9	91	131	15-400	CSC0761XXX-SMS 101
DS/SMS 3008	101,6 × 2,0	119	170	15-400	CSC1016XXX-SMS
ISO 2852/SMS 3017	102,5 × 2,45	119	170	15-400	CSC1016XXX-SMS

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SMS 76,1: Version 101 is for 1,6 mm wall thickness (and ISO 76,7 × 1,9). Version 102 is for 2,0 mm wall thickness.