

# SCM

Super-clean Micro Fittings  
Weld Fittings

# SCL

Super-clean Long Fittings  
Weld Fittings

## ■ Features

- ⊙ Vacuum double melt material is available as an option for use in UHP piping in order to suppress gas emissions.
- ⊙ Surface roughness Rz 0.7 μm or less achieved by electropolishing.
- ⊙ Compact shapes save piping spaces.
- ⊙ The neck (straight pipe section) enables high quality weld by using automatic orbital welder.

## ■ Features

- ⊙ Surface roughness Rz 0.7 μm or less achieved by electropolishing.
- ⊙ When installing manifold piping, the long straight pipe sections enable less work (one welding spot not needed) because additional pipe will not be necessary.
- ⊙ The neck (straight pipe section) enables high quality weld by using orbital welder.

## ■ Product Code Table

Model <b>SCM</b>	Space <input type="checkbox"/>	Size Large Diameter: <b>4</b> Small Diameter: <b>0</b>	Type of Product <b>E</b>	Custom Specifications <b>-P0413</b>	Grade + Material <b>STD 316L</b>																																				
SCM SCL	Weld Fittings	<table border="1"> <tr><th>0</th><th>Same diameter as main line</th></tr> <tr><td>2</td><td>1/8"</td></tr> <tr><td>4</td><td>1/4"</td></tr> <tr><td>6</td><td>3/8"</td></tr> <tr><td>8</td><td>1/2"</td></tr> <tr><td>12</td><td>3/4"</td></tr> </table>	0	Same diameter as main line	2	1/8"	4	1/4"	6	3/8"	8	1/2"	12	3/4"	<table border="1"> <tr><td>E</td><td>Elbow</td></tr> <tr><td>T</td><td>Tee</td></tr> <tr><td>R</td><td>Reducer</td></tr> <tr><td>AT</td><td>Angle Tee</td></tr> <tr><td>C</td><td>Cross</td></tr> <tr><td>RT</td><td>Reducing Tee</td></tr> </table>	E	Elbow	T	Tee	R	Reducer	AT	Angle Tee	C	Cross	RT	Reducing Tee	<table border="1"> <tr><th>Space</th><th>Standard Item</th></tr> <tr><td>-P1304</td><td>The length of the straight pipe part will differ depending on the placement. (6.35,21mm)</td></tr> <tr><td>-P0413</td><td></td></tr> </table> <p>* Only SCM can be made for -P1304 and -P0413.</p>	Space	Standard Item	-P1304	The length of the straight pipe part will differ depending on the placement. (6.35,21mm)	-P0413		<table border="1"> <tr><td>STD 316L</td><td>Mechanical Polished + SUS316L</td></tr> <tr><td>EP 316L</td><td>Electro Polished + SUS316L</td></tr> <tr><td>SEP 316LE</td><td>Electro Polished + SUS316LE (Double Melt Material)</td></tr> </table> <p>Note: There is a space between the grade and the material.</p>	STD 316L	Mechanical Polished + SUS316L	EP 316L	Electro Polished + SUS316L	SEP 316LE	Electro Polished + SUS316LE (Double Melt Material)
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## ■ Product Grade

Grade	STD	EP	SEP
Material	SUS316L, SUS310LE (Double melt Material)		
Inner Roughness	≤ Rz 3.2 μm	≤ Rz 0.7 μm	
Polish	Mechanical Polished	Electro Polished	
Cleaning	Degreasing + Precision cleaning		
Clean Room Environment	Class10		
Packaging	Single bagged package	Double bagged package	

## ■ Production Range Table

Type of Product	SUS316L		SUS316LE
	STD	EP	SEP
SCM	○	○	○
SCL	○	○	Option