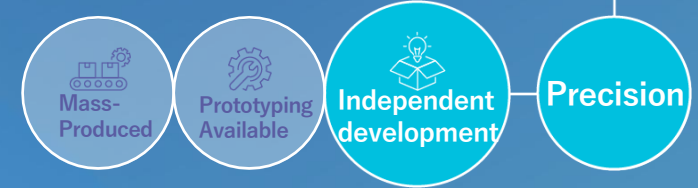


Fuel Cell Separator Plates (Stainless Steel)

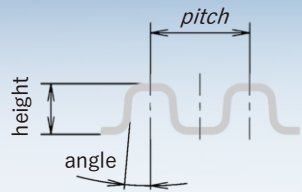


Product Features

- Enables the forming of separator plates from various stainless steel grades and thin sheets (0.08 mm)
- Aiming for narrow-angle and narrow-pitch flow channels to improve power generation efficiency

Material	Sheet Thickness (mm)
SUS316L	0.1
SUS304	0.1
SUS304	0.08

Flow Channels	Development Target	Prototype Exhibit	Market Research Product
Material thickness	0.08mm	0.1mm	0.1mm
Channel height	$\cong 0.5\text{mm}$	0.44mm	0.3mm
Channel pitch	$1.0\text{mm} \cong$	1.2mm	1.5mm
Channel angle	$5^\circ \cong$	13.5°	23°



Product Technology

- Stainless steel foil forming by material flow control
- Flow channel forming technology using high-precision forming analysis

