

NAS301-K3

High-Formability CSP Stainless Steel

NAS301-K3 conforms to SUS 301 CSP standards and offers improved formability with reduced surface roughness and microcracks, enabling more severe forming and smoother etched surfaces compared to standard SUS301 CSP materials.

Chemical Composition

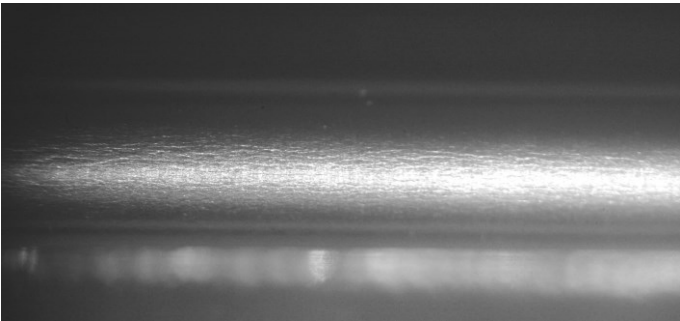
		[wt %]						
		C	Si	Mn	P	S	Ni	Cr
NAS301-K3	Spec	≤0.15	≤1.00	≤2.00	≤0.030	≤0.030	6.00～8.00	16.00～18.00
	Typical	0.09	0.86	0.80	0.030	0.002	6.42	16.55

Surface Finish After bending

The figure below shows the bent surface of a 0.2 mm thick H-finish material. Surface smoothness is improved, and microcracks are reduced.

NAS301-K3

Thickness (mm)	Tensile strength (N/mm2)	Hardness (HV)
0.2mm	1542	466



SUS301 CSP

Thickness (mm)	Tensile strength (N/mm2)	Hardness (HV)
0.2mm	1547	468

