



高精度不锈钢

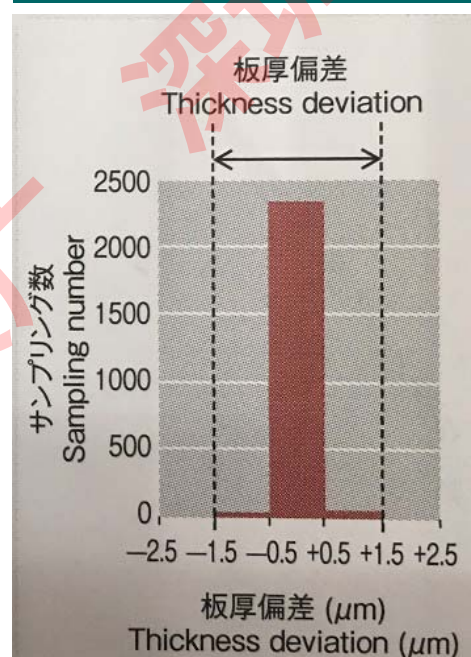
High Precision Stainless Steel

- JX 可以高精度的压延SUS301(Hv550以上) 的箔材(50~80μ)。
High precision rolling of high strength (above Hv550) SUS301 thin foil material (50-80μm) can be perform
- 通过高精度板厚管理、电镀层厚管理, 使得冲压后的尺寸稳定。
High accurate control of sheet and plating thickness stabilizes the product dimensions after stamping.
- 通过调整制造工序, 提升耐久性 (如: 触觉开关的寿命) 。
By optimizing the production process, material durability(example product:tactile switch)has been improved.

机械的特性 Mechanical properties

制品名 Alloy	质别 Temper	抗拉强度 Tensile strength (Mpa)	0.2%耐力 Yield strength (Mpa)	延伸率 Elongatio n (%)	硬度 Vickers hardnes s
SUS301	1/4H	≥800	≥250	≥20	250-310
	1/2H	≥930	≥510	≥10	310-370
	3/4H	≥1130	≥745	≥5	370-430
	H	≥1320	≥1030	-	430-490
	EH	≥1570	≥1275	-	≥490
SUS304	1/4H	≥650	≥200	≥15	200-250
	1/2H	≥780	≥470	≥6	250-310
	3/4H	≥930	≥665	≥3	310-370
	H	≥1130	≥880	-	≥370
SUS430	BA	≥450	≥205	≥15	130-200
	1/4H	500-650	-	≥10	170-210
	1/2H	600-800	-	≥6	210-250
	3/4H	750-950	-	≥3	250-290
	H	≥990	-	-	≥290

板厚精度 Thickness accuracy



表面性状 Surface roughness type

表面粗さ Ra(μm)
Surface roughness
BR: 0.05~0.15
BA: 0.15~0.4
DM: 0.3~0.6
DH: 0.7~1.1
SDH: 1.0~1.7

