

STAINLESS STEEL (SUS430)

Chemical Composition (%)

C	Si	Mn	P	S	Cr
≦0.120	≦0.75	≦1.00	≦0.040	≦0.030	16.00~18.00

Specification

* The results of each item are reference values.

* "-" in each item means that it cannot be measured or has not been measured.

SUS430-H	Thickness Tolerance mm		Hardness HV		Tensile Strength N/mm ² (MPa)		Elongation %		Surface Roughness(Rz) μm		
	mm	Specification	Result	Specification	Result	Specification	Result	Specification	Result	Specification	Result
0.010	±0.002	0.0107	-	316	-	1154	-	0.8	-	-	-
0.020	±0.002	0.0207	-	319	-	1050	-	0.8	-	-	-
0.030	±0.003	0.032	-	338	-	1007	-	1.4	-	-	-
0.050	±0.003	0.051	-	319	-	1006	-	1.5	≦1.00	0.32	
0.100	±0.005	0.101	-	301	-	913	-	1.7	≦1.00	0.40	