

Stainless Steel Mechanical Properties

STEEL GRADE	N/mm2 MIN. TENSILE STRESS	N/mm2 MIN. PROOF STRESS	% MIN. ELONGATION	HRB MAX. HARDNESS	BENDABILITY	
					BENDING ANGLE	INSIDE RADIUS
SUS201	520	275	40	100	No Require	-
SUS202	520	275	40	95	No Require	-
SUS301	520	205	40	95	No Require	-
SUS304	520	205	40	90	No Require	-
SUS304L	480	175	40	90	No Require	-
SUS310S	520	205	40	90	No Require	-
SUS316L	480	175	40	90	No Require	-
SUS321	520	205	40	90	No Require	-
SUH409L	360	175	25	80	180°	0.5 t (t<8 mm)
						1.0 t (t>8 mm)
SUS410	440	205	20	93	180°	1.0 time the thickness
SUS410L	360	195	22	88	180°	1.0 time the thickness
SUS410S	410	205	20	88	180°	1.0 time the thickness
SUS4201	520	225	18	97	No Require	-
SUS4202	540	225	18	99	No Require	-
SUS430	420	205	22	88	180°	1.0 time the thickness
SUS436L	410	245	20	96	180°	1.0 time the thickness
SUS4431	390	205	22	90	180°	1.0 time the thickness
SUS444	410	245	20	96	180°	1.0 time the thickness
SUS4301L	390	205	22	90	180°	1.0 time the thickness