



MATERIAL SPECIFICATIONS

● FOR FITTINGS MADE FROM SHEETS JIS G4304 SHALL BE APPLIED AS FOLLOWS.

Type	Carbon max. per cent	Mang- anese max. per cent	Phos- phorus max. per cent	Suller max. per cent	Silicon max. per cent	Chromium percent	Nickel percent	M O Other Elements	T.S Min Ksi	Y.S Min Ksi	Elong- ation per cent	Hardness	
												HB1	HR8
304	0.08	2.00	0.045	0.030	1.00	18.00 ~20.00	8.00 ~10.50		75	30	40	187	90
304L	0.03	2.00	0.045	0.030	1.00	18.00 ~20.00	9.00 ~13.00		70	25	40	187	90
316	0.08	2.00	0.045	0.030	1.00	16.00 ~18.00	10.00 ~14.00	Mo 2.00 ~ 3.00	75	30	40	187	90
316L	0.03	2.00	0.045	0.030	1.00	16.00 ~18.00	12.00 ~15.00	Mo 2.00 ~ 3.00	70	25	40	187	90

● FOR FITTINGS MADE FROM SEAMLESS AND WELDED PIPES JIS G3459
SHALL BE APPLIED AS FOLLOWS.

Grade	Carbon max. per cent	Mang- anese max. per cent	Phos- phorus max. per cent	Suller max. per cent	Silicon max. per cent	Chromium percent	Nickel percent	MO Other Elements	T.S Min Ksi	Y.S Min Ksi
SUS304	0.08	2.0	0.040	0.030	1.00	18.00~20.00	8.00~11.00		75	30
SUS304L	0.03	2.0	0.040	0.030	1.00	18.00~20.00	9.00~13.00		70	25
SUS316	0.08	2.0	0.040	0.030	1.00	16.00~18.00	10.00~14.00	Mo 2.00~ 3.00	75	30
SUS316L	0.03	2.0	0.040	0.030	1.00	16.00~18.00	12.00~16.00	Mo 2.00~ 3.00	70	25