

BREAKING LOAD AND MATERIAL CERTIFICATE

Certification Scope :

This certificate certifies the breaking load of stainless steel products as per stated in the table below and material of casting and non-casting sections conform to the following chemical composition table.

Item :


BREAKING LOAD

No.	C_Item	Description	Material	Breaking Load (kgs.)
1	27803103	SF7803/CP FORK TERMINAL 3MM	316	1,250
2	67803008	SF7803/CP FORK TERMINAL 8MM	316	6,500
3	67803010	SF7803/CP FORK TERMINAL 10MM	316	9,000
4	67803012	SF7803/CP FORK TERMINAL 12MM	316	11,000
5	67803114	SF7803/CP FORK TERMINAL 14MM	316	13,000
6	67803116	SF7803/CP FORK TERMINAL 16MM	316	18,000
7	27803100	SF7803/CP FORK TERMINAL 10MM*100MM	316	9,000
8	27803112	SF7803/CP FORK TERMINAL 12MM*144MM	316	11,000
9	27803240	SF7803/CP FORK TERMINAL 14MM*168MM	316	13,000
10	27803016	SF7803/CP FORK TERMINAL 16MM*192MM	316	18,000

NOTE: Procedure and setup of this testing are performed under KZ SDI-QCFT standards. Proper safety coefficient must be applied by the intended users.

MATERIAL COMPOSITION

Part of Products	Chemical Composition			
	C%	Cr%	Mo%	Ni%
Standard Material 304 of Casting (CF-8)	≤0.08	18.00-21.00	-	8.00-11.00
Standard Material 304 of Non-Casting (304)	≤0.08	18.00-20.00	-	8.00-10.50
Standard Material 316 of Casting (CF-8M)	≤0.08	18.00-21.00	2.00-3.00	9.00 -12.00
Standard Material 316 of Non-Casting (316)	≤0.08	16.00-18.00	2.00-3.00	10.00-14.00

NOTE: Casting sections have been examined with spectra-analysis for their chemical composition and tested under internal lab settings of temperature 25°C ±3°C, humidity 45% ±10% by a competent Non-casting sections are certified by their respective suppliers.

COMPARISON CHART OF MAJOR INTERNATIONAL STANDARDS

USA AISI	Japan JIS	Great Britain B.S.	Germany DIN	Germany W.-Nr
CF-8	SCS 13	304 C 15	GX5 CrNi 19-10	1.4308
304	SUS 304	304 S 31	X5CrNi 18-10	1.4301
CF-8M	SCS 14	316 C 16	X5 CrNiMo 19-11-2	1.4408
316	SUS 316	316 S 33	X5 CrNiMo 17-12-2	1.4401