

ステンレス鋼鋳鋼品
STAINLESS STEEL CASTINGS

	classification	Domestic Designation	Designations	C max.	Si max.	Mn max.	P max.	S max.	Ni	Cr	Mo	Nb	Cu	W	N	heat treatment	Yield Point N/mm2 min.	Tensile Strength N/mm2 min.	Elongation % min.	Rd. of Area % min.	Charpy Impact J min.	Hardness HB	PRE Value
6-1	ferrite, martensite stainless	SCS 1 T1	A743 CA-15	0.15	1.50	1.00	0.040	0.040	(≤ 1.00)	11.5 ~14.00	(≤ 0.50)					An Nr T	345	540	18	40		163 ~229	
6-2		SCS 1 T2	A743 CA-15	0.15	1.50	1.00	0.040	0.040	(≤ 1.00)	11.5 ~14.00	(≤ 0.50)					An Nr T	450	620	16	30		179 ~241	
6-7		SCS 5 T			0.06	1.00	1.00	0.040	0.040	3.50 ~4.50	11.5 ~14.00					An Nr T	540	740	13	40		217 ~277	
6-8		SCS 6 T	A743 CA-6MN		0.06	1.00	1.00	0.040	0.040	3.50 ~4.50	11.5 ~14.00	0.40 ~1.00				An Nr T	550	750	15	35		≤ 302	
6-12	austenite stainless	SCS 13 S	A743 CF-8	0.08	2.00	2.00	0.040	0.040	8.00 ~11.00	18.00 ~21.00(23.00)						Q	185	440	30			≤ 183	
6-13		SCS 13A S			0.08	2.00	1.50	0.040	0.040	8.00 ~11.00	18.00 ~21.00(23.00)						Q	205	480	33			≤ 183
6-14		SCS 14 S	A743 CF-8M	0.08	2.00	2.00	0.040	0.040	10.00 ~14.00	17.00 ~20.00(23.00)	2.00 ~3.00					Q	185	440	28			≤ 183	
6-15		SCS 14A S			0.08	1.50	1.50	0.040	0.040	9.00 ~12.00	18.00 ~21.00(23.00)	2.00 ~3.00					Q	205	480	33			≤ 183
6-16		SCS 15 S		0.08	2.00	2.00	0.040	0.040	10.00 ~14.00	17.00 ~20.00	1.75 ~2.75		1.00 ~2.50			Q	185	440	28			≤ 183	
6-17		SCS 16 S	A743 CF-3M	0.03	1.50	2.00	0.040	0.040	12.00 ~16.00	17.00 ~20.00	2.00 ~3.00					Q	175	390	33			≤ 183	
6-18		SCS 16A S			0.03	1.50	1.50	0.040	0.040	9.00 ~13.00	17.00 ~21.00	2.00 ~3.00				Q	205	480	33			≤ 183	
6-21		SCS 19 S	A743 CF-3	0.03	2.00	2.00	0.040	0.040	8.00 ~12.00	17.00 ~21.00						Q	185	390	33			≤ 183	
6-22		SCS 19A S			0.03	2.00	1.50	0.040	0.040	8.00 ~12.00	17.00 ~21.00					Q	205	480	33			≤ 183	
6-23		SCS 20 S		0.03	2.00	2.00	0.040	0.040	12.00 ~16.00	17.00 ~20.00	1.75 ~2.75		1.00 ~2.50			Q	175	390	33			≤ 183	
6-24		SCS 21 S	CF 8C	0.08	2.00	2.00	0.040	0.040	9.00 ~12.00	18.00 ~21.00		$\geq 10 \times C\%$ ≤ 1.35				Q	205	480	28			≤ 183	
6-25		SCS 22 S		0.08	2.00	2.00	0.040	0.040	10.00 ~14.00	17.00 ~20.00	2.00 ~3.00	$\geq 10 \times C\%$ ≤ 1.35				Q	205	440	28			≤ 183	
6-26		SCS 23 S	CN 7M	0.07	2.00	2.00	0.040	0.040	27.50 ~30.00	19.00 ~22.00	2.00 ~3.00		3.00 ~4.00			Q	165	390	30			≤ 183	
6-27	precipitation hardening stainless	SCS 24 H900	CB 7Cu	0.07	1.00	1.00	0.040	0.040	3.00 ~5.00	15.50 ~17.50		0.15 ~0.45	2.50 ~4.00			1020~1080°C Q 475~525°C AC	1030	1240	6			≥ 375	
6-28		SCS 24 H1025	CB 7Cu	0.07	1.00	1.00	0.040	0.040	3.00 ~5.00	15.50 ~17.50		0.15 ~0.45	2.50 ~4.00			1020~1080°C Q 535~585°C AC	885	980	9			≤ 311	
6-29		SCS 24 H1075	CB 7Cu	0.07	1.00	1.00	0.040	0.040	3.00 ~5.00	15.50 ~17.50		0.15 ~0.45	2.50 ~4.00			1020~1080°C Q 565~615°C AC	785	960	9			≤ 277	
6-30		SCS 24 H1150	CB 7Cu	0.07	1.00	1.00	0.040	0.040	3.00 ~5.00	15.50 ~17.50		0.15 ~0.45	2.50 ~4.00			1020~1080°C Q 605~655°C AC	665	850	10			≤ 269	