

## High-Performance Alloys

Among stainless steels and alloys, these high-performance alloys provide superior functionality.

Features include high corrosion resistance, heat resistance, high strength and other special features such as not being magnetizable. These alloys are used in harsh environments under tough conditions in advanced technology fields such as desalination, atomic power, semiconductors, solar cells and fuel cells.

### 고기능 합금강

스테인레스 강 및 합금 강종중 고성능 합금은 우수한 기능을 제공합니다. 즉 내식성, 내열성, 높은 강도 로써 자성화되지 않으며 기타 다른특징을 가지고 있습니다. 이러한 합금은 탈염 등의 첨단 기술 분야, 원자력, 반도체, 태양 전지 및 연료 전지와같은 특수한 조건의 혹독한 환경에서 사용되고있습니다.

Nippon Yakin Grade	UNS	EN / DIN	JIS	Chemical Composition
NAS 255	N08904	1.4539	SUS 890L	20Cr-24Ni-4.3Mo-1.5Cu
NAS 335X	N08020	—	—	20Cr-33Ni-2.5Mo-3Cu-0.4Nb
NAS 185N	S31254	1.4547	SUS 312L	20Cr-18Ni-6Mo-0.8Cu-0.2N
NAS 254N	S32053	—	SUS 836L	23Cr-25Ni-5.5Mo-0.2N
NAS 254NM	N08367	—	—	21Cr-24Ni-6Mo-0.2N
NAS 255NM	N08926	1.4529	—	20Cr-25Ni-6Mo-1Cu-0.2N
NAS 224N	S32050	—	—	23Cr-22Ni-6Mo-0.25N
NAS 325N	N08031	—	—	27Cr-31Ni-6.5Mo-1.2Cu-0.2N
NAS 354N	N08354	—	—	23Cr-35Ni-7.5Mo-0.2N
NAS 329J3L	S31803 S32205	1.4462	SUS 329J3L	22Cr-5.3Ni-3.2Mo-0.16N
NAS 64	S32506	—	SUS 329J4L	25Cr-6.5Ni-3.3Mo-0.17N
NAS 74N	S32750	1.441	—	25Cr-7Ni-3.8Mo-0.27N
NAS 75N	S32760	1.4501	—	25Cr-7Ni-3.6Mo-0.6Cu-0.6W-0.27N
NAS 825	N08825	2.4858	NCF 825	40Ni-23Cr-3Mo-2Cu-0.7Ti
NAS 625	N06625	—	NCF 625	62Ni-22Cr-9Mo-3.7Nb-0.2Ti-0.2Al
NAS NW22	N06022	2.4602	NW 6022	57Ni-21Cr-14Mo-3W-4Fe
NAS NW276	N10276	2.4819	NW 0276	59Ni-15Cr-16Mo-4W-5Fe
NAS NW400	N04400	—	NW 4400	65Ni-32Cu-1Fe
NAS H330	N08330	—	—	35Ni-18Cr-1.2Si
NAS 800	N08800	1.4876	NCF 800	32Ni-20Cr-0.4Ti-0.3Al
NAS 800H	N08810	1.4876	NCF 800H	32Ni-20Cr-0.2Ti-0.2Al
NAS 800T	N08811	1.4876	—	32Ni-20Cr-0.5Ti-0.5Al
NAS H840	—	—	—	19Ni-20Cr-0.4Ti-0.4Al
NAS 600	N06600	2.4816	NCF 600	77Ni-16Cr-6Fe
NAS 601	N06601	2.4851	NCF 601	60Ni-23Cr-1Al-0.2Ti
NAS 660	S66286	—	SUH 660	25Ni-15Cr-1Mo-2Ti-0.3V-0.2Al
NAS HX	N06002	2.4665	NW 6002	47Ni-22Cr-9Mo-18Fe-1.5Co-0.6W
NAS 750	N07750	2.4669	NCF 750	73Ni-16Cr-7Fe-2.5Ti-1Nb-0.7Al
NAS 630	S17400	1.4542	SUS 630	17Cr-4Ni-4Cu-0.2Nb
NAS 631	S17700	1.4568	SUS 631	17Cr-7Ni-1Al
NAS XM-19	S20910	—	—	21Cr-12Ni-5Mn-2Mo-0.2Nb-0.2V-0.3N
NAS 36	K93600	1.3912	PD	36Ni-Fe
NAS 36LG	K93600	—	—	36Ni-Fe
NAS 42	K94100	1.3917	—	42Ni-Fe
NAS 21-6	—	—	—	21Ni-6Cr-Fe
NAS 22-3	—	—	—	22Ni-3Cr-Fe
NAS 206MN	—	—	—	20Ni-6Mn-Fe
NAS PB	—	1.392	PB	48Ni-Fe
NAS PC	—	2.453	PC	77Ni-4Mo-5Cu-Fe
NAS NM15M	—	—	—	17Cr-15Mn-4Ni-0.3N
NAS NM17	—	—	—	17Cr-17Mn-7.3Ni
NAS Ni201	N 02201	2.4068	NW 2201	99Ni
NAS 8R10	—	—	—	—

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