

NICKEL BASE COMPONENTS



Brand ID	Metal Grade	Chemical Composition(Weight%)										Application	Reference Standard
		C	Si	Cr	Mo	Mn	Fe	Cu	Ti	Ai	Ni		
HCS 200Z	NI200	1	2	--	--	1.5	3	1.25	--	--	Bal	Used in sea water, lye, hydrofluoric acid and other corrosion liquid.	ASTM A494 CZ100
HCS 202	NI202	0.15	3.3	--	--	--	--	--	--	B2.3	Bal	Glass mould, plunger chip, plug, control ring, etc.	Dameron 40
HCS CZ	NI205	0.12	1	16.5	17	1	6.5	--	W4	V0.3	Bal	Chemical industrial pump and valve, sulphuric acid valve, mixed acid valve and oxygen valve.	ASTM A494 CW-12MW
HCS BZ	NI206	0.12	1	1	28	1	5	--	--	V0.4	Bal	Used in hydrochloric and gaseous hydrogen chloride-resistant parts of pump and valve for chemical industry.	ASTM A494 N-12MV
HCS207	NI207N	--	1.2	25	11	--	--	--	--	--	Bal	Dental Material	
HCS219	NI219	--	--	12.7	9	--	--	Be2	0.4	2	Bal	Dental Material	NiBe19 Ingot
HCS22	NI222	--	0.5	22	13	0.7	4	--	--	--	Bal	Mixed acid, sulphuric acid, chloride and acetic acid	ASTM A494 CX2MW
HCS30C	NI230	0.3	1.5	--	--	1.5	3.5	30	Nb2	--	Bal	Used in chemical pump and valve, sea water, hydrofluoric acid, lye, sulphuric acid.	ASTM A494 M-30C
HCS35-2	NI235	0.35	2	--	--	1.5	3.5	30	Nb0.5	--	Bal	Same as M-30C	ASTM A494 M-35-2
HCS35-1	NI240	0.35	1.25	--	--	1.5	3.5	29.5	Nb0.5	--	Bal	Used in sea water, sulphuric acid, hydrofluoric acid, lye and Oxygen valve.	ASTM A494 M-35-1
HCS255	NI255	0.05	0.5	12.5	3	1.5	1.7	Bi4	Sn4	--	Bal	For impeller in food industry	ASTM A494 CY5SnBiM
HCS600	NI260	0.4	3	15.5	--	1.5	11	--	--	--	Bal	Used in heat exchange pipe, valve and inner parts of ammonia compounding column, oxygen valve and etc.	ASTM A494 CY40