

Section 2 Iron, Steel & Alloy(Disk)

Number		Chemical Composition(Percent)										Unit Size (mm)	
		C	Si	Mn	P	S	Cr	Ni	Mg	Ti	Ce		
NCS HS 92746	Alloy Cast Iron	3.36	2.44	0.231	0.040	0.0060	0.16	2.24	0.033	0.073	0.0060	ø30×30	
Chemical Composition(Percent)													
Number		C	Si	Mn	P	S	Cr	Ni	Cu	Mo	V	Nb	Unit Size (mm)
NCS HS 93743	Stainless Steel	0.044	0.723	1.2	0.035	0.0013	18.45	9.21	0.148	0.405	0.068	0.504	D37X35
NCS HS 93744	Stainless Steel	0.014	0.185	0.85	0.021	0.0031	19.62	23.45	1.23	4.4	0.054	0.086	D37X35
NCS HS 93745	Stainless Steel	0.206	0.3	0.474	0.014	0.0036	10.5	0.639	0.072	0.748	0.196	0.353	D37X35
Chemical Composition(Percent)													
		Co	Ti	Alt	W	Sn	N						
NCS HS 93743	Stainless Steel	0.118											
NCS HS 93744	Stainless Steel	0.169	0.01	0.161	0.086								
NCS HS 93745	Stainless Steel	0.032				0.005	0.071						
Chemical Composition(Percent)													Unit Size (mm)
Number		C	Si	Mn	P	S	Ni	Cr	Cu	Mo	V	Ti	
NCS HS28705a-1	Pig Iron	4.3	0.228	1.48	0.014	0.153	0.012	0.022	0.0079	0.0035	0.558	0.0093	ø30×30
NCS HS28705a-2	Pig Iron	3.73	0.61	1.34	0.056	0.147	0.06	0.077	0.071	0.071	0.489	0.032	ø30×30
NCS HS28705a-3	Pig Iron	3.5	1.32	1.12	0.188	0.114	0.18	0.142	0.136	0.147	0.356	0.225	ø30×30
NCS HS28705a-4	Pig Iron	3.27	1.96	0.85	0.147	0.09	0.371	0.233	0.233	0.261	0.257	0.248	ø30×30
NCS HS28705a-5	Pig Iron	2.91	2.54	0.65	0.104	0.053	0.54	0.382	0.326	0.347	0.173	0.287	ø30×30
NCS HS28705a-6	Pig Iron	2.44	3.31	0.403	0.298	0.03	0.792	0.46	0.404	0.427	0.067	0.342	ø30×30
NCS HS28705a-7	Pig Iron	1.72	3.94	0.172	0.452	0.0091	0.99	0.525	0.51	0.524	0.016	0.586	ø30×30
Chemical Composition(Percent)													
		Alt	Als	Sn	Co	Pb	B	Sb	Zn	As			
NCS HS28705a-1	Pig Iron	0.031	0.028	0.0006	0.082	0.0015	0.0008	0.0006	0.0006	0.0033			
NCS HS28705a-2	Pig Iron	0.0047	0.004	0.43	0.108	0.0002	0.0031	0.08	0.0009	0.0046			
NCS HS28705a-3	Pig Iron	0.076	0.074	0.033	0.056	0.0046	0.019	0.038	0.001	0.061			
NCS HS28705a-4	Pig Iron	0.052	0.05	0.065	0.038	0.017	0.075	0.052	0.0016	0.082			
NCS HS28705a-5	Pig Iron	0.125	0.12	0.108	0.02	0.0042	0.088	0.077	0.002	0.046			
NCS HS28705a-6	Pig Iron	0.065	0.061	0.187	0.0061	0.016	0.133	0.13	0.0025	0.015			
NCS HS28705a-7	Pig Iron	0.19	0.182	0.294	0.0048	0.022	0.225	0.228	0.0034	0.0061			
Chemical Composition(Percent)													Unit Size (mm)
Number		C	Si	Mn	S	Cu	Fe	Cr	Mo	Co	V	W	
NCS HS35740	Corrosion-resistant alloy	0.026	0.493	1.27	0.0018*	0.024	4.03	15.62	19.72	2.49	0.149	3.59	ø35×20
NCS HS35741	Corrosion-resistant alloy	0.046	1.22	0.909	0.016		2.97	16.46	18.44	1.7	0.282	4.02	ø35×20
NCS HS35742	Corrosion-resistant alloy	0.2	1.4	0.1	0.035	0.45	8	20	15.9	0.055	0.62	6	ø35×20
NCS HS35743	Corrosion-resistant alloy	0.084	1.01	0.597	0.031	0.019	5.94	0.375	27.94	1.7	0.212	0.096	ø35×20
Chemical Composition(Percent)													
		Ti	Al	N	Ni*	P	Nb	Zr*	Ni				
NCS HS35740	Corrosion-resistant alloy	0.267	0.008	0.004									
NCS HS35741	Corrosion-resistant alloy	0.181	0.005	0.0091	53.8	0.05							
NCS HS35742	Corrosion-resistant alloy	0.2	0.7	0.008									
NCS HS35743	Corrosion-resistant alloy	0.034	0.016	0.0013		0.049	0.056	0.016	61.8				

