

Standard

Reference analysis

SS	WERKSTOFF NR	DIN	AISI	C	SI	MN	CR	MO	NI	V	NB	N	W	P MAX	S MAX		
LOW-ALLOY STEELS																	
2172	1.1133	20Mn5		0.18	0.45	1.3	0.1							0.035	0.035		
2225	1.7218	25CrMo4	4130	0.25	0.5	0.6	1.05	0.20						0.035	0.035		
2244	1.7225	42CrMo4	4140	0.42	0.5	0.7	1.05	0.20						0.035	0.035		
2511			3115	0.15	0.3	0.9	0.8		1.15					0.035	0.050		
2230	1.8159	50CrV4		0.51	0.30	0.85	1.05			0.15				0.035	0.035		
TOOL STEELS																	
2242	1.2344	X 40CrMoV5 1		0.40	1.05	0.40	5.25	1.35		1.00				0.030	0.020		
2260	1.2363	X100CrMoV5 1	A2	1.00	0.25	0.60	5.25	1.10		0.20				0.030	0.020		
HIGH SPEED STEEL																	
	1.3207	HS 10-4-3-10		1.28	0.30	0.30	4.2	3.55		3.2			9.5	0.030	0.030		Co10.0
STAINLESS AND ACID-PROOF STEELS																	
	1.4308	X 5CrNi19-10	304	0.05	1.0	1.0	19	0.1	9.5					0.040	0.030		
	1.4408			0.05	1.0	1.0	19	2.3	10.5					0.040	0.030		
2343	1.4436		316	0.04	0.80	1.70	18.5	2.7	11.0					0.040	0.030		
2324	1.4460		329	0.04	1.20	1.80	25.0	1.6	5.0					0.040	0.030		
2377	1.4462	X2CrNiMoN22-5-3		0.02	1.0	1.5	22	3.0	5.5			0.10		0.040	0.030		
	1.4581			0.04	1.0	1.0	19	2.2	10.5		0.5			0.040	0.030		
COBALT-BASED ALLOYS																	
SAE AMS 5387				1.1	0.5	0.5	29	0.7	1.5				4.5	0.025	0.025	Fe1.5	Co bal.
50- Nb				1.9	1.2	0.2	28	3.7	7		5.5			Cu1.6		Fe3.0	Co bal.