

Material Conversion (ASTM - KS - JIS - DIN)

ASME(ASTM)		KS		JIS	
SPEC.	GRADE	ST'D NUMBER	SYMBOL	ST'D	SYMBOL
				NUMBER	
A-27	Gr.50-30	D4101	SC 42	G 5101	SC 42
	Gr.65-35	D4101	SC 46	G 5101	SC 46
	Gr.70-36	D4101	SC 49	G 5101	SC 49
A-47	Gr.32510	D 4303	BMC 35	G 5702	FCMB 35
	Gr.35018	D 4303	BMC 37	G 5702	FCMB 37
A-48	Cl.No. 20A-C	D 4301	GC 15	G 5501	FC 15
	Cl.No. 30A-C	D 4301	GC 20	G 5501	FC 20
	Cl.No. 35A-C	D 4301	GC 25	G 5501	FC 25
	Cl.No. 40A-C	D 4301	GC 30	G 5501	FC 30
A-53	Type S.Gr.A	D 3562	SPSS 38-S	G 3454	STPG 38-S
	Type S.Gr.B	D 3562	SPSS 42-S	G 3454	STPG 42-S
	Type E.Gr.A	D 3562	SPSS 38-E	G 3454	STPG 38-E
	Type E.Gr.B	D 3562	SPSS 42-E	G 3454	STPG 42-S
SA-105		D 3710	SF 50	G 3201	SF 50
		D 3710	SF 50	G 3201	SF 50PV
		D 3710	SF 45	G 3201	SF 45
		D 3752	SM 30C	G 40511	S 30 C
		D 3752	SM 25C	G 4051	S 25 C
SA-106	Gr. A	D 3564	SPPH 38	G 3455	STS 38
		D 3570	SPHT 38-S	G 3456	STPT 38-S
	Gr. B	D 3564	SPPH 42	G 3455	STS 42
		D 3570	SPHT 42-S	G 3456	STPT 42-S
	Gr. C	D 3564	SPPH 49	G 3455	STS 49
		D 3570	SPHT 49-S	G 3456	STPT 49-S
A-120		D3507	SPP-B	G 3452	SGP-B
		D3507	SPP-E	G 3452	SPP-E
A-128	Cl. A	D 4301	GC 15	G 5501	FC 15
	Cl. B	D 4301	GC 20	G 5501	FC 20
	Cl. C	D 4301	GC 25	G 5501	FC 25
		D 4301	GC 30	G 5501	FC 30

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				NUMBER	
A-131	Gr. A	D 3515	SWS 41A	G 3106	SM 41 A
	Gr. B	D 3515	SWS 41B	G 3106	SM 41 B
	Gr. D	D 3515	SWS 41C	G 3106	SM 41 C
SA-134		D 3583	SPW 41	G 3457	STPY 41
A-139	Gr. A	D 3583	SPW 41	G 3457	STPY 41
SA-178	Gr. C	D 3563	STH42-EC	G 3461	STB 42-EC
SA-179		D 3563	STH 33-SC	G 3451	STB 33-SC
SA-181	Gr. I	D 3710	SF 40	G 3201	SF 40
		D 3710	SF 45	G 3201	SF 45PV
	Gr. II	D 3710	SF 50	G 3201	SF 50
		D 3710	SF 50	G 3201	SF 50PV
SA-182	F 1	D 4110	SFHV 12B	G 3213	SFHV 12B
	F 2	D 4110	SFHV 13B	G 3213	SFHV 13S
	F 5	D 4110	SFHV 25	G 3213	SFHV 25
	F 9	D 4110	STS 26B	G 3213	SFHV 26B
	F 11	D 4110	STS 23B	G 3213	SFHV 23B
	F 12	D 4110	STS 22B	G 3213	SFHV 22B
	F 22	D 4110	STS 24B	G 3213	SFHV 24B
	F 304	D 3214	STS 304	G 3214	SUSF 804
	F 304 H	D 3214	STS 304H	G 3214	SUSF 804H
	F 304 L	D 3214	STS 304L	G 3214	SUSF 804L
	F 310	D 3214	STS 310	G 3214	SUSF 810
	F 316	D 3214	STS 316	G 3214	SUSF 816
	F 316 H	D 3214	STS 316H	G 3214	SUSF 816H
	F 316 L	D 3214	STS 316L	G 3214	SUSF 816L
F 321	D 3214	STS 321	G 3214	SUSF 821	

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				NUMBER	
	F 321	D 3214	STS 321	G 3214	SUSF 821
	F 321 H	D 3214	STS 321H	G 3214	SUSF 821H
	F 347	D 3214	STS 347	G 3214	SUSF 847
	F 347 H	D 3214	STS 347H	G 3214	SUSF 847H
SA-192		D3563	STH 35-SC	G 3461	STB 35-SC
		D3563	STH 35-SH	G 3461	STB 35-SH
		D3563	STH 35-SH	G 3461	STB 33-SH
SA-193	Gr. B5	D 3755	SNB 5	G 4107	SNB 5
	Gr. B7	D 3755	SNB 7	G 4107	SNB 7
	Gr. B16	D 3755	SNB 16	G 4107	SNB 16
SA-194	Gr. 2 H	D 3752	SM 45C	G 4051	S 45 C
	Gr. 3	D 3755	SNB 5	G 4107	SNB 5
	Gr. 4	-	-	-	-
SA-199	Gr. T5	D 3752	STHA 24 -SC, -SH	G 3462	STBA 25 -SC, -SH
	Gr. T9	D 3752	STHA 25 -SC, -SH	G 3462	SNB 25 -SC, -SH
	Gr. T11	D 3752	STHA 22 -SC, -SH	G 3462	SNB 23 -SC, -SH
	Gr. T22	D 3752	STHA 23 -SC, -SH	G 3462	SNB 24 -SC, -SH
SA-204	Gr. A	D 3560	SBB 46M	G 3103	SB 46M
	Gr. B	D 3560	SBB 49M	G 3103	SB 49M
SA-209	Gr. T1	D 3572	STHA12 -SC,-SH	G 3462	STHA12 -SC,- SH
	Gr. T1a	D 3572	STHA13 -SC,-SH	G 3462	STHA13 -SC,- SH
SA-210	Gr. A1	D 3563	STH 42-SC	G 3461	STB 42 -SC
		D 3563	STH 42-SH	G 3461	STB 42 -SH
	Gr. T 2	D 3572	STHA 20 -SC,-SH	G 3462	STBA 20 -SC, -SH
	Gr. T 5	D 3572	STHA 24 -SC,-SH	G 3462	STBA 25 -SC, -SH

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				NUMBER		
SA-213	Gr. T 11	D 3572	STHA 22 -SC,-SH	G 3462	STBA 23 -SC, -SH	
	Gr. T 12	D 3572	STHA 21 -SC,-SH	G 3462	STBA 22 -SC, -SH	
	Gr. T 22	D 3572	STHA 23 -SC,-SH	G 3462	STBA 24 -SC, -SH	
	Gr. TP304	D 3577	STS 304 TB-SC	G 3463	SUS 304 -TB, -SC	
		D 3577	STS 304 TB-SH	G 3463	SUS 304 -TB, -SH	
	Gr. TP304H	D 3577	STS 304 HTB -SC,- SH	G 3463	SUS 304 HTB-SC,-SH	
	Gr. TP304L	D 3577	STS 304 LTB -SC	G 3463	SUS 304 LTB-SC	
		D 3577	STS 304 LTB -SH	G 3463	SUS 304 LTB-SH	
	Gr. TP316	D 3577	STS 316 TB -SC	G 3463	SUS 316 TB-SC	
		D 3577	STS 316 TB -SH	G 3463	SUS 316 TB-SH	
	Gr. TP316H	D 3577	STS 316 HTB-SC,- SH	G 3463	SUS 316 HTB-SC,-SH	
	Gr. TP316L	D 3577	STS 316 LTB -SC	G 3463	SUS 316 LTB-SC	
		D 3577	STS 316 LTB -SH	G 3463	SUS 316 LTB-SH	
	Gr. TP321	D 3577	STS 321 TB -SC	G 3463	SUS 321 TB-SC	
		D 3577	STS 321 TB -SH	G 3463	SUS 321 TH-SH	
	Gr. TP347	D 3577	STS 347 TB -SC	G 3463	SUS 347 TB-SC	
		D 3577	STS 347 TB -SH	G 3463	SUS 347 TB-SH	
	SA-214		D3563	STH 33-EC	G 3461	STB 33-EC

ASME(ASTM)		KS		JIS	
SPEC.	GRADE	ST'D NUMBER	SYMBOL	ST'D	SYMBOL
				NUMBER	
SA-216	Gr. WCA	D 4101	SC 42	G 5101	SC 42
		D 4106	SCW 42	G 5102	SCW 42
		D 4107	SCPH 1	G 5151	SCPH 1
	Gr. WCB	D 4101	SC 49	G 5101	SC 42
		D 4106	SCW 49	G 5102	SCW 49
		D 4107	SCPH 2	G 5151	SCPH 2
	Gr. WCC	D 4106	SCW 49	G 5102	SCW 49
		D 4107	SCPH 2	G 5151	SCPH 2
SA-217	Gr. WC1	D 4107	SCPH 11	G 5151	SCPH 11
	Gr. WC6	D 4107	SCPH 21	G 5151	SCPH 21
	Gr. WC9	D 4107	SCPH 32	G 5151	SCPH 32
	Gr. C 5	D 4107	SCPH 61	G 5151	SCPH 61
	Gr. C12	D 4107	SCPH 61	G 5151	SCPH 61
SA-226		D 3763	STH 35 -EC	G 3461	STB 35-EC
SA-234					
SA-240	Type 302	D 3705	STS 302	G 4304	SUS 302
	Type 304	D 3705	STS 304	G 4304	SUS 304
	Type 304L	D 3705	STS 304L	G 4304	SUS 304L
	Type 309S	D 3705	STS 309S	G 4304	SUS 309S
	Type 310S	D 3705	STS 310S	G 4304	SUS 310S
	Type 316	D 3705	STS 316	G 4304	SUS 316
	Type 316L	D 3705	STS 316L	G 4304	SUS 316L
	Type 321	D 3705	STS 321	G 4304	SUS 321
	Type 347	D 3705	STS 347	G 4304	SUS 347
	Type 405	D 3705	STS 405	G 4304	SUS 405

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				NUMBER	
	Type 410	D 3705	STS 410	G 4304	SUS 410
	Type 429	D 3705	STS 429	G 4304	SUS 429
	Type 430	D 3705	STS 430	G 4304	SUS 430
SA-249	Gr. TP304	D 3572	STS 304 TB-AC	G 3463	SUS 304 TB-AC
	Gr. TP304H	D 3572	STS 304 HTB-AC	G 3463	SUS 304 HTB-AC
	Gr. TP304L	D 3572	STS 304 LTB-AC	G 3463	SUS 304 LTB-AC
	Gr. TP316	D 3572	STS 316 TB-AC	G 3463	SUS 316 TB-AC
	Gr. TP316H	D 3572	STS 316 HTB-AC	G 3463	SUS 316 HTB-AC
	Gr. TP316L	D 3577	STS 316 LTB-AC	G 3463	SUS 316 LTB-AC
	Gr. TP321	D 3577	STS 321 TB -AC	G 3463	SUS 316 TB-AC
	Gr. TP347	D 3577	STS 347 TB -AC	G 3463	SUS 347 TB-AC
SA-263				HPISB-104	
SA-264				HPISB-104	
SA-266	Gl. 1	D 3515	SWS 41A	G 3106	SM 41 A
	Gl. 2	D 3515	SWS 41B	G 3106	SM 41 B
SA-268	Gr. TP329	D 3577	STS329J1TB	G 3463	SUS329J1TB
	Gr. TP410	D 3577	STS410TB	G 3463	SUS410TB
	Gr. TP430	D 3577	STS430TB	G 3463	SUS430TB
SA-269	Gr. TP304	D 3577	STS 304TB	G 3463	SUS304TB
	Gr. TP304L	D 3577	STS 304LTB	G 3463	SUS304LTB
	Gr. TP316	D 3577	STS 316TB	G 3463	SUS316TB
	Gr. TP316L	D 3577	STS 316LTB	G 3463	SUS316LTB
	Gr. TP321	D 3577	STS 321TB	G 3463	SUS321TB
	Gr. TP347	D 3577	STS 347TB	G 3463	SUS347TB
	Cl. NO. 20	D 4301	GC 15	G 5501	FC 15

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				NUMBER	
SA-278	Cl. NO. 30	D 4301	GC 15	G 5501	FC 20
	Cl. NO. 35	D 4301	GC 15	G 5501	FC 25
	Cl. NO. 40	D 4301	GC 15	G 5501	FC 30
SA-283	Gr. C	D 3503	SB 41	G 3101	SS 41
	Gr. D	D 3503	SB 41	G 3101	SS 41
SA-285	Gr. B	D 3560	SBB 35	G 3103	SB 35
	Gr. C	D 3560	SBB 42	G 3103	SB 42
SA-296	Gr. CA-15	D 4103	SSC1.SSC1-CF	G 5121	SCS1 SCS1-CF
	Gr. CA-40	D 4103	SSC1.SSC1-CF	G 5121	SCS1 SCS1-CF
		D 4103	SSC2.SSC2-CF	G 5121	SCS2 SCS2-CF
	Gr. CF-3	D 4103	SSC19.SSC19-CF	G 5121	SCS19 SCS19-CF
	Gr. CF-3M	D 4103	SSC16.SSC16-CF	G 5121	SCS16 SCS16-CF
	Gr. CF-8	D 4103	SSC13.SSC13-CF	G 5121	SCS13 SCS13-CF
	Gr. CF-8C	D 4103	SSC21.SSC21-CF	G 5121	SCS21 SCS21-CF
	Gr. CF-8M	D 4103	SSC14.SSC14-CF	G 5121	SCS14 SCS14-CF
	Gr. CF-20	D 4103	SSC12.SSC12-CF	G 5121	SCS12 SCS12-CF
	Gr. CH-20	D 4103	SSC17.SSC17-CF	G 5121	SCS17 SCS17-CF
	Gr. CK-20	D 4103	SSC18.SSC18-CF	G 5121	SCS18 SCS18-CF
Gr. CN-7M	D 4103	SSC23.SSC23-CF	G 5121	SCS23 SCS23-CF	
SA-297	Gr. HC	D 4105	HRSC2,-CF	G 5122	SCH 2,-CF
	Gr. HD	D 4105	HRSC11,-CF	G 5122	SCH 11,-CF
	Gr. HE	D 4105	HRSC17,-CF	G 5122	SCH 17,-CF
	Gr. HF	D 4105	HRSC12,-CF	G 5122	SCH 12,-CF
	Gr. HH	D 4105	HRSC13,-CF	G 5122	SCH 13,-CF
	Gr. HI	D 4105	HRSC18,-CF	G 5122	SCH 18,-CF
	Gr. HK	D 4105	HRSC21,-CF	G 5122	SCH 21,-CF
		D 4105	HRSC22,-CF	G 5122	SCH 22,-CF
	Gr. HN	D 4105	HRSC19,-CF	G 5122	SCH 19,-CF
	Gr. HT	D 4105	HRSC15,-CF	G 5122	SCH 15,-CF
Gr. HU	D 4105	HRSC20,-CF	G 5122	SCH 20,-CF	
SA-299		D 3521	SPPV 36	G 3115	SPV 36

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SPEC.	GRADE	ST'D NUMBER	SYMBOL	ST'D	SYMBOL
				NUMBER	
SA-302	Gr. A	D 3538	SBV 1A	G 3119	SBV 1A
	Gr. B	D 3538	SBV 1B	G 3119	SBV 1B
	Gr. C	D 3538	SBV 2	G 3119	SBV 2
	Gr. D	D 3538	SBV 2	G 3119	SBV 2
SA-307	Gr. B	D 3503	SM 42	G 3101	SS 41
		D 3752	SM 25C	G 4051	S25C
SA-312	Gr. TP 304	D 3576	STS 304TP	G 3459	SUS 304TP
	Gr. TP 304H	D 3576	STS 304HTP	G 3459	SUS 304HTP
	Gr. TP 304L	D 3576	STS 304LTP	G 3459	SUS 304LTP
	Gr. TP 309	D 3576	STS 309TP	G 3459	SUS 309TP
	Gr. TP 310	D 3576	STS 310STP	G 3459	SUS 310STP
	Gr. TP 316	D 3576	STS 310STP	G 3459	SUS 316TP
	Gr. TP 316H	D 3576	STS 316TP	G 3459	SUS 316HTP
	Gr. TP 316L	D 3576	STS 316HTP	G 3459	SUS 316LTP
	Gr. TP 321	D 3576	STS 321TP	G 3459	SUS 321TP
	Gr. TP 321H	D 3576	STS 321HTP	G 3459	SUS 321HTP
	Gr. TP 347	D 3576	STS 347TP	G 3459	SUS 347TP
	Gr. TP 347H	D 3576	STS 347HTP	G 3459	SUS 347HTP
SA-320	Gr. B8	D 3706	STS 304B	G 4303	SUS 304B
	Gr. B8C	D 3706	STS 347B	G 4303	SUS 347B
	Gr. B8M	D 3706	STS 316B	G 4303	SUS 316B

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				NUMBER	
	Gr. B8T	D 3706	STS 321B	G 4303	SUS 321B
SA-325	Type 1	D 3752	SM 35C	G 4051	S 35 C
SA-333	Gr. 1	D 3569	SPLT39,-S,-E	G 3460	SPLT39-S,-E
	Gr. 3	D 3569	SPLT46	G 3460	SPLT46
	Gr. 6	D 3569	SPLT39-2,-E	G 3460	SPLT39-2,-E
SA-334	Gr. 1	D 3571	STLT39,-S,-E	G 3464	STBL39-S,-E
	Gr. 3	D 3571	STLT49SC,SH	G 3464	STBL46-SC,-SH
	Gr. 6	D 3571	STLT39-S	G 3464	STBL39-S
SA-335	Gr. P1	D 3573	SPA 23	G 3458	STPA 12
	Gr. P5	D 3573	SPA 23	G 3458	STPA 25
	Gr. P9	D 3573	SPA 23	G 3458	STPA 26
	Gr. P11	D 3573	SPA 23	G 3458	STPA 23
	Gr. P12	D 3573	SPA 23	G 3458	STPA 22
	Gr. P22	D 3573	SPA 23	G 3458	STPA 24
SA-336	Cr. CIF8	D 3214	STSF 304	G 3214	SUSF 304
	Cr. CIF25	D 3214	STSF 310	G 3214	SUSF 310
	Cr. CIF8M	D 3214	STSF 316	G 3214	SUSF 316
	Cr. CIF8T	D 3214	STSF 321	G 3214	SUSF 321
	Cr. CIF8C	D 3214	STSF 347	G 3214	SUSF 347
SA-351	Gr. CF3	D 4103	SSC 19,-CF	G 5121	SCS 19,-CF
	Gr. CF3M	D 4103	SSC 15, -CF	G 5121	SCS 16,-CF
	Gr. CF8	D 4103	SSC 13, -CF	G 5121	SCS 13,-CF
	Gr. CF8C	D 4103	SSC 21, -CF	G 5121	SCS 21,-CF
	Gr. 12Cl.2	-	-	G 4109	SCMV2NT
	Gr. 21Cl.1	-	-	G 4109	SCMV5A

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				NUMBER	
SA-351	Gr. 21Cl.1	-	-	G 4109	SCMV5A
	Gr. 21Cl.2	-	-	G 4109	SCMV5NT
	Gr. 22Cl.1	-	-	G 4109	SCMV4A
	Gr. 22Cl.2	-	-	G 4109	SCMV4NT
SA-395		D 4302	DC 42	G 5502	FCD 40
		D 4302	DC 50	G 5502	FCD 45
SA-403					
SA-426	Gr. CP 1	D 4112	SCPH 11-CF	G 5202	SCPH 11-CF
	Gr. CP12	D 4112	SCPH 21-CF	G 5202	SCPH 21-CF
	Gr. CP22	D 4112	SCPH 32-CF	G 5202	SCPH 32-CF
	Gr. CPCA15	D 4103	SSC 1 SSC 1-CF	G 5121	SCS-1 SCS1-CF
SA-430	Gr. FP304	D 3576	STS 304-TP	G 3459	SUS 304 TP-SC,-SH
	Gr. FP304H	D 3576	STS 304-HTP	G 3459	SUS 304HTP
	Gr. FP316	D 3576	STS 316-TP	G 3459	SUS 316TP
	Gr. FP316H	D 3576	STS 316-HTP	G 3459	SUS 316HTP
	Gr. FP321	D 3576	STS 321-TP	G 3459	SUS 321TP
	Gr. FP321H	D 3576	STS 321-HTP	G 3459	SUS 321HTP
	Gr. FP347	D 3576	STS 347-TP	G 3459	SUS 347TP
SA-447	Type II	-	-	G 5122	SCH 13
SA-451	Gr. CPF8	D 4103	SSC 13, -CF	G 5121	SCS 13,-CF
	Gr. CPF8M	D 4103	SSC 14, -CF	G 5121	SCS 14,-CF
	Gr. CPH20	D 4103	SSC 17, -CF	G 5121	SCS 17,-CF
	Gr. CPK20	D 4103	SSC 18, -CF	G 5121	SCS 18,-CF

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				NUMBER	
	Gr. CPF8C	D 4103	SSC 21, -CF	G 5121	SCS 21,-CF
SA-508	Cl. 1	D 4113	SFVV 1	G 3212	SFVV 1
	Cl. 2	D 4113	SFVV 2	G 3212	SFVV 2
	Cl. 3	D 4113	SFVV 3	G 3212	SFVV 3
SA-515	Cl. 1	D 4113	SFVV 1	G 3212	SFVV 1
	Cl. 2	D 4113	SFVV 2	G 3212	SFVV 2
	Cl. 3	D 4113	SFVV 3	G 3212	SFVV 3
SA-516	Cl. 1	D 4113	SFVV 1	G 3212	SFVV 1
	Cl. 2	D 4113	SFVV 2	G 3212	SFVV 2
	Cl. 3	D 4113	SFVV 3	G 3212	SFVV 3
SA-20 S(5)	Cr60+SA-20S(5-)	D 3541	SLAI24A	G 3126	SLA 24A
		D 3541	SLAI24B	G 3126	SLA 24B
	Cr70+SA-20S(5-)	D 3541	SLAI33A	G 3126	SLA 33A
		D 3541	SLAI33B	G 3126	SLA 33B
SA-524	Gr. I	D 3562	SPPS38-S	G 3454	STPG38-S
		D 3564	SPPH38	G 3455	STS38
	Gr. II	D 3562	SPPS42-S	G 3454	STPG42-S
		D 3564	SPPH42	G 3455	STS42
SA-533	Gr. ACI. 1	D 3539	SQV 1 A	G 3120	SQV 1 A
	Gr. ACI. 2	D 3539	SQV 1 B	G 3120	SQV 1 B
	Gr. BCI. 2	D 3539	SQV 2 A	G 3120	SQV 2 A
	Gr. CCI. 1	D 3539	SQV 2 B	G 3120	SQV 2 B
		D 3539	SQV 3 A	G 3120	SQV 3 A
	Gr. CCI. 2	D 3539	SQV 3 B	G 3120	SQV 3 B
SA-536	Gr. 60-40-18	D 4302	DC 42	G 5502	FCD 40
	Gr. 65-45-12	D 4302	DC 50	G 5502	FCD 50
SA-537	Cl. 1	D 3521	SPPV32	G 3115	SPV32
		D 3521	SPPV36	G 3115	SPV36
	Cl. 2	D 3521	SPPV46	G 3115	SPV46

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				NUMBER	
		D 3521	SPPV50	G 3115	SPV50
SA-537	Gr. 1+SA20.S(5)	D 3541	SLAI 33B	G 3126	SLAI 33B
	SA20.S(5)	-	-	WES136	LT-33
		D 3541	SLAI 37	G 3126	SLA37
	Gr. 2+SA20.S(5)	-	-	WES136	LT46
		-	-	WES136	LT50
SA-540	Gr. B21. Cl. 1	D 3723	SNB21-1	G 4108	SNB21-1
	Gr. B21. Cl. 2	D 3723	SNB21-2	G 4108	SNB21-2
	Gr. B21. Cl. 3	D 3723	SNB21-3	G 4108	SNB21-3
	Gr. B21. Cl. 4	D 3723	SNB21-4	G 4108	SNB21-4
	Gr. B21. Cl. 5	D 3723	SNB21-5	G 4108	SNB21-5
	Gr. B22. Cl. 1	D 3723	SNB22-1	G 4108	SNB22-1
	Gr. B22. Cl. 2	D 3723	SNB22-2	G 4108	SNB22-2
	Gr. B22. Cl. 3	D 3723	SNB22-3	G 4108	SNB22-3
	Gr. B22. Cl. 4	D 3723	SNB22-4	G 4108	SNB22-4
	Gr. B22. Cl. 5	D 3723	SNB22-5	G 4108	SNB22-5
	Gr. B23. Cl. 1	D 3723	SNB23-1	G 4108	SNB23-1
	Gr. B23. Cl. 2	D 3723	SNB23-2	G 4108	SNB23-2
	Gr. B23. Cl. 3	D 3723	SNB23-3	G 4108	SNB23-3
	Gr. B23. Cl. 4	D 3723	SNB23-4	G 4108	SNB23-4
	Gr. B23. Cl. 5	D 3723	SNB23-5	G 4108	SNB23-5
	Gr. B24. Cl. 1	D 3723	SNB24-1	G 4108	SNB24-1
	Gr. B24. Cl. 2	D 3723	SNB24-2	G 4108	SNB24-2
	Gr. B24. Cl. 3	D 3723	SNB24-3	G 4108	SNB24-3
	Gr. B24. Cl. 4	D 3723	SNB24-4	G 4108	SNB24-4
	Gr. B24. Cl. 5	D 3723	SNB24-5	G 4108	SNB24-5
SA-541	Cl. 1	D 4109	SFV 1	G 3211	SFV 1
	Cl. 2	D 4109	SFV 2	G 3211	SFV 2
	Cl. 3	D 4109	SFV 3	G 3211	SFV 3
SA-556	Gr. A2	D 3563	STH 35	G 3461	STB35-SC
	Gr. B2	D 3563	STH42-SC	G 3461	STB42-SC

ASME(ASTM)		KS		JIS	
SPEC.	GRADE	ST'D NUMBER	SYMBOL	ST'D	SYMBOL
				NUMBER	
SA-557	Gr. A2	D 3563	STH 35-EC	G 3461	STB35-EC
	Gr. B2	D 3563	STH 42-EC	G 3461	STB42-EC
A-608	Gr. HC. 30	D 4105	HRSC 2,-CF	G 5121	SCH2,-CF
	Gr. HD. 50	D 4105	HRSC 11,-CF	G 5121	SCH11,-CF
	Gr. HE. 35	D 4105	HRSC 17,-CF	G 5121	SCH17,-CF
	Gr. HF. 30	D 4105	HRSC 12,-CF	G 5121	SCH12,-CF
	Gr. HH. 30	D 4105	HRSC 13,-CF	G 5121	SCH13,-CF
	Gr. HH. 33	D 4105	HRSC 13,-CF	G 5121	SCH13,-CF
	Gr. HI. 35	D 4105	HRSC 18,-CF	G 5121	SCH18,-CF
	Gr. HK. 30	D 4105	HRSC 21,-CF	G 5121	SCH21,-CF
	Gr. HK. 40	D 4105	HRSC 22,-CF	G 5121	SCH22,-CF
	Gr. HN. 40	D 4105	HRSC 19,-CF	G 5121	SCH19,-CF
	Gr. HT. 50	D 4105	HRSC 15,-CF	G 5121	SCH15,-CF
	Gr. HU. 50	D 4105	HRSC 20,-CF	G 5121	SCH20,-CF
SA-662	Gr. A	D 3521	SPPV24	G 3115	SPV24
	Gr. B	D 3521	SPPV32	G 3115	SPV32
	Gr. A+SA20S(5)	D 3541	SLAI24B	G 3116	SLA24B
SA-675	Gr. 70	D 3752	SM 25C	G 4051	S25C
	630	D 4103	SSC24-CF	G 5121	SCS24,-CF
	1010	D 3752	SM 10C	G 4051	S10C
		D 3752	SM 9 CK	G 4051	S9CK
	1012	D 3752	SM 12C	G 4051	S12C
	1015	D 3752	SM 15C	G 4051	S15C
		D 3752	SM 15CK	G 4051	S15CK
	1017	D 3752	SM 17C	G 4051	S17C
	1020	D 3752	SM 20C	G 4051	S20C
		D 3752	SM 20CK	G 4051	S20CK
	1023	D 3752	SM 22C	G 4051	S22C
	1025	D 3752	SM 25C	G 4051	S25C
	1029	D 3752	SM 28C	G 4051	S28C
	1030	D 3752	SM 30C	G 4051	S30C

ASME(ASTM)		KS		JIS	
SPEC.	GRADE	ST'D NUMBER	SYMBOL	ST'D	SYMBOL
				NUMBER	
ANSI		D 3752	SM 33C	G 4051	S33C
	1035. 1037	D 3752	SM 35C	G 4051	S35C
	1038	D 3752	SM 38C	G 4051	S38C
	1039. 1040	D 3752	SM 40C	G 4051	S40C
	1042	D 3752	SM 43C	G 4051	S43C
	1043	D 3752	SM 43C	G 4051	S43C
	1045. 1046	D 3752	SM 45C	G 4051	S45C
	1045. 1046.	D 3752	SM 48C	G 4051	S48C
	1049				
	1050. 1053	D 3752	SM 50C	G 4051	S50C
	1055	D 3752	SM 53C	G 4051	S53C
	1055	D 3752	SM 55C	G 4051	S55C
	1055. 1060	D 3752	SM 58C	G 4051	S58C
	1109	D 3711		G 4804	SUM 11
	1110	D 3711		G 4804	SUM 21
	1116	D 3711		G 4804	SUM 22
	1117	D 3711		G 4804	SUM 31
	1137	D 3711		G 4804	SUM 41
	12L14	D 3711		G 4804	SUM 24L
	1141	D 3711		G 4804	SUM 42
	1144	D 3711		G 4804	SUM 43
	1212	D 3711		G 4804	SUM 21
	1213	D 3711		G 4804	SUM 22
		D 3711	SCM 1	G 4105	SCM 432
	4130	D 3711	SCM 2	G 4105	SCM 430
	4135	D 3711	SCM 3	G 4105	SCM 435
	4140	D 3711	SCM 4	G 4105	SCM 440
	4145	D 3711	SCM 5	G 4105	SCM 445
		D 3711	SCM 21	G 4105	SCM 415
		D 3711	SCM 22	G 4105	SCM 420
		D 3711	SCM 23	G 4105	SCM 421
		D 3711	SCM 24	G 4105	SCM 822
	4315	D 3709	SNCM 22	G 4103	SNCM 415
	4315	D 3709	SNCM 23	G 4103	SNCM 420
	4337	D 3709	SNCM 1	G 4103	SNCM 431

ASME(ASTM)		KS		JIS	
SPEC.	GRADE	ST'D NUMBER	SYMBOL	ST'D	SYMBOL
				NUMBER	
	4340	D 3709	SNCM 8	G 4103	SNCM 439
	4347	D 3709	SNCM 9	G 4103	SNCM 447
	5115	D 3707	SCr 2	G 4104	SCr415
	5120	D 3707	SCr 22	G 4104	SCr420
	5130	D 3707	SCr 2	G 4104	SCr430
	5135	D 3707	SCr 3	G 4104	SCr435
	5140	D 3707	SCr 4	G 4104	SCr440
	5145	D 3707	SCr 5	G 4104	SCr445
	8620	D 3709	SNCM 21	G 4103	SNCM 220
	8640	D 3709	SNCM 6	G 4103	SNCM 240
	8645	D 3709	SNCM 7	G 4103	SNCM(7)
SB-16	C 36000	D 5503	MBsBOIS	H 3250	C3601B
			MBsBEIS		
		D 5503	MBsBDI	H 3250	C3602B
			MBsBEI		
		D 5503	MBsBO2S	H 3250	C3603B
			MBsBE2S		
	D 5503	MBsBD2	H 3250	C3604B	
		MBsBE2			
SB-21	C 46200	D 5524	NBsBE1	H 3250	C 4622B
			NBsBD1		
	C 46400	D 5524	NBsBD2	H 3250	C 4641B
			NBsBE2		
C 21000	-	-	H 3100	C 2100P	
	-	-	H 3100	C 2100R	
C 22000	-	-	H 3100	C 2200P	
	-	-	H 3100	C 2200P	
C 23000	-	-	H 3100	C 2300P	
	-	-	G 5121	SCH13,-CF	
C 24000	-	-	G 5121	SCH18,-CF	

ASME(ASTM)		KS		JIS	
SPEC.	GRADE	ST'D NUMBER	SYMBOL	ST'D	SYMBOL
				NUMBER	
SB-36		-	-	G 5121	SCH21,-CF
	C 26000	-	-	G 5121	SCH22,-CF
		-	-	G 5121	SCH19,-CF
	C 26800	-	-	G 5121	SCH15,-CF
		-	-		
	C 27200	D 5505	BsT2B		
			D 5505	BsT2B	G 5121
SB-61	905	D 6002	BrC1,2,3,4,5	H 5111	BC1,2,3,4,5
				H 5111	BC 6,7
	922	D 6002	BrC1,2,3,4,5	H 5111	BC 1,2,3,4,5
				H 5111	BC 6,7
SB-75	C 10200	D 5566	OFCuP	H 3300	C 1020T
	C 12000	D 5522	DCuPIAS	H 3300	C 1201T
	C 12200	D 5522	DCuPIBS	H 3300	C 1220T
SB-103	C 51000	D 5506	PBS1	H 3110	C 5101P
			PBT1		
		D 5506	PBS1	H 3110	C 5101R
			PBT1		
	C 52100	D 5506	PBS3	H 3110	C 5212P
			PBT3		
	D 5506	PBS3	H 3110	C 5212R	
		PBT3			
C 44300	D 5537	BsPF1	H 3300	C 4430T	
C 68700	D 5537	BsPF2	H 3300	C 6871T	

ASME(ASTM)		KS		JIS	
SPEC.	GRADE	ST'D NUMBER	SYMBOL	ST'D	SYMBOL
				NUMBER	
SB-111	C 68700	D 5557	BS12	H 3300	C 68711
	C 70600	-	-	H 3300	C 7060T
	C 71000	-	-	H 3300	C 7100T
	C 71500	-	-	H 3300	C 7150T
SB-121	C 35600	D 5552	PbBsS2A	H 3100	C 3560P
		D 5514	PbBsR2A	H 3100	C 3560R
		D 5552	PbBsS2B	H 3100	C 3561P
		D 5514	PbBsR2B	H 3100	C 3561R
SB-122	C 73500	D 6707	NST 1	H 3110	C 7351P
		D 6707	NSP 1-½H	H 3110	C 7351R
	C 74500	D 6707	NSP 4	H 3110	C 7451P
		D 6707	NSP 4-½H	H 3110	C 7451R
	C 75200	D 6707	NSP 2	H 3110	C 7521P
		D 6707	NSP 2-½H	H 3110	C 7521R
	C 77000	D 6707	NSSS	H 3130	C 7701P
			NSST		
	D 6707	NSSSS		C 7701R	
		NSSTS			
SB-124	C 37700	D 5507	FBsBD2	H 3250	C3771B
			FBsBE2		
	C 21000	D 5535	RBsW 1	H 3260	C 2100W
	C 22000	D 5535	RBsW 2	H 3260	C 2200W
	C 23000	D 5535	RBsW 3	H 3260	C 2300W

ASME(ASTM)		KS		JIS	
SPEC.	GRADE	ST'D NUMBER	SYMBOL	ST'D	SYMBOL
				NUMBER	
SB-134	C 23000	D 5535	RBsW 3	H 3260	C 2300W
	C 24000	D 5535	RBsW 4	H 3260	C 2400W
	C 26000	D 5554	BsW 1	H 3260	C 2600W
	C 27000	D 5554	BsW 2	H 3200	C 2700W
SB-135	C 28000	D 5505	BsS3	H 3100	C 2801P
		D 5513	BsT3	H 3100	C 2801R
	C 22000	D 5525	RBsP2	H 3300	C 2200T
			RBsP2S		
	C 23000	D 5525	RBsP3	H 3300	C 2300T
			RBsP3S		
	C 26000	D 5510	BsST1S	H 3300	C 2600T
	C 27000	D 5510	BsST2S	H 3300	C 2700T
C 28000	D 5510	BsST3S	H 3300	C 2800T	
SB-139	C 51000	D 5516	PBR1	H 3270	C 5101B
	C 52100	D 5516	PBR3	H 3270	C 5212B
	C 54300	-	-	H 3270	C 5341B
	C 54400	-	-	H 3270	C 5441B
SB-151	C 75200	D 6708	NSB 1	H 3270	C 7521B
	C 77000	D 6708	NSB 3	H 3270	C 7701B
	C 79400	-	-	H 3270	C 7941B
	C 10200	D 5561	OFCuS	H 3110	C 1020P
		D 5562	OFCuT	H 3110	C 1020P

ASME(ASTM)		KS		JIS	
SPEC.	GRADE	ST'D NUMBER	SYMBOL	ST'D	SYMBOL
				NUMBER	
SB-152		D 5502	Of Cu1	H 3110	C 1020R
	C 10100	D 5504	TCuS1	H 3110	C 1100P
		D 5517	CuT1	H 3110	C 1100R
		D 5511	CuSP1	H 3110	C 1100PP
	C 12000	D 5523	DCuS1A	H 3110	C 1201P
		-	-	H 3110	C 1201R
	C 12200	D 5523	DCuS1B	H 3110	C 1220P
		-	-	H 3110	C 1220R
		D 5523	DCuS2	H 3110	C 1221P
		-	-	H 3110	C 1221R
		D 5511	CuSP2	H 3110	C 1221PP
SB-159	C 51000	D 5518	PBW 1	H 3270	C 5101W
	C 52100	D 5518	PBW 3	H 3270	C 5212W
SB-167	PIPE	D 3758	NCF 1TP	G 4903	NCFI TP
	TUBE	D 3757	NCF 1TB	G 4904	NCFI TB
SB-168		D 3532	NCF 1 P	G 4902	NCFI P (INCONEL600)
SB-171	C 46400	D 5528	NBsS 2	H 3100	C 4640P
	C 43000	D 5536	ABS 5	H 3100	C 6310P
	C 70600	D 5526	NCuS 1	H 3100	C 7060P
	C 71500	D 5526	NCuS 3	H 3100	C 7150P
	C 10200	D 5568	OFCuBD	H 3250	C 1020B

ASME(ASTM)		KS		JIS	
SPEC.	GRADE	ST'D NUMBER	SYMBOL	ST'D	SYMBOL
				NUMBER	
SB-187	C 11000	D 5502	TCuBD1	H 3250	C 1100B
	C 12000	-	-	H 3250	C 1201B
SB-188	C 11000	D 5501	TCuP1	H 3300	C1100T
SB-194	C 17000	D 5532	BeCuS1	H 3130	C 1700P
		D 5532	BeCuT1	H 3130	C 1700R
	C 17200	D 5532	BeCuS2	H 3130	C 1720P
		D 5532	BeCuT2	H 3130	C 1720R
SB-196	C 17200	D 5533	BeCuB2	H 3270	C1720B
SB-197	C 17200	D 5534	BeCuW 2	H 3270	C1720W
SB-206	C 75200	D 5555	NSW 3	H 3270	C 7521W
	C 77000	D 5555	NSW 1	H 3270	C 7701W
B-209	1100	D 6701	A1100SRC	H 4000	A 1100P
	2014	D 6701	A2014S	H 4000	A 2014P
	Alclad 2014	D 6701	A2014SL	H 4000	A 2014PC
	2024	D 6701	A2024S	H 4000	A 2024P
	Alcad 2024	D 6701	A2024SL	H 4000	A 2024PC
	3003	D 6701	A3003SRC	H 4000	A 3003P
	3004	-	-	H 4000	A 3004P
	3005	-	-	H 4000	A 3005P
	5005	D 6701	A5005SRC	H 4000	A 5005P
	5052	D 6701	A5052SRC	H 4000	A 5052P
	5652	-	-	H 4000	A 5652P
	5154	D 6701	A5154S	H 4000	A 5154P
	5254	-	-	H 4000	A 5254P

ASME(ASTM)		KS		JIS	
SPEC.	GRADE	ST'D NUMBER	SYMBOL	ST'D	SYMBOL
				NUMBER	
	5454	-	-	H 4000	A 5054P
	5083	D 6701	A5083SR	H 4000	A 5083P
	5085	-	-	H 4000	A 5086P
	6061	D 6701	A6061S	H 4000	A 6061P
	7075	D 6701	A7075S	H 4000	A 7075P
	Alclad 7075	D 6701	A7075SL	H 4000	A 7075PC
B-210	1100	D 6760	A1100 O	H 4080	A 1100TD
	2024	D 6760	A2024 O	H 4080	A 2024TD
	3003	D 6760	A3003 O	H 4080	
	5052	D 6760	A5052 O	H 4080	
	5154	D 6760	A5154 O	H 4080	
	5083	D 6760	A5083 O	H 4080	
	6061	D 6760	A6061 O	H 4080	
	6063	D 6760	A6063 O	H 4080	
	7075	D 6760	A7075 O	H 4080	
SB-221	1100	D 6763	A1100 BE,BD	H 4040	A1100BE
			W.		
	2014	D 6763	A2014	H 4040	A2014BE
	2024	D 6763	A2024	H 4040	A2024BE
	3003	D 6763	A3003	H 4040	A3003BE
	5052	D 6763	A5052	H 4040	A5052BE
	5083	D 6763	A5083	H 4040	A5083BE
	6061	D 6763	A5051	H 4040	A6061BE
	6063	D 6763	A6063	H 4040	A6063BE
	7075	D 6763	A7075	H 4040	A7075BE
	1100	D 6761	A1100PE	H 4080	A1100TE
			D		
	2014	D 6761	A2014PE	H 4080	A2014TE
	2024	D 6761	A2024PE	H 4080	A2024TE
			D		
	3003	D 6761	A3003PE	H 4080	A3003TE
			D		
5052	D 6761	A5052PE	H 4080	A5052TE	
		D			
5154	D 6761	A5154PE	H 4080	A5154TE	

ASME(ASTM)		KS		JIS	
SPEC.	GRADE	ST'D NUMBER	SYMBOL	ST'D	SYMBOL
				NUMBER	
	5454	-	D - E D	H 4080	A5454TE
	5083	D 6761	A5083PE D	H 4080	A5083TE
	6061	D 6761	A6061PE D	H 4080	A6061TE
	6063	D 6761	A6063PE D	H 4080	A6063TE
	7075	D 6761	A7075PE D	H 4080	A7075TE
	1100	D 6759	A1100S	H 4100	A 1110S
	2014	D 6759	A2014S	H 4100	A 2014S
B-221	2024	D 6759	A2024S	H 4100	A 2024S
	3003	D 6759	A3003S	H 4100	A 3003S
	5052	D 6759	A5052S	H 4100	A 5052S
	5454	-	-	H 4100	A 5454S
	5083	D 6759	A5083S	H 4100	A 5083S
	6061	D 6759	A6061S	H 4100	A 6061S
	6063	D 6759	A6063S	H 4100	A 6063S
	7075	D 6759	A7075S	H 4100	A 7075S
	B-247	1100	D 6770	A1100FD	H 4140
2014		D 6770	A2014FD	H 4140	A 2014FD
		D 6770	A2014FH	H 4140	A 2014FH
2618		D 6770	A2618FD	H 4140	A 2N01FD
		D 6770	A2618FH	H 4140	A 2N01FH
4032		D 6770	A4032FD	H 4140	A 4032FD
5083		D 6770	A5083FD	H 4140	A 5083FD
		D 6770	A5083FH	H 4140	A 5083FH
6061		D 6770	A6061FD	H 4140	A 6061FD
		D 6770	A6061FH	H 4140	A 6061FH
7075		D 6770	A7075FD	H 4140	A 7075FD
	D 6770	A7075FH	H 4140	A 7075FH	
B-265		D 8000	TiP 28H, C	H 4800	TP28
		D 6000	TiP 35H, C	H 4600	TP35

ASME(ASTM)		KS		JIS	
SPEC.	GRADE	ST'D NUMBER	SYMBOL	ST'D	SYMBOL
				NUMBER	
		D 6000	TiP 49H, C	H 4600	TP49
B-313	1100	D 6713	A1100TW	H 4090	A 1100TW
	3003	D 6713	A3003TW	H 4090	A 3003TW
	5052	D 6713	A5052TW	H 4090	A 5052TW
B-337	Gr. 1	-	-	H 4630	TTP 28
	Gr. 2	-	-	H 4630	TTP 35
	Gr. 3	-	-	H 4630	TTP 49
SB-338	Gr. 1	-	-	H 4631	TTH 28
	Gr. 2	-	-	H 4631	TTH 35
	Gr. 3	-	-	H 4631	TTH 49
SB-348	Gr. 1	D 5604	TiB28H,C	H 4650	TB 28
	Gr. 2	D 5604	TiB35H,C	H 4650	TB 35
	Gr. 3	D 5604	TiB49H,C	H 4650	TB 49
SB-381	Gr. F 1	D 5604	TiB28H, C	H 4650	TB 28
	Gr. F 2	D 5604	TiB35H, C	H 4650	TB 35
	Gr. F 3	D 5604	TiB49H, C	H 4650	TB 49
SB-407	(PIPE)	D 3758	NCF2 TP	G 4903	NCF 2TP
	(TUBE)	D 3757	NCF2 TB	G 4904	NCF 2TB
SB-409		D 3532	NCF 2P	G 4902 (INCONEL 800)	NCF 2P

DIN



DIN 1681 GS-38

DIN 1681 GS-45

DIN 1681 GS-52

DIN 1692 GTS-35

DIN 1692 GTS-45

DIN 1691 GG-15

DIN 1691 GG-20

DIN 1691 GG-25

DIN 1691 GG-30

DIN 1629 St 35

DIN 1629 St 45

DIN 1629 St 37

DIN 1629 St 37-2

DIN 1629 St 35.4

DIN 17175 St 35.8

DIN 1629 St 45.4

DIN 17175 St 45.8

DIN 1629 St 52.4

SEW 610-17Mn4

SEW 610-19Mn5

DIN 17175 St.45.8

SEW 610-17Mn4

SEW 610-19Mn5

DIN 1626 St 33

DIN 1691 GG-15

DIN 1691 GG-20

DIN 1691 GG-30

DIN 1691 GG-30

DIN



DIN 17100 USt 37-2

DIN 17100 USt 37-3

DIN 17100 USt 42-3

DIN 17135 ASt 41

DIN 1626 St 33

DN 1626 St 33

DIN 2393 St 42-2.2NBK

DIN 2391 St 35 GBK

DIN 17100R St 42-2

DIN 17100R St 46-2

DIN 17200 C 22 N

SEW 550 20Mn5

SEW 550 22Mo4

SEW 620 15Mo3

SEW 620 12CrMo44

SEW 620 13CrMo44

VaTÜVWb1.1207-12CrMo19

Wat-Nr1.7388-12CrMo91

SEW 810-12CrMo44

SEW 810-13CrMo44

SEW 810-12CrMo44

SEW 810-13CrMo44

SEW 810-10CrMo910

SEW 880-5CrMo1810

SEW 17440-2CrMo1812

DIN 17440-2CrNi189

DIN 17440-5CrNiMo1810

DIN 17440-5CrNiMo1812

DIN 17440-2CrNiMo1810

DIN 17440-2CrNiMo1812

DIN 17440-10CrNiMo189

DIN



SEW 680-10CrNiMo1810

DIN 17740-10CrNiMo 189

SEW 680-10CrNiMo1810

SEW 870-8CrNiMo1518

DIN 2391 St 85.2 GBK

DIN 1628 St 35.4

DIN 17175 St 35.6

DIN 1629 St 85

DIN 17240-24CrMo5

DIN 17240-21CrMoV55

DIN 17100 St 50-2

-

DIN 17240-24 CrMo5

Wst-Nr.1.7362-12CrMo195

Wst-Nr.1.7385-12CrMo91

DIN 17175-13 CrMo44

DIN 17175-10 CrMo910

DIN 17155 15Mo3

VaTÜV . Wb1.201-16Mo5

DIN 17175 15Mo3

Wst. Nr.1. 5423-16Mo5

DIN 2391 St 45.2 GBK

DIN 1629 St 45.4

DIN 17175 St 45.8

SEW 550 22Mo4

SEW 620 15Mo3

Wst.-Nr1.7352-12CrMo195

DIN



DIN 17175 13CrMo44

DIN 17175 13CrMo44

DIN 17175 10CrMo9 10

DIN 2464 5 CrNi 189

SEW 680 5 CrNi 1810

DIN 2462 5CrNi 189

DIN 2464 2CrNi 189

DIN 2462 2CrNi 189

DIN 2464 5CrNiMo 1810

DIN 2464 5CrNiMo 1812

DIN 2462 5CrNiMo 1810

DIN 2462 5CrNiMo 1812

DIN 2464 2CrNiMo 1810

DIN 2464 2CrNiMo 1812

DIN 2462 2CrNiMo 1810

DIN 2462 2CrNiMo 1812

DIN 2464 10CrNiTi 189

SEW 680 10CrNiTi 1810

DIN 2462 10CrNiTi 189

SEW 680 10CrNiTi 1810

DIN 2464 10CrNiMo 189

SEW 680 10CrNiMo 1810

DIN 2462 10CrNiMo 189

SEW 680 10CrNiMo 1810

DIN 2393 St 34.2 GBK

DIN



DIN 1681 GS-38

DIN 1681 GS-38.5

DIN 1681 GS-38

DIN 1681 GS-45

DIN 17245 GS-C25

DIN 1681 GS-52

DIN 1681 GS-45.3

DIN 1681 GS-52

DIN 17245 GS-C25

DIN 1681 GS-45.3

DIN 1681 GS-52

DIN 17245 GS-C25

DIN 17245 GS-22Mo4

DIN 17245 GS-17CrMo55

SEW 595 GS-12CrMo910

SEW 595 GS-12CrMo195

SEW 595 GS-12CrMo101

SEW 595 GS-12CrMo195

SEW 595 GS-12CrMo101

DIN 2393 St 37-2.2NBK

SEW 680 5CrNi 1810

DIN 17440 5CrNi 189

DIN 17440 2CrNi 189

DIN 17440 5CrNiMo 1812

DIN 17440 5CrNiMo 1810

DIN 17440 7CrNiMo 1812

DIN 17440 7CrNiMo 1810

DIN 17440 10CrNiTi 1810

SEW 880 10CrNiTi 1810

DIN 17440 10CrNiTi 189

DIN 17440 7CrAl 13

DIN



DIN 17440 10Cr 13

-

DIN 17440 8Cr 17

DIN 2465 5 CrNi 18 9

SEW 680 5 CrNi 18 10

-

DIN 2465 5 CrNiMo 18 9

DIN 2465 5 CrNiMo 18 10

DIN 2465 5 CrNiMo 18 12

-

DIN 2465 2 CrNiMo 18 10

DIN 2465 2 CrNiMo 18 12

DIN 2465 10 CrNiMo 18 9

SEW 650 10 CrNiMo 18 10

DIN 17100 USt 37-2

DIN 17100 USt 37-3

DIN 17100 USt 42-3

DIN 2462 10Cr13

DIN 2462 8 Cr17

DIN 2464 8 Cr17

DIN 1591 GG-15

DIN



DIN 1691 GG-20

DIN 1691 GG-25

DIN 1691 GG-30

DIN 17100 USt 37-1

DIN 17100 USt 42-1

DIN 17155 H11

DIN 17445G-12Cr14

DIN 17445G-12Cr14

DIN 17445G-20Cr14

DIN 17445G 6CrNi 189

SEW 595-70 8CrNi 1910

DIN 17445G-7CrNiMoNb 18 10

SEW 595-70G-8CrNiNb 19 10

DIN 17445G-6CrNiMo 18 19

DIN 17445G-10CrNi 18 9

DIN 1591 GG-15

SEW595-70G-35CrNi25 20

SEW 089 Wst E 36,39

DIN



VdT UV Wb1 384

BHW 34 13 MnNiMo 54

(B) DIN 267 B1. 3-4. 6

(N) DIN 257 B1. 4-5

(B) DIN 267 B1. 35 - 6

DIN 17240 C 35, CK35

(N) DIN 267 B1. 45

DIN 17100 St 50-2

DIN 2462 5CrNi 18 9

SEW 680 5CrNi 18 10

DIN 2463 2CrNi 18 9

DIN 2462 5CrNiMo 18 10

DIN 2462 5CrNiMo 18 12

DIN 2462 2CrNiMo 18 10

DIN 2462 2CrNiMo 18 12

SEW 680 10CrNiTi 18 10

DIN 2462 10CrNiTi 18 9

DIN 2462 10CrNiNb13 10

SEW 680 10CrNiNb18 9

DIN 2462 10CrNiNb13 9

SEW 670 3CrNiNb16 13

DIN 267 A2

SEW 650 5CrNi 18 10

SEW 680 10CrNiNb18 10

DIN 267 A4

DIN



SEW 680 10CrNiTi 18 10

(B) DIN 267 BI 35.6

DIN 17240 C45

DIN 17240 CK 45

(N) DIN 17100 St

SEW 680 TTSt 35N

SEW 680 10Ni14

SEW 680 TTSt 35N

SEW 680 TTSt 35N

SEW 680 10Ni14

DIN 17175 15Mo3

Wst-Nro 1.5423 1EMo5

VdT ÜVWb1.1207

-12CrMo19 5

Wst.-Nr1.7386 12CrMo44

DIN 17175 13CrMo44

DIN 17175 13CrMo44

DIN 17175 10CrMo9 10

DIN 17440 5CrNi18 9

SEW 680 5CrNi18 10

DIN 17440 5CrNiMo18 10

DIN 17440 5CrNiMo18 12

DIN 17440 10CrNiMo18 9

SEW 630 10CrNiTi18 10

DIN 17440 10CrNiMo18 9

SEW 680 10CrNiTi18 10

DIN 1591 GG-15

SEW 595-70G 8CrNi18 10

DIN 17445G 6CrMo18 9

SEW 595-70G 8CrNiMo18 10 DIN
17445G 6CrMoNi18 18

DIN 17155 13CrMo44

VdT ÜVWb1.1207

DIN



-12CrMo19 5

VdT ÜVWb1.1207

-12CrMo19 5

VdT ÜVWb1130

-12CrMo9 10

VdT ÜVWb1.110

-12CrMo9 10

DIN 1693 GGG-40

DIN 1693 GGG-50

DIN 17445G 12Cr14

DIN 2462 5CrNi8 9

SEW 680 5CrNi18 10

DIN 2462 5CrNiMo18 10

DIN 2462 5CrNiMo18 12

DIN 2452 10CrNiTi18 9

SEW 680 10CrNiTi8 10

DIN 2462 10CrNiNb18 9

SEW 680 10CrNiNb1810

DIN 17445G 6CrNi18 9

SEW 595-70G 8CrNi18 10

DIN 17445G 6CrNiMo18 10

DIN17445G 7CrNiMoNb1810

DIN



8CrNiNb1810

SEW 595-70G

SEW 550 20 Mn5

SEW 640 22NiMoCr37

SEW 640 20MnMoNi55

SEW 550 20 Mn5

SEW 640 22NiMoCr37

SEW 640 20MnMoNi55

SEW 550 20 Mn5

SEW 640 22NiMoCr37

SEW 640 20MnMoNi55

DIN 17135 Ast41

SEW 089 TTSt E26.29

DIN 17135 Ast41

SEW 089 TTSt E26.29

DIN 17135 As143

SEW 089 TTSt E3.2

SEW 089 TTSt E32

DIN1629 St-35

DIN1629 St-35,4

DIN1626 St-42

DIN1626 St-42-2

DIN1626st-45,4

SEW 640 20MnMoNi 55

SEW 640 20MnMoNi 55

SEW 640 20MnMoNi 55

DIN 1693 GGG-40

DIN 1693 GGG-50

SEW089 Wst E36

SEW089 Wst E39

SEW089 Wst E47

DIN



SEW089 Wst E51

SEW 089 TTSt E32

SEW 089 TTSt E32

DIN17200 34CrNiMo 6

VdT ÜV Wbi 380-40NiCrMo 73-I

VdT ÜV Wbi 380-40NiCrMo 73-II

VdT ÜV Wbi 380-40NiCrMo 73-III

VdT ÜV Wbi 390-26NiCrMo 146

SEW 550 20 Mn5

SEW 640 22NiMoCr37

SEW 640 20MnMoNi55

DIN2391 St35.2 GBK

DIN2391 St45.2 GBK

DIN



DIN2393 St37.2.2NBK

DIN2393 St42.2.2NBK

SEW 595-70G

35CrNi 25 20

SEW089 St E26,29

SEW089 St E32

SEW 089 TTSt E26, 29`

DIN267 B1 35 6

DIN17240C35. CK35

DIN17210 C10

DIN17210 CK10

DIN17210 CK10

DIN17210 CK15,CK15

DIN17210 CK15

DIN17200 C22

DIN17200 CK22

DIN17200 C22.CK22

DIN



DIN17200 C35

DIN17200 C35, CK35

DIN17200 C45, CK45

DIN17200 C45, CK45

DIN17200 C60, CK60

DIN17200 34CrMo4

DIN17200 34CrMo4

DIN17200 42CrMo4

DIN17200 50CrMo4

DIN17200 25CrMo4

DIN



DIN17200 36CrNiMo4

DIN17200 34Cr4

DIN17200 41Cr4

DIN1787-CuZn36Pb15

DIN1787-CuZn39Pb2

DIN17672-CuZn36Pb15

DIN17672-CuZn39Pb2

DIN1787-CuZn39Sn

DIN17672-CuZn39Sn

DIN1787-CuZn39Sn

DIN17672-CuZn39Sn

DIN 17660-CuZn5

DIN 17660-CuZn5

DIN 1787-CuZn10

DIN 17678-CuZn10

DIN 1787-CuZn10

DIN 17670-CuZn10

DIN 1787-CuZn15

DIN 17570-CuZn15

DIN 1787-CuZn15

DIN 17670-CuZn15

DIN 1787-CuZn20

DIN 17670-CuZn20

DIN



DIN 1787-CuZn20

DIN 17670-CuZn20

DIN 1787-CuZn30

DIN 17670-CuZn30

DIN 1787-CuZn30

DIN 17670-CuZn30

DIN 1787-CuZn36

DIN 17670-CuZn36

DIN 1787-CuZn36

DIN 17670-CuZn35

DIN 1787-CuZn33

DIN 17670-CuZn33

DIN 1787-CuZn33

DIN 17670-CuZn33

DIN1787-OF-Cu

DIN1754, 1755-OF-Cu

DIN1787-SW-Cu

DIN1754, 1755-SW-Cu

DIN1787-SF-Cu

DIN1754, 1755-SF-Cu

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DIN17662-CuSn8

DIN 17670-CuSn8

DIN17662-CuSn8

DIN 17670-CuSn8

DIN1787-CuZn28Sn

DIN1754. 1755-CuZn28Sn

DIN1787-CuZn20Al

DIN



DIN1754. 1755-CuZn20Al

DIN1787-CuNi10Fe

DIN1754. 1755-CuNi10Fe

DIN1787-CuNi20Fe

DIN1754. 1755-CuNi20Fe

DIN1787-CuNi30Fe

DIN1754. 1755-CuNi30Fe

DIN1787-CuZnb15

DIN17670-CuZnb15

DIN1787-CuZnb1 5

DIN17670-CuZnb1 5

DIN 17663-CuNi 18Zn20

DIN 17663-CuNi 18Zn20

DIN 17663-CuNi 18Zn20

DIN 17662-CuNi 12Zn24

DIN 17670-CuNi 12Zn24

DIN 17662-CuNi 12Zn24

DIN 17670-CuNi 12Zn24

DIN 17662-CuNi 12Zn24

DIN 17670-CuNi 12Zn24

DIN 17662-CuNi 12Zn24

DIN 17670-CuNi 12Zn24

DIN 17666-CuNi 18Zn20

DIN 17670-CuNi 18Zn20

DIN 17666-CuNi 18Zn20

DIN 17670-CuNi 18Zn20

DIN 1787-CuZn40Pb2

DIN 17672-CuZn40Pb2

DIN17660-CuZn5

DIN17660-CuZn5

DIN1787-CuZn10

DIN17677-CuZn10

DIN1787-CuZn15

DIN



DIN17677-CuZn15

DIN1787-CuZn20

DIN17677-CuZn20

DIN1787-CuZn30

DIN17677-CuZn30

DIN1787-CuZn36

DIN17677-CuZn36

DIN1787-CuZn40

DIN17670-CuZn40

DIN1787-CuZn40

DIN17670-CuZn40

DIN1787-CuZn10

DIN1754, 1755-CuZn10

DIN1787-CuZn15

DIN1754, 1755-CuZn15

DIN1787-CuZn30

DIN1754, 1755-CuZn30

DIN1787-CuZn36

DIN1754, 1755-CuZn36

DIN1787-CuZn40

DIN1754, 1755-CuZn40

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DIN17582-CuSn 8

DIN17582-CuSn 8

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DIN17666-CuNi12Zn24

DIN17662-CuNi12Zn24

DIN17666-CuNi12Zn20

DIN17662-CuNi12Zn20

DIN17666-CuNi18Zn19Pb

DIN17662-CuNi18Zn19Pb

DIN1787-OF-Cu

DIN17670-OF-Cu

DIN1787-OF-Cu

DIN



DIN17670-OF-Cu

-

DIN1787-ECu58, ECu57

DIN17670-ECu58, ECu57

-

DIN1787-SW-Cu

DIN17670-SW-Cu

-

DIN1787-SF-Cu

DIN17670-SF-Cu

DIN1787-SF-Cu

DIN17670-SF-Cu

DIN1787-SF-Cu

DIN17670-SF-Cu

DIN1787-SF-Cu

DIN17670-SF-Cu

DIN1787-SF-Cu

DIN17670-SF-Cu

-

DIN17666-CuSn8

DIN17682-CuSn8

VdTÜVWb1. 305 NiCr15Fe

VdTÜVWb1. 305 NiCr15Fe

VdTÜVWb1. 305 NiCr15Fe

DIN 1787-CuZn39Sn

DIN 17670-CuZn39Sn

DIN 1787-CuAl 10Ni

DIN 1767G-CuAl 10Ni

DIN 17664-CuNi 10

DIN 17664-CuNi 10

DIN 17664-CuNi 30Fe

DIN 17674-CuNi 30Fe

DIN 1787-OF-Cu

DIN 17672-OF-Cu

DIN



DIN 1787-ECu58 ECu57

DIN 17672-ECu58 ECu57

DIN 1787-OF-Cu

DIN 17672-OF-Cu

DIN 1787-ECu58 ECu57

DIN 1754. 1755-ECu58. ECu57

DIN17666-CuBe 1 7

DIN17670-CuBe 1 7

DIN17666-CuBe 1 7

DIN17670-CuBe 1 7

DIN17666-CuBe 2

DIN17670-CuBe 2

DIN17666-CuBe 2

DIN17670-CuBe 2

DIN 17665-CuBe2

DIN 17582-CuBe2

DIN 17666-CuBe2

DIN 17682-CuBe2

DIN17666-CuNi12Zn24

DIN17682-CuNi12Zn24

DIN17656-CuNi18Zn20

DIN17682-CuNi18Zn20

DIN1745-AlCuSiMn

-

DIN1745-AlCuSiMg2

-

DIN 1745-AlMnCu

DIN 1745-AlMn1Mg1

DIN 1745-AlMn1Mg0.5

DIN 1745-AlMg1

DIN 1745-AlMg2.5

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DIN



DIN 1745-AlMg2.7Mn

DIN 1745-AlMg4.5Mn

DIN 1745-AlMg4Mn

-

DIN 1745-AlZnMgCu1.5

-

-

DIN1747-AlCuMg2

DIN1746-AlMnCu

DIN1746-AlMg2.5

-

DIN 1746-AlMg4.5Mn

-

-

DIN 1746-AlZnMgCu1.5

-

-

DIN1747-AlCuMg2

DIN1747-AlMnCu

DIN1747-AlMg 2.5

DIN1747-AlMg 4.5Mn

-

-

DIN1747-AlZnMgCuL5

DIN1746-AlCuSiMn

DIN1746-AlCuMg2

DIN1746-AlMnCu

DIN1746-AlMg2.5

DIN



DIN1746-AlMg2.7Mn

DIN1746-AlMg4.5Mn

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DIN1746-AlZnMgCu1.5

-

DIN1748-AlCuSiMn

DIN1748-AlCuMg2

DIN1748-AlMnCu

DIN1748-AlMg2.5

DIN1748-AlMg2.7Mn

DIN1748-AlMg4.5Mn

-

-

DIN1748-AlZnMgCu1.5

-

DIN1749-AlCuSiMn

DIN1749-AlCuSiMn

-

-

-

DIN1749-AlMg4.5Mn

DIN1749-AlMg4.5Mn

-

-

DIN1749-AlZnMgCu1.5

DIN1748-AlZnMgCu1.5

DIN 17860-3 7025 10-

DIN 17860-3 7035 10

DIN



DIN 17860-3 7055 10

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DIN17862-3, 7025, 10

DIN17862-3, 7035, 10

DIN17862-3, 7055, 10

VdTÜV Wb1 412-10NGCrAlTi32 20

VdTÜV Wb1 412-10NGCrAlTi32 20

VdTÜV Wb1 412-10NGCrAlTi32 20