DIN Material

EN Material Designation		Old Material Designation (DIN)		ASTM	
Number	Symbol	Number	Symbol	equivalent[1)]	Material
EN-JL 1040	EN-GJL-250	0.6025	GG-25	A126-B	Grey cast iron
EN-JS 1030	EN-GJS-400-15	0.7040	GGG-40	A536 60-40-18	S. G. (ductile) iron
EN-JS 1025	EN-GJS-400-18-LT	0.7043	GGG-40.3	–	S. G. (ductile) iron
EN-JS 1049	EN-GJS-400-18-U-LT	0.7043	GGG-40.3	–	S. G. (ductile) iron to AD 2000 A4/W3/2 DIN EN 1563
EN-JM 1030	EN-GJMW-400-5	0.8040	GTW-40	–	Whiteheart malleable cast iron
1.0038	235JRG2	1.0038	RSt 37-2	A284-B	Constructional steel
1.0315	P235G2TH	1.0315	ST 37.8	–	Constructional steel
1.0345	P235GH	1.0345	ST 35.8 (HI)	A285-CA	High-quality steel (structural steel)
1.0460	P250GH	1.0460	C22.8	A105	Forged steel, unalloyed (carbon steel)
1.0619	GP240GH	1.0619	GS-C 25	A216-WCB	Cast steel (carbon steel)
1.4006	X12Cr13	1.4006	X10 Cr 13	A182-F6A	Chromium steel
1.4008	GX7CrNiMo12-1	1.4008	G-X 8 CrNi 13	–	Cast stainless steel
1.4107	GX8CrNi12	1.4107	G-X 8 CrNi 12	A217-CA15	Chromium steel
1.4301	X5CrNi18-10	1.4301	X5 CrNi 18 10	A182-F304	Forged stainless steel, austenitic
1.4308	GX5CrNi19-10	1.4308	G-X 6CrNi 18 9	A351-CF8	Cast stainless steel, austenitic
1.4317	GX4CrNi13-4	–	–	A743 CA6NM	Cast stainless steel
1.4404	X2CrNiMo17-12-2	1.4404	X2CrNiMo17132	A182 F316L	Forged stainless steel, austenitic
1.4408	GX5CrNiMo19-11-2	1.4408	G-X 6CrNiMo 18 10	A351-CF8M	Cast stainless steel, austenitic
1.4435	X2CrNiMo18-14-3	1.4435	X2 CrNiMo 18 14 3	AISI 316L	Stainless steel, forged, austenitic
1.4541	X6CrNiTi18-10	1.4541	X6 CrNiTi 18 10	–	Forged stainless steel, austenitic
1.4550	X6CrNiNb18-10	1.4550	X6 CrNiNb 18 10	A182-F347	Forged stainless steel, austenitic
1.4552	GX5CrNiNb19-11	1.4552	G-X 5 CrNiNb 18 9	A351-CF8C	Cast stainless steel, austenitic
1.4571	X6CrNiMoTi17-12-2	1.4571	X6 CrNiMoTi 17 12 2	AISI 316Ti	Forged stainless steel, austenitic
1.4581	GX5CrNiMoNb19-11-2	1.4581	G-X 5 CrNiMoNb 18 10	–	Cast stainless steel, austenitic
1.4901	X10CrWoMoVNb9-2	–	–	A182-F92	Forged steel, highly heat resistant
1.4903	X10CrMoVNb9-1	1.4903	X10 CrMoVNb 91	A182-F91	Forged steel, highly heat resistant
1.4922	X20 CrMo V11-1	1.4922	X20 CrMo V12 1	–	Forged steel, heat resistant
1.4980	X6NiCrTiMoVB25-15-2	1.4980	X5NiCrTi 26 15	–	Forged steel, heat resistent
1.4496	X7 CrNiMo BNb 16-16	1.4986	X8 CrNiMo BNb 16 16	–	Forged steel, heat resistant
1.5415	16Mo3	1.5415	15 Mo 3	A182-F1	Forged steel, heat resistant
1.5419	G20Mo5	1.5419	GS-22 Mo 4	A217-WC1	Cast steel, heat resistant
1.7225	42CrMo4	1.7225	42CrMo4	A193-B7	Forged steel, heat resistant
1.7335	13CrMo4-5	1.7335	13 CrMo 4 4	A182-F12-2	Forged steel, heat resistant
1.7357	G17CrMo5-5	1.7357	GS-17 CrMo 5 5	A217-WC6	Cast steel, heat resistant
1.7380	10CrMo9-10	1.7380	10 CrMo 9 10	A182 F22-3	Forged steel, heat resistant
1.7383	11CrMo9-10	–	–	A182 F22-3	Forged steel, heat resistant
1.7709	21CrMoV 5-7	1.7709	21CrMoV 5 7	–	Forged steel, heat resistent
2.4600	Hastelloy B-3	2.4600	NiMo 29Cr	B335/564	Hastelloy B
2.4610	NiMo 16Cr 16Ti	2.4610	NiMo 16Cr 16Ti	B574	Hastelloy C
2.4632	Nimonic 90	2.4632	NiCr20 Co18Ti	–	Nimonic 90
2.4669	Inconel X750	2.4669	NiCr15 Fe7 TiAL	B637, NACE MR-01-75	Inconel X750
3.7035	Ti 2	3.7035	–	B348/381	Titan
CW608N	CuZn 38 Pb 2	2.0371	CuZN 38 Pb 1.5 (MS60)	–	Hot-pressed brass
CW614N	CuZn 39 Pb 3	2.0401	CuZn 39 Pb 3	–	Brass
CW617N	Cu Zn 40 Pb 2	2.0402	CuZn 40 Pb 2	–	Brass
CW710R	CuZn 35 Ni3Mn2Al Pb	2.0540	CuZn 35 Ni 2	–	Special brass
CW718R	CuZn 39 Mn1Al Pb Si	2.0561	CuZn 40 Al 1	–	Special brass
CC332G	CuAl10Ni3Fe2-C	2.0970.01	G-CuAl 9 Ni	–	Bronze
CC480K-GS	CuSn10-Cu	2.1050.01	G-CuSn 10	–	Bronze
CC483K-GS	CuSn12-C	2.1052.04	GC-CuSn 12	–	Bronze

[1)] Physical and chemical properties comply with DIN grade. ASTM nearest equivalent grade is stated for guidance only.