

Information courtesy : Steelmet Industries (www.steelmet.in)

Alloy Steels

Internal Standard	Equivalent Grades				
	BS	DIN	IS	EN	SAE/AISI
EN18	530A40	37Cr4	40Cr1	EN18	5140
EN24	817M40	34CrNiMo6	40NiCr4Mo3	EN24	4340
EN19C	709M40	-	40Cr4Mo3	EN19C	4140, 4142
EN19	709M40	-	40Cr4Mo3	EN19	4140, 4142
EN18D	530A40	37Cr4	40Cr1	EN18D	5140
EN18C	530A40	37Cr4	40Cr1	EN18C	5140
EN18A	530A40	37Cr4	40Cr1	EN18A	5140
27C15	-	28Mn6	27C15	-	1527
20MnCr5	-	20MnCr5	20MnCr1	-	-
20Mn2	150M28	-	20Mn2	EN14A	1524
16MnCr5	-	16MnCr5	17Mn1Cr95	-	5120
FILESTEEL	-	-	-	-	-
EN18B	530A40	37Cr4	40Cr1	EN18B	5140
SAE8620	805M20	-	20NiCrMo2	EN362	8620
SAE8622	805M20	-	20Ni2Cr2Mo2	-	8622
EN353	815M17	-	15NiCr1Mo12	EN353	-
EN354	820M17	-	15NiVCr1Mo15	EN354	4320
15Cr3	523A14	15Cr3	15Cr65	EN206	5015
EN24	817M40	34CrNiMo6	40NiCr4Mo3	EN24	4340
17Cr3	-	17Cr3	-	-	-
40Cr4	41Cr4	41Cr4	40Cr4	En18D	5140
34Cr4	34Cr4	34Cr4	-	En18	5130

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Low Carbon Steels

Internal Standard	Equivalent Grades			
	DIN	IS	EN	SAE/AISI
SAE1010	CK10	C10	-	SAE1010
SAE1018	CK15	C15Mn75	EN32B, EN32C	SAE1018

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Carbon Steels

Internal Standard	Equivalent Grades				
	BS	DIN	IS	EN	SAE/AISI
EN15B	150M36	36Mn5	37Mn2, 37C15	EN15B	1536
EN32B	-	CK15	C14	EN32B	1015,1016,1018
1038	-	CK38	-	-	1038
EN43C	-	-	C50	EN43C	1050
CK45	-	CK45	45C8	1045	-
EN9	070M55	CK55	C55	EN9	1055
C35	-	C35	35C8 , C35Mn75	-	1035
EN42	-	CK75	80C6	EN42	1074
EN42B	-	C67	65C6	EN42B	1065
EN43	080M50	C55	60C6	EN43	1055
EN43B	080A47	CK45	-	EN43B	1045
EN 8					

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Free Cutting Steels

Internal Standard	Equivalent Grades					
	BS	DIN	IS	EN	SAE/AISI	JIS
EN15(AM)	216M36	-	40Mn15S12	EN15(AM)	1137	-
EN1A	220Mo7	9SMn28	11C10S25	EN1A	1213	SUM22
EN1APB	220Mo7Pb	9SMnPb36	-	EN1APB	12L14	SUM24L
EN8M	212M36	-	40C10S18	EN8M	1146	-
SAE1146	-	-	40C10S18	EN8M	SAE1146	-
10C8S10	-	-	10C8S10	-	1108	SUM12
VS13113	-	-	-	EN8M	-	-

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Spring Steels

Internal Standard	Equivalent Grades					
	BS	DIN	IS	EN	SAE/AISI	JIS
60Si7	-	60Si7	60Si7	EN45A	-	-
SUP7	-	59Si7	-	EN45A	9260	SUP7
SUP12V	685A57	54SiCr6	-	-	9254	SUP12V
55Si7	-	55Si7	55Si7	EN45A	-	-
EN45	250A53	55Si7	55Si2Mn90	EN45	9255	-
EN45A	250A58	-	-	EN45A	9260	-
50CrV4	735A51	50CrV4	50Cr4V2	EN47	6150	SUP10
SUP11A	-	-	-	-	51B60	SUP11A
SUP9	-	55Cr5	-	-	5155	SUP9

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Ball Bearing

Internal Standard	Equivalent Grades					
	BS	DIN	IS	EN	SAE/AISI	JIS
SAE52100	534A99/535A99	100Cr6	103Cr1	EN31	SAE52100	SUJ 2
EN31M	534A99/535A99	100Cr6	103Cr1	EN31M	SAE52100	SUJ 2
EN31	534A99/535A99	100Cr6	103Cr1	EN31	SAE52100	SUJ 2