

## Bars, Shapes and Steel Plates

Japanese Industrial Standards			Related foreign standards		
Std. No.	Title	Material symbol	Std. No.	Title	Material symbol. Grade. Class
JIS G 3136	Rolled steels for building structure		BS 4360 : 90 (obsolete)	Weldable structural steels	40 D, 40 E, 43 C, 43 D, 43 E, 50 C, 50 D, 50 E, 50 F, 55 C, 55 E, 55 F
			BS 4360 : 86 (obsolete)	Weldable structural steels	40 A, 40 B, 40 C, 40 D, 40 E, 43 A 1, 43 A, 43 B, 43 C, 43 D, 43 E, 50 A, 50 B, 50 C, 50 D 1, 50 E, 50 F, 55 C, 55 E, 55 F
			DIN 17100 : 80 (obsolete)	Steels for general structural purposes	ST 33, 37-2, 37-3, 44-2, 44-3, 52-2, 52-3
			DIN 17102 : 83 (obsolete)	Weldable fine grain steels, normalized strip, plate, universal plate, sections and merchant	StE 255, 285, 315, 355, 380, 420, 460, 500
			NF A 35-501 : 87 (obsolete)	Structural steels. Grades and types. Sheets, medium and heavy plates, universal plates, bars and sections	A 33, A 34, E 24, E 28, E 36
			ISO 630 : 95	Structural steels	E 185, 235, 275, 355
			ISO 4950-2 : 95	High yield strength flat steel products Part 2: Products supplied in the normalized or controlled rolled condition	E 355, 460
			ISO 4950-3 : 95	High yield strength flat steel product Part 3: Products supplied in the heat-treated (quenched + tempered) condition	E 460, 550
			ISO 4951 : 79	High yield strength steel bars and sections	E 355, E 390, E 420
			ISO 4995 : 93	Hot-rolled steel sheet of structural quality	HR 235, 275, 355
			ISO 4996 : 91	Hot-rolled steel sheet of high yield stress structural quality	HS 355, 390, 420, 460, 490
			ISO 6316 : 82	Hot-rolled steel strip of structural quality	HR 235, 275, 355