

## HOT ROLLED FOR STRUCTURAL USES (UNI EN 10025)

### COMPARISON TABLES

EUROPE	MAT.	EUROPE		EUROPE	I	D	E	F	GB	SE	USA	JAP
EN 10025:05	N°	EN10025:1990 +A1:93		EN10025 :90	UNI 7070 :84	DIN 17100 :87	UNE 36080 :90	NFA35-01 :87	BS 4360 :90	SS 14 :75	ASTM :96	JIS G 3101: :95
S185	1.0035	S185	1.0035	Fe 310-0	Fe 320	St 33	A 310-0	A 33		13 00-00		
		S235JR	1.0037	Fe 360 B	Fe 360 B	St 37-2		E 24-2		13 11-00	A 570 Grade 36	
		S235JRG1	1.0036	Fe 360 BFU		USt 37-2	AE 235 B-FU				A 570 Grade 36	
S235JR	1.0038	S235JRG2	1.0038	Fe 360 BFN		RSt 37-2	AE 235 B-FN		40 B	13 12-00	A 570 Grade 36	SS 330
S235J0	1.0114	S235J0	1.0114	Fe 360 C	Fe 360 C	St 37-2 U	AE 235 C	E 24-3	40 C		A 570 Grade 36	SS 330
		S235J2G3	1.0116	Fe 360 D1	Fe 360 D	St 37-3 N	AE 235 D	E 24-4	40 D		A 570 Grade 36	SS 330
S235J2	1.0117	S235J2G4	1.0117	Fe 360 D2							A 570 Grade 36	SS 330
S275JR	1.0044	S275JR	1.0044	Fe 430 B	Fe 430 B	St 44-2	AE 275 B	E 28-2	43 B	14 12-00	A 570 Grade 40	SS 400
S275J0	1.0143	S275J0	1.0143	Fe 430 C	Fe 430 C	St 44-3 U	AE 275 C	E 28-3	43 C		A 570 Grade 40	SS 400
		S275J2G3	1.0144	Fe 430 D1	Fe 430 D1	St 44-3 N	AE 275 D	E 28-4	43 D	14 14-00	A 570 Grade 40	SS 400
S275J2	1.0145	S275J2G4	1.0145	Fe 430 D2	Fe 430 D2					14 14-01	A 570 Grade 40	SS 400
S355JR	1.0045	S355JR	1.0045	Fe 510 B	Fe 510 B		AE 355 B	E 36-2	50 B		A 570 Grade 50	
S355J0	1.0553	S355J0	1.0553	Fe 510 C	Fe 510 C	St 52-3 U	AE 355 C	E 36-3	50 C		A 570 Grade 50	
		S355J2G3	1.0570	Fe 510 D1	Fe 510 D	St 52-3 N	AE 355 D		50 D		A 570 Grade 50	
S355J2	1.0577	S355J2G4	1.0577	Fe 510 D2							A 570 Grade 50	
		S355K2G3	1.0595	Fe 510 DD1	Fe 510 DD			E 36-4	50 DD		A 570 Grade 50	
S355K2	1.0596	S355K2G4	1.0596	Fe 510 DD2							A 570 Grade 50	
S450J0	1.0590								55 C			
E295	1.0050	E295	1.0050	Fe 490-2	Fe 490	St 50-2	A 490	A 50-2		15 50-00 15 50-01		
E335	1.0060	E335	1.0060	Fe 590-2	Fe 590	St 60-2	A 590	A 60-2		16 50-00 16 50-01		
E360	1.0070	E360	1.0070	Fe 690-2	Fe 690	St 70-2	A 690	A 70-2		16 55-00 16 55-01		

**Note:**

Effervescence conditions are indicated by:

FU = G1 = effervescent steel

FN = G2 = effervescent steel not allowed

FF = fully calmed steel

In the previous standard the designations were foreseen:

G3 = normalized steel

G4 = normalized steel and shipping conditions at the discretion of the supplier