

## Tabla 12

### Tablas comparativas de las calidades típicas de acero

## Table 12

### Comparison tables of typical steel grades

## Tavola 12

### Tavole comparative delle qualità di acciaio

Aceros estructurales / Structural steels / Acciai strutturali														
EN 10025-2: 2004	Normas anteriores / Previous standards / Norme precedenti										ASTM	CSA G 40- 21	JIS G 3101 JIS G 3106	
	EN 10025: 1990 + A1: 1993	EN 10025: 1990	NF A 35-501	DIN 17100	BS4360	UNE 36 080 NBN A21-101	UNI 7070	SS 14	NS 12 101	ÖNORM M1316				
S235JR S235J0 S235J2*	S235JR	Fe360B	E24-2	St37-2		AE235B	Fe360B	13 11-00	NS 12 120		A 36	260 W	SS 400 SM 400 A/B/C SS 400	
	S235JRG1	Fe360BFU		Ust37-2		AE235B-FU			NS 12 122	USt 360 B				
	S235JRG2	Fe360BFN		RSt37-2	40B	AE235B-FN		13 12-00	NS 12 123	RSt 360 B				
	S235J0	Fe360C	E24-3	St37-3U	40C	AE235C	Fe360C		NS 12 124	St 360 C St 360 CE St 360 D				
S235J2*	S235J2G3	Fe360D1	E24-4	St37-3N	40D	AE235D	Fe360D		NS 12 124					
	S235J2G4	Fe360D2												
S275JR S275J0 S275J2*	S275JR	Fe430B	E28-2	St44-2	43B	AE255B	Fe430B	14 12-00	NS 12 142	St 430 B	A 572 Gr.50 A 992 Gr.50	300 W	SS 490	
	S275J0	Fe430C	E28-3	St44-3U	43C	AE255C	Fe430C		NS 12 143	St 430 C St 430 CE				
	S275J2*	S275J2G3	Fe430D1	E28-4	St44-3N	43D	AE255D	Fe430D	14 14-00 14 14-01	NS 12 143				St 430 D
S355JR S355J0 S355J2 S355K2 S450J0	S355JR	Fe510B	E36-2		50B	AE355B	Fe510B				A 572 Gr.50 A 992 Gr.50	350 W	SS 490	
	S355J0	S355J0	Fe510C	E36-3	St52-3U	50C	AE355C	Fe510C	21 32-01	NS 12 153				St 510 C
	S355J2	S355J2G3	Fe510D1		St52-3N	50D	AE355D	Fe510D		NS 12 153				St 510 D
	S355K2	S355K2G3	Fe510D2	E36-4		50DD	AE355-DD		21 34-01					
S450J0					55C									
E295	E295	Fe490-2	A50-2	St50-2		A490-2	Fe490	15 50-00/ -01		St 490				
E335	E335	Fe590-2	A60-2	St60-2		A590-2	Fe590	16 50-00/ -01		St 590				
E360	E360	Fe690-2	A70-2	St70-2		A690-2	Fe690	16 55-00/ -01		St 690				

Aceros de alta resistencia con alta tenacidad a la entalla / High strength steels with high notch toughness / Acciaio ad alta resistenza con elevate caratteristiche di resilienza

EN 10025-4: 2004	Normas anteriores / Previous Standards / Norme precedenti						ASTM	CSA G 40-21	JIS G 3101
	EN 10113-3: 1993	NF A 35-504 NF A 36-201	DIN 17102	BS 4360	UNI 7382	SS 14			
S355M	S355M	E355	St E 355	50 D	Fe E 355 KG	21 34-01	A 913 Gr.50		
S355ML	S355ML		TSt E 355	50 EE	Fe E 355 KT	21 35-01		400 W	
		E375							SM 490 YA SM 490 YB
S460M	S460M	E460R	St E 460	55 C	Fe E 460 KG		A 913 Gr.65		SM 570
S460ML	S 460ML	E460FP	TSt E 460	55 EE	Fe E 460 KT				

Tabla comparativa de calidades HISTAR® / Comparison table for HISTAR® grades / Tavola comparativa per qualità HISTAR®

HISTAR®	Normas anteriores / Previous Standards / Norme precedenti						ASTM A 572 ASTM A 913	ASTM A 992	JIS G 3106	
	EN 10025-2	EN 10025-4	NF A 35-504 NF A 36-201	NF A 35-501	BS 4360	DIN 17100				DIN 17102
355	S355	S355	E355	E36	50 D	St 52-3	St E 355	Gr.50	Gr.50	SM 490 B/C/YB
460	S450	S460	E460		55 C		St E 460	Gr.65		SM 570

\* Disponibile previo acuerdo.  
\* Available upon agreement.  
\* Disponibile previo accordo.