Reinforcing steel codings from 1950
Translation of old values to Eurocode

Old standard (GBV/VB/VBC)		NEN-EN 1992-1-1		
	Reinforcing steel type	f_{yk}[N/mm^2] (yield point)	f_{yd}[N/mm^2] (γ_m = 1,15) $f_{yd} = f_{yk}/1{,}15$ (yield point incl. safety factor) Calculation value steel tenstile strength based on EC.	Ductility class
GBV 1950	QR22	220	191 *1	B
	QR24	240	209 *1	B
	QR30	300	260 (240)*3 *1	prob. B
	QR36	360	313 (270)*3 *1	prob. B
	QR42	420	365 (300)*3 *1	prob. B
	QRn36	360	313 (270)*3 *1	prob. < A
	QRn42	420	365 (300)*3 *1	prob. < A
	QRn48	480	417 (330)*3 *1	< A
	QRn54	540	469 (360)*3 *1	< A
GBV 1962	QR22	220	191 *2	B
	QR24	240	209 *2	B
	QR32	320	278 (270)*3 *2	B
	QR40	400	348 (330)*3 *2	B
	QR48	480	417 (390)*3 *2	prob. B
	QRn32	320	278 (270)*3 *2	prob. < A
	QRn40	400	348 (330)*3 *2	prob. < A
	QRn48	480	417 (390)*3 *2	< A
VB 74	FeB 220 HW	220	191	B
	FeB 400 HW, HWL	400	348	B
	FeB 500 HW	500	435	prob. B
	FeB 400 HK	400	348	prob. B
	FeB 500 HKN	500	435	< A
VB74/84	FeB 220 HW	220	191	B
	FeB 400 HW, HWL	400	348	B
	FeB 500 HW	500	435	prob. B
	FeB 400 HK	400	348	prob. B
	FeB 500 HKN	500	435	A
VBC 1990 / VBC1995	FeB 220 HWL	220	191	B
	FeB 400 HWL, HK	400	348	B
	FeB 500 HWL, HK	500	435	B
	FeB 500 HKN	500	435	A
Eurocode from 2008	B 500 A	500	435	A
	B 500 B	500	435	B
	B 500 C	500	435	C

*1 For old calculation method allowable tensions see GBV 1950.

*2 For old calculation method allowable tensions see GBV 1962.

*3 These values are derived from the Richtlijn Beoordeling Kunstwerken (RBK) version 1.0 of RWS. A lower value for f_{yd} was determined on the basis of the tensions permitted in the original standard than would have been derived from f_{yk} on the basis of NEN-EN 1992-1-1.