

# Steels - Standard information

STEEL TYPE		GERMANY-EUROPE		USA		ITALY	UK
REF. DIN3017		WN-DIN	EN	AISI	SAE	UNI	B.S.
STEINLESS STEEL 100%	W5	1.4401 1.4571	X5 CrNiMo 17122 X6 CrNiMoTi 17122	316 316Ti	30316 -	X5 CrNiMo 1712 X6 CrNiMoTi 1712	320 S 18-316 S 31 316 S 18
	W4	1.4301 -	X5 CrNi 1810 -	304 -	30304 -	X5 CrNi 1810 -	304 S 16-304 S 31 304 S 15
	W3	1.4301 1.4016	X6 Cr 17	430	51430	X8 Cr 17	430 S 17 - 430 S 18
COMBINED STEELS	W2 W2B*	Band and housing in W3 (1.4016 - 430 SS), screw zinc-plated Cq15 steel * Housing zinc-plated steel					
MILD STEEL	W1	Housing and screw in mild galvanized steel					

STEEL TYPE		SWEDEN		RUSSIA	SPAIN	FRANCE
REF. DIN3017		SS		GOST	UNE	AFNOR
STEINLESS STEEL 100%	W5	2347 (2350)		10Ch17N13M2T	F.3534 (F.3535)	Z6 CND 17-18 (Z6 CNDT 17-12)
	W4	2332		8Ch18N10	F.3504	Z7(6) CN 18-09
	W3	2320		12Ch17	F.3113	Z8 C 17
COMBINED STEELS	W2 W2B*	Band and housing in W3 (1.4016 - 430 SS), screw zinc-plated Cq15 steel * Housing zinc-plated steel				
MILD STEEL	W1	Housing and screw in mild galvanized steel				

## Other stainless steel classification according to international standard

USA	GERMANY	ITALY	FRANCE	UK
AISI	WN-DIN	UNI	AFNOR	B.S.
305	1.4303	X8 CrNi 1812	Z8 CN 18-12	305 S 01
304L (301)	1.4306	X12 Cr 13	Z1 CN 18-12	304 S 11
303	1.4305	X10 CrNiS 1809	Z10 CNF 18-09	303 S 01
302	1.4300	X10 CrNi 1809	Z10 CN 18-09	302 S 01
410	1.4006	X12 Cr 13	Z10 CT 13	410 S 01
201	1.4372	-	-	201 S 01

STEEL	
Iron + carbon (minus of 2%)	Carbon steel
Carbon steel + few quantity of chromium, nickel etc.	Special steel
Special steel with chromium > 11%	Stainless steel

CLASS A2: equivalent inox/AISI 301-304-304L-305-321  
 CLASS A4: equivalent inox/AISI 316-316L-316Ti

### AUSTENITIC AND NON - MAGNETIC STAINLESS STEEL

Austenitic and non-magnetic stainless steels are: series AISI 300 (chromium-nickel-carbon steel alloy) and series AISI 200 (chromium-nickel-manganese-carbon steel alloy).

### RESIDUAL MAGNETISM

A possible phenomenon of residual magnetism is due to processing and automatic assembly; it does not influence the products performance.