

## TABLE OF CONTENTS

Designation systems for steel .....	4 – 6
Table of DIN-standards cited in the "Stahlschlüssel" ..	7 – 22

### STRUCTURAL AND CONSTRUCTIONAL STEELS

Structural steels .....	23
Cementation steels .....	24 – 29
Nitriding steels .....	24 – 29
Free cutting steels .....	24 – 29
Brand names .....	30 – 39
Heat treatable steels .....	40 – 44
Ball and roller bearing steels .....	40 – 44
Brand names .....	45 – 55
Spring steels .....	56 – 60
Steels for superficial hardening .....	56 – 60
Steels for cold extrusion .....	56 – 60
Brand names .....	61 – 71
Tough at subzero steels .....	72 – 76
Steels for high-pressure hydrogenation vessels .....	72 – 76
High temperature constructional steels .....	72 – 76
Brand names .....	77 – 85
Fine grained structural steels .....	86 – 88
Structural steels resistant to weathering .....	86
Fine grained steels for cold pressing .....	88
Brand names .....	89 – 93

### STRUCTURAL AND CONSTRUCTIONAL STEELS FOREIGN COUNTRIES

Australia/New Zealand .....	94 – 98
Austria .....	206
Brazil:	
Villares Metals S.A. ....	316
Bulgaria .....	99
Canada .....	198
China (The People's Republic) .....	100 – 119
Czech/Slovak Republic .....	233 – 235
Europe .....	120 – 138
France .....	139 – 143
Great Britain .....	144 – 146
Hungary .....	236
India .....	147 – 163
ISO .....	164 – 178
Italy .....	179 – 182
Japan .....	183 – 197
Korea .....	199 – 204
Norway .....	205
Poland .....	207 – 210
Rumania .....	211 – 213
Russia .....	214 – 224
Serbia .....	228 – 229
Spain .....	230 – 232
Sweden .....	225 – 226
Switzerland:	
Steeltec AG .....	227
United States of America .....	237 – 243
United States of America (UNS) .....	244 – 267
International comparison of materials .....	268 – 277

### TOOL STEELS

Carbon tool steels .....	278 – 281
High speed steels .....	278 – 281
Brand names .....	282 – 288
Cold work tool steels .....	289 – 292
Brand names .....	293 – 302
Hot work tool steels .....	303 – 306
Brand names .....	307 – 315

### TOOL STEELS FOREIGN COUNTRIES

Brazil:	
Villares Metals S.A. ....	316
China (The People's Republic) .....	317 – 318
Czech/Slovak Republic .....	329
Europe .....	319
India .....	320 – 321
ISO .....	322
Japan .....	323
Korea .....	324
Norway .....	205
Russia .....	325 – 326
Spain .....	328
Sweden .....	327
United States of America .....	330 – 331
International comparison of materials .....	332 – 333

### VALVE STEELS

Technical properties .....	334 – 339
Brand names .....	340 – 348

### HIGH TEMPERATURE STEELS AND ALLOYS

Technical properties .....	334 – 339
Brand names .....	340 – 348

### NON-MAGNETIZABLE STEELS

Technical properties .....	349 – 353
Brand names .....	354 – 363

### HEAT RESISTING STEELS

Technical properties .....	349 – 353
Brand names .....	354 – 363

### HEAT CONDUCTING ALLOYS

Technical properties .....	349 – 353
Brand names .....	354 – 363

### STAINLESS STEELS

Technical properties .....	364 – 370
Brand names .....	371 – 385

### STAINLESS STEEL CASTINGS

Technical properties .....	386 – 391
Brand names .....	392 – 395

### HEATPROOF STEEL CASTINGS

Technical properties .....	386 – 391
Brand names .....	392 – 395

### WELDING FILLER MATERIALS

Technical properties .....	396 – 405
Brand names .....	406 – 408

### STAINLESS AND HEAT-RESISTING STEELS, WELDING FILLER MATERIALS, SPECIAL ALLOYS FOREIGN COUNTRIES

Australia/New Zealand .....	409
Austria .....	479
Brazil:	
Villares Metals S.A. ....	316
China (The People's Republic) .....	410 – 426
Czech/Slovak Republic .....	493 – 494
Europe .....	427 – 440
France .....	441 – 442
Great Britain .....	443 – 444
India .....	445 – 449
ISO .....	450 – 458
Italy	
Cogne Acciai Speciali .....	459
Acciaierie Valbruna s.p.a. ....	460 – 463
Japan .....	464 – 471
Korea .....	472 – 478
Norway .....	205
Poland .....	480
Rumania .....	213
Russia .....	481 – 490
Spain .....	492
Sweden .....	491
United States of America .....	495 – 498
U.S.A./Great Britain, Special alloys .....	499 – 504
International comparison of materials .....	505 – 508

### NUMBERS OF MATERIAL

in numerical order .....	509 – 580
--------------------------	-----------

### WHO SUPPLIES WHICH STEEL?

.....	581 – 617
-------	-----------

### TABLE OF SUPPLIERS

German suppliers .....	618 – 621
Foreign suppliers .....	663 – 666

### TABLE OF SHAPE AND CONDITION OF PRODUCTS

German suppliers .....	622 – 625
------------------------	-----------

### INDEX OF BRAND NAMES GERMANY

in alphabetical order .....	626 – 662
-----------------------------	-----------

### INDEX OF BRAND NAMES FOREIGN COUNTRIES

in alphabetical order .....	667 – 786
-----------------------------	-----------