

STEEL SPECIFICATION COMPARISONS

BS970 : 1970/72 BS970 : 1983	BS970 : 1955 EN SERIES	BS970 : 1970/72 BS970 : 1983	BS970 : 1955 EN SERIES	BS970 : 1970/72 BS970 : 1983	BS970 : 1955 EN SERIES
040A04	2A, 2A/1, 2B	250A53	45	605A37	16C
040A10	2A, 2A/1, 2B	250A58	45A	605M30	16D
040A12	2A, 2A/1, 2B	250A61	45B	605M36	16
040A22	2C, 2D	302S25	5BA	606M36	16M
045M10	32A	303S21	58M	608M38	17
050A20	2C, 2D	303S41	58M	635M15	351
055M15	2	304S15	58E	637M17	352
060A62	43D	315S16	58H	640A35	111A
060A96	44, 44B	316S16	58J	640M40	111
070A72	42	320S17	58J	653M31	23
070A78	42	321S12	58B, 58C	655M13	36A
070M20	3A, 3C	321S20	58B, 58C	659M15	39A
070M55	9	325S21	58M	665A22	35A
080M15	32C	331S40	54	665A24	35B
080A27	5A	331S42	54A	665M17	34
080A30	5B	347S17	54F, 58G	665M23	35
080A32	5C	401S45	52	708A37	19B
080A35	8A	410S21	56A	708A42	19C
080A37	8B	416S21	56AM	708M40	19A
080A40	8C	416S29	56BM	709M40	19
080A42	8D	416S37	56CM	722M24	40B
080A47	43B	416S41	56AM	735A50	47
080A52	43C	420S29	56B	785M19	13
080A67	43E	420S37	56C	805M17	361
080M15	32C	420S45	56D	805M20	362
080M30	5	430S17	60	805M25	363
080M40	8	431S29	57	815M17	353
080M50	43A	443S65	509	816M40	110
120M36	15B	503A37	12B	817M40	24
130M15	201	503A42	12C	820M17	354
150M19	14A, 14B	503M40	12	822M17	355
150M28	14A, 14B	523A14	206	826M31	25
150M36	15	526M60	11	826M40	26
210M15	32M	527A19	207	830M31	27
212A37	8BM	527A60	48	832M13	36C
212A42	8DM	530A30	18A	835M15	39B
212M36	8M	530A32	18B	835M30	30B
212M44	8M	530A36	18C	897M39	40C
214M15	202	530A40	18D	905M31	41A
216M36	15AM	530M40	18	905M39	41B
220M07	1A	534A99	31	945A40	100C
230M07	1A	535A99	31	945M38	100
240M07	1B	605A32	16B		

REFERENCE SYMBOLS FOR TENSILE STRENGTH RANGES OF HARDENED AND TEMPERED MATERIAL
the various tensile strength rates for the different specifications have been designated with the reference symbols **P** to **Z**.

NOTE: Tensile strength is governed by ruling section of bar when being heat treated.

For further details please consult
BS970 : 1983 Part I

REFERENCE SYMBOL	TENSILE STRENGTH N/mm ²
P	550 - 700
Q	625 - 775
R	700 - 850
S	775 - 925
T	850 - 1000
U	925 - 1075

REFERENCE SYMBOL	TENSILE STRENGTH N/mm ²
V	1000 - 1150
W	1075 - 1225
X	1150 - 1300
Y	1225 - 1375
Z	1550 MIN