

Chapter 2 . . . STANDARD COLOUR SCHEME AND INDEX

General

1. Before material is accepted into Material Stores at R.A.F. Units, main or sub-contractor's works, it is to be marked to indicate effectively the specification with which it complies. The method to be used is the standard scheme set out in the following paragraphs.

2. The standard colour scheme has been devised as the best practicable means of attaining effectual identification. The use of two or more methods of identification is obviously inadmissible; consequently, materials entering Unit's stores are to bear the standard colouring, whether or not they have previously borne some other mark of identification.

3. The colour scheme as a means of identification is additional to the identification requirements called for in the respective Specifications.

4. Direct purchases of metallic materials by or for the Air Ministry normally call for the standard marking and specify its details.

5. Particulars of the complete standard colour scheme are given below. For convenience a reverse index, in which the colour combinations are given in alphabetical sequence, is also listed.

Steels—"En" series

6. War Emergency British Standard Schedule 970 introduced a limited number of steels, known as the "En" Series, which are intended to serve a comparatively large number of purposes. In allocating identification colours to this series of steels, the following principles have been adopted:—

(i) An "En" steel delivered in the heat-treated condition which complies with the mechanical test requirements of a B.S. or D.T.D. specification, irrespective of its composition, is to bear the colour identification of the B.S. or D.T.D. steel it represents. For example, En 16 or En 17 steels heat-treated to give S.11 mechanical properties are to bear the colours allocated to S.11 in the heat-treated condition, despite the fact that their compositions differ from that stipulated by S.11.

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(ii) Where an "En" steel has the same composition as, and complies with, the mechanical test requirements of a B.S. or D.T.D. specification, it is to bear the appropriate identification colour allocated to the B.S. or D.T.D. steel, irrespective of whether it is in the heat-treated or un-heat-treated condition. Thus En 9 steel is virtually the same material as that covered by S.70, and is, therefore, to bear the colour identification allotted to S.70.

(iii) Where an "En" steel approximates so nearly to the composition of a B.S. or D.T.D. specification steel as to be acceptable within the normal discretionary allowance permissible for an aircraft steel, it is deemed the same as the B.S. or D.T.D. steel, within the meaning of sub-paragraph (ii) above, and so has the same colour identification.

(iv) "En" steels which cannot be placed in any of the above categories, have a new colour identification allocated to them. To render such steels easily distinguishable, an entirely new colour scheme, consisting of four bands of two colours disposed alternately, is used.

Colours

7. The colours used are Black, Blue, Brown, Green, Red, White, Yellow, and (for En steels, and for aluminium and aluminium alloys to American specifications only) Grey and Orange.

8. Difficulties in identification may be caused by colour markings being rendered indistinct or obliterated by the effect of handling or weather conditions; the fading of colours may cause confusion. In order that colour markings may be as permanent as possible, especially where material has to be stocked in the open, the use of paint to specification D.T.D.260 is recommended. The most distinct shades are as follows:—

Colour	B.S. Specification 381	
	Shade No.	Description
Blue	4	Blue Azure
Brown	10	Light Brown
Green	21	Brilliant Green
Grey	31	Light Battleship Grey
Orange	57	Orange
Red	37	Signal Red
Yellow	55	Lemon Yellow

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Application

9. *Bars and tubes.*—Each bar and tube is to be painted at each end with the colour or colours indicated in the following manner:—

- For one colour 1 band 12 in. wide
- For two colours 2 bands each 6 in. wide
- For three colours 3 bands each 4 in. wide
- For four colours 4 bands each 3 in. wide

Note . . . As a war-time easement, marking of bars and tubes at one end only is acceptable.

10. *Sheets and strips.*—Each sheet and strip is identified by one of the following methods:—

(i) A band or bands of the required colours should be painted diagonally across the corner bearing the identification stamp marks. The width of the band or bands is to be in accordance with 9 (i) and the painting is to commence 6 inches from the corner, measured at right angles to the length of the band.

Sheets or strips less than 1 foot wide should be painted at one end in a similar manner to bars and tubes.

(ii) Each sheet and strip is to be painted with a disc of colour. For a single colour the disc is to be 3 inches in diameter, additional colours when required being applied in concentric annular rings $1\frac{1}{2}$ inches wide.

(iii) Sheets and flat strips are to be painted in the following way, which is suitable for large scale markings. The sheets are to be stacked and then slid endwise, so that $1\frac{1}{2}$ inches of the end of each sheet is exposed in addition to the whole surface of the top sheet. Bands of paint of the width required are then to be painted on the whole of the sheets in one operation, resulting in an identification mark $1\frac{1}{2}$ inches by 12 inches in size on each sheet. The paint is to be applied to the face of the sheet which bears the identification marks, and preferably adjacent to them.

B.S. Specification

In order to avoid the necessity for amending this schedule when there are new issues of specifications, the issue prefix number has been omitted, e.g., 3 S.11 is given as S.11.

Table 1—Brass, bronze, and copper

Number and Description	Colour
B.8—Phosphor Bronze, Cast Bars	Yellow
B.11—Brass Bars suitable for brazing or silver soldering	Brown
B.21—White Metal (88/8/4) Ingots (suitable for bearings)	Blue, white
B.22—White Metal (92/4/4) Ingots (suitable for bearings)	Red, white
B.S.S. No. 24, Part 5 (Spec. 12a)—Copper Bars	Black, yellow
B.S.S. No. 218—Brass Bars and Sections (suitable for forging)	Red, white
B.S.S. No. 249—Brass Bars (high speed screwing and turning)	Black
B.S.S. No. 250—High Tensile Brass Bars and Sections:—	
Grade A	Black, brown, white
Grade B	Brown, yellow, green
B.S.S. No. 251—Naval Brass (Admiralty Mixture) Bars and Sections (suitable for forging)	Blue
B.S.S. No. 265—Cold Rolled Brass Sheets, Strip and Foil Copper Content of 61.5%:—	
Annealed	Green
Quarter-hard	Yellow, black, yellow
Half-hard	Red
Hard	Blue
Extra Hard	Brown, yellow, brown
B.S.S. No. 266—Cold Rolled Brass Sheets, Strip and Foil Copper Content of 64%:—	
Annealed	Green, red
Quarter-hard	Red, yellow, red
Half-hard	Blue, red, green
Hard	Blue, brown
Extra Hard	Blue, black, red
B.S.S. No. 267—Cold Rolled Brass Sheets and Strip, Copper Content 68/72%	White, green, yellow
B.S.S. No. 369—Phosphor Bronze Bars and Rods	Green, yellow, green
B.S.S. No. 384—Phosphor Bronze Wire, Hard-drawn	Blue, white
B.S.S. No. 407—Phosphor Bronze Sheet and Strip:—	
407/1 (Half Hard)	Brown, blue, yellow
407/2 (Half Hard)	Blue, yellow, brown
B.S.S. No. 518—Medium-Hard Copper Strip, Bars and Rods for Electrical Purposes	Black, red
B.S.S. No. 885—Hard Drawn Seamless Brass Tubes	Blue, red
B.S.S. No. 886—Annealed Seamless Brass Tubes	Blue
B.S.S. No. 899—Cold Rolled Copper Sheets and Strips:—	
Half Hard	Yellow
Annealed	Green, red, green

Table 2—Aluminium and aluminium alloys

Number and Description	Colour
L.1.A—Aluminium Alloy Bars and Billets for Forging	Green, yellow
L.1.B—Aluminium Alloy Bars for Machining (not exceeding 3 inches) and Extruded Sections	Yellow
L.3—Wrought Light Aluminium Alloy Sheets and Strips:—	
Fully heat-treated	Yellow
As rolled	Green, yellow
L.4—Aluminium Sheets (hard)	Green
L.16—Aluminium Sheets (half-hard)	Blue
L.17—Aluminium Sheets (soft)	Black
L.25.A—Aluminium Alloy Bars and Billets for Forging	Red, black, white
L.30—98% Aluminium Notched Bars and Ingots	Black, green
L.31—99% Aluminium Notched Bars and Ingots	Red
L.34—99% Aluminium Bars and Sections	Black, red
L.36—(Section I) Aluminium Rods and Wires for Rivets	Blue
L.37—Aluminium Alloy Rivets:—	
(Section II) Rods and Wires for Rivets	Black, yellow
(Section III) Tubes for Rivets	Black, yellow
L.38—Aluminium Coated Aluminium Alloy Sheets and Strips:—	
Fully heat-treated	Blue, yellow
As rolled	Blue, red
L.39.A—Aluminium Alloy Bars and Billets for Forging (over 3 inches) ...	Green, red
L.39.B—Aluminium Alloy Bars for Machining (3 to 6 inches)	Brown, yellow
L.39.D—Aluminium Alloy Bars for Machining (6 to 8 inches)	Red, white, red
A.L.40.A—Aluminium Alloy, type A, Bars and Billets for Forging (up to 3 inches)	Blue, red, blue
A.L.40.B—Aluminium Alloy, type A, Bars for Machining (up to 3 inches) and Extruded Sections	Blue, green, blue
A.L.40 (Softened)—Aluminium Alloy, type A, Bars (up to 3 inches) and Extruded Sections	Red, black, red
A.L.40—(Solution treated but not aged)—Aluminium Alloy, type A, Bars for Machining (up to 3 inches) and Extruded Sections	Blue, white, brown
B.L.40.A—Aluminium Alloy, type B, Bars and billets for Forging (up to 3 inches)	White, red, white
B.L.40.B—Aluminium Alloy, type B, Bars for Machining (up to 3 inches) and Extruded Sections	White, green, white
B.L.40 (Softened)—Aluminium Alloy, type B, Bars (up to 3 inches) and Extruded Sections	Red, blue, red
B.L.40—(Solution treated but not aged)—Aluminium Alloy, type B, Bars for Machining (up to 3 inches) and Extruded Sections	Blue, yellow, blue
L.44—Soft Aluminium Alloy Extruded Bars and Sections (up to 3 inches) ...	Green, white
A.L.45.A—Aluminium Alloy, type A, Bars and Billets for Forging (over 3 inches)	Yellow, blue, yellow
A.L.45.B—Aluminium Alloy, type A, Bars for Machining (3 to 6 inches) ...	Blue, black, blue
A.L.45.D—Aluminium Alloy, type A, Bars for Machining (6 to 8 inches) ...	Blue, brown, blue
B.L.45.A—Aluminium Alloy, type B, Bars and Billets for Forging (over 3 inches)	Yellow, white, yellow
B.L.45.B—Aluminium Alloy, type B, Bars for Machining (3 to 6 inches) ...	White, blue, white
B.L.45.D—Aluminium Alloy, type B, Bars for Machining (6 to 8 inches) ...	White, brown, white
L.46—Soft Aluminium Alloy Sheets and Coils	Blue, green
A.L.47.A—Aluminium Coated Aluminium Alloy, type A, Sheets and Coils (Softened)	Yellow, red, yellow
A.L.47.B—Aluminium Coated Aluminium Alloy, type A, Sheets and Coils (Quenched)	Yellow, blue, yellow
A.L.47.C—Aluminium Coated Aluminium Alloy, type A, Sheets and Coils (Quenched and Aged)	Yellow, green, yellow
A.L.47—Aluminium Coated Aluminium Alloy, type A, Sheets and Coils (as rolled)	Red, yellow, red
B.L.47.A—Aluminium Coated Aluminium Alloy, type B, Sheets and Coils (Softened)	Brown, red, brown
B.L.47.B—Aluminium Coated Aluminium Alloy, type B, Sheets and Coils (Quenched)	Brown, blue, brown
B.L.47.C—Aluminium Coated Aluminium Alloy, type B, Sheets and Coils (Quenched and Aged)	Brown, green, brown
B.L.47—Aluminium Coated Aluminium Alloy, type B, Sheets and Coils (as rolled)	Red, brown, red
B.S.S. No. 918—Aluminium Bars containing small proportions of Copper and Zinc	Green, yellow, red

Table 3—Steel

Number and Description	Colour
S.1—Bright Steel Bars	Yellow
S.1-N—High Sulphur Steel Bars for Nuts	Blue, white
S.1-N (Lead)—Lead-bearing High Sulphur Steel Bars for Nuts	White, blue, white
S.2—55-ton Alloy Steel Bars	Red
S.3—Hot Rolled Mild Steel Sheets (for welding)	Green
S.4—5% Nickel Steel Sheets (not suitable for welding)	Red
S.6.A—“40” Carbon Steel Bars for Forging	Brown, green
S.6.B—“40” Carbon Steel Bars for Machining	Green
S.11.A—Nickel Chrome Steel Bars for Forging	Red, yellow
S.11.B—55-ton Nickel Chrome Steel Bars for Machining	Red, blue, red
S.14.A—Carbon Case-hardening Steel Bars for Forging	Green, yellow
S.14.B—Carbon Case-hardening Steel Bars for Machining	Brown, yellow
S.15.A—3% Nickel Case-hardening Steel Bars for Forging	Brown, yellow, brown
S.15.B—3% Nickel Case-hardening Steel Bars for Machining	Yellow, brown, yellow
S.20—Tinned Steel Sheets	Black, green
S.21—“20” Carbon Steel	Blue, yellow
S.24—Bright Steel Bars for Keys	Green, red
S.28.A—Air-hardening Nickel Chrome Steel Bars for Forging	Blue, red
S.28.B—Air-hardening Nickel Chrome Steel Bars for Machining	Blue, red, yellow
S.61.A—High Chromium Steel (non-corroding) 35 tons Bars for Forging	Black, yellow, red
S.61.B—High Chromium Steel (non-corroding) 35 tons Bars for Machining	Brown, yellow, red
S.62.A—High Chromium Steel (non-corroding) 46 tons Bars for Forging	Yellow, red, yellow
S.62.B—High Chromium Steel (non-corroding) 46 tons Bars for Machining	Yellow, black, yellow
S.65.A—Nickel Chrome Steel Bars for Forging	Blue, black, red
S.65.B—65-ton Nickel Chrome Steel Bars for Machining	Brown, red
S.67.A—5% Nickel Case-hardening Steel Bars for Forging	Blue, yellow, brown
S.67.B—5% Nickel Case-hardening Steel Bars for Machining	Blue, red, brown
S.68.A—16% Tungsten Steel Bars for Forging	Black, yellow
S.69.A—3½% Nickel Steel Bars for Forging	Blue, green, blue
S.69.B—3½% Nickel Steel Bars for Machining	Blue
S.70.A—“55” Carbon Steel Bars for Forging	Blue, green
S.71.A—“30” Carbon Steel Bars for Forging	Brown, green, brown
S.71.B—“30” Carbon Steel Bars for Machining	Yellow, green, yellow
S.76.A—“40” Carbon Steel Bars for Forging	Green, red, green
S.76.B—“40” Carbon Steel Bars for Machining	Green, blue, green
S.77.A—“30” Carbon Steel Bars for Forging	Yellow, blue, yellow
S.77.B—“30” Carbon Steel Bars for Machining	Brown, blue, brown
S.79.A—“55” Carbon Steel Bars for Forging	Blue, red, green
S.80.A—High Chromium Steel (non-corroding) Bars for Forging	Black, yellow, brown
S.80.B—High Chromium Steel (non-corroding) Bars for Machining	Brown, black, red
S.81.A—65/75 ton Nickel Chromium Steel Bars and Billets for Forging and Drop Forging	Black, blue
S.81.B—65/75 ton Nickel Chromium Steel Bars for Machining	Black, brown
S.82.A—Nickel Chromium Case-hardening Steel Bars and Billets for Forging and Drop Forging	Red, brown, yellow
S.82.B—Nickel Chromium Case-hardening Steel Bars for Machining	Green, red, yellow
S.84—Low Carbon Steel Sheets and Strips	Black green, blue
S.85—Non-corrodible Steel Sheets	Black, green, brown
S.86.A and B—Nickel Chromium Steel Sheets and Strips (40/50 Tons 0·1 per cent. Proof Stress) (Softened Sheets and Strips)	Blue, brown, blue
S.86.C—Nickel Chromium Steel Sheets and Strips (40/50 tons 0·1 per cent. Proof Stress) (Strips Hardened and Tempered, Cold Rolled, and Cold Rolled and afterwards Tempered)	Brown, green, white
S.87.B—Nickel Chromium Steel Strips (55/65 Tons 0·1 per cent. Proof Stress) (Softened Strips)	Blue, yellow, blue
S.87.C—Nickel Chromium Steel Strips (55/65 Tons 0·1 per cent. Proof Stress) (Hardened and Tempered Strips)	Brown, red, brown
S.88.B—High Tensile Nickel Chromium Steel Strips (65/75 Tons 0·1 per cent. Proof Stress) (Softened Strips)	Green, black, white
S.88.C—High tensile Nickel Chromium Steel Strips (65/75 Tons 0·1 per cent. Proof Stress) (Hardened and Tempered Strips)	Brown, yellow, green
S.90—High tensile 5 per cent. Nickel Case-Hardening Steel	Blue, white, yellow
B.S.S. No. 15—Mild Steel for Building Construction and General Purposes	Green, brown, yellow
B.S.S. No. 32—Steel Bars—	
Grade 1	Brown, black, brown
Grade 2	Green, white, green
Grade 4	Red, brown, white

Table 3—Steel—continued

Number and Description	Colour
B.S.S. No. 51 —Wrought Iron Grade "B"	Green, black, green
B.S.S. No. 5005/101 —"15" Carbon Case-hardening Steel	White, brown, yellow
B.S.S. No. 5007/214 —Cold Rolled Mild Steel Sheet	Green, brown, green
B.S.S. No. 5007/215 —Hot-rolled Mild Steel Sheets	Yellow
B.S.S. No. 847 —Cold Rolled Mild Steel Strip—	
Temper (a) Hard	Green, black, green
Temper (b) Medium Soft	Green, blue, green
Temper (c) Soft	Green, yellow, green
Temper (d) Deep Drawing	Green, red, green

Table 4—Tubes

Number and Description	Colour
T.1 —35-ton Steel Tubes	Green
T.2 —85-ton Nickel Chromium Steel Tubes (primarily for use as axle tubes)... ..	Red
T.4 —Wrought Light Aluminium Alloy Tubes	Yellow
T.4X —Aluminium Alloy Tubes in D.T.D.364A type material verified as complying with the mechanical test requirements of B.S. Specification T.4	Black, yellow, black
T.7 —Seamless Copper Tubes, for Oil, Petrol, Gas Starters and general purposes	White
T.9 —Aluminium Tubes... ..	Black
T.26 —Mild Steel Tubes—	
(Section II) Half-hard	Blue, yellow
(Section III) Softened	Red, yellow
T.35 —35-ton Steel Tubes (suitable for welding)	Black, brown, black
T.45 —45-ton Steel Tubes (suitable for welding)	Black, brown, blue
T.47 —Brass Tubes for Honeycomb Type Radiators	Yellow
T.50 —50-ton Steel Tubes	Brown, yellow
T.51 —High Pressure Seamless Copper Tubes	Black
T.52 —Hard Drawn Phosphor-bronze and Phosphorous Deoxidised Bronze Tubes	Red, yellow

Table 5—Solders

Number and Description	Colour
B.S.S. No. 219 —Solder, Grade "A"	Blue
B.S.S. No. 219 —Solder, Grade "B"	Yellow
B.S.S. No. 219 —Solder, Grade "C"	Black
B.S.S. No. 219 —Solder, Grade "D" (Plumbers')	Brown
B.S.S. No. 219 —Solder, Grade "G"	Green
B.S.S. No. 219 —Solder, Grade "M"	Red

Table 6—Steel (En Series)

Number and Description	Colour
B.S.S. 970 —	
En 1	Colours as for B.S.S.32, grade 4
En 2	Orange, green, orange, green

Table 6—Steel (En series)—continued

Number and Description	Colour
En 3	Colours as for S.21
En 4	Colours as for S.71
En 5	Colours as for S.77
En 6	Colours as for S.1
En 7	Colours as for S.1—N
En 8	Colours as for S.6
En 9	Colours as for S.70
En 10	Colours as for S.79
En 11—Not yet used for aircraft purposes	
En 12	Colours as for S.76
En 13	Colours as for D.T.D.510
En 14	Colours as for D.T.D.126
En 15—Heat-treated Bars	White, black, white
En 15—Un-heat-treated Bars	Grey, blue, grey, blue
En 16—Heat-treated Bars	Appropriate colours as for S.11, S.69, etc.
En 16—Un-heat-treated Bars	Orange, grey, orange, grey
En 17—Heat-treated Bars	Appropriate colours as for S.2, S.11, etc.
En 17—Un-heat-treated Bars	Orange, blue, orange, blue
En 18	Colours as for D.T.D.461
En 19	Colours as for D.T.D.470
En 20—Not yet used for aircraft purposes	
En 21—Not yet used for aircraft purposes	
En 22	Colours as for S.69
En 23	Colours as for S.11
En 24—Heat-treated Bars	Appropriate colours as for S.2, S.11, S.28, etc.
En 24—Un-heat-treated Bars	Orange, black, orange, black
En 25—Heat-treated Bars	Appropriate colours as for S.65, S.81, etc.
En 25—Un-heat-treated Bars	Orange, brown, orange, brown
En 26—Heat-treated Bars	Appropriate colours as for S.28, D.T.D.331, etc.
En 26—Un-heat-treated Bars	Orange, white, orange, white
En 27	Colours as for S.81
En 28	Colours as for D.T.D.331
En 29—Steel to En 40 will normally be used in place of this steel	
En 30	Colours as for S.28
En 31—Un-heat-treated Bars	Grey, black, grey, black
En 32	Colours as for S.14
En 33	Colours as for S.15
En 34—Un-heat-treated Bars	Grey, brown, grey, brown
En 35—Not yet used for aircraft purposes	
En 36—Un-heat-treated Bars	Grey, green, grey, green
En 37	Colours as for S.67
En 38	Colours as for S.90
En 39	Colours as for S.82
En 40—Heat-treated Bars	Colours as for D.T.D.306 or 317
En 40—Un-heat-treated Bars	Colours as for D.T.D.306
En 41	Colours as for D.T.D.87
En 42—Not yet used for aircraft purposes	
En 43—Not yet used for aircraft purposes	
En 44—Not yet used for aircraft purposes	
En 45	Colours as for D.T.D.115
En 46—Not yet used for aircraft purposes	
En 47—Not yet used for aircraft purposes	

Table 6—Steel (En series)—continued

Number and Description	Colour
En 48—Not yet used for aircraft purposes	Colours as for D.T.D.5
En 49	Colours as for D.T.D.4
En 50	
En 51—Not yet used for aircraft purposes	
En 52	Colours as for D.T.D.13
En 53	Colours as for D.T.D.311
En 54	Colours as for D.T.D.49
En 55	Colours as for D.T.D.282
En 56	Colours as for S.62
En 57	Colours as for S.80
En 58	Colours as for D.T.D.176
En 100—Un-heat-treated Bars	Blue, brown, blue, brown
Heat-treated Bars	Appropriate colours as for S.2, S.11, etc.
En 101—Un-heat-treated Bars	Blue, green, blue, green
En 102—Un-heat-treated Bars	Blue, white, blue, white
En 110—Un-heat-treated Bars	Blue, red, blue, red
Heat-treated Bars	Appropriate colours as for S.2, S.11, etc.

American Specifications for Aluminium and Aluminium Alloys

Table 7

For each American specification the colours allocated may be used irrespective of form, *i.e.*, Bar Sheet, Tube, etc., as appropriate.

Number and Description	Colour
2SO—Aluminium (Softened)	Orange, black
2S½H—Aluminium (Half-hard)	Orange, black, green
2SH—Aluminium (Hard)	Orange, black, brown
3SO—Aluminium Alloy (Softened)	Orange, green, red
3S½H—Aluminium Alloy (Half-hard)	Orange, green, blue
3S¾H—Aluminium Alloy (Three-quarters hard)	Orange, green, brown
17ST—Aluminium Alloy (Solution-treated and aged)	Orange, yellow
24ST—Aluminium Alloy (Solution-treated and aged)	Red
Alclad 24ST—Aluminium Alloy (Solution-treated and aged)	Orange, red, black
52SO—Aluminium Alloy (Softened)	Orange, white, blue
52S½H—Aluminium Alloy (Half-hard)	Orange, white, green
53SO—Aluminium Alloy (Softened)	Orange, blue, red
53ST—Aluminium Alloy (Solution-treated and aged)	Orange, blue
57SO—Aluminium Alloy (Softened)	Orange, brown, red
57SH—Aluminium Alloy (Hard)	Orange, brown, green

Table 8

In certain instances material of a composition stipulated by an American specification has been proved to comply with the mechanical properties required by a British specification and a special colour identification has been allocated as under:—

Number and Description	Colour
17S—Aluminium Alloy Bars for Forging:— Up to 3 inches diameter (verified as complying with the mechanical test requirements of B.S. Specification L1A)	Green, yellow
Over 3 inches diameter (verified as complying with the mechanical test requirements of B.S. Specification L39A)	White, yellow
17ST—Aluminium Alloy Tubes (verified as complying with the mechanical test requirements of B.S. Specification T4)	Yellow

D.T.D. Specifications

In order to avoid the necessity for amending this schedule when there are new issues of specifications, the issue suffix number has been omitted, e.g., D.T.D.130A is given as D.T.D.130.

Table 9

Number and Description	Colour
D.T.D.4—Chromium-Vanadium Steel for Valve Springs	Red, green, red
D.T.D.5—Hard-drawn Carbon Steel for Valve Springs	Black, green
D.T.D.6—Cobalt-Chromium Valve Steel	Red, brown, red
D.T.D.10—High Nickel-Copper Alloy Sheets	Blue, red
D.T.D.13—Silicon-Chromium Valve Steel	Green, brown, green
D.T.D.30—Bronze Bars for Carburettor Needle Seatings	Brown, white
D.T.D.39—Non-corrosive Low Tensile Steel Sheets	Blue
D.T.D.41—Mild Steel Tubes suitable for Welding... ..	Yellow
D.T.D.46—Non-corrosive Steel Strip of 65 tons Proof Stress	Brown
D.T.D.49—High Nickel High Chromium Steel for Valves	Red, yellow, red
D.T.D.53—Non-corrosive Low Tensile Steel Bar	Black, yellow, black
D.T.D.59—Magnesium Alloy Ingots	Green
D.T.D.60—High Chromium Non-corrodible Sheets and Strips:— (Sections II and III) Softened	Blue, black, blue
(Section IV) Hardened and Tempered	Black, blue, yellow
D.T.D.61—Chromium-Nickel Non-corrosive Welding Rod	Yellow
D.T.D.82—Iron or Mild Steel Wire for Welding purposes	Blue, green, yellow
D.T.D.87—55/65-ton Chromium Aluminium-Molybdenum Steel (suitable for nitrogen hardening):— (Section II) Bars and Billets for Forging	Red, black, red
(Section III) Bars for Machining	Blue, black, white
D.T.D.97—Low Tensile Non-corrosive Steel Tubes	Black, yellow, red
D.T.D.102—35-ton Non-corrosive Steel Tubes	Blue, green
D.T.D.115—Silico-Manganese Steel Bars	Green, black, red
D.T.D.118—Magnesium Alloy Sheets (suitable for welding)	Black, blue, red
D.T.D.120—Magnesium Alloy Sheets (suitable for welding)	Black, brown, red
D.T.D.124—Hot Rolled or Cold Rolled Carbon Steel Sheets and Strips:— (Sections II and IV) Softened	Green, red, white
(Sections III and V) Hardened and Tempered or Cold Rolled and Tempered	Green, blue, red
D.T.D.126—Carbon Steel Bars (suitable for welding):— (Section II) Bars and Billets for Forging	Brown, green, yellow
(Section III) Bars for Machining	Black, white
D.T.D.130—(Solution treated but not aged)—Aluminium Alloy Bars for Machining (up to 3 inches) and Extruded Sections	Red, blue, yellow
D.T.D.130—Aluminium Alloy Bars, Extruded Sections and Forgings:— (Section II) Bars and Billets for Forging (up to 3 inches)	Green, red, yellow
(Section III) Bars for Machining (up to 3 inches) and Extruded Sections	Red, black, yellow
D.T.D.136—Magnesium Alloy Ingots	Red
D.T.D.137—Hot Rolled or Cold Rolled Carbon Steel Sheets and Strips of 50/65 tons 0.1 per cent. Proof Stress:— (Section II and III) Softened Sheet and Strips	Green, blue, white
(Section IV) Strips Hardened and Tempered, Cold Rolled, and Cold Rolled and afterwards Tempered	Brown, blue, red
D.T.D.138—Hot Rolled or Cold Rolled Carbon Steel Sheets and Strips:— (Sections II and III) Softened	White, black, white
(Section IV) Hardened and Tempered	Blue, green, red
D.T.D.140—Magnesium Alloy Ingots	Black
D.T.D.142—Magnesium Alloy Bars (15 tons tensile strength)	Black, blue, red
D.T.D.146—High Chromium Non-corrodible Steel Sheet and Strip of 30 tons Proof Stress	Brown, green, red
D.T.D.153—Bright Steel Bars for Pins and High Tensile Bolts	Black, red, yellow
D.T.D.155—Hard Rolled Bronze (Gun Metal) Bars	Black, white
D.T.D.158—Non-corrodible Steel Strips of 35 tons Proof Stress	Black, yellow, green
D.T.D.160—Aluminium Bronze for Valve Seats	White, yellow
D.T.D.161—Non-corrodible Steel Rods, Wire, Rivets and Split Pins	Brown, yellow, white
D.T.D.164—Aluminium-Nickel-Iron Bronze Bars	Black, blue, white
D.T.D.166—Chromium-Nickel Non-corrodible Steel Sheet and Strip of 40/50 tons 0.1 per cent. Proof Stress	Black, blue
D.T.D.167—45-Ton Steel Tubes	Blue, yellow, red

Table 9—continued

Number and Description	Colour
D.T.D.168 —High Chromium Non-corrodible Steel Sheets and Strips of 60 tons 0·1 per cent. Proof Stress:— (Sections II and IV) Softened Sheets and Strips (Sections III and V) Hardened and Tempered Sheets and Strips	Green, black, yellow Black, blue, brown Black, red
D.T.D.171 —Chromium-Nickel Non-corrodible Steel Sheet and Strip of 15 tons 0·1 per cent. Proof Stress	
D.T.D.176 —Chromium-Nickel Non-corrodible Steel of 15 tons 0·1 per cent Proof Stress:— (Section II) Bars and Billets for Forging (Section III) Bars for Machining (not exceeding 2½ inches)	Green, yellow, white Black, red
D.T.D.178 —Chromium-Molybdenum Steel Tubes (suitable for welding) ...	Black, green, yellow
D.T.D.182 —7% Magnesium-Aluminium Alloy Sheets and Strips (annealed) ...	Brown, white, yellow
D.T.D.185 —High Chromium Non-corrodible Steel Rods and Tubes	Black, white, blue
D.T.D.186 —7% Magnesium-Aluminium Alloy Tubes (hard)	Brown, black, yellow
D.T.D.187 —Spring Steel Strips:— (Section II) Softened Strips (Section III) Hardened and Tempered Strips	Black, green, red Blue, black, yellow
D.T.D.188 —55/65 Ton Carbon Steel:— (Section II) Bars and Billets for Forging (Section III) Bars for Machining	Blue, brown, green Blue, brown, white
D.T.D.189 —Chromium-Nickel Non-corrodible Steel Rods	Black, white, brown
D.T.D.190 —7% Magnesium-Aluminium Alloy Tubes (annealed)	Brown, white, yellow
D.T.D.192 —High Nickel-Copper Alloy Hot Rolled or Forged Bars Stampings and Forgings	Black, red, blue
D.T.D.195 —Non-corrodible Steel Strip of 55 tons 0·1 per cent. Proof Stress:— (Section II) Softened Strips (Section III) Hardened and Tempered Strips	Brown, red, white Blue, brown Blue, red, white
D.T.D.196 —Cold Rolled or Cold Drawn and Annealed High Nickel-Copper Alloy Bars (suitable for cold bendings)	
D.T.D.197 —Aluminium-Nickel-Iron Bronze Bars, Forgings and Stampings ...	Black, yellow, white
D.T.D.198 —(Section I) Magnesium-Aluminium Alloy Rods and Wires for Rivets	Brown, green, brown
D.T.D.199 —50-ton High Chromium Non-corrodible Steel Tubes	Brown, black, red
D.T.D.200 —Hard-drawn High Nickel-Copper Alloy Bars and Strips	Black, red, white
D.T.D.203 —50-ton Non-Corrodible Steel Tubes	Black, brown, white
D.T.D.204 —High Nickel-Copper Alloy Rods, Wire and Tubes:— (Section II) Rods and Wires for Rivets (Section III) Tubes for Rivets	Black, white, green Black, white, green Black, red
D.T.D.207 —35-ton Chromium-Nickel Non-corrodible Steel Tubes	Yellow, white, yellow
D.T.D.208 —Cadmium-Copper Alloy Strips	Black, blue, green
D.T.D.211 —50-ton Chromium-Nickel Non-corrodible Steel Tubes	Black, red, blue
D.T.D.213 —Aluminium-Manganese Alloy Sheets and Coils	Green, white
D.T.D.214 —White Metal Ingots	Green
D.T.D.215 —High Tensile Steel Wire	Brown, red
D.T.D.217 —Cadmium Alloy Ingots	Blue, white
D.T.D.220 —Wrought Light Aluminium Alloy Tubes	White
D.T.D.221 —Cadmium Zinc Solder	Red, brown, white
D.T.D.225 —High Chromium Non-corrodible Steel Sheets and Strips of 20 tons 0·1 per cent. Proof Stress	
D.T.D.228 —55/65-ton Nickel-Chromium-Molybdenum Steel:— (Section II) Bars and Billets for Forging (Section III) Bars for Machining	Blue, black, brown Blue, black, green Black, white, yellow
D.T.D.229 —Lead Bronze Ingots and Bars	Red, white, red
D.T.D.232 —45% Nickel Alloy Sheets and Strips of 40/50 tons 0·1 per cent. Proof Stress	
D.T.D.237 —45% Nickel Alloy Sheets and Strips of 15 tons 0·1 per cent. Proof Stress	Red, white, yellow
D.T.D.239 —Steel Wire for Springs (not suitable for engine valve springs) ...	Green, brown, white
D.T.D.241 —High Carbon Steel Strips	Red, blue, white
D.T.D.247 —High Thermal Expansion Steel (suitable for valve seats):— (Section II) Bars and Billets for Forging (Section III) Bars for Machining	Blue, green, white Blue, red, blue
D.T.D.253 —Aluminium-Nickel-Silicon Brass Tubes	Red, green, white
D.T.D.254 —75-ton Nickel-Chromium Steel Tubes	Black, brown, yellow
D.T.D.259 —Magnesium Alloy Bars	Black, red, yellow
D.T.D.261 —Alloy Steel Bars	Blue, yellow, white
D.T.D.263 —Silicon-Brass Sheets (annealed)	Brown, black, green
D.T.D.265 —Hard Drawn Phosphor-Bronze Bars and Tubes (suitable for bushes)	Blue, black, white

Table 9—continued

Number and Description	Colour
D.T.D.267—Silicon-Brass Sheets (half hard)	Brown, black, white
D.T.D.268—45% Nickel Alloy Rods and Tubes	Black, white, red
D.T.D.271—Non-corrodible Steel Strips (suitable for Magneto Contact Breaker Springs)	White, black, yellow
D.T.D.273—Aluminium Alloy Tubes	White, green, yellow
D.T.D.274—Lead Bronze Ingots and Bars	Brown, blue, white
D.T.D.282—High Chromium Steel (Bars or Billets for) Valve Forgings ...	White, green, white
D.T.D.283—Aluminium-Nickel-Silicon Brass Sheets (annealed)	White, blue, white
D.T.D.286—55/65-ton Chromium-Aluminium-Molybdenum Steel (suitable for nitrogen hardening):—	
(Section II) Bars and Billets for Forging	Brown, white, brown
(Section III) Bars for Machining	Brown, white, red
D.T.D.297—7 per cent. Magnesium-Aluminium Alloy Bars, Extruded Sections and Forgings (Softened):—	
(Section II) Bars and Billets for Forging	Black, blue, black
(Section III) Bars for Machining and Extruded Sections ...	Black, brown, green
D.T.D.299—Mild Steel Bars, Forgings and Tubes (suitable for Bearing Shells)	Black, green, white
D.T.D.301—High Chromium Non-corrodible Steel Tie Rods (Swaged):—	
(Section I) Steel Rod for Tie Rods	Black, brown, red
D.T.D.303—5 per cent. Magnesium-Aluminium Alloy wire and Rivets ...	Black, yellow, blue
D.T.D.305—30-ton Carbon Steel Tubes	White, brown, white
D.T.D.306—60/70-ton Chromium-Molybdenum Steel (suitable for nitrogen hardening):—	
(Section II) Bars and Billets for Forging	Blue, brown, red
(Section III) Bars for Machining	Brown, red, green
D.T.D.307—Silicon-Brass Tubes (annealed)	Green, brown, red
D.T.D.310—Soft Aluminium Alloy Tubes (suitable for Oil, Petrol, Gas Starters and general purposes)	White, brown, yellow
D.T.D.311—Silicon-Chromium Steel (Bars or Billets for) Valve Forgings or Stampings	Green, brown, red
D.T.D.312—Hard Drawn Silicon-Brass Tubes	Green, white, green
D.T.D.316—Chromium-Nickel Alloy Sheets and Strips of 10 tons 0.1 per cent. Proof Stress	Green, white, red
D.T.D.317—45/55-ton Chromium-Molybdenum Steel (suitable for nitrogen hardening)	Green, white, yellow
D.T.D.318—Tin-Iron Brass Tubes	White, green, white
D.T.D.319—Aluminium-Nickel-Silicon Brass Bars	Black, green
D.T.D.323—Aluminium-Nickel-Silicon Brass Tubes (medium pressure) ...	White, red, white
D.T.D.325—Magnesium Alloy Ingots	White
D.T.D.327—Aluminium Alloy Wire and Rivets	White, red, yellow
D.T.D.328—Nickel-Chromium-Iron Alloy Sheets and Strips	White, yellow, white
D.T.D.330—Soft Iron Sheets and Strips (suitable for electrical purposes) ...	Black, blue, green
D.T.D.331—80/90-ton Nickel-Chromium Steel:—	
(Section II) Bars and Billets for Forging	Black, green, black
(Section III) Bars for Machining (not exceeding 2½ inches diameter)	Black, green, yellow
D.T.D.341—Nickel-Copper Alloy Tubes for honeycomb type Radiators ...	Red, black, red
D.T.D.346—Soft Aluminium Alloy Sheets and Strips	Brown, white, green
D.T.D.347—50-ton Manganese-Molybdenum or Chrome-Molybdenum Steel Tubes (suitable for welding)	Blue, brown
D.T.D.348—Magnesium Alloy Tubes for Lightly Stressed Parts (suitable for Welding)	Black, blue, white
D.T.D.354—Chromium-Bronze Bars, Extruded Sections and Tubes	Blue, green, red
D.T.D.356—Wrought Light Aluminium Alloy Sheets and Strips:—	
(Section II) Softened Sheets and Strips	Black, brown, black
(Section III) Quenched Sheets and Strips	Black, brown, blue
(Section IV) Quenched and Aged Sheets and Strips ...	Black, brown, green
As rolled	Green, red
D.T.D.359—45-ton Manganese-Molybdenum or Chrome-Molybdenum Steel Tubes (suitable for welding):—	
(Section II) Annealed	Brown, red
(Sections III and IV) Normalised or Cold Drawn and Blued	White, yellow
D.T.D.363—Aluminium Alloy Bars (Extruded or Rolled) and Extruded Sections	Brown, blue, brown
D.T.D.363—(Solution treated but not aged)—Aluminium Alloy Bars (Extruded or Rolled) and Extruded Sections	Brown, green, brown
D.T.D.364—(Solution treated but not aged)—Aluminium Alloy Bars for Machining and Extruded Sections	Green, brown, red

Table 9—continued

Number and Description	Colour
D.T.D.364 —Aluminium Alloy Bars and Forgings:— (Section II) Bars and Billets for Forging (Section III) Bars for Machining and Extruded Sections ...	Black, brown, black Green, brown, green
D.T.D.367 —Aluminium-Nickel-Silicon Brass Wire and Rivets:— (Section I) Rods	White, blue, white
D.T.D.390 —Aluminium Coated Aluminium Alloy Sheets and Strips:— Annealed Heat-treated and Aged As rolled	Red, green, red Red, blue, red Black, red Yellow, red, yellow
D.T.D.404 —(Section I) Hard Drawn High Tensile 7% Magnesium-Aluminium Alloy Rods and Wires for Rivets	
D.T.D.408 —75-ton Manganese-Molybdenum or Chrome-Molybdenum Steel Tubes (suitable for welding):— (Section II) Annealed (Sections III and IV) Hardened and Tempered	Black, green Red, white
D.T.D.410 —Aluminium Alloy Bars and Forgings:— (Section II) Bars and Billets for Forging (over 3 inches) (Section III) Bars for Machining (3 to 6 inches) (Section V) Bars for Machining (6 to 8 inches)	Blue, white, yellow Brown, black, white Green, white, red Brown, yellow, red
D.T.D.422 —Lead Bronze Ingots and Bars (suitable for bearings)	Red, yellow, red
D.T.D.423 —(Solution treated but not aged)—Aluminium Alloy Bars for Machining and Extruded Sections	
D.T.D.423 —Aluminium Alloy Extruded Sections and Bars for Machining:— (Section II) Bars and Billets for Forging (Section III) Bars for Machining and Extruded Sections ...	Green, black, red Red, yellow
D.T.D.432 —Commercial Quality 20-ton Steel Tubes:— (Section II) Coils for Manufacture of Tubes (Section III) Half Hard Tubes (Section IV) Softened Tubes	Brown, red, yellow Red, black, white Red, blue, yellow Red, white, yellow
D.T.D.440 —11/15 Aluminium Alloy Tubes	
D.T.D.443 —Aluminium Alloy Bars, Extruded Sections and Forgings:— (Section II) Bars and Billets for Forging (Section III) Bars for Machining and Extruded Sections ...	White, blue, yellow Red, brown, red Red, blue, white Blue, yellow, blue
D.T.D.450 —10/17 Aluminium Alloy Tubes	
D.T.D.460 —18/22 Aluminium Alloy Tubes	
D.T.D.461 —55/65-ton 1 per cent. Chromium Steel:— (Section II) Bars for Forging (Section III) Bars for Machining	Black, blue, white Black, brown, blue
D.T.D.463 —55/70-ton Non-Corrosible Steel:— (Section II) Bars and Billets for Forging (Section III) Bars for Machining	Brown, blue, red Black, blue, red
D.T.D.464 —Aluminium Alloy Tubes:— Solution-treated Solution-treated and Aged	Black, green, white Black, blue, yellow
D.T.D.470 —55/65-ton Chromium-Molybdenum Steel:— (Section II) Bars for Forging (Section III) Bars for Machining	Black, brown, yellow Brown, blue, white
D.T.D.473 —75/85-ton Nickel-Chromium-Molybdenum Steel:— (Section II) Bars and Billets for Forgings (Section III) Bars for Machining	Blue, green, yellow Blue, brown, blue Blue, green Blue
D.T.D.477 —High Nickel-Copper Alloy Tubes	
D.T.D.478 —99 per cent. Secondary Aluminium Notched Bars and Ingots for Re-melting	Yellow
D.T.D.479 —Secondary Aluminium Alloy Notched Bars and Ingots for Re-melting	
D.T.D.480 —55/65-ton 1½ per cent. Nickel-Chromium-Molybdenum Steel:— (Section II) Bars for Forging (Section III) Bars for Machining	Black, yellow, green Black, red, green
D.T.D.487 —Aluminium-Copper-Nickel Alloy Cold Headed Bolts:— (Section II) Rod and Wire	Red, green, red Brown, black, green
D.T.D.489 —Chrome-Nickel Heat Resisting Steel Rods and Wire (suitable for welding and for Split Pins)	
D.T.D.490 —55/65-ton 2½ per cent. Nickel-Chromium-Molybdenum Steel (Medium Carbon):— (Section II) Bars for Forging (Section III) Bars for Machining	Black, yellow, white Brown, white, green Brown, black, white Black, white, yellow
D.T.D.491 —Chromium-Nickel Heat Resisting Steel Tubes (suitable for welding)	
D.T.D.493 —Chromium-Nickel Heat Resisting Steel Sheets and Coils (suitable for welding)	

Table 9—continued

Number and Description	Colour
D.T.D.498 —Silicon-Nickel-Copper Alloy Bars and Forgings:— Bars and Billets for Forging Bars for Machining	Black, yellow, red Blue, red, green
D.T.D.500 —80/90-ton 2½ per cent. Nickel-Chromium-Molybdenum Steel (High Carbon):— (Section II) Bars for Forging (Section III) Bars for Machining	Blue, green, brown Blue, brown, yellow
D.T.D.501 —Commercial Quality 35-ton Steel Tubes	Brown, green, white
D.T.D.503 —Steel Tubes (suitable for high-pressure hydraulic systems)	Yellow, white, yellow
D.T.D.504 —Silicon-Nickel-Copper Alloy Bars	Green, red, green
D.T.D.507 —Commercial Quality 40-ton Non-corrodible Steel Tubes (suitable for welding):— (Section II) Coils for Manufacture of Seam Welded Tubes (Section III) Seam Welded or Solid Drawn Tubes	Red, green, white Black, red, white
D.T.D.510 —40/50-ton Manganese-Nickel Molybdenum Steel:— (Section II) Bars for Forging (Section III) Bars for Machining	Brown, blue, green Black, red, brown
D.T.D.519 —3 per cent. Nickel Chromium Case-Hardening Steel	Green, white
D.T.D.520 —23/27 Aluminium Alloy Tubes	Brown, red, brown
D.T.D.525 —45/55-ton Non-corrodible Steel, free machining:— (Section II) Bars and Billets for Forging (Section III) Bars for Machining	Blue, white, brown Blue, white, green
D.T.D.529 —Chromium-Nickel, Heat-resisting Steel Bars and Forgings:— (Section II) Bars and Billets for Forgings (Section III) Bars for Machining	Brown, green, red Brown, red, brown
D.T.D.535 —Commercial Quality 35-ton Steel Tubes (suitable for welding)	Blue, red, brown
D.T.D.545 —Commercial Quality 45-ton Steel Tubes (suitable for welding)	Blue, green, yellow
D.T.D.546 —Aluminium-coated High Tensile Aluminium Alloy Sheets and Coils:— Solution-treated and artificially aged	Blue, red, blue Red, white, red
D.T.D.549 —Chromium-Nickel Non-corrodible Steel Welding Rods and Wires	
D.T.D.551 —3 per cent. Chromium-Molybdenum Steel Thrust Rings (Nitrogen hardened):— Bars for manufacture	Brown, black, white Red, blue, red
D.T.D.563 —Commercial Quality 35-ton Steel Tubes (suitable for welding)	
D.T.D.569 —55/65-ton Manganese Molybdenum Steel Pressings (Section II):— Plates for Pressing	Green, white, green Blue, white, red
D.T.D.571 —Chromium-Nickel Non-corrodible Steel Sheets, Coils, Tubes and Wire (suitable for welding)	
D.T.D.578 —35-ton Chrome Molybdenum Steel Tube (suitable for welding)	Red, green, yellow
D.T.D.600 —55/65-ton Low Alloy Steel Bars for Machining (not exceeding 2½ inches diameter)	Green, white, red
D.T.D.603 —Aluminium Alloy Sheets and Coils:— Solution-treated and naturally aged Annealed As rolled	Black, yellow, black Red, white, red Green, yellow, green
D.T.D.604 —Brass Tube suitable for Low Pressure Hydraulic and similar systems	Black, red, black
D.T.D.609 —85-ton 4½ per cent. Nickel-Chromium Steel Bars (softened condition)	Blue, white, blue
D.T.D.610 —Aluminium-coated Aluminium Alloy Sheets and Coils:— Solution-treated and naturally aged Annealed As Rolled	Black, green Red, black, red Green, red, green
D.T.D.628 —Magnesium Alloy Ingots	Red, white
D.T.D.646 —High Tensile Aluminium Alloy Sheets and Coils:— Solution-treated and artificially aged	Brown, white, brown

Table 10—Tool steels

Number and Description	Colour
A.M.71 —Temper 1. Carbon Tool Steel	Red, blue, yellow
A.M.71 —Temper 2. Carbon Tool Steel	Blue, yellow, red
A.M.71 —Temper 3. Carbon Tool Steel	Green, yellow, red
A.M.71 —Temper 4. Carbon Tool Steel	Red, green, yellow
A.M.71 —Temper 5. Carbon Tool Steel	Red, black, yellow
A.M.71 —Tungsten Tool Steel, Grade "A"	Green, blue, yellow
A.M.71 —Tungsten Tool Steel, Grade "B"	Blue, yellow, green
A.M.71 —Silver Steel	Green, yellow, green

Table II—Colour Index

Colours	Specifications
Black Black, blue Black, blue, black Black, blue, brown Black, blue, green Black, blue, red Black, blue, white Black, blue, yellow	B.13, L.17, T.9, T.51, B.S.S.219 (Grade C), B.S.S.249, D.T.D.140 S.81A, D.T.D.166, D.T.D.275 (Annealed) D.T.D.297 (Section II) D.T.D.168 (Sections III and V) D.T.D.211, D.T.D.330 D.T.D.118, D.T.D.142, D.T.D.463 (Section III) D.T.D.164, D.T.D.348, D.T.D.461 (Section II) D.T.D.60 (Section IV), 464 (Solution treated and aged)
Black, brown... .. Black, brown, black Black, brown, blue Black, brown, green Black, brown, red Black, brown, white Black, brown, yellow	S.81.B, D.T.D.351 (Section II) T.35, D.T.D.356 (Section II), D.T.D.364 (Section II) T.45, D.T.D.356 (Section III), D.T.D.461 (Section III) D.T.D.297 (Section III), D.T.D.356 (Section IV) D.T.D.120, D.T.D.301 (Section I) D.T.D.203, B.S.S.250 (Grade A) D.T.D.254, D.T.D.470 (Section II)
Black, green Black, green, black Black, green, blue Black, green, brown Black, green, red Black, green, white Black, green, yellow	L.30, S.20, D.T.D.5, D.T.D.408 (Section II), D.T.D.610 (Solution treated and naturally aged), D.T.D.319 D.T.D.180, D.T.D.331 (Section II) S.84, D.T.D.293 (Section II) S.85, D.T.D.293 (Section III) D.T.D.187 (Section II) D.T.D.299, D.T.D.464 (Solution treated) D.T.D.178, D.T.D.331 (Section III)
Black, red Black, red, black Black, red, blue Black, red, brown Black, red, green Black, red, white Black, red, yellow	L.34, B.S.S.518, D.T.D.171, D.T.D.176 (Section III), D.T.D.207, D.T.D.390 (as rolled) L.45.D, D.T.D.175, D.T.D.604 D.T.D.192, D.T.D.213 D.T.D.270 (Heat-treated and aged), D.T.D.280, D.T.D.510 (Section III) D.T.D.275 (Heat-treated and aged), D.T.D.290, D.T.D.480 (Section III) D.T.D.200, D.T.D.507 (Section III) D.T.D.153, D.T.D.259
Black, white Black, white, black Black, white, blue Black, white, brown Black, white, green Black, white, red Black, white, yellow	D.T.D.126 (Section III), D.T.D.155 D.T.D.170 D.T.D.185 (Section I) D.T.D.189 (Rods) D.T.D.204 (Sections II and III) D.T.D.268 (Section II) D.T.D.229, D.T.D.493
Black, yellow... .. Black, yellow, black Black, yellow, blue Black, yellow, brown Black, yellow, green Black, yellow, red Black, yellow, white	L.37 (Sections II and III), S.68.A, B.S.S. No. 24 (Spec. 12a) D.T.D.53, D.T.D.342 (Section II), D.T.D.603 (Solution treated and naturally aged), T4X D.T.D.303 (Rods), D.T.D.342 (Section III) S.80.A, D.T.D.342 (Section IV) D.T.D.158, D.T.D.480 (Section II) L.47A, S.61.A, D.T.D.97, D.T.D.498 (Section II) D.T.D.197, D.T.D.490 (Section II)
Blue Blue, black, blue Blue, black, brown Blue, black, green Blue, black, red Blue, black, white Blue, black, yellow	B.6, L.16, L.36 (Section I), S.69.B, T.8, D.T.D.39, B.S.S.219 (Grade A), B.S.S.251, B.S.S.265 (Hard), B.S.S.886, D.T.D.478 D.T.D.60 (Sections II and III), A.L.45B D.T.D.228 (Section II) D.T.D.228 (Section III) S.65.A, B.S.S.266 (Extra hard) D.T.D.87 (Section III), D.T.D.265 D.T.D.187 (Section III)

Table 11—Colour Index—continued

Colours	Specifications
Blue, brown	D.T.D.195 (Section III), D.T.D.347 , B.S.S.266 (Hard)
Blue, brown, blue	S.86A and B , A.L.45D , D.T.D.473 (Section III)
Blue, brown, blue, brown... ..	En 100 . Untreated bars
Blue, brown, green	D.T.D.188 (Section II)
Blue, brown, red	D.T.D.306 (Section II)
Blue, brown, white	D.T.D.188 (Section III)
Blue, brown, yellow	L.47.B , D.T.D.500 (Section III)
Blue, green	L.46 , S.70.A , D.T.D.102 , D.T.D.477
Blue, green, blue	S.69.A , A.L.40.B
Blue, green, blue, green	En 101 . Untreated bars
Blue, green, brown	D.T.D.213 , D.T.D.500 (Section II)
Blue, green, red	D.T.D.138 (Section IV), D.T.D.354
Blue, green, white	D.T.D.247 (Section II)
Blue, green, yellow	D.T.D.82 , D.T.D.545 , D.T.D.473 (Section II)
Blue, red	S.28.A , T.18 , D.T.D.10 , B.S.S.885 , L.38 (as rolled)
Blue, red, blue	D.T.D.247 (Section III), A.L.40.A , D.T.D.546
Blue, red, blue, red	En 110 . Untreated bars
Blue, red, brown	S.67.B , D.T.D.535
Blue, red, green	S.79.A , B.S.S.266 (Half-hard), D.T.D.498 (Section III)
Blue, red, white	D.T.D.196
Blue, red, yellow	S.28.B
Blue, white	B.21 , S.I-N , B.S.S.384 , D.T.D.220
Blue, white, blue	L.40.A , D.T.D.206 (Section II), D.T.D.609 (Softened condition)
Blue, white, blue, white	En 102 . Untreated bars
Blue, white, brown	D.T.D.206 (Section III), A.L.40 , D.T.D.525 (Section II)
Blue, white, green	L.40.B , D.T.D.206 (Section IV), D.T.D.525 (Section III)
Blue, white, red	D.T.D.252 (Section II), D.T.D.571
Blue, white, yellow	S.90 , D.T.D.410 (Section II)
Blue, yellow	L.38 (fully heat-treated), S.21 , T.26 (Section II)
Blue, yellow, blue	S.87.B , D.T.D.460
Blue, yellow, brown	S.67.A , B.S.S.407/2 (Half hard)
Blue, yellow, green	A.M.71 (Grade B)
Blue, yellow, red	D.T.D.167 , A.M.71 (Temper 2)
Blue, yellow, white	D.T.D.261
Brown	B.11 , D.T.D.46 , B.S.S.219 (Grade D)
Brown, black, brown	D.T.D.249 , B.S.S.32 (Grade I)
Brown, black, green	D.T.D.263 , D.T.D.489
Brown, black, red	S.80.B , D.T.D.199
Brown, black, white	D.T.D.267 , D.T.D.410 (Section III), D.T.D.491 , D.T.D.551 (Bars for manufacture)
Brown, black, yellow	D.T.D.177 , D.T.D.186
Brown, blue, brown	S.77.B , D.T.D.363 , B.L.47.B
Brown, blue, green	D.T.D.266 , D.T.D.510 (Section II)
Brown, blue, red	D.T.D.137 (Section IV), D.T.D.463 (Section II)
Brown, blue, white	D.T.D.274 , D.T.D.470 (Section III)
Brown, blue, yellow	B.S.S.407/1 (Half-hard), D.T.D.278
Brown, green	S.6.A , D.T.D.351 (Section III)
Brown, green, brown	S.71.A , D.T.D.198 (Section I), B.L.47.C , D.T.D.363
Brown, green, red	D.T.D.146 , D.T.D.354 , D.T.D.529 (Section II)
Brown, green, white	S.86.C , D.T.D.501
Brown, green, yellow	D.T.D.126 (Section II)
Brown, red	S.65B , D.T.D.217 , D.T.D.359 (Section II)
Brown, red, brown	S.87.C , D.T.D.520 , B.L.47.A , D.T.D.529 (Section III)
Brown, red, green	D.T.D.306 (Section III)
Brown, red, white	D.T.D.195 (Section II)
Brown, red, yellow	D.T.D.194 , D.T.D.432 (Section II)

Table 11—Colour Index—continued

Colours	Specifications
Brown, white	D.T.D.30, D.T.D.209
Brown, white, brown	D.T.D.286 (Section II), D.T.D.646
Brown, white, green	D.T.D.346, D.T.D.490 (Section III)
Brown, white, red	D.T.D.286 (Section III)
Brown, white, yellow	D.T.D.182, D.T.D.190
Brown, yellow	L.39.B, S.14.B, T.50
Brown, yellow, brown	S.15.A, B.S.S.265 (Extra hard)
Brown, yellow, green	S.88.C, B.S.S.250 (Grade B)
Brown, yellow, red	S.61.B, D.T.D.422
Brown, yellow, white	D.T.D.161 (Rods)
Green	L.4, S.3, S.6.B, T.1, B.S.S.265 (Annealed), D.T.D.59, B.S.S.219 (Grade G), D.T.D.215
Green, black, green	B.S.S. No. 51, B.S.S. No. 847 (Hard)
Green, black, red	D.T.D.115, D.T.D.423 (Section II)
Green, black, white	S.88.B, D.T.D.270 (Annealed)
Green, black, yellow	D.T.D.168 (Sections II and IV)
Green, blue, green	S.76.B, D.T.D.351 (Section IV), B.S.S. No. 847 (Medium soft)
Green, blue, red	D.T.D.124 (Sections III and V)
Green, blue, white	D.T.D.137 (Sections II and III)
Green, blue, yellow	A.M.71 (Grade A)
Green, brown, green	D.T.D.13, D.T.D.364 (Section III), B.S.S.5007/214
Green, brown, red	D.T.D.307, D.T.D.311, D.T.D.364
Green, brown, white	L.47.C, D.T.D.239
Green, brown, yellow	B.S.S. No. 15
Green, red	L.39.A, S.24, B.S.S.266 (Annealed), D.T.D.356 (as rolled)
Green, red, green	S.76.A, B.S.S.899 (Annealed), D.T.D.504, D.T.D.610 (as rolled), B.S.S. No. 847 (Deep-drawing)
Green, red, white	D.T.D.296, D.T.D.124 (Sections II and IV)
Green, red, yellow	S.82.B, D.T.D.130 (Section II)
Green, white	L.44, D.T.D.214, D.T.D.519
Green, white, green	D.T.D.312, B.S.S.32 (Grade 2), D.T.D.569
Green, white, red	D.T.D.316, D.T.D.410 (Section V), D.T.D.600
Green, white, yellow	D.T.D.317 (Section II)
Green, yellow	L.1.A, L.3 (as rolled), S.14.A, 17.S Bars (Equivalent to L.1.A)
Green, yellow, green	B.S.S.369, A.M.71 (Silver Steel), D.T.D.603 (as rolled), B.S.S. No. 847 (Soft)
Green, yellow, red	B.S.S.918, A.M.71 (Temper 3)
Green, yellow, white	D.T.D.176 (Section II)
Grey, black, grey, black	En 31. Untreated bars
Grey, blue, grey, blue	Dn 15. Untreated bars
Grey, brown, grey, brown	En 34. Untreated bars
Grey, green, grey, green	En 36. Untreated bars
Orange, black	2SO
Orange, black, orange, black	En 24. Untreated bars
Orange, black, brown	2SH
Orange, black, green	2S½H
Orange, blue	53ST
Orange, blue, orange, blue	En 17. Untreated bars
Orange, blue, red	53SO
Orange, brown, green	57SH
Orange, brown, orange, brown	En 25. Untreated bars
Orange, brown, red	57SO

Table 11—Colour Index—continued

Colours	Specifications
Orange, green, blue	3S $\frac{1}{2}$ H
Orange, green, brown	3S $\frac{3}{4}$ H
Orange, green, orange, green	En 2
Orange, green, red	3SO
Orange, grey, orange, grey	En 16. Untreated bars
Orange, red, black	Alclad 24ST
Orange, white, blue	52SO
Orange, white, green	52S $\frac{1}{2}$ H
Orange, white, orange, white	En 26. Untreated bars
Orange, yellow	17ST
Red	B.1, L.31, S.2, S.4, T.2, B.S.S.265 (Half-hard), 24-S.T., D.T.D.136, D.T.D.563, B.S.S.219 (Grade M), 24ST
Red, black, red	D.T.D.87 (Section II), D.T.D.341, A.L.40 (Softened), D.T.D.610 (Annealed)
Red, black, white	L.25A, D.T.D.432 (Section III)
Red, black, yellow	D.T.D.130 (Section III), A.M.71 (Temper 5)
Red, blue, red	S.11.B, D.T.D.390 (Heat-treated and aged), D.T.D.563, B.L.40 (Softened)
Red, blue, white	D.T.D.241, D.T.D.450
Red, blue, yellow	D.T.D.432 (Section IV), A.M.71 (Temper 1), D.T.D.130
Red, brown, red	D.T.D.6, D.T.D.443 (Section III), B.L.47 (as rolled)
Red, brown, white	D.T.D.225, B.S.S.32 (Grade 4)
Red, brown, yellow	L.45.A, S.82.A
Red, green, red	D.T.D.4, D.T.D.390 (Annealed), D.T.D.487 (Section II)
Red, green, white	D.T.D.253, D.T.D.507 (Section II)
Red, green, yellow	A.M.71 (Temper 4), D.T.D.578
Red, white	B.20, B.22, D.T.D.408 (Sections III and IV), B.S.S.218, D.T.D.628
Red, white, red	L.39D, D.T.D.232, D.T.D.549, D.T.D.603 (Annealed)
Red, white, yellow	D.T.D.237, D.T.D.440
Red, yellow	S.11.A, T.26 (Section III), T.52, D.T.D.78, D.T.D.423 (Section III)
Red, yellow, red	D.T.D.49, B.S.S.266 (Quarter-hard), A.L.47 (as rolled), D.T.D.423
Red, yellow, white	D.T.D.252 (Section III)
White	T.7, D.T.D.221, D.T.D.325
White, black, white	D.T.D.138 (Sections II and III), En 15 (Heat-treated)
White, black, yellow	L.45.B, D.T.D.271
White, blue, white	D.T.D.283, D.T.D.367 (Section I), B.L.45.B, S.I-N (Lead)
White, blue, yellow	D.T.D.292, D.T.D.443 (Section II)
White, brown, white	D.T.D.305, B.L.45.D
White, brown, yellow	D.T.D.310, B.S.S.5005/101
White, green, white	D.T.D.318, B.L.40.B, D.T.D.282
White, green, yellow	D.T.D.273, B.S.S. No. 267
White, red, white	D.T.D.323, B.L.40.A
White, red, yellow	D.T.D.327 (Rods)
White, yellow	D.T.D.160, D.T.D.359 (Sections III and IV), 17S. Bars (equivalent to L.39A)
White, yellow, white	D.T.D.328
Yellow	B.8, B.15, L.1.B., L.3 (fully heat-treated), S.1, T.4, T.47, D.T.D.41, D.T.D.61, B.S.S.219 (Grade B), B.S.S.899 (Half-hard), B.S.S.5007/215, D.T.D.479, 17ST (Equivalent to T.4).
Yellow, black, yellow	S.62.B, B.S.S.265 (Quarter-hard)
Yellow, blue, yellow	S.77A, A.L.45.A, A.L.47.B
Yellow, brown, yellow	S.15.B
Yellow, green, yellow	S.71B, A.L.47.C
Yellow, red, yellow	S.62A, D.T.D.404 (Section I), L.47A
Yellow, white, yellow	D.T.D.208, B.L.45.A, D.T.D.503

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