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BS A 311:1997 (2005) =ISO 13921:1996
Aerospace. Screws, 100° reduced countersunk head, internal offset cruciform ribbed or unribbed drive, normal shank, short or medium length MJ threads, metallic material, coated or uncoated, strength classes less than or equal to 1100 MPa. Dimensions
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BS A 312:1997 (2005) =ISO 12260:1996
Screws, pan head, internal offset cruciform ribbed or unribbed drive, stepped shank, short or medium length MJ threads, metallic material, coated or uncoated, strength classes less than or equal to 1100 MPa. Dimensions
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BS A 313:1997 (2005) =ISO 12261:1996
Areospace. Screws, pan head, internal offset cruciform ribbed or unribbed drive, pitch diameter shank, long length MJ threads, metallic material, coated or uncoated, strength classes less than or equal to 1100 MPa. Dimensions
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BS A 314:1997 (2005) =ISO 9609:1996
Aerospace. Nuts, hexagonal, plain, reduced height, normal across flats, with MJ threads, classifications: 450 MPa (at ambient temperature)/120°C, 450 MPa (at ambient temperature)/235°C, 600 MPa (at ambient temperature)/425°C, 900 MPa (at ambient temperature)/235°C, 900 MPa (at ambient temperature)/315°C, 900 MPa (at ambient temperature)/650°C, 1100 MPa (at ambient temperature)/235°C, 1100 MPa (at ambient temperature)/730°C and 1250 MPa (at ambient temperature)/600°C. Dimension"
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BS A 315:1997 (2005) =ISO 9618:1996
Aerospace. Nuts, hexagonal, slotted (castellated), reduced height, normal across flats, with MJ threads, classifications: 450 MPa (at ambient temperature)/120°C, 450 MPa (at ambient temperature)/235°C, 600 MPa (at ambient temperature)/425°C, 900 MPa (at ambient temperature)/235°C, 900 MPa (at ambient temperature)/315°C, 900 MPa (at ambient temperature)/650°C, 1100 MPa (at ambient temperature)/235°C, 1100 MPa (at ambient temperature)/730°C and 1250 MPa (at ambient temperature)/60"
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BS A 316:1997 =ISO 4147:1997
Nuts, hexagonal, slotted (castellated), normal height, normal across flats, with MJ threads, classifications. 600 MPa (at ambient temperature)/120°C, 600 MPa (at ambient temperature)/235°C, 900 MPa (at ambient temperature)/425°C, 1100 MPa (at ambient temperature)/235°C, 1100 MPa (at ambient temperature)/315°C, 1100 MPa (at ambient temperature)/650°C, 1210 MPa (at ambient temperature)/730°C, 1250 MPa (at ambient temperature)/235°C and 1550 MPa (at ambient temperature)/600°C. Di"
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BS A 317:1997 =ISO 8279:1997
Nuts, hexagonal, plain, normal height, normal across flats, with MJ threads, classifications. 600 MPa (at ambient temperature)/120°C, 600 MPa (at ambient temperature)/235°C, 900 MPa (at ambient temperature)/425°C, 1100 MPa (at ambient temperature)/235°C, 1100 MPa (at ambient temperature)/315°C, 1100 MPa (at ambient temperature)/650°C, 1210 MPa (at ambient temperature)/730°C, 1250 MPa (at ambient temperature)/235°C and 1550 MPa (at ambient temperature)/600°C. Dimensions
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BS A 318:1997 =ISO 10096:1997
Nuts, hexagonal, slotted (castellated), reduced height, reduced across flats, with MJ threads, classifications. 450 MPa (at ambient temperature)/425°C, 600 MPa (at ambient temperature)/235°C, 600 MPa (at ambient temperature)/315°C, 600 MPa (at ambient temperature)/650°C, 900 MPa (at ambient temperature)/235°C, 900 MPa (at ambient temperature)/730°C and 1100 MPa (at ambient temperature)/600°C. Dimensions
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BS A 319:1997 =ISO 12268:1997
Nuts, hexagonal, plain, reduced height, reduced across flats, with MJ threads, classifications: 450 MPa (at ambient temperature)/425°C, 600 MPa (at ambient temperature)/235°C, 600 MPa (at ambient temperature)/315°C, 600 MPa (at ambient temperature)/650°C, 900 MPa (at ambient temperature)/235°C, 900 MPa (at ambient temperature)/730°C and 1100 MPa (at ambient temperature)/600°C. Dimensions
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BS A 320:1997 =ISO 12273:1997
Nuts, anchor, self-locking, floating, self-aligning, two lug, with MJ threads, classifications: 900 MPa (at ambient temperature)/235°C, 900 MPa (at ambient temperature)/315°C, 900 MPa (at ambient temperature)/425°C. Dimensions
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BS A 321:1997 =ISO 12274:1997
Nuts, anchor, self-locking, floating, self-aligning, single lug, with MJ threads, classifications: 900 MPa (at ambient temperature)/235°C, 900 MPa (at ambient temperature)/315°C and 900 MPa (at ambient temperature)/425°C. Dimensions
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BS A 322:1998 =ISO 3202:1997
Screws, pan head, internal offset cruciform ribbed or unribbed drive, threaded to head, metallic material, coated or uncoated, strength classes less than or equal to 1100 MPa. Dimensions
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BS A 323:1998 =ISO 4095:1998
Bihexagonal drives. Wrenching configuration. Metric series
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BS A 324:1998 =ISO 9199:1998
Nuts, bihexagonal, self-locking, MJ threads, classifications: 1100 MPa (at ambient temperature)/425°C, 1100 MPa (at ambient temperature)/650°C, 1210 MPa (at ambient temperature)/425°C, 1210 MPa (at ambient temperature)/730°C, 1550 MPa (at ambient temperature)/235°C, 1550 MPa (at ambient temperature)/425°C and 1550 MPa (at ambient temperature)/600°C. Dimensions
Specifies the dimensions of bihexagonal nuts with counterbore and MJ threads and a self-locking feature achieved by forming the upper portions out of round.
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BS A 325:1998 =ISO 245:1998
Lockwire. Diameters
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BS A 326:1998 =ISO 3230:1998
Rivets, solid, 100° normal countersunk head with dome, metallic material, with or without surface treatment. Dimensions
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BS A 327:1998 =ISO 13589:1998
Nuts, bihexagonal, self-locking, with counterbore and MJ threads, classifications: 1100 MPa (at ambient temperature)/425°C, 1100 MPa (at ambient temperature)/650°C, 1210 MPa (at ambient temperature)/425°C, 1210 MPa (at ambient temperature)/730°C, 1550 MPa (at ambient temperature)/235°C, 1550 MPa (at ambient temperature)/425°C and 1550 MPa (at ambient temperature)/600°C. Dimensions
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BS A 328-1:1999 =ISO 8399-1:1998
Accessory drives and mounting flanges (Metric sizes). Design criteria
Establishes the design criteria for accessory drives and mounting flanges for use in aircraft gearboxes or engine accessories.
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BS A 328-2:1999 =ISO 8399-2:1998
Accessory drives and mounting flanges (Metric sizes). Dimensions
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BS A 329:1999 =ISO 3168:1998
Nuts, anchor, self-locking, fixed, single lug, with counterbore, with MJ threads, classifications: 1100 MPa (at ambient temperature)/235°C, 1100 MPa (at ambient temperature)/315°C and 1100 MPa (at ambient temperature)/425°C. Dimensions
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BS A 330:1999 =ISO 12272:1998
Nuts, anchor, self-locking, floating, two lug, with incremental counterbore, with MJ threads, classifications: 900 MPa (at ambient temperature)/235°C, 900 MPa (at ambient temperature)/315°C and 900 MPa (at ambient temperature)/425°C. Dimensions
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BS A 331:1998 =ISO 12258:1998
Bolts, reduced bihexagonal head, normal or pitch diameter shank, long length MJ threads, metallic material, coated or uncoated, strength classes less than or equal to 1275 MPa. Dimensions
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BS A 332:1999 =ISO 9152:1998
Aerospace. Bolts, with MJ threads, in titanium alloys, strength class 1 100 MPa. Procurement specification
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BS A 333:1999 =ISO 3209:1998
Nuts, anchor, self-locking, floating, two lug, with counterbore, with MJ threads, classifications: 1100 MPa (at ambient temperature)/235°C, 1100 MPa (at ambient temperature)/315°C and 1100 MPa (at ambient temperature)/425°C. Dimensions
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BS A 334:1999 =ISO 3221:1998
Nuts, anchor, self-locking, fixed, 90° corner, with counterbore, with MJ threads, classifications: 1100 MPa (at ambient temperature)/235°C, 1100 MPa (at ambient temperature)/315°C and 1100 MPa (at ambient temperature)/425°C. Dimensions
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BS A 335:1999 =ISO 3222:1998
Nuts, anchor, self-locking, fixed, closed corner, reduced series, with counterbore, with MJ threads, classifications: 1100 MPa (at ambient temperature)/235°C, 1100 MPa (at ambient temperature)/315°C and 1100 MPa (at ambient temperature)/425°C. Dimensions
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BS A 336:1999 =ISO 3223:1998
Nuts, anchor, self-locking, fixed, two lug, with counterbore, with MJ threads, classifications: 1100 MPa (at ambient temperature)/235°C, 1100 MPa (at ambient temperature)/315°C and 1100 MPa (at ambient temperature)/425°C. Dimensions
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BS A 337:1999 =ISO 3224:1998
Nuts, anchor, self-locking, floating, single lug, with counterbore, with MJ threads, classifications: 1100 MPa (at ambient temperature)/235°C, 1100 MPa (at ambient temperature)/315°C and 1100 MPa (at ambient temperature)/425°C. Dimensions
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BS A 338:1999 =ISO 3225:1998
Nuts, anchor, self-locking, fixed, two lug, reduced series, with counterbore, with MJ threads, classifications: 1100 MPa (at ambient temperature)/235°C, 1100 MPa (at ambient temperature)/315°C and 1100 MPa (at ambient temperature)/425°C. Dimensions
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BS A 339:1999 =ISO 7332:1998
Nuts, anchor, self-locking, floating, two lug, reduced series, with counterbore, with MJ threads, classifications: 1100 MPa (at ambient temperature)/235°C, 1100 MPa (at ambient temperature)/315°C and 1100 MPa (at ambient temperature)/425°C. Dimensions
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BS A 340:1999 =ISO 9156:1998
Nuts, anchor, self-locking, fixed, 90° corner, reduced series, with counterbore, with MJ threads, classifications: 1100 MPa (at ambient temperature)/235°C, 1100 MPa (at ambient temperature)/315°C and 1100 MPa (at ambient temperature)/425°C. Dimensions
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Nuts, plain or slotted (castellated). Procurement specification
To be read in conjunction with ISO 5855-2:1988.
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Nuts, plain or slotted (castellated). Test methods
To be read in conjunction with BS A 342:1999.
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BS A 344:1999 =ISO 3191:1998
Nuts, anchor, self-locking, fixed, single lug, reduced series, with counterbore, with MJ threads, classifications: 1100 MPa (at ambient temperatures)/235°C, 1100 MPa (at ambient temperature)/315°C, 1100 MPa (at ambient temperature)/425°C. Dimensions
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BS A 345:1999 =ISO 8538:1999
Nuts, hexagonal, self-locking, with counterbore and captive washer, with MJ threads, classifications: 1100 MPa (at ambient temperature)/235°C, 1100 MPa (at ambient temperature)/315°C, 1100 MPa (at ambient temperature)/425°C. Dimensions
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BS A 346:2000 =ISO 3161:1999
UNJ threads. General requirements and limit dimensions
Replaced by BS 4084:1996.
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Rivets, solid, in nickel alloy. Procurement specification
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BS A 352:2000 =ISO 12290:2000
Rivets, solid, in titanium or titanium alloy. Procurement specification
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BS A 353:2000 =ISO 13595:2000
Inserts, with self-locking floating nut, with MJ threads, in metallic material, coated or uncoated. Dimensions
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BS A 354:2000 =ISO 13596:2000
Inserts, self-locking, with MJ threads, closed type, in metallic material, coated or uncoated. Dimensions
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BS A 355:2000 =ISO 13597:2000
Inserts, self-locking, with MJ threads, open type, in metallic material, coated or uncoated. Dimensions
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BS A 356:2000 =ISO 13598:2000
Inserts, self-locking, with MJ threads, reduced flanges, closed type, in metallic material, coated or uncoated. Dimensions
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BS A 357:2000 =ISO 13599:2000
Inserts, with clearance hole, in metallic material, coated or uncoated. Dimensions
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BS A 358-1:2000 =ISO 5855-1:1999
MJ threads. General requirements
Replaces BS 6293-1:1994.
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MJ threads. Limit dimensions for bolts and nuts
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BS A 358-3:2000 =ISO 5855-3:1999
MJ threads. Limit dimensions for fittings for fluid systems
Replaces BS 6293-3:1994.
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BS A 359:2000 =ISO 12278:1999
Nuts, barrel, self-locking, floating, with MJ threads, classifications. 900 MPa (at ambient temperature)/235°C, 1100 MPa (at ambient temperature)/235°C, 1250 MPa (at ambient temperature)/235°C, 1550 MPa (at ambient temperature)/235°C. Dimensions
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Retainers, spring, sheet metal, for self-locking barrel nuts. Dimensions
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Bolts, with MJ threads, made of heat-resistant nickel-based alloy, strength class 1 550 MPa. Procurement specification
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Rivets, solid. Test method
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B Brass, copper, etc.

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High tensile brass bars
Replaced by BS 2501:1976.

BS 2B 2:1930 (withdrawn)
Bronze (gun metal) castings

BS 2B 4:1918 (withdrawn)
Copper sheets (annealed)

BS 3B 5:1930 (withdrawn)
Brass sheets (hard rolled)

BS 3B 6:1933 (withdrawn)
Naval brass bars
Replaced by BS 2518-1:1954.

BS 2B 8:1930 (withdrawn)
Specification for aircraft material. Phosphor bronze castings for bearings (including solid and cored sticks)

BS 3B 11:1933 (withdrawn)
Specification for aircraft material. Brass bars suitable to be brazed or silver soldered

BS 3B 12:1930 (withdrawn)
Brass sheets (annealed)

BS 3B 13:1933 (withdrawn)
Brass bars (high speed screwing and turning)

BS 2B 21:1933 (withdrawn)
Specification for aircraft material. White metal (88/8/4) ingots (suitable for bearings)

BS B 23:1991 (2000)
Specification for copper-aluminium-nickel-iron alloy rods, sections, forging stock and forgings
Specifies inspection and testing procedures, chemical composition, heat treatment and mechanical properties.
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Specification for copper-tin-phosphorous alloy rods and sections
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BS 2B 25:2001
Copper-nickel-silicon alloy rods, sections, forging stock, forgings and parts (heat treated)
Replaces BS B 25:1991.
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Copper-nickel-silicon alloy rods, sections and parts (solution treated, cold worked and precipitation treated)
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BS 2B 27:2002
Copper-zinc-aluminium-nickel-silicon alloy tube
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BS 2B 28:2001
Copper-beryllium alloy strip, foil and parts (solution treated and precipitation treated)
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BS 2B 29:2001
Copper-beryllium alloy strip, foil and parts (solution treated, cold rolled: quarter hard and precipitation treated)
Replaces BS B 29:1991.
AMD 13902, October 2002 (£0.00(M), £0.00(NM))[R].
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BS 2B 30:2001
Copper-beryllium alloy strip, foil and parts (solution treated, cold rolled: half hard and precipitation treated)
Replaces BS B 30:1991.
AMD 13903, October 2002 (£0.00(M), £0.00(NM))[R].
AMD 13903 is a Corrigendum.
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BS 2B 31:2001
Copper-beryllium alloy strip, foil and parts (solution treated, cold rolled: full hard and precipitation treated)
Replaces BS B 31:1991.
AMD 13904, October 2002 (£0.00(M), £0.00(NM))[R].
AMD 13904 is a Corrigendum.
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BS 2B 32:2001
Copper-beryllium alloy rods, sections and parts (solution treated and precipitation treated)
Replaces BS B 32:1991.
AMD 13905, October 2002 (£0.00(M), £0.00(NM))[R].
AMD 13905 is a Corrigendum.
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BS 2B 33:2001
Copper-beryllium alloy wire and springs (solution treated and precipitation treated)
Replaces BS B 33:1991.
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BS B 100:1992 (1999)
Procedure for inspection, testing and acceptance of wrought copper alloys
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C Connections
1. Ground service
2. Aircraft systems

BS C 1:1961 (withdrawn)
Coupling dimensions for aircraft toilet flushing, chemical recharging and draining connections

BS 2C 2:1973 (withdrawn)
Specification for coupling dimensions for aircraft connections for water of a drinkable quality

BS C 3:1964 (2006) =ISO 451
Specification for aircraft material. Coupling dimensions for aircraft pressure re-oiling connection
Replaced by BS C 19:1986 but remains current.
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BS 2C 4:1973 (2006) =ISO 485
Specification for coupling dimensions for aero-engine refrigerant pressure replenishment connections
Replaces BS C 4:1966.
AMD 2643, June 1978 (£0.00(M), £0.00(NM))[R]
AMD 3326, August 1982 (£0.00(M), £0.00(NM))[R].
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BS 2C 5:1976 (2006) =ISO 1465
Specification for mating dimensions for liquid

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aluminium-molybdenum-titanium heat-resisting alloy billets, bars, forgings and parts (nickel base, Cr 15, Co 14.2, Al 5, Mo 4, Ti 4)
AMD 1176, May 1973 (£0.00(M), £0.00(NM))[R]
AMD 3486, January 1981 (£0.00(M), £0.00(NM))[R].
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BS HR 5:1972 (1993)
Specification for nickel-chromium-titanium heat-resisting alloy billets, bars, forgings and parts (nickel base, Cr 19.5, Ti 0.4)
AMD 5682, July 1988 (£0.00(M), £0.00(NM))[R].
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BS HR 6:1972 (1993)
Specification for nickel-chromium-iron-molybdenum-cobalt-tungsten heat-resisting alloy billets, bars, forgings and parts (nickel base, Cr 21.7, Fe 18.5, Mo 9, Co 1.5, W 0.6)
AMD 1803, September 1975 (£0.00(M), £0.00(NM))[R].
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BS HR 10:1972 (1993)
Specification for nickel-cobalt-chromium-molybdenum-titanium-aluminium heat-resisting alloy billets, bars, forgings and parts (nickel base, Co 20, Cr 20, Mo 5.9, Ti 2.1, Al 0.5)
AMD 1804, September 1975 (£0.00(M), £0.00(NM))[R].
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BS HR 11:1973 (withdrawn)
Nickel-iron-chromium-molybdenum-aluminium heat resisting alloy billets, bars, forgings and parts (Ni/Co 43.5, Cr 16.5, Mo 3.3, Al 1.2, Ti 1.2, Fe remainder)

BS HR 40:1972 (1993)
Specification for cobalt-chromium-tungsten-nickel-manganese heat-resisting alloy billets, bars and forgings (cobalt base, Cr 20, W 15, Ni 10, Mn 1.5)
AMD 1805, September 1975 (£0.00(M), £0.00(NM))[R].
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BS HR 51:1973 (1993)
Specification for heat-resisting alloy billets, bars, forgings and parts (Ni 25.5, Cr 14.7, Ti 2, Mn 1.5, Mo 1.2, Si 0.7, V 0.3, Fe remainder)
AMD 1806, September 1975 (£0.00(M), £0.00(NM))[R]
AMD 3488, January 1981 (£0.00(M), £0.00(NM))[R].
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BS HR 52:1973 (1993)
Specification for heat-resisting alloy billets, bars, forgings and parts (Ni 25.5, Cr 14.7, Ti 1.8, Mn 1.5, Mo 1.2, V 0.3, Fe remainder)
AMD 1807, September 1975 (£0.00(M), £0.00(NM))[R]
AMD 3490, January 1981 (£0.00(M), £0.00(NM))[R].
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BS HR 53:1973 (1993)
Specification for nickel-iron-chromium-molybdenum-titanium heat-resisting alloy billets, bars, forgings and parts (Ni/Co 42.5, Cr 12.5, Mo 5.8, Ti 3.0, Fe remainder)
AMD 1808, September 1975 (£0.00(M), £0.00(NM))[R]
AMD 3491, January 1981 (£0.00(M), £0.00(NM))[R].
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BS HR 54:1970 (withdrawn)
Heat-resisting martensitic steel billets, bars, forgings and parts

BS HR 55:1980 (1993)
Specification for nickel-iron-chromium-molybdenum-aluminium-titanium heat-resisting alloy billets, bars, forgings and parts (Ni/Co 43.5, Cr 16.5, Mo 3.3, Al 1.2, Ti 1.2, Fe remainder)
Replaces BS HR 11:1973.
4 pages £14.00(M), £28.00(NM) ACE/61/-/48

BS 3HR 100:1978 (2000)
Procedure for inspection and testing of wrought heat-resisting alloys
AMD 2766, January 1979 (£0.00(M), £0.00(NM))[R]
AMD 3446, January 1981 (£0.00(M), £0.00(NM))[R]
AMD 5817, March 1988 (£0.00(M), £0.00(NM))[R]
AMD 7514, January 1993 (£0.00(M), £0.00(NM))[R]
AMD 8999, March 1996 (£0.00(M), £
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BS 2HR 201:1974 (1993)
Specification for nickel-chromium-titanium-aluminium heat-resisting alloy plate, sheet and strip (nickel base, Cr 19.5, Ti 2.2, Al 1.4)
Replaces BS HR 201:1970.
AMD 5996, August 1988 (£0.00(M), £0.00(NM))[R].
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BS 2HR 202:1973 (1993)
Specification for nickel-chromium-cobalt-titanium-aluminium heat-resisting alloy sheet and strip (nickel base, Cr 19.5, Co 18.0, Ti 2.5, Al 1.5)
Replaces BS HR 202:1971.
AMD 6143, June 1990 (£0.00(M), £0.00(NM))[R].
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BS HR 203:1972 (1993)
Specification for nickel-chromium-titanium heat-resisting alloy plate, sheet and strip (nickel base, Cr 19.5, Ti 0.4)
AMD 1332, March 1974 (£0.00(M), £0.00(NM))[R]
AMD 5108, January 1986 (£0.00(M), £0.00(NM))[R].
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BS HR 204:1972 (1993)
Specification for nickel-chromium-iron-molybdenum-cobalt-tungsten heat-resisting alloy plate, sheet and strip (nickel base Cr 22, Fe 18.5, Mo 9, Co 1.5, W 0.6)
AMD 1809, September 1975 (£0.00(M), £0.00(NM))[R].
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BS HR 205:1989 (1998)
Nickel-copper alloy sheet and strip: annealed (Nickel base, Cu 31)
Chemical composition, mechanical properties, and inspection and test requirements for sheet and strip for general aerospace use, including the manufacture of fasteners.
4 pages £14.00(M), £28.00(NM) ACE/61/-/48

BS HR 206:1973 (1993)
Specification for nickel-cobalt-chromium-molybdenum-titanium-aluminium heat-resisting alloy plate, sheet and strip (nickel base, Co 20, Cr 20, Mo 5.9, Ti 2.1, Al 0.5)
AMD 1810, September 1975 (£0.00(M), £0.00(NM))[R]
AMD 3492, March 1981 (£0.00(M), £0.00(NM))[R].
8 pages £14.00(M), £28.00(NM) ACE/61/-/48

BS HR 207:1973 (1993)
Specification for nickel-iron-chromium-molybdenum-aluminium-titanium heat-resisting alloy plate, sheet and strip (Ni/Co 43.5, Cr 16.5, Mo 3.3, Al 1.2, Ti 1.2, Fe remainder)
AMD 2790, April 1979 (£0.00(M), £0.00(NM))[R].
6 pages £14.00(M), £28.00(NM) ACE/61/-/48

BS HR 208:1989 (1998)
Specification for nickel-chromium-iron alloy sheet, strip and plate: annealed (Nickel base, Cr 15.5, Fe 8)
Chemical composition, mechanical properties and inspection and test requirements.
2 pages £14.00(M), £28.00(NM) ACE/61/-/48

BS HR 209:1989 (1998)
Specification for nickel-chromium-cobalt-molybdenum-titanium-aluminium heat-resisting alloy sheet, strip and plate: softened (nickel base, Cr 18, Co 14, Mo 7, Ti 2.2, Al 2.1)
Chemical composition, mechanical properties and inspection and test requirements for general aerospace use.
4 pages £14.00(M), £28.00(NM) ACE/61/-/48

BS HR 240:1972 (1993)
Specification for cobalt-chromium-tungsten-nickel-manganese heat-resisting alloy plate, sheet and strip (cobalt base Cr 20, W 15, Ni 10, Mn 1.5)
AMD 1811, September 1975 (£0.00(M), £0.00(NM))[R].
4 pages £14.00(M), £28.00(NM) ACE/61/-/48

BS HR 251:1974 (obsolescent)
Specification for heat-resisting alloy plate, sheet and strip (Ni 25.5, Cr 14.7, Ti 1.8, Mn 1.5, Mo 1.2, V 0.3, Fe remainder)
AMD 1812, September 1975 (£0.00(M), £0.00(NM))[R]
AMD 3513, March 1981 (£0.00(M), £0.00(NM))[R].
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BS 2HR 401:1973 (1993)
Specification for nickel-chromium-titanium-aluminium heat-resisting alloy cold worked and softened seamless tubes (nickel base, Cr 19.5, Ti 2.2, Al 1.4)
Replaces BS HR 401:1970.
AMD 3791, March 1982 (£0.00(M), £0.00(NM))[R].
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BS HR 402:1973 (1993)
Specification for nickel-chromium-cobalt-titanium-aluminium heat-resisting alloy cold worked and softened seamless tubes (nickel base, Cr 19.5, Co 18.0, Ti 2.5, Al 1.5)
4 pages £14.00(M), £28.00(NM) ACE/61/-/48

BS HR 403:1973 (1993)
Specification for nickel-chromium-titanium heat-resisting alloy cold-worked and softened seamless tubes (nickel base, Cr 19.5, Ti 0.4)
AMD 1425, May 1974 (£0.00(M), £0.00(NM))[R].
4 pages £14.00(M), £28.00(NM) ACE/61/-/48

BS HR 404:1973 (1993)
Specification for nickel-cobalt-chromium-molybdenum-titanium-aluminium heat-resisting alloy cold worked solution treated seamless tubes (nickel base, Co 20, Cr 20, Mo 5.9, Ti 2.1, Al 0.5)
AMD 1813, September 1975 (£0.00(M), £0.00(NM))[R]
AMD 2251, March 1977 (£0.00(M), £0.00(NM))[R].
8 pages £14.00(M), £28.00(NM) ACE/61/-/48

BS 2HR 501:1973 (1993)
Specification for nickel-chromium-cobalt-titanium-aluminium heat-resisting alloy cold drawn wire for springs (nickel base, Cr 19.5, Co 18.0, Ti 2.5, Al 1.5)
Replaces BS HR 501:1970.
AMD 1814, September 1975 (£0.00(M), £0.00(NM))[R]
AMD 3494, March 1981 (£0.00(M), £0.00(NM))[R].
12 pages £18.00(M), £36.00(NM) ACE/61/-/48

BS 2HR 502:1973 (1993)
Specification for nickel-chromium-cobalt-titanium-aluminium heat-resisting alloy cold drawn and solution heat treated wire for springs (nickel base, Cr 19.5, Co 18.0, Ti 2.5, Al 1.5)
Replaces BS HR 502:1970.
AMD 1815, September 1975 (£0.00(M), £0.00(NM))[R]
AMD 3495, March 1981 (£0.00(M), £0.00(NM))[R].
12 pages £18.00(M), £36.00(NM) ACE/61/-/48

BS 2HR 503:1973 (1993)
Specification for nickel-chromium-cobalt-titanium-aluminium heat-resisting alloy wire for thread inserts (0.45 mm to 2 mm diameter) (nickel base, Cr 19.5, Co 18.0, Ti 2.5, Al 1.5)
Replaces BS HR 503:1970.
AMD 1816, September 1975 (£0.00(M), £0.00(NM))[R].
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BS 2HR 504:1973 (1993)
Specification for nickel-chromium-titanium heat-resisting alloy bar, wire and rivets (nickel base, Cr 19.5, Ti 0.4)
Replaces BS HR 504:1970.
AMD 2233, February 1977 (£0.00(M), £0.00(NM))[R]
AMD 3496, March 1981 (£0.00(M), £0.00(NM))[R].
6 pages £14.00(M), £28.00(NM) ACE/61/-/48

BS HR 505:1981 (1993)
Specification for nickel-chromium-iron-titanium-niobium-aluminium heat-resisting alloy round wire for thread inserts (maximum diameter 2 mm) (nickel base, Cr 15.5, Fe 7.0, Ti 2.5, Nb/Ta 0.95, Al 0.70)
4 pages £14.00(M), £28.00(NM) ACE/61/-/48

BS HR 506:1989 (1998)
Nickel-chromium-cobalt-titanium-aluminium heat-resisting alloy wire: softened (Nickel base, Cr 19.5, Co 18, Ti 2.5, Al 1.5)
Chemical composition, mechanical properties, inspection and test requirement for a softened wire for use as locking wire.
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BS 3HR 601:1989 (1998)
Specification for nickel-chromium-titanium-aluminium heat-resisting alloy bar and wire for the manufacture of fasteners (maximum diameter or minor sectional dimension 30 mm) (nickel base Cr 19.5, Ti 2.2, Al 1.4)
Bar and wire for machining, continuous cold forging or cold extrusion, or hot upset forging.
Replaces BS 2HR 601:1975.
AMD 6529, May 1990 (£0.00(M), £0.00(NM))[R].
8 pages £14.00(M), £28.00(NM) ACE/61/-/48

BS HR 650:1972 (1993)
Specification for high expansion heat-resisting steel bar and wire for the manufacture of bolts, studs, set screws and nuts (Ni 25.5, Cr 15, Ti 2, Mn 1.5, Mo 1.25, Si 0.7, V 0.3) (limiting ruling section 20 mm)
AMD 1817, September 1975 (£0.00(M), £0.00(NM))[R]
AMD 3589, August 1981 (£0.00(M), £0.00(NM))[R].
8 pages £14.00(M), £28.00(NM) ACE/61/-/48

J Self-adhesive tapes

BS 4J 10:1991 (1998)
Specification for pressure-sensitive adhesive water resistant PVC tape
Includes guidance information to be supplied by the purchaser. Alternative cleaning methods are specified.
Replaces BS 3J 10:1975.
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BS 4J 11:1991 (1998)
Specification for pressure-sensitive adhesive paper masking tape
Includes guidance on information to be supplied by the purchaser. Alternative cleaning methods are specified.
Replaces BS 3J 11:1975.
AMD 8217, July 1994 (£0.00(M), £0.00(NM))[R].
14 pages £14.00(M), £28.00(NM) ACE/65/-/63

BS 3J 12:1991 (1998)
Specification for pressure-sensitive adhesive identification tape
Includes guidance on information to be supplied by the purchaser. Alternative cleaning methods are specified.
Replaces BS 2J 12:1975.
12 pages £14.00(M), £28.00(NM) ACE/1

K Cast iron

BS K 1:1917 (withdrawn)
Crankshaft forgings or stampings suitable for most types of stationary engines

BS K 4:1917 (withdrawn)
Carbon steel cylinder forgings or stampings (normalized)

BS K 5:1917 (withdrawn)
Carbon steel cylinder forgings or stampings (normalized)

BS 4K 6:1928 (obsolescent)
Specification for aircraft material. Cast iron piston ring pots (sand cast and chill cast)
Replaces BS 3K 6:1925.
AMD 3882, April 1982 (£0.00(M), £0.00(NM))[R].
CF(AC) 7333 published 15 January 1941.
6 pages £14.00(M), £28.00(NM) ACE/61/-/15

BS K 8:1918 (withdrawn)
Tungsten steel forgings and stampings for valves

BS 2K 11:1930 (withdrawn)
Iron castings for cylinders (water-cooled and air-cooled), pistons and valve guides

BS K 12:1919 (withdrawn)
Iron castings for valve guides and air-cooled engines

BS K 13:1919 (withdrawn)
General iron castings

BS K 17:1925 (withdrawn)
European malleable iron castings (for ground equipment only)

BS K 18:1925 (withdrawn)
Blackheart malleable iron castings (for ground equipment only)

BS K 21:1919 (withdrawn)
Forgings or drop forgings for crankshafts (55 tons/sq in)

L Aluminium and light alloys

BS 6L 1:1940 (withdrawn)
Aluminium alloy bars, extruded sections and forgings (not greater than 3 in diameter or minor sectional dimensions)

BS 5L 3:1939 (withdrawn)
Aluminium alloy sheets and coils for aircraft purposes
See L 70.

BS 2L 4:1922 (withdrawn)
Hard aluminium sheets

BS 3L 5:1933 (withdrawn)
Aluminium-zinc-copper alloy castings

BS 3L 8:1933 (withdrawn)
12 per cent copper-aluminium alloy castings

BS 2L 9:1919 (withdrawn)
White metal for bearings

BS 4L 11:1933 (withdrawn)
7/1 aluminium alloy castings

BS 6L 16:1985 (2003)
Specification for sheet and strip of 99% aluminium (temper designation H14 or H24)
Replaces BS 5L 16:1973.
4 pages £14.00(M), £28.00(NM) ACE/61/-/24

BS 6L 17:1985 (2003)
Specification for sheet and strip of 99% aluminium (temper designation-O)
Replaces BS 5L 17:1973.
4 pages £14.00(M), £28.00(NM) ACE/61/-/24

BS 2L 24:1933 (withdrawn)
'Y' aluminium alloy castings

BS 7L 25:1971 (withdrawn)
Forging stock and forgings of aluminium-copper-nickel-magnesium alloy (solution treated and aged at room temperature) (not exceeding 200 mm diameter or minor sectional dimension) (Cu 4, Ni 2, Mg 1.5)

BS L 26:1922 (withdrawn)
Wrought light aluminium sheets (heat treated) 'Y' alloy

BS L 27:1921 (withdrawn)
Wrought light aluminium alloy bar 3/20

BS L 28:1921 (withdrawn)
Wrought light aluminium alloy sheets 3/20

BS L 29:1921 (withdrawn)
High tensile aluminium alloy sheets

BS 2L 30:1928 (withdrawn)
98 per cent aluminium notched bars and ingots

BS 5L 31:1959 (withdrawn)
99 per cent primary (virgin) aluminium notched bars and ingots for re-melting

BS 2L 32:1929 (withdrawn)
Aluminium bars

BS 4L 33:1959 (withdrawn)
Aluminium-silicon alloy ingots and castings

BS 5L 34:1985 (obsolescent)
Specification for forging stock, bars, extruded sections and forgings of 99% aluminium
Replaces BS 4L 34:1973.
4 pages £14.00(M), £28.00(NM) ACE/61/-/24

BS 4L 35:1970 (withdrawn)
Specification for ingots and castings of 'Y' aluminium alloy (heat treated) (suitable for pistons) (Cu 4, Mg 1.5, Ni 2.1)

BS 5L 36:1985 (2003)
Specification for wire for solid, cold-forged rivets of 99.5% aluminium (not exceeding 10 mm diameter)
Replaces BS 4L 36:1973.
4 pages £14.00(M), £28.00(NM) ACE/61/-/24

BS 7L 37:1989 (2003)
Specification for wire for solid cold-forged rivets of aluminium-copper-magnesium-silicon-manganese alloy (for use in the solution treated and naturally aged condition) (not exceeding 10 mm diameter) (Cu 4.4, Mg 0.5, Si 0.7, Mn 0.8) (2014A)
Replaces BS 6L 37:1971.
AMD 6625, December 1990 (£0.00(M), £0.00(NM))[R].
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BS 2L 38:1939 (withdrawn)
Aluminium coated aluminium alloy sheets and coils
See L 72.

BS 2L 39:1940 (withdrawn)
Aluminium alloy bars and forgings (greater then 3 in diameter or width across flats or minor sectional dimensions)

BS 2L 40:1940 (withdrawn)
Aluminium alloy bars, extruded sections and forgings (not greater than 3 in diameter or minor sectional dimensions)
See L 65.

BS 4L 42:1961 (withdrawn)
Aluminium-copper-magnesium-iron-nickel-silicon alloy forging stock and forgings (solution treated and precipitation treated)

BS L 43:1935 (withdrawn)
Aluminium alloy drop forgings for pistons and cylinder heads ('Y' alloy)
See L 65.

BS 5L 44:1985 (obsolescent)
Specification for forging stock, bars, extruded sections and forgings of aluminium-2¼% magnesium alloy
Replaces BS 4L 44:1973.
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BS L 45:1940 (withdrawn)
Aluminium alloy bars and forgings (greater than 3 in diameter or width across flats or minor sectional dimensions)
See L 65.

BS L 46:1940 (withdrawn)
Soft aluminium alloy sheets and coils

BS L 47:1940 (withdrawn)
Aluminium coated aluminium alloy sheets and coils
See L 152.

BS 2L 48:1959 (withdrawn)
99.7 per cent primary (virgin) aluminium notched bars and ingots for remelting

BS 2L 49:1959 (withdrawn)
99 per cent secondary aluminium notched bars and ingots for remelting

BS 2L 50:1959 (withdrawn)
Secondary aluminium alloy notched bars and ingots for remelting

BS 3L 51:1970 (1985) (obsolescent)
Specification for ingots and castings of aluminium-silicon-copper-iron-nickel-magnesium alloy (precipitation treated) (Si 2.5, Cu 1.2, Fe 1, Ni 1, Mg 0.1)
Replaces BS 2L 51:1959.
AMD 3762, September 1981 (£0.00(M), £0.00(NM))[R].
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BS 3L 52:1970 (withdrawn)
Specification for ingots and castings of aluminium-copper-silicon-nickel-magnesium-iron alloy (solution treated and precipitation treated) (suitable for pistons) (Cu 2.2, Si 1.3, Ni 1.3, Mg 1.1, Fe 1.1)

BS 4L 53:1970 (withdrawn)
Specification for ingots and castings of aluminium-magnesium alloy (solution treated) (Mg 10.2)

BS 4L 54:1986 (2003)
Specification for tube of 99% aluminium (cold drawn: seamless: tested hydraulically) (not exceeding 12 mm wall thickness)
Replaces BS 3L 54:1971.
AMD 5994, August 1988 (£0.00(M), £0.00(NM))[R].
6 pages £14.00(M), £28.00(NM) ACE/61/-/24

BS 2L 55:1961 (withdrawn)
Aluminium-2¼ per cent magnesium alloy tubes (half hard)

BS 4L 56:1986 (2003)
Specification for tube of aluminium-2¼% magnesium alloy (temper designation-O) (seamless: tested hydraulically) (not exceeding 12 mm wall thickness)
Replaces BS 3L 56:1971.
AMD 5993, August 1988 (£0.00(M), £0.00(NM))[R].
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BS 3L 58:1971 (1980) (obsolescent)
Specification for wire for solid, cold-forged rivets of aluminium-5% magnesium alloy (not exceeding 10 mm diameter)
2 pages £14.00(M), £28.00(NM) ACE/61/-/24

BS 4L 59:1985 (2003)
Specification for sheet and strip of aluminium-manganese alloy (temper designation H16 or H26)
Replaces BS 3L 59:1973.
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BS 4L 60:1985 (obsolescent)
Specification for sheet and strip of aluminium-manganese alloy (temper designation H12 or H22)
Replaces BS 3L 60:1973.
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BS 4L 61:1985 (obsolescent)
Specification for sheet and strip of aluminium-manganese alloy (temper designation-O)
Replaces BS 3L 61:1973.
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BS 2L 62:1961 (withdrawn)
Aluminium-copper-magnesium-silicon-manganese alloy tubes (solution treated and aged at room temperature)

BS 3L 63:1971 (2003)
Specification for tube of aluminium-copper-mangesium-silicon-manganese alloy (solution treated and precipitation treated) (Cu 4.4, Mg 0.5, Si 0.7, Mn 0.8)
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BS 2L 64:1952 (withdrawn)
Aluminium-copper-magnesium-silicon-manganese alloy bars and extruded sections (solution treated and aged at room temperature)

BS 2L 67:1961 (withdrawn)
99 per cent aluminium tubes (cold drawn: not tested hydraulically)

BS L 69:1951 (withdrawn)
Aluminium-copper-magnesium alloy wires for rivets
Formerly L 57:1951.

BS 3L 70:1971 (withdrawn)
Sheet and strip of aluminium-copper-magnesium-silicon-manganese alloy (solution treated and aged at room temperature) (Cu 4.4, Mg 0.5, Si 0.7, Mn 0.8)

BS 2L 71:1971 (withdrawn)
Aluminium-copper-magnesium-silicon-manganese alloy sheets and strips (solution treated and precipitation treated)

BS 3L 72:1971 (withdrawn)
Aluminium-coated sheet and strip of aluminium-copper-magnesium-silicon-manganese alloy (solution treated and aged at room temperature) (Cu 4.4, Mg 0.5, Si 0.7, Mn 0.8)

BS 3L 73:1971 (withdrawn)
Aluminium coated sheet and strip of aluminium-copper-magnesium-silicon-manganese alloy (solution treated and precipitation treated) (Cu 4.4, Mg 0.5, Si 0.7, Mn 0.8)

BS L 74:1959 (withdrawn)
Aluminium-magnesium alloy ingots and castings

BS L 75:1959 (withdrawn)
Aluminium-silicon-manganese-magnesium alloy ingots and castings (solution treated and precipitation treated)

BS L 76:1959 (withdrawn)
Aluminium-copper-magnesium-silicon-manganese alloy billets and bars for forging and forgings (solution treated and aged at room temperature)

BS 2L 77:1971 (2003)
Specification for forging stock and forgings of aluminium-copper-magnesium-silicon-manganese alloy (solution treated and precipitation treated) (Cu 4.4, Mg 0.5, Si 0.7, Mn 0.8)
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BS 3L 78:1970 (1985) (obsolescent)
Specification for ingots and castings of aluminium-silicon-copper-magnesium alloy (solution treated and precipitation treated) (Si 5, Cu 1.2, Mg 0.5)
Replaces BS 2L 78:1967.
AMD 3760, September 1981 (£0.00(M), £0.00(NM))[R].
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BS L 79:1959 (withdrawn)
Aluminium-silicon-copper alloy ingots and castings

BS 3L 80:1985 (obsolescent)
Specification for sheet and strip of aluminium-2¼% magnesium alloy (temper designation-O)
Replaces BS 2L 80:1973.
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BS 3L 81:1985 (obsolescent)
Specification for sheet and strip of aluminium-2¼% magnesium alloy (temper designation H16 or H26)
Replaces BS 2L 81:1973.
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BS L 82:1961 (withdrawn)
Aluminium-3½ per cent magnesium alloy sheets and strips (soft)

BS 2L 83:1971 (obsolescent)
Specification for forging stock, bars, extruded sections and forgings of aluminium-copper-nickel-magnesium-iron-silicon alloy (solution treated and precipitation treated) (Cu 2, Ni 1, Mg 1, Si 0.9, Fe 0.9)
AMD 2432, January 1978 (£0.00(M), £0.00(NM))[R].
6 pages £11.00(M), £22.00(NM) ACE/61/-/24

BS 2L 84:1971 (withdrawn)
Specification for bars and extruded sections of aluminium-copper-silicon-magnesium alloy (solution treated and aged at room temperature) (not exceeding 200 mm diameter or minor sectional dimension) (Cu 1.5, Si 1, Mg 0.8)

BS 2L 85:1971 (1985) (obsolescent)
Specification for forging stock, bars, extruded sections and forgings of aluminium-copper-silicon-magnesium alloy (solution treated and precipitation treated) (Cu 1.5, Si 1, Mg 0.8)
AMD 2444, February 1978 (£0.00(M), £0.00(NM))[R].
6 pages £11.00(M), £22.00(NM) ACE/61/-/24

BS 3L 86:1971 (1980) (obsolescent)
Specification for wire for solid, cold-forged rivets of aluminium-copper-magnesium alloy (not exceeding 10 mm diameter) (Cu 2.5, Mg 0.3)
Replaces BS 2L 86:1967.
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BS 2L 87:1971 (1980) (obsolescent)
Specification for hexagonal bars for nuts, couplings and hollow machined parts of aluminium-copper-magnesium-silicon-manganese alloy (solution treated and precipitation treated) (free from peripheral and asymmetric coarse grain) (not less than 14 mm nor more than 36 mm across flats) (Cu 4.4, Mg 0.5, Si 0.7, Mn 0.8)
Replaces BS L 87:1964.
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BS 2L 88:1971 (withdrawn)
Specification for aluminium-alloy-coated sheet and strip of aluminium-zinc-magnesium-copper-chromium alloy (solution treated and precipitation treated) (Zn 5.8, Mg 2.5, Cu 1.6, Cr 0.15)
Replaced by BS EN 2092:1994.

BS 2L 89:1971 (withdrawn)
Close toleranced sheet and strip of aluminium-coated aluminium-copper-magnesium-silicon-manganese alloy (solution treated and aged at room temperature) (Cu 4.4, Mg 0.5, Si 0.7, Mn 0.8)

BS 2L 90:1971 (withdrawn)
Close toleranced sheet and strip of aluminium-copper-magnesium-silicon-manganese alloy (solution treated and precipitation treated) (Cu 4.4, Mg 0.5, Si 0.7, Mn 0.8)

BS 2L 91:1970 (withdrawn)
Specification for ingots and castings of aluminium-copper alloy (165 MN/m² 0.2 per cent proof stress) (Cu 4.5)

BS 2L 92:1970 (withdrawn)
Specification for ingots and castings of aluminium-copper alloy (200 MN/m² 0.2 per cent proof stress) (Cu 4.5)

BS 2L 93:1971 (1985) (obsolescent)
Specification for plate of aluminium-copper-magnesium-silicon-manganese alloy (solution treated, controlled stretched and precipitation treated) (Cu 4.4, Mg 0.5, Si 0.7, Mn 0.8)
Replaces BS L 93:1968.
AMD 6841, November 1991 (£0.00(M), £0.00(NM))[R].
6 pages £14.00(M), £28.00(NM) ACE/61/-/24

BS 2L 94:1971 (withdrawn)
Plate of aluminium-copper-magnesium-silicon-manganese alloy (solution treated and precipitation treated: not controlled stretched) (Cu 4.4, Mg 0.5, Si 0.7, Mn 0.8)

BS 2L 95:1971 (1980) (obsolescent)
Specification for plate of aluminium-zinc-magnesium-copper-chromium alloy (solution treated, controlled stretched and precipitation treated) (Zn 5.8, Mg 2.5, Cu 1.6, Cr 0.15)
Replaced by BS EN 2126:1992 but remains current.
AMD 6842, November 1991 (£0.00(M), £0.00(NM))[R].
6 pages £14.00(M), £28.00(NM) ACE/61/-/24

BS 2L 96:1971 (withdrawn)
Plate of aluminium-zinc-magnesium-copper-chromium alloy (solution treated and precipitation treated: not controlled stretched) (Zn 5.8, Mg 2.5, Cu 1.6, Cr 0.15)

BS 2L 97:1971 (1980) (obsolescent)
Specification for plate of aluminium-copper-magnesium-manganese alloy (solution treated, controlled stretched and aged at room temperature) (Cu 4.4, Mg 1.5, Mn 0.6)
Replaces BS L 97:1968.
AMD 6843, November 1991 (£0.00(M), £0.00(NM))[R].
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BS 2L 98:1971 (obsolescent)
Specification for plate of aluminium-copper-magnesium-manganese alloy (solution treated and aged at room temperature: not controlled stretched) (Cu 4.4, Mg 1.5, Mn 0.6)
AMD 2433, January 1978 (£0.00(M), £0.00(NM))[R]
AMD 890, March 1972 (£0.00(M), £0.00(NM))[R].
8 pages £11.00(M), £22.00(NM) ACE/61/-/24

BS 2L 99:1972 (1999)
Specification for ingots and castings of aluminium-silicon-magnesium alloy (solution treated and precipitation treated) (Si 7, Mg 0.3)
Replaces BS L 99:1969.
AMD 3739, September 1981 (£0.00(M), £0.00(NM))[R]
AMD 6543, March 1991 (£0.00(M), £0.00(NM))[R].
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BS 4L 100:1993
Procedure for inspection, testing and acceptance of wrought aluminium and aluminium alloys
Specifies the general requirements for aerospace use.
Replaces BS 3L 100:1971.
AMD 7884, September 1993 (£0.00(M), £0.00(NM))[R]
AMD 8717, November 1995 (£0.00(M), £0.00(NM))[R].
106 pages £71.00(M), £142.00(NM) ACE/61

BS 4L 101:1990 (2003)
Procedure for inspection, testing and acceptance of aluminium-base and magnesium-base ingots and castings
Includes requirements relating to heat treatment of castings, the use of polymer quenchant, radiographic defects and certification. Samples to represent precision castings and requirements for the repair of castings have been included. Does not include special test requirements for castings not subject to cut-up testing.
Replaces BS 3L 101:1970.
18 pages £36.00(M), £72.00(NM) ACE/61/-/24

BS L 102:1971 (1985) (obsolescent)
Specification for bars and extruded sections of aluminium-copper-magnesium-silicon-manganese alloy (solution treated and aged at room temperature) (not exceeding 200 mm diameter or minor sectional dimension) (Cu 4.4, Mg 0.5, Si 0.7, Mn 0.8)
Replaces BS L 64:1959.
Replaced by BS EN 2100:1992 but remains current.
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BS L 103:1971 (1985) (obsolescent)
Specification for forging stock and forgings of aluminium-copper-magnesium-silicon-manganese alloy (solution treated and aged at room temperature) (Cu 4.4, Mg 0.5, Si 0.7, Mn 0.8)
Replaces BS L 76:1959.
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BS L 104:1971 (withdrawn)
Sheet and strip of aluminium-copper-magnesium-silicon-manganese alloy (solution treated and precipitation treated) (Cu 4.4, Mg 0.5, Si 0.7, Mn 0.8)

BS L 105:1971 (2003)
Specification for tube of aluminium-copper-magnesium-silicon-manganese alloy (solution treated and aged at room temperature) (not exceeding 10 mm wall thickness) (Cu 4.4, Mg 0.5, Si 0.7, Mn 0.8)
Replaces BS 2L 62:1961.
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BS L 106:1971 (withdrawn)
Sheet and strip of aluminium-copper-magnesium-silicon-manganese alloy (supplied for solution treatment by the user)

BS L 107:1971 (withdrawn)
Aluminium-coated sheet and strip of aluminium-copper-magnesium-silicon-manganese alloy (supplied for solution treatment by the user)

BS L 108:1971 (withdrawn)
Close toleranced sheet and strip of aluminium-coated aluminium-copper-magnesium-silicon-manganese alloy (supplied for solution treatment by the user)

BS L 109:1971 (2003)
Specification for aluminium-coated sheet and strip of aluminium-copper-magnesium-manganese alloy (solution treated and aged at room temperature) (Cu 4.4, Mg 1.5, Mn 0.6)
AMD 3310, July 1980 (£0.00(M), £0.00(NM))[R].
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BS L 110:1971 (2003)
Specification for aluminium-coated sheet and strip of aluminium-copper-magnesium-manganese alloy (supplied for solution treatment by the user) (Cu 4.4, Mg 1.5, Mn 0.6)
AMD 3311, July 1980 (£0.00(M), £0.00(NM))[R].
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BS L 111:1971 (1980) (obsolescent)
Specification for bars and extruded sections of aluminium-magnesium-silicon-manganese alloy (solution treated and precipitation treated) (suitable for welding) (Mg 0.8, Si 1, Mn 0.7)
Replaced by BS EN 2326:1992 but remains current.
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BS L 112:1971 (1999)
Specification for forging stock and forgings of aluminium-magnesium-silicon-manganese alloy (solution treated and precipitation treated) (suitable for welding) (Mg 0.8, Si 1, Mn 0.7)
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BS L 113:1971 (2003)
Specification for sheet and strip of aluminium-magnesium-silicon-manganese alloy (solution treated and precipitation treated) (suitable for welding) (Mg 0.8, Si 1, Mn 0.7)
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BS L 114:1971 (2003)
Specification for tube of aluminium-magnesium-silicon-manganese alloy (solution treated and precipitation treated) (not exceeding 10 mm wall thickness) (suitable for welding) (Mg 0.8, Si 1, Mn 0.7)
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BS L 115:1971 (2003)
Specification for plate of aluminium-magnesium-silicon-manganese alloy (solution treated, controlled stretched and precipitation treated) (not exceeding 25 mm thickness) (suitable for welding) (Mg 0.8, Si 1, Mn 0.7)
AMD 6844, November 1991 (£0.00(M), £0.00(NM))[R].
6 pages £14.00(M), £28.00(NM) ACE/61/-/24

BS 2L 116:1985 (withdrawn)
Specification for tube of 99% aluminium (cold drawn: seamless, not tested hydraulically) (not exceeding 12 mm wall thickness)

BS L 117:1975 (2003)
Specification for tube of aluminium-magnesium-silicon-copper-chromium alloy (solution treated and artificially aged: not tested hydraulically) (not exceeding 10 mm thickness) (Mg 1.0, Si 0.6, Cu 0.28, Cr 0.2)
AMD 3827, March 1982 (£0.00(M), £0.00(NM))[R].
6 pages £14.00(M), £28.00(NM) ACE/61/-/24

BS L 118:1975 (2003)
Specification for tube of aluminium-magnesium-silicon-copper-chromium alloy (solution treated and artificially aged: tested hydraulically) (not exceeding 10 mm thickness) (Mg 1.0, Si 0.6, Cu 0.28, Cr 0.2)
AMD 3829, March 1982 (£0.00(M), £0.00(NM))[R]
AMD 5995, August 1988 (£0.00(M), £0.00(NM))[R].
10 pages £18.00(M), £36.00(NM) ACE/61/-/24

BS L 119:1975 (2003)
Specification for ingots and castings of aluminium-copper-nickel-manganese-titanium-zirconium-cobalt-antimony alloy (solution treated and artificially aged) (Cu 5.0, Ni 1.5, Mn 0.25, Ti 0.2, Zr 0.2, Co 0.2, Sb 0.2)
AMD 3738, September 1981 (£0.00(M), £0.00(NM))[R]
AMD 6544, December 1990 (£0.00(M), £0.00(NM))[R].
6 pages £14.00(M), £28.00(NM) ACE/61/-/24

BS 2L 120:1959 (withdrawn)
99.8 per cent magnesium ingots and notched bars for remelting

BS 2L 121:1959 (withdrawn)
Magnesium-8 per cent aluminium alloy ingots and castings (as cast)

BS 3L 122:1970 (1999)
Specification for ingots and castings of magnesium-8% aluminium-zinc-manganese alloy (solution treated) (Al 8, Zn 0.5, Mn 0.3)
Replaces BS 2L 122:1959.
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BS 3L 124:1970 (obsolescent)
Specification for ingots and castings of magnesium - 10% aluminium-zinc-manganese alloy (solution treated) (Al 10, Zn 0.5, Mn 0.3)
Replaces BS 2L 124:1959.
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BS 3L 125:1970 (1980) (obsolescent)
Specification for ingots and castings of magnesium - 10% aluminium-zinc-manganese alloy (solution treated and precipitation treated) (Al 10, Zn 0.5, Mn 0.3)
Replaces BS 2L 125:1959.
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BS 2L 126:1970 (2003)
Specification for ingots and castings of magnesium-cerium-zinc-zirconium alloy (precipitation treated) (rare earth metals 3.0, Zn 2.3, Zr 0.6)
Replaces BS L 126:1960.
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BS 2L 127:1970 (1980) (obsolescent)
Specification for ingots and castings of magnesium-zinc-zirconium alloy (precipitation treated) (Zn 4.5, Zr 0.7)
Replaces BS L 127:1960.
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BS 2L 128:1970 (1999)
Specification for ingots and castings of magnesium-zinc-cerium-zirconium alloy (precipitation treated) (Zn 4.5, rare earth metals 1.2, Zr 0.7)
Replaces BS L 128:1960.
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BS L 150:1975 (withdrawn)
Sheet and strip of aluminium-copper-magnesium-silicon-manganese alloy (solution treated and artificially aged) (Cu 4.4, Mg 0.5, Si 0.8, Mn 0.8)

BS L 151:1975 (withdrawn)
Aluminium-coated sheet and strip aluminium-copper-magnesium-silicon-manganese alloy (solution treated and aged at room temperature) (Cu 4.4, Mg 0.5, Si 0.8, Mn 0.8)

BS L 152:1975 (withdrawn)
Aluminium-coated sheet and strip aluminium-copper-magnesium-silicon-manganese alloy (solution treated and artificially aged) (Cu 4.4, Mg 0.5, Si 0.8, Mn 0.8)

BS L 153:1975 (withdrawn)
Aluminium-coated sheet and strip aluminium-copper-magnesium-silicon-manganese alloy (supplied for solution treatment by the user) (Cu 4.4, Mg 0.5, Si 0.8, Mn 0.8)

BS L 154:1977 (2003)
Specification for ingots and castings of aluminium-copper-silicon alloy (solution treated and aged at room temperature) (Cu 4, Si 1)
AMD 3737, September 1981 (£0.00(M), £0.00(NM))[R]
AMD 6546, April 1991 (£0.00(M), £0.00(NM))[R].
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BS L 155:1977 (2003)
Specification for ingots and castings of aluminium-copper-silicon alloy (solution treated and artificially aged) (Cu 4, Si 1)
AMD 3736, September 1981 (£0.00(M), £0.00(NM))[R]
AMD 6545, March 1991 (£0.00(M), £0.00(NM))[R].
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BS L 156:1978 (withdrawn)
Specification for sheet and strip of aluminium-copper-magnesium-silicon-manganese alloy (solution treated and aged at room temperature) (Cu 4.4, Mg 0.5, Si 0.8, Mn 0.8)
Replaced by BS EN 2395:1994.

BS L 157:1978 (withdrawn)
Specification for sheet and strip of aluminium-copper-magnesium-silicon-manganese alloy (solution treated and artificially aged) (Cu 4.4, Mg 0.5, Si 0.8, Mn 0.8)
Replaced by BS EN 2089:1994.

BS L 158:1978 (obsolescent)
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Specification. Bars and extruded sections of aluminium-zinc-magnesium-copper-chromium alloy (solution treated and artificially aged to an overaged condition) (Zn 5.6, Mg 2.5, Cu 1.6, Cr 0.22)
Replaced by BS EN 2127:1992 but remains current.
AMD 5583, July 1987 (£0.00(M), £0.00(NM))[R].
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BS L 161:1976 (1985) (obsolescent)
Specification. Hand and die forgings of aluminium-zinc-magnesium-copper-chromium alloy (solution treated and artificially aged to an overaged condition) (Zn 5.6, Mg 2.5, Cu 1.6, Cr 0.22)
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Specification. Cold compressed hand forgings of aluminium-zinc-magnesium-copper-chromium alloy (solution treated and artificially aged to an overaged condition) (Zn 5.6, Mg 2.5, Cu 1.6, Cr 0.22)
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Specification for sheet and strip of aluminium-coated aluminium-copper-magnesium-silicon-manganese alloy (solution treated, cold worked for flattening and aged at room temperature) (Cu 4.4, Mg 0.5, Si 0.8, Mn 0.8)
Replaces BS 3L 72:1971.
AMD 13569, April 2002 (£0.00(M), £0.00(NM))[R].
6 pages £29.00(M), £58.00(NM) ACE/61/-/24

BS L 164:1978 (1996)
Specification for sheet and strip of aluminium-coated aluminium-copper-magnesium-silicon-manganese alloy (solution treated and aged at room temperature) (Cu 4.4, Mg 0.5, Si 0.8, Mn 0.8)
Replaces BS L 151:1975 and BS L 153:1975.
AMD 10928, September 2000 (£0.00(M), £0.00(NM))[R].
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BS L 165:1978 (1996)
Specification for sheet and strip of aluminium-coated aluminium-copper-magnesium-silicon-manganese alloy (solution treated and artificially aged) (Cu 4.4, Mg 0.5, Si 0.8, Mn 0.8)
Replaces BS L 152:1975.
AMD 13572, April 2002 (£0.00(M), £0.00(NM))[R]
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Specification for close toleranced sheet and strip of aluminium-coated aluminium-copper-magnesium-silicon-manganese alloy (solution treated and aged at room temperature) (Cu 4.4, Mg 0.5, Si 0.8, Mn 0.8)
AMD 13571, April 2002 (£0.00(M), £0.00(NM))[R].
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BS L 167:1978 (1996) (obsolescent)
Specification for close toleranced sheet and strip of aluminium-coated aluminium-copper-magnesium-silicon-manganese alloy (solution treated and artificially aged) (Cu 4.4, Mg 0.5, Si 0.8, Mn 0.8)
Replaces BS 2L 90:1971.
AMD 13570, April 2002 (£0.00(M), £0.00(NM))[R]
AMD 6392, July 1991 (£0.00(M), £0.00(NM))[R].
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BS L 168:1978 (1999)
Specification for bars and extruded sections of aluminium-copper-magnesium-silicon-manganese alloy (solution treated and artificially aged) (not exceeding 200 mm diameter or minor sectional dimension) (Cu 4.4, Mg 0.5, Si 0.7, Mn 0.8)
Replaces BS 3L 65:1971.
AMD 7876, August 1993 (£0.00(M), £0.00(NM))[R].
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BS 2L 169:2002
Ingots (as cast) and castings (solution treated and artificially aged) of aluminium-silicon-magnesium alloy (Si 7, Mg 0.6)
Replaces BS L 169:1986.
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Specification for extruded bars and sections of aluminium-zinc-copper-chromium alloy (solution treated, controlled stretched and artificially aged) (not exceeding 150 mm diameter or minor sectional dimension) (Zn 5.6, Mg 2.5, Cu 1.6, Cr 0.23) (7075)
Chemical composition, heat treatment, mechanical properties and inspection and test procedures for bars supplied in the solution treated, controlled stretched and artificially aged condition, for use in that condition.
AMD 6838, November 1991 (£0.00(M), £0.00(NM))[R].
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BS L 171:1990 (1999)
Specification for forging of aluminium-zinc-magnesium-manganese-copper alloy (supplied as-forged or annealed for subsequent heat treatment) (not exceeding 150 mm diameter or minor sectional dimension) (Zn 5.7, Mg 2.7, Mn 0.5, Cu 0.5) (7014)
Chemical composition, heat treatment, mechanical properties and inspection and testing procedures.
AMD 6839, November 1991 (£0.00(M), £0.00(NM))[R].
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BS L 172:1989 (1999)
Specification for extruded, rolled or cast forging stock of aluminium-zinc-magnesium-manganese-copper alloy (for manufacture of forgings to BS L 171) (Zn 5.7, Mg 2.7, Mn 0.5, Cu 0.5) (7014)
Chemical composition, heat treatment, mechanical properties and inspection and testing procedures.
AMD 6561, December 1990 (£0.00(M), £0.00(NM))[R]
AMD 6840, November 1991 (£0.00(M), £0.00(NM))[R].
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Specification for castings of aluminium-silicon-magnesium alloy, chill cast (solution treated and precipitation treated to an overaged (T7) condition)
Inspection and testing procedure, chemical composition, heat treatment and mechanical properties for alloys in an overaged (stabilized) condition.
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Specification for castings of aluminium-silicon-magnesium alloy, sand cast (solution treated and precipitation treated to an overaged (T7) condition)
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BS L 501:1967 (withdrawn)
Magnesium-zinc alloy extruded bars and sections

BS L 502:1967 (withdrawn)
Magnesium-aluminium-zinc alloy forging stock and forgings

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Specification for tube of magnesium-6% aluminium-zinc alloy (Al 6.0, Zn 1.0)
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BS 2L 505:1973 (1985) (obsolescent)
Specification for bars and extruded sections of magnesium-3% zinc-zirconium alloy (not exceeding 100 mm diameter or minor sectional dimension) (Zn 3.0, Zr 0.6)
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BS L 506:1967 (withdrawn)
Magnesium-3 per cent zinc-zirconium alloy forging stock and forgings

BS L 507:1967 (withdrawn)
Magnesium-1¼ per cent zinc-zirconium alloy sheets and strips (suitable for welding by inert-gas shielded arc techniques)

BS 2L 508:1973 (1985) (obsolescent)
Specification for bars and extruded sections of magnesium-1¼% zinc-zirconium alloy (suitable for welding by inert-gas shielded arc techniques) (not exceeding 50 mm diameter or minor sectional dimension) (Zn 1.25, Zr 0.6)
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BS 2L 509:1973 (1985) (obsolescent)
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BS L 510:1967 (withdrawn)
Magnesium-aluminium-zinc-manganese alloy sheets (half hard)

BS L 511:1967 (withdrawn)
Magnesium-aluminium-zinc-manganese alloy sheets (soft)

BS L 512:1973 (1985) (obsolescent)
Specification for bars and extruded sections of magnesium-6% aluminium-zinc alloy (not exceeding 150 mm diameter or minor sectional dimension) (Al 6.0, Zn 1.0)
Replaces BS L 501:1967.
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BS L 513:1973 (1999)
Specification for forging stock and forgings of magnesium-6% aluminium-zinc alloy (Al 6.0, Zn 1.0)
Replaces BS L 502:1967.
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BS L 514:1973 (1985) (obsolescent)
Specification for forging stock and forgings of magnesium-3% zinc-zirconium alloy (Zn 3.0, Zr 0.6)
Replaces BS L 506:1967.
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BS L 515:1973 (1985) (obsolescent)
Specification for sheet and strip of magnesium-1¼% zinc-zirconium alloy (suitable for welding by inert-gas shielded arc techniques) (Zn 1.25, Zr 0.6)
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M Miscellaneous

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BS 5M 23:1987 (2002) ≡ISO 12
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AMD 6071, July 1989 (£0.00(M), £0.00(NM))[R].
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BS M 30:1967 (withdrawn)
Aircraft tyre growth and clearance dimensions

BS M 31:1970 (withdrawn)
Recommendations for symbols for flight dynamics

BS M 31:Supplement No. 1:1974 (withdrawn)
Recommendations for symbols for flight dynamics

BS M 32:1969 (1998) ≠ISO 1971
Specification for dimensions of aircraft accessory drives and mounting pads
AMD 1221, July 1973 (£0.00(M), £0.00(NM))[R]
AMD 343, October 1969 (£0.00(M), £0.00(NM))[R]
AMD 481, April 1970 (£0.00(M), £0.00(NM))[R].
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BS M 33:1970 (obsolescent)
Specification for dimensions of elastomeric toroidal sealing rings (inch series) to Class 1 tolerances for aircraft
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AMD 1625, December 1974 (£0.00(M), £0.00(NM))[R].
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BS M 35:1970 (withdrawn)
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BS 3M 45-2:1998 ≡ISO 3324-2:1998
Aircraft tyres and rims. Test methods for tyres
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AMD 10487, October 1999 (£0.00(M), £0.00(NM))[R].
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Specification for outside diameters and thicknesses of tubing
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BS 2M 54:1991 (2004)
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BS M 55:1984 (2001) ≡ISO 7257
Method for rotary flexure testing of hydraulic tubing joints and fittings for aerospace use
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BS M 56:1985 (2001) ≡ISO 7258:1984
Methods for determination of density and relative density of polytetrafluoroethylene (PTFE) tubing for aerospace applications
Specifies three methods for the determination of the density and relative density of PTFE tubing used in the manufacture of medium and high pressure hose assemblies for aerospace applications: 1. Density gradient column method without a preconditioning heating and cooling cycle. 2. Water displacement method. 3. Density gradient column method with a preconditioning heating and cooling cycle.
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BS M 57:1985 ≡ISO 7313
Specification for high temperature convoluted hose assemblies in polytetrafluoroethylene (PTFE) for aerospace applications
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BS M 58:1986 (2004) ≡ISO 8080
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Requirements for producing and testing an unsealed anodic coating. The coating is used with solid film lubricants to prevent galling of titanium fasteners and for protection against galvanic corrosion when in contact with less noble metals.
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Specification for interface of metric couplings, 24° cone, for aerospace fluid systems
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BS 3M 60:1998 ≡ISO 7169:1998
Separable tube fittings for fluid systems, 24° cone. General specification
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BS M 61:1989 ≡ISO 7315
Specification for envelope dimensions of "P" clamps (loop clamps) for fluid systems
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BS M 62:1987 (2001) ≡ISO 7661
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BS M 64:1987 (2001) ≡ISO 8177
Specification for dimensions of omega clamps (saddle clamps) for fluid tubing installations
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Specification for pressure compensated variable delivery hydraulic pumps
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BS M 66:1987 (2001) ≡ISO 8479
Specification for dimensions of 'Q' clamps (centre-mounted clamps) for fluid systems
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of 5 mm, for aerospace tubing.
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BS M 68:1992 =ISO 9469:1991
Specification for air cargo unit load devices for transportation of horses
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BS 2M 72:1996 (withdrawn)
Air cargo equipment. Minimum airworthiness requirements and test conditions for certified air cargo unit load devices
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Aerospace. Aircraft de-icing/anti-icing methods with fluids
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BS M 81:1995 (withdrawn)
Air cargo equipment. Wide body aircraft lower deck container/pallet loader. Functional requirements
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BS 4N 100-2:1999 (2007)
Aircraft oxygen systems and equipment. Tests for the compatibility of materials in the presence of oxygen
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AMD 13414, February 2002 (£0.00(M), £0.00(NM))[R]
AMD 15357, October 2005 (£0.00(M), £0.00(NM))[R].
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AMD 14906, March 2004 (£0.00(M), £0.00(NM))[R].
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BS 4N 100-4:1999 (2007)
Aircraft oxygen systems and equipment. Guide to the physiological factors
Replaces BS 3N 100:1985.
AMD 14191, February 2003 (£0.00(M), £0.00(NM))[R].
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Aircraft oxygen systems and equipment. Guide to fire and explosion hazards associated with oxygen, including handling, storage and replenishment
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R

BS R 1:1954 (withdrawn)
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BS R 2:1956 (withdrawn)
Basic characteristics of radio service selection and intercommunication systems for civil aircraft

S Steels

BS 7S 1:1964 (obsolescent)
Specification for aircraft material. Carbon steel bright bars for machining (35/45 tonf/sq in; maximum size, 4 inches diameter or minor sectional dimension)
Replaces BS 6S 1:1953.
PD 6306, January 1968 (£0.00(M), £0.00(NM))[R].
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BS 2S 2:1927 (withdrawn)
55-ton alloy steel bars
See S 94, S 95 and S 96.

BS 3S 3:1936 (withdrawn)
Mild steel sheets and strips (suitable for welding)

BS 3S 4:1936 (withdrawn)
5 per cent nickel steel sheets (not suitable for welding)
See S 514.

BS 3S 6:1936 (withdrawn)
'40' carbon steel (normalized)

BS S 8:1917 (withdrawn)
3 per cent nickel steel bars (hardened and tempered)

BS S 9:1917 (withdrawn)
3 per cent nickel steel forgings and stampings (hardened and tempered)

BS S 10:1917 (withdrawn)
3 per cent nickel steel bars and billets for forging or stamping

BS 4S 11:1937 (withdrawn)
55-65 ton nickel chromium steel
See S 94, S 95 and S 96.

BS 2S 12:1918 (withdrawn)
High tensile alloy steel bars and billets for forging or stamping

BS S 13:1917 (withdrawn)
10 carbon case-hardening steel

BS 4S 14:1964 (obsolescent)
Specification for aircraft material. Carbon case-hardening steel
Replaces BS 3S 14:1949.
PD 6307, January 1968 (£0.00(M), £0.00(NM))[R].
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BS 5S 15:1964 (1985) (obsolescent)
Specification for aircraft material. 3 per cent nickel case-hardening steel
Replaces BS 4S 15:1949.
PD 6308, January 1968 (£0.00(M), £0.00(NM))[R].
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BS 3S 16:1917 (withdrawn)
Nickel chrome case-hardening steel

BS 3S 17:1918 (withdrawn)
5 per cent nickel case-hardening steel

BS 2S 18:1918 (withdrawn)
100-ton alloyed steel

BS S 19:1917 (withdrawn)
Chromium steel forgings and stampings (suitable for valves)

BS 3S 20:1930 (withdrawn)
Tinned steel sheets

BS 5S 21:1964 (obsolescent)
Specification for aircraft material. '20' carbon steel (suitable for welding) (25/35 tonf/sq in: maximum size 6 inches diameter or minor sectional dimension)
Replaces BS 4S 21:1949.
PD 6309, January 1968 (£0.00(M), £0.00(NM))[R].
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BS S 23:1917 (withdrawn)
Medium carbon steel bars and billets

BS 3S 24:1930 (withdrawn)
Bright steel bars for keys

BS S 25:1917 (withdrawn)
High carbon steel bars

BS S 26:1917 (withdrawn)
40-ton carbon steel forgings and stampings (hardened and tempered)

BS S 27:1917 (withdrawn)
40-ton carbon steel bars and billets for forging or stamping

BS 4S 28:1964 (obsolescent)
Specification for aircraft material. 4 per cent nickel-chromium-molybdenum steel (air hardening) (100 tonf/sq in: limiting ruling section 2½ in)
Replaces BS 3S 28:1949.
AMD 2541, April 1980 (£0.00(M), £0.00(NM))[R]
PD 6310, January 1968 (£0.00(M), £0.00(NM))[R].
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BS S 31:1919 (withdrawn)
Steel wire for cold headed screws and bolts

BS S 32:1918 (withdrawn)
Iron or mild steel wire for acetylene or hydrogen welding

BS S 33:1918 (withdrawn)
60-ton alloy steel

BS S 34:1918 (withdrawn)
60-ton alloy steel bars (hardened and tempered)

BS S 40:1922 (withdrawn)
Extra high tensile alloy steel strip

BS S 43:1922 (withdrawn)
Medium tensile alloy steel strip

BS S 46:1922 (withdrawn)
Nickel steel strip

BS 3S 61:1964 (obsolescent)
Specification for aircraft material. 12 per cent chromium corrosion-resisting steel (35/45 tonf/sq in: limiting ruling section 6 in)
Replaces BS 2S 61:1949.
PD 6311, January 1968 (£0.00(M), £0.00(NM))[R].
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BS 3S 62:1964 (obsolescent)
Specification for aircraft material. 12 per cent chromium corrosion-resisting steel (45/55 tonf/sq in: limiting ruling section 6 in)
Replaces BS 2S 62:1949.
PD 6312, January 1968 (£0.00(M), £0.00(NM))[R].
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BS S 65:1927 (withdrawn)
65-ton nickel chrome steel
See S 97.

BS S 67:1927 (withdrawn)
5 per cent nickel case-hardening steel

BS S 68:1927 (withdrawn)
16 per cent tungsten steel

BS S 69:1927 (withdrawn)
3½ per cent nickel steel
See S 94, S 95 and S 96.

BS 3S 70:1964 (withdrawn)
Specification for aircraft material. '55' carbon steel (normalized) (45/55 tonf/sq in: limiting ruling section 4 in)

BS S 71:1927 (withdrawn)
'30' carbon steel (normalized)

BS 2S 76:1937 (withdrawn)
'40' carbon steel (hardened and tempered)

BS S 77:1927 (withdrawn)
'30' carbon steel (hardened and tempered)

BS 3S 79:1964 (withdrawn)
Specification for aircraft material. '55' carbon steel (hardened and tempered) (55/65 tonf/sq in: limiting ruling section 1½ in)

BS 7S 80:2002
High chromium-nickel corrosion resisting steel forging stock, bars, forgings and parts (880 to 1080 MPa: limiting ruling section 100 mm)
Replaces BS 6S 80:1990.
AMD 14978, March 2004 (£0.00(M), £0.00(NM))[R].
AMD 14978 is a Corrigendum.
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BS 2S 81:1936 (withdrawn)
65 to 75-ton nickel chromium steel
See S 97.

BS 5S 82:1976 (2004)
Specification. 4% nickel-chromium-molybdenum case-hardening steel billets, bars, forgings and parts (1320-1520 MPa)
Replaces BS 4S 82:1969.
AMD 14161, May 2003 (£0.00(M), £0.00(NM))[R]
AMD 2217, February 1977 (£0.00(M), £0.00(NM))[R]
AMD 3532, August 1981 (£0.00(M), £0.00(NM))[R].
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BS S 83:1932 (withdrawn)
High tensile 5 per cent nickel case-hardening steel

BS S 84:1936 (withdrawn)
Low carbon steel sheets and strips (suitable for welding)

BS S 85:1936 (withdrawn)
Non-corrodible steel sheets

BS S 86:1936 (withdrawn)
Nickel chromium steel sheets and strips (40-50 tons, 0.1 per cent proof stress)
See S 514.

BS S 87:1936 (withdrawn)
Nickel chromium steel sheets and strips (55-60 tons, 0.1 per cent proof stress)

BS S 88:1936 (withdrawn)
High tensile nickel chromium steel strips (65-75 tons, 0.1 per cent proof stress)

BS S 90:1936 (withdrawn)
High tensile 5 per cent nickel case-hardening steel
See S 107.

BS 3S 91:1977 (1985) (obsolescent)
Specification for mild steel billets, bars, forgings and parts (suitable for bearing shells)
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BS 2S 92:1964 (obsolescent)
Specification for aircraft material. Carbon-manganese steel (suitable for welding) (40/55 tonf/sq in: limiting ruling section 4 in)
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PD 6315, January 1968 (£0.00(M), £0.00(NM))[R].
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BS 2S 93:1964 (obsolescent)
Specification for aircraft material. '40' carbon steel (normalized) (35/45 tonf/sq in: limiting ruling section 6 in)
Replaces BS S 93:1949.
PD 6316, January 1968 (£0.00(M), £0.00(NM))[R].
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BS 2S 94:1955 (withdrawn)
55-ton low alloy steel

BS 3S 95:1967 (obsolescent)
Specification for 1½ per cent nickel-chromium-molybdenum steel (90/110 kgf/mm² (57/70 tonf/in²): limiting ruling section 150 mm (6 in))

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Replaces BS 2S 95:1964.
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BS 2S 96:1964 (withdrawn)
2½ per cent nickel-chromium-molybdenum steel (55/65 tonf/sq in: limiting ruling section 6 in)

BS 2S 97:1964 (obsolescent)
Specification for aircraft material. 2½ per cent nickel-chromium-molybdenum steel (65/75 tonf/sq in: limiting ruling section 6 in)
Replaces BS S 97:1949.
AMD 5677, July 1988 (£0.00(M), £0.00(NM))[R]
PD 6318, January 1968 (£0.00(M), £0.00(NM))[R].
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BS 2S 98:1964 (obsolescent)
Specification for aircraft material. 2½ per cent nickel-chromium-molybdenum steel (high carbon) (75/85 tonf/sq in: limited ruling section 6 in)
Replaces BS S 98:1949.
AMD 5680, July 1988 (£0.00(M), £0.00(NM))[R]
PD 6319, January 1968 (£0.00(M), £0.00(NM))[R].
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BS 5S 99:1994 (2004)
Specification for 2.5% nickel-chromium-molybdenum (high carbon) steel billets, bars, forgings and parts (1230-1420 MPa: limiting ruling section 150 mm)
Replaces BS 4S 99:1976.
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BS 5S 100:1993
Procedure for inspection, testing and acceptance of wrought steels (other than plate, sheet, strip and tube)
Specifies the requirements for steel billets, bars, rods and forgings, of parts made from such forms and subsequently heat treated, and of spring steel rods for wire drawing, spring wire and springs, for aerospace purposes.
Replaces BS 4S 100:1975.
AMD 10292/R, February 1999 (£0.00(M), £0.00(NM))[R]
AMD 13966, March 2003 (£0.00(M), £0.00(NM))[R].
AMD 10292/r corrects and reprints AMD 10292.
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BS 3S 102:1969 (obsolescent)
Specification for carbon-molybdenum steel (bar for the manufacture of forged bolts only)
Replaces BS 2S 102:1964.
AMD 818, November 1971 (£0.00(M), £0.00(NM))[R].
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BS 2S 103:1964 (withdrawn)
Low nickel chromium steel (wire only for the manufacture of bolts)

BS 3S 105:1969 (obsolescent)
Specification for carbon steel (bar for the manufacture of forged bolts only)
Replaces BS 2S 105:1964.
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BS 4S 106:1976 (2004)
Specification. 3% chromium-molybdenum steel billets, bars, forgings and parts (930-1080 MPa: limiting ruling section 150 mm) (suitable for nitriding)
Replaces BS 3S 106:1969.
AMD 3531, August 1981 (£0.00(M), £0.00(NM))[R].
AMD 13679, October 2002 (not available separately).
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BS 3S 107:1969 (withdrawn)
3 per cent nickel-chromium-molybdenum case-hardening steel

BS S 108:1949 (withdrawn)
Chromium-nickel heat-resisting steel (23/14)

BS S 109:1949 (withdrawn)
Chromium-nickel heat-resisting steel (23/18)

BS S 110:1949 (withdrawn)
Chromium-nickel steel (corrosion resisting)

BS 2S 111:1964 (obsolescent)
Specification for aircraft material. Nickel-chromium-tungsten valve steel
Replaces BS S 111:1949.
AMD 2553, April 1980 (£0.00(M), £0.00(NM))[R]
PD 6321, January 1968 (£0.00(M), £0.00(NM))[R].
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BS 2S 112:1964 (obsolescent)
Specification for aircraft material. Semi-free cutting carbon steel, bright bars for machining (40-50 tonf/sq in: maximum size ½ inch diameter or minor sectional dimension) (primarily intended for the manufacture of nuts)
Replaces BS S 112:1950.
PD 6322, January 1968 (£0.00(M), £0.00(NM))[R].
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BS 2S 113:1964 (obsolescent)
Specification for aircraft material. '40' carbon steel bright bars for machining (45-55 tonf/sq in: limiting ruling section 1 inch) (primarily intended for the manufacture of nuts)
Replaces BS S 113:1950.
PD 6323, January 1968 (£0.00(M), £0.00(NM))[R].
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BS 2S 114:1964 (obsolescent)
Specification for aircraft material. Manganese-molybdenum steel (55/65 tonf/sq in: limiting ruling section 2½ inches)
Replaces BS S 114:1950.
PD 6324, January 1968 (£0.00(M), £0.00(NM))[R].
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BS S 115:1952 (withdrawn)
1 per cent chromium steel

BS 2S 116:1964 (obsolescent)
Specification for aircraft material. '40' carbon steel bright bars for machining (55-65 tonf/sq in: limiting ruling section ¾ inch) (primarily intended for the manufacture of machined bolts)
Replaces BS S 116:1953.
PD 6325, January 1968 (£0.00(M), £0.00(NM))[R].
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BS 2S 117:1964 (obsolescent)
Specification for aircraft material. 1 per cent chromium steel (55/65 tonf/sq in: limiting ruling section 1⅛ inch)
Replaces BS S 117:1953.
PD 6326, January 1968 (£0.00(M), £0.00(NM))[R].
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BS S 118:1954 (withdrawn)
55-ton, low nickel-chromium-molybdenum steel

BS 2S 119:1964 (withdrawn)
Specification for aircraft material. 1½ per cent nickel-chromium-molybdenum steel (65/75 tonf/sq in: limiting ruling section 2½ in)

BS 2S 120:1964 (withdrawn)
Specification for aircraft material. 2½ per cent nickel-chromium-molybdenum steel (oil hardening) (100 tonf/sq in: limiting ruling section 2½ in)

BS S 122:1957 (withdrawn)
Low nickel-chromium steel

BS S 123:1958 (withdrawn)
55-ton, 3 per cent chromium-molybdenum steel

BS 2S 124:1964 (obsolescent)
Specification for aircraft material. 12 per cent chromium corrosion-resisting steel (free machining) (45/55 tonf/sq in: limiting ruling section 6 in)
Replaces BS S 124:1960.
PD 6329, January 1968 (£0.00(M), £0.00(NM))[R].
4 pages £14.00(M), £28.00(NM) ACE/61/-/15

BS S 125:1964 (withdrawn)
Specification for aircraft material. 23/14 chromium-nickel heat-resisting steel (titanium stabilized) (35 tonf/sq in: limiting ruling section 6 in)

BS S 126:1964 (obsolescent)
Specification for aircraft material. 23/14 chromium-nickel heat-resisting steel (niobium stabilized) (35 tonf/sq in: limiting ruling section 6 in)
Replaces BS S 108:1949.
PD 6331, January 1968 (£0.00(M), £0.00(NM))[R].
6 pages £14.00(M), £28.00(NM) ACE/61/-/15

BS S 127:1964 (withdrawn)
Specification for aircraft material. 24/17 chromium-nickel heat-resisting steel (titanium stabilized) (35 tonf/sq in: limiting ruling section 6 in)

BS S 128:1964 (withdrawn)
Specification for aircraft material. 24/17 chromium-nickel heat-resisting steel (niobium stabilized) (35 tonf/sq in: limiting ruling section 6 in)

BS 2S 129:1976 (2004)
Specification for 18/9 chromium-nickel corrosion-resisting steel (titanium stabilized) billets, bars, forgings and parts (540 MPa: limiting ruling section 150 mm)
Replaces BS S 129:1964.
AMD 2646, July 1978 (£0.00(M), £0.00(NM))[R].
6 pages £14.00(M), £28.00(NM) ACE/61/-/15

BS 2S 130:1976 (2004)
Specification for 18/9 chromium-nickel corrosion-resisting steel (niobium stabilized) billets, bars, forgings and parts (540 MPa: limiting ruling section 150 mm)
Replaces BS S 130:1964.
AMD 2640, June 1978 (£0.00(M), £0.00(NM))[R].
6 pages £14.00(M), £28.00(NM) ACE/61/-/15

BS 2S 131:1977 (2004)
Specification for high thermal expansion steel billets, bars, forgings and parts (620 MPa: limiting ruling section 150 mm)
Replaces BS S 131:1965.
AMD 3840, December 1981 (£0.00(M), £0.00(NM))[R].
6 pages £14.00(M), £28.00(NM) ACE/61/-/15

BS 3S 132:1976 (2004)
Specification. 3% chromium-molybdenum-vanadium steel billets, bars, forgings and parts (1320-1470 MPa: limiting ruling section 70 mm) (suitable for nitriding)
Replaces BS 2S 132:1969.
AMD 14160, May 2003 (£0.00(M), £0.00(NM))[R]
AMD 2220, February 1977 (£0.00(M), £0.00(NM))[R]
AMD 3530, August 1981 (£0.00(M), £0.00(NM))[R].
8 pages £29.00(M), £58.00(NM) ACE/61/-/15

BS S 133:1965 (withdrawn)
Specification for aircraft material. ¾ per cent nickel-chromium case-hardening steel

BS S 134:1965 (2004)
Specification for aircraft material. 3 per cent chromium-molybdenum-vanadium steel (air hardening) (100 tonf/sq in: limiting ruling section 1⅛ inches)
This standards has been reinstated as current as there is currently no European or US equivalent.
PD 6338, January 1968 (£0.00(M), £0.00(NM))[R].
4 pages £14.00(M), £28.00(NM) ACE/61/-/15

BS 2S 135:1977 (2004)
Specification for 1% carbon-chromium steel billets, bars, forgings and parts (limiting ruling section 25 mm)
Replaces BS S 135:1965.
AMD 14141, May 2003 (£0.00(M), £0.00(NM))[R].
8 pages £29.00(M), £58.00(NM) ACE/61/-/15

BS 2S 136:1977 (1985)
Specification for 1% carbon-chromium steel (vacuum arc remelted) billets, bars, forgings and parts (limiting ruling section 25 mm)
Replaces BS S 136:1967.
AMD 15173, March 2005 (not available separately).
8 pages £14.00(M), £28.00(NM) ACE/61/-/15

BS 2S 137:1976 (1985) (obsolescent)
Specification for high chromium-nickel corrosion-resisting steel bright bars (free machining) (880-1080 MPa: limiting ruling section 70 mm)
Replaces BS S 137:1967.
4 pages £14.00(M), £28.00(NM) ACE/61/-/15

BS S 138:1967 (obsolescent)
Specification for 3 per cent chromium-molybdenum-vanadium steel (vacuum remelted - air hardening) (157 kgf/mm² (100 tonf/in²): limiting ruling section 30 mm (1⅛ in))
4 pages £14.00(M), £28.00(NM) ACE/61/-/15

BS S 139:1968 (obsolescent)
Specification for 1½ per cent nickel-chromium-molybdenum steel (110/130 kgf/mm² (70/83 tonf/in²): limiting ruling section 70 mm (2¾ in))
4 pages £14.00(M), £28.00(NM) ACE/61/-/15

BS 2S 140:1976 (1985)
Specification for 2 1/2% nickel-chromium-molybdenum steel billets, bars, forgings and parts (1080-1280 MPa: limiting ruling section 150 mm)
Replaces BS S 140:1968.
AMD 14159, May 2003 (£0.00(M), £0.00(NM))[R]
AMD 14821, March 2004 (£0.00(M), £0.00(NM))[R]
AMD 3529, August 1981 (£0.00(M), £0.00(NM))[R]
AMD 5678, October 1988 (£0.00(M), £0.00(NM))[R].
8 pages £29.00(M), £58.00(NM) ACE/61/-/15

BS S 141:1968 (obsolescent)
Specification for 12 per cent chromium corrosion-resisting steel (60/80 kgf/mm² (38/51 tonf/in²): limiting ruling section 150 mm (6in))
4 pages £14.00(M), £28.00(NM) ACE/61/-/15

BS 2S 142:1977 (2004)
Specification for 1% chromium-molybdenum steel billets, bars, forgings and parts (900-1100 MPa: limiting ruling section 40 mm)
Replaces BS S 142:1968.
AMD 3528, August 1981 (£0.00(M), £0.00(NM))[R].
6 pages £14.00(M), £28.00(NM) ACE/61/-/15

BS 2S 143:1976 (2004)
Specification for chromium-nickel-copper-molybdenum corrosion-resisting steel (precipitation hardening) billets, bars, forgings and parts (930-1080 MPa)
Replaces BS S 143:1969.
AMD 3527, August 1981 (£0.00(M), £0.00(NM))[R]
AMD 6775, December 1991 (£0.00(M), £0.00(NM))[R]
AMD 8567, May 1995 (£0.00(M), £0.00(NM))[R].
AMD 13268, November 2001 (not available separately).
8 pages £29.00(M), £58.00(NM) ACE/61/-/15

BS 3S 144:1995 (2004)
Specification for chromium-nickel-copper-molybdenum corrosion resisting steel (precipitation hardening) billets, bars, forgings and parts (1130-1330 MPa)
Replaces BS 2S 144:1976.
AMD 8996, July 1996 (£0.00(M), £0.00(NM))[R].
14 pages £36.00(M), £72.00(NM) ACE/61/-/15

BS 3S 145:1996 (2004)
Specification for chromium-nickel-copper-molybdenum corrosion resisting steel (precipitation hardening) billets, bars, forgings and parts (1270 MPa to 1470 MPa)
Replaces BS 2S 145:1976.
AMD 9768, February 1998 (£0.00(M), £0.00(NM))[R].
12 pages £18.00(M), £36.00(NM) ACE/61/-/15

BS 2S 146:1976 (2004)
Specification for 4% nickel-chromium-molybdenum air-hardening steel (vacuum arc remelted) billets, bars, forgings and parts (1760-1960 MPa: limiting ruling section 100 mm)
Replaces BS S 146:1969.
AMD 3524, August 1981 (£0.00(M), £0.00(NM))[R].
6 pages £14.00(M), £28.00(NM) ACE/61/-/15

BS 2S 147:1976 (2004)
Specification for 0.5% nickel-chromium-molybdenum steel bars for the manufacture of forged bolts and forged nuts
Replaces BS S 147:1969.
AMD 6836, November 1991 (£0.00(M), £0.00(NM))[R].
4 pages £14.00(M), £28.00(NM) ACE/61/-/15

BS S 148:1969 (2004)
Specification for low nickel-chromium steel (bar for the manufacture of forged bolts only)
Replaces BS 2S 103:1964.
AMD 789, September 1971 (£0.00(M), £0.00(NM))[R].
4 pages £14.00(M), £28.00(NM) ACE/61/-/15

BS 2S 149:1976 (2004)
Specification for 1.75% nickel-chromium-molybdenum steel bars for the manufacture of forged bolts and forged nuts
Replaces BS S 149:1972.
AMD 6837, November 1991 (£0.00(M), £0.00(NM))[R].
6 pages £14.00(M), £28.00(NM) ACE/61/-/15

BS S 150:1975 (1999)
Specification for chromium-molybdenum-vanadium-niobium heat-resisting steel billets, bars, forgings and parts (930-1080 MPa) (Cr 10.5, Mo 0.6, V 0.2, Nb 0.3)
Replaces BS HR 54:1970.
AMD 14819, February 2004 (£0.00(M), £0.00(NM))[R]
AMD 5182, September 1986 (£0.00(M), £0.00(NM))[R].
8 pages £29.00(M), £58.00(NM) ACE/61/-/15

BS S 151:1975 (1985)
Specification for chromium-nickel-molybdenum-vanadium heat-resisting steel billets, bars, forgings and parts (930-1130 MPa: limiting ruling section 150 mm) (Cr 12, Ni 2.5, Mo 1.7, V 0.3)
AMD 3783, December 1981 (£0.00(M), £0.00(NM))[R].
AMD 13678, October 2002 (not available separately).
8 pages £29.00(M), £58.00(NM) ACE/61/-/15

BS S 152:1975 (1999) ≠prEN 2493, prEN 2494
Specification for chromium-cobalt-molybdenum-vanadium-niobium heat-resisting steel billets, bars, forgings and parts (consumable electrode remelted) (1000-1140 MPa) (Cr 10.5, Co 6, Mo 0.8, V 0.2, Nb 0.3)
AMD 14820, February 2004 (£0.00(M), £0.00(NM))[R]
AMD 15155, May 2004 (£0.00(M), £0.00(NM))[R]
AMD 5183, September 1986 (£0.00(M), £0.00(NM))[R].
AMD 15155 is a Corrigendum.
8 pages £29.00(M), £58.00(NM) ACE/61/-/15

BS S 153:1976 (2004)
Specification. 2½% nickel-chromium-molybdenum steel billets, bars, forgings and parts (1230-1430 MPa: limiting ruling section 40 mm)
AMD 3523, August 1981 (£0.00(M), £0.00(NM))[R].
4 pages £14.00(M), £28.00(NM) ACE/61/-/15

BS S 154:1976 (2004)
Specification. 2½% nickel-chromium-molybdenum steel billets, bars, forgings and parts (880-1080 MPa: limiting ruling section 150 mm)
Replaces BS 2S 96:1964.
AMD 3818, October 1981 (£0.00(M), £0.00(NM))[R]
AMD 5676, October 1988 (£0.00(M), £0.00(NM))[R].
6 pages £14.00(M), £28.00(NM) ACE/61/-/15

BS S 155:1976 (2004)
Specification for nickel-silicon-chromium-molybdenum-vanadium steel (vacuum arc remelted) billets, bars, forgings and parts (1900-2100 MPa: limiting ruling section 75 mm)
4 pages £14.00(M), £28.00(NM) ACE/61/-/15

BS S 156:1976 (2004)
Specification for 4% nickel-chromium-molybdenum case-hardening steel (vacuum arc remelted) billets, bars, forgings and parts (1320-1520 MPa)
AMD 3522, August 1981 (£0.00(M), £0.00(NM))[R].
6 pages £14.00(M), £28.00(NM) ACE/61/-/15

BS S 157:1976 (2004)
Specification. 3% nickel-chromium-molybdenum case-hardening steel billets, bars, forgings and parts (1180-1380 MPa)
Replaces BS 3S 107:1969.
AMD 3521, August 1981 (£0.00(M), £0.00(NM))[R].
4 pages £14.00(M), £28.00(NM) ACE/61/-/15

BS S 158:1977 (2004)
Specification for 1% chromium-molybdenum steel bars for the manufacture of forged bolts and forged nuts
4 pages £14.00(M), £28.00(NM) ACE/61/-/15

BS S 159:1981 (2004)
Specification for 12% chromium-nickel-molybdenum-vanadium heat-resisting steel bars for the manufacture of fasteners (1100-1300 MPa: limiting ruling section 50 mm)
AMD 4323, July 1983 (£0.00(M), £0.00(NM))[R].
6 pages £14.00(M), £28.00(NM) ACE/61/-/15

BS S 160:1990 (2004)
Specification for chromium-nickel corrosion-resisting steel - bright bars and parts (540 MPa, limiting ruling section 160 mm) (Cr 18, Ni 10.5, controlled nitrogen content)
4 pages £14.00(M), £28.00(NM) ACE/61/-/15

BS S 161:1990 (2004)
Specification for chromium-nickel-molybdenum corrosion-resisting steel. Bright bars and parts (540 MPa, limiting ruling section 160 mm) (Cr 17.5, Ni 12.5, Mo 2.25, controlled nitrogen content)
Characteristics of a low-carbon austenitic steel supplied as bright bars or parts for general aerospace use.
4 pages £14.00(M), £28.00(NM) ACE/61/-/15

BS S 162:1990 (1999)
Specification for 18% nickel-cobalt-molybdenum maraging steel forging stock, forgings, bars and parts (1800 MPa: double vaccuum melted)
AMD 6373, July 1991 (£0.00(M), £0.00(NM))[R].
AMD 16005, October 2005 (not available separately).
6 pages £14.00(M), £28.00(NM) ACE/61/-/15

BS S 163:1990 (2004)
Specification for nickel-chromium-molybdenum-vanadium steel forging stock, forgings, bars and parts (1900 MPa : limiting ruling section 100 mm)
4 pages £14.00(M), £28.00(NM) ACE/61/-/15

BS S 164:2002
1 % Chromium-molybdenum steel billets, bars, forgings and parts. (1150 to 1300 MPa: Limiting ruling section 16 mm) (Suitable for welding)
AMD 14162, October 2002 (£0.00(M), £0.00(NM))[R].
AMD 14162 is a Corrigendum.
10 pages £29.00(M), £58.00(NM) ACE/61/-/15

BS 2S 201:2004
Carbon steel wire rod, patented cold drawn carbon steel wire and springs. High duty unground wire. Specifcation
Replaces BS S 201:1967.
AMD 15619, March 2005 (£0.00(M), £0.00(NM))[R].
AMD 15619 is a Corrigendum.
8 pages £29.00(M), £58.00(NM) ACE/61/-/15

BS 2S 202:2004
Carbon steel wire rod, patented cold drawn carbon steel wire and springs. High duty ground wire. Specification
Replaces BS S 202:1967.
8 pages £29.00(M), £58.00(NM) ACE/61/-/15

BS 2S 203:2004
Carbon steel wire rod, wire and springs. High duty unground wire. Hardened and tempered. Specification
Replaces BS S 203:1967.
8 pages £29.00(M), £58.00(NM) ACE/61/-/15

BS 2S 204:2004
Chromium-vanadium steel wire rod, wire and springs. High duty ground wire. Hardened and tempered. Specification
Replaces BS S 204:1967.
8 pages £29.00(M), £58.00(NM) ACE/61/-/15

BS 2S 205:2004
Austenitic chromium-nickel steel wire rod, wire and springs. Specification
Replaces BS S 205:1969.
8 pages £29.00(M), £58.00(NM) ACE/61/-/15

BS S 206:1999
Chromium-nickel-aluminium corrosion resisting steel (precipitation hardening) rod, cold drawn wire and springs
10 pages £29.00(M), £58.00(NM) ACE/61/-/15

BS 3S 500:1996 (2004)
Procedure for inspection, testing and acceptance of steel sheet and strip
Replaces BS 2S 500:1969.
AMD 9327, February 1997 (£0.00(M), £0.00(NM))[R].
26 pages £51.00(M), £102.00(NM) ACE/61

BS 2S 510:1970
Specification for carbon steel sheet and strip (430/540 MPa) (suitable for welding)
This standard has been confirmed as obsolescent

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for a further period.
Replaces BS S 510:1956.
AMD 14158, May 2003 (£0.00(M), £0.00(NM))[R]
AMD 889, March 1972 (£0.00(M), £0.00(NM))[R].
8 pages £29.00(M), £58.00(NM) ACE/61/-/15

BS 2S 511:1970
Specification for deep drawing carbon steel sheet and strip (280/400 MPa) (suitable for welding)
This standard has been confirmed as obsolescent for a further period.
Replaces BS S 511:1956.
AMD 14157, May 2003 (£0.00(M), £0.00(NM))[R].
8 pages £29.00(M), £58.00(NM) ACE/61/-/15

BS S 512:1956 (withdrawn)
Tinned steel sheets and strips

BS 2S 513:1970 (1987)
Specification for spring steel strip
Replaces BS S 513:1956.
AMD 14156, May 2003 (£0.00(M), £0.00(NM))[R].
8 pages £29.00(M), £58.00(NM) ACE/61/-/15

BS 2S 514:1969
Specification for carbon-manganese steel sheet and strip (for use in the hardened and tempered condition: 770/1000 MPa) (suitable for welding)
This standard has been confirmed as obsolescent for a further period.
Replaces BS S 514:1956.
AMD 14155, May 2003 (£0.00(M), £0.00(NM))[R].
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BS 2S 515:1969
Specification for carbon-manganese steel sheet and strip (softened) (for use in the softened condition: 460/600 MPa) (suitable for welding)
This standard has been confirmed as obsolescent for a further period.
Replaces BS S 515:1956.
AMD 14154, May 2003 (£0.00(M), £0.00(NM))[R].
8 pages £29.00(M), £58.00(NM) ACE/61/-/15

BS 2S 516:1969 (withdrawn)
Specification for carbon-manganese steel sheet and strip (93/116 hbar)

BS 2S 517:1969 (withdrawn)
Specification for carbon-manganese steel sheet and strip (116/131 hbar)

BS S 518:1956 (withdrawn)
50-ton chromium-molybdenum steel sheets and strips (40 ton 0.1 per cent proof stress) (suitable for welding)

BS S 519:1956 (withdrawn)
75-ton chromium-molybdenum steel sheets and strips (65 ton 0.1 per cent proof stress) (suitable for welding)

BS S 520:1956 (withdrawn)
Cold-rolled chromium-nickel steel sheets and strips (corrosion-resisting) (40 tons 0.1 per cent proof stress)

BS S 521:1956 (withdrawn)
Chromium-nickel steel sheets and strips (13 ton 0.1 per cent proof stress)

BS S 522:1956 (withdrawn)
23/14 chromium-nickel steel sheets and strips (heat-resisting)

BS S 523:1956 (withdrawn)
23/18 chromium-nickel steel sheets and strips (heat-resisting)

BS S 524:1969 (1987)
Specification for cold-rolled 18/10 chromium-nickel corrosion-resisting steel sheet and strip (titanium stabilized: 800 MPa)
Replaces BS S 520:1956.
AMD 14153, March 2003 (£0.00(M), £0.00(NM))[R]
AMD 4252, April 1983 (£0.00(M), £0.00(NM))[R]
AMD 5559, July 1987 (£0.00(M), £0.00(NM))[R].
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BS S 525:1969 (1987)
Specification for cold-rolled 18/10 chromium-nickel corrosion-resisting steel sheet and strip (niobium stabilized: 800 MPa)
Replaces BS S 520:1956.
AMD 14152, May 2003 (£0.00(M), £0.00(NM))[R]
AMD 4253, April 1983 (£0.00(M), £0.00(NM))[R]
AMD 5560, July 1987 (£0.00(M), £0.00(NM))[R].
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BS S 526:1969 (1986)
Specification for softened 18/10 chromium-nickel corrosion-resisting steel sheet and strip (titanium stabilized: 540 MPa)
Replaces BS S 521:1956.
AMD 14151, May 2003 (£0.00(M), £0.00(NM))[R]
AMD 4254, April 1983 (£0.00(M), £0.00(NM))[R].
8 pages £29.00(M), £58.00(NM) ACE/61/-/15

BS S 527:1969 (1985)
Specification for softened 18/10 chromium-nickel corrosion-resisting steel sheet and strip (niobium stabilized: 540 MPa)
Replaces BS S 521:1956.
AMD 14150, May 2003 (£0.00(M), £0.00(NM))[R]
AMD 4255, April 1983 (£0.00(M), £0.00(NM))[R].
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BS S 528:1970 (withdrawn)
Specification for 23/14 chromium-nickel heat-resisting steel sheet and strip (titanium stabilized: 54 hbar) (elevated temperature properties not verified)

BS S 529:1970 (withdrawn)
Specification for 23/14 chromium-nickel heat-resisting steel sheet and strip (niobium stabilized: 54 hbar) (elevated temperature properties not verified)

BS S 530:1970 (1985)
Specification for 24/17 chromium-nickel heat-resisting steel sheet and strip (titanium stabilized: 540 MPa) (elevated temperature properties not verified)
Replaces BS S 523:1956.
AMD 14149, May 2003 (£0.00(M), £0.00(NM))[R].
8 pages £29.00(M), £58.00(NM) ACE/61/-/15

BS S 531:1970 (withdrawn)
Specification for 24/17 chromium-nickel heat-resisting steel sheet and strip (niobium stabilized: 54 hbar) (elevated temperature properties not verified)

BS S 532:1969 (1985)
Specification for chromium-nickel-copper-molybdenum corrosion-resisting steel sheet and strip (precipitation hardening: 980/1180 MPa)
AMD 14148, May 2003 (£0.00(M), £0.00(NM))[R]
AMD 4256, April 1983 (£0.00(M), £0.00(NM))[R].
8 pages £29.00(M), £58.00(NM) ACE/61/-/15

BS S 533:1969 (1985)
Specification for chromium-nickel-copper-molybdenum corrosion-resisting steel sheet and strip (precipitation hardening: 1180/1370 MPa)
AMD 14147, May 2003 (£0.00(M), £0.00(NM))[R]
AMD 4257, April 1983 (£0.00(M), £0.00(NM))[R].
8 pages £29.00(M), £58.00(NM) ACE/61/-/15

BS S 534:1969 (1985)
Specification for chromium-molybdenum steel sheet and strip (880/1080 MPa (suitable for welding)
Replaces BS S 518:1956.
AMD 14146, May 2003 (£0.00(M), £0.00(NM))[R].
8 pages £29.00(M), £58.00(NM) ACE/61/-/15

BS S 535:1969 (1985)
Specification for chromium-molybdenum steel sheet and strip (1150/1300 Mpa) (suitable for welding)
Replaces BS S 519:1956.
AMD 14145, May 2003 (£0.00(M), £0.00(NM))[R].
8 pages £29.00(M), £58.00(NM) ACE/61/-/15

BS S 536:1970 (1985)
Specification for low carbon 18/10 chromium-nickel corrosion-resisting steel sheet and strip (500 MPa)
AMD 14144, May 2003 (£0.00(M), £0.00(NM))[R].
8 pages £29.00(M), £58.00(NM) ACE/61/-/15

BS S 537:1970 (1985)
Specification for low carbon 17/12 chromium-nickel-molybdenum corrosion-resisting steel sheet and strip (500 MPa)
AMD 14143, May 2003 (£0.00(M), £0.00(NM))[R].
8 pages £29.00(M), £58.00(NM) ACE/61/-/15

BS S 538:1975 (1985)
Specification for chromium-nickel-molybdenum-vanadium heat-resisting steel sheet and strip (930-1130 MPa: maximum thickness 6 mm) (Cr 12, Ni 2.5, Mo 1.7, V 0.3)
AMD 14602, December 2003 (£0.00(M), £0.00(NM))[R].
8 pages £29.00(M), £58.00(NM) ACE/61/-/15

SP Standard Details

BS 2SP 1:1927 (2006)
Specification for aircraft material. Shackles
Replaces BS SP 1:1916.
CF(AC) 7334 published 15 January 1941. CF(AC) 7334 was a war emergency revision. PD 633 published 15 May 1947. PD 2712 published 15 February 1957. PD 6219 published 15 July 1967. AMD 1086 published 15 January 1973.
4 pages £14.00(M), £28.00(NM) ACE/12

BS 3SP 3:1943 (1998) (obsolescent)
Specification for aircraft material. Fork joints (low tensile type) (for sizes No. 4 B.A. to ½ inch B.S.F. inclusive)
Replaces BS 2SP 3:1929.
AMD 1797, August 1975 (£0.00(M), £0.00(NM))[R]
PD 6218 : 1967, July 1967 (£0.00(M), £0.00(NM))[R]
PD 632 : 1947, May 1947 (£0.00(M), £0.00(NM))[R].
10 pages £18.00(M), £36.00(NM) ACE/12

BS 6SP 4:2000 (2006)
Pins headed, plain shank, drilled, steel alloy and corrosion resisting steel with a strength class 880 / 1 080 MPa
Replaces BS 5SP 4:1944.
AMD 11017, August 2000 (£0.00(M), £0.00(NM))[R]
AMD 16018, January 2006 (£0.00(M), £0.00(NM))[R].
AMD 11017 is a Corrigendum.
16 pages £36.00(M), £72.00(NM) ACE/12

BS 2SP 7:1943 (1998)
Specification for aircraft material. Fork joints (high tensile type) (for sizes No. 4 B.A. to ¾ inch B.S.F. inclusive)
Replaces BS SP 7:1929.
PD 2714, February 1957 (£0.00(M), £0.00(NM))[R]
PD 4084, February 1961 (£0.00(M), £0.00(NM))[R]
PD 629, May 1947 (£0.00(M), £0.00(NM))[R].
PD 6220 published 31 July 1967.
10 pages £18.00(M), £36.00(NM) ACE/12

BS SP 8:1939 (2006)
Specification for turnbuckles (tension rod type) for aircraft purposes
PD 2715, February 1957 (£0.00(M), £0.00(NM))[R]
PD 4085, February 1961 (£0.00(M), £0.00(NM))[R]
PD 628, May 1947 (£0.00(M), £0.00(NM))[R]
PD 92, March 1943 (£0.00(M), £0.00(NM))[R].
PD 6221 published 31 July 1967. CF(AC) 9719 published 15 March 1942.
10 pages £18.00(M), £36.00(NM) ACE/12

BS SP 9:1949 (withdrawn)
Split cotter pins (non-corrodible) for aircraft

BS SP 10 and 11:1949 (2001)
Specification for washers for aircraft purposes (primarily for facing purposes)
PD 2573, September 1956 (£0.00(M), £0.00(NM))[R].
2 pages £14.00(M), £28.00(NM) ACE/12

BS SP 13; 14; 15 and 16:1949 (2001)
Specification for washers for aircraft purposes (primarily for packing purposes)
AMD 4140, April 1984 (£0.00(M), £0.00(NM))[R]
PD 2322, October 1955 (£0.00(M), £0.00(NM))[R]
PD 2574, September 1956 (£0.00(M), £0.00(NM))[R].
4 pages £14.00(M), £28.00(NM) ACE/12

BS SP 18 and 19:1949 (2001)
Specification for washers for aircraft purposes (primarily for use with timber)
AMD 4141, April 1984 (£0.00(M), £0.00(NM))[R]
PD 2575, September 1956 (£0.00(M), £0.00(NM))[R].
6 pages £14.00(M), £28.00(NM) ACE/12

BS SP 20:1949 (withdrawn)
Panel type air filter elements for use with internal combustion engines and compressors on aircraft

BS SP 21:1950 (1998)
Specification for lubricating nipples for aircraft purposes
2 pages £14.00(M), £28.00(NM) ACE/12

BS SP 22-27:1950 (2001)
Specifications for B.A. washers for aircraft purposes (primarily for instrument use)
AMD 5765, October 1988 (£0.00(M), £0.00(NM))[R].
6 pages £14.00(M), £28.00(NM) ACE/12

BS SP 28 and 29:1951 (2001)
Specifications for solid taper pins for aeronautical purposes. Specifications for solid taper pins for aeronautical purposes
Formerly SP 28, 29 and 30:1951.
AMD 1798, August 1975 (£0.00(M), £0.00(NM))[R]
PD 1274, October 1951 (£0.00(M), £0.00(NM))[R]
PD 2960, January 1958 (£0.00(M), £0.00(NM))[R].
8 pages £14.00(M), £28.00(NM) ACE/12

BS SP 31 and 32:1951 (obsolescent)
Specifications for split taper pins for aeronautical purposes
AMD 1799, August 1975 (£0.00(M), £0.00(NM))[R]
PD 1275, October 1951 (£0.00(M), £0.00(NM))[R].
4 pages £14.00(M), £28.00(NM) ACE/12

BS SP 33-39:1951 (2006)
Specifications for turnbarrels, tension rods and swaged cable-end connections for aircraft
AMD 2753, November 1978 (£0.00(M), £0.00(NM))[R]
PD 2399, February 1956 (£0.00(M), £0.00(NM))[R]
PD 4086, February 1961 (£0.00(M), £0.00(NM))[R].
20 pages £36.00(M), £72.00(NM) ACE/12

BS SP 40:1951 (withdrawn)
Rubber grommets for aeronautical purposes

BS SP 41-46:1951 (2001)
Specifications for tab washers for aircraft
PD 2576, September 1956 (£0.00(M), £0.00(NM))[R]
PD 5271, July 1964 (£0.00(M), £0.00(NM))[R].
4 pages £14.00(M), £28.00(NM) ACE/12

BS 2SP 47:1957 (obsolescent)
Single coil spring washers for aircraft
PD 2891, September 1957 (£0.00(M), £0.00(NM))[R].
4 pages £14.00(M), £28.00(NM) ACE/12

BS SP 48:1952 (withdrawn)
Plastics grommets for aeronautical purposes

BS SP 49 and 50:1953 (2006)
Specifications for ball ends for swaging on cable for aircraft (suitable for 5 cwt. cable)
2 pages £14.00(M), £28.00(NM) ACE/12

BS SP 51 and 52:1953 (2006)
Specifications for identification tags for swaged cable-end assemblies for aircraft
PD 1689, August 1953 (£0.00(M), £0.00(NM))[R]
PD 3516, October 1959 (£0.00(M), £0.00(NM))[R].
2 pages £14.00(M), £28.00(NM) ACE/12

BS SP 53:1953 (2006)
Specification for swaged cable-end assemblies (B.A. and B.S.F. threads) for preformed steel wire rope for aircraft (suitable for use with British Standard W.9 wire rope)
PD 2396, February 1956 (£0.00(M), £0.00(NM))[R]
PD 4199, June 1961 (£0.00(M), £0.00(NM))[R]
PD 4418, January 1962 (£0.00(M), £0.00(NM))[R].
10 pages £14.00(M), £28.00(NM) ACE/12

BS SP 54:1953 (2006)
Specification for swaged cable-end assemblies (B.A. and B.S.F. threads) for preformed non-corrodible steel wire rope for aircraft (suitable for use with British Standard W.11 wire rope)
PD 1703, September 1953 (£0.00(M), £0.00(NM))[R]
PD 2397, February 1956 (£0.00(M), £0.00(NM))[R]
PD 4200, June 1961 (£0.00(M), £0.00(NM))[R]
PD 4419, January 1962 (£0.00(M), £0.00(NM))[R].
10 pages £14.00(M), £28.00(NM) ACE/12

BS SP 55 and SP 56:1953 (obsolescent)
Specifications for double coil spring washers for aircraft
PD 2716, February 1957 (£0.00(M), £0.00(NM))[R]
PD 4559, May 1962 (£0.00(M), £0.00(NM))[R].
2 pages £14.00(M), £28.00(NM) ACE/12

BS SP 57 and 58:1955 (obsolescent)
Specifications for rivet burrs for aircraft
AMD 4700, March 1985 (£0.00(M), £0.00(NM))[R].
4 pages £14.00(M), £28.00(NM) ACE/12

BS SP 59 and SP 60:1955 (2006)
Specifications for spring catches for aeronautical purposes
4 pages £14.00(M), £28.00(NM) ACE/12

BS SP 61 to 64:1955 (withdrawn)
Wood screws for aircraft

BS SP 65:1955 (1984) (obsolescent)
Specification for aluminium alloy taper pins for aeronautical purposes
Replaces BS SP 28 and 29 and 30:1951.
AMD 4142, April 1984 (£0.00(M), £0.00(NM))[R].
4 pages £14.00(M), £28.00(NM) ACE/12

BS SP 66 and SP 67:1955 (2006)
Specifications for cable thimbles for aircraft
PD 2578, September 1956 (£0.00(M), £0.00(NM))[R].
4 pages £14.00(M), £28.00(NM) ACE/12

BS 2SP 68 to 2SP 71:1973 (2001)
Specification for 100° countersunk precision head aluminium and aluminium alloy rivets
Replaces BS SP 68-71:1956.
Partially replaced by BS A 273:1978.
AMD 2388, November 1977 (£0.00(M), £0.00(NM))[R]
AMD 3263, June 1980 (£0.00(M), £0.00(NM))[R].
18 pages £18.00(M), £36.00(NM) ACE/12

BS SP 72:1957 (withdrawn)
Braided rubber cord assemblies for aircraft
Replaced by BS 2SP 170-171:1985.

BS 2SP 73 and 74:1966 (withdrawn)
Specifications for ferrules and assembly wires for braided rubber cord assemblies for aircraft

BS SP 76:1958 (withdrawn)
Snap head steel rivets for aircraft

BS 2SP 77 to 2SP 80:1973 (2001)
Specification for snap head aluminium and aluminium alloy rivets
Replaces BS SP 77 to SP 80:1958.
AMD 1884, January 1976 (£0.00(M), £0.00(NM))[R]
AMD 2389, November 1977 (£0.00(M), £0.00(NM))[R]
AMD 3264, June 1980 (£0.00(M), £0.00(NM))[R].
14 pages £18.00(M), £36.00(NM) ACE/12

BS 2SP 81 and 2SP 82:1973 (2001)
Specification for snap head high nickel-copper alloy rivets
Replaces BS 2SP 81 and 2SP 82:1958.
AMD 2390, November 1977 (£0.00(M), £0.00(NM))[R]
AMD 3265, June 1980 (£0.00(M), £0.00(NM))[R].
12 pages £18.00(M), £36.00(NM) ACE/12

BS 2SP 83 to 85:1973 (2001)
Specification for mushroom head aluminium alloy rivets
Replaces BS SP 83 to SP 85:1958.
AMD 2391, November 1977 (£0.00(M), £0.00(NM))[R]
AMD 3266, June 1980 (£0.00(M), £0.00(NM))[R].
14 pages £18.00(M), £36.00(NM) ACE/12

BS SP 86:1959 (withdrawn)
100° countersunk head steel rivets for aircraft

BS 2SP 87 and 2SP 88:1973 (2001)
Specification for 100° countersunk head high nickel-copper alloy rivets
Replaces BS SP 87 and SP 88:1959.
AMD 2392, November 1977 (£0.00(M), £0.00(NM))[R]
AMD 3267, June 1980 (£0.00(M), £0.00(NM))[R].
10 pages £18.00(M), £36.00(NM) ACE/12

BS 3SP 89:1983 ≡ISO 1002:1983
Specification for characteristics, boundary dimensions, tolerances and static load ratings of airframe bearings
Specifies characteristics, dimensions, tolerances and static load ratings of rolling bearings, other than tapered roller bearings, used in airframes, as distinct from those used in connection with power plants, auxiliary drives, accessories and instruments in aircraft.
20 pages £36.00(M), £72.00(NM) ACE/7

BS SP 90:1961 (2001)
Specification for corrosion-resisting steel split cotter pins for aircraft
Replaces BS SP 9:1949.
AMD 484, April 1970 (£0.00(M), £0.00(NM))[R]
AMD 642, November 1970 (£0.00(M), £0.00(NM))[R]
PD 5378, October 1964 (£0.00(M), £0.00(NM))[R].
4 pages £14.00(M), £28.00(NM) ACE/12

BS 2SP 91-92:1973 (1998)
Specification for carbon steel worm drive clamps for aircraft
Replaces BS SP 91 and SP 92:1962.
AMD 1541, September 1974 (£0.00(M), £0.00(NM))[R]
AMD 2012, June 1976 (£0.00(M), £0.00(NM))[R]
AMD 5903, September 1988 (£0.00(M), £0.00(NM))[R].
24 pages £36.00(M), £72.00(NM) ACE/12

BS 2SP 93:1974 (1998)
Specification for elastomeric grommets (acrylonitrile-butadiene) for aerospace use
Replaces BS SP 93:1962.
AMD 3514, February 1981 (£0.00(M), £0.00(NM))[R].
6 pages £14.00(M), £28.00(NM) ACE/12

BS SP 94:1964 (2006)
Specification for bronze oil-retaining bushes and thrust washers for aircraft
PD 5640, September 1965 (£0.00(M), £0.00(NM))[R].
8 pages £14.00(M), £28.00(NM) ACE/12

BS 2SP 95:1974 (1998)
Specification for elastomeric grommets (polychloroprene) for aerospace use
Replaces BS SP 95:1965.
AMD 3515, February 1981 (£0.00(M), £0.00(NM))[R].
6 pages £14.00(M), £28.00(NM) ACE/12

BS 2SP 96:1982 (obsolescent)
Specification for internal retaining rings (imperial sizes)
8 pages £14.00(M), £28.00(NM) ACE/12

BS 2SP 101-104:1956 (2006)
Specifications for turnbarrels, tension rods and swaged cable-end connections (Unified threads) for aircraft
Replaces BS SP 101-104:1953.
PD 4079, February 1961 (£0.00(M), £0.00(NM))[R].
12 pages £14.00(M), £28.00(NM) ACE/12

BS 2SP 105:1955 (2006)
Specification for swaged cable-end assemblies (Unified threads) for preformed steel wire rope (W.9) for aircraft
Replaces BS SP 105:1953.
PD 2471, May 1956 (£0.00(M), £0.00(NM))[R]
PD 4201, June 1961 (£0.00(M), £0.00(NM))[R]
PD 4420, January 1962 (£0.00(M), £0.00(NM))[R].
20 pages £36.00(M), £72.00(NM) ACE/12

BS 2SP 106:1955 (2006)
Specification for swaged cable-end assemblies (Unified threads) for preformed non-corrodible steel wire rope (W.11) for aircraft
Replaces BS SP 106:1953.
PD 2472, May 1956 (£0.00(M), £0.00(NM))[R]
PD 4202, June 1961 (£0.00(M), £0.00(NM))[R]
PD 4421, January 1962 (£0.00(M), £0.00(NM))[R].
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BS SP 107-112:1954 (2001)
Specifications for tab washers for Unified hexagons for aircraft
PD 2577, September 1956 (£0.00(M), £0.00(NM))[R]
PD 5272, July 1964 (£0.00(M), £0.00(NM))[R].
4 pages £14.00(M), £28.00(NM) ACE/12

BS SP 113:1954 (2001)
Specification for cadmium plated close tolerance shear pins for aircraft
AMD 1223, July 1973 (£0.00(M), £0.00(NM))[R]
PD 2098, February 1955 (£0.00(M), £0.00(NM))[R]
PD 4080, February 1961 (£0.00(M), £0.00(NM))[R].
6 pages £14.00(M), £28.00(NM) ACE/12

BS SP 114:1955 (2006)
Specification for eye bolts (Unified threads) for aircraft
AMD 1800, August 1975 (£0.00(M), £0.00(NM))[R]

AMD 3350, July 1980 (£0.00(M), £0.00(NM))[R]
PD 4081, February 1961 (£0.00(M), £0.00(NM))[R].
10 pages £18.00(M), £36.00(NM) ACE/12

BS SP 115 to 117:1956 (1998) ≠ISO 413
Specifications for hydraulic surface-check type lubricating nipples for aircraft
AMD 607, September 1970 (£0.00(M), £0.00(NM))[R]
PD 3506, September 1959 (£0.00(M), £0.00(NM))[R]
PD 5251, May 1964 (£0.00(M), £0.00(NM))[R]
PD 6390, April 1968 (£0.00(M), £0.00(NM))[R].
16 pages £18.00(M), £36.00(NM) ACE/12

BS SP 118:1958 (2006)
Tie rods (Unified threads) for aircraft
PD 5090, (£0.00(M), £0.00(NM))[R].
6 pages £14.00(M), £28.00(NM) ACE/12

BS SP 119 and SP 120:1957 (2006)
High tensile steel fork joints (Unified threads) for aircraft
PD 4082, February 1961 (£0.00(M), £0.00(NM))[R].
4 pages £14.00(M), £28.00(NM) ACE/12

BS SP 121:1958 (2001)
Collars for shear pins for aircraft
PD 3549, November 1959 (£0.00(M), £0.00(NM))[R].
2 pages £14.00(M), £28.00(NM) ACE/12

BS SP 122 to 125:1958 (2001)
Washers for Unified hexagons for aircraft (primarily for packing purposes)
AMD 1182, May 1973 (£0.00(M), £0.00(NM))[R].
6 pages £14.00(M), £28.00(NM) ACE/12

BS SP 126 and SP 127:1959 (2001)
Washers for Unified hexagons for aircraft (primarily for facing purposes)
AMD 1183, May 1973 (£0.00(M), £0.00(NM))[R].
6 pages £14.00(M), £28.00(NM) ACE/12

BS SP 128 to 133:1965 (withdrawn)
Specifications for wood screws for aircraft

BS SP 134 to SP 138:1968 (2001)
Specification for copper beryllium crinkle washers
4 pages £14.00(M), £28.00(NM) ACE/12

BS SP 139 and SP 140:1969 (2001)
Specification for corrosion-resisting steel crinkle washers
AMD 5766, October 1988 (£0.00(M), £0.00(NM))[R].
6 pages £14.00(M), £28.00(NM) ACE/12

BS SP 141:1970 (2006)
Specification for design and performance requirements for toggle type panel fasteners
8 pages £14.00(M), £28.00(NM) ACE/12

BS 2SP 142 and SP 143:1973 (2001)
Specification for solid rivets with 100° countersunk truncated radiused head made from BS L 86 (SP 142) and BS L 37 (SP 143) materials
Replaces BS SP 142:1970.
AMD 2393, November 1977 (£0.00(M), £0.00(NM))[R]
AMD 3268, July 1980 (£0.00(M), £0.00(NM))[R].
12 pages £18.00(M), £36.00(NM) ACE/12

BS SP 144-147:1971 (1998)
Specification for corrosion resisting worm drive clamps for aircraft
AMD 1542, September 1974 (£0.00(M), £0.00(NM))[R]
AMD 887, March 1972 (£0.00(M), £0.00(NM))[R].
20 pages £18.00(M), £36.00(NM) ACE/12

BS 2SP 148-150:1979 (2001)
Specification for Unified aluminium alloy washers
Replaces BS SP 148-50:1970.
4 pages £14.00(M), £28.00(NM) ACE/12

BS 2SP 151-153:1979 (2001)
Specification for Unified alloy steel washers
Replaces BS SP 151-53:1970.
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BS 2SP 154-156:1979 (2001)
Specification for Unified corrosion-resistant steel washers
Replaces BS SP 154-56:1970.
4 pages £14.00(M), £28.00(NM) ACE/12

BS 2SP 157-163:1973 (2001)
Specification for solid rivets with universal head made from BS L 86 (SP 157 and 163), BS L 58 (SP 160 and 161), BS L 37 (SP 162) and DTD 204 (SP 158 and 159) materials
Replaces BS SP 157-163:1971.
AMD 2394, November 1977 (£0.00(M), £0.00(NM))[R]
AMD 3269, July 1980 (£0.00(M), £0.00(NM))[R].
12 pages £18.00(M), £36.00(NM) ACE/12

BS SP 164:1978 (2006)
Specification for design and performance requirements for turnlock, stud-type panel fasteners (metric series)
20 pages £36.00(M), £72.00(NM) ACE/12

BS SP 165:1980 (withdrawn)
Specification for sealing wire for aircraft

BS SP 166:1982 (1987) (obsolescent)
Specification for spring retaining rings for aerospace application: carbon steel circlips (metric series)
16 pages £36.00(M), £72.00(NM) ACE/12

BS 3SP 168-169:2002
Ferrules and assembly wires for braided rubber cord assemblies for aerospace use
Replaces BS 2SP 168-169:1985.
8 pages £29.00(M), £58.00(NM) ACE/65/-/25

BS 3SP 170-171:2002
Braided rubber cord assemblies for aerospace use
Replaces BS 2SP 170-171:1985.
8 pages £29.00(M), £58.00(NM) ACE/65/-/15

BS SP 172:1999 ≡ISO 9418:1998
Rivets, solid, in aluminium or aluminium alloys. Procurement specification
18 pages £36.00(M), £72.00(NM) ACE/12

T Tubes

BS 3T 1:1942 (withdrawn)
35-ton steel tubes

BS 5T 2:1972 (obsolescent)
Specification for 4/1 nickel-chromium steel tube (1300 N/mm²)
Replaces BS 4T 2:1948.
AMD 3099, December 1979 (£0.00(M), £0.00(NM))[R].
4 pages £14.00(M), £28.00(NM) ACE/61/-/15

BS 2T 3:1918 (withdrawn)
Seamless nickel brass tubes

BS 5T 4:1941 (withdrawn)
Aluminium alloy tube

BS T 5:1916 (withdrawn)
50-ton carbon steel tubes

BS 2T 6:1948 (withdrawn)
30-ton steel tubes (suitable for welding)

BS 5T 7:1936 (withdrawn)
Seamless copper tubes for oil, petrol, gas starters and general purposes

BS 5T 8:1938 (withdrawn)
Annealed seamless brass tubes

BS 4T 9:1937 (withdrawn)
Aluminium tubes

BS T 14:1917 (withdrawn)
Tempered carbon steel axle tubes

BS 2T 18:1931 (withdrawn)
Hard drawn seamless brass tubes

BS T 21:1917 (withdrawn)
Annealed carbon steel tubes

BS 4T 26:1948 (withdrawn)
20-ton steel tubes (suitable for welding)

BS 3T 35:1948 (withdrawn)
35-ton steel tubes (suitable for welding)

BS 4T 45:1972 (obsolescent)
Specification for carbon-manganese steel tube (700 N/mm²) (tube 12.5 mm outside diameter and greater) (weldable)
Replaces BS 3T 45:1948.
AMD 3100, December 1979 (£0.00(M), £0.00(NM))[R].
6 pages £11.00(M), £22.00(NM) ACE/61/-/15

BS 4T 47:1939 (withdrawn)
Brass tubes for honeycomb type radiators

BS T 48:1921 (withdrawn)
10 mm diameter brass tubes for honeycomb type radiators

BS 4T 50:1972 (withdrawn)
Chromium-molybdenum steel tube (770 N/mm²)

BS 3T 51:1945
Specification for aircraft material. High pressure seamless copper tubes
AMD 4235, March 1983 (£0.00(M), £0.00(NM))[R].
6 pages £11.00(M), £22.00(NM) ACE/61/-/16

BS 2T 52:1940 (withdrawn)
Hard drawn phosphor-bronze and phosphorus deoxidized bronze tube

BS 3T 53:1980 (1999)
Specification for chromium-molybdenum steel tube (700 MPa) (outside diameter not less than 12.5 mm) (weldable)
Replaces BS 2T 53:1972.
2 pages £14.00(M), £28.00(NM) ACE/61/-/15

BS T 54:1948 (withdrawn)
35-ton steel tubes (suitable for welding)

BS T 55:1948 (withdrawn)
35-ton chromium-nickel non-corrodible steel tubes (suitable for pipe lines)

BS T 56:1948 (withdrawn)
35-ton chrome molybdenum steel tubes (suitable for welding)

BS 2T 57:1972 (obsolescent)
Specification for 4/1 nickel-chromium steel tube (1150 N/mm²)
Replaces BS T 57:1948.
AMD 3101, December 1979 (£0.00(M), £0.00(NM))[R].
4 pages £11.00(M), £22.00(NM) ACE/61/-/15

BS T 58:1948 (withdrawn)
50-ton chromium-nickel non-corrodible steel tubes

BS T 59:1948 (withdrawn)
50-ton chrome molybdenum steel tubes (suitable for welding)

BS 3T 60:1980 (1999)
Specification for chromium-molybdenum steel tube (1150 MPa) (maximum thickness 8 mm)
Replaces BS 2T 60:1972.
2 pages £14.00(M), £28.00(NM) ACE/61/-/15

BS T 61:1954 (withdrawn)
Chromium-nickel heat resisting steel tubes (suitable for welding)

BS T 62:1972 (withdrawn)
Mild steel tube (430 N/mm²) (weldable)

BS T 63:1972 (withdrawn)
Softened mild steel tube for hydraulic purposes (300 N/mm²) (suitable for welding)

BS T 64:1972 (obsolescent)
Specification for carbon-manganese steel tube (550 N/mm²) (tube less than 12.5 mm outside diameter) (weldable)
Replaces BS 3T 35:1948.
AMD 3102, December 1979 (£0.00(M), £0.00(NM))[R].
6 pages £11.00(M), £22.00(NM) ACE/61/-/15

BS T 65:1972 (withdrawn)
Chromium-molybdenum steel tube (880 N/mm²) (weldable)

BS 2T 66:1980 (1999)
Specification for 18/10 chromium-nickel corrosion-resisting steel tube (niobium stabilized: 550 MPa) (weldable)
Replaces BS T 66:1972.
AMD 6853, November 1991 (£0.00(M), £0.00(NM))[R].
4 pages £14.00(M), £28.00(NM) ACE/61/-/15

BS T 67:1972 (obsolescent)
Specification for 18/10 chromium-nickel corrosion-resisting steel tube (titanium stabilized: 550 N/mm²) (weldable)
Replaces BS T 55:1948.
AMD 1895, February 1976 (£0.00(M), £0.00(NM))[R]
AMD 3103, December 1979 (£0.00(M), £0.00(NM))[R].
6 pages £11.00(M), £22.00(NM) ACE/61/-/15

BS 2T 68:1980 (1999)
Specification for cold drawn 18/10 chromium-nickel corrosion-resisting steel tube (niobium stabilized: 800 MPa) (weldable)
Replaces BS T 68:1972.
2 pages £14.00(M), £28.00(NM) ACE/61/-/15

BS T 69:1972 (obsolescent)
Specification for cold drawn 18/10 chromium-nickel corrosion-resisting steel tube (titanium stabilized: 800 N/mm²) (weldable)
Replaces BS T 58:1948.
AMD 1897, February 1976 (£0.00(M), £0.00(NM))[R]
AMD 3104, December 1979 (£0.00(M), £0.00(NM))[R].
6 pages £11.00(M), £22.00(NM) ACE/61/-/15

BS T 70:1972 (withdrawn)
24/17 Chromium-nickel heat-resisting steel tube (niobium stabilized: 550 N/mm²) (elevated temperature properties not verified) (weldable)

BS T 71:1972 (withdrawn)
24/17 Chromium-nickel heat-resisting steel tube (titanium stabilized: 550 N/mm²) (elevated temperature properties not verified) (weldable)

BS T 72-T 73:1977 (1999)
Specifications for 18/10 chromium-nickel corrosion-resisting steel tube for hydraulic purposes (niobium/titanium stabilized: 550 MPa)
AMD 6852, December 1991 (£0.00(M), £0.00(NM))[R].
10 pages £18.00(M), £36.00(NM) ACE/61/-/15

BS T 74:1972 (obsolescent)
Specification for low carbon 18/10 chromium-nickel corrosion-resisting steel tube (500 N/mm²)
AMD 3066, December 1979 (£0.00(M), £0.00(NM))[R].
4 pages £11.00(M), £22.00(NM) ACE/61/-/15

BS T 75:1972 (obsolescent)
Specification for low carbon 17/12 chromium-nickel-molybdenum corrosion-resisting steel tube (500 N/mm²)
AMD 3068, December 1979 (£0.00(M), £0.00(NM))[R].
4 pages £11.00(M), £22.00(NM) ACE/61/-/15

BS T 76:1978 (1999)
Specification for chromium-molybdenum steel tube (770 MPa) (weldable)
AMD 5184, September 1986 (£0.00(M), £0.00(NM))[R].
6 pages £14.00(M), £28.00(NM) ACE/61/-/15

BS T 77:1980 (1999)
Specification for chromium-molybdenum steel tube (900 MPa) (weldable)
Replaces BS T 65:1972.
2 pages £14.00(M), £28.00(NM) ACE/61/-/15

BS T 78:1997
Specification for 2½% nickel-chromium-molybdenum steel tubes (1390 Mpa)
10 pages £29.00(M), £58.00(NM) ACE/61/-/15

BS T 79:1997
Specification for 2½% nickel-chromium-molybdenum steel tubes (1160 MPa)
10 pages £29.00(M), £58.00(NM) ACE/61/-/15

BS T 80:1997
Specification for 12% chromium corrosion-resisting steel tubes (770 MPa)
8 pages £18.00(M), £36.00(NM) ACE/61/-/15

BS 4T 100:1997
Procedure for inspection, testing and acceptance of seamless steel tubes and tubestock
Replaces BS 3T 100:1978.
24 pages £36.00(M), £72.00(NM) ACE/61

TA Titanium and Titanium alloys

BS 2TA 1:1974
Specification for sheet and strip of commercially pure titanium (tensile strength 290-420 MPa)
Replaces BS TA 1:1968.
AMD 4628, July 1984 (£0.00(M), £0.00(NM))[R]
AMD 4919, September 1985 (£0.00(M), £0.00(NM))[R].
AMD 10738, April 2000 (not available separately).
8 pages £29.00(M), £58.00(NM) ACE/61/-/49

BS 2TA 2:1973 (1993)
Specification for sheet and strip of commercially pure titanium (tensile strength 390-540 N/mm²)
Replaces BS TA 2:1968.
AMD 4618, (£0.00(M), £0.00(NM))[R]
AMD 4918, (£0.00(M), £0.00(NM))[R].
AMD 10740, April 2000 (not available separately).
8 pages £29.00(M), £58.00(NM) ACE/61/-/49

BS 2TA 3:1973 (obsolescent)
Specification for bar and section for machining of commercially pure titanium (tensile strength 390-540 N/mm²)
Replaces BS TA 3:1968.
AMD 3322, November 1980 (£0.00(M), £0.00(NM))[R].
4 pages £10.00(M), £10.00(NM) ACE/61/-/49

BS 2TA 4:1973 (obsolescent)
Specification for forging stock of commercially pure titanium (tensile strength 390-540 N/mm²)
Replaces BS TA 4:1968.
AMD 3323, (£0.00(M), £0.00(NM))[R].
4 pages £11.00(M), £22.00(NM) ACE/61/-/49

BS 2TA 5:1973 (obsolescent)
Specification for forgings of commercially pure titanium (tensile strength 390-540 N/mm²)
Replaces BS TA 5:1968.
AMD 3324, (£0.00(M), £0.00(NM))[R].
4 pages £11.00(M), £22.00(NM) ACE/61/-/49

BS 2TA 6:1973
Specification for sheet and strip of commercially pure titanium (tensile strength 570-730 N/mm²)
Replaces BS TA 6:1968.
AMD 10741, July 2000 (£0.00(M), £0.00(NM))[R]
AMD 4619, July 1984 (£0.00(M), £0.00(NM))[R]
AMD 4917, September 1985 (£0.00(M), £0.00(NM))[R].
8 pages £29.00(M), £58.00(NM) ACE/61/-/49

BS 2TA 7:1973 (1993)
Specification for bar and section for machining of commercially pure titanium (tensile strength 540-740 N/mm²)
Replaces BS TA 7:1968.
2 pages £14.00(M), £28.00(NM) ACE/61/-/49

BS 2TA 8:1973 (1980) (obsolescent)
Specification for forging stock of commercially pure titanium (tensile strength 540-740 N/mm²)
Replaces BS TA 8:1968.
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BS 2TA 9:1973 (1980) (obsolescent)
Specification for forgings of commercially pure titanium (tensile strength 540-740 N/mm²)
Replaces BS TA 9:1968.
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BS 2TA 10:1974 (1993)
Specification for sheet of titanium-aluminium-vanadium alloy (tensile strength 960-1270 MPa)
Replaces BS TA 10:1968.
AMD 3771, October 1981 (£0.00(M), £0.00(NM))[R]
AMD 5462, April 1987 (£0.00(M), £0.00(NM))[R].
8 pages £14.00(M), £28.00(NM) ACE/61/-/49

BS 2TA 11:1974 (1993)
Specification for bar and section for machining of titanium-aluminium-vanadium alloy (tensile strength 900-1160 MPa) (limiting ruling section 150 mm)
Replaces BS TA 11:1968.
2 pages £14.00(M), £28.00(NM) ACE/61/-/49

BS 2TA 12:1974 (1993)
Specification for forging stock of titanium-aluminium-vanadium alloy (tensile strength 900-1160 MPa) (limiting ruling section 150 mm)
Replaces BS TA 12:1968.
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BS 2TA 13:1974 (1993)
Specification for forgings of titanium-aluminium-vanadium alloy (tensile strength 900-1160 MPa) (limiting ruling section 150 mm)
Replaces BS TA 13:1968.
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BS TA 14:1968 (withdrawn)
Titanium-aluminium-tin alloy sheets (tensile strength 82-108 hbar)

BS TA 15:1968 (withdrawn)
Titanium-aluminium-tin alloy bars for machining (tensile strength 79-108 hbar) (limiting section 150 mm (6 in))

BS TA 16:1968 (withdrawn)
Titanium-aluminium-tin alloy forging stock (tensile strength 79-108 hbar) (limiting ruling section 150 mm (6 in))

BS TA 17:1968 (withdrawn)
Titanium-aluminium-tin forgings (tensile strength 79-108 hbar) (limiting ruling section 150 mm (6 in))

BS TA 18:1968 (withdrawn)
Titanium-tin-zirconium-aluminium-molybdenum-silicon alloy bars for machining (tensile strength 111-134 hbar) (limiting ruling section 50 mm (2 in))

BS TA 19:1968 (withdrawn)
Titanium-tin-zirconium-aluminium-molybdenum-silicon alloy forging stock (tensile strength 111-134 hbar) (limiting ruling section 50 mm (2 in))

BS TA 20:1968 (withdrawn)
Titanium-tin-zirconium-aluminium-molybdenum-silicon forgings (tensile strength 111-134 hbar) (limiting ruling section 50 mm (2 in))

BS 2TA 21:1973 (1993)
Specification for sheet and strip of titanium-copper alloy (tensile strength 540-700 MPa)
Replaces BS TA 21:1968.
AMD 1392, April 1974 (£0.00(M), £0.00(NM))[R]
AMD 14603, December 2003 (£0.00(M), £0.00(NM))[R]
AMD 5463, April 1987 (£0.00(M), £0.00(NM))[R].
8 pages £29.00(M), £58.00(NM) ACE/61/-/49

BS 2TA 22:1973 (1980) (obsolescent)
Specification for bar and section for machining of titanium-copper alloy (tensile strength 540-770 N/mm²)
Replaces BS TA 22:1968.
2 pages £11.00(M), £22.00(NM) ACE/61/-/49

BS 2TA 23:1973 (1980) (obsolescent)
Specification for forging stock of titanium-copper alloy (tensile strength 540-770 N/mm²)
Replaces BS TA 23:1968.
2 pages £11.00(M), £22.00(NM) ACE/61/-/49

BS 2TA 24:1973 (1980) (obsolescent)
Specification for forgings of titanium-copper alloy (tensile strength 540-770 N/mm²)
Replaces BS TA 24:1968.
2 pages £11.00(M), £22.00(NM) ACE/61/-/49

BS TA 25:1968 (withdrawn)
Titanium-tin-zirconium-aluminium-molybdenum-silicon alloy bars for machining (tensile strength 102-127 hbar) (limiting ruling section 75 mm (3 in))

BS TA 26:1968 (withdrawn)
Titanium-tin-zirconium-aluminium-molybdenum-silicon alloy forging stock (tensile strength 103-127 hbar) (limiting ruling section 75 mm (3 in))

BS TA 27:1968 (withdrawn)
Titanium-tin-zirconium-aluminium-molybdenum-silicon alloy forgings (tensile strength 103-127 hbar) (limiting ruling section 75 mm (3 in))

BS 2TA 28:1974 (1993)
Specification for forging stock and wire of

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