



# ALLOY LIST



## Contents

[NICKEL BASED MONEL ALLOYS](#)

[COPPER NICKEL](#)

[ALUMINIUM GRADES](#)

[NAVAL ENGINEERING SPECIFICATIONS](#)

[DEFENCE STANDARDS](#)

[CAST IRON](#)

[S G IRON](#)

[AUSTENITIC IRON](#)

[ASTM IRON SPECIFICATIONS](#)

[ASTM COPPER SPECIFICATIONS](#)

[DIN COPPER BASED SPECIFICATIONS](#)

[DIN IRON BASED SPECIFICATIONS](#)

[BS 1400 BRITISH STANDARD COPPER ALLOYS](#)

[BS EN 1982 - EUROPEAN COPPER ALLOY SPECIFICATION](#)

[ROLLS ROYCE GRADES](#)



Type	Standard Specification	Grades
<b>NICKEL BASED MONEL ALLOYS</b>	BS 3071 1986  ASTM A494	NA1 NI/CU ALLOY NA2 NI/CU ALLOY NA3 NI/CU ALLOY M35-1 M25S
<b>COPPER NICKEL</b>	ASTM B369  BS EN 1982:1999	C96400 70/30 C96200 90/10 CuNi30Cr2FeMnSi-C GZ CC382H CuNi30Fe1Mn1NbSi-C GZ CC383H
<b>ALUMINIUM GRADES</b>	BS1490	LM6 LM13 LM20 LM27 LM25 LM4 LM4-TF LM31
<b>NAVAL ENGINEERING SPECIFICATIONS</b>	NES 747  NES 824 NES 830 NES 834 NES 836 NES 839	PART 1 PART 2 PART 3 PART 4 PART 1 PART 1 PART 3 PART 1 TYPE 2

<b>DEFENCE STANDARDS</b>	DEF STAN	02-747 PART 1 02-747 PART 2 02-747 PART 3 02-747 PART 4 02-824 PART 1 02-830 PART 1 02-834 PART 3 02-839 TYPE 2
<b>CAST IRON</b>	BS1452  BS EN 1561  DIN 1691	GRADE 180 GRADE 220 GRADE 250 GRADE 260 GRADE 350 EN-GJL-100 EN-GJL-150 EN-GJL-200 EN-GJL-250 EN-GJL-350 EN-GJL-300 GG-25 GG-30
<b>SG IRON</b>	BS 2789 BS EN 1563	GRADE 420/12 EN-GJS-350-22U EN-GJS-400-15U EN-GJS-400-18U EN-GJS-450-10U EN-GJS-500-7U EN-GJS-600-3U EN-GJS-700-2U EN-GJS-800-2U EN-GJS-900-2U
<b>AUSTENITIC IRON</b>	BS 3468  DIN 1694	F1 F2 F3 S2 S2W S2C S2B S3 GGG NI CR NB 20 2 GGG NI CR 20 2 GGG NI SI CR 30.5.5 GGL NI CR 30 3 GGL Ni CU CR 15.6.3
<b>ASTM IRON SPECIFICATIONS</b>	ASTM A48	GRADE 25 GRADE 30 GRADE 35 GRADE 60
<b>ASTM COPPER SPECIFICATIONS</b>	ASTM B148	C95200 C95300 C95400 C95410 C95500 C95520 C95600 C95700

	ASTM B271	C95800 C95820 C95900 C83600 C85700 C86300 C90300 C90500 C92200 C93800 C95400 C95500 C95800 C97600 C85700 C86200 C90300 C90500 C92200 C93200 C93700 C95200 C95300 C95400 C95410 C95500 C95520 C95600 C95700 C95800 C95820 C95900 C86500
<b>DIN COPPER BASED SPECIFICATIONS</b>	DIN 1705  DIN 1709  DIN 1714	CU SN BZ14 CU SN7 ZN PB CU SN12 PB CU SN12 CU SN12 NI CU SN10 CU SN5 ZN PB CU ZN25 AL5 CU ZN33 PB CU ZN34 AL2 CU ZN35 AL1 CU ZN37 PB CU AL10 NI CU AL9 NI CU AL11 NI CU AL10 FE CU PB15 SN CU PB10 SN
<b>DIN IRON BASED SPECIFICATIONS</b>	DIN 1691  DIN 1694	GG-25 GG-30 GGG NI CR NB 20 2 GGG NI CR 20 2 GGL NI CR 30 3

	DIN 1693	GGG40 GGG50 GGG60
<b>BS1400 BRITISH STANDARD COPPER ALLOYS</b>	BS1400	AB1 - ALUMINIUM BRONZE AB2 - NICKEL ALUMINIUM BRONZE AB3 - ALUMINIUM SILICON BRONZE CC1 COPPER CHROMIUM CC1-TF COPPER CHROMIUM CT1 - COPPER-TIN CT2 - COPPER TIN CN1 - COPPER NICKEL CHROMIUM CN2 - COPPER NICKEL NIOBIUM CMA1 - COPPER MANGANESE ALUMINIUM DCB1 - BRASS FOR DIE CASTINGS DCB3 - BRASS FOR DIE CASTINGS G1 - GUNMETAL G3 - NICKEL GUNMETAL HCC1 - HIGH CONDUCTIVITY COPPER HTB1 - HIGH TENSILE BRASS HTB3 - HIGH TENSILE BETA BRASS LB1 - LEADED BRONZE LB2 - LEADED BRONZE LB4 - LEADED BRONZE LG1 - LEADED GUNMETAL LG2 - LEADED GUNMETAL LG4 - LEADED GUNMETAL LPB1 - LEADED PHOSPHOR BRONZE PB1 - PHOSPHOR BRONZE PB2 - PHOSPHOR BRONZE PB3 - PHOSPHOR BRONZE PB4 - PHOSPHOR BRONZE SCB1 - BRASS FOR SAND CASTINGS SCB3 - BRASS FOR SAND CASTINGS SCB4 - NAVAL BRASS FOR SAND CASTING
<b>BS EN 1982 - EUROPEAN COPPER ALLOY SPECIFICATION</b>	BS EN 1982 : 1999	CUZN39PB1AL-C - CC754S - GS CUZN39PB1AL-C - CC754S - GZ CUZN25AL5MN4FE3-C - CC762S - GS CUZN25AL5MN4FE3-C - CC762S - GZ CUZN35MN2AL1FE1-C - CC765S -- GS CUZN35MN3AL1FE1-C - CC765S - GZ CUSN10-C - CC480K - GS CUSN10-C - CC480K - GZ CUSN11P-C - CC481K - GS CUSN11P-C - CC481K - GZ CUSN11P-C - CC481K - GS CUSN11P-C - CC481K - GZ CUSN11P-C - CC481K - GZ CUSN12-C - CC483K - GS CUSN12-C - CC483K - GZ CUSN12NI2-C - CC484K - GS CUSN12NI2-C - CC484K - GZ CUSN3ZN8PB5-C - CC490K - GS CUSN3ZN8PB5-C - CC490K - GZ CUSN5ZN5PB5-C - CC491K - GS CUSN5ZN5PB5-C - CC491K - GZ

		CUSN7ZN2PB3-C - CC492K - GS CUSN7ZN2PB3-C - CC492K - GZ CUSN5PB9-C - CC494K - GS CUSN5PB9-C - CC494K - GZ CUSN10PB10-C - CC495K - GS CUSN10PB10-C - CC495K - GZ CUSN7PB15-C - CC496K - GS CUSN7PB15-C - CC496K - GZ CUA110FE2-C - CC331G - GS CUA110FE2-C - CC331G - GZ CUA110FE5NI5-C - CC333G - GS CUA110FE5NI5-C - CC333G - GZ CUZN33PB2-C - CC750S - GS CUZN33PB2-C - CC750S - GZ CUZN34MN3A12FE1-C - CC764S - GS CUZN34MN3A12FE1-C - CC764S - GZ
<b>ROLLS ROYCE GRADES</b>	MSRR	6019 6048 6059 6085 6086 6517 6527 6534 6536 6613 8506 9538 9590

Westleys, Spunalloys and J. T. Price are not limited to the materials listed here.

**All enquiries are welcome**