



The Ralin Group Ltd (Bespoke Bolting)

UNS Reference	Specification
UNS A91060	1060 Aluminum
UNS A91145	1145 Aluminum
UNS A91188	1188 Aluminum
UNS A91235	1235 Aluminum
UNS A91350	1350 Aluminum
UNS A92011	2011 Aluminum
UNS A92014	2014 Aluminum
UNS A92017	2017 Aluminum
UNS A92117	2117 Aluminum
UNS A92124	2124 Aluminum
UNS A92219	2219 Aluminum
UNS A93003	3003 Aluminum
UNS A93004	3004 Aluminum
UNS A93015	3105 Aluminum
UNS A94032	4032 Aluminum
UNS A95005	5005 Aluminum
UNS A95050	5050 Aluminum
UNS A95052	5052 Aluminum
UNS A95056	5056 Aluminum
UNS A95083	5083 Aluminum
UNS A95086	5086 Aluminum
UNS A95356	5356 Aluminum
UNS A95454	5454 Aluminum
UNS A95456	5456 Aluminum
UNS A95657	5657 Aluminum
UNS A96013	6013 Aluminum
UNS A96061	6061 Aluminum
UNS A96063	6063 Aluminum
UNS A96101	6101 Aluminum
UNS A96262	6262 Aluminum
UNS A97010	7010 Aluminum
UNS A97050	7050 Aluminum
UNS A97072	7072 Aluminum
UNS A97075	7075 Aluminum
UNS A97178	7178 Aluminum
UNS A97475	7475 Aluminum
UNS G10050	1005 Carbon Steels
UNS G10080	1008 Carbon Steels
UNS G10100	1010 Carbon Steels
UNS G10150	1015 Carbon Steels
UNS G10170	1017 Carbon Steels
UNS G10180	1018 Carbon Steels
UNS G10200	1020 Carbon Steels
UNS G10210	1021 Carbon Steels
UNS G10220	1022 Carbon Steels
UNS G10250	1025 Carbon Steels
UNS G10260	1026 Carbon Steels
UNS G10290	1029 Carbon Steels
UNS G10300	1030 Carbon Steels
UNS G10350	1035 Carbon Steels
UNS G10380	1038 Carbon Steels
UNS G10400	1040 Carbon Steels
UNS G10420	1042 Carbon Steels
UNS G10450	1045 Carbon Steels
UNS G10460	1046 Carbon Steels
UNS G10500	1050 Carbon Steels
UNS G10530	1053 Carbon Steels
UNS G10600	1060 Carbon Steels
UNS G10650	1065 Carbon Steels
UNS G10700	1070 Carbon Steels



The Ralin Group Ltd (Bespoke Bolting)

UNS Reference	Specification
UNS G10740	1074 Carbon Steels
UNS G10750	1075 Carbon Steels
UNS G10780	1078 Carbon Steels
UNS G10900	1090 Carbon Steels
UNS G10950	1095 Carbon Steels
UNS G11170	1117 Carbon Steels
UNS G11180	1118 Carbon Steels
UNS G11190	1119 Carbon Steels
UNS G11370	1137 Carbon Steels
UNS G11400	1140 Carbon Steels
UNS G11410	1141 Carbon Steels
UNS G11440	1144 Carbon Steels
UNS G11460	1146 Carbon Steels
UNS G11510	1151 Carbon Steels
UNS G12130	1213 Carbon Steels
UNS G12144	12L14 Carbon Steels
UNS G12150	1215 Carbon Steels
UNS G15240	1524 Carbon Steels
UNS G15410	1541 Carbon Steels
UNS G33106	E3310 Alloy Steels
UNS G40470	4047 Alloy Steels
UNS G41180	4118 Alloy Steels
UNS G41300	4130 Alloy Steels
UNS G41400	4140 Alloy Steels
UNS G41400	A193 Grade B7 Alloy Steels
UNS G41420	4142 Alloy Steels
UNS G41450	4145 Alloy Steels
UNS G41500	4150 Alloy Steels
UNS G43200	4320 Alloy Steels
UNS G43400	4340 Alloy Steels
UNS G46150	4615 Alloy Steels
UNS G46170	4617 Alloy Steels
UNS G46200	4620 Alloy Steels
UNS G48170	4817 Alloy Steels
UNS G48200	4820 Alloy Steels
UNS G51600	5160 Alloy Steels
UNS G61500	6150 Alloy Steels
UNS G82150	4815 Alloy Steels
UNS G86150	8615 Alloy Steels
UNS G86170	8617 Alloy Steels
UNS G86200	8620 Alloy Steels
UNS G86220	8622 Alloy Steels
UNS G86250	8625 Alloy Steels
UNS G86270	8627 Alloy Steels
UNS G86300	8630 Alloy Steels
UNS G86400	8640 Alloy Steels
UNS G87400	8740 Alloy Steels
UNS G88220	8822 Alloy Steels
UNS G93106	E9310 Alloy Steels
UNS H41400	4140H Alloy Steels
UNS H41420	4142H Alloy Steels
UNS H4145	4145H Alloy Steels
UNS H4150	4150H Alloy Steels
UNS H43200	4320H Alloy Steels
UNS H43400	4340H Alloy Steels
UNS H46200	4620H Alloy Steels
UNS H48170	4817H Alloy Steels
UNS H48200	4820H Alloy Steels
UNS H86170	8617H Alloy Steels
UNS H86200	8620H Alloy Steels



The Ralin Group Ltd (Bespoke Bolting)

UNS Reference

Specification

UNS H86220	8622H Alloy Steels
UNS H86250	8625H Alloy Steels
UNS H86270	8627H Alloy Steels
UNS H88220	8822H Alloy Steels
UNS J91100	1100 Aluminum
UNS K01200	A633 Grade C Carbon Steels
UNS K02100	A516 Grade 60 Carbon Steels
UNS K02401	A283 Grade C Carbon Steels
UNS K02403	A516 Grade 65 Carbon Steels
UNS K02507	A570 Grade 50 Carbon Steels
UNS K02700	A516 Grade 70 Carbon Steels
UNS K02705	A500 Grade C Carbon Steels
UNS K02801	A285 Grade C Carbon Steels
UNS K03000	A500 Grade A Carbon Steels
UNS K03000	A500 Grade B Carbon Steels
UNS K03006	A333 Grade 6 Carbon Steels
UNS K03008	A333 Grade 1 Carbon Steels
UNS K03011	A350 Grade LF2 Alloy Steels
UNS K03101	A515 Grade 70 Carbon Steels
UNS K03504	A105 Carbon Steels
UNS K11267	A333 Grade 4 Carbon Steels
UNS K11430	A588 Grade A Alloy Steels
UNS K11510	A242 Alloy Steels
UNS K11576	A514 Grade F Alloy Steels
UNS K11597	A182 Grade F11 Alloy Steels
UNS K11597	A335 Grade P11 Alloy Steels
UNS K11630	A514 Grade B Alloy Steels
UNS K11646	A514 Grade H Alloy Steels
UNS K11789	A387 Grade 11 -PVQ Alloy Steels
UNS K11856	A514 Grade A Alloy Steels
UNS K12020	A204 Grade B -PVQ Alloy Steels
UNS K12202	A633 Grade E Carbon Steels
UNS K12822	A182 Grade F1/ CMO Alloy Steels
UNS K14072	A193 Grade B16 Alloy Steels
UNS K14675	17-22A Alloy Steels
UNS K21590	A387 Grade 22 -PVQ Alloy Steels
UNS K21590	A335 Grade P22 Alloy Steels
UNS K21590	A182 Grade F22 Alloy Steels
UNS K21604	A514 Grade E Alloy Steels
UNS K24065	Alloy 135 Modified Alloy Steels
UNS K24728	D6AC Alloy Steels
UNS K31918	A333 Grade 3 Carbon Steels
UNS K32550	HY-TUF Alloy Steels
UNS K41545	A182 Grade F5 Alloy Steels
UNS K41545	A335 Grade P5 Alloy Steels
UNS K44220	300M Alloy Steels
UNS K93600	Invar (tm) Super Alloy
UNS K94100	Alloy 42 (Ni-Fe Alloy) Super Alloy
UNS K94610	Kovar (tm) Super Alloy
UNS K94800	Alloy 48 (Ni-Fe Alloy) Super Alloy
UNS K95050	Alloy 52 (Ni-Fe Alloy) Super Alloy
UNS N02200	Nickel 200 Super Alloy
UNS N02201	Nickel 201 Super Alloy
UNS N02205	Nickel 205 Super Alloy
UNS N02211	Nickel 211 Super Alloy
UNS N02220	Nickel 220 Super Alloy
UNS N02230	Nickel 230 Super Alloy
UNS N02233	Nickel 233 Super Alloy
UNS N02270	Nickel 270 Super Alloy
UNS N03300	Permanickel 300 (tm) Super Alloy



The Ralin Group Ltd (Bespoke Bolting)

UNS Reference

Specification

UNS N04400	Monel 400 (tm) Super Alloy
UNS N04401	Monel 401 (tm) Super Alloy
UNS N04404	Monel 404 (tm) Super Alloy
UNS N04405	Monel R405 (tm) Super Alloy
UNS N05500	Monel K500 (tm) Super Alloy
UNS N05502	Monel 502 (tm) Super Alloy
UNS N06002	Hastelloy X (tm) Super Alloy
UNS N06003	Nichrome (tm) Super Alloy
UNS N06004	Nichrome V (tm) Super Alloy
UNS N06007	Hastelloy G (tm) Super Alloy
UNS N06010	ThermoAlloy 2 Super Alloy
UNS N06022	Hastelloy C22 (tm) Super Alloy
UNS N06030	Hastelloy G30 (tm) Super Alloy
UNS N06075	Nimonic 75 (tm) Super Alloy
UNS N06230	Haynes Alloy 230 (tm) Super Alloy
UNS N06333	333 Stainless Steel
UNS N06455	Hastelloy C4 (tm) Super Alloy
UNS N06600	Inconel 600 (tm) Super Alloy
UNS N06601	Inconel 601 (tm) Super Alloy
UNS N06617	Inconel 617 (tm) Super Alloy
UNS N06625	Inconel 625 (tm) Super Alloy
UNS N06635	Hastelloy S (tm) Super Alloy
UNS N06690	Inconel 690 (tm) Super Alloy
UNS N06920	Hastelloy H9M (tm) Super Alloy
UNS N06950	Hastelloy G50 (tm) Super Alloy
UNS N06975	Hastelloy G2 (tm) Super Alloy
UNS N06985	Hastelloy G3 (tm) Super Alloy
UNS N07001	Waspalloy (tm) Super Alloy
UNS N07041	Rene 41 (tm) Super Alloy
UNS N07080	Nimonic 80A (tm) Super Alloy
UNS N07090	Nimonic 90 (tm) Super Alloy
UNS N07214	Alloy 214 Super Alloy
UNS N07263	Hastelloy C263 (tm) Super Alloy
UNS N07500	Udimet 500 (tm) Super Alloy
UNS N07702	Inconel 702 (tm) Super Alloy
UNS N07718	Inconel 718 (tm) Super Alloy
UNS N07722	Inconel 722 (tm) Super Alloy
UNS N07750	Inconel X750 (tm) Super Alloy
UNS N07751	Inconel 751 (tm) Super Alloy
UNS N07754	Inconel MA 954 (tm) Super Alloy
UNS N08020	Alloy 20 Stainless Steel
UNS N08028	Sanicro 28 (tm) Stainless Steel
UNS N08330	330 Stainless Steel
UNS N08367	AL-6XN (tm) Stainless Steel
UNS N08800	Incoloy 800 (tm) Super Alloy
UNS N08810	Incoloy 800H (tm) Super Alloy
UNS N08811	Incoloy 800HT (tm) Super Alloy
UNS N08825	Incoloy 825 (tm) Super Alloy
UNS N08904	904L Stainless Steel
UNS N08925	Alloy 1925 Super Alloy
UNS N08926	25-6MO Super Alloy
UNS N09706	Inconel 706 (tm) Super Alloy
UNS N09901	Nimonic 901 (tm) Super Alloy
UNS N09902	Incoloy 902 (tm) Super Alloy
UNS N09925	Incoloy 925 (tm) Super Alloy
UNS N10001	Hastelloy B (tm) Super Alloy
UNS N10002	Hastelloy C (tm) Super Alloy
UNS N10003	Hastelloy N (tm) Super Alloy
UNS N10004	Hastelloy W (tm) Super Alloy
UNS N10276	Hastelloy C276 (tm) Super Alloy



The Ralin Group Ltd (Bespoke Bolting)

UNS Reference

Specification

UNS N10665	Hastelloy B2 (tm) Super Alloy
UNS N10675	Hastelloy B3 (tm) Super Alloy
UNS N19903	Incoloy 903 (tm) Super Alloy
UNS N19907	Incoloy 907 (tm) Super Alloy
UNS N19909	Incoloy 909 (tm) Super Alloy
UNS R30003	Elgiloy (tm) Super Alloy
UNS R30004	HAVAR Super Alloy
UNS R30035	MP-35N (tm) Super Alloy
UNS R30155	Alloy 155 - (Multimet tm)
UNS R30556	Haynes 556 (tm) Super Alloy
UNS R30605	Alloy 25 (L-605) Super Alloy
UNS R330188	Haynes 188 (tm) Super Alloy
UNS R50250	Comm. Pure Grade 1 Titanium
UNS R50400	Comm. Pure Grade 2 Titanium
UNS R50550	Comm. Pure Grade 3 Titanium
UNS R50700	Comm. Pure Grade 4 Titanium
UNS R52400	Comm. Pure Grade 7 Titanium
UNS R53400	Comm. Pure Grade 12 Titanium
UNS R54520	5-2.5 Titanium
UNS R54521	5-2.5 ELI Titanium
UNS R54620	6-2-4-2 Titanium
UNS R54810	8-1-1 Titanium
UNS R56080	8 Titanium
UNS R56260	6-2-4-6 Titanium
UNS R56320	3-2.5 Titanium
UNS R56400	6-4 Titanium
UNS R56401	6-4 ELI Titanium
UNS R56410	10-2-3 Titanium
UNS R56620	6-6-2 Titanium
UNS R58010	13-11-3 Titanium
UNS R58153	15-3-3-3 Titanium
UNS R58640	3-8-6-4-4 Titanium
UNS S13800	13-8 Stainless Steel
UNS S15500	15-5 Stainless Steel
UNS S15700	15-7 Stainless Steel
UNS S17400	17-4 (PH) Stainless Steel
UNS S17700	17-7 (PH) Stainless Steel
UNS S20100	201 Stainless Steel
UNS S20300	203 EZ Stainless Steel
UNS S20400	Nitronic 30 (tm) Super Alloy
UNS S20910	Nitronic 50 (tm) Super Alloy
UNS S21800	Nitronic 60 (tm) Super Alloy
UNS S21900	21-6-9 Stainless Steel
UNS S21900	Nitronic 40 (tm) Super Alloy
UNS S24000	Nitronic 33 (tm) Super Alloy
UNS S24100	Nitronic 32 (tm) Super Alloy
UNS S30100	301 Stainless Steel
UNS S30200	302 Stainless Steel
UNS S30300	303 Stainless Steel
UNS S30323	303 Se Stainless Steel
UNS S30400	304 Stainless Steel
UNS S30403	304L Stainless Steel
UNS S30409	304H Stainless Steel
UNS S30451	304N Stainless Steel
UNS S30453	304LN Stainless Steel
UNS S30500	305 Stainless Steel
UNS S30615	RA 85H Super Alloy
UNS S30800	308 Stainless Steel
UNS S30815	253 MA Stainless Steel
UNS S30900	309 Stainless Steel



The Ralin Group Ltd (Bespoke Bolting)

UNS Reference	Specification
UNS S30908	309S Stainless Steel
UNS S31000	310 Stainless Steel
UNS S31008	310S Stainless Steel
UNS S31050	Alloy 2RE69 Stainless Steel
UNS S31254	254 SMO Stainless Steel
UNS S31500	3RE60 Super Alloy
UNS S31600	316 Stainless Steel
UNS S31603	316L Stainless Steel
UNS S31635	316TI Stainless Steel
UNS S31653	316LN Stainless Steel
UNS S31700	317 Stainless Steel
UNS S31703	317L Stainless Steel
UNS S31725	317LM Stainless Steel
UNS S31726	317LMN Stainless Steel
UNS S31753	317LN Stainless Steel
UNS S31803	Alloy 2205 Code Plus Two
UNS S31803	Alloy 2205 (Duplex) Stainless Steel
UNS S32100	321 Stainless Steel
UNS S32109	321H Stainless Steel
UNS S32900	329 Stainless Steel
UNS S34700	347 Stainless Steel
UNS S34709	347H Stainless Steel
UNS S34800	348 Stainless Steel
UNS S35000	AM 350 (tm) Stainless Steel
UNS S35500	AM 355 (tm) Stainless Steel
UNS S39255	Alloy 255 Super Alloy
UNS S39275	Alloy 2507 (Duplex) Stainless Steel
UNS S39320	Alloy 2304 (Duplex) Stainless Steel
UNS S40300	403 Stainless Steel
UNS S40500	405 Stainless Steel
UNS S40900	409 Stainless Steel
UNS S41000	410 Stainless Steel
UNS S41008	410S Stainless Steel
UNS S41600	416 Stainless Steel
UNS S41800	Greek Ascology (tm) Stainless Steel
UNS S42000	420 Stainless Steel
UNS S42020	420F Stainless Steel
UNS S42200	422 Stainless Steel
UNS S43000	430 Stainless Steel
UNS S43020	430 F Stainless Steel
UNS S43023	430 F SE Stainless Steel
UNS S43100	431 Stainless Steel
UNS S43400	434 Stainless Steel
UNS S43600	436 Stainless Steel
UNS S44002	440 A Stainless Steel
UNS S44003	440 B Stainless Steel
UNS S44004	440 C Stainless Steel
UNS S44020	440 F Stainless Steel
UNS S44023	440 F SE Stainless Steel
UNS S44600	446 Stainless Steel
UNS S44627	E-Brite (tm) Stainless Steel
UNS S44660	Sea Cure (tm) Stainless Steel
UNS S44735	29-4C Super Alloy
UNS S44800	29-4-2 Super Alloy
UNS S45000	Custom 450 (tm) Stainless Steel
UNS S45500	Custom 455 (tm) Stainless Steel
UNS S50100	501 Stainless Steel
UNS S50200	502 Stainless Steel
UNS S50200	A387 Grade 5 -PVQ Alloy Steels
UNS S50400	A335 Grade P9 Alloy Steels



The Ralin Group Ltd (Bespoke Bolting)

UNS Reference	Specification
UNS S63198	19-9DL Stainless Steel
UNS S66220	Disalloy (tm) Super Alloy
UNS S66286	A-286 Super Alloy
UNS T11301	M1 Tool Steels
UNS T11302	M2 Tool Steels
UNS T11304	M4 Tool Steels
UNS T11307	M7 Tool Steels
UNS T11310	M10 Tool Steels
UNS T11313	M3 Type 1 Tool Steels
UNS T11323	M3 Type 2 Tool Steels
UNS T11330	M30 Tool Steels
UNS T11333	M33 Tool Steels
UNS T11334	M34 Tool Steels
UNS T11336	M36 Tool Steels
UNS T11341	M41 Tool Steels
UNS T11342	M42 Tool Steels
UNS T11343	M43 Tool Steels
UNS T11346	M46 Tool Steels
UNS T11348	M48 Tool Steels
UNS T11352	M52 Tool Steels
UNS T11361	M61 Tool Steels
UNS T11362	M62 Tool Steels
UNS T12001	T1 Tool Steels
UNS T12004	T4 Tool Steels
UNS T12005	T5 Tool Steels
UNS T12006	T6 Tool Steels
UNS T12008	T8 Tool Steels
UNS T12015	T15 Tool Steels
UNS T20810	H10 Tool Steels
UNS T20811	H11 Tool Steels
UNS T20812	H12 Tool Steels
UNS T20813	H13 Tool Steels
UNS T20814	H14 Tool Steels
UNS T20819	H19 Tool Steels
UNS T20821	H21 Tool Steels
UNS T20822	H22 Tool Steels
UNS T20823	H23 Tool Steels
UNS T20824	H24 Tool Steels
UNS T20824	H26 Tool Steels
UNS T20842	H42 Tool Steels
UNS T30102	A2 Tool Steels
UNS T30104	A4 Tool Steels
UNS T30106	A6 Tool Steels
UNS T30107	A7 Tool Steels
UNS T30108	A8 Tool Steels
UNS T30109	A9 Tool Steels
UNS T30110	A10 Tool Steels
UNS T30402	D2 Tool Steels
UNS T30403	D3 Tool Steels
UNS T30404	D4 Tool Steels
UNS T30405	D5 Tool Steels
UNS T30407	D7 Tool Steels
UNS T31501	O1 Tool Steels
UNS T31502	O2 Tool Steels
UNS T31506	O6 Tool Steels
UNS T31507	O7 Tool Steels
UNS T41901	S1 Tool Steels
UNS T41902	S2 Tool Steels
UNS T41904	S4 Tool Steels
UNS T41905	S5 Tool Steels



The Ralin Group Ltd (Bespoke Bolting)

UNS Reference	Specification
UNS T41906	S6 Tool Steels
UNS T41907	S7 Tool Steels
UNS T51606	P6 Tool Steels
UNS T51620	P20 Tool Steels
UNS T51621	P21 Tool Steels
UNS T60601	F1 Tool Steels
UNS T60602	F2 Tool Steels
UNS T61202	L2 Tool Steels
UNS T61206	L6 Tool Steels
UNS T72301	W1 Tool Steels
UNS T72302	W2 Tool Steels
UNS T72305	W5 Tool Steels
UNS A91060	1060 Aluminum
UNS A91145	1145 Aluminum
UNS A91188	1188 Aluminum
UNS A91235	1235 Aluminum
UNS A91350	1350 Aluminum
UNS A92011	2011 Aluminum
UNS A92014	2014 Aluminum
UNS A92017	2017 Aluminum
UNS A92117	2117 Aluminum
UNS A92124	2124 Aluminum
UNS A92219	2219 Aluminum
UNS A93003	3003 Aluminum
UNS A93004	3004 Aluminum
UNS A93015	3105 Aluminum
UNS A94032	4032 Aluminum
UNS A95005	5005 Aluminum
UNS A95050	5050 Aluminum
UNS A95052	5052 Aluminum
UNS A95056	5056 Aluminum
UNS A95083	5083 Aluminum
UNS A95086	5086 Aluminum
UNS A95356	5356 Aluminum
UNS A95454	5454 Aluminum
UNS A95456	5456 Aluminum
UNS A95657	5657 Aluminum
UNS A96013	6013 Aluminum
UNS A96061	6061 Aluminum
UNS A96063	6063 Aluminum
UNS A96101	6101 Aluminum
UNS A96262	6262 Aluminum
UNS A97010	7010 Aluminum
UNS A97050	7050 Aluminum
UNS A97072	7072 Aluminum
UNS A97075	7075 Aluminum
UNS A97178	7178 Aluminum
UNS A97475	7475 Aluminum
UNS G10050	1005 Carbon Steels
UNS G10080	1008 Carbon Steels
UNS G10100	1010 Carbon Steels
UNS G10150	1015 Carbon Steels
UNS G10170	1017 Carbon Steels
UNS G10180	1018 Carbon Steels
UNS G10200	1020 Carbon Steels
UNS G10210	1021 Carbon Steels
UNS G10220	1022 Carbon Steels



The Ralin Group Ltd (Bespoke Bolting)

UNS Reference	Specification
UNS G10250	1025 Carbon Steels
UNS G10260	1026 Carbon Steels
UNS G10290	1029 Carbon Steels
UNS G10300	1030 Carbon Steels
UNS G10350	1035 Carbon Steels
UNS G10380	1038 Carbon Steels
UNS G10400	1040 Carbon Steels
UNS G10420	1042 Carbon Steels
UNS G10450	1045 Carbon Steels
UNS G10460	1046 Carbon Steels
UNS G10500	1050 Carbon Steels
UNS G10530	1053 Carbon Steels
UNS G10600	1060 Carbon Steels
UNS G10650	1065 Carbon Steels
UNS G10700	1070 Carbon Steels
UNS G10740	1074 Carbon Steels
UNS G10750	1075 Carbon Steels
UNS G10780	1078 Carbon Steels
UNS G10900	1090 Carbon Steels
UNS G10950	1095 Carbon Steels
UNS G11170	1117 Carbon Steels
UNS G11180	1118 Carbon Steels
UNS G11190	1119 Carbon Steels
UNS G11370	1137 Carbon Steels
UNS G11400	1140 Carbon Steels
UNS G11410	1141 Carbon Steels
UNS G11440	1144 Carbon Steels
UNS G11460	1146 Carbon Steels
UNS G11510	1151 Carbon Steels
UNS G12130	1213 Carbon Steels
UNS G12144	12L14 Carbon Steels
UNS G12150	1215 Carbon Steels
UNS G15240	1524 Carbon Steels
UNS G15410	1541 Carbon Steels
UNS G33106	E3310 Alloy Steels
UNS G40470	4047 Alloy Steels
UNS G41180	4118 Alloy Steels
UNS G41300	4130 Alloy Steels
UNS G41400	4140 Alloy Steels
UNS G41400	A193 Grade B7 Alloy Steels
UNS G41420	4142 Alloy Steels
UNS G41450	4145 Alloy Steels
UNS G41500	4150 Alloy Steels
UNS G43200	4320 Alloy Steels
UNS G43400	4340 Alloy Steels
UNS G46150	4615 Alloy Steels
UNS G46170	4617 Alloy Steels
UNS G46200	4620 Alloy Steels
UNS G48170	4817 Alloy Steels
UNS G48200	4820 Alloy Steels
UNS G51600	5160 Alloy Steels
UNS G61500	6150 Alloy Steels
UNS G82150	4815 Alloy Steels
UNS G86150	8615 Alloy Steels
UNS G86170	8617 Alloy Steels
UNS G86200	8620 Alloy Steels
UNS G86220	8622 Alloy Steels



The Ralin Group Ltd (Bespoke Bolting)

UNS Reference

Specification

UNS G86250	8625 Alloy Steels
UNS G86270	8627 Alloy Steels
UNS G86300	8630 Alloy Steels
UNS G86400	8640 Alloy Steels
UNS G87400	8740 Alloy Steels
UNS G88220	8822 Alloy Steels
UNS G93106	E9310 Alloy Steels
UNS H41400	4140H Alloy Steels
UNS H41420	4142H Alloy Steels
UNS H4145	4145H Alloy Steels
UNS H4150	4150H Alloy Steels
UNS H43200	4320H Alloy Steels
UNS H43400	4340H Alloy Steels
UNS H46200	4620H Alloy Steels
UNS H48170	4817H Alloy Steels
UNS H48200	4820H Alloy Steels
UNS H86170	8617H Alloy Steels
UNS H86200	8620H Alloy Steels
UNS H86220	8622H Alloy Steels
UNS H86250	8625H Alloy Steels
UNS H86270	8627H Alloy Steels
UNS H88220	8822H Alloy Steels
UNS J91100	1100 Aluminum
UNS K01200	A633 Grade C Carbon Steels
UNS K02100	A516 Grade 60 Carbon Steels
UNS K02401	A283 Grade C Carbon Steels
UNS K02403	A516 Grade 65 Carbon Steels
UNS K02507	A570 Grade 50 Carbon Steels
UNS K02700	A516 Grade 70 Carbon Steels
UNS K02705	A500 Grade C Carbon Steels
UNS K02801	A285 Grade C Carbon Steels
UNS K03000	A500 Grade A Carbon Steels
UNS K03000	A500 Grade B Carbon Steels
UNS K03006	A333 Grade 6 Carbon Steels
UNS K03008	A333 Grade 1 Carbon Steels
UNS K03011	A350 Grade LF2 Alloy Steels
UNS K03101	A515 Grade 70 Carbon Steels
UNS K03504	A105 Carbon Steels
UNS K11267	A333 Grade 4 Carbon Steels
UNS K11430	A588 Grade A Alloy Steels
UNS K11510	A242 Alloy Steels
UNS K11576	A514 Grade F Alloy Steels
UNS K11597	A182 Grade F11 Alloy Steels
UNS K11597	A335 Grade P11 Alloy Steels
UNS K11630	A514 Grade B Alloy Steels
UNS K11646	A514 Grade H Alloy Steels
UNS K11789	A387 Grade 11 -PVQ Alloy Steels
UNS K11856	A514 Grade A Alloy Steels
UNS K12020	A204 Grade B -PVQ Alloy Steels
UNS K12202	A633 Grade E Carbon Steels
UNS K12822	A182 Grade F1/ CMO Alloy Steels
UNS K14072	A193 Grade B16 Alloy Steels
UNS K14675	17-22A Alloy Steels
UNS K21590	A387 Grade 22 -PVQ Alloy Steels
UNS K21590	A335 Grade P22 Alloy Steels
UNS K21590	A182 Grade F22 Alloy Steels
UNS K21604	A514 Grade E Alloy Steels



The Ralin Group Ltd (Bespoke Bolting)

UNS Reference

Specification

UNS K24065	Alloy 135 Modified Alloy Steels
UNS K24728	D6AC Alloy Steels
UNS K31918	A333 Grade 3 Carbon Steels
UNS K32550	HY-TUF Alloy Steels
UNS K41545	A182 Grade F5 Alloy Steels
UNS K41545	A335 Grade P5 Alloy Steels
UNS K44220	300M Alloy Steels
UNS K93600	Invar (tm) Super Alloy
UNS K94100	Alloy 42 (Ni-Fe Alloy) Super Alloy
UNS K94610	Kovar (tm) Super Alloy
UNS K94800	Alloy 48 (Ni-Fe Alloy) Super Alloy
UNS K95050	Alloy 52 (Ni-Fe Alloy) Super Alloy
UNS N02200	Nickel 200 Super Alloy
UNS N02201	Nickel 201 Super Alloy
UNS N02205	Nickel 205 Super Alloy
UNS N02211	Nickel 211 Super Alloy
UNS N02220	Nickel 220 Super Alloy
UNS N02230	Nickel 230 Super Alloy
UNS N02233	Nickel 233 Super Alloy
UNS N02270	Nickel 270 Super Alloy
UNS N03300	Permanickel 300 (tm) Super Alloy
UNS N04400	Monel 400 (tm) Super Alloy
UNS N04401	Monel 401 (tm) Super Alloy
UNS N04404	Monel 404 (tm) Super Alloy
UNS N04405	Monel R405 (tm) Super Alloy
UNS N05500	Monel K500 (tm) Super Alloy
UNS N05502	Monel 502 (tm) Super Alloy
UNS N06002	Hastelloy X (tm) Super Alloy
UNS N06003	Nichrome (tm) Super Alloy
UNS N06004	Nichrome V (tm) Super Alloy
UNS N06007	Hastelloy G (tm) Super Alloy
UNS N06010	ThermoAlloy 2 Super Alloy
UNS N06022	Hastelloy C22 (tm) Super Alloy
UNS N06030	Hastelloy G30 (tm) Super Alloy
UNS N06075	Nimonic 75 (tm) Super Alloy
UNS N06230	Haynes Alloy 230 (tm) Super Alloy
UNS N06333	333 Stainless Steel
UNS N06455	Hastelloy C4 (tm) Super Alloy
UNS N06600	Inconel 600 (tm) Super Alloy
UNS N06601	Inconel 601 (tm) Super Alloy
UNS N06617	Inconel 617 (tm) Super Alloy
UNS N06625	Inconel 625 (tm) Super Alloy
UNS N06635	Hastelloy S (tm) Super Alloy
UNS N06690	Inconel 690 (tm) Super Alloy
UNS N06920	Hastelloy H9M (tm) Super Alloy
UNS N06950	Hastelloy G50 (tm) Super Alloy
UNS N06975	Hastelloy G2 (tm) Super Alloy
UNS N06985	Hastelloy G3 (tm) Super Alloy
UNS N07001	Waspalloy (tm) Super Alloy
UNS N07041	Rene 41 (tm) Super Alloy
UNS N07080	Nimonic 80A (tm) Super Alloy
UNS N07090	Nimonic 90 (tm) Super Alloy
UNS N07214	Alloy 214 Super Alloy
UNS N07263	Hastelloy C263 (tm) Super Alloy
UNS N07500	Udimet 500 (tm) Super Alloy
UNS N07702	Inconel 702 (tm) Super Alloy
UNS N07718	Inconel 718 (tm) Super Alloy



The Ralin Group Ltd (Bespoke Bolting)

UNS Reference

Specification

UNS N07722	Inconel 722 (tm) Super Alloy
UNS N07750	Inconel X750 (tm) Super Alloy
UNS N07751	Inconel 751 (tm) Super Alloy
UNS N07754	Inconel MA 954 (tm) Super Alloy
UNS N08020	Alloy 20 Stainless Steel
UNS N08028	Sanicro 28 (tm) Stainless Steel
UNS N08330	330 Stainless Steel
UNS N08367	AL-6XN (tm) Stainless Steel
UNS N08800	Incoloy 800 (tm) Super Alloy
UNS N08810	Incoloy 800H (tm) Super Alloy
UNS N08811	Incoloy 800HT (tm) Super Alloy
UNS N08825	Incoloy 825 (tm) Super Alloy
UNS N08904	904L Stainless Steel
UNS N08925	Alloy 1925 Super Alloy
UNS N08926	25-6MO Super Alloy
UNS N09706	Inconel 706 (tm) Super Alloy
UNS N09901	Nimonic 901 (tm) Super Alloy
UNS N09902	Incoloy 902 (tm) Super Alloy
UNS N09925	Incoloy 925 (tm) Super Alloy
UNS N10001	Hastelloy B (tm) Super Alloy
UNS N10002	Hastelloy C (tm) Super Alloy
UNS N10003	Hastelloy N (tm) Super Alloy
UNS N10004	Hastelloy W (tm) Super Alloy
UNS N10276	Hastelloy C276 (tm) Super Alloy
UNS N10665	Hastelloy B2 (tm) Super Alloy
UNS N10675	Hastelloy B3 (tm) Super Alloy
UNS N19903	Incoloy 903 (tm) Super Alloy
UNS N19907	Incoloy 907 (tm) Super Alloy
UNS N19909	Incoloy 909 (tm) Super Alloy
UNS R30003	Elgiloy (tm) Super Alloy
UNS R30004	HAVAR Super Alloy
UNS R30035	MP-35N (tm) Super Alloy
UNS R30155	Alloy 155 - (Multimet tm) Super Alloy
UNS R30556	Haynes 556 (tm) Super Alloy
UNS R30605	Alloy 25 (L-605) Super Alloy
UNS R330188	Haynes 188 (tm) Super Alloy
UNS R50250	Commercially Pure Grade 1 Titanium
UNS R50400	Commercially Pure Grade 2 Titanium
UNS R50550	Commercially Pure Grade 3 Titanium
UNS R50700	Commercially Pure Grade 4 Titanium
UNS R52400	Commercially Pure Grade 7 Titanium
UNS R53400	Commercially Pure Grade 12 Titanium
UNS R54520	5-2.5 Titanium
UNS R54521	5-2.5 ELI Titanium
UNS R54620	6-2-4-2 Titanium
UNS R54810	8-1-1 Titanium
UNS R56080	8 Titanium
UNS R56260	6-2-4-6 Titanium
UNS R56320	3-2.5 Titanium
UNS R56400	6-4 Titanium
UNS R56401	6-4 ELI Titanium
UNS R56410	10-2-3 Titanium
UNS R56620	6-6-2 Titanium
UNS R58010	13-11-3 Titanium
UNS R58153	15-3-3-3 Titanium
UNS R58640	3-8-6-4-4 Titanium
UNS S13800	13-8 Stainless Steel



The Ralin Group Ltd (Bespoke Bolting)

UNS Reference	Specification
UNS S15500	15-5 Stainless Steel
UNS S15700	15-7 Stainless Steel
UNS S17400	17-4 (PH) Stainless Steel
UNS S17700	17-7 (PH) Stainless Steel
UNS S20100	201 Stainless Steel
UNS S20300	203 EZ Stainless Steel
UNS S20400	Nitronic 30 (tm) Super Alloy
UNS S20910	Nitronic 50 (tm) Super Alloy
UNS S21800	Nitronic 60 (tm) Super Alloy
UNS S21900	21-6-9 Stainless Steel
UNS S21900	Nitronic 40 (tm) Super Alloy
UNS S24000	Nitronic 33 (tm) Super Alloy
UNS S24100	Nitronic 32 (tm) Super Alloy
UNS S30100	301 Stainless Steel
UNS S30200	302 Stainless Steel
UNS S30300	303 Stainless Steel
UNS S30323	303 Se Stainless Steel
UNS S30400	304 Stainless Steel
UNS S30403	304L Stainless Steel
UNS S30409	304H Stainless Steel
UNS S30451	304N Stainless Steel
UNS S30453	304LN Stainless Steel
UNS S30500	305 Stainless Steel
UNS S30615	RA 85H Super Alloy
UNS S30800	308 Stainless Steel
UNS S30815	253 MA Stainless Steel
UNS S30900	309 Stainless Steel
UNS S30908	309S Stainless Steel
UNS S31000	310 Stainless Steel
UNS S31008	310S Stainless Steel
UNS S31050	Alloy 2RE69 Stainless Steel
UNS S31254	254 SMO Stainless Steel
UNS S31500	3RE60 Super Alloy
UNS S31600	316 Stainless Steel
UNS S31603	316L Stainless Steel
UNS S31635	316TI Stainless Steel
UNS S31653	316LN Stainless Steel
UNS S31700	317 Stainless Steel
UNS S31703	317L Stainless Steel
UNS S31725	317LM Stainless Steel
UNS S31726	317LMN Stainless Steel
UNS S31753	317LN Stainless Steel
UNS S31803	Alloy 2205 Code Plus Two Stainless Steel
UNS S31803	Alloy 2205 (Duplex) Stainless Steel
UNS S32100	321 Stainless Steel
UNS S32109	321H Stainless Steel
UNS S32900	329 Stainless Steel
UNS S34700	347 Stainless Steel
UNS S34709	347H Stainless Steel
UNS S34800	348 Stainless Steel
UNS S35000	AM 350 (tm) Stainless Steel
UNS S35500	AM 355 (tm) Stainless Steel
UNS S39255	Alloy 255 Super Alloy
UNS S39275	Alloy 2507 (Duplex) Stainless Steel
UNS S39320	Alloy 2304 (Duplex) Stainless Steel
UNS S40300	403 Stainless Steel
UNS S40500	405 Stainless Steel



The Ralin Group Ltd (Bespoke Bolting)

UNS Reference

Specification

UNS S40900	409 Stainless Steel
UNS S41000	410 Stainless Steel
UNS S41008	410S Stainless Steel
UNS S41600	416 Stainless Steel
UNS S41800	Greek Ascoloy (tm) Stainless Steel
UNS S42000	420 Stainless Steel
UNS S42020	420F Stainless Steel
UNS S42200	422 Stainless Steel
UNS S43000	430 Stainless Steel
UNS S43020	430 F Stainless Steel
UNS S43023	430 F SE Stainless Steel
UNS S43100	431 Stainless Steel
UNS S43400	434 Stainless Steel
UNS S43600	436 Stainless Steel
UNS S44002	440 A Stainless Steel
UNS S44003	440 B Stainless Steel
UNS S44004	440 C Stainless Steel
UNS S44020	440 F Stainless Steel
UNS S44023	440 F SE Stainless Steel
UNS S44600	446 Stainless Steel
UNS S44627	E-Brite (tm) Stainless Steel
UNS S44660	Sea Cure (tm) Stainless Steel
UNS S44735	29-4C Super Alloy
UNS S44800	29-4-2 Super Alloy
UNS S45000	Custom 450 (tm) Stainless Steel
UNS S45500	Custom 455 (tm) Stainless Steel
UNS S50100	501 Stainless Steel
UNS S50200	502 Stainless Steel
UNS S50200	A387 Grade 5 -PVQ Alloy Steels
UNS S50400	A335 Grade P9 Alloy Steels
UNS S63198	19-9DL Stainless Steel
UNS S66220	Discalloy (tm) Super Alloy
UNS S66286	A-286 Super Alloy
UNS T11301	M1 Tool Steels
UNS T11302	M2 Tool Steels
UNS T11304	M4 Tool Steels
UNS T11307	M7 Tool Steels
UNS T11310	M10 Tool Steels
UNS T11313	M3 Type 1 Tool Steels
UNS T11323	M3 Type 2 Tool Steels
UNS T11330	M30 Tool Steels
UNS T11333	M33 Tool Steels
UNS T11334	M34 Tool Steels
UNS T11336	M36 Tool Steels
UNS T11341	M41 Tool Steels
UNS T11342	M42 Tool Steels
UNS T11343	M43 Tool Steels
UNS T11346	M46 Tool Steels
UNS T11348	M48 Tool Steels
UNS T11352	M52 Tool Steels
UNS T11361	M61 Tool Steels
UNS T11362	M62 Tool Steels
UNS T12001	T1 Tool Steels
UNS T12004	T4 Tool Steels
UNS T12005	T5 Tool Steels
UNS T12006	T6 Tool Steels
UNS T12008	T8 Tool Steels



The Ralin Group Ltd (Bespoke Bolting)

UNS Reference

Specification

UNS T12015	T15 Tool Steels
UNS T20810	H10 Tool Steels
UNS T20811	H11 Tool Steels
UNS T20812	H12 Tool Steels
UNS T20813	H13 Tool Steels
UNS T20814	H14 Tool Steels
UNS T20819	H19 Tool Steels
UNS T20821	H21 Tool Steels
UNS T20822	H22 Tool Steels
UNS T20823	H23 Tool Steels
UNS T20824	H24 Tool Steels
UNS T20824	H26 Tool Steels
UNS T20842	H42 Tool Steels
UNS T30102	A2 Tool Steels
UNS T30104	A4 Tool Steels
UNS T30106	A6 Tool Steels
UNS T30107	A7 Tool Steels
UNS T30108	A8 Tool Steels
UNS T30109	A9 Tool Steels
UNS T30110	A10 Tool Steels
UNS T30402	D2 Tool Steels
UNS T30403	D3 Tool Steels
UNS T30404	D4 Tool Steels
UNS T30405	D5 Tool Steels
UNS T30407	D7 Tool Steels
UNS T31501	O1 Tool Steels
UNS T31502	O2 Tool Steels
UNS T31506	O6 Tool Steels
UNS T31507	O7 Tool Steels
UNS T41901	S1 Tool Steels
UNS T41902	S2 Tool Steels
UNS T41904	S4 Tool Steels
UNS T41905	S5 Tool Steels
UNS T41906	S6 Tool Steels
UNS T41907	S7 Tool Steels
UNS T51606	P6 Tool Steels
UNS T51620	P20 Tool Steels
UNS T51621	P21 Tool Steels
UNS T60601	F1 Tool Steels
UNS T60602	F2 Tool Steels
UNS T61202	L2 Tool Steels
UNS T61206	L6 Tool Steels
UNS T72301	W1 Tool Steels
UNS T72302	W2 Tool Steels
UNS T72305	W5 Tool Steels