BRAVO BRONZE

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| ALLOY (UNS) | RWMA | | | ASTM | | | | SAE | | | AMS | | FEDERAL (QQ) | | MIL | | JIS | | BS | EN | DIN | | | | ASME | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C10100 | | B-133 | B-152 | F68 | | | | | | | | | C-502 | C-576 | | | | | | | | | | | | | | |
| C10200 | | B-187 | | | | | J461 | J463 | | 4501 | 4602 | | | | | | | | | | | | | | SB133 | SB152 | | |
| C10500 | | B-133 | B-152 | | | | | | | | | | C-502 | C-576 | | | | | | | | | | | SB152 | | | |
| C10700 | | B-133 | B-152 | | | | | | | | | | C-502 | C-576 | | | | | | | | | | | SB152 | | | |
| C11000 | | B-187 | B-124 | B-133 | | | J461 | J463 | | 4500 | | | C-502 | C-576 | C-12166 | | C11008 | | | | 1754 | | | | SB133 | | | |
| C12000 | | B-133 | B-152 | | | | J461 | J463 | | | | | C-502 | C-576 | | | | | | | | | | | SB133 | | | |
| C12200 | | B-111 | B-133 | B-152 | | | J461 | J463 | | | | | C-502 | C-576 | | | C12208 | | | | 1785 | | | | | | | |
| C14500 | | B-301 | | | | | J461 | J463 | | | | | | | | | | | | | | | | | | | | |
| C14700 | | B-301 | | | | | J461 | J463 | | | | | | | | | | | | | | | | | | | | |
| C15000 | CLASS 1 | B-194 | | | | | J461 | J463 | | | | | | | | | | | | | | | | | | | | |
| C16200 | | B-194 | | | | | J461 | J463 | | | | | | | | | | | | | | | | | | | | |
| C16500 | | B-196 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C17000 | CLASS 4 | B-441 | B-196 | B-570 | | | J461 | J463 | | | | | | | | | | | | | | | | | | | | |
| C17200 | CLASS 4 | B-441 | B-196 | B-570 | | | J461 | J463 | | 4533 | 4534 | 4650 | C-533 | C-530-A | | | C-21657 | | CW101C | | | | | | | | | |
| C17300 | | | B-197 | | | | | | | 4650 | 4651 | | C-530 | | | | C-21657 | | | | | | | | | | | |
| C17500 | CLASS 3 | | B-534 | | | | J461 | J463 | | | | | | | | | | | CW104C | C112 | | | | | | | | |
| C17510 | CLASS 3 | | B-534 | B-870 | | | J461 | J463 | | | | | | | | | C-81021 | | CW110C | | | | | | | | | |
| C18000 | CLASS 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C18150 | CLASS 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C18200 | CLASS 2 | | | | | | | | | | | | | | | | C-19311 | | | | 2.1293 | | | | | | | |
| C18700 | | B-301 | | | | | J461 | J463 | | | | | | | | | | | | | | | | | | | | |
| C19160 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C21000 | | B-134 | B-587 | B-36 | | | J461 | J463 | | | | | | | | | | | | | 2.022 | | | | | | | |
| C22000 | | B-135 | B-372 | B-587 | | | J461 | J463 | | | | | | | | | W-85 | | CZ101 | CW501L | 2.023 | | | | | | | |
| C22600 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C23000 | | B-36 | B-698 | B-111 | B-359 | B-135 | J461 | J463 | | 4533 | | | | | T-20168 | | | | CZ102 | CW502L | 2.024 | | | | SB111 | SB359 | SB135 | |
| C23400 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C24000 | | B-36 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C26000 | | B-19 | B-36 | B-129 | B-135 | | J461 | J463 | | 4505-8 | 4555 | 4507 | T-791 | B-613 | T-20219 | C-10375 | | | CZ106 | CW505L | 2.0265 | | | | | | | |
| C27000 | | B-135 | | | | | | | | | | | | | | | | | CZ108 | CW507L | 2.0335 | | | | | | | |
| C27200 | | B-135 | B-36 | | | | | | | | | | | | | | | | CZ108 | CW508L | | | | | | | | |
| C27400 | | B-134 | | | | | | | | | | | | | | | | | | | 2.0321 | | | | | | | |
| C28000 | | B-135 | | | | | | | | | | | | | | | | | CZ109 | CW509L | 2.036 | | | | | | | |
| C31400 | | B-140 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C31600 | | B-140 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C34000 | | B-121 | B-453 | | | | | | | | | | | | | | | | | | | | | | | | | |
| C34500 | | B-453 | | | | | J461 | J463 | | | | | B626 | | | | | | | | | | | | | | | |
| C35200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C35300 | | B-453 | B-121 | | | | | | | | | | | | | | | | | CW603N | 2.0371 | | | | | | | |
| C36000 | | B-16 | | | | | J461 | J463 | 72 | 4610 | | | B626 | B-613 | V-18436 | | C3601 | C3602 | CZ124 | CW603N | 2.0375 | | | | | | | |
| C37700 | | B-124 | | | | | | | | 4614 | | | | | | | C3603 | C3771 | CZ106/122 | CW617N | 2.038 | | | | | | | |
| C38000 | | | | | | | | | | | | | | | | | | | | | 2.0402 | | | | | | | |
| C38500 | | B-455 | | | | | | | | | | | | | | | C3603 | | CZ121/3 | CW614N | 2.0401 | | | | | | | |
| C44300 | | B-135 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C46200 | | B-21 | | | | | | | | | | | B-639 | | | | | | | | | | | | | | | |
| C46400 | | B-21 | B-124 | B-171 | | | J461 | J463 | 73 | 4611 | 4612 | | B-639 | | W-6712 | | | | CZ112/113/133 | CW719R | | | | | | | | |
| C46500 | | | | | | | J461 | J463 | | | | | | | | | | | | | | | | | | | | |
| C46600 | | | | | | | J461 | J463 | | | | | | | | | | | | | | | | | | | | |
| C46700 | | | | | | | J461 | J463 | | | | | | | | | | | | | | | | | | | | |
| C48200 | | B-21 | B-124 | | | | | | | 4611 | | | B-639 | | | | | | | CW714R | | | | | | | | |
| C48500 | | B-21 | B-124 | | | | | | | | | | B-639 | | | | | | | | | | | | | | | |
| C48600 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C50700 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C51000 | | B-100 | B-103 | B-139 | B-140 | B-159 | J461 | J463 | | 4625 | 4510 | | B-750 A | W-321 | T-3595 | B-13501 | | | PB102 | CW451K | | | | | | | | |
| C51100 | | B-103 | | | | | | | | | | | | | T-3595 | | | | PB101 | CW450K | | | | | | | | |
| C52100 | | B-139 | B-103 | B-140 | | | | | | | | | B-750 | | | | | | PB104 | CW453K | 2.103 | | | | | | | |
| C52400 | | B-139 | B-103 | B-140 | | | J461 | J463 | | | | | B-750 | | | | | | PB1 | | | | | | | | | |
| C53200 | | B-103 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C53400 | | | | | | | | | | | | | | | | | | | | CW458K | | | | | | | | |
| C54400 | | B-103 | B-139 | B-140 | | | J461 | J463 | 791 | 4520 | | | B-750-B | | | | | | | CW456K | | | | | | | | |
| C61000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C61300 | | B-150 | B-171 | B-169 | | | | | | | | | C-450 | | | | | | | | | | | | SB150 | SB169 | SB171 | |
| C61400 | | B-100 | B-150 | B-169 | B-171 | | J461 | J463 | | | | | C-450 | C-465 | | | | | | | | | | | SB150 | SB169 | SB171 | |
| C61800 | | | | | | | | J463 | | 4630 | 4632 | | | | | | | | CA103 | CW305G | | | | | | | | |
| C62300 | | B-124 | B-150 | B-283 | | | J461 | J463 | | 4635 | | | C-465 | | B-16166 | | | | | | | | | | SB150 | | | |
| C62400 | | B-150 | | | | | J461 | J463 | | | | | | | | | | | | | | | | | | | | |
| C62500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C63000 | | B-124 | B-150 | B-171 | B-283 | | J461 | J463 | | | 4640F | 4880B | C-450 | C465 | B-16166 | | | | CA105 | CW307G | | | | | SB150 | | | |
| C63020 | | B-150 | B-315 | | | | | | | | 4590 | | | | | | | | | | | | | | | | | |
| C63200 | | B-124 | B-150 | B-171 | B-283 | | | | | | | | C-465 | | B-24059 | | | | CA104 | CW307G | | | | | | | | |
| C63400 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C63600 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C64200 | | B-124 | B-150 | B283 | B-249 | B-411 | J461 | J463 | | 4631 | 4634 | | C-465 | B-411 | | | | | | | | | | | SB150 | | | |
| C64210 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C64700 | | B-411 | | | | | J461 | J463 | | | | | | | | | | | | CW111C | | | | | | | | |
| C65100 | | B-98 | | | | | | | | | | | | | | | | | | | | | | SB98 | SB98 | | | |
| C65500 | | B-96 | B-98 | B-100 | B-124 | | J461 | J463 | | 4615 | 4665 | | | | T-8231 | | | | CS101 | CW116C | | | | SB98 | SB98 | | | |
| C65600 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C65610 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C65620 | | | | | | | | | | 4616F | | | | | | | | | | | | | | | | | | |
| C66100 | | B-98 | | | | | | | | | | | | | | | | | | | | | | SB98 | SB98 | | | |
| C67000 | | B-138 | | | | | J461 | J463 | | | | | B-278 | | | | | | | | | | | | | | | |
| C67300 | | | | | | | J461 | J463 | | | | | | | | | | | | | | | | | | | | |
| C67310 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C67400 | | | | | | | J461 | J463 | | | | | B-728-A | | | | | | | | | | | | | | | |
| C67410 | | | | | | | | J463 | | | | | | | | | | | | | | | | | | | | |
| C67420 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C67500 | | B-124 | B-138 | B-283 | | | J461 | J463 | | | | | B-728 | | | | | | CZ114 | | | | | | | | | |
| C67600 | | B-138 | | | | | | | | | | | B-728 | | | | | | | | | | | | | | | |
| C68700 | | B-111 | B-359 | B-543 | | | | | | | | | | | | | | | | CW702 | | | | | SB111 | SB359 | SB543 | |
| C69400 | | B-371 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C69430 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C70600 | | B-151 | B-122 | | | | | | | | | | | | C15726F | | | | CN102 | CW352H | | | | | | | | |
| C71000 | | B-122 | | | | | J461 | J463 | | | | | | | | | | | | | | | | | | | | |
| C71500 | | B-151 | B-122 | | | | | | | | | | | | | | | | CN107 | CW654H | | | | | | | | |
| C75200 | | B-151 | B-122 | | | | J461 | J463 | | | | | | | | | | | | | | | | | | | | |
| C79200 | | B-151 | | | | | | | | | | | | | | | | | | CW404J | | | | | | | | |
| C79300 | | | | | | | | | | | | | | | | | | | | CW406J | 2.078 | | | | | | | |
| C83600 | | B-62 | B-271 | B-505 | B-584 | B-145/4A | J461 | 40 | | 4855 | 4855B | | C-390-B-836 | C-390-B5 | B1153-2 | C-15345-1 | H5111 | H2203 | LG2 | CC491K | 2.1096.01 | | | | | | | |
| C84400 | | B-271 | B-505 | B-584 | B-763 | | | | | | | | C-390-B-844 | C-390-B2 | B-11553-11 | B-18343 | H5111 | H2203 | LG1 | | | B16.15 | B16.18 | B16.23 | B16.24 | B16.26 | B16.32 | |
| C86200 | | B-271 | B-147 | B-505 | B-584 | | J462 | 430A | | 4860 | | | C-390 | | C-22229 | | | | | | | | | | | | | |
| C86300 | | B-22 | B-271 | B-505 | B584 | B-763 | J461 | J462 | 430B | 4862B | | | C-390-B-863 | C-390-C7 | C-22229-9 | C-15345 | | | | | | | | | | | | |
| C86400 | | B-271 | B-505 | B-584 | B-763 | | 4862B | | | | | | C-390-C2 | C-523 | | | | | HTB1 | CC7655 | | | | | | | | |
| C86500 | | B-271 | B-505 | B-584 | B-763 | | J461 | J462 | 43 | 4860A | 4619 | | C-390-B-865 | C-390-C3 | C-22229-7 | C-15345-4 | H2205 | | | | | | | | | | | |
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| C90300 | | B-271 | B-505 | B-584 | B-763 | | J461 | J462 | 620 | | | | C-390-B-903 | C-390-D5 | B-11553-5 | C-15345-8 | H5111 | H2203 | | | | | | | | | | |
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| C90700 | | B-30 | B-427 | B-505 | | | J461 | J462 | 65 | | | | C-390-B-907 | | | | | | PB1/PB2 | CC480 | 2.1052.03 | | | | | | | |
| C90900 | | | | | | | | | | | | | | | | | | | PB2 | | | | | | | | | |
| C91000 | | B-505 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C91100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C91700 | | B-427 | | | | | | | | | | | | | | | | | | | 2.1060.03 | | | | | | | |
| C92200 | | B-61 | B-271 | B-505 | B-584 | | J461 | J462 | 622 | | | | C-390-B-922 | C-390-D4 | C-15345-9 | B-11553-1 | | | LG3 | | | | | | | | | |
| C92300 | | B-427 | | | | | | | 621 | | | | | | | | | | | | | | | | | | | |
| C92500 | | B-505 | | | | | J461 | J462 | 640 | | | | | | | | | | | | | | | | | | | |
| C92600 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C92700 | | B-505 | | | | | J461 | J462 | 63 | | | | | | | | | | PB4-C | CC480K | | | | | | | | |
| C92800 | | B-505 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C92900 | | B-427 | B-505 | | | | J461 | J462 | | | | | | | | | | | | | | | | | | | | |
| C93200 | | B-66 | B-271 | B-505 | B-584 | | J461 | J462 | 660 | | | | C-390-B-932 | C-390-E7 | | | | | | | 2.1090.03 | | | | | | | |
| C93400 | | B-505 | | | | | | | | | | | | | | | | | LG4-C | CC492K | | | | | | | | |
| C93600 | | B-22 | B-271 | B-505 | | | | | | | | | | | | | | | | | | | | | | | | |
| C93700 | | B-22 | B-271 | B-505 | B-584 | B-144/3A | J461 | J462 | 64 | 4842 | | | C-390-B-937 | C-390-E10 | C-15345 | B-11553-12 | H5115 | H2207 | LB3 | CC495K | 2.1176.03 | | | | | | | |
| C93800 | | B-271 | B-505 | B-144 | | | J461 | J462 | 67 | | | | | | | | H2207 | | LB1-C | CC496K | 2.1182.03 | | | | | | | |
| C94100 | | B-67 | B-505 | | | | 94 | | | | | | C-390-ES | | B-16261-X | | | | LB5-C | CC497K | 2.1188.03 | | | | | | | |
| C94300 | | B-271 | B-505 | | | | J461 | J462 | | | | | | | | | H2207 | | | CC497 | | | | | | | | |
| C94500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C94700 | | B-505 | | | | | J461 | J462 | | | | | | | | | | | | | | | | | | | | |
| C94800 | | B-505 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C95200 '9A' | | B-148 | B-271 | B-502 | | | J462 | 68A | | | | | C-390 | | C-22229 | B-16833CLI | | | | | | | | | SB-184 | SB-271 | | |
| C95300 '9B' | | B-148 | B-271 | B-503 | | | J462 | 68B | | | | | C-390 | | | | | | | | | | | | | | | |
| C95400 '9C' | | B-148 | B-271 | B-504 | B-763 | | J461 | J462 | 68A | 4870 | 4871 | 4635 | C-390-B-954 | C-390-G5 | C-15345-13 | B-16033-3 | H5114 | | AB1-C | CC331G | | | | | SB-271 | SB-148 | | |
| C95500 '9D' | | B-148 | B-271 | B-505 | B-763 | | J461 | J462 | 68B | | | | C-390-B-955 | C-390-G3 | C-15345-14 | B-16033-4 | H5114 | | AB2-C | CC333G | 2.0975.03 | | | | SB-148HT | | | |
| C95510 | | | | | | | | | 4880 | | | | | | | | | | | | | | | | | | | |
| C95520 | | B-148 | B-271 | B-505 | B-763 | | | | 4881 | | | | | | | | | | | | | | | | | | | |
| C95700 | | B-148 | | | | | | | | | | | | | B-21230 | | | | | | | | | | | | | |
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| C95900 | | B-148 | B-271 | B-505 | | | | | | | | | | | | | | | | | | | | | | | | |
| C96200 | | B-369 | | | | | | | | | | | | | B-20159 | C-15345 | | | | | | | | | | | | |
| C96400 | | B-369 | B-505 | | | | | | | | | | C-390 | | C-20159 | C-15345 | | | | | | | | | | | | |
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| C97600 | | B-271 | B-505 | | | | J461 | J462 | | | | | | | | | | | | | | | | | | | | |
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| C99300 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C99500** | | B-505 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UZ19AL6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SAE841 | | B-439 | | | | | 841 | | | | | | | | | | | | | | | | | | | | | |