

BRAMMER STANDARD

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CARBON STEEL

Part Number: BS CS-10 Set of 10 ~7mm Thick Discs

| | Grade | Number | C | Mn | P | S | Si | Cu | Ni | Cr | Mo | Al | As | Co | N | Sn | V |
|----|------------|---------|--------|-------|--------|--------|-------|--------|-------|-------|--------|---------|---------|--------|--------|----------|----------|
| 1 | 1345 | BS XCCV | 0.44 | 1.75 | 0.012 | 0.024 | 0.28 | 0.015 | 0.019 | 0.041 | 0.007 | 0.033 | 0.0023 | 0.006 | 0.0056 | (0.0004) | (<0.003) |
| 2 | 1018 | BS 2931 | 0.202 | 0.75 | 0.012 | 0.025 | 0.23 | 0.23 | 0.106 | 0.154 | 0.019 | 0.002 | 0.007 | 0.009 | 0.0119 | 0.010 | 0.002 |
| 3 | 1020 | BS 57F | 0.196 | 0.554 | 0.009 | 0.027 | 0.202 | 0.197 | 0.070 | 0.120 | 0.018 | (0.002) | (0.006) | 0.007 | 0.0077 | 0.008 | 0.063 |
| 4 | 1026 | BS 4932 | 0.234 | 0.76 | 0.010 | 0.015 | 0.25 | 0.15 | 0.080 | 0.144 | 0.033 | (0.001) | (0.005) | 0.005 | 0.0080 | 0.008 | 0.060 |
| 5 | 1035 | BS 4931 | 0.352 | 0.80 | 0.011 | 0.016 | 0.27 | 0.217 | 0.070 | 0.093 | 0.024 | (0.001) | 0.005 | 0.006 | 0.0080 | 0.009 | 0.058 |
| 6 | 1040 | BS 3941 | 0.407 | 0.802 | 0.016 | 0.023 | 0.257 | 0.053 | 0.018 | 0.069 | 0.0061 | 0.0019 | 0.0036 | 0.0042 | 0.0069 | 0.0019 | 0.0025 |
| 7 | 1045 | BS 56E | 0.483 | 0.72 | 0.010 | 0.025 | 0.24 | 0.015 | 0.015 | 0.021 | 0.005 | 0.062 | 0.0035 | 0.005 | 0.0056 | (0.0006) | (<0.002) |
| 8 | 1095 | BS 64C | 0.920 | 0.22 | 0.015 | 0.0024 | 0.22 | 0.016 | 0.038 | 0.261 | 0.008 | (0.005) | ---- | 0.004 | 0.0084 | (0.001) | 0.005 |
| 9 | 1522 (LF2) | BS 2932 | 0.208 | 1.20 | 0.008 | 0.020 | 0.186 | 0.060 | 0.034 | 0.077 | 0.026 | 0.022 | (0.003) | 0.004 | 0.0080 | 0.005 | 0.001 |
| 10 | Pure Iron | BS 50F | 0.0064 | 0.082 | 0.0066 | 0.0031 | 0.016 | 0.0088 | 0.016 | 0.022 | 0.0017 | 0.003 | 0.0013 | 0.0023 | 0.0042 | 0.0010 | (0.0003) |

Certificates of Analysis are supplied for each certified reference material listed in the set.