



CENLA BOLTS & SUPPLY

USA/CA:

Europe:

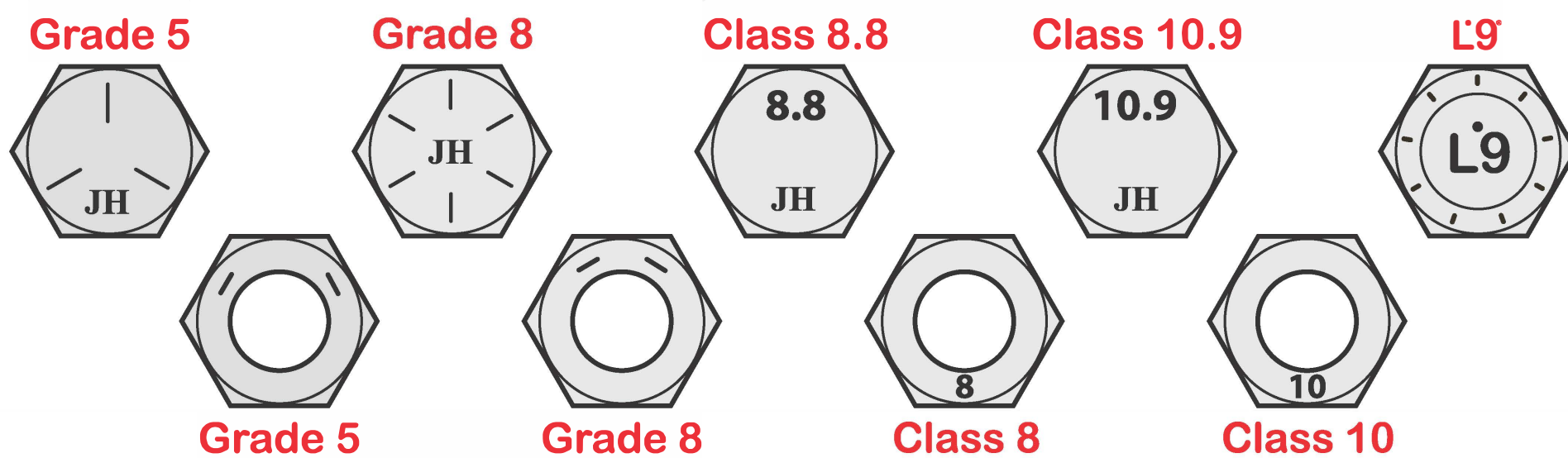
AU:

NZ:

Brazil:

Imperial vs Metric

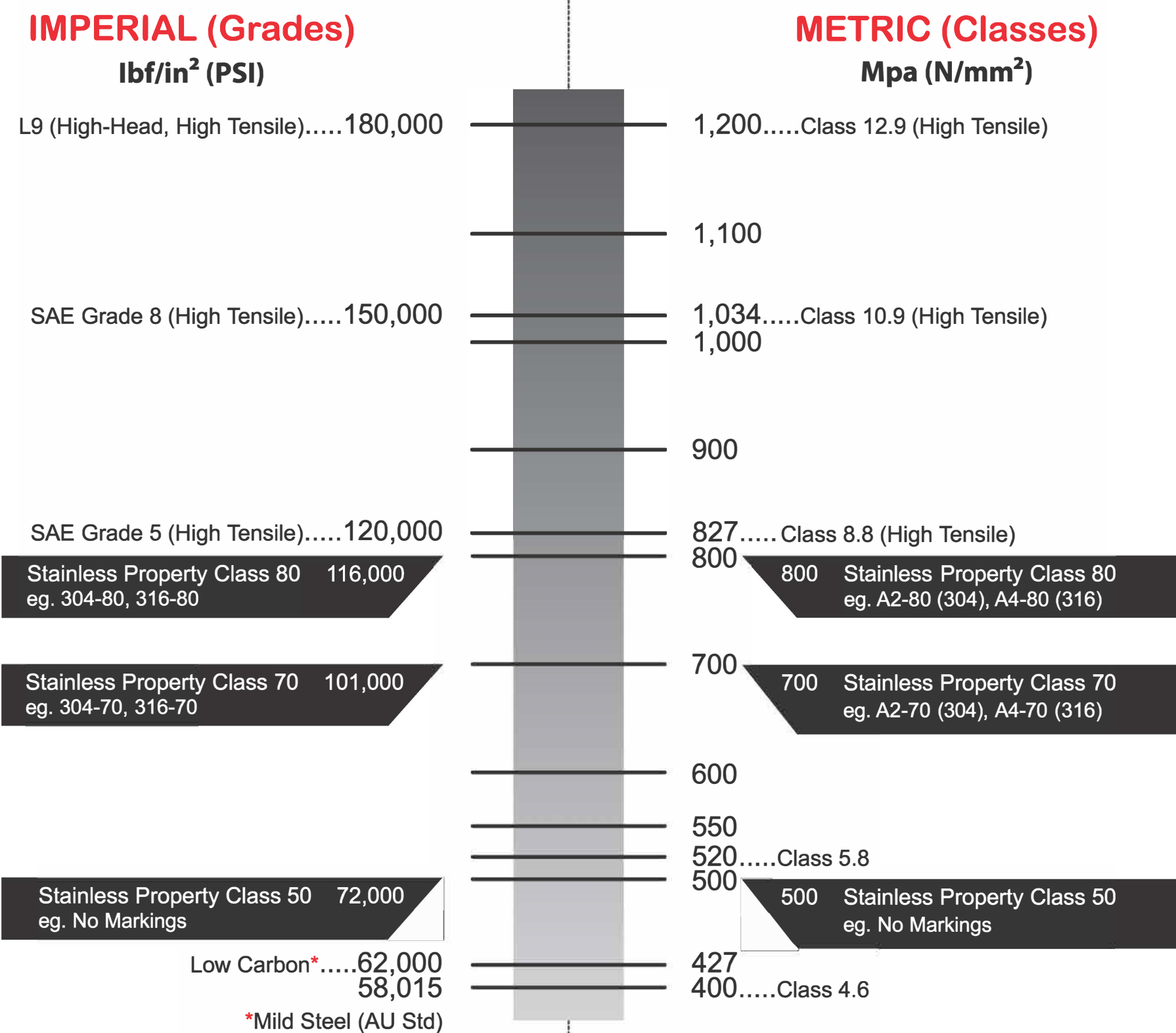
MATERIALS, MECHANICAL PROPERTIES AND MARKINGS



COARSE & FINE

| INCH | |
|----------|-----------|
| COARSE | FINE |
| 1/4-20 | 1/4-28 |
| 5/16-18 | 5/16-24 |
| 3/8-16 | 3/8-24 |
| 7/16-14 | 7/16-20 |
| 1/2-13 | 1/2-20 |
| 9/16-12 | 9/16-18 |
| 5/8-11 | 5/8-18 |
| 3/4-10 | 3/4-16 |
| 7/8-9 | 7/8-14 |
| 1-8 | 1-14 |
| 1 1/8-7 | 1 1/8-12 |
| 1 1/4-7 | 1 1/4-12 |
| 1 3/8-6 | 1 3/8-12 |
| 1 1/2-6 | 1 1/2-12 |
| METRIC | |
| COARSE | FINE |
| M6-1.00 | M6-0.75 |
| M8-1.25 | M8-1.00 |
| M10-1.50 | M10-1.25 |
| M12-1.75 | M12-1.50* |
| M14-2.00 | M14-1.50 |
| M16-2.00 | M16-1.50 |
| M20-2.50 | M20-1.50 |
| M22-2.50 | M22-1.50 |
| M24-3.00 | M24-2.00 |
| M27-3.00 | M27-2.00 |
| M30-3.50 | M30-2.00 |
| M36-4.00 | M36-2.00 |
| M42-4.50 | M42-2.00 |
| M48-5.00 | M48-2.00 |

TENSILE STRENGTH COMPARISON



ACCURATE CONVERSION FACTORS

• 1000 PSI (lbf/in²) = 6.8948 Mpa • 1 Mpa = 145,038 PSI (lbf/in²)

*M12-1.25 (AU Std)

INCH & METRIC

| INCH | 1/4 | 5/16 | 3/8 | 1/2 | 5/8 | 3/4 | 7/8 | 1 | 1 1/8 | 1 1/4 | 1 3/8 | 1 1/2 | 1 3/4 | 2 |
|--------|-----|------|-----|-----|-----|-----|-----|-----|-------|-------|-------|-------|-------|-----|
| METRIC | M6 | M8 | M10 | M12 | M16 | M20 | M22 | M24 | M27 | M30 | M33 | M36 | M42 | M48 |

DISCLAIMER: INFORMATION PROVIDED IS FOR GENERAL REFERENCE ONLY