

Table of Contents

Introduction to the Unified Numbering Systemvii

Index to UNS designations by base elementsix

Listing of UNS numbers assigned to date with description of each material covered and references to documents in which the same or similar materials are described

| | | |
|--------|---|-----|
| Axxxxx | Aluminum and Aluminum Alloys | 1 |
| Cxxxxx | Copper and Copper Alloys | 55 |
| Dxxxxx | Specified Mechanical Properties Steels | 101 |
| Exxxxx | Rare Earth and Similar Metals and Alloys | 105 |
| Fxxxxx | Cast Irons..... | 109 |
| Gxxxxx | AISI and SAE Carbon and Alloy Steels | 117 |
| Hxxxxx | AISI and SAE H-Steels | 137 |
| Jxxxxx | Cast Steels (Except Tool Steels)..... | 145 |
| Kxxxxx | Miscellaneous Steels and Ferrous Alloys..... | 161 |
| Lxxxxx | Low Melting Metals and Alloys | 197 |
| Mxxxxx | Miscellaneous Nonferrous Metals and Alloys..... | 215 |
| Nxxxxx | Nickel and Nickel Alloys..... | 225 |
| Pxxxxx | Precious Metals and Alloys | 247 |
| Rxxxxx | Reactive and Refractory Metals and Alloys..... | 255 |
| Sxxxxx | Heat and Corrosion Resistant Steels (Including Stainless), Valve Steels, and Iron-Base "Superalloys" | 269 |
| Txxxxx | Tool Steels, Wrought and Cast..... | 303 |
| Wxxxxx | Welding Filler Metals | 311 |
| Zxxxxx | Zinc and Zinc Alloys..... | 349 |

Cross index of commonly known documents which describe materials same as or similar to those covered by UNS numbers

| | | |
|---------|--|-----|
| AA | (Aluminum Association) Numbers | 357 |
| ACI | (Steel Founders Society of America) Numbers | 363 |
| AISI | (American Iron and Steel Institute) including SAE (Society Automotive Engineers) Numbers (Carbon and Low Alloy Steels)..... | 367 |
| AMS | (SAE/Aerospace Materials Specification) Numbers | 373 |
| ASME | (American Society of Mechanical Engineers) Numbers | 383 |
| ASTM | (American Society for Testing and Materials) Numbers | 393 |
| AWS | (American Welding Society) Numbers..... | 431 |
| Federal | Specification Numbers..... | 439 |
| MIL | (Military Specification) Numbers | 443 |
| SAE | (Society of Automotive Engineers) "J" Numbers | 447 |

Index of Common Trade Names455

Appendix

| | |
|--|-----|
| Reprint of "Recommended Practice for Numbering Metals and Alloys" (ASTM E 527 and SAE J1086 JUL95)..... | 509 |
|--|-----|