

Chrome Moly Material Grade Composition Chart

| Name | ASTM# | Grade | UNS#   | Nominal Composition                                                                |
|------|-------|-------|--------|------------------------------------------------------------------------------------|
| F5   | A182  | F5    | K41545 | C-.15max Mn-.30-.60 Cr-4.0-6.0 Mo-.44-.65                                          |
| F5a  | A182  | F5a   | K42544 | C-.25max Mn-.60 Cr-4.0-6.0 Mo-.44-.65                                              |
| F9   | A182  | F9    | K90941 | C-.15max Mn-.30-.60 Cr-8.0-10.0 Mo-.90-1.10                                        |
| F11  | A182  | F11   | K11572 | C-.10-.20 Mn-.30-.80 Cr-1.0-1.5 Mo-.44-.65                                         |
| F22  | A182  | F22   | K21590 | C-.05-.15 Mn-.30-.60 Cr-2.0-2.5 Mo-.87-1.13                                        |
| F91  | A182  | F91   | K91560 | C-.08-.12 Mn-.30-.60 Cr-8-9.5 Mo-.85-1.05 Cb-.06-.10 N-.03-.07 Al-.04max V-.18-.25 |