

Standard Carbon and Carbon Boron H Steels

Chemical Composition Ranges and Limits

| SAE No. | C | Mn | P Max | S Max | Si | SAE No. | C | Mn | P Max | S Max | Si |
|--------------|---------|-----------|-------|-------|---------|----------------|---------|-----------|-------|-------|---------|
| 1038H | .34/.43 | .50/1.00 | 0.04 | 0.05 | .15/.35 | 15B21H* | .17/.24 | .70/1.20 | 0.04 | 0.05 | .15/.35 |
| 1045H | .42/.51 | .50/1.00 | 0.04 | 0.05 | .15/.35 | 15B35H* | .31/.39 | .70/1.20 | 0.04 | 0.05 | .15/.35 |
| 1522H | .17/.25 | 1.00/1.50 | 0.04 | 0.05 | .15/.35 | 15B37H* | .30/.39 | 1.00/1.50 | 0.04 | 0.05 | .15/.35 |
| 1524H | .18/.26 | 1.25/1.75 | 0.04 | 0.05 | .15/.35 | 15B41H* | .35/.45 | 1.25/1.75 | 0.04 | 0.05 | .15/.35 |
| 1526H | .21/.30 | 1.00/1.50 | 0.04 | 0.05 | .15/.35 | 15B48H* | .43/.53 | 1.00/1.50 | 0.04 | 0.05 | .15/.35 |
| 1541H | .35/.45 | 1.25/1.75 | 0.04 | 0.05 | .15/.35 | 15B62H* | .54/.67 | 1.00/1.50 | 0.04 | 0.05 | .40/.60 |

NOTE: For electric furnace steels P & S = .025 max and the prefix "E" is added.

* Boron content is .0005 to .003.