

| Base Metal | | Bare Wire | | | Electrodes | | |
|----------------|---------------|-------------|--------|---------------|------------|--------|---------------|
| Alloy | UNS | AWS 5.14 | UNS | Welding Alloy | AWS 5.11 | UNS | Welding Alloy |
| Nickel 200/201 | N02200/N02201 | ERNi-1 | N02061 | 61 | ENi-1 | W82141 | 141 |
| Alloy 400 | N04400 | ERNiCu-7 | N04060 | 60 | ENiCu-7 | W84190 | 190 |
| Alloy 600 | N06600 | ERNiCr-3 | N06082 | 82 | ENiCrFe-3 | W86182 | 182 |
| Alloy 22 | N06022 | ERNiCrMo-10 | N06022 | 622 | ENiCrMo-10 | W86022 | 122 |
| Alloy 625 | N06625 | ERNiCrMo-3 | N06625 | 625 | ENiCrMo-3 | W86112 | 112 |
| Alloy C276 | N10276 | ERNiCrMo-4 | N10276 | C276 | ENiCrMo-4 | W80276 | C276 |
| Alloy B-2 | N10665 | ERNiMo-7 | N10665 | B2 | ENiMo-7 | W80665 | B2 |
| Alloy B-3® | N10675 | ERNiMo-10 | N10675 | B3 | ENiMo-10 | W80675 | B3 |
| Alloy 800H/HT® | N08810/N08811 | ERNiCr-3 | N06082 | 82 | ENiCrFe-3 | W86182 | 182 |
| Alloy 825 | N08825 | ERNiCrMo-3 | N06625 | 625 | ENiCrMo-3 | W86112 | 112 |
| | | ERNiFeCr-1 | N08065 | 825 | | | |

| Welding | | |
|--|-----------------------|-------------------------|
| P-NUMBER - Welding alloy family grouping designation assigned by ASME Code to reduce the number of welding procedures. | | |
| P-NUMBER | ALLOYS COVERED | EXAMPLES |
| 8 | Austenitic SS | 316, 304 |
| 10H | Duplex/Super Duplex | 507, 2205, F255 |
| 41 | High Nickel Content | 200/201 |
| 42 | Ni-Cu | 400, 405 |
| 43 | Ni-Cr | 22, C-276, 625, 600, 59 |
| 44 | Ni-Mo | B-2, B-3® |
| 45 | Ni-Cr-Si | 20, 825, 800 H/HT® |
| 51, 52, 53 | High Titanium Content | Ti Gr 2, Ti Gr 5 |

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|------------|--------|-----------|--------|---------------|------------|--------|---------------|
| Alloy | UNS | AWS 5.14 | UNS | Welding Alloy | AWS 5.11 | UNS | Welding Alloy |
| Alloy 20 | N08020 | ER320LR | N08022 | 320LR | E320LR-16 | W88022 | 320LR-16 |
| Alloy F255 | S32550 | ER2553 | S32550 | 2553 | E2553-16 | S32550 | 2553-16 |

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|------------|--------|-----------|--------|---------------|------------|--------|---------------|
| Alloy | UNS | AWS 5.14 | UNS | Welding Alloy | AWS 5.11 | UNS | Welding Alloy |
| Alloy 6B | R30016 | ERCoCr-A | R30006 | 6 | ECoCr-A | W73006 | 6 |