

一般合金鋼 COMMON ALLOYS

No.1

| 名称             | Ni              | Cr    | Co   | Mo   | W    | C    | Ti   | Al   | Cu   | Fe   | Other                    |
|----------------|-----------------|-------|------|------|------|------|------|------|------|------|--------------------------|
| A286           | 25.5            | 14.75 |      | 1.25 |      | 0.08 | 1.90 | 0.35 |      | BAL  | V 0.25                   |
| Alloy42        | See Carpenter42 |       |      |      |      |      |      |      |      |      |                          |
| Alnico1        | 20.0            |       | 5.0  |      |      |      |      | 12.0 |      | 68.0 |                          |
| Alnico2        | 17.0            |       | 12.5 |      |      |      |      | 10.0 | 6.00 | 54.0 |                          |
| Alnico4        | 28.0            |       | 5.0  |      |      |      |      | 12.0 |      | 55.0 |                          |
| Alnico5        | 14.0            |       | 24.0 |      |      |      |      | 8.0  | 3.00 | 50.0 |                          |
| Alumcl         | 95.0            |       |      |      |      |      |      | 1.0  |      |      | Mn3.00<br>Si1.00         |
| Astroloy       | 57.0            | 15.0  | 15.0 | 5.0  |      | 0.06 | 3.50 | 4.30 |      | 0.20 |                          |
| B1900          | 63.0            | 8.0   | 10.0 | 6.0  |      | 0.10 | 1.00 | 6.00 |      | 0.35 | Ta4.25                   |
| B1910          | 62.5            | 10.0  | 10.0 | 3.25 |      | 0.09 | 1.00 | 6.00 |      |      | Ta7.0<br>B0.01<br>Zr0.10 |
| C130           | 61.0            | 23.0  | 1.0  | 10.0 |      | 0.10 | 2.5  | 0.5  |      |      |                          |
| C242           | 57.0            | 21.5  | 10.0 | 10.5 |      | 0.30 | 0.5  | 0.2  |      | 0.75 |                          |
| C263           | 51.5            | 20.0  | 20.0 | 5.9  |      |      | 2.2  | 0.5  |      | 0.75 |                          |
| Carpenter10    | 18.0            | 16.0  |      |      |      | 0.08 |      |      |      | BAL  |                          |
| Carpenter20    | 27.0            | 20.0  |      | 2.5  |      |      |      |      | 3.50 | 45.0 |                          |
| Carpenter42    | 41.5            |       |      |      |      | 0.10 |      |      |      | BAL  |                          |
| Carpenter49    | 48.5            |       |      |      |      |      |      |      |      | 51.0 |                          |
| ChromelA       | 80.0            | 20.0  |      |      |      |      |      |      |      |      |                          |
| ChromelAA      | 70.0            | 20.0  |      |      |      |      |      |      |      | 10.0 |                          |
| ChromelC       | 59.0            | 16.0  |      |      |      |      |      |      |      | 23.0 | Si1.3                    |
| ChromelD       | 36.0            | 18.5  |      |      |      |      |      |      |      | 44.0 | Si1.5                    |
| CuproNickel10% | 10.0            |       |      |      |      |      |      |      | 88.6 | 1.00 | Mn0.4                    |
| CuproNickel20% | 20.0            |       |      |      |      |      |      |      | 78.8 | 0.60 | Mn0.6                    |
| CuproNickel30% | 30.0            |       |      |      |      |      |      |      | 68.9 | 0.50 | Mn0.6                    |
| D979           | 45.0            | 15.0  |      | 3.70 | 3.70 |      | 3.00 | 1.00 |      | 27.0 |                          |
| Densalloy      | 6.0             |       |      |      | 90.0 |      |      |      | 4.00 |      |                          |
| Discaloy       | 26.0            | 13.5  |      | 2.75 |      | 0.08 | 1.60 | 0.35 |      | BAL  |                          |
| Durenickel     | 94.0            |       |      |      |      | 0.15 | 0.50 | 4.50 | 0.05 | 0.15 | Mn0.25<br>Si0.55         |
| Elgiloy        | 15.0            | 20.0  | 40.0 | 7.00 |      | 0.15 |      |      |      | BAL  | Mn2.0<br>Be0.04          |
| GMR-235        | 63.0            | 15.5  |      | 5.25 |      | 0.10 | 2.00 | 3.00 |      | 10.0 | B0.04                    |
| GeekAscoloy    | 2.0             | 13.5  |      |      | 3.00 | 0.15 |      |      |      | BAL  |                          |

一般合金鋼 COMMON ALLOYS

No.2

| 名称            | Ni   | Cr   | Co     | Mo   | W    | C       | Ti   | Al   | Cu   | Fe   | Other              |
|---------------|------|------|--------|------|------|---------|------|------|------|------|--------------------|
| HastelloyA    | 59.0 | —    | —      | 20.0 | —    | 0.10    | —    | —    | —    | 20.0 |                    |
| HastelloyB    | 64.0 | —    | —      | 28.0 | —    | 0.10    | —    | —    | —    | 6.00 |                    |
| HastelloyC    | 57.0 | 16.0 | —      | 17.0 | 4.5  | 0.15    | —    | —    | —    | 5.55 |                    |
| HastelloyC276 | 56.0 | 15.5 | 2.5Max | 16.0 | 3.5  | 0.02Max | —    | —    | —    | 5.5  | 1.0MNMax           |
| HastelloyD    | 85.0 | —    | —      | —    | —    | 0.10    | —    | —    | 4.00 | 1.00 | Si10.0             |
| HastelloyF    | 47.0 | 22.0 | 2.50   | 6.50 | 1.0  | —       | —    | —    | —    | —    | Cb2.0              |
| HastelloyG    | 45.0 | 22.0 | 2.50   | 6.50 | 1.0  | 0.05    | —    | —    | 2.50 | —    | Mn2.0<br>Cb+Ta2.50 |
| HastelloyN    | 71.0 | 7.0  | —      | 16.5 | —    | 0.06    | —    | 0.50 | —    | 5.0  |                    |
| HastelloyR    | 65.0 | 15.5 | 1.50   | 5.0  | —    | 0.10    | 2.50 | 2.25 | —    | 7.0  |                    |
| HastelloyW    | 60.0 | 5.0  | 2.50   | 25.0 | —    | 0.12    | —    | —    | —    | 5.5  | V0.60              |
| HastelloyX    | 45.0 | 22.0 | 1.50   | 9.0  | 0.60 | 0.10    | —    | —    | —    | BAL  |                    |
| HS-1          | —    | 30.0 | 55.0   | —    | 12.0 | 2.50    | —    | —    | —    | —    |                    |
| HS-3          | —    | 31.0 | 50.0   | —    | 12.5 | 2.40    | —    | —    | —    | 3.0  |                    |
| HS-4          | 3.0  | 30.0 | 51.0   | —    | 14.0 | —       | —    | —    | —    | 3.0  |                    |
| HS-6          | 3.0  | 30.0 | 56.0   | 1.5  | 5.0  | —       | —    | —    | —    | 3.0  |                    |
| HS-12         | 3.0  | 31.0 | 56.0   | —    | 8.0  | —       | —    | —    | —    | 2.0  |                    |
| HS-19         | 3.0  | 31.0 | 53.0   | —    | 10.0 | —       | —    | —    | —    | 3.0  |                    |
| HS-21         | 2.5  | 27.0 | 62.0   | 5.5  | —    | —       | —    | —    | —    | 2.0  |                    |
| HS-23         | 1.5  | 26.0 | 66.0   | —    | 5.0  | 0.40    | —    | —    | —    | 2.0  |                    |
| HS-25(L605)   | 10.0 | 20.0 | 50.0   | 1.0  | 15.0 | —       | —    | —    | —    | 3.0  |                    |
| HS-27         | 35.0 | 26.0 | 30.0   | 6.0  | —    | —       | —    | —    | —    | 2.0  |                    |
| HS-30         | 15.0 | 26.0 | 51.0   | 6.0  | —    | —       | —    | —    | —    | 2.0  |                    |
| HS-31         | 10.5 | 26.0 | 55.0   | —    | 7.5  | —       | —    | —    | —    | 2.0  |                    |
| HS-151        | 1.0  | 20.0 | 65.0   | —    | 13.0 | 0.50    | —    | —    | —    | 2.0  |                    |
| HS-188        | 22.0 | 22.0 | 36.0   | —    | 14.0 | 0.10    | —    | —    | —    | 3.0  |                    |
| HSSterJ       | 2.5  | 35.0 | 40.0   | —    | 20.0 | 2.4     | —    | —    | —    | 3.0  | B0.2               |
| Hypernick     | 50.0 | —    | —      | —    | —    | —       | —    | —    | —    | 50.0 |                    |
| HyMu80        | 80.0 | —    | —      | 4.0  | —    | —       | —    | —    | —    | 16.0 |                    |
| HliumD        | —    | 27.0 | 65.0   | 4.5  | 1.0  | 0.20    | —    | —    | —    | 1.0  |                    |
| HliumG        | 57.0 | 22.5 | —      | 6.4  | —    | —       | —    | —    | 6.5  | 6.5  |                    |
| HliumR        | 64.0 | 22.0 | —      | 5.0  | —    | —       | —    | —    | 2.5  | 6.0  |                    |
| HliumX        | 1.0  | 28.5 | 52.0   | —    | 15.0 | 0.85    | —    | —    | —    | 2.0  | MN0.25<br>Si0.40   |
| IN108         | 60.0 | 10.0 | 15.0   | 3.0  | —    | —       | 5.00 | 5.50 | —    | —    | V1.0               |
| IN102         | 68.0 | 15.0 | 3.0    | 3.0  | 3.0  | 0.60    | 0.50 | 0.50 | —    | 7.0  | Cb3.0              |

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No.3

| 名称           | Ni        | Cr   | Co   | Mo   | W    | C    | Ti   | Al   | Cu   | Fe   | Other                            |
|--------------|-----------|------|------|------|------|------|------|------|------|------|----------------------------------|
| Incoloy800   | 32.0      | 20.5 |      |      |      | 0.10 | 0.40 | 0.40 |      | 46.0 |                                  |
| Incoloy801   | 32.0      | 20.5 |      |      |      |      | 1.10 |      |      | 45.0 |                                  |
| Incoloy802   | 32.5      | 21.0 |      |      |      | 0.35 | 0.75 | 0.60 |      | 45.0 |                                  |
| Incoloy825   | 42.0      | 21.5 |      | 3.0  |      | 0.50 | 1.00 | 0.20 | 2.0  | BAL  |                                  |
| Incoloy901   | 42.5      | 12.5 |      | 6.0  |      | 0.50 | 2.70 | 0.35 | 0.1  | 34.0 |                                  |
| Inconel600   | 75.5      | 15.5 |      |      |      | 0.04 |      |      | 0.1  | 8.0  |                                  |
| Inconel601   | 60.5      | 23.0 |      |      |      | 0.50 |      | 1.35 | 0.5  | 14.0 |                                  |
| Inconel625   | 61.0      | 20.5 |      | 9.0  |      | 0.05 |      |      |      | 2.5  | Cb4.02                           |
| Inconel700   | 46.0      | 15.0 | 28.5 |      |      |      | 3.75 | 2.20 | 3.0  | 0.5  |                                  |
| Inconel702   | 79.5      | 16.0 |      |      |      | 0.05 | 0.50 | 3.50 | 0.25 | 1.0  |                                  |
| Inconel713   | 71.0      | 13.4 | 1.00 | 4.5  |      | 0.12 | 1.00 | 6.20 |      | 2.5  |                                  |
| Inconel713LC | 72.0      | 13.0 |      | 4.5  |      | 0.20 | 0.60 | 6.00 |      | 1.0  | Cb2.25                           |
| Inconel718   | 52.5      | 19.0 |      | 3.05 |      | 0.40 | 0.90 | 0.50 | 0.15 | 18.5 | Cb + Ta5.13                      |
| Inconel721   | 71.0      | 16.0 |      |      |      | 0.40 | 3.50 |      | 0.10 | 7.0  | Mn2.25                           |
| Inconel722   | 75.0      | 15.5 |      |      |      | 0.40 | 2.40 | 0.70 | 0.05 | 7.0  |                                  |
| Inconel738   | 61.0      | 16.0 | 8.50 | 1.7  | 2.6  | 0.17 | 3.40 | 3.40 |      |      | Cb1.9<br>Ta1.7                   |
| Inconel750   | 73.0      | 15.5 |      |      |      | 0.04 | 2.50 | 0.70 | 0.50 | 7.0  | Cb + Ta0.95                      |
| Inconel751   | 72.5      | 15.5 |      |      |      | 0.05 | 2.50 | 1.20 | 0.50 | 7.0  | Cb + Ta1.0                       |
| Inconel901   | 42.5      | 12.5 | 1.0  | 6.0  |      | 0.05 | 2.70 | 0.35 | 0.1  | 34.0 |                                  |
| Inver        | 36.0      |      |      |      |      | 0.18 |      |      |      | BAL  |                                  |
| Jetalloy570  | 29.0      | 20.0 | 37.5 |      | 7.0  | 0.20 | 4.2  |      |      |      |                                  |
| Kover        | 29.0      |      | 17.0 |      |      |      |      |      |      | 53.8 | Mn0.20                           |
| L605         | See HS-25 |      |      |      |      |      |      |      |      |      |                                  |
| M252         | 53.5      | 19.0 | 10.0 | 9.5  |      | 0.15 | 2.5  | 1.0  |      | 5.0  |                                  |
| Mallory1000  | 6.0       |      |      |      | 90.0 |      |      |      | 4.0  |      |                                  |
| Maraging250  | 18.0      |      | 7.5  | 4.7  |      | 0.03 | 0.4  | 0.1  |      | BAL  |                                  |
| Maraging300  | 18.5      |      | 8.75 | 4.8  |      | 0.03 | 0.6  | 0.1  |      | BAL  |                                  |
| MAR-M200     | 60.0      | 9.0  | 10.0 |      | 12.5 | 0.15 | 2.0  | 5.0  |      | 0.3  |                                  |
| MAR-M302     |           | 21.5 | 57.0 |      | 10.0 | 0.85 |      |      |      | 0.8  | Ta9.0<br>Si0.3<br>Mn0.1<br>Zr0.2 |
| MAR-M509     | 10.0      | 22.5 | 53.0 |      | 7.0  | 0.6  | 0.2  |      |      | 1.5  | Ta3.5<br>Si0.4<br>Mn0.1<br>Zr0.5 |
| Monel400 (R) | 66.0      |      |      |      |      | 0.12 |      |      | 31.0 | 2.0  | Mn1.0                            |
| Monel404     | 54.5      |      |      |      |      | 0.06 |      | 0.03 | 44.0 | 0.05 |                                  |

一般合金鋼 COMMON ALLOYS

No.4

| 名称             | Ni       | Cr   | Co   | Mo  | W    | C    | Ti   | Al   | Cu   | Fe   | Other          |
|----------------|----------|------|------|-----|------|------|------|------|------|------|----------------|
| MonelR405      | 66.0     |      |      |     |      | 0.18 |      |      | 31.5 | 1.35 | Mn1.0          |
| MonelK500      | 66.5     |      |      |     |      | 0.15 | 0.5  | 3.00 | 29.5 | 1.0  | Mn0.75         |
| Monel505(S)    | 64.0     |      |      |     |      | 0.80 |      |      | 29.0 | 2.0  | Mn0.8          |
| Monel506(H)    | 64.0     |      |      |     |      | 0.10 |      |      | 30.0 | 1.5  | Si4.0<br>Si3.2 |
| Multimet       | See N155 |      |      |     |      |      |      |      |      |      |                |
| MuMctal        | 75.0     | 2.0  |      |     |      |      |      |      | 5.0  | 18.0 |                |
| N153           | 33.0     | 17.0 | 24.0 | 3.0 | 2.0  | 0.33 |      |      |      | BAL  | Cb1.0          |
| N154           | 24.0     | 17.0 | 21.0 | 3.0 | 2.0  | 0.32 |      |      |      | BAL  | Cb1.0          |
| N155(Multimet) | 20.0     | 20.0 | 20.0 | 3.0 | 2.5  | 0.15 |      |      |      | BAL  | Cb1.0          |
| N156           | 15.0     | 17.0 | 12.0 | 3.0 | 2.0  | 0.32 |      |      |      | BAL  | Cb1.0          |
| NA22H          | 48.0     | 28.0 |      |     | 5.0  | 0.5  |      |      |      | BAL  | Si1.0<br>Mn1.3 |
| Nichrome       | 60.0     | 15.0 |      |     |      | 0.40 |      |      |      | BAL  | Si1.4          |
| NichromeV      | 79.0     | 20.0 |      |     |      | 0.40 |      |      |      | BAL  | Si1.4          |
| Nickel200      | 99.5     |      |      |     |      | 0.06 |      |      | 0.05 | 0.15 | Mn0.2          |
| Nickel202      | 95.5     |      |      |     | 3.8  | 0.03 |      |      | 0.02 | 0.05 |                |
| Nickel204      | 95.2     |      | 4.5  |     |      | 0.03 |      |      | 0.02 |      |                |
| Nickel210      | 95.6     |      |      |     |      | 0.80 |      |      | 0.50 | 0.50 | Si1.6          |
| Nickel211(D)   | 95.0     |      |      |     |      | 0.10 |      |      | 0.30 | 0.50 | Mn4.5          |
| Nickel213(G)   | 95.0     |      |      |     |      | 1.50 |      |      | 0.50 | 0.50 | Si1.6          |
| Nickel305(S)   | 91.5     |      |      |     |      | 0.80 |      |      | 0.50 | 0.50 | Si6.0          |
| Nicrotung      | 61.0     | 12.0 | 10.0 |     | 10.0 | 0.10 | 4.0  | 4.0  |      |      |                |
| Ni-Hard        | 4.5      | 2.0  |      |     |      | 3.00 |      |      |      | 89.5 | Mn0.5<br>Si0.5 |
| Nimonic75      | 77.6     | 20.5 |      |     |      | 0.10 | 0.35 | 0.2  | 0.05 | 0.5  |                |
| Nimonic80      | 74.5     | 20.5 |      |     |      | 0.05 | 2.50 | 1.25 | 0.05 | 0.55 |                |

一般合金鋼 COMMON ALLOYS

No.5

| 名称         | Ni             | Cr   | Co   | Mo   | W   | C    | Ti   | Al   | Cu   | Fe   | Other           |
|------------|----------------|------|------|------|-----|------|------|------|------|------|-----------------|
| Nimonic90  | 58.0           | 19.5 | 18.0 |      |     | 0.10 | 2.3  | 1.2  |      |      |                 |
| Nimonic95  | 50.0           | 20.0 | 20.0 |      |     |      | 3.0  | 2.0  |      |      |                 |
| Nimonic100 | 50.0           | 19.0 | 20.0 | 5.0  |     | 0.10 | 3.0  | 2.0  |      |      |                 |
| Nimonic105 | 46.0           | 15.0 | 20.0 | 5.0  |     | 0.15 | 1.45 | 4.5  |      |      |                 |
| Nimonic115 | 42.5           | 15.0 | 15.0 | 3.5  |     | 0.20 | 4.0  | 5.0  |      |      |                 |
| Niresist1  | 15.5           | 1.75 |      |      |     | 3.00 |      |      | 6.0  | BAL  | Si2.0           |
| Niresist2  | 20.0           | 2.0  |      |      |     | 3.00 |      |      |      | BAL  | Si2.0           |
| Niresist3  | 30.0           | 3.0  |      |      |     | 2.60 |      |      |      | BAL  | Si1.5           |
| Niresist4  | 30.5           | 5.0  |      |      |     | 2.60 |      |      |      | BAL  | Si5.5           |
| Niresist5  | 35.0           | 3.1  |      |      |     | 2.40 |      |      |      | BAL  | Si1.5           |
| Ni-SpanC   | 42.0           | 5.4  |      |      |     | 0.02 | 2.4  | 0.65 | 0.05 | BAL  |                 |
| Permalloy  | 78.5           |      |      |      |     |      |      |      |      | 21.5 |                 |
| Permendur  |                |      | 50.0 |      |     |      |      |      |      | 50.0 |                 |
| PWA653     | See WI 52      |      |      |      |     |      |      |      |      |      |                 |
| PWA663     | See B 1900     |      |      |      |     |      |      |      |      |      |                 |
| PWA686     | 57.0           | 19.5 | 13.5 | 4.0  |     | 0.05 | 2.5  | 1.5  |      | 2.0  |                 |
| PWA688     | See Udimet 500 |      |      |      |     |      |      |      |      |      |                 |
| PWA689     | See Udimet 700 |      |      |      |     |      |      |      |      |      |                 |
| RA330      | 35.0           | 19.0 |      |      |     | 0.06 |      |      | 0.5  | 43.0 | Mn1.5<br>Si1.25 |
| RA333      | 45.0           | 25.0 | 3.0  | 3.0  | 3.0 | 0.05 |      |      | 0.5  | 18.0 |                 |
| Remendur   |                |      | 50.0 |      |     |      |      |      |      | BAL  | V5.0            |
| Rene41     | 55.5           | 19.0 | 11.0 | 10.0 |     | 0.09 | 3.2  | 1.6  |      |      |                 |
| Rene77     | 57.0           | 15.0 | 15.0 | 5.0  |     | 0.06 | 3.5  | 4.4  |      |      |                 |
| S-816      | 20.0           | 20.0 | 43.0 | 4.0  | 4.0 | 0.38 |      |      |      | 4.0  | Mn0.20<br>Cb4.0 |
| Sealmet    | 42.0           | 5.0  |      |      |     |      |      |      |      | 53.0 |                 |
| Stellites  | See HS Series  |      |      |      |     |      |      |      |      |      |                 |
| Supertherm | 35.0           | 26.0 | 15.0 |      | 5.0 | 0.5  |      |      |      | BAL  | Si1.6           |
| Thetaloy   | 49.0           | 25.0 | 12.5 | 3.0  | 7.0 |      |      |      |      | 3.0  |                 |
| Ticonium   | 30.0           | 25.0 | 30.0 | 6.0  |     | 0.06 |      |      |      |      |                 |
| TophetA    | 80.0           | 20.0 |      |      |     |      |      |      |      |      |                 |
| TophetB    | 70.0           | 20.0 |      |      |     |      |      |      |      | BAL  |                 |
| TophetC    | 61.0           | 15.0 |      |      |     |      |      | 3.0  |      | BAL  |                 |
| TophetM    | 65.0           | 30.0 |      |      |     | 5.00 |      |      |      |      |                 |
| トモイ        | 57.0           | 19.0 | 8.0  | 9.0  | 3.0 |      |      |      |      |      |                 |

一般合金鋼 COMMON ALLOYS

No.6

| 名称              | Ni             | Cr   | Co   | Mo   | W   | C     | Ti  | Al  | Cu | Fe   | Other                        |
|-----------------|----------------|------|------|------|-----|-------|-----|-----|----|------|------------------------------|
| Timken(16-15-6) | 15.0           | 16.0 |      | 6.0  |     |       |     |     |    | BAL  | Mn7.5                        |
| Timken(16-25-6) | 25.0           | 16.0 |      | 6.0  |     |       |     |     |    | BAL  | Mn1.35                       |
| TZM             |                |      |      | BAL  |     | 0.015 | 0.5 |     |    |      | Zr0.08                       |
| Udimct200       | See Incoloy901 |      |      |      |     |       |     |     |    |      |                              |
| Udimct500       | 53.0           | 17.5 | 16.5 | 4.0  |     | 0.10  | 3.0 | 3.0 |    | 2.0  |                              |
| Udimct520       | 56.0           | 19.0 | 12.0 | 6.0  | 1.0 |       | 3.0 | 2.0 |    | 1.0  |                              |
| Udimct600       | 52.0           | 17.5 | 16.5 | 4.0  |     |       | 2.9 | 4.2 |    | 4.0  |                              |
| Udimct700       | 52.0           | 15.0 | 18.5 | 4.0  |     | 0.07  | 3.5 | 4.2 |    | 1.0  |                              |
| Udimct710       | 55.0           | 18.0 | 15.0 | 3.0  | 1.5 | 0.07  | 5.0 | 2.5 |    |      |                              |
| UMCO50          |                | 28.0 | 52.0 |      |     | 0.10  |     |     |    | 20.0 |                              |
| UMCO51          |                | 28.0 | 50.0 |      |     | 0.27  |     |     |    | 20.0 | Cb2.0                        |
| Vicalloyl       |                |      | 52.0 |      | 1.9 |       |     |     |    | BAL  | V10.0<br>Mn0.30              |
| Vicalloyll      |                |      | 51.7 |      |     | 0.02  |     |     |    | BAL  | V14.0<br>Mn0.30              |
| Waspalloy       | 55.0           | 19.0 | 13.5 | 4.25 |     | 0.05  | 2.5 | 1.2 |    | 1.0  |                              |
| Waspalloy(MOD)  | 56.0           | 19.0 | 11.5 | 7.0  |     | 0.05  | 2.5 | 1.2 |    | 1.2  |                              |
| WJ52            | 1.0            | 21.0 | 64.0 | 11.0 |     | 0.45  |     |     |    | 0.6  | Mn0.5<br>Si0.5<br>Cb + Ta2.0 |
| Zircalloy2      | 0.05           | 0.1  |      |      |     |       |     |     |    | 0.12 | Sn1.5<br>ZrBAL               |
| Z Nickel        | See Duranickel |      |      |      |     |       |     |     |    |      |                              |