



High Performance Alloys, Inc.
 444 Wilson Street · Tipton, Indiana 46072
 United States of America

From the DESK of : **Jeff Kirchner, Sales Mgr.**
Phone : (800) H₄P₇A₂L₅L₅O₆Y₉
Fax : (765) 675-7051
E-Mail : Jeff@HPAlloy.com
 Visit our site : www.hpalloy.com

Alloy, forms and sizes

Specialty Stainless Steels

NITRONIC 50

Wire **0.035** .045 **.062 .078 .093 .125 .156**
 Bar 0.125 .187 .250 .312 .375 .437 .500 .625 .750 .875 1.00 1.125 1.25 1.375 1.5 1.625 1.75 2
 2.25 2.5 2.75 3 3.25 3.5 4 4.25 4.5 5 5.5 6.0 8.0
 Fasteners

NITRONIC 60

Wire 0.035 .045 .062 .078 .093 .125 **.156**
 Bar 0.093 .125 .187 .250 **.312 .375 .437** .500 .625 .750 **.875** 1.00 **1.125** 1.25 **1.375** 1.5 **1.625**
 1.75 2 2.25 2.5 **2.75** 3 3.25 3.5 4 4.25 4.5 5 5.5 6.0 8.0 10.0
 Foil 0.003 0.004
 Sheet 0.025 **050** 062 **078** 109 125 140
 Plate 0.187 250 312 375 500 625 750 1.00 1.25 1.5 1.75 2.0
 Fasteners

Duplex alloy 255

Bar **0.125 .187 .250 .312 .375 .437** .500 .625 .750 .875 1.00 1.125 1.25 1.375 1.5 1.625 1.75 2
 2.25 2.5 2.75 3 3.25 3.5 4 4.25 4.5 5 5.5 6.0 8.0
 Sheet 0.062 125
 Plate 0.187 250 375 500 750 1.00 **1.25 1.5 2.0**
 Fasteners

* Sizes in bold are not currently in our stocking program, but can be ordered. Minimum quantities may apply.

Serving the special needs of Nickel
 and Cobalt alloy consumers Since **1984**

PRODUCER and DISTRIBUTOR of
 NICKEL-BASED, COBALT-BASED, and SUPER STAINLESS ALLOYS



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Alloy, forms and sizes

Nickel Alloys - Corrosion

C-276

Wire **0.035 .045 .062 .078 .093 .125 .156**
 Bar .125 .187 .250 .312 .375 .437 .500 .625 .750 .875 1.00 1.125 1.25 1.375 1.5 1.625 1.75 2 2.25
 2.5 2.75 3 3.25 3.5 4 4.25 4.5 5 5.5 6.0 8.0
 Sheet 0.025 050 062 078 **109** 125 140
 Plate 0.187 250 312 375 500 625 750 1.00 **1.25 1.5 2.0**
 Fittings Fasteners Pipe Tube

Nickel Alloy 200/201

Wire **0.035 .045 .062 .078 .093 .125 .156**
 Bar 0.125 .187 .250 .312 .375 .437 .500 .625 .750 .875 1.00 1.125 1.25 1.375 1.5 1.625 1.75 2
 2.25 2.5 2.75 3 3.25 3.5 4 4.25 4.5 5 5.5 6.0 8.0
 Sheet **0.018 025** 031 037 050 062 078 109 125 140
 Plate 0.187 250 312 375 500 625 750 1.00 1.25 1.5 2.0
 Fasteners

Alloy 400

Wire **0.035 .045 .062 .078 .093 .125 .156**
 Bar 0.125 .187 .250 .312 .375 .437 .500 .625 .750 .875 1.00 1.125 1.25 1.375 1.5 1.625 1.75 2
 2.25 2.5 2.75 3 3.25 3.5 4 4.25 4.5 5 5.5 6.0 8.0
 Sheet **0.018 025** 031 037 050 062 078 109 125 140
 Plate 0.187 250 312 375 500 625 750 1.00 1.25 1.5 2.0
 Fasteners

Alloy R405

Wire **0.035 .045 .062 .078 .093 .125 .156**
 Bar 0.125 .187 .250 .312 .375 .437 .500 .625 .750 .875 1.00 1.125 1.25 1.375 1.5 1.625 1.75 2
 2.25 2.5 2.75 3
 Hex 0.375 .437 .500 .625 .750 .875 1.00 1.125 1.25 1.375 1.5 1.625 1.75 2 2.25 2.5 2.75 3
 Fasteners

Alloy K500

Wire **0.035 .045 .062 .078 .093 .125 .156**
 Bar 0.250 .312 .375 .437 .500 .625 .750 .875 1.00 1.125 1.25 1.375 1.5 1.625 1.75 2 2.25 2.5 2.75
 3 3.25 3.5 4 4.25 4.5 5 5.5 6.0 8.0
 Fasteners

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Alloy, forms and sizes

Cobalt Alloys - Wear

Cobalt 6B

Bar .375 **.437** .500 .625 .750 .875 1.00 1.125 1.25 **1.375** 1.5 1.625 1.75 2 2.25 2.5 2.75 3 3.25
3.5 4 6.0

Sheet **0.031** 062 **078 109** 125 **140** 156

Plate 0.187 250 312 375 500 625 750 1.00 1.25 1.5 2.0

Cobalt 6BH

Bar **0.625 .750 .875 1.00 1.125 1.25 1.375 1.5 1.625 1.75 2 2.25 2.5**

Sheet 0.125 156 187 **250**

Stainless Alloys - Wear

NITRONIC 60

Wire 0.035 .045 .062 .078 .093 .125 **.156**

Bar 0.093 .125 .187 .250 **.312** .375 **.437** .500 .625 .750 **.875** 1.00 **1.125** 1.25 **1.375** 1.5 **1.625**
1.75 2 2.25 2.5 **2.75** 3 3.25 3.5 4 4.25 4.5 5 5.5 6.0 8.0 10.0

Foil 0.003 0.004

Sheet 0.025 **050** 062 **078** 109 125 140

Plate 0.187 250 312 375 500 625 750 1.00 1.25 1.5 1.75 2.0

Fasteners

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Alloy, forms and sizes

Nickel Alloys - Temperature

Alloy 600

Wire **0.035 .045 .062 .078 .093 .125 .156**
 Bar 0.125 .187 .250 .312 .375 .437 .500 .625 .750 .875 1.00 1.125 1.25 1.375 1.5 1.625 1.75 2
 2.25 2.5 2.75 3 3.25 3.5 4 4.25 4.5 5 5.5 6.0 8.0
 Sheet 0.018 0.25 0.37 0.50 0.62 0.78 1.09 1.25 1.40
 Plate 0.187 250 312 375 500 625 750 1.00 1.25 1.5 2.0
 Fasteners

Alloy 601

Wire **0.035 .045 .062 .078 .093 .125 .156**
 Bar **0.125 .187** .250 **.312** .375 **.437** .500 .625 .750 .875 1.00 1.125 1.25 1.375 1.5 1.625 1.75 2
 2.25 2.5 2.75 3 3.25 3.5 4 4.25 4.5 5 5.5 6.0 8.0
 Sheet 0.018 0.25 0.37 0.50 0.62 0.78 1.09 1.25 1.40
 Plate 0.187 250 312 375 500 625 750 1.00 1.25 1.5 2.0
 Fasteners

Alloy 625

Wire **0.035 .045 .062 .078 .093 .125 .156**
 Bar 0.125 .187 .250 .312 .375 .437 .500 .625 .750 .875 1.00 1.125 1.25 1.375 1.5 1.625 1.75 2
 2.25 2.5 2.75 3 3.25 3.5 4 4.25 4.5 5 5.5 6.0 8.0
 Sheet 0.018 0.25 0.37 0.50 0.62 0.78 1.09 1.25 1.40
 Plate 0.187 250 312 375 500 625 750 1.00 1.25 1.5 2.0
 Fasteners

Alloy 718

Wire **0.035 .045 .062 .078 .093 .125 .156**
 Bar 0.125 .187 .250 .312 .375 .437 .500 .625 .750 .875 1.00 1.125 1.25 1.375 1.5 1.625 1.75 2
 2.25 2.5 2.75 3 3.25 3.5 4 4.25 4.5 5 5.5 6.0 8.0
 Sheet 0.018 0.25 0.37 0.50 0.62 0.78 1.09 1.25 1.40
 Plate 0.187 250 312 375 500 625 750 1.00 1.25 1.5 2.0
 Fasteners

Alloy HX

Wire **0.035 .045 .062 .078 .093 .125 .156**
 Bar 0.125 .187 .250 .312 .375 .437 .500 .625 .750 .875 1.00 1.125 1.25 1.375 1.5 1.625 1.75 2
 2.25 2.5 2.75 3 3.25 3.5 4 4.25 4.5 5 5.5 6.0 8.0
 Sheet 0.018 0.25 0.37 0.50 0.62 0.78 1.09 1.25 1.40
 Plate 0.187 250 312 375 500 625 750 1.00 1.25 1.5 2.0

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