

Atlas Specialty Metals distribution locations



AUCKLAND

308 Neilson Street / 66 Harris Road
Onehunga / East Tamaki
P.O. Box 13-249
Telephone: (09) 634 0179
Facsimile: (09) 634 0172
Email: nzsales@atlasmetals.co.nz

WELLINGTON

3-30 Port Road
Seaview, Lower Hutt
Wellington
Telephone: (04) 576 1884
Facsimile: (04) 576 4034
Email: nzsales@atlasmetals.co.nz

HAMILTON

52 The Boulevard
Te Rapa
Hamilton
Telephone: (07) 850 1723
Facsimile: (07) 850 1724
Email: nzsales@atlasmetals.co.nz

CHRISTCHURCH

17 Hammersmith Drive
Sockburn
Christchurch
Telephone: (03) 977 9000
Facsimile: (03) 977 9001
Email: nzsales@atlasmetals.co.nz

DUNEDIN

8 Kitchener Street
Dunedin
Telephone: (03) 477 2793
Facsimile: (03) 477 1383
Email: nzsales@atlasmetals.co.nz



Other Locations:



AUSTRALIA

VICTORIA
Melbourne
Shepparton
Wodonga
NEW SOUTH WALES
Sydney
Newcastle
SOUTH AUSTRALIA
Adelaide
TASMANIA
Launceston

WESTERN AUSTRALIA
Perth
Kalgoorlie
NORTHERN TERRITORY
Darwin
QUEENSLAND
Brisbane
Gladstone
Mackay
Townsville

ASIA

JAKARTA
BANGKOK

SALES : FREE CALL 05082 ATLAS TECHNICAL ASSISTANCE: FREE CALL 0508 METALS
05082 28527 0508 638257

Email: tech@atlasmetals.co.nz

www.atlasmetals.co.nz

ATLAS SPECIALTY METALS

New Zealand Product Stock Guide www.atlasmetals.co.nz



The Force in Specialty Metals

SALES : FREE CALL 05082 ATLAS

TECHNICAL ASSISTANCE: FREE CALL 0508 METALS

Specialty Metals Since 1918

Atlas originated from Canada and has sold Specialty Metals since 1918. Today we are the largest distributor of our product range in Australasia.

This brochure is a guide to the range of specialty metal products stocked and customer services provided by the Atlas distribution network throughout New Zealand.

The product range stocked by Atlas is typical of the New Zealand market. Please contact our customer service team for products outside the range shown. Customer specific products may be available from within the Atlas group with short lead times from Australia and Asia. Atlas also has a network of global mills and international stockists.

Atlas New Zealand Specialty Metals Range of Products:

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Stainless Flat Product

Stainless Sheet, Coil & Strip

- Grade: 304, 304/304L, 316, 316/316L, 4003/AtlasCR12
- Thickness (mm): 0.45 to <5.0
- Width (mm): 914, 1219, 1500, 2000
- Length (mm): 1829, 2438, Specific cut-to-length
- Finish: 2B, No.4, BA, No.1 (HRAP)
- Standard coating: PE
- Optional coating: Laser, Deep drawing PVC

Stainless Plate

- Grade: 304/304L, 316/316L, 4003/AtlasCR12, 2205, 253MA
- Thickness (mm): 5.0 to 50.0
- Width (mm): 1250 (grade 4003), 1500, 2000, 2500
- Length (mm): 3000, 6000, Specific cut-to-length
- Finish: 2B (to 8mm), No.1 (HRAP)

Stainless Chequer (Floor) Plate

- Grade: 304
- Thickness (mm): 3.18, 4.76, 6.0
- Width (mm): 1219, 1250 (6mm only)
- Length (mm): 2438, 3048, 2500 (6mm only)
- Finish: No.1 (HRAP) Rolled

Stainless Steel Sections

Stainless Bar & Wire

- Grade: 303, 304L, 316, 316L, 2205, 431 H&T, 'UGIMA Grades'
- Size range (mm): Round: 3.0 to 203.0
Square: 6.0 to 38.0 A/F
Hexagon: 9.52 to 63.5 A/F
Flat Bar: 12 to 100 wide; 3 to 25 thick
Equal Angle: 20 to 100 section; 3 to 10 thick
Hollow Bar: 56 OD x 36 ID to 236 OD x 150 ID
Wire: On request
- Condition: Hardened & Tempered, annealed
- Finishes: Cold (bright) drawn, centreless ground, smooth turned and polished, hot rolled annealed and pickled, peeled.

Durinox™ Stainless Steel Ribbed Reinforcing Bar

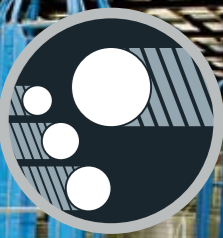
Stainless Steel Ribbed Reinforcing Bar

- Grade: 316, 2304, 2205
- Size range (mm): 6.0 to 50.0
- Finish: 6.0 to 16.0 Cold Ribbed "Arminox"
20.0 to 50.0 Hot Ribbed "Durinox"

Other Products and Services

- Couplings, Tie Wire, Mesh, Dowels, Cut-to-length and shaping, Metallurgical & Corrosion Advice.

DURINOX
stainless steel reinforcement



Stainless Tubular Products

Stainless Tube & Fittings

- Grade: 304, 316, 2205
- Size range (mm): Round: 6.35 to 152.4
Spiral welded: 76.2 to 762.0
Square: 12.7 to 101.6
Rectangular: 12.7 x 25.4 to 152.4 x 101.6
- Wall thickness (mm): 0.33 to 5.0
- Fittings: Bends, tees, reducers, flanges, BSM/RJT, tri-clamp

Ultrabrite™ (premium polished decorative tube)

- Shape: Round, Square
- Grade: 304, 316, 316L
- Size range (mm): Round: 19.05 to 63.5, Square: 19.05, 25.4
- Wall Thickness: 1.2 to 2.00

Stainless Steel (Seamless & Welded) Pipe & Fittings

- Shape: Round
- Grade: 304/304L, 316/316L, 2205
- Size range (mm): 13.7 to 609.6 OD (DN6 to DN600)
- Wall thickness: Schedule 10S, 40S, 80S
- Fittings: Butt weld, BSP Screwed & socketed, Flanges (ASTM-ANSI, AS2129 Plate)



Engineering Bar

General Purpose Bright Steels

- Grade: M1020/M1030, 1040, 1045, 1214FM, 12L14FM, U1004
- Round (mm): 3.17 to 152.4
- Square (mm): 3.0 to 152.4
- Hexagonal (mm): 4.76 to 76.2
- Flat (mm): 9.52 x 3.17 to 152.4 x 50.8
- Finish: Cold drawn, smooth turned & polished, centreless ground

Carbon & Alloy Steels

- Shape: Round
- Grade: 1045, 4140, 4340
- Size(mm): 10.0 to 550.0

Case Hardening Steels

- Shape: Round
- Grade: 8620H, En36A, En39B
- Size range (mm): 30.0 to 325.0

Carbon Hollow

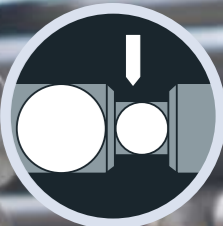
- Grade: Ovako 280, 20MnVS6, ST52
- Size range (mm): 32.0 x 16.0 to 406.4 x 325.0

Brass

- Grade: 385 (AS2738 Part2 Grade 385 / C38500)
- Size range (mm): Round: 6.0 to 63.5
Hexagon: 7.94 to 50.8 A/F

Aluminium Free Machining Bar

- Shape: Round
- Grade: 2011 T3/T6
- Size range (mm): 12.7 to 160.0



Carbon Steel Tubular Products

Carbon Steel Pipe and Fittings

- Shape: Round
- Grade: ASTM A53, A106, API 5L
- Size range (mm): 13.7 to 609.6 OD (DN6 to DN600)
- Wall thickness: Std Wt, XS, Sch 160
- Fittings: Butt weld, Flanges (ASTM-ANSI, AS2129 Plate)

Carbon Precision Tube & Bends

Mild Steel, High Strength & Galvanized

- Standard Shapes: Square, Round, Rectangle, Flat Sided Oval, Oval
- Custom Shapes: Ag-beam, Roll cage
- Grade:
 - o Mild Steel: C250, C350, C500 (and variation of)
 - o High Strength: SANC490
 - o Galvanized: G250/Z275, G310/Z450, G450/Z450

- Sizes Range (mm): Square 9.5 x 9.5 to 65 x 65
Round 9.5 to 101.6
Rectangular 25.4 x 12.7 to 76.2 x 19
Flat Sided Oval 25.4 x 16 to 54 x 19
Oval 19 x 12.7 and 31.8 x 17
- Wall Thickness (mm): 1.0 to 3.0



Aluminised

- Shape: Round
- Grade: ASTM A463
- Size Range (mm): 31.8 to 101.6
- Wall Thickness (mm): 1.2, 1.6, 2.0



Hydraulic Applications Product

Honed Cylinder Tube

- Grade: STC590
- Size range (mm): 31.75 ID x 6.35 WT to 304.8 ID x 25.4 WT

Hydraulic Tube - CDSA

- Grade: 0ST2,
- Size range (mm): 6.35 x 0.9 WT to 53.98 x 4.78 WT

Chrome Bar

- Shape: Round
- Grade: 1045, 1045 Induction Hardened, 4140 Hardened & Tempered
- Size range (mm): 8.0 to 152.4

Aluminium Bronze (solid & hollow)

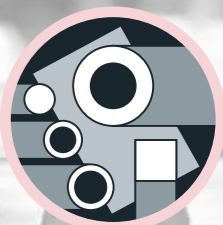
- Grade: 954
- Solid size range (mm): 12.7 to 190.5
- Hollow size Range (mm): 38.1 x 19.05 to 304.8 x 228.6

Bronze (solid & hollow)

- Grade: LG2
- Solid size range (mm): 12.7 to 203.2
- Hollow size range (mm): 25.4 x 12.7 to 254.0 x 203.2

Cast Iron

- Shape: Round
- Grade: U250
- Size range (mm): 25.4 to 420.0



Aluminium

Aluminium Sheet & Coil

- Alloy: 1200, 5005, 5052/5251, 5083
- Temper: 0, H14, H32, H34,
- Thickness (mm): 0.7 to 6.0
- Width (mm): 900, 1200, 1525
- Length (mm): 2400 to 3600
- Finish: Mill, paper interleaf
- Coating (optional): PE

Aluminium Plate

- Alloy: 5083
- Temper: H116, H321
- Thickness (mm): 6, 8, 10, 12, 16, 20, 25, 32, 40, 50
- Width (mm): 1200, 1525, 1830
- Length (mm): 2400 to 7100

Aluminium Extrusions

- Limited range of standard shapes

Aluminium Treadplate

- Alloy: 3003, 5052, 5251
- Temper: 0
- Thickness (mm): 1.6 to 8.0
- Width (mm): 1200, 1600
- Length (mm): 2400
- Finish: Mill 5-Bar, Brite Propeller

Mild Steel Flat Products

Galvanized Sheet

- Grade: G250/Z275
- Thickness (mm): 0.4 to 3.0
- Width (mm): 914, 1219
- Length (mm): 2438

Cold Rolled Sheet

- Grade: G250 oiled (JIS G3141)
- Thickness (mm): 0.6 to 3.0
- Width (mm): 1219
- Length (mm): 2438

Electro Galvanized Sheet

- Grade: JIS G3313 SECC
- Thickness (mm): 0.6 to 3.0
- Width (mm): 1219
- Length (mm): 2438

Other Specialty Metals Products

- High Nickel Alloys
- Titanium Alloys
- Pneumatic Tube



Product and Market Support Services

Project Management

- Metal products sourcing
- Supply logistics management
- Technical assistance
- Warehousing

Technical Services

- Metallurgical and Product Applications Assistance
- Metallurgical Testing Laboratory

Product Processing

- Cut-to-length
- Bandsawing
- Polishing, Slitting and Recoiling
- Plasma cutting

Quality Assurance

- Certification to ISO 9001



Atlas Brands



DURINOX
stainless steel reinforcement

