



Allied Threaded Products (ATP) is a leading Canadian supplier of industrial fasteners and gaskets, distinguished by its advanced in-house fabrication capabilities for both standard and custom solutions.



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Head Office
 23 French Drive
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 Toll-Free: (866) 225 9331
 Phone: (519) 943 0800
 Email: sales@atpstuds.com

EDMONTON, AB

Alberta Location
 6125 56 Ave NW
 Edmonton, Alberta, T6B 3K2
 Toll-Free: (877) 590 9331
 Phone: (780) 469 0036
 Email: edmsales@atpstuds.com

DELTA, BC

B.C. Location
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 Toll-Free: (877) 225 9331
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100% CANADIAN OWNED AND OPERATED



| ASTM ALL THREAD STUDS & RODS | |
|------------------------------|------------------|
| A193 B7 | A193 B8 |
| A193 B7M | A193 B8M CL1/CL2 |
| A320 L7 | Grade 2 |
| A320 L7M | Grade F1554-105 |
| A320 L43 | UNC/UNF/8UN |
| A193 B16 | |

Standard and custom studs and rods in a wide range of lengths, materials, grades, and dimensions.

| ASTM HEAVY HEX NUTS |
|---------------------|
| A194 2H |
| A194 2HM |
| A194 G4 |
| A194 7L |
| A194 7ML |
| A194 G3 |
| A194 GMA |
| A194 G8 CL1/CL2 |
| A194 G8M CL1/CL2 |

Standalone or assembled. Custom bolt kits. Coatings for highly corrosive applications.

| BOLTS, NUTS & WASHERS |
|-----------------------|
| Bolt Up Kits |
| Assembled Product |
| F436/SAE Flat Washers |
| B7 Hex Bolts |
| U Bolts Fig 137 |
| Coarse/Fine pitch |

| CUSTOM COATINGS |
|-----------------------|
| Bare |
| Hot Dipped Galvanized |
| Xylan |
| Electroplated Zinc |
| Cadmium Plated |

| SEMI-METALLIC GASKETS |
|-------------------------|
| Spiralwounds |
| Kammprofile |
| Double Jacket (DJ) |
| Corrugated Metal (CMGC) |

Dependable sealing performance for demanding specifications.

| METALLIC GASKETS |
|----------------------------|
| Oval Ring Type Joint (RTJ) |
| BX/RX Type Joint (RTJ) |

| FLANGE ISOLATION/KITS |
|-------------------------------|
| Stepko Warrior G10 |
| Stepko AssureaSeal SSC |
| Flexitallic ISOFLEX-FS/LT |
| Flexitallic ISOPRO-IP/NEO/NFP |

Canadian distributor for Step-Ko Products, and a proud distributor of Flexitallic Products.

| NON-METALLIC GASKETS | |
|----------------------|-------------------|
| Non-Asbestos | Cork/Buna-N |
| Aramid Fibers | Thermiculite |
| Nitrile NBR Rubber | Flexible Graphite |
| SBR Red Rubber | PTFE/Virgin/RTFE |
| Viton/FKM Rubber | |
| EPDM Rubber | |

Custom Cutting Capabilities. We Offer On-Site Gasket Site Surveys.



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NATIONAL REACH, LOCAL SUPPORT & SERVICE

ANSI 150-LB FLANGES

| Nominal Pipe Size | Diameter of Studs | No. Of Studs | Stud Bolt Length | | Ring Joint Gasket No. |
|-------------------|-------------------|--------------|------------------|------------|-----------------------|
| | | | Raised Face | Ring Joint | |
| Inches | Inches | | Inches | Inches | |
| 1/2 | 1/2 | 4 | 2-1/4 | - | - |
| 3/4 | 1/2 | 4 | 2-1/2 | - | - |
| 1 | 1/2 | 4 | 2-1/2 | 3 | R15 |
| 1-1/4 | 1/2 | 4 | 2-3/4 | 3-1/4 | R17 |
| 1-1/2 | 1/2 | 4 | 2-3/4 | 3-1/4 | R19 |
| 2 | 5/8 | 4 | 3-1/4 | 3-3/4 | R22 |
| 2-1/2 | 5/8 | 4 | 3-1/2 | 4 | R25 |
| 3 | 5/8 | 4 | 3-1/2 | 4-1/4 | R29 |
| 3-1/2 | 5/8 | 8 | 3-1/2 | 4-1/4 | R33 |
| 4 | 5/8 | 8 | 3-1/2 | 4-1/4 | R36 |
| 5 | 3/4 | 8 | 3-3/4 | 4-1/2 | R40 |
| 6 | 3/4 | 8 | 4 | 4-1/2 | R43 |
| 8 | 3/4 | 8 | 4-1/4 | 4-3/4 | R48 |
| 10 | 7/8 | 12 | 4-3/4 | 5-1/4 | R52 |
| 12 | 7/8 | 12 | 4-3/4 | 5-1/2 | R56 |
| 14 | 1 | 12 | 5-1/4 | 6 | R59 |
| 16 | 1 | 16 | 5-1/2 | 6 | R64 |
| 18 | 1-1/8 | 16 | 6 | 6-1/2 | R68 |
| 20 | 1-1/8 | 20 | 6-1/4 | 7 | R72 |
| 22 | 1-1/4 | 20 | 6-1/2 | 7-1/4 | R80 |
| 24 | 1-1/4 | 20 | 7 | 7-3/4 | R76 |

ANSI 300-LB FLANGES

| Nominal Pipe Size | Diameter of Studs | No. Of Studs | Stud Bolt Length | | Ring Joint Gasket No. |
|-------------------|-------------------|--------------|------------------|------------|-----------------------|
| | | | Raised Face | Ring Joint | |
| Inches | Inches | | Inches | Inches | |
| 1/2 | 1/2 | 4 | 2-1/2 | 3 | R11 |
| 3/4 | 5/8 | 4 | 3 | 3-1/4 | R13 |
| 1 | 5/8 | 4 | 3-1/4 | 3-1/4 | R16 |
| 1-1/4 | 5/8 | 4 | 3-1/4 | 3-3/4 | R18 |
| 1-1/2 | 3/4 | 4 | 3-1/2 | 4 | R20 |
| 2 | 5/8 | 8 | 3-1/2 | 4-1/4 | R23 |
| 2-1/2 | 3/4 | 8 | 4 | 4-1/2 | R26 |
| 3 | 3/4 | 8 | 4-1/4 | 5 | R31 |
| 3-1/2 | 3/4 | 8 | 4-1/4 | 5 | R34 |
| 4 | 3/4 | 8 | 4-1/2 | 5-1/4 | R37 |
| 5 | 3/4 | 8 | 4-3/4 | 5-1/4 | R41 |
| 6 | 3/4 | 12 | 4-3/4 | 5-3/4 | R45 |
| 8 | 7/8 | 12 | 5-1/2 | 6-1/4 | R49 |
| 10 | 1 | 16 | 6-1/4 | 7-1/4 | R53 |
| 12 | 1-1/8 | 16 | 6-3/4 | 7-1/2 | R57 |
| 14 | 1-1/8 | 20 | 7 | 7-3/4 | R61 |
| 16 | 1-1/4 | 20 | 7-1/2 | 8-1/4 | R65 |
| 18 | 1-1/4 | 24 | 7-3/4 | 8-1/2 | R69 |
| 20 | 1-1/4 | 24 | 8-1/4 | 9-1/4 | R73 |
| 22 | 1-1/2 | 24 | 8-3/4 | 9-3/4 | R81 |
| 24 | 1-1/2 | 24 | 9-1/4 | 10-1/4 | R77 |

ANSI 400-LB FLANGES

| Nominal Pipe Size | Diameter of Studs | No. Of Studs | Stud Bolt Length | | Ring Joint Gasket No. |
|-------------------|-------------------|--------------|------------------|------------|-----------------------|
| | | | Raised Face | Ring Joint | |
| Inches | Inches | | Inches | Inches | |
| 1/2 | 1/2 | 4 | 3 | 3 | R11 |
| 3/4 | 5/8 | 4 | 3-1/2 | 3-1/2 | R13 |
| 1 | 5/8 | 4 | 3-1/2 | 3-1/2 | R16 |
| 1-1/4 | 5/8 | 4 | 3-3/4 | 3-3/4 | R18 |
| 1-1/2 | 3/4 | 4 | 4-1/4 | 4-1/4 | R20 |
| 2 | 5/8 | 8 | 4-1/4 | 4-1/4 | R23 |
| 2-1/2 | 3/4 | 8 | 4-3/4 | 4-3/4 | R26 |
| 3 | 3/4 | 8 | 5 | 5 | R31 |
| 3-1/2 | 7/8 | 8 | 5-1/2 | 5-1/2 | R34 |
| 4 | 7/8 | 8 | 5-1/2 | 5-1/2 | R37 |
| 5 | 7/8 | 8 | 5-3/4 | 5-3/4 | R41 |
| 6 | 7/8 | 12 | 6 | 6 | R45 |
| 8 | 1 | 12 | 6-3/4 | 6-3/4 | R49 |
| 10 | 1-1/8 | 16 | 7-1/2 | 7-1/2 | R53 |
| 12 | 1-1/4 | 16 | 8 | 8 | R57 |
| 14 | 1-1/4 | 20 | 8-1/4 | 8-1/4 | R61 |
| 16 | 1-3/8 | 20 | 8-3/4 | 8-3/4 | R65 |
| 18 | 1-3/8 | 24 | 9 | 9 | R69 |
| 20 | 1-1/2 | 24 | 9-1/2 | 9-1/2 | R73 |
| 22 | 1-5/8 | 24 | 10 | 10-1/2 | R81 |
| 24 | 1-3/4 | 24 | 10-1/2 | 11 | R77 |

ANSI 600-LB FLANGES

| Nominal Pipe Size | Diameter of Studs | No. Of Studs | Stud Bolt Length | | Ring Joint Gasket No. |
|-------------------|-------------------|--------------|------------------|------------|-----------------------|
| | | | Raised Face | Ring Joint | |
| Inches | Inches | | Inches | Inches | |
| 1/2 | 1/2 | 4 | 3 | 3 | R11 |
| 3/4 | 5/8 | 4 | 3-1/4 | 3-1/4 | R13 |
| 1 | 5/8 | 4 | 3-1/2 | 3-1/2 | R16 |
| 1-1/4 | 5/8 | 4 | 3-3/4 | 3-3/4 | R18 |
| 1-1/2 | 3/4 | 4 | 4-1/4 | 4-1/4 | R20 |
| 2 | 5/8 | 8 | 4-1/4 | 4-1/2 | R23 |
| 2-1/2 | 3/4 | 8 | 5 | 5-1/4 | R26 |
| 3 | 3/4 | 8 | 5 | 5-1/4 | R31 |
| 3-1/2 | 7/8 | 8 | 5-1/2 | 5-1/2 | R34 |
| 4 | 7/8 | 8 | 5-3/4 | 6 | R37 |
| 5 | 1 | 8 | 6-1/2 | 6-1/2 | R41 |
| 6 | 1 | 12 | 6-3/4 | 7 | R45 |
| 8 | 1-1/8 | 12 | 7-3/4 | 8 | R49 |
| 10 | 1-1/4 | 16 | 8-1/2 | 8-3/4 | R53 |
| 12 | 1-1/4 | 20 | 8-3/4 | 9 | R57 |
| 14 | 1-3/8 | 20 | 9-1/4 | 9-1/2 | R61 |
| 16 | 1-1/2 | 20 | 10 | 10-1/4 | R65 |
| 18 | 1-5/8 | 20 | 10-3/4 | 11 | R69 |
| 20 | 1-5/8 | 24 | 11-1/2 | 11-3/4 | R73 |
| 22 | 1-3/4 | 24 | 12 | 12-1/2 | R81 |
| 24 | 1-7/8 | 24 | 13 | 13-1/2 | R77 |

ANSI 900-LB FLANGES

| Nominal Pipe Size | Diameter of Studs | No. Of Studs | Stud Bolt Length | | Ring Joint Gasket No. |
|-------------------|-------------------|--------------|------------------|------------|-----------------------|
| | | | Raised Face | Ring Joint | |
| Inches | Inches | | Inches | Inches | |
| 1/2 | 3/4 | 4 | 4 | 4-1/4 | R12 |
| 3/4 | 3/4 | 4 | 4-1/4 | 4-1/2 | R14 |
| 1 | 7/8 | 4 | 4-3/4 | 5 | R16 |
| 1-1/4 | 7/8 | 4 | 5 | 5 | R18 |
| 1-1/2 | 1 | 4 | 5-1/4 | 5-1/2 | R20 |
| 2 | 7/8 | 8 | 5-1/2 | 5-3/4 | R24 |
| 2-1/2 | 1 | 8 | 6-1/4 | 6-1/4 | R27 |
| 3 | 7/8 | 8 | 5-1/2 | 5-3/4 | R31 |
| 4 | 1-1/8 | 8 | 6-1/2 | 6-3/4 | R37 |
| 5 | 1-1/4 | 8 | 7-1/2 | 7-1/2 | R41 |
| 6 | 1-1/8 | 12 | 7-1/2 | 7-3/4 | R45 |
| 8 | 1-3/8 | 12 | 8-1/2 | 8-3/4 | R49 |
| 10 | 1-3/8 | 16 | 9 | 9-1/4 | R53 |
| 12 | 1-3/8 | 20 | 9-3/4 | 10 | R57 |
| 14 | 1-1/2 | 20 | 10-1/2 | 11 | R62 |
| 16 | 1-5/8 | 20 | 11 | 11-1/2 | R66 |
| 18 | 1-7/8 | 20 | 12-3/4 | 13-1/4 | R70 |
| 20 | 2 | 20 | 13-1/2 | 14-1/4 | R74 |
| 24 | 2-1/2 | 20 | 17 | 18 | R78 |

ANSI 1500-LB FLANGES

| Nominal Pipe Size | Diameter of Studs | No. Of Studs | Stud Bolt Length | | Ring Joint Gasket No. |
|-------------------|-------------------|--------------|------------------|------------|-----------------------|
| | | | Raised Face | Ring Joint | |
| Inches | Inches | | Inches | Inches | |
| 1/2 | 3/4 | 4 | 4 | 4-1/4 | R12 |
| 3/4 | 3/4 | 4 | 4-1/4 | 4-1/2 | R14 |
| 1 | 7/8 | 4 | 4-3/4 | 5 | R16 |
| 1-1/4 | 7/8 | 4 | 5 | 5 | R18 |
| 1-1/2 | 1 | 4 | 5-1/4 | 5-1/2 | R20 |
| 2 | 7/8 | 8 | 5-1/2 | 5-3/4 | R24 |
| 2-1/2 | 1 | 8 | 6-1/4 | 6-1/4 | R27 |
| 3 | 1-1/8 | 8 | 6-3/4 | 7 | R35 |
| 4 | 1-1/4 | 8 | 7-1/2 | 7-3/4 | R39 |
| 5 | 1-1/2 | 8 | 9-3/4 | 9-3/4 | R44 |
| 6 | 1-3/8 | 12 | 10 | 10-1/2 | R46 |
| 8 | 1-5/8 | 12 | 11-1/4 | 11-3/4 | R50 |
| 10 | 1-7/8 | 12 | 13-1/4 | 13-1/2 | R54 |
| 12 | 2 | 16 | 14-3/4 | 15-1/4 | R58 |
| 14 | 2-1/4 | 16 | 16 | 16-3/4 | R63 |
| 16 | 2-1/2 | 16 | 17-1/2 | 18-1/2 | R67 |
| 18 | 2-3/4 | 16 | 19-1/4 | 20-1/4 | R71 |
| 20 | 3 | 16 | 21 | 22-1/4 | R75 |
| 24 | 3-1/2 | 16 | 24 | 25-1/2 | R79 |

ANSI 2500-LB FLANGES

| Nominal Pipe Size | Diameter of Studs | No. Of Studs | Stud Bolt Length | | Ring Joint Gasket No. |
|-------------------|-------------------|--------------|------------------|------------|-----------------------|
| | | | Raised Face | Ring Joint | |
| Inches | Inches | | Inches | Inches | |
| 1/2 | 3/4 | 4 | 4-3/4 | 4-3/4 | R13 |
| 3/4 | 3/4 | 4 | 4-3/4 | 5 | R16 |
| 1 | 7/8 | 4 | 5-1/4 | 5-1/2 | R18 |
| 1-1/4 | 1 | 4 | 6 | 6 | R21 |
| 1-1/2 | 1-1/8 | 4 | 6-1/2 | 6-3/4 | R23 |
| 2 | 1 | 8 | 6-3/4 | 7 | R26 |
| 2-1/2 | 1-1/8 | 8 | 7-3/4 | 8 | R28 |
| 3 | 1-1/4 | 8 | 8-1/2 | 9 | R32 |
| 4 | 1-1/2 | 8 | 9-3/4 | 10-1/4 | R38 |
| 5 | 1-3/4 | 8 | 11-3/4 | 12-1/4 | R42 |
| 6 | 2 | 8 | 13-1/2 | 14 | R47 |
| 8 | 2 | 12 | 15 | 15-1/2 | R51 |
| 10 | 2-1/2 | 12 | 19 | 20 | R55 |
| 12 | 2-3/4 | 12 | 21 | 22 | R60 |

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Bolting Dimensions
for ANSI Flanges all sizes as per ANSI B16.5-2025



ATP

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