



ADACONN®

ADAFLANGE™ ADAPTERS

The **ADAFLANGE™ ADAPTER (AF0)**, with its face seal, is generally supplied with the clamp type (thru-hole) flange (AS1). This combination adapts a flange port to a threaded connection using a minimum of space and joints.

ADAFLANGEPORT™ ADAPTERS

The **ADAFLANGEPORT™ ADAPTER (AFP)**, with its plain face, is generally supplied with the threaded type companion flange (BS1). This combination adapts a threaded connection to a flange connection using a minimum of space and joints.

Both the **ADAFLANGE™** and the **ADAFLANGEPORT™ ADAPTERS** can be supplied with either the clamp type or threaded type companion flanges, thereby giving you the greatest amount of flexibility in saving space and reducing joints.

Use of the **ADAFLANGE™** and **ADAFLANGEPORT™** together makes a great union.

ORDERING INFORMATION

AFO - K 12 - S 12 - 1.75 - S 1 - B - A S 1

**ADACONN®
ADAPTER TYPE**

AFO = ADAFLANGE™
AFP = ADAFLANGEPORT™

FLANGE HEAD DESIGN

K = SAE - J518 (CODE 61)
R = SAE - J518 (CODE 62)

FLANGE HEAD SIZE

08 = 1/2 24 = 1-1/2
12 = 3/4 32 = 2
16 = 1 40 = 2-1/2
20 = 1-1/4 48 = 3

MALE THREAD TYPE

F = 37° FLARE
S = SAE STRAIGHT O-RING STUD ENDS
T = ANSI B1.20.3 NPTF
P = PORT PLUG (NO THREAD EXTENSION)

MALE THREAD SIZE¹

| | | | |
|-----------------------|---------------|-----------------------|----------------|
| F & S TYPE | T TYPE | F & S TYPE | T TYPE |
| 08 = 3/4-16 | 1/2-14 | 20 = 1 5/8-12 | 1 1/4 - 11 1/2 |
| 10 = 7/8-14 | | 24 = 1 7/8-12 | 1 1/2-11 1/2 |
| 12 = 1 1/16-12 | 3/4-14 | 32 = 2 1/2-12 | 2-11 1/2 |
| 14 = 1 3/16-12 | | 40 = 3-12 | 2 1/2-8 |
| 16 = 1 5/16-12 | 1-11 1/2 | 48 = 3 1/2-12 | 3-8 |

¹Male Thread Size Can Not Normally Exceed Flange Head Size with the One-Piece SAE Flange. The Exceptions are the Flange Head Size 08 and 12 may have the F10 and F14 size respectively.

FLANGE FINISH

0 = PLAIN (NO FINISH) - STANDARD ON DUCTILE AND MALLEABLE IRON FLANGES
1 = ZINC CHROMATE - STANDARD ON STEEL FRAMES

FLANGE MATERIAL

D = DUCTILE IRON OR MALLEABLE IRON
S = STEEL

FLANGE TYPE

A = SAE - ONE-PIECE CLAMP TYPE
B = SAE - ONE-PIECE THREADED COMPANION TYPE

SEAL MATERIAL

(OMIT ON AFP WITH F or T THREAD)
B = BUNA N
V = VITON

ADAPTER FINISH

1 = ZINC CHROMATE

ADAPTER MATERIAL

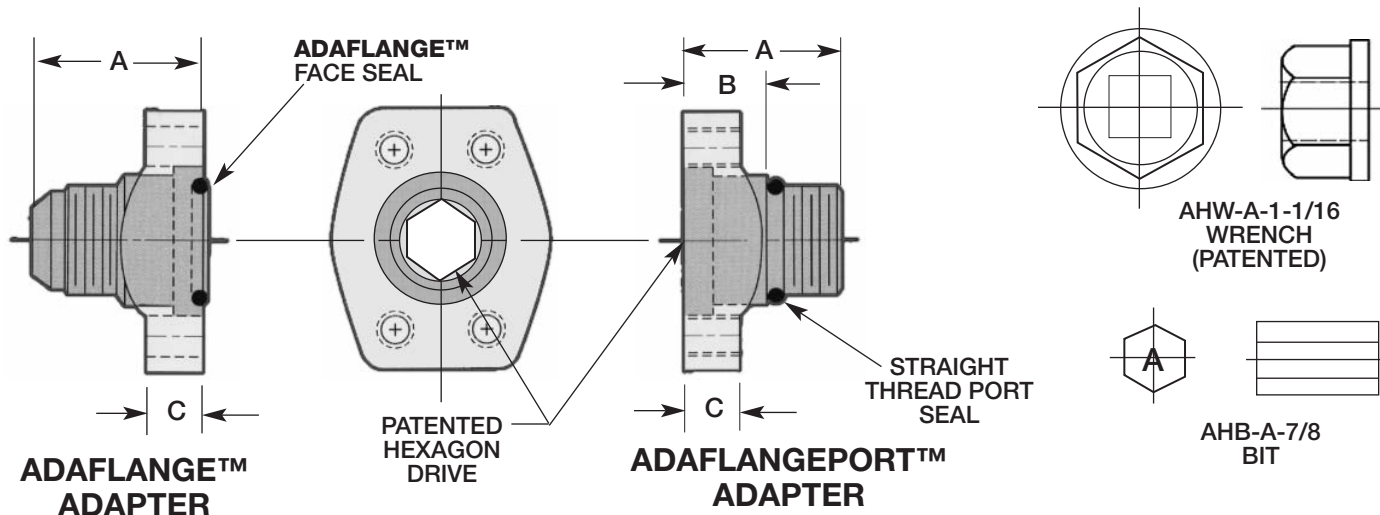
S = STEEL

ADAPTER LENGTH

1.75 = THE ACTUAL "A" LENGTH IN INCHES (OMIT FOR P TYPE)

ADACONN®
Blue Bell, Pa. 19422

**ADAFLANGE™
ADAFLANGEPORT™
CODE 61 & 62
FLANGE ADAPTERS**



ADAFLANGE™ and ADAFLANGEPORT™ ADAPTERS are available with 37° Flare, NPTF threads or SAE straight thread O-Ring stud ends. ISO “M” thread O-Ring stud ends, ORS, O-Ring face seal and British threads are also available.

ADAFLANGE™ and ADAFLANGEPORT™ ADAPTERS have hexagon drives in the head end to allow for center drive wrenching.

SAE CODE 61 FLANGE HEAD - DESIGN K

| FLANGE HEAD SIZE | STANDARD COMPACT LENGTH | | STANDARD EXTENDED LENGTH | | C | HEXAGON BOLT KIT (includes 4 hex bolts with lockwashers) | HEXAGON DRIVE SIZE | BIT or WRENCH NO. | BIT OR WRENCH DRIVE SIZE | O-RING SIZE NO. | |
|------------------|-------------------------|------|--------------------------|------|-----|--|--------------------|-------------------|--------------------------|-------------------|-------------------|
| | A | B | A | B | | | | | | FACE ² | PORT ¹ |
| 6108 | 1.50 | .94 | 2.25 | 1.69 | .50 | ABK-B4031-18x1.25/1.00* | 7/16 | AHB-A-7/16 | 7/16 Hex | 210 | 908 |
| 6112 | 1.75 | 1.02 | 2.38 | 1.65 | .56 | ABK-B4038-16x1.25 | 5/8 | AHB-A-5/8 | 5/8 Hex | 214 | 912 |
| 6116 | 1.88 | 1.15 | 2.50 | 1.77 | .62 | ABK-B4038-16x1.25 | 7/8 | AHB-A-7/8 | 7/8 Hex | 219 | 916 |
| 6120 | 2.00 | 1.27 | 2.88 | 2.15 | .56 | ABK-B4044-14x1.50/1.25* | 1-1/16 | AHW-A-1-1/16 | 1/2 Sqr. | 222 | 920 |
| 6124 | 2.13 | 1.40 | 3.00 | 2.27 | .62 | ABK-B4050-13x1.50 | 1-5/16 | AHW-A-1-5/16 | 1/2 Sqr. | 225 | 924 |
| 6132 | 2.38 | 1.65 | 3.25 | 2.52 | .62 | ABK-B4050-13x1.50 | 1-3/4 | AHW-A-1-3/4 | 3/4 Sqr. | 228 | 932 |
| 6140 | 2.75 | — | 3.75 | — | .75 | ABK-B4050-13x1.50 | 2-3/16 | AHW-A-2-3/16 | 3/4 Sqr. | 232 | — |
| 6148 | 3.00 | — | 4.00 | — | .88 | ABK-B4063-11x1.75/2.00* | 2-5/8 | AHW-A-2-5/8 | 3/4 Sqr. | 237 | — |

SAE CODE 62 FLANGE HEAD - DESIGN R

| FLANGE HEAD SIZE | STANDARD COMPACT LENGTH | | STANDARD EXTENDED LENGTH | | C | HEXAGON BOLT KIT (includes 4 hex bolts with lockwashers) | HEXAGON DRIVE SIZE | BIT or WRENCH NO. | BIT OR WRENCH DRIVE SIZE | O-RING SIZE NO. | |
|------------------|-------------------------|------|--------------------------|------|------|--|--------------------|-------------------|--------------------------|-------------------|-------------------|
| | A | B | A | B | | | | | | FACE ² | PORT ¹ |
| 6208 | 1.63 | 1.07 | 2.25 | 1.69 | .62 | ABK-B4031-18x1.25 | 7/16 | AHB-A-7/16 | 7/16 Hex | 210 | 908 |
| 6212 | 2.00 | 1.27 | 2.75 | 2.02 | .75 | ABK-B4038-16x1.50 | 5/8 | AHB-A-5/8 | 5/8 Hex | 214 | 912 |
| 6216 | 2.25 | 1.52 | 3.13 | 2.40 | .94 | ABK-B4044-14x1.75 | 7/8 | AHB-A-7/8 | 7/8 Hex | 219 | 916 |
| 6220 | 2.50 | 1.77 | 3.25 | 2.52 | 1.06 | ABK-B4050-13x1.75/2.00* | 1-1/16 | AHW-A-1-1/16 | 1/2 Sqr. | 222 | 920 |
| 6224 | 2.75 | 2.02 | 3.75 | 3.02 | 1.19 | ABK-B4063-11x2.25 | 1-5/16 | AHW-A-1-5/16 | 1/2 Sqr. | 225 | 924 |
| 6232 | 3.38 | 2.65 | 4.63 | 3.90 | 1.44 | ABK-B4075-10x2.75 | 1-3/4 | AHW-A-1-3/4 | 3/4 Sqr. | 228 | 932 |
| *6240 | 3.50 | — | 4.50 | — | 1.81 | ABK-B4088-9x3.25 | 2-3/16 | AHW-A-2-3/16 | 3/4 Sqr. | 232 | — |
| *6248 | 3.75 | — | 4.75 | — | 2.19 | ABK-B4112-7x4.00 | 2-5/8 | AHW-A-2-5/8 | 3/4 Sqr. | 237 | — |

1. For Male Thread Type S Only
 2. **ADAFLANGE™** Adapters have this seal

*NOT AN SAE STANDARD—PROVIDES BOLT ENGAGEMENT OF 1 1/2 TIMES NOMINAL BOLT DIAMETER FOR FASTENING TO INSERTA® STEEL MODULAR CONNECTORS.

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| ADACONN® Blue Bell, Pa. 19422 | ADAFLANGE™ ADAFLANGEPORT™ CODE 61 & 62 FLANGE ADAPTERS | |
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