

THREADED



**10-32 UNF
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**1/4-28 UNF
PG-58**

**1/4-28 UNF BOTTOM SEALING
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**METRIC - M6x1
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**CUSTOM THREADED FITTINGS
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VALUE PLASTICS THREAD SERIES

The X Thread

Value Plastics® X Series components have a tapered 10-32 thread that functions like a pipe thread. In comparison to standard 10-32 UNF threaded fittings, the tapered design works better with oversized ports and ports which are not perpendicular to the face of the component.

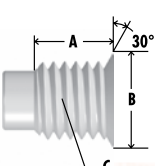
The 120 degree chamfer under the hex provides a seal when the fitting is tightened into a port with a countersink as shown below. It also seals on the thread due to interference on the pitch diameter. When using an elbow or tee, the tapered thread tightens radially and facilitates directional alignment of the barb.

Other Thread Series

K, B, C and D Series fittings, designed for use with 10-32 UNF ports, are straight-threaded components. These fittings seal against the 120 degree chamfer under the hex on the fitting and do not tighten radially as they are assembled. S Series fittings are straight threaded components for 1/4-28 UNF ports, M5 Series are for M5 x .8 ports and M6 Series are for M6 x 1 ports. Part numbers for fittings with pipe threads are noted below. Those for use with 1/16-27 NPT ports have part numbers prefixed with 16; those for 1/8-27 NPT ports have part numbers prefixed with 18; and those for 1/4-18 NPT ports have part numbers prefixed with 14.

The features shown below must be incorporated into the port when using our B, C, D, X, K, S, M5 and M6 Series fittings. Failure to do so will jeopardize the performance of the seal between the fitting and port. For applications in which this seal is highly critical, we recommend that you contact a sealant specialist.

When working with threaded parts, Value Plastics strongly recommends that you test sample parts in your application.



Value Plastics® Thread Series	Dimension A Thread Length	Clearance Needed to Achieve Chamfer Seal	Dimension B Countersink Diameter	Feature C Internal Screw Thread Series
X	.200"	.250"	210°-230°	10-32 UNF 2B
K, B, C, D	.156"	.200"	210°-230°	10-32 UNF 2B
S	.204"	.250"	270°-290°	1/4-28 UNF 2B
M5	.192"	.250"	210°-230°	M5 X .8
M6	.235"	.375"	270°-290°	M6 X 1

THREAD:**10-32 UNF, Special Tapered Thread****Material Suffix Key**

-1 White Nylon
-4 Green Nylon
-6 Natural Polypropylene
-9 Clear Polycarbonate

-10 Acetal
-5 Blue Nylon
-6005 Animal-Free Polypropylene
-9002 Radiation Stable Polycarbonate

-2 Black Nylon
-06 Orange Nylon
-8003 Natural ABS
-J1A Natural Kynar PVDF

-3 Red Nylon
-07 Yellow Nylon
-81 Lace White ABS

X210 (-1 -2 -3 -5 -6 -J1A)

10-32 Special Tapered Thread with 1/4" Hex to 200 Series Barb, 1/16" (1.6 mm) ID Tubing

**K210 (-1 -2 -3 -5 -6 -J1A)**

10-32 UNF Thread with 1/4" Hex to 200 Series Barb, 1/16" (1.6 mm) ID Tubing

**X410 (-1 -2 -6 -J1A)**

10-32 Special Tapered Thread with 1/4" Hex to 400 Series Barb, 1/16" (1.6 mm) ID Tubing

**K410 (-1 -2 -6 -J1A)**

10-32 UNF Thread with 1/4" Hex to 400 Series Barb, 1/16" (1.6 mm) ID Tubing

**X10 (-1 -2 -6 -J1A)**

10-32 Special Tapered Thread with 1/4" Hex to Classic Series Barb, 1/16" (1.6 mm) ID Tubing

**K10 (-1 -2 -6 -J1A)**

10-32 UNF Thread with 1/4" Hex to Classic Series Barb, 1/16" (1.6 mm) ID Tubing

**X220 (-1 -2 -3 -6 -J1A)**

10-32 Special Tapered Thread with 1/4" Hex to 200 Series Barb, 3/32" (2.4 mm) ID Tubing

**K220 (-1 -2 -6 -J1A)**

10-32 UNF Thread with 1/4" Hex to 200 Series Barb, 3/32" (2.4 mm) ID Tubing

**X420 (-1 -2 -6 -J1A)**

10-32 Special Tapered Thread with 1/4" Hex to 400 Series Barb, 3/32" (2.4 mm) ID Tubing

**K420 (-1 -2 -6 -J1A)**

10-32 UNF Thread with 1/4" Hex to 400 Series Barb, 3/32" (2.4 mm) ID Tubing

**D (-1 -2 -3 -4 -5 -6 -J1A)**

10-32 UNF Thread with 1/4" Hex to Classic Series Barb, 3/32" (2.4 mm) ID Tubing

**X230 (-1 -2 -3 -5 -6 -J1A)**

10-32 Special Tapered Thread with 1/4" Hex to 200 Series Barb, 1/8" (3.2 mm) ID Tubing

**K230 (-1 -2 -6 -J1A)**

10-32 UNF Thread with 1/4" Hex to 200 Series Barb, 1/8" (3.2 mm) ID Tubing

**X430 (-1 -2 -3 -6 -J1A)**

10-32 Special Tapered Thread with 1/4" Hex to 400 Series Barb, 1/8" (3.2 mm) ID Tubing

**K430 (-1 -2 -6 -J1A)**

10-32 UNF Thread with 1/4" Hex to 400 Series Barb, 1/8" (3.2 mm) ID Tubing

**B (-1 -2 -3 -4 -5 -6 -J1A)**

10-32 UNF Thread with 1/4" Hex to Classic Series Barb, 1/8" (3.2 mm) ID Tubing

**C (-1 -2 -3 -4 -5 -6 -J1A)**

10-32 UNF Thread with 1/4" Hex to Classic Series Barb, Short Neck, 1/8" (3.2 mm) ID Tubing

**K240 (-1 -2 -6 -J1A)**

10-32 UNF Thread with 1/4" Hex to 200 Series Barb, 5/32" (4.0 mm) ID Tubing

**X445 (-1 -2 -6 -J1A)**

10-32 Special Tapered Thread with 1/4" Hex to 400 Series Barb, .170" (4.3 mm) ID Tubing

**K445 (-1 -2 -6 -J1A)**

10-32 UNF Thread with 1/4" Hex to 400 Series Barb, .170" (4.3 mm) ID Tubing

**X240 (-1 -2 -6 -J1A)**

10-32 Special Tapered Thread with 1/4" Hex to 200 Series Barb, 5/32" (4.0 mm) ID Tubing



THREADED

THREAD:**10-32 UNF, Special Tapered Thread Elbow****Material Suffix Key**

-1 White Nylon

-4 Green Nylon

-6 Natural Polypropylene

-9 Clear Polycarbonate

-10 Acetal

-5 Blue Nylon

-6005 Animal-Free Polypropylene

-9002 Radiation Stable Polycarbonate

-2 Black Nylon

-06 Orange Nylon

-8003 Natural ABS

-J1A Natural Kynar PVDF

-3 Red Nylon

-07 Yellow Nylon

-81 Lace White ABS

XL210 (-1 -2 -6 -J1A)

10-32 Special Tapered Thread Elbow with 1/4" Hex to 200 Series Barb, 1/16" (1.6 mm) ID Tubing

**KL210 (-1 -2 -6 -J1A)**

10-32 UNF Thread Elbow with 1/4" Hex to 200 Series Barb, 1/16" (1.6 mm) ID Tubing

**XL410 (-1 -2 -6 -J1A)**

10-32 Special Tapered Thread Elbow with 1/4" Hex to 400 Series Barb, 1/16" (1.6 mm) ID Tubing

**KL410 (-1 -2 -6 -J1A)**

10-32 UNF Thread Elbow with 1/4" Hex to 400 Series Barb, 1/16" (1.6 mm) ID Tubing

**XL220 (-1 -2 -6 -J1A)**

10-32 Special Tapered Thread Elbow with 1/4" Hex to 200 Series Barb, 3/32" (2.4 mm) ID Tubing

**KL220 (-1 -2 -6 -J1A)**

10-32 UNF Thread Elbow with 1/4" Hex to 200 Series Barb, 3/32" (2.4 mm) ID Tubing

**XL420 (-1 -2 -6 -J1A)**

10-32 Special Tapered Thread Elbow with 1/4" Hex to 400 Series Barb, 3/32" (2.4 mm) ID Tubing

**XL420 (-1 -2 -6 -J1A)**

10-32 UNF Thread Elbow with 1/4" Hex to 400 Series Barb, 3/32" (2.4 mm) ID Tubing

**XL230 (-1 -2 -6 -J1A)**

10-32 Special Tapered Thread Elbow with 1/4" Hex to 200 Series Barb, 1/8" (3.2 mm) ID Tubing

**KL230 (-1 -2 -6 -J1A)**

10-32 UNF Thread Elbow with 1/4" Hex to 200 Series Barb, 1/8" (3.2 mm) ID Tubing

**XL430 (-1 -2 -6 -J1A)**

10-32 Special Tapered Thread Elbow with 1/4" Hex to 400 Series Barb, 1/8" (3.2 mm) ID Tubing

**KL430 (-1 -2 -6 -J1A)**

10-32 UNF Thread Elbow with 1/4" Hex to 400 Series Barb, 1/8" (3.2 mm) ID Tubing

**TECHNICAL ASSISTANCE**

Trying to choose the correct part? Need more material information than is published in this catalog? Call Value Plastics Technical Support for assistance at 970-267-5200.

THREAD:**10-32 UNF, Special Tapered Thread Tee****Material Suffix Key**

-1 White Nylon
 -4 Green Nylon
 -6 Natural Polypropylene
 -9 Clear Polycarbonate

-10 Acetal
 -5 Blue Nylon
 -6005 Animal-Free Polypropylene
 -9002 Radiation Stable Polycarbonate

-2 Black Nylon
 -06 Orange Nylon
 -8003 Natural ABS
 -J1A Natural Kynar PVDF

-3 Red Nylon
 -07 Yellow Nylon
 -81 Lace White ABS

XT210 (-1 -2 -6 -J1A)

10-32 Special Tapered Thread Tee with 1/4" Hex to 200 Series Barb, 1/16" (1.6 mm) ID Tubing

**KT210 (-1 -2 -6 -J1A)**

10-32 UNF Thread Tee with 1/4" Hex to 200 Series Barb, 1/16" (1.6 mm) ID Tubing

**XT410 (-1 -2 -6 -J1A)**

10-32 Special Tapered Thread Tee with 1/4" Hex to 400 Series Barb, 1/16" (1.6 mm) ID Tubing

**KT410 (-1 -2 -6 -J1A)**

10-32 UNF Thread Tee with 1/4" Hex to 400 Series Barb, 1/16" (1.6 mm) ID Tubing

**XT220 (-1 -2 -6 -J1A)**

10-32 Special Tapered Thread Tee with 1/4" Hex to 200 Series Barb, 3/32" (2.4 mm) ID Tubing

**KT220 (-1 -2 -6 -J1A)**

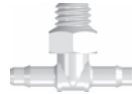
10-32 UNF Thread Tee with 1/4" Hex to 200 Series Barb, 3/32" (2.4 mm) ID Tubing

**XT420 (-1 -2 -6 -J1A)**

10-32 Special Tapered Thread Tee with 1/4" Hex to 400 Series Barb, 3/32" (2.4 mm) ID Tubing

**KT420 (-1 -2 -6 -J1A)**

10-32 UNF Thread Tee with 1/4" Hex to 400 Series Barb, 3/32" (2.4 mm) ID Tubing

**XT230 (-1 -2 -6 -J1A)**

10-32 Special Tapered Thread Tee with 1/4" Hex to 200 Series Barb, 1/8" (3.2 mm) ID Tubing

**KT230 (-1 -2 -6 -J1A)**

10-32 UNF Thread Tee with 1/4" Hex to 200 Series Barb, 1/8" (3.2 mm) ID Tubing

**XT430 (-1 -2 -6 -J1A)**

10-32 Special Tapered Thread Tee with 1/4" Hex to 400 Series Barb, 1/8" (3.2 mm) ID Tubing

**KT430 (-1 -2 -6 -J1A)**

10-32 UNF Thread Tee with 1/4" Hex to 400 Series Barb, 1/8" (3.2 mm) ID Tubing

**LINE DRAWINGS**

Value Plastics provides line drawings for all its fittings. For further information, visit our website at www.valueplastics.com.



our online ordering for component parts, now available 24 hours a day, 7 days a week, with no \$ minimums! You can find every catalog part at:

www.valueplastics.com

(Online ordering is not available in countries served by our regional partners)

THREAD:**10-32 UNF, Special Tapered Thread Couplers and Plugs****THREAD:****1/4-28 UNF****Material Suffix Key**

-1 White Nylon

-4 Green Nylon

-6 Natural Polypropylene

-9 Clear Polycarbonate

-10 Acetal

-5 Blue Nylon

-6005 Animal-Free Polypropylene

-9002 Radiation Stable Polycarbonate

-2 Black Nylon

-06 Orange Nylon

-8003 Natural ABS

-J1A Natural Kynar PVDF

-3 Red Nylon

-07 Yellow Nylon

-81 Lace White ABS

XN (-1 -2 -6 -J1A)

10-32 Special Tapered Thread Coupler with 1/4" Hex

**KN (-1 -2 -6 -J1A)**

10-32 UNF Thread Coupler with 1/4" Hex

**XP (-1 -2 -6 -J1A)**

10-32 Special Tapered Thread Plug with 1/4" Hex

**KP (-1 -2 -6 -J1A)**

10-32 UNF Thread Plug with 1/4" Hex

**S210 (-1 -2 -6 -J1A)**

1/4-28 UNF Thread with 5/16" Hex to 200 Series Barb, 1/16" (1.6 mm) ID Tubing

**S410 (-1 -2 -6 -J1A)**

1/4-28 UNF Thread with 5/16" Hex to 400 Series Barb, 1/16" (1.6 mm) ID Tubing

**S10 (-1 -2 -6 -J1A)**

1/4-28 UNF Thread with 5/16" Hex to Classic Series Barb, 1/16" (1.6 mm) ID Tubing

**S220 (-1 -2 -6 -J1A)**

1/4-28 UNF Thread with 5/16" Hex to 200 Series Barb, 3/32" (2.4 mm) ID Tubing

**S420 (-1 -2 -6 -J1A)**

1/4-28 UNF Thread with 5/16" Hex to 400 Series Barb, 3/32" (2.4 mm) ID Tubing

**S20 (-1 -2 -6 -J1A)**

1/4-28 UNF Thread with 5/16" Hex to Classic Series Barb, 3/32" (2.4 mm) ID Tubing

**S230 (-1 -2 -6 -J1A)**

1/4-28 UNF Thread with 5/16" Hex to 200 Series Barb, 1/8" (3.2 mm) ID Tubing

**S430 (-1 -2 -6 -J1A)**

1/4-28 UNF Thread with 5/16" Hex to 400 Series Barb, 1/8" (3.2 mm) ID Tubing

**LOOKING FOR SOMETHING DIFFERENT?**

Most of our best product ideas have come from you, our customers. While we pride ourselves on our extensive product offering, we recognize that your needs are ever-changing and that our products, too, must adapt to your new needs.

If there's a new product you think Value Plastics should make, drop an email to designcenter@valueplastics.com or fax 970-267-3578 to the attention of Design Center, describing your product concept in as much detail as you desire. We will contact you with any questions, and who knows — the next catalog edition could include products YOU told us to build!

See page 32 for more information on the Value Plastics Design Center.

**VALUE PLASTICS
DESIGN CENTER**

THREAD:
1/4-28 UNF

THREAD:
1/4-28 UNF Bottom Sealing

Material Suffix Key

-1 White Nylon
-4 Green Nylon
-6 Natural Polypropylene
-9 Clear Polycarbonate

-10 Acetal
-5 Blue Nylon
-6005 Animal-Free Polypropylene
-9002 Radiation Stable Polycarbonate

-2 Black Nylon
-06 Orange Nylon
-8003 Natural ABS
-J1A Natural Kynar PVDF

-3 Red Nylon
-07 Yellow Nylon
-81 Lace White ABS

S30 (-1 -2 -6 -J1A)

1/4-28 UNF Thread with 5/16" Hex to Classic Series Barb, 1/8" (3.2 mm) ID Tubing



S240 (-1 -2 -6 -J1A)

1/4-28 UNF Thread with 5/16" Hex to 200 Series Barb, 5/32" (4.0 mm) ID Tubing



S40 (-1 -2 -6 -J1A)

1/4-28 UNF Thread with 5/16" Hex to Classic Series Barb, 5/32" (4.0 mm) ID Tubing



S445 (-1 -2 -6 -J1A)

1/4-28 UNF Thread with 5/16" Hex to 400 Series Barb, .170" (4.3 mm) ID Tubing



S250 (-1 -2 -6 -J1A)

1/4-28 UNF Thread with 5/16" Hex to 200 Series Barb, 3/16" (4.8 mm) ID Tubing



S450 (-1 -2 -6 -J1A)

1/4-28 UNF Thread with 5/16" Hex to 400 Series Barb, 3/16" (4.8 mm) ID Tubing



S50 (-1 -2 -6 -J1A)

1/4-28 UNF Thread with 5/16" Hex to Classic Series Barb, 3/16" (4.8 mm) ID Tubing



SP (-1 -2 -6 -J1A)

1/4-28 UNF Thread Plug with 5/16" Hex



ABR002-J1A OVER (-J1A)

1/4-28 UNF Bottom Sealing Rotating Thread with 5/16" Hex to 500 Series Barb, 1/16" (1.6 mm) ID Tubing



ABR004-6 OVER (-1 -2 -3 -4 -5)

1/4-28 UNF Bottom Sealing Rotating Thread with 5/16" Hex to 500 Series Barb, 1/16" (1.6 mm) ID Tubing



Recommended torque:
Polypropylene - 1.5-2 in. lbs.
Kynar - 2-4 in. lbs.

ABR004-J1A OVER (-1 -2 -3 -4 -5 -J1A)

1/4-28 UNF Bottom Sealing Rotating Thread with 5/16" Hex to 500 Series Barb, 1/16" (1.6 mm) ID Tubing



Recommended torque:
Polypropylene - 1.5-2 in. lbs.
Kynar - 2-4 in. lbs.

ABR007-6 OVER (-1 -2 -3 -4 -5)

1/4-28 UNF Bottom Sealing Rotating Thread with 5/16" Hex to 500 Series Barb, 3/32" (2.4 mm) ID Tubing



Recommended torque:
Polypropylene - 1.5-2 in. lbs.
Kynar - 2-4 in. lbs.

ABR007-J1A OVER (-1 -2 -3 -4 -5 -J1A)

1/4-28 UNF Bottom Sealing Rotating Thread with 5/16" Hex to 500 Series Barb, 3/32" (2.4 mm) ID Tubing



Recommended torque:
Polypropylene - 1.5-2 in. lbs.
Kynar - 2-4 in. lbs.

ABR013-6 OVER (-1 -2 -3 -4 -5)

1/4-28 UNF Bottom Sealing Rotating Thread with 5/16" Hex to 500 Series Barb, 1/8" (3.2 mm) ID Tubing



Recommended torque:
Polypropylene - 1.5-2 in. lbs.
Kynar - 2-4 in. lbs.

ABR013-J1A OVER (-1 -2 -3 -4 -5 -J1A)

1/4-28 UNF Bottom Sealing Rotating Thread with 5/16" Hex to 500 Series Barb, 1/8" (3.2 mm) ID Tubing



Recommended torque:
Polypropylene - 1.5-2 in. lbs.
Kynar - 2-4 in. lbs.

TECS116 (-6 -J1A)

1/4-28 UNF Bottom Sealing Thread Tube End Coupler with 5/16" Hex, 1/16" (1.6 mm) OD Tubing



TECS118 (-6 -J1A)

1/4-28 UNF Bottom Sealing Thread Tube End Coupler with 5/16" Hex, 1/8" (3.2 mm) OD Tubing



THREADED

THREAD:
M6x1

THREAD:
M6x1

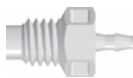
Material Suffix Key

-1 White Nylon
-4 Green Nylon
-6 Natural Polypropylene
-9 Clear Polycarbonate
-10 Acetal
-5 Blue Nylon
-6005 Animal-Free Polypropylene
-9002 Radiation Stable Polycarbonate

-2 Black Nylon
-06 Orange Nylon
-8003 Natural ABS
-J1A Natural Kynar PVDF
-3 Red Nylon
-07 Yellow Nylon
-81 Lace White ABS

M6210 (-1 -2 -6)

M6x1 Thread with 5/16" Hex to 200 Series Barb, 1/16" (1.6 mm) ID Tubing



M6250 (-1 -2 -6 -J1A)

M6x1 Thread with 5/16" Hex to 200 Series Barb, 3/16" (4.8 mm) ID Tubing



M6410 (-1 -2 -6 -J1A)

M6x1 Thread with 5/16" Hex to 400 Series Barb, 1/16" (1.6 mm) ID Tubing



M6450 (-1 -2 -6 -J1A)

M6x1 Thread with 5/16" Hex to 400 Series Barb, 3/16" (4.8 mm) ID Tubing



M6220 (-1 -2 -6 -J1A)

M6x1 Thread with 5/16" Hex to 200 Series Barb, 3/32" (2.4 mm) ID Tubing



M6P (-1 -2 -6 -J1A)

M6x1 Thread Plug with 5/16" Hex



M6420 (-1 -2 -6 -J1A)

M6x1 Thread with 5/16" Hex to 400 Series Barb, 3/32" (2.4 mm) ID Tubing



THREAD:
M5x.8

M5210 (-1 -2 -6)

M5x.8 Thread with 1/4" Hex to 200 Series Barb, 1/16" (1.6 mm) ID Tubing



M6230 (-1 -2 -6 -J1A)

M6x1 Thread with 5/16" Hex to 200 Series Barb, 1/8" (3.2 mm) ID Tubing



M5220 (-1 -2 -6)

M5x.8 Thread with 1/4" Hex to 200 Series Barb, 3/32" (2.4 mm) ID Tubing



M6430 (-1 -2 -6 -J1A)

M6x1 Thread with 5/16" Hex to 400 Series Barb, 1/8" (3.2 mm) ID Tubing



M5230 (-1 -2 -6)

M5x.8 Thread with 1/4" Hex to 200 Series Barb, 1/8" (3.2 mm) ID Tubing



M6240 (-1 -2 -6 -J1A)

M6x1 Thread with 5/16" Hex to 200 Series Barb, 5/32" (4.0 mm) ID Tubing



M5240 (-1 -2 -6)

M5x.8 Thread with 1/4" Hex to 200 Series Barb, 5/32" (4.0 mm) ID Tubing



M6445 (-1 -2 -6 -J1A)

M6x1 Thread with 5/16" Hex to 400 Series Barb, .170" (4.3 mm) ID Tubing



TECHNICAL ASSISTANCE

Trying to choose the correct part? Need more material information than is published in this catalog? Call Value Plastics Technical Support for assistance at 970-267-5200.

Material Suffix Key

-1 White Nylon
 -4 Green Nylon
 -6 Natural Polypropylene
 -9 Clear Polycarbonate

-10 Acetal
 -5 Blue Nylon
 -6005 Animal-Free Polypropylene
 -9002 Radiation Stable Polycarbonate

-2 Black Nylon
 -06 Orange Nylon
 -8003 Natural ABS
 -J1A Natural Kynar PVDF

-3 Red Nylon
 -07 Yellow Nylon
 -81 Lace White ABS

16210 (-1 -2 -6 -J1A)

1/16-27 NPT Thread with 5/16" Hex to 200 Series Barb, 1/16" (1.6 mm) ID Tubing


16410 (-1 -2 -6 -J1A)

1/16-27 NPT Thread with 5/16" Hex to 400 Series Barb, 1/16" (1.6 mm) ID Tubing


1610 (-1 -2 -6 -J1A)

1/16-27 NPT Thread with 5/16" Hex to Classic Series Barb, 1/16" (1.6 mm) ID Tubing


16220 (-1 -2 -6 -J1A)

1/16-27 NPT Thread with 5/16" Hex to 200 Series Barb, 3/32" (2.4 mm) ID Tubing


16420 (-1 -2 -6 -J1A)

1/16-27 NPT Thread with 5/16" Hex to 400 Series Barb, 3/32" (2.4 mm) ID Tubing


1620 (-1 -2 -6 -J1A)

1/16-27 NPT Thread with 5/16" Hex to Classic Series Barb, 3/32" (2.4 mm) ID Tubing


16230 (-1 -2 -6 -J1A)

1/16-27 NPT Thread with 5/16" Hex to 200 Series Barb, 1/8" (3.2 mm) ID Tubing


16430 (-1 -2 -6 -J1A)

1/16-27 NPT Thread with 5/16" Hex to 400 Series Barb, 1/8" (3.2 mm) ID Tubing


1630 (-1 -2 -6 -J1A)

1/16-27 NPT Thread with 5/16" Hex to Classic Series Barb, 1/8" (3.2 mm) ID Tubing


16240 (-1 -2 -6 -J1A)

1/16-27 NPT Thread with 5/16" Hex to 200 Series Barb, 5/32" (4.0 mm) ID Tubing


1640 (-1 -2 -6 -J1A)

1/16-27 NPT Thread with 5/16" Hex to Classic Series Barb, 5/32" (4.0 mm) ID Tubing


16445 (-1 -2 -6 -J1A)

1/16-27 NPT Thread with 5/16" Hex to 400 Series Barb, .170" (4.3 mm) ID Tubing


16250 (-1 -2 -6 -J1A)

1/16-27 NPT Thread with 5/16" Hex to 200 Series Barb, 3/16" (4.8 mm) ID Tubing


16450 (-1 -2 -6 -J1A)

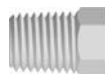
1/16-27 NPT Thread with 5/16" Hex to 400 Series Barb, 3/16" (4.8 mm) ID Tubing


1650 (-1 -2 -6 -J1A)

1/16-27 NPT Thread with 5/16" Hex to Classic Series Barb, 3/16" (4.8 mm) ID Tubing


1600 (-1 -2 -6 -J1A)

1/16-27 NPT Thread Plug with 5/16" Hex



Material Suffix Key

-1 White Nylon	-10 Acetal	-2 Black Nylon	-3 Red Nylon
-4 Green Nylon	-5 Blue Nylon	-06 Orange Nylon	-07 Yellow Nylon
-6 Natural Polypropylene	-6005 Animal-Free Polypropylene	-8003 Natural ABS	-81 Lace White ABS
-9 Clear Polycarbonate	-9002 Radiation Stable Polycarbonate	-J1A Natural Kynar PVDF	

18210 (-1 -2 -6 -J1A)

1/8-27 NPT Thread with 7/16" Hex to 200 Series Barb, 1/16" (1.6 mm) ID Tubing

**18430 (-1 -2 -6 -J1A)**

1/8-27 NPT Thread with 7/16" Hex to 400 Series Barb, 1/8" (3.2 mm) ID Tubing

**18410 (-1 -2 -6 -J1A)**

1/8-27 NPT Thread with 7/16" Hex to 400 Series Barb, 1/16" (1.6 mm) ID Tubing

**1830 (-1 -2 -6 -J1A)**

1/8-27 NPT Thread with 7/16" Hex to Classic Series Barb, 1/8" (3.2 mm) ID Tubing

**1810 (-1 -2 -6 -65 -J1A)**

1/8-27 NPT Thread with 7/16" Hex to Classic Series Barb, 1/16" (1.6 mm) ID Tubing

**18240 (-1 -2 -6 -J1A)**

1/8-27 NPT Thread with 7/16" Hex to 200 Series Barb, 5/32" (4.0 mm) ID Tubing

**18220 (-1 -2 -6 -J1A)**

1/8-27 NPT Thread with 7/16" Hex to 200 Series Barb, 3/32" (2.4 mm) ID Tubing

**1840 (-1 -2 -6 -J1A)**

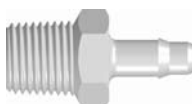
1/8-27 NPT Thread with 7/16" Hex to Classic Series Barb, 5/32" (4.0 mm) ID Tubing

**18420 (-1 -2 -6 -J1A)**

1/8-27 NPT Thread with 7/16" Hex to 400 Series Barb, 3/32" (2.4 mm) ID Tubing

**18445 (-1 -2 -6 -J1A)**

1/8-27 NPT Thread with 7/16" Hex to 400 Series Barb, .170" (4.3 mm) ID Tubing

**1820 (-1 -2 -6 -63* -J1A)**

1/8-27 NPT Thread with 7/16" Hex to Classic Series Barb, 3/32" (2.4 mm) ID Tubing



*Red Polypropylene

1850 (-1 -2 -6 -J1A)

1/8-27 NPT Thread with 7/16" Hex to Classic Series Barb, 3/16" (4.8 mm) ID Tubing

**18230 (-1 -2 -6 -J1A)**

1/8-27 NPT Thread with 7/16" Hex to 200 Series Barb, 1/8" (3.2 mm) ID Tubing

**1860 (-1 -2 -6 -J1A)**

1/8-27 NPT Thread with 7/16" Hex to Classic Series Barb, 1/4" (6.4 mm) ID Tubing



THREAD:**1/8-27 NPT Elbow, & Tees****THREAD:****1/8-27 NPT Plugs & Reducers****Material Suffix Key**

-1 White Nylon
 -4 Green Nylon
 -6 Natural Polypropylene
 -9 Clear Polycarbonate

-10 Acetal
 -5 Blue Nylon
 -6005 Animal-Free Polypropylene
 -9002 Radiation Stable Polycarbonate

-2 Black Nylon
 -06 Orange Nylon
 -8003 Natural ABS
 -J1A Natural Kynar PVDF

-3 Red Nylon
 -07 Yellow Nylon
 -81 Lace White ABS

18L230 (-1 -2 -6 -J1A)

1/8-27 NPT Thread Elbow with 7/16" Hex to 200 Series Barb, 1/8" (3.2 mm) ID Tubing

**18L250 (-1 -2 -6 -J1A)**

1/8-27 NPT Thread Elbow with 7/16" Hex to 200 Series Barb, 3/16" (4.8 mm) ID Tubing

**18L260 (-1 -2 -6 -J1A)**

1/8-27 NPT Thread Elbow with 7/16" Hex to 200 Series Barb, 1/4" (6.4 mm) ID Tubing

**18T250 (-1 -2 -6 -J1A)**

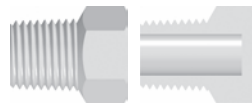
1/8-27 NPT Thread Tee with 7/16" Hex to 200 Series Barb, 3/16" (4.8 mm) ID Tubing

**18T260 (-1 -2 -6 -J1A)**

1/8-27 NPT Thread Tee with 7/16" Hex to 200 Series Barb, 1/4" (6.4 mm) ID Tubing

**1800 (-1 -2 -6 -J1A)**

1/8-27 NPT Thread Plug with 7/16" Hex

**1801 (-1 -2 -6 -J1A)**

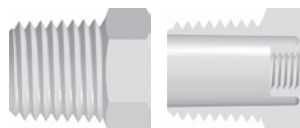
Reducer with 1/8-27 NPT Male Thread and 7/16" Hex to 10-32 UNF Female Thread

**1802 (-1 -2 -6 -J1A)**

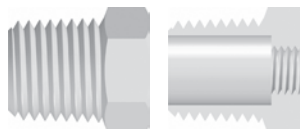
Reducer with 1/8-27 NPT Male Thread and 7/16" Hex to 1/4-28 UNF Female Thread

**THREAD:****1/4-18 NPT****1401 (-1 -2 -6 -J1A)**

Reducer with 1/4-18 NPT Male Thread and 9/16" Hex to 10-32 UNF Female Thread

**1402 (-1 -2 -6 -J1A)**

Reducer with 1/4-18 NPT Male Thread and 9/16" Hex to 1/4-28 UNF Female Thread

**LINE DRAWINGS**

Value Plastics provides line drawings for all its fittings. For further information, visit our website at www.valueplastics.com.

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