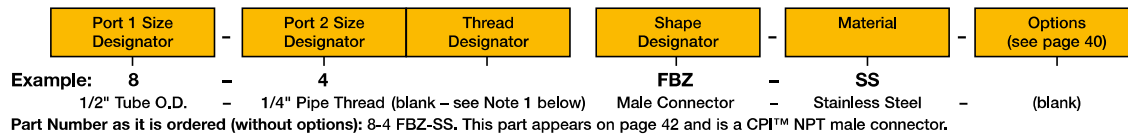


CPI™ /A-LOK® Tube Fittings

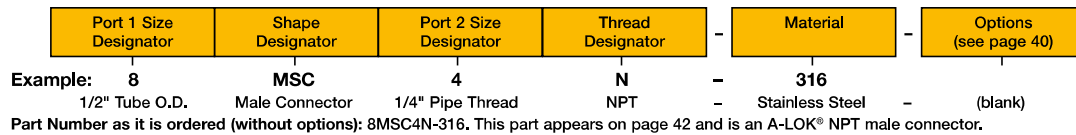
Nomenclature/How to Order

Parker CPI™/A-LOK® tube fitting part numbers are constructed using alphanumeric characters to identify the size, style and material of the fitting.

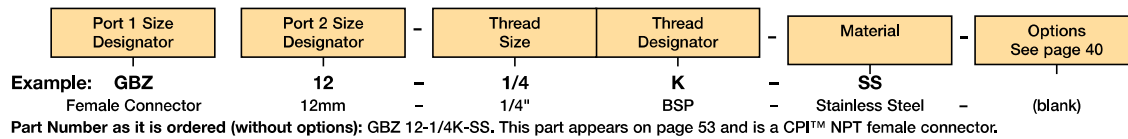
CPI™ Inch Parts



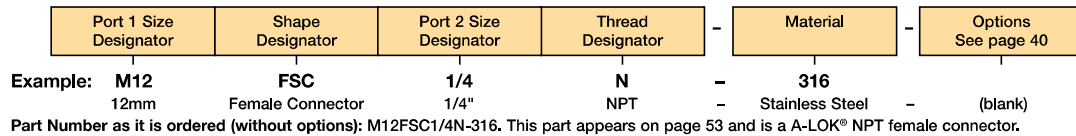
A-LOK® Inch Parts



CPI™ Metric Parts



A-LOK® Metric Parts



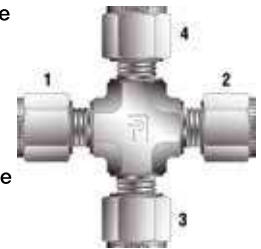
Body Designator: A letter or combination of letters and numbers are used to designate the type of fitting. See the visual index on pages 36 and 37 for body designator.

Fractional Size: Tube and pipe thread sizes are designed by the number of sixteenths of an inch (1/2" tube = 8/16" = 8) (1/4" pipe thread = 4/16" = 4).

Metric Size: Metric tube is designated in millimeters and prefixed "M" (i.e., 12mm tube – M12). The pipe thread size is written as a fraction (i.e., 1/4 NPT = 1/4).

All Straights & Elbows: Call out largest CPI™/A-LOK® tube end size first followed by the smaller CPI™/A-LOK® tube end or pipe thread size.

Fractional Tees & Crosses: For drop size tees – first size the run (1 to 2) and then branch (3). Example – the size designator for a male run tee for 3/8" O.D. tube and 1/4" male pipe thread would be 6-4-6. For crosses – first size the run (1 to 2) and then the branch (3 to 4). For tees with all ends the same, use the tube and size before and after the style designator; i.e. 4-4-4 JBZ (CPI™), 4ET4 (A-LOK®).



Metric Tees & Crosses: For drop size tees – first size the run (1 to 2) and then branch (3). Example – the size designator for a male run tee for 6mm tube and 1/4" male pipe thread would be 6-4-6. For crosses – first size the run (1 to 2) and then the branch (3 to 4). For tees with all ends the same, use the tube end size after the style designator; i.e. JBZ 4-4-4 JBZ (CPI™), ETM4 (A-LOK®).

Material: See Table 1 on the previous page for the material symbol.

Thread Types:

N = NPT ⁽¹⁾ /National Pipe Taper	ANSI B1.20.1
K = BSP/ISO Taper	BS21, ISO7/1
R = BSP/ISO Parallel	BS2779, ISO 228/1+2, DIN 3852 FORM A ⁽²⁾
BR = BSP/ISO Parallel	BS2779, ISO 228/1+2, DIN 3852 FORM B ⁽³⁾
M = Metric Thread	ISO 6149-2
R-ED = BSPP/ISO Parallel	BS2779, ISO 228/1+2, DIN 3852 with elastic sealing washer ⁽⁴⁾
GC = BSPP Gauge Connector	B2779, ISO 228/1+2, DIN 3852

- (1) N thread designator is only used for A-LOK® nomenclature.
- (2) Form A requires the use of a bonded washer. See page 105 of this catalog.
- (3) Form B (cutting face) may be used with or without a sealing washer.
- (4) ED fittings are supplied with Nitrile sealing washers as standard. Fluorocarbon seals are available upon request.

Special Fittings: Consult the factory. If there is any question as to the fitting desired, particularly for special fitting configurations, it is suggested that a customer print be submitted.

Special Options: See the following page for available options.