



# FMSI EDELMANN FITTINGS

PROBLEM SOLVING AUTOMOTIVE HARDWARE

*The Official Guide Book*  
**TUBE NUTS**







# FMSI EDELMANN FITTINGS





## THE OFFICIAL TUBE NUT GUIDE

STANDARD INVERT FLARE & SHORT FEMALE TUBE NUTS


### STANDARD INVERT FLARE TUBE NUTS

<b>Part #</b> <b>3597</b>   <p><b>Tube:</b> 1/8"  <b>Thread:</b> 5/16" - 28  <b>Hex:</b> 5/16"  <b>Length:</b> 0.52"  <b>Seat:</b> Invert</p>	<b>Part #</b> <b>3000</b>   <p><b>Tube:</b> 3/16"  <b>Thread:</b> 3/8" - 24  <b>Hex:</b> 3/8"  <b>Length:</b> 0.58"  <b>Seat:</b> Invert</p>	<b>Part #</b> <b>3001</b>   <p><b>Tube:</b> 3/16"  <b>Thread:</b> 3/8" - 24  <b>Hex:</b> 3/8"  <b>Length:</b> 0.82"  <b>Seat:</b> Invert  <b>Style:</b> Long</p>	<b>Part #</b> <b>3441</b>   <p><b>Tube:</b> 3/16"  <b>Thread:</b> 3/8" - 24  <b>Hex:</b> 9/16"  <b>Length:</b> 0.58"  <b>Seat:</b> Invert</p>
121002	121003	121030	-
BLF-12		BLF-10	


### STANDARD INVERT FLARE TUBE NUTS

<b>Part #</b> <b>3424</b>   <p><b>Tube:</b> 3/16"  <b>Thread:</b> 3/8" - 24  <b>Hex:</b> 7/16"  <b>Length:</b> 0.58"  <b>Seat:</b> Invert</p>	<b>Part #</b> <b>3003</b>   <p><b>Tube:</b> 1/4"  <b>Thread:</b> 7/16" - 24  <b>Hex:</b> 7/16"  <b>Length:</b> 0.57"  <b>Seat:</b> Invert</p>	<b>Part #</b> <b>3004</b>   <p><b>Tube:</b> 1/4"  <b>Thread:</b> 7/16" - 24  <b>Hex:</b> 7/16"  <b>Length:</b> 0.82"  <b>Seat:</b> Invert  <b>Style:</b> Long</p>	<b>Part #</b> <b>3415</b>   <p><b>Tube:</b> 1/4"  <b>Thread:</b> 7/16" - 24  <b>Hex:</b> 9/16"  <b>Length:</b> 0.58"  <b>Seat:</b> Invert</p>
-	121004	121040	-
	BLF-13	BLF-16	



### STANDARD INVERT FLARE TUBE NUTS

<b>Part #</b> <b>3006</b>   <p><b>Tube:</b> 5/16"  <b>Thread:</b> 1/2" - 20  <b>Hex:</b> 1/2"  <b>Length:</b> 0.63"  <b>Seat:</b> Invert</p>	<b>Part #</b> <b>3015</b>   <p><b>Tube:</b> 3/8"  <b>Thread:</b> 5/8" - 18  <b>Hex:</b> 5/8"  <b>Length:</b> 0.67"  <b>Seat:</b> Invert</p>	<b>Part #</b> <b>3442</b>   <p><b>Tube:</b> 3/8"  <b>Thread:</b> 5/8" - 18  <b>Hex:</b> 5/8"  <b>Length:</b> 0.79"  <b>Seat:</b> Invert  <b>Style:</b> Long</p>	<b>Part #</b> <b>3016</b>   <p><b>Tube:</b> 1/2"  <b>Thread:</b> 3/4" - 18  <b>Hex:</b> 3/4"  <b>Length:</b> 0.74"  <b>Seat:</b> Invert</p>
121005	121006		-
BLF-14	BLF-15	PSR-013	

### STANDARD INVERT FLARE TUBE NUTS

<b>Part #</b> <b>3399</b>   <p><b>Tube:</b> 7/16"  <b>Thread:</b> 11/16" - 18  <b>Hex:</b> 11/16"  <b>Length:</b> 0.67"  <b>Seat:</b> Invert</p>
-

### STANDARD FEMALE INVERT FLARE TUBE NUTS

<b>Part #</b> <b>3489</b>   <p><b>Tube:</b> 5/16"  <b>Thread:</b> 1/2" - 20  <b>Hex:</b> 5/8"  <b>Length:</b> 0.56"  <b>Seat:</b> Invert</p>	<b>Part #</b> <b>6808</b>   <p><b>Tube:</b> 3/8"  <b>Thread:</b> 5/8" - 18  <b>Hex:</b> 5/8"  <b>Length:</b> 0.50"  <b>Seat:</b> Invert</p>
-	-





# FMSI EDELMANN FITTINGS

## THE OFFICIAL TUBE NUT GUIDE



SHORT FEMALE INVERT FLARE & BRASS TUBE NUTS







### SHORT FEMALE INVERT FLARE TUBE NUTS

<b>Part #</b> <b>41S-2</b>	-	<b>Part #</b> <b>41S-3</b>	141030	<b>Part #</b> <b>41S-4</b>	141040	<b>Part #</b> <b>41S-5</b>	141050
 <p> <b>Tube:</b> 1/8"  <b>Thread:</b> 5/16" - 28  <b>Hex:</b>  <b>Length:</b> 1/2"  <b>Seat:</b>  <b>Style:</b> Short Female                 </p>		 <p> <b>Tube:</b> 3/16"  <b>Thread:</b> 3/8" - 24  <b>Hex:</b>  <b>Length:</b>  <b>Seat:</b>  <b>Style:</b> Short Female                 </p>		 <p> <b>Tube:</b> 1/4"  <b>Thread:</b> 7/16" - 24  <b>Hex:</b>  <b>Length:</b>  <b>Seat:</b>  <b>Style:</b> Short Female                 </p>		 <p> <b>Tube:</b> 5/16"  <b>Thread:</b> 1/2" - 20  <b>Hex:</b>  <b>Length:</b>  <b>Seat:</b>  <b>Style:</b> Short Female                 </p>	

### SHORT FEMALE INVERT FLARE TUBE NUTS





<b>Part #</b> <b>41S-6</b>	141060	<b>Part #</b> <b>41S-8</b>	141080		-
 <p> <b>Tube:</b> 3/8"  <b>Thread:</b> 5/8" - 18  <b>Hex:</b>  <b>Length:</b>  <b>Seat:</b>  <b>Style:</b> Short Female                 </p>		 <p> <b>Tube:</b> 1/2"  <b>Thread:</b> 3/4" - 16  <b>Hex:</b>  <b>Length:</b>  <b>Seat:</b>  <b>Style:</b> Short Female                 </p>			

### BRASS INVERT FLARE TUBE NUTS

<b>Part #</b> <b>141-2</b>	-	<b>Part #</b> <b>141-3</b>	121300	<b>Part #</b> <b>141-4</b>	121400	<b>Part #</b> <b>141-5</b>	121500
 <p> <b>Tube:</b> 1/8"  <b>Thread:</b> 5/16" - 28  <b>Hex:</b> 5/16"  <b>Length:</b> 0.53"  <b>Seat:</b> Invert                 </p>		 <p> <b>Tube:</b> 3/16"  <b>Thread:</b> 3/8" - 24  <b>Hex:</b>  <b>Length:</b>  <b>Seat:</b> Invert                 </p>	BLF-64	 <p> <b>Tube:</b> 1/4"  <b>Thread:</b> 7/16" - 24  <b>Hex:</b>  <b>Length:</b>  <b>Seat:</b> Invert                 </p>	BLF-65	 <p> <b>Tube:</b> 5/16"  <b>Thread:</b> 1/2" - 20  <b>Hex:</b>  <b>Length:</b>  <b>Seat:</b> Invert                 </p>	

### BRASS INVERT FLARE TUBE NUTS

### STANDARD OVERSIZED INVERT FLARE TUBE NUTS

<b>Part #</b> <b>141-6</b>	121600	<b>Part #</b> <b>141-8</b>	121800	<b>Part #</b> <b>3022</b>	121034	<b>Part #</b> <b>3023</b>	121072
 <p> <b>Tube:</b> 3/8"  <b>Thread:</b> 5/8" - 18  <b>Hex:</b>  <b>Length:</b>  <b>Seat:</b> Invert                 </p>		 <p> <b>Tube:</b> 1/2"  <b>Thread:</b> 3/4" - 16  <b>Hex:</b>  <b>Length:</b>  <b>Seat:</b> Invert                 </p>		 <p> <b>Tube:</b> 3/16"  <b>Thread:</b> 7/16" - 24  <b>Hex:</b> 7/16"  <b>Length:</b> 0.57"  <b>Seat:</b> Invert  <b>Style:</b> Oversized                 </p>	BLF-11	 <p> <b>Tube:</b> 3/16"  <b>Thread:</b> 1/2" - 20  <b>Hex:</b> 1/2"  <b>Length:</b> 0.62"  <b>Seat:</b> Invert  <b>Style:</b> Oversized                 </p>	BLF-41







# FMSI EDELMANN FITTINGS

## THE OFFICIAL TUBE NUT GUIDE





STANDARD OVERSIZE & METRIC INVERT FLARE

### STANDARD OVERSIZED INVERT FLARE TUBE NUTS





<b>Part #</b> <b>3024</b>	<b>Part #</b> <b>3025</b>	<b>Part #</b> <b>3026</b>	<b>Part #</b> <b>3439</b>
121039	-	121045	-
 <b>Tube:</b> 3/16" <b>Thread:</b> 9/16" - 18 <b>Hex:</b> 5/8" <b>Length:</b> 0.66" <b>Seat:</b> Invert <b>Style:</b> Oversized <small>BLF-42</small>	 <b>Tube:</b> 1/4" <b>Thread:</b> 9/16" - 18 <b>Hex:</b> 9/16" <b>Length:</b> 0.62" <b>Seat:</b> Invert <b>Style:</b> Oversized <small>BLF-43</small>	 <b>Tube:</b> 1/4" <b>Thread:</b> 1/2" - 20 <b>Hex:</b> 1/2" <b>Length:</b> 0.63" <b>Seat:</b> Invert <b>Style:</b> Oversized <small>BLF-44</small>	 <b>Tube:</b> 3/16" <b>Thread:</b> 1/2" - 20 <b>Hex:</b> 1/2" <b>Length:</b> 0.62" <b>Seat:</b> Invert <b>Style:</b> Oversized

### STANDARD OVERSIZED INVERT FLARE TUBE NUTS





### METRIC INVERT

<b>Part #</b> <b>3462</b>	<b>Part #</b> <b>3494</b>	<b>Part #</b> <b>6810</b>	<b>Part #</b> <b>6811</b>
121049	-	-	-
 <b>Tube:</b> 1/4" <b>Thread:</b> 9/16" - 18 <b>Hex:</b> 5/8" <b>Length:</b> 0.78" <b>Seat:</b> Invert <b>Style:</b> Oversized	 <b>Tube:</b> 3/16" <b>Thread:</b> 1/2" - 20 <b>Hex:</b> 9/16" <b>Length:</b> 0.75" <b>Seat:</b> Invert <b>Style:</b> Oversized Lg	 <b>Tube:</b> 3/16" <b>Thread:</b> 9/16" - 20 <b>Hex:</b> 9/16" <b>Length:</b> 0.758" <b>Seat:</b> Invert <b>Style:</b> Oversized Lg	 <b>Tube:</b> 3/16" <b>Thread:</b> M9 - 1.25 <b>Hex:</b> M10 <b>Length:</b> 20.2mm <b>Seat:</b> Invert

### METRIC INVERT FLARE TUBE NUTS

<b>Part #</b> <b>3043</b>	<b>Part #</b> <b>3417</b>	<b>Part #</b> <b>3449</b>	<b>Part #</b> <b>3409</b>
121071	121050	-	-
 <b>Tube:</b> 3/16" <b>Thread:</b> M10 - 1.0 <b>Hex:</b> M10 <b>Length:</b> 16.3mm <b>Seat:</b> Invert <b>Style:</b> Japanese	 <b>Tube:</b> 3/16" <b>Thread:</b> M10 - 1.0 <b>Hex:</b> 7/16" <b>Length:</b> 20mm <b>Seat:</b> Invert <b>Style:</b> Toyota/GM Lg	 <b>Tube:</b> 3/16" <b>Thread:</b> M10 - 1.0 <b>Hex:</b> M10 <b>Length:</b> 18.2mm <b>Seat:</b> Invert <b>Style:</b> OE Toyota	 <b>Tube:</b> 3/16" <b>Thread:</b> M11 - 1.5 <b>Hex:</b> M12 <b>Length:</b> 17.6mm <b>Seat:</b> Invert <b>Style:</b> Dom/Japanese

### METRIC INVERT FLARE TUBE NUTS

<b>Part #</b> <b>3407</b>	<b>Part #</b> <b>3413</b>	<b>Part #</b> <b>3496</b>	<b>Part #</b> <b>3495</b>
121074	121074	-	-
 <b>Tube:</b> 3/16" <b>Thread:</b> M12 - 1.0 <b>Hex:</b> M14 <b>Length:</b> 17.7mm <b>Seat:</b> Invert <b>Style:</b> Dom/Japanese	 <b>Tube:</b> 1/4" <b>Thread:</b> M12 - 1.0 <b>Hex:</b> M13 <b>Length:</b> 20.5mm <b>Seat:</b> Invert <b>Style:</b> Ford/Imports <small>BLF-46</small>	 <b>Tube:</b> 1/4" <b>Thread:</b> M12 - 1.0 <b>Hex:</b> M13 <b>Length:</b> 20.3mm <b>Seat:</b> Invert <b>Style:</b> Short Dog Point	 <b>Tube:</b> 1/4" <b>Thread:</b> M12 - 1.5 <b>Hex:</b> M13 <b>Length:</b> 20.3mm <b>Seat:</b> Invert <b>Style:</b> Dom/Japanese




# FMSI EDELMANN FITTINGS

## THE OFFICIAL TUBE NUT GUIDE





METRIC INVERT FLARE & STANDARD/OVERSIZE STAINLESS STEEL







### METRIC INVERT FLARE TUBE NUTS

<b>Part #</b> 6812	<b>Part #</b> 6800	<b>Part #</b> 6803	
 <b>Tube:</b> 1/4" <b>Thread:</b> M12 - 1.5 <b>Hex:</b> M13 <b>Length:</b> 20.5mm <b>Seat:</b> Invert	 <b>Tube:</b> 5/16" <b>Thread:</b> M13 - 1.5 <b>Hex:</b> M14 <b>Length:</b> 15.5mm <b>Seat:</b> Invert	 <b>Tube:</b> 5/16" <b>Thread:</b> M14 - 1.5 <b>Hex:</b> M14 <b>Length:</b> 25mm <b>Seat:</b> Invert	





### STANDARD STAINLESS STEEL INVERT FLARE TUBE NUTS

<b>Part #</b> 3000SS	<b>Part #</b> 3001SS	<b>Part #</b> 3003SS	<b>Part #</b> 3004SS
 <b>Tube:</b> 3/16" <b>Thread:</b> 3/8" - 24 <b>Hex:</b> 3/8" <b>Length:</b> 0.57" <b>Seat:</b> Invert	 <b>Tube:</b> 3/16" <b>Thread:</b> 3/8" - 24 <b>Hex:</b> 3/8" <b>Length:</b> 0.81" <b>Seat:</b> Invert <b>Style:</b> Long	 <b>Tube:</b> 1/4" <b>Thread:</b> 7/16" - 24 <b>Hex:</b> 7/16" <b>Length:</b> 0.57" <b>Seat:</b> Invert	 <b>Tube:</b> 1/4" <b>Thread:</b> 7/16" - 24 <b>Hex:</b> 7/16" <b>Length:</b> 0.81" <b>Seat:</b> Invert <b>Style:</b> Long
BLSF-12	BLSF-10	BLSF-13	BLSF-16

### STANDARD OVERSIZED STAINLESS STEEL INVERT FLARE TUBE NUTS

<b>Part #</b> 3006SS	<b>Part #</b> 3015SS	<b>Part #</b> 3022SS	<b>Part #</b> 3023SS
 <b>Tube:</b> 5/16" <b>Thread:</b> 1/2" - 20 <b>Hex:</b> 1/2" <b>Length:</b> 0.62" <b>Seat:</b> Invert	 <b>Tube:</b> 3/8" <b>Thread:</b> 5/8" - 18 <b>Hex:</b> 9/16" <b>Length:</b> 0.67" <b>Seat:</b> Invert	 <b>Tube:</b> 3/16" <b>Thread:</b> 7/16" - 24 <b>Hex:</b> 7/16" <b>Length:</b> 0.57" <b>Seat:</b> Invert <b>Style:</b> Oversized	 <b>Tube:</b> 3/16" <b>Thread:</b> 1/2" - 20 <b>Hex:</b> 9/16" <b>Length:</b> 0.60" <b>Seat:</b> Invert <b>Style:</b> Oversized
BLSF-14	BLSF-15	BLSF-11	BLSF-41

### STANDARD OVERSIZED STAINLESS STEEL INVERT FLARE TUBE NUTS

<b>Part #</b> 3024SS	<b>Part #</b> 6810SS	<b>Part #</b> 3025SS	<b>Part #</b> 3026SS
 <b>Tube:</b> 3/16" <b>Thread:</b> 9/16" - 18 <b>Hex:</b> 5/8" <b>Length:</b> 0.62" <b>Seat:</b> Invert <b>Style:</b> Oversized	 <b>Tube:</b> 3/16" <b>Thread:</b> 9/16" - 20 <b>Hex:</b> 9/16" <b>Length:</b> 0.76" <b>Seat:</b> Invert <b>Style:</b> Oversized	 <b>Tube:</b> 1/4" <b>Thread:</b> 7/16" - 24 <b>Hex:</b> 9/16" <b>Length:</b> 0.65" <b>Seat:</b> Invert <b>Style:</b> Oversized	 <b>Tube:</b> 1/4" <b>Thread:</b> 1/2" - 20 <b>Hex:</b> 1/2" <b>Length:</b> 0.62" <b>Seat:</b> Invert <b>Style:</b> Oversized
BLSF-42		BLSF-43	BLSF-44



# FMSI EDELMANN FITTINGS





## THE OFFICIAL TUBE NUT GUIDE

METRIC STAINLESS STEEL, INVERT/BUBBLE FLARE & BLOCK OFF TUBE NUTS & PLUGS

### 3/16" X 10MM METRIC STAINLESS STEEL

### 3/16" TUBE METRIC STAINLESS STEEL BUBBLE/ISO FLARE

### 3/16" TUBE BRITISH/US THREAD

Part #	<u>INVERT</u>	Part #	<u>BUBBLE/ISO</u>	Part #	<u>BUBBLE/ISO</u>	Part #	<u>BUBBLE/ISO</u>
<b>3043SS</b>	-	<b>3028SS</b>	-	<b>3041SS</b>	-	<b>3410</b>	-
	<b>Tube:</b> 3/16" <b>Thread:</b> M10 - 1.0 <b>Hex:</b> M10 <b>Length:</b> 16mm <b>Seat:</b> Invert <b>Style:</b> Japanese		<b>Tube:</b> 3/16" <b>Thread:</b> M10 - 1.0 <b>Hex:</b> M12 <b>Length:</b> 17mm <b>Seat:</b> Bubble/ISO <b>Style:</b> Euro/Domestic		<b>Tube:</b> 3/16" <b>Thread:</b> M12 - 1.0 <b>Hex:</b> M13 <b>Length:</b> 18.1mm <b>Seat:</b> Bubble/ISO <b>Style:</b> Long		<b>Tube:</b> 3/16" <b>Thread:</b> 3/8"- 24 <b>Hex:</b> 7/16" <b>Length:</b> 0.83" <b>Seat:</b> Bubble/ISO <b>Style:</b> British/US Thread
BLSF-40		BLSF-39		BLSF-48		BLF-38	

### 3/16" TUBE METRIC BUBBLE/ISO FLARE TUBE NUTS 10MM - 1.0

Part #	<u>BUBBLE/ISO</u>	Part #	<u>BUBBLE/ISO</u>	Part #	<u>BUBBLE/ISO</u>	Part #	<u>BUBBLE/ISO</u>
<b>3028</b>	-	<b>3411</b>	-	<b>3414</b>	-	<b>3420</b>	-
	<b>Tube:</b> 3/16" <b>Thread:</b> M10 - 1.0 <b>Hex:</b> M12 <b>Length:</b> 18mm <b>Seat:</b> Bubble/ISO <b>Style:</b> Euro/Domestic		<b>Tube:</b> 3/16" <b>Thread:</b> M10 - 1.0 <b>Hex:</b> M11 <b>Length:</b> 20mm <b>Seat:</b> Bubble/ISO <b>Style:</b> Long		<b>Tube:</b> 3/16" <b>Thread:</b> M10 - 1.0 <b>Hex:</b> M11 <b>Length:</b> 20.2mm <b>Seat:</b> Bubble/ISO <b>Style:</b> VW/Audi		<b>Tube:</b> 3/16" <b>Thread:</b> M10 - 1.0 <b>Hex:</b> M13 <b>Length:</b> 19mm <b>Seat:</b> Bubble/ISO <b>Style:</b> Ford
BLF-39							

### 3/16" TUBE METRIC BUBBLE/ISO 10MM - 1.0

### 3/16" TUBE METRIC BUBBLE/ISO 10MM - 1.25

### 3/16" TUBE METRIC BUBBLE/ISO 10MM - 1.50

### 3/16" TUBE METRIC BUBBLE/ISO 11MM - 1.0

Part #	<u>BUBBLE/ISO</u>	Part #	<u>BUBBLE/ISO</u>	Part #	<u>BUBBLE/ISO</u>	Part #	<u>BUBBLE/ISO</u>
<b>3463</b>	-	<b>3470</b>	-	<b>3492</b>	-	<b>3477</b>	121073
	<b>Tube:</b> 3/16" <b>Thread:</b> M10 - 1.0 <b>Hex:</b> M11 <b>Length:</b> 25.3mm <b>Seat:</b> Bubble/ISO <b>Style:</b> Euro/Domestic		<b>Tube:</b> 3/16" <b>Thread:</b> M10 - 1.25 <b>Hex:</b> M11 <b>Length:</b> 20.2mm <b>Seat:</b> Bubble/ISO <b>Style:</b> Euro/Domestic		<b>Tube:</b> 3/16" <b>Thread:</b> M10 - 1.50 <b>Hex:</b> M11 <b>Length:</b> 20mm <b>Seat:</b> Bubble/ISO <b>Style:</b> Euro/Domestic		<b>Tube:</b> 3/16" <b>Thread:</b> M11 - 1.0 <b>Hex:</b> M11 <b>Length:</b> 17.5mm <b>Seat:</b> Bubble/ISO <b>Style:</b> Euro/Domestic

### 3/16" TUBE METRIC BUBBLE/ISO 11MM - 1.5

### 3/16" TUBE METRIC BUBBLE/ISO FLARE TUBE NUTS 12MM - 1.0

### 3/16" TUBE METRIC BUBBLE/ISO 12MM - 1.25

Part #	<u>BUBBLE/ISO</u>	Part #	<u>BUBBLE/ISO</u>	Part #	<u>BUBBLE/ISO</u>	Part #	<u>BUBBLE/ISO</u>
<b>3040</b>	276011	<b>3041</b>	276012	<b>3493</b>	-	<b>3426</b>	-
	<b>Tube:</b> 3/16" <b>Thread:</b> M11 - 1.5 <b>Hex:</b> M12 <b>Length:</b> 17.7mm <b>Seat:</b> Bubble/ISO <b>Style:</b> Domestic		<b>Tube:</b> 3/16" <b>Thread:</b> M12 - 1.0 <b>Hex:</b> M14 <b>Length:</b> 17.8mm <b>Seat:</b> Bubble/ISO <b>Style:</b> Domestic		<b>Tube:</b> 3/16" <b>Thread:</b> M12 - 1.0 <b>Hex:</b> M13 <b>Length:</b> 19.5mm <b>Seat:</b> Bubble/ISO <b>Style:</b> Long		<b>Tube:</b> 3/16" <b>Thread:</b> M12 - 1.25 <b>Hex:</b> M14 <b>Length:</b> 17.8mm <b>Seat:</b> Bubble/ISO <b>Style:</b> Euro/Domestic
BLF-47		BLF-48					


# FMSI EDELMANN FITTINGS

## THE OFFICIAL TUBE NUT GUIDE



METRIC INVERT/BUBBLE FLARE & BLOCK OFF TUBE PLUGS



**3/16" TUBE BUBBLE/ISO M13 - 1.5**      **M6 TUBE BUBBLE/ISO M12 - 1.0**      **M6 TUBE BUBBLE/ISO M12 - 1.5**      **M6 TUBE BUBBLE/ISO M14 - 1.5**

Part #	BUBBLE/ISO	Part #	BUBBLE/ISO	Part #	BUBBLE/ISO	Part #	BUBBLE/ISO
3042	276013	3421	-	3422	-	3423	-
	<b>Tube:</b> 3/16" <b>Thread:</b> M13 - 1.5 <b>Hex:</b> M14 <b>Length:</b> 18.3mm <b>Seat:</b> Bubble/ISO <b>Style:</b> Domestic		<b>Tube:</b> M6 <b>Thread:</b> M12 - 1.0 <b>Hex:</b> M14 <b>Length:</b> 20.5mm <b>Seat:</b> Bubble/ISO <b>Style:</b> Euro/Dom		<b>Tube:</b> M6 <b>Thread:</b> M12 - 1.5 <b>Hex:</b> M14 <b>Length:</b> 20.5mm <b>Seat:</b> Bubble/ISO <b>Style:</b> Euro/Dom		<b>Tube:</b> M6 <b>Thread:</b> M14 - 1.5 <b>Hex:</b> M15 <b>Length:</b> 21mm <b>Seat:</b> Bubble/ISO <b>Style:</b> Euro/Dom
BLF-49		BLF-51		BLF-52		BLF-53	


**1/4" TUBE BUBBLE/ISO M11 - 1.0**      **1/4" TUBE BUBBLE/ISO M12 - 1.0**      **1/4" TUBE BUBBLE/ISO M12 - 1.25**

Part #	BUBBLE/ISO	Part #	BUBBLE/ISO	Part #	BUBBLE/ISO	Part #	BUBBLE/ISO
3490	-	3413	121074	3496	-	3433	-
	<b>Tube:</b> 1/4" <b>Thread:</b> M11 - 1.0 <b>Hex:</b> M12 <b>Length:</b> 17.8mm <b>Seat:</b> Bubble/ISO <b>Style:</b> Euro/Domestic		<b>Tube:</b> 1/4" <b>Thread:</b> M12 - 1.0 <b>Hex:</b> M13 <b>Length:</b> 20.5mm <b>Seat:</b> Bubble/ISO <b>Style:</b> Ford/Imports		<b>Tube:</b> 1/4" <b>Thread:</b> M12 - 1.0 <b>Hex:</b> M13 <b>Length:</b> 20.3mm <b>Seat:</b> Bubble/ISO <b>Style:</b> Short Dog Pt		<b>Tube:</b> 1/4" <b>Thread:</b> M12 - 1.25 <b>Hex:</b> M12 <b>Length:</b> 20mm <b>Seat:</b> Bubble/ISO <b>Style:</b> Euro/Domestic
		BLF-46					

**1/4" TUBE BUBBLE/ISO M12 - 1.5**      **1/4" TUBE BUBBLE/ISO M12 - 1.75**      **1/4" TUBE BUBBLE/ISO M13 - 1.5**      **1/4" TUBE BUBBLE/ISO M14 - 1.5**

Part #	BUBBLE/ISO	Part #	BUBBLE/ISO	Part #	BUBBLE/ISO	Part #	BUBBLE/ISO
3495	-	3447	-	3408	-	6801	-
	<b>Tube:</b> 1/4" <b>Thread:</b> M12 - 1.5 <b>Hex:</b> M13 <b>Length:</b> 20.3mm <b>Seat:</b> Bubble/ISO <b>Style:</b> Euro/Domestic		<b>Tube:</b> 1/4" <b>Thread:</b> M12 - 1.75 <b>Hex:</b> M13 <b>Length:</b> 26.2mm <b>Seat:</b> Bubble/ISO <b>Style:</b> Euro/Domestic		<b>Tube:</b> 1/4" <b>Thread:</b> M13 - 1.5 <b>Hex:</b> M14 <b>Length:</b> 18.3mm <b>Seat:</b> Bubble/ISO <b>Style:</b> Euro/Domestic		<b>Tube:</b> 1/4" <b>Thread:</b> M14 - 1.5 <b>Hex:</b> M15 <b>Length:</b> 21mm <b>Seat:</b> Bubble/ISO

**5/16" TUBE BUBBLE/ISO M14 - 1.5**

Part #	BUBBLE/ISO			
6802	109400			
	<b>Tube:</b> 5/16" <b>Thread:</b> M14 - 1.5 <b>Hex:</b> M15 <b>Length:</b> 18.5mm <b>Seat:</b> Bubble/ISO			







# FMSI EDELMANN FITTINGS





THE OFFICIAL TUBE NUT GUIDE

POWER STEERING & TRANSMISSION FUEL LINE NUTS





**5/16" / 8MM TUBE 5/8" - 18**    **5/16" / 8MM TUBE 14MM - 1.25**    **5/16" TUBE 14MM - 1.5**    **5/16" / 8MM TUBE 14MM - 1.5**

<b>Part #</b> 3443 <u>O-RING</u>	<b>Part #</b> 3448 <u>INVERT</u>	<b>Part #</b> 3009 <u>O-RING</u>	<b>Part #</b> 3445 <u>INVERT</u>
 <p><b>Tube:</b> 5/16" / 8mm <b>Thread:</b> 5/8" - 18 <b>Hex:</b> 5/8" <b>Length:</b> 0.664" <b>Seat:</b> O-Ring</p>	 <p><b>Tube:</b> 5/16" / 8mm <b>Thread:</b> 14mm - 1.25 <b>Hex:</b> 14mm <b>Length:</b> 22.5mm <b>Seat:</b> Invert</p>	 <p><b>Tube:</b> 5/16" / 8mm <b>Thread:</b> M14 - 1.5 <b>Hex:</b> M16 <b>Length:</b> 18.6mm <b>Seat:</b> O-Ring</p>	 <p><b>Tube:</b> 5/16" / 8mm <b>Thread:</b> 14mm - 1.5 <b>Hex:</b> 14mm <b>Length:</b> 20.3mm <b>Seat:</b> Invert</p>
PSR-014		FLR-009	

**5/16" / 8MM TUBE 14MM - 1.5**    **5/16" / 8MM TUBE 14MM - 1.5**    **5/16" TUBE 1/2" - 20**    **3/8" TUBE 16MM - 1.5**

<b>Part #</b> 3487 <u>INVERT</u>	<b>Part #</b> 3488 <u>BUBBLE/ISO</u>	<b>Part #</b> 6805 <u>INVERT</u>	<b>Part #</b> 3008 <u>O-RING</u>
 <p><b>Tube:</b> 5/16" / 8mm <b>Thread:</b> 14mm - 1.5 <b>Hex:</b> 14mm <b>Length:</b> 28.1mm <b>Seat:</b> Invert</p>	 <p><b>Tube:</b> 5/16" / 8mm <b>Thread:</b> 14mm - 1.5 <b>Hex:</b> 14mm <b>Length:</b> 28mm <b>Seat:</b> Bubble/ISO</p>	 <p><b>Tube:</b> 5/16" <b>Thread:</b> 1/2" - 20 <b>Hex:</b> 16mm <b>Length:</b> 1.00" <b>Seat:</b> Invert</p>	 <p><b>Tube:</b> 3/8" <b>Thread:</b> M16 - 1.5 <b>Hex:</b> M16 <b>Length:</b> 19.20mm <b>Seat:</b> O-Ring</p>
		Cooler/Power Steering	FLR-008

**3/8" TUBE 16MM - 1.5**    **3/8" TUBE 16MM - 1.5**    **3/8" TUBE 18MM - 1.5**

<b>Part #</b> 3434 <u>INVERT</u>	<b>Part #</b> 3435 <u>O-RING</u>	<b>Part #</b> 3464 <u>O-RING</u>	<b>Part #</b> 3436 <u>O-RING</u>
 <p><b>Tube:</b> 3/8" <b>Thread:</b> 16mm - 1.5 <b>Hex:</b> 16mm <b>Length:</b> 0.673" <b>Seat:</b> Invert</p>	 <p><b>Tube:</b> 3/8" <b>Thread:</b> M16 - 1.50 <b>Hex:</b> M18 <b>Length:</b> 21.5mm <b>Seat:</b> O-Ring</p>	 <p><b>Tube:</b> 3/8" <b>Thread:</b> M16 - 1.50 <b>Hex:</b> M16 <b>Length:</b> 29.8mm <b>Seat:</b> O-Ring</p>	 <p><b>Tube:</b> 3/8" <b>Thread:</b> M18 - 1.50 <b>Hex:</b> M18 <b>Length:</b> 20.4mm <b>Seat:</b> O-Ring</p>
PSR-016		PSR-018	

**3/8" TUBE 18MM - 1.5**    **3/8" TUBE 16MM - 1.5**    **3/8" TUBE 18MM - 1.5**    **3/8" TUBE 18MM - 1.5**

<b>Part #</b> 3438 <u>O-RING</u>	<b>Part #</b> 6806 <u>O-RING</u>	<b>Part #</b> 6807 <u>O-RING</u>	<b>Part #</b> 6850 <u>INVERT</u>
 <p><b>Tube:</b> 3/8" <b>Thread:</b> M18 - 1.50 <b>Hex:</b> M18 <b>Length:</b> 21.4mm <b>Seat:</b> O-Ring</p>	 <p><b>Tube:</b> 3/8" <b>Thread:</b> M16 - 1.50 <b>Hex:</b> M18 <b>Length:</b> 16.5mm <b>Seat:</b> O-Ring</p>	 <p><b>Tube:</b> 3/8" <b>Thread:</b> M18 - 1.50 <b>Hex:</b> M18 <b>Length:</b> 20.5mm <b>Seat:</b> O-Ring</p>	 <p><b>Tube:</b> 3/8" <b>Thread:</b> 5/8" - 18 <b>Hex:</b> 5/8" / 16mm <b>Length:</b> 26.9mm <b>Seat:</b> Invert</p>
PSR-017			Ford Cooler Lines



# FMSI EDELMANN FITTINGS

## THE OFFICIAL TUBE NUT GUIDE





METRIC INVERT/BUBBLE FLARE BLOCK OFF TUBE PLUGS / BRASS UNIONS - STANDARD, BUBBLE, METRIC



### 3/16" BLOCK OFF TUBE PLUGS





### 1/4" BLOCK OFF TUBE PLUGS

### 3/16" BLOCK OFF TUBE PLUGS 10MM - 1.0

Part #	INVERT	Part #	INVERT	Part #	INVERT	Part #	BUBBLE/ISO
6829	120300	6830	120400	6825	-	6826	
	<b>Tube:</b> 3/16" <b>Thread:</b> 3/8" - 24 <b>Hex:</b> 3/8" <b>Length:</b> 0.525" <b>Seat:</b> Invert <b>Style:</b> Plug		<b>Tube:</b> 1/4" <b>Thread:</b> 7/16" - 24 <b>Hex:</b> 7/16" <b>Length:</b> 0.55" <b>Seat:</b> Invert <b>Style:</b> Plug		<b>Tube:</b> 3/16" <b>Thread:</b> M10 - 1.0 <b>Hex:</b> M10 <b>Length:</b> 18mm <b>Seat:</b> Invert <b>Style:</b> Plug		<b>Tube:</b> 3/16" <b>Thread:</b> M10 - 1.0 <b>Hex:</b> M10 <b>Length:</b> 18mm <b>Seat:</b> Bubble/ISO <b>Style:</b> Plug



### 3/16" BLOCK OFF TUBE PLUGS 12MM - 1.0

### STANDARD INVERT FLARE BRASS UNIONS

Part #	INVERT	Part #	BUBBLE/ISO	Part #		Tube	Thread	Part #	Tube	Thread
6827		6828								
	<b>Tube:</b> 3/16" <b>Thread:</b> M12 - 1.0 <b>Hex:</b> M12 <b>Length:</b> 21mm <b>Seat:</b> Invert <b>Style:</b> Plug		<b>Tube:</b> 3/16" <b>Thread:</b> M12 - 1.0 <b>Hex:</b> M13 <b>Length:</b> 20.7mm <b>Seat:</b> Bubble/ISO <b>Style:</b> Plug	<b>3706</b>	1/8"	5/16" - 24	<b>3018</b>	3/8"	5/8" - 18	
				123200 (Edelmann)			123600 (Edelmann) BLU-6(AGS)			
				<b>3002</b>	3/16"	3/8" - 24	<b>3021</b>	1/2"	3/4" - 18	
				123300 (Edelmann) BLU-3(AGS)			123800 (Edelmann) - REDUCER UNION -			
				<b>3005</b>	1/4"	7/16" - 24	<b>3020</b>	3/16"	3/8" - 24	
				123400 (Edelmann) BLU-4(AGS)						
				<b>3007</b>	5/16"	1/2" - 20		1/4"	7/16" - 24	
				123500 (Edelmann) BLU-5(AGS)						

### METRIC BUBBLE FLARE BRASS UNIONS

### BRAKE LINE UNION TEES

Part #	Tube	Thread	Part #	Tube	Thread	Flare
						
<b>3044</b>	3/16"	M10 - 1.0	<b>3471</b>	3/16"	3/8" - 24	Invert
276000 (Edelmann) BLU-8(AGS)			130333(Edelmann) 702 X 3 (W/H)			
<b>3047</b>	3/16"	3/8" - 24	<b>3472</b>	1/4"	7/16" - 24	Invert
275300 (Edelmann) BLU-7(AGS)			130444(Edelmann) 702 X 4 (W/H)			
<b>4238</b>	1/4"(M6)	M12 - 1.0	<b>3476</b>	3/16"	3/8" - 24	Invert
277000 (Edelmann) BLU-10(AGS)			7812 (W/H)			
			<b>3722</b>	1/8"	5/16" - 28	Invert
			130222(Edelmann) 702 X 2 (W/H)			
			<b>3723</b>	5/16"	1/2" - 20	Invert
			130555(Edelmann) 702 X 5 (W/H)			
			<b>3724</b>	3/8"	9/16" - 18	Invert
			130666 (Edelmann) 702 X 6 (W/H)			
			<b>4643</b>	3/16"	M10 - 1.0	Invert
			<b>4644</b>	3/16"	M10 - 1.0	Bubble

### METRIC INVERT FLARE BRASS UNIONS

Part #	Tube	Thread
		
<b>3059</b>	3/16"	M10 - 1.0
274000 (Edelmann) BLU-9(AGS)		
<b>3050</b>	3/16"	M12 - 1.0
<b>3049</b>	1/4"(M6)	M12 - 1.0



# FMSI EDELMANN FITTINGS

## THE OFFICIAL TUBE NUT GUIDE

### MASTER CYLINDER ADAPTERS INVERT/BUBBLE

#### A MASTER CYLINDER ADAPTERS INVERT



Part #	Tube(F)	Thread(F)	Tube(M)	Thread(M)
<b>3230</b> 258350(Edelmann) 7909(W/H)	3/16"	3/8" - 24	5/16"	1/2" - 20
<b>3231</b> 258303(Edelmann) 7910(W/H)	3/16"	3/8" - 24	3/16"	9/16" - 20
<b>3232</b> 258340(Edelmann) 7818(W/H)	3/16"	3/8" - 24	1/4"	7/16" - 20
<b>3237</b> 258302(Edelmann) 7911(W/H)	3/16"	3/8" - 24	3/16"	9/16" - 18
<b>3285</b> 258302(Edelmann) 7911(W/H)	3/16"	3/8" - 24	3/16"	3/8" - 24
<b>4645</b>	3/16"	3/8" - 24	3/16"	7/16" - 24
<b>4653</b> 7897(W/H)	3/16"	3/8" - 24	3/16"	1/2" - 20
<b>4601</b> 258307(Edelmann) 7913(W/H)	3/16"	1/2" - 20	3/16"	9/16" - 18
<b>4602</b> 258306(Edelmann) 7912(W/H)	3/16"	9/16" - 18	3/16"	1/2" - 20
<b>3233</b> 258450(Edelmann) 7829(W/H)	1/4"	7/16" - 24	1/4"	1/2" - 20
<b>3235</b> 258430(Edelmann) 7828(W/H)	1/4"	7/16" - 24	3/16"	3/8" - 24
<b>3236</b> 258403(Edelmann) 7908(W/H)	1/4"	7/16" - 24	1/4"	9/16" - 18
<b>3418</b> 258560(Edelmann) 7916(W/H)	5/16"	1/2" - 20	3/8"	5/8" - 18
<b>4603</b> 258540(Edelmann) 7917(W/H)	5/16"	1/2" - 20	1/4"	7/16" - 24
<b>3419</b> 258650(Edelmann) 7915(W/H)	3/8"	5/8" - 18	5/16"	1/2" - 20

#### A 3/16" INVERT TO METRIC INVERT

Part #	Tube(F)	Thread(F)	Tube(M)	Thread(M)
<b>3045</b> 270300(Edelmann) 1443(W/H)	3/16"	3/8" - 24	3/16"	M10 - 1.0
<b>3479</b> 270330(Edelmann) 7976(W/H)	3/16"	3/8" - 24	3/16"	M10 - 1.25

#### A 1/4" (M6) METRIC INVERT TO METRIC INVERT

Part #	Tube(F)	Thread(F)	Tube(M)	Thread(M)
<b>4639</b>	1/4" - M6	7/16" - 24	1/4" - M6	M12 - 1.0
<b>4640</b>	1/4" - M6	7/16" - 24	1/4" - M6	M12 - 1.5
<b>4641</b>	1/4" - M6	7/16" - 24	1/4" - M6	M10 - 1.0

#### B 3/16" INVERT TO METRIC BUBBLE FLARE



Part #	Tube(F)	Thread(F)	Tube(M)	Thread(M)
<b>3039</b> 271300(Edelmann) 1442(W/H)	3/16"	3/8" - 24	3/16"	M10 - 1.0
<b>3250</b> 270330(Edelmann) 7970(W/H)	3/16"	3/8" - 24	3/16"	M10 - 1.25
<b>3251</b> 263000(Edelmann) 7972(W/H)	3/16"	3/8" - 24	3/16"	M13 - 1.5
<b>3252</b> 265000(Edelmann) 7974(W/H)	3/16"	3/8" - 24	3/16"	M12 - 1.0
<b>3253</b> 264000(Edelmann) 7935(W/H)	3/16"	3/8" - 24	3/16"	M11 - 1.5
<b>4612</b>	3/16"	3/8" - 24	3/16"	M11 - 1.25
<b>4613</b>	3/16"	3/8" - 24	3/16"	M12 - 1.25
<b>4616</b>	3/16"	3/8" - 24	3/16"	M11 - 1.0
<b>4619</b>	3/16"	3/8" - 24	3/16"	M10 - 1.5
<b>4654</b>	3/16"	3/8" - 24	3/16"	M14 - 1.5

#### B 1/4" INVERT TO METRIC BUBBLE FLARE

Part #	Tube(F)	Thread(F)	Tube(M)	Thread(M)
<b>4614</b>	1/4" - M6	7/16" - 24	1/4"	M12 - 1.25
<b>4615</b>	1/4" - M6	7/16" - 24	1/4"	M12 - 1.75
<b>4650</b>	1/4" - M6	7/16" - 24	1/4"	M12 - 1.5
<b>4617</b>	1/4" - M6	7/16" - 24	1/4"	M11 - 1.0
<b>4618</b>	1/4" - M6	7/16" - 24	1/4"	M14 - 1.5
<b>4642</b>	1/4" - M6	7/16" - 24	1/4"	M12 - 1.0

# FMSI EDELMANN FITTINGS

## THE OFFICIAL TUBE NUT GUIDE

BRASS ADAPTERS - STANDARD • METRIC • PIPE THREAD • SURFACE SEAL



### B 3/16" INVERT TO METRIC BUBBLE FLARE

Part #	Tube(F)	Thread(F)	Tube(M)	Thread(M)
3255	3/16"	3/8" - 24	3/16"	3/8" - 24
3478	3/16"	3/8" - 24	3/16"	1/2" - 18
4607	3/16"	3/8" - 24	1/4"	7/16" - 20

### B 3/16" METRIC INVERT TO METRIC BUBBLE

Part #	Tube(F)	Thread(F)	Tube(M)	Thread(M)
4627	3/16"	M10 - 1.0	3/16"	M10 - 1.0
3473	3/16"	M10 - 1.0	3/16"	M11 - 1.5
<small>7935(W/H)</small>				
3474	3/16"	M10 - 1.0	3/16"	M12 - 1.0
<small>7936(W/H)</small>				
3475	3/16"	M10 - 1.0	3/16"	M13 - 1.5
<small>7937(W/H)</small>				

### C 3/16" METRIC BUBBLE TO METRIC BUBBLE



Part #	Tube(F)	Thread(F)	Tube(M)	Thread(M)
3254	3/16"	M10 - 1.25	3/16"	M13 - 1.5
4606	3/16"	M10 - 1.0	3/16"	M13 - 1.5
<small>268000(Edelmann)</small>				
4604	3/16"	M10 - 1.0	3/16"	M11 - 1.5
<small>266000(Edelmann)</small>				
4605	3/16"	M10 - 1.0	3/16"	M12 - 1.0
<small>267000(Edelmann)</small>				
4630	3/16"	M10 - 1.0	3/16"	M10 - 1.5
4631	3/16"	M10 - 1.0	3/16"	M12 - 1.25
4632	3/16"	M10 - 1.0	3/16"	M10 - 1.25
4633	3/16"	M10 - 1.0	3/16"	M11 - 1.0

### C 1/4" (M6) METRIC BUBBLE TO METRIC BUBBLE

Part #	Tube(F)	Thread(F)	Tube(M)	Thread(M)
4634	1/4" (M6)	M12 - 1.0	1/4" (M6)	M12 - 1.5
4635	1/4" (M6)	M12 - 1.0	1/4" (M6)	M14 - 1.5
4636	1/4" (M6)	M12 - 1.0	1/4" (M6)	M12 - 1.25
4637	1/4" (M6)	M12 - 1.0	1/4" (M6)	M12 - 1.75
4638	1/4" (M6)	M12 - 1.0	1/4" (M6)	M11 - 1.0

### D 3/16" INVERT TO METRIC BUBBLE FLARE



Part #	Tube(F)	Thread(F)	Tube(M)	Thread(M)
4609	3/16"	3/8" - 24	3/16"	1/2" - 20
<small>265301(Edelmann) 7817(W/H)</small>				
3029	1/4"	7/16" - 24	1/4"	7/16" - 20
<small>265400(Edelmann) 7732(W/H)</small>				
3233	1/4"	7/16" - 24	1/4"	1/2" - 20
<small>265401(Edelmann) 7727(W/H)</small>				
4611	5/16"	1/2" - 20	5/16"	1/2" - 20
<small>265500(Edelmann) 1074(W/H)</small>				

### E INVERT TO PIPE THREAD



Part #	Tube(F)	Thread(M)	Edelmann	W/H
4623	1/8"	1/8	124220	202x2
3481	3/16"	1/8	124320	202x3
3482	1/4"	1/8	124420	202x4
3483	1/4"	1/4	124440	202x4x4
3484	5/16"	1/8	124520	202x5
3485	5/16"	1/4	124540	202x5x4
3486	3/8"	1/4	124640	202x6
3707	3/8"	1/8	124620	202x6x2
3708	3/8"	3/8	124660	202x6x6
3709	1/2"	3/8	124860	202x8
4852	1/2"	1/2	124880	202x8x8



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