






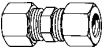
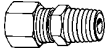
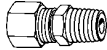
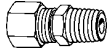
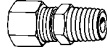
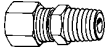
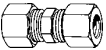





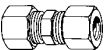





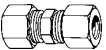
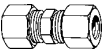
# CIC 200™ BRASS COMPRESSION TUBE FITTINGS ASSORTMENT

P/N 7745

**FEATURES:**

- Medium pressure air, oil, water and natural gas applications
- Easy to assemble
- Manufactured from high density brass alloy
- Available with long or short nut in wide range of styles and sizes
- No flaring or soldering required

651

 <p>MALE ELBOW 1/8 O.D. TUBE 1/8 PIPE P/N 53148</p>	 <p>MALE ELBOW 3/16 O.D. TUBE 1/8 PIPE P/N 53149</p>	 <p>MALE ELBOW 1/4 O.D. TUBE 1/8 PIPE P/N 53151</p>	 <p>MALE ELBOW 5/16 O.D. TUBE 1/8 PIPE P/N 53154</p>	 <p>MALE ELBOW 3/8 O.D. TUBE 1/8 PIPE P/N 53157</p>	 <p>UNION 5/16 O.D. TUBE P/N 53045</p>
 <p>MALE CONNECTOR 1/8 O.D. TUBE 1/8 PIPE P/N 53117</p>	 <p>MALE CONNECTOR 3/16 O.D. TUBE 1/8 PIPE P/N 53118</p>	 <p>MALE CONNECTOR 1/4 O.D. TUBE 1/8 PIPE P/N 53120</p>	 <p>MALE CONNECTOR 5/16 O.D. TUBE 1/8 PIPE P/N 53123</p>	 <p>MALE CONNECTOR 3/8 O.D. TUBE 1/8 PIPE P/N 53126</p>	 <p>UNION 1/4 O.D. TUBE P/N 53042</p>
 <p>NUT 1/8 O.D. TUBE P/N 53014</p>	 <p>NUT 3/16 O.D. TUBE P/N 53015</p>	 <p>NUT 1/4 O.D. TUBE P/N 53016</p>	 <p>NUT 5/16 O.D. TUBE P/N 53017</p>	 <p>NUT 3/8 O.D. TUBE P/N 53018</p>	 <p>UNION 3/16 O.D. TUBE P/N 53041</p>
 <p>SLEEVE 1/8 O.D. TUBE P/N 53000</p>	 <p>SLEEVE 3/16 O.D. TUBE P/N 53001</p>	 <p>SLEEVE 1/4 O.D. TUBE P/N 53002</p>	 <p>SLEEVE 5/16 O.D. TUBE P/N 53003</p>	 <p>SLEEVE 3/8 O.D. TUBE P/N 53004</p>	 <p>UNION 1/8 O.D. TUBE P/N 53040</p>
					 <p>UNION 3/8 O.D. TUBE P/N 53047</p>

A29-1

TRAY FRONT





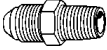

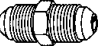


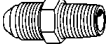

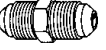


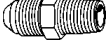

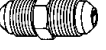


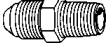

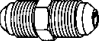
# CIC 200™ BRASS SAE 45° FLARE FITTINGS ASSORTMENT

P/N 7746

**FEATURES:**

- High pressure fuel, oil, air, water LP and natural gas applications
- Manufactured from virgin high density brass alloy
- Low cost, reusable
- Available with long or short nut and in wide range of styles and sizes

126

 FEMALE CONNECTOR 3/8 O.D. TUBE 1/4 PIPE <b>P/N 54025</b>	 MALE ELBOW 3/8 O.D. TUBE 1/4 PIPE <b>P/N 54095</b>	 MALE CONNECTOR 3/8 O.D. TUBE 1/4 PIPE <b>P/N 54067</b>	 LONG NUT 3/8 O.D. TUBE <b>P/N 53902</b>	EXPANSION	 UNION 3/8 O.D. TUBE <b>P/N 53948</b>
 FEMALE CONNECTOR 5/16 O.D. TUBE 1/8 PIPE <b>P/N 54022</b>	 MALE ELBOW 5/16 O.D. TUBE 1/8 PIPE <b>P/N 54092</b>	 MALE CONNECTOR 5/16 O.D. TUBE 1/8 PIPE <b>P/N 54063</b>	 LONG NUT 5/16 O.D. TUBE 1/8 PIPE <b>P/N 53901</b>	EXPANSION	 UNION 5/16 O.D. TUBE <b>P/N 53947</b>
 FEMALE CONNECTOR 1/4 O.D. TUBE 1/8 PIPE <b>P/N 54020</b>	 MALE ELBOW 1/4 O.D. TUBE 1/8 PIPE <b>P/N 54089</b>	 MALE CONNECTOR 1/4 O.D. TUBE 1/8 PIPE <b>P/N 54059</b>	 LONG NUT 1/4 O.D. TUBE <b>P/N 53900</b>	EXPANSION	 UNION 1/4 O.D. TUBE <b>P/N 53946</b>
 FEMALE CONNECTOR 3/16 O.D. TUBE 1/8 PIPE <b>P/N 54019</b>	 MALE ELBOW 3/16 O.D. TUBE 1/8 PIPE <b>P/N 54088</b>	 MALE CONNECTOR 3/16 O.D. TUBE 1/8 PIPE <b>P/N 54057</b>	 LONG NUT 3/16 O.D. TUBE <b>P/N 53899</b>	EXPANSION	 UNION 3/16 O.D. TUBE <b>P/N 53945</b>

A29-2


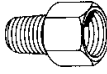

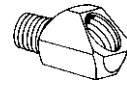


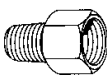

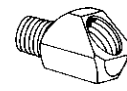
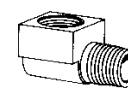

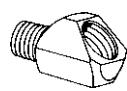
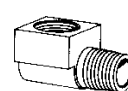
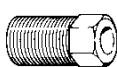

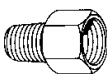

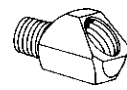
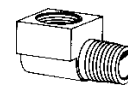
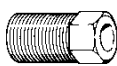
TRAY FRONT

# CIC 200™ BRASS INVERTED FLARE TUBE FITTINGS ASSORTMENT P/N 7751

**FEATURES:**

- High pressure air, oil, water, LP and natural gas applications
- Manufactured from virgin high density brass alloy
- Seats and threads are recessed and protected
- Use with copper, brass, aluminum and brazed steel hydraulic tubing can be flared
- Shorter nut allows very close tube bends
- Reusable
- Temperature range: -65°F to 250°F
- Excellent vibration resistance

195

 <p>INVERTED NUT 3/8 OD TUBE P/N 53636</p>	 <p>MALE CONNECTOR 3/8 OD TUBE 1/4 PIPE P/N 53671</p>	 <p>UNION 3/8 OD TUBE P/N 53702</p>	 <p>45° MALE ELBOW 3/8 OD TUBE 1/4 PIPE P/N 53716</p>	 <p>90° MALE ELBOW 3/8 OD TUBE 1/4 PIPE P/N 53733</p>	 <p>PLUG 1/4 OD TUBE P/N 53656</p>
 <p>INVERTED NUT 5/16 OD TUBE P/N 53635</p>	 <p>MALE CONNECTOR 5/16 OD TUBE 1/8 PIPE P/N 53668</p>	 <p>UNION 5/16 OD TUBE P/N 53701</p>	 <p>45° MALE ELBOW 5/16 OD TUBE 1/8 PIPE P/N 53714</p>	 <p>90° MALE ELBOW 5/16 OD TUBE 1/8 PIPE P/N 53729</p>	 <p>PLUG 3/16 OD TUBE P/N 53655</p>
 <p>INVERTED NUT 1/4 OD TUBE P/N 53634</p>	 <p>MALE CONNECTOR 1/4 OD TUBE 1/8 PIPE P/N 53666</p>	 <p>UNION 1/4 OD TUBE P/N 53700</p>	 <p>45° MALE ELBOW 1/4 OD TUBE 1/8 PIPE P/N 53713</p>	 <p>90° MALE ELBOW 1/4 OD TUBE 1/8 PIPE P/N 53727</p>	 <p>LONG NUT – STEEL 1/4 OD TUBE P/N 53648</p>
 <p>INVERTED NUT 3/16 OD TUBE P/N 53633</p>	 <p>MALE CONNECTOR 3/16 OD TUBE 1/8 PIPE P/N 53665</p>	 <p>UNION 3/16 OD TUBE P/N 53699</p>	 <p>45° MALE ELBOW 3/16 OD TUBE 1/8 PIPE P/N 53712</p>	 <p>90° MALE ELBOW 3/16 OD TUBE 1/8 PIPE P/N 53726</p>	 <p>LONG NUT – STEEL 3/16 OD TUBE P/N 53647</p>

A29-3

TRADE IRON



# CIC 200™ GREASE FITTINGS ASSORTMENT

**FEATURES:**

- Precision made, case hardened and cadmium plated
- A convenient assortment of the most commonly used grease fittings

P/N 7750



300

  1/4-28 – SHORT LENGTH 17/32 <b>P/N 54701</b>	  1/4-28 – MEDIUM LENGTH 45/64 <b>P/N 54702</b>	  1/4-28 – LONG LENGTH 15/16 <b>P/N 54703</b>	  1/4-28 – X-LONG LENGTH 1-1/16 <b>P/N 54704</b>	  1/4-28 – 45° LENGTH 7/8 <b>P/N 54706</b>	EXPANSION	
  1/4-28 – 90° LENGTH 47/64 <b>P/N 54708</b>	  1/4-28 PLUG <b>P/N 54705</b>	  1/4-28 SELF-TAPPING LENGTH 17/32 <b>P/N 54709</b>	  1/4-28 – 45° SELF TAPPING LENGTH 7/8 <b>P/N 54710</b>	  1/4-28 – 90° SELF TAPPING LENGTH 47/64 <b>P/N 54711</b>		EXPANSION
  1/8 PIPE – SHORT LENGTH 11/16 <b>P/N 54689</b>	  1/8 PIPE – LONG LENGTH 1-1/4 <b>P/N 54690</b>	  1/8 PIPE – 38° LENGTH 1-1/16 <b>P/N 54691</b>	  1/8 PIPE – 67° LENGTH 27/32 <b>P/N 54692</b>	  1/8 PIPE – 90° LENGTH 13/16 <b>P/N 54693</b>		
  3/16 DRIVE-IN LENGTH 37/64 <b>P/N 54717</b>	  3/16 DRIVE-IN – 65° LENGTH 49/64 <b>P/N 54720</b>	  1/4 DRIVE-IN LENGTH 39/64 <b>P/N 54718</b>	  5/16 DRIVE-IN LENGTH 9/16 <b>P/N 54719</b>	  1/8 PIPE – 45° LENGTH 1" <b>P/N 54694</b>		EXPANSION




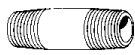




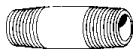




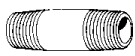








A29-4

TRAY FRONT

**FEATURES:**

- High pressure water, air, oil, LP and natural gas applications
- Positive mechanical seal
- Manufactured from virgin high density brass alloy
- Large range of styles and sizes

208

 <p>COUPLING 1/8 PIPE P/N 54273</p>	 <p>HEX HEAD PLUG 1/8 PIPE P/N 54422</p>	 <p>CLOSE NIPPLE 1/8 PIPE P/N 54335</p>	 <p>LONG NIPPLE 1/8 PIPE x 2" P/N 54349</p>	 <p>BUSHING 1/4-1/8 PIPE P/N 54311</p>	EXPANSION
 <p>COUPLING 1/4 PIPE P/N 54274</p>	 <p>HEX HEAD PLUG 1/4 PIPE P/N 54423</p>	 <p>CLOSE NIPPLE 1/4 PIPE P/N 54336</p>	 <p>LONG NIPPLE 1/4 PIPE x 2" P/N 54350</p>	 <p>BUSHING 3/8-1/8 PIPE P/N 54312</p>	EXPANSION
 <p>COUPLING 3/8 PIPE P/N 54275</p>	 <p>HEX HEAD PLUG 3/8 PIPE P/N 54424</p>	 <p>CLOSE NIPPLE 3/8 PIPE P/N 54337</p>	 <p>LONG NIPPLE 3/8 PIPE x 2" P/N 54351</p>	 <p>BUSHING 3/8-1/4 PIPE P/N 54313</p>	 <p>DRAIN COCK 1/4 PIPE P/N 54752</p>
 <p>HEX NIPPLE 1/8 PIPE P/N 54432</p>	 <p>HEX NIPPLE 1/4 PIPE P/N 54433</p>	 <p>BUSHING 1/2-3/8 PIPE P/N 54316</p>	 <p>BUSHING 1/2-1/4 PIPE P/N 54315</p>	 <p>BUSHING 1/2-1/8 PIPE P/N 54314</p>	 <p>DRAIN COCK 1/8 PIPE P/N 54751</p>

A29.5

**TRAY FRONT**



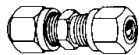
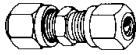








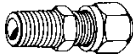




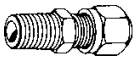




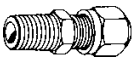
# CIC 200™ NTA BRAKE FITTING ASSORTMENT (BRASS)

P/N 7753

**FEATURES:**

- Meets all air brake specifications – fully D.O.T. approved
- Utilizes ribbed sleeve for compression and positive grip
- Body (less insert) interchangeable with standard air brake compression bodies

238

 UNION 1/4 O.D. TUBE <b>P/N 55418</b>	 UNION 3/8 O.D. TUBE <b>P/N 55419</b>	 UNION 1/2 O.D. TUBE <b>P/N 55420</b>	 MALE ELBOW 1/4 O.D. TUBE 1/8 PIPE <b>P/N 55482</b>	 MALE ELBOW 3/8 O.D. TUBE 1/8 PIPE <b>P/N 55485</b>	 MALE ELBOW 1/2 O.D. TUBE 1/4 TUBE <b>P/N 55490</b>
 TUBE INSERT 1/4 O.D. TUBE <b>P/N 55425</b>	 TUBE INSERT 3/8 O.D. TUBE <b>P/N 55426</b>	 TUBE INSERT 1/2 O.D. TUBE <b>P/N 55427</b>	 TUBE INSERT 5/8 O.D. TUBE <b>P/N 55428</b>	 MALE CONNECTOR 1/2 O.D. TUBE 1/4 PIPE <b>P/N 55470</b>	EXPANSION
 SLEEVE 1/4 O.D. TUBE <b>P/N 55402</b>	 SLEEVE 3/8 O.D. TUBE <b>P/N 55403</b>	 SLEEVE 1/2 O.D. TUBE <b>P/N 55404</b>	 SLEEVE 5/8 O.D. TUBE <b>P/N 55405</b>	 MALE CONNECTOR 3/8 O.D. TUBE 1/8 PIPE <b>P/N 55466</b>	EXPANSION
 NUT 1/4 O.D. TUBE <b>P/N 55410</b>	 NUT 3/8 O.D. TUBE <b>P/N 55411</b>	 NUT 1/2 O.D. TUBE <b>P/N 55412</b>	 NUT 5/8 O.D. TUBE <b>P/N 55413</b>	 MALE CONNECTOR 1/4 O.D. TUBE 1/8 PIPE <b>P/N 55463</b>	EXPANSION




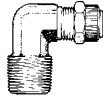
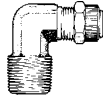





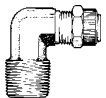



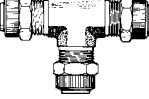




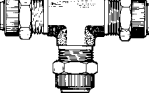
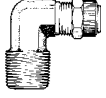
A29-6

TRAY FRONT

**FEATURES:**

- For instrument, pneumatic, lubricant, fuel and coolant lines
- A preassembled, compact brass compression fitting designed for speed and ease of use
- Use with polyethylene, polypropylene, vinyl, nylon, copper and aluminum tubing

434

 <p>SLEEVE 1/2 O.D. TUBE P/N 55651</p>	 <p>NUT 1/2 O.D. TUBE P/N 55657</p>		 <p>MALE CONNECTOR 1/4 O.D. TUBE 1/4 PIPE P/N 55621</p>	 <p>MALE ELBOW 1/4 O.D. TUBE 1/8 PIPE P/N 55632</p>	 <p>MALE ELBOW 3/8 O.D. TUBE 3/8 PIPE P/N 55638</p>
 <p>SLEEVE 3/8 O.D. TUBE P/N 55650</p>	 <p>NUT 3/8 O.D. TUBE P/N 55656</p>	 <p>UNION 3/8 O.D. TUBE P/N 55603</p>	 <p>MALE CONNECTOR 1/4 O.D. TUBE 1/8 PIPE P/N 55620</p>	 <p>MALE CONNECTOR 3/8 O.D. TUBE 3/8 PIPE P/N 55627</p>	 <p>MALE ELBOW 3/8 O.D. TUBE 1/4 PIPE P/N 55637</p>
 <p>SLEEVE 5/16 O.D. TUBE P/N 55649</p>	 <p>NUT 5/16 O.D. TUBE P/N 55655</p>	 <p>UNION 5/16 O.D. TUBE P/N 55602</p>	 <p>UNION TEE 3/8 O.D. TUBE P/N 55609</p>	 <p>MALE CONNECTOR 3/8 O.D. TUBE 1/4 PIPE P/N 55626</p>	
 <p>SLEEVE 1/4 O.D. TUBE P/N 55648</p>	 <p>NUT 1/4 O.D. TUBE P/N 55654</p>	 <p>UNION 1/4 O.D. TUBE P/N 55601</p>	 <p>UNION TEE 1/4 O.D. TUBE P/N 55607</p>		 <p>MALE ELBOW 1/4 O.D. TUBE 1/4 PIPE P/N 55633</p>

A29-7

TRAY FRONT




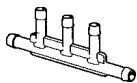
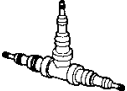









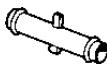

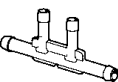

# CIC 200™ VACUUM AND LOW PRESSURE LINE FITTINGS ASSORTMENT

P/N 7731

**FEATURES:**

- Chemical resistant, high impact nylon connectors
- For all applications involving emission controls, shifting devices, windshield washers, etc. on trucks, cars, forklifts and equipment

99

 <p>1/8 (ALL ENDS) STRAIGHT CONNECTOR P/N 52502</p>	 <p>1/8 (ALL ENDS) "T" CONNECTOR P/N 52510</p>	 <p>3/16 (ALL ENDS) "Y" CONNECTOR P/N 52520</p>	 <p>3/16 (ALL ENDS) FIVE WAY "T" CONNECTOR P/N 52528</p>	<p>EXPANSION</p>	 <p>5/32 - 1/4 - 3/8 UNIVERSAL "T" CONNECTOR P/N 52548</p>
 <p>3/16 (ALL ENDS) STRAIGHT CONNECTOR P/N 52504</p>	 <p>3/16 (ALL ENDS) "T" CONNECTOR P/N 52512</p>	 <p>1/4 (ALL ENDS) "Y" CONNECTOR P/N 52522</p>	 <p>3/16 (ALL ENDS) "X" CONNECTOR P/N 52530</p>	<p>EXPANSION</p>	<p>EXPANSION</p>
 <p>1/4 (ALL ENDS) STRAIGHT CONNECTOR P/N 52506</p>	 <p>1/4 (ALL ENDS) "T" CONNECTOR P/N 52514</p>	 <p>5/16 (ALL ENDS) "Y" CONNECTOR P/N 52524</p>	 <p>3/16 RUBBER VACUUM LINE CAP P/N 52532</p>	<p>EXPANSION</p>	 <p>5/32 - 1/4 - 3/8 UNIVERSAL STRAIGHT CONNECTOR P/N 52550</p>
 <p>5/16 (ALL ENDS) STRAIGHT CONNECTOR P/N 52508</p>	 <p>5/16 (ALL ENDS) "T" CONNECTOR P/N 52516</p>	 <p>3/16 (ALL ENDS) FOUR WAY "T" CONNECTOR P/N 52526</p>	 <p>1/4 RUBBER VACUUM LINE CAP P/N 52534</p>	<p>EXPANSION</p>	<p>EXPANSION</p>

TRAY FRONT





# INSTANT FITTINGS (DOT) ASSORTMENT

P/N 7770

**FEATURES:**

- The fastest connections for air, fuel, water and oil lines
- Automatic locking and sealing to maximum working pressure
- Unrestricted ID allows maximum flow
- One piece fitting means reduced assembly time and fewer parts in inventory
- Fully reusable since there are no ferrules or inserts
- Broad selection of styles and sizes



56

  <p>MALE CONNECTOR 1/4 O.D. TUBE 1/8 PIPE P/N 44739</p>	  <p>MALE CONNECTOR 3/8 O.D. TUBE 3/8 PIPE P/N 44746</p>	  <p>MALE ELBOW 1/4 O.D. TUBE 1/8 PIPE P/N 44752</p>	  <p>360° SWIVEL ELBOW 1/4 O.D. TUBE 1/4 PIPE P/N 44764</p>	  <p>UNION 1/4 O.D. TUBE P/N 44779</p>	  <p>MALE BRANCH TEE 1/2 O.D. TUBE X 1/4 NPT P/N 44571</p>
  <p>MALE CONNECTOR 1/4 O.D. TUBE 1/4 PIPE P/N 44740</p>	  <p>MALE CONNECTOR 3/8 O.D. TUBE 1/2 PIPE P/N 44747</p>	  <p>MALE ELBOW 1/4 O.D. TUBE 1/4 PIPE P/N 44753</p>	  <p>360° SWIVEL ELBOW 3/8 O.D. TUBE 1/4 PIPE P/N 44767</p>	  <p>UNION 3/8 O.D. TUBE P/N 44780</p>	  <p>MALE ELBOW 1/2 O.D. TUBE 1/4 PIPE P/N 44548</p>
  <p>MALE CONNECTOR 1/4 O.D. TUBE 3/8 PIPE P/N 44741</p>	  <p>MALE CONNECTOR 1/2 O.D. TUBE 3/8 PIPE P/N 44749</p>	  <p>MALE ELBOW 3/8 O.D. TUBE 1/4 PIPE P/N 44755</p>	  <p>360° SWIVEL ELBOW 3/8 O.D. TUBE 3/8 PIPE P/N 44768</p>	  <p>UNION 1/2 O.D. TUBE P/N 44781</p>	<p>EXPANSION</p>
  <p>MALE CONNECTOR 3/8 O.D. TUBE 1/4 PIPE P/N 44745</p>	  <p>MALE CONNECTOR 1/2 O.D. TUBE 1/2 PIPE P/N 44750</p>	  <p>360° SWIVEL ELBOW 1/4 O.D. TUBE 1/8 PIPE P/N 44763</p>	  <p>360° SWIVEL ELBOW 1/2 O.D. TUBE 3/8 PIPE P/N 44769</p>	  <p>MALE BRANCH TEE 3/8 O.D. TUBE X 1/4 NPT P/N 44568</p>	  <p>360° SWIVEL ELBOW 1/4 O.D. TUBE 3/8 NPT P/N 44765</p>

A29.9

TRAY FRONT



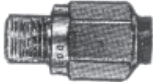
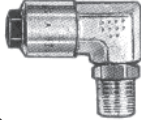

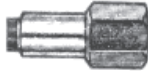

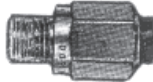

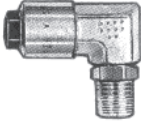



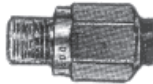
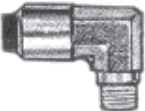
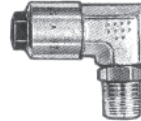
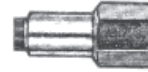

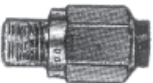

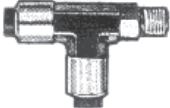
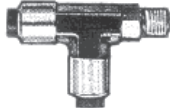


# CIC 200™ 1/8 – 1/4 INSTANT FITTINGS PRO ASSORTMENT I

P/N 7701

**FEATURES:**

- Pressure rating: from 27" Hg to 250 PSI
- Temperature range: -40°F to 200°F
- Use with polyethylene, nylon and polyurethane tubing
- The fastest connections for air, water and oil lines
- Instant pneumatic, hydraulic, instrumentation and lubrication connections
- Automatic locking and sealing to maximum working pressure
- Release collar for instant removal of tubing and line checks

72

 MALE CONNECTOR 1/8-1/16 <b>P/N 55300</b>	EXPANSION	 360° MALE SWIVEL ELBOW 1/8-1/8 <b>P/N 55310</b>	 MALE SWIVEL BRANCH TEE 1/8-1/8 <b>P/N 55320</b>	 FEMALE CONNECTOR 1/8-1/8 <b>P/N 55335</b>	 UNION TEE 1/8 <b>P/N 55330</b>
 MALE CONNECTOR 1/8-1/8 <b>P/N 55301</b>	 MALE ELBOW 1/8-1/8 <b>P/N 55306</b>	 360° MALE SWIVEL ELBOW 1/4-1/8 <b>P/N 44322</b>	 MALE SWIVEL BRANCH TEE 1/4-1/4 <b>P/N 44402</b>	 FEMALE CONNECTOR 1/8-1/8 <b>P/N 44360</b>	 UNION TEE 1/4 <b>P/N 44354</b>
 MALE CONNECTOR 1/4-1/8 <b>P/N 44300</b>	 MALE ELBOW 1/4-1/8 <b>P/N 44316</b>	 360° MALE SWIVEL ELBOW 1/4-1/4 <b>P/N 44324</b>	EXPANSION	 FEMALE CONNECTOR 1/4-1/4 <b>P/N 44362</b>	 UNION 1/8 <b>P/N 55325</b>
 MALE CONNECTOR 1/4-1/4 <b>P/N 44302</b>	 MALE ELBOW 1/4-1/4 <b>P/N 44318</b>	 MALE SWIVEL RUN TEE 1/8-1/8 <b>P/N 55315</b>	 MALE SWIVEL RUN TEE 1/4-1/4 <b>P/N 44432</b>	 UNION ELBOW 1/4 <b>P/N 44440</b>	 UNION 1/4 <b>P/N 44779</b>

A29-10

TRAY FRONT



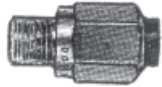
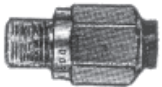
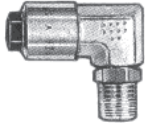

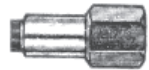

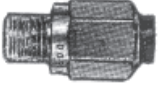

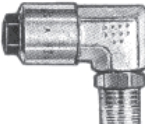

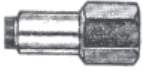

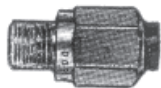




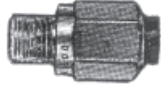


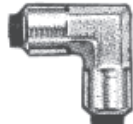

# CIC 200™ 3/8 – 1/2 INSTANT FITTINGS PRO ASSORTMENT II

P/N 7711

**FEATURES:**

- The fastest connections for air, fuel, water and oil lines
- Instant pneumatic, hydraulic, instrumentation and lubrication connections
- Automatic locking and sealing to maximum working pressure
- Release collar for instant removal of tubing and line checks
- Pressure rating: from 27" Hg to 250 PSI
- Temperature range: -40°F to 200°F
- Use with polyethylene, nylon and polyurethane tubing

46

 MALE CONNECTOR 3/8-1/4 <b>P/N 44306</b>	 MALE CONNECTOR 1/2-1/2 <b>P/N 44314</b>	 360° MALE SWIVEL ELBOW 3/8-1/4 <b>P/N 44326</b>	 MALE SWIVEL BRANCH TEE 3/8-1/4 <b>P/N 44404</b>	 FEMALE CONNECTOR 3/8-1/4 <b>P/N 44364</b>	 UNION TEE 3/8 <b>P/N 44356</b>
 MALE CONNECTOR 3/8-3/8 <b>P/N 44308</b>	 MALE ELBOW 3/8-1/4 <b>P/N 44320</b>	 360° MALE SWIVEL ELBOW 1/2-3/8 <b>P/N 44340</b>	 MALE SWIVEL BRANCH TEE 1/2-3/8 <b>P/N 44406</b>	 FEMALE CONNECTOR 3/8-3/8 <b>P/N 44366</b>	 UNION TEE 1/2 <b>P/N 44358</b>
 MALE CONNECTOR 3/8-1/2 <b>P/N 44310</b>	 MALE ELBOW 3/8-3/8 <b>P/N 44317</b>	<b>EXPANSION</b>	 MALE SWIVEL RUN TEE 3/8-1/4 <b>P/N 44434</b>	 UNION ELBOW 3/8 <b>P/N 44442</b>	 UNION 3/8 <b>P/N 44780</b>
 MALE CONNECTOR 1/2-3/8 <b>P/N 44312</b>	 MALE ELBOW 1/2-3/8 <b>P/N 44758</b>	<b>EXPANSION</b>	 MALE SWIVEL RUN TEE 1/2-3/8 <b>P/N 44436</b>	 UNION ELBOW 1/2 <b>P/N 44444</b>	 UNION 1/2 <b>P/N 44350</b>

A29-11

**TRAY FRONT**




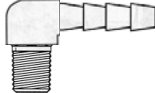
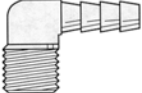
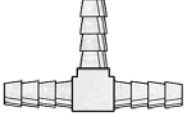



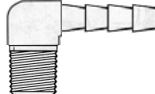
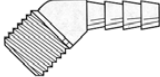

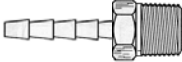


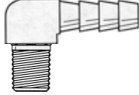
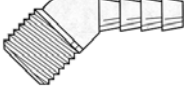




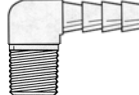
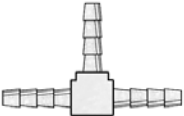

# HOSE BARB FITTINGS ASSORTMENT

P/N 17778

**FEATURES:**

- Made to dryseal standards and machined from CA360, CA345 or CA377 Brass Rod
- Temperature ranges from -40°F to 160°F
- Working pressure: 150 PSI maximum

75

 <b>1/4 X 1/8 MALE</b> <b>P/N 53303</b>	 <b>3/8 X 1/4 MALE</b> <b>P/N 53311</b>	 <b>1/4 X 3/8 FEMALE</b> <b>P/N 53355</b>	 <b>1/4 X 1/8</b> <b>MALE 90° ELBOW</b> <b>P/N 53375</b>	 <b>3/8 X 3/8</b> <b>MALE 90° ELBOW</b> <b>P/N 53381</b>	 <b>3/8 Tee</b> <b>P/N 53418</b>
 <b>1/4 X 1/4 MALE</b> <b>P/N 53304</b>	 <b>3/8 X 3/8 MALE</b> <b>P/N 53312</b>	 <b>3/8 X 1/8 FEMALE</b> <b>P/N 53359</b>	 <b>1/4 X 1/4</b> <b>MALE 90° ELBOW</b> <b>P/N 53376</b>	 <b>1/4 X 1/8</b> <b>MALE 45° ELBOW</b> <b>P/N 53410</b>	 <b>1/4 ID</b> <b>BRASS HOSE MENDER</b> <b>P/N 52240</b>
 <b>1/4 X 3/8 MALE</b> <b>P/N 53305</b>	 <b>1/4 X 1/8 FEMALE</b> <b>P/N 53353</b>	 <b>3/8 X 1/4 FEMALE</b> <b>P/N 53360</b>	 <b>3/8 X 1/8</b> <b>MALE 90° ELBOW</b> <b>P/N 53379</b>	 <b>3/8 X 1/4</b> <b>MALE 45° ELBOW</b> <b>P/N 53414</b>	 <b>5/16 I.D.</b> <b>BRASS HOSE MENDER</b> <b>P/N 52242</b>
 <b>3/8 X 1/8 MALE</b> <b>P/N 53310</b>	 <b>1/4 X 1/4 FEMALE</b> <b>P/N 53354</b>	 <b>3/8 X 3/8 FEMALE</b> <b>P/N 53361</b>	 <b>3/8 X 1/4</b> <b>MALE 90° ELBOW</b> <b>P/N 53380</b>	 <b>1/4 TEE</b> <b>P/N 53416</b>	 <b>3/8 I.D.</b> <b>BRASS HOSE MENDER</b> <b>P/N 52244</b>

A29-12

**TRAY FRONT**



# GARDEN HOSE FITTINGS ASSORTMENT

## FEATURES

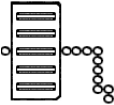
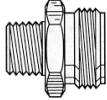
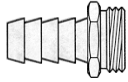
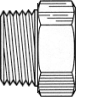
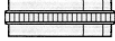
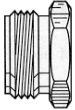
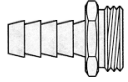
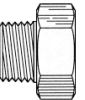


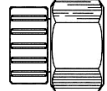

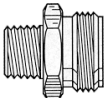
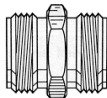
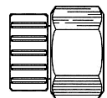
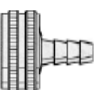
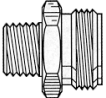
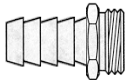
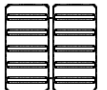

- Manufactured from CA360 or CA345 brass
- Working pressure: 75 PSI (or recommended working pressure of garden hose used - not to exceed 150 PSI)
- Temperature Range: -35°F to 100°F

- Hose barb ends are intended for use with hose clamps
- All female connector ends should have a garden hose washer inserted prior to usage
- All garden hose ends are standard 3/4 garden hose thread

P/N 17779



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 GARDEN HOSE CAP WITH CHAIN <b>P/N 53280</b> 	 MALE GARDEN HOSE X 3/8 MALE PIPE <b>P/N 53285</b> 	 MALE GARDEN HOSE X 5/8 HOSE BARB <b>P/N 53290</b> 	 FEMALE GARDEN HOSE X 3/4 MALE PIPE <b>P/N 53295</b> 
 GARDEN HOSE CAP <b>P/N 53281</b> 	 MALE GARDEN HOSE X 3/4 FEMALE PIPE <b>P/N 53286</b> 	 MALE GARDEN HOSE X 1/2 HOSE BARB <b>P/N 53291</b> 	 FEMALE GARDEN HOSE X 1/2 MALE PIPE <b>P/N 53296</b> 
 GARDEN HOSE PLASTIC WASHER <b>P/N 53282</b> 	 MALE GARDEN HOSE X 1/2 FEMALE PIPE <b>P/N 53287</b> 	 FEMALE SWIVEL GARDEN HOSE X 3/4 FEMALE PIPE <b>P/N 53292</b> 	 FEMALE SWIVEL GARDEN HOSE X 3/4 HOSE BARB <b>P/N 53297</b> 
 MALE GARDEN HOSE X 3/4 MALE PIPE <b>P/N 53283</b> 	 MALE GARDEN HOSE UNION <b>P/N 53288</b> 	 FEMALE SWIVEL GARDEN HOSE X 1/2 FEMALE PIPE <b>P/N 53293</b> 	 FEMALE SWIVEL GARDEN HOSE X 5/8 HOSE BARB <b>P/N 53298</b> 
 MALE GARDEN HOSE X 1/2 MALE PIPE <b>P/N 53284</b> 	 MALE GARDEN HOSE X 3/4 HOSE BARB <b>P/N 53289</b> 	 FEMALE SWIVEL GARDEN HOSE UNION <b>P/N 53294</b> 	 FEMALE SWIVEL GARDEN HOSE X 1/2 HOSE BARB <b>P/N 53299</b> 

A29-13

TRAY FRONT

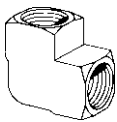
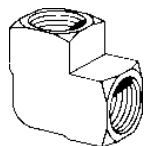
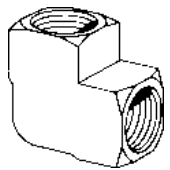
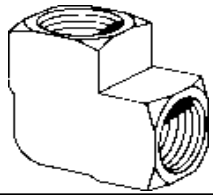
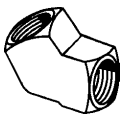
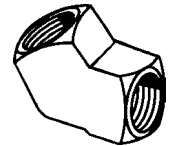
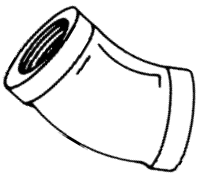
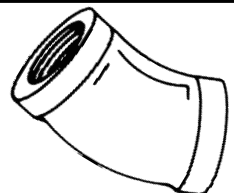
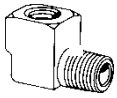
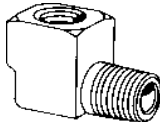
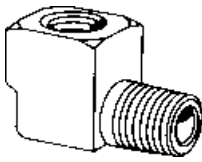
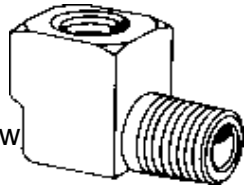
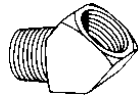
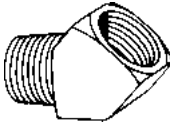
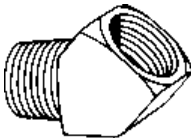
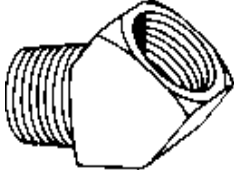
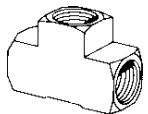
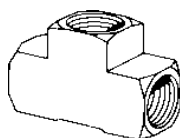
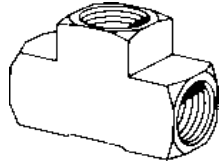
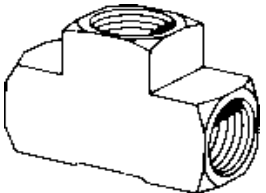
**FEATURES:**

- High pressure water, air, oil, lp and natural gas applications
- Manufactured from virgin high density brass alloy
- Positive mechanical seal
- Large ranges of styles and sizes

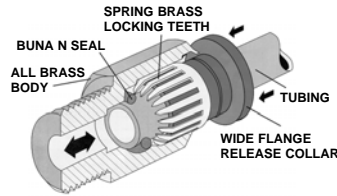
**SPECIFICATIONS:**

**Pressure:** 1,200 psi operating. Proof pressure up to 15,000 psi for 1/8" and 1/4" pipe; 5,000 psi on larger sizes  
**Temperature:** -65°F to +250°F at 1,000 psi  
**Vibration:** Good resistance

**Use with:** Brass, copper or iron pipe  
**Conformance:** Meets specifications of SAE automotive pipe fitting standards  
**Assembly Instructions:** Tighten a minimum of 2-1/2 full turns past hand tight

<b>1/8 Elbow</b> <b>P/N 54244</b> 	<b>1/4 Elbow</b> <b>P/N 54245</b> 	<b>3/8 Elbow</b> <b>P/N 54246</b> 	<b>1/2 Elbow</b> <b>P/N 54247</b> 
<b>1/8 45° Elbow</b> <b>P/N 54240</b> 	<b>1/4 45° Elbow</b> <b>P/N 54241</b> 	<b>3/8 45° Elbow</b> <b>P/N 54242</b> 	<b>1/2 45° Elbow</b> <b>P/N 54243</b> 
<b>1/8 Street Elbow</b> <b>P/N 54375</b> 	<b>1/4 Street Elbow</b> <b>P/N 54376</b> 	<b>3/8 Street Elbow</b> <b>P/N 54378</b> 	<b>1/2 Street Elbow</b> <b>P/N 54379</b> 
<b>1/8 45° Street Elbow</b> <b>P/N 54453</b> 	<b>1/4 45° Street Elbow</b> <b>P/N 54454</b> 	<b>3/8 45° Street Elbow</b> <b>P/N 54455</b> 	<b>1/2 45° Street Elbow</b> <b>P/N 54456</b> 
<b>1/8 Tee</b> <b>P/N 54254</b> 	<b>1/4 Tee</b> <b>P/N 54255</b> 	<b>3/8 Tee</b> <b>P/N 54256</b> 	<b>1/2 Tee</b> <b>P/N 54257</b> 

**TRAY FRONT**



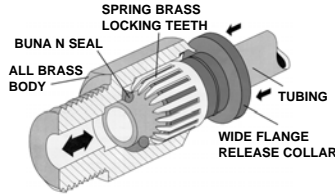
# METRIC INSTANT FITTINGS ASSORTMENT (4mm to 8mm) P/N 17856

**FEATURES:**

- Easy one piece connection requires no tools or components to connect – saves time and money
- Automatically locks and seals to the max. working pressure
- Male pipe threads are precoated with liquid sealant for faster assembly
- Unrestricted tube I.D. allows for maximum airflow

 Male Connector 4mm x 1/8 <b>P/N 56001</b>	 Male Connector 4mm x 1/4 <b>P/N 56002</b>	 Male Connector 6mm x 1/8 <b>P/N 56004</b>	 Male Connector 6mm x 1/4 <b>P/N 56005</b>	 Male Connector 8mm x 1/4 <b>P/N 56007</b>	 Male Connector 8mm x 3/8 <b>P/N 56008</b>
 Swivel Elbow 4mm x 1/8 <b>P/N 56015</b>	 Swivel Elbow 4mm x 1/4 <b>P/N 56016</b>	 Swivel Elbow 6mm x 1/8 <b>P/N 56017</b>	 Swivel Elbow 6mm x 1/4 <b>P/N 56018</b>	 Swivel Elbow 8mm x 1/4 <b>P/N 56020</b>	 Swivel Elbow 8mm x 3/8 <b>P/N 56021</b>
 4mm Union <b>P/N 56042</b>	 6mm Union <b>P/N 56043</b>	 8mm Union <b>P/N 56044</b>	 4mm Union Tee <b>P/N 56052</b>	 6mm Union Tee <b>P/N 56053</b>	 8mm Union Tee <b>P/N 56054</b>
 Female Connector 4mm x 1/8 <b>P/N 56057</b>	 Female Connector 6mm x 1/8 <b>P/N 56059</b>	 Female Connector 8mm x 1/4 <b>P/N 56062</b>	 Swivel Branch Tee 4mm x 1/8 <b>P/N 56065</b>	 Swivel Branch Tee 6mm x 1/4 <b>P/N 56067</b>	 Swivel Branch Tee 8mm x 1/4 <b>P/N 56069</b>

TRAY FRONT



























# METRIC INSTANT FITTINGS P/N 17857

## ASSORTMENT (10mm to 12mm)

**FEATURES:**

- Easy one piece connection requires no tools or components to connect – saves time and money
- Automatically locks and seals to the max. working pressure

- Male pipe threads are precoated with liquid sealant for faster assembly
- Unrestricted tube I.D. allows for maximum airflow

 Male Connector 10mm x 1/4 <b>P/N 56009</b>	 Male Connector 10mm x 3/8 <b>P/N 56010</b>	 Male Connector 12mm x 3/8 <b>P/N 56013</b>	 Male Connector 12mm x 1/2 <b>P/N 56014</b>	 Swivel Elbow 10mm x 1/4 <b>P/N 56022</b>	 Swivel Elbow 10mm x 3/8 <b>P/N 56023</b>
 Swivel Elbow 12mm x 3/8 <b>P/N 56025</b>	 Swivel Elbow 12mm x 1/2 <b>P/N 56026</b>	 Male Swivel Run Tee 10mm x 1/4 <b>P/N 56032</b>	 Male Swivel Run Tee 10mm x 3/8 <b>P/N 56033</b>	 Male Swivel Run Tee 12mm x 3/8 <b>P/N 56034</b>	 Male Swivel Run Tee 12mm x 1/2 <b>P/N 56035</b>
 10mm Union <b>P/N 56045</b>	 12mm Union <b>P/N 56046</b>	 10mm Union Elbow <b>P/N 56050</b>	 12mm Union Elbow <b>P/N 56051</b>	 10mm Union Tee <b>P/N 56055</b>	 12mm Union Tee <b>P/N 56056</b>
 Female Connector 10mm x 3/8 <b>P/N 56063</b>	 Female Connector 12mm x 3/8 <b>P/N 56064</b>	 Swivel Branch Tee 10mm x 1/4 <b>P/N 56070</b>	 Swivel Branch Tee 10mm x 3/8 <b>P/N 56071</b>	 Swivel Branch Tee 12mm x 3/8 <b>P/N 56073</b>	 Swivel Branch Tee 12mm x 1/2 <b>P/N 56074</b>

TRAY FRONT



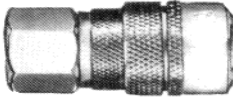
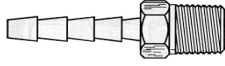


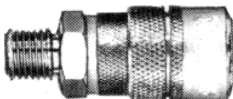
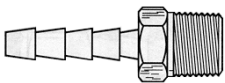


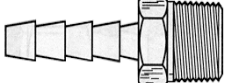

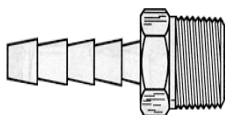
# AIR HOSE REPAIR KIT ASSORTMENT

P/N 17862

**FEATURES:**

- All components necessary repair 1/4" and 3/8" air hose
- Industrial interchange couplers and plugs can be used with any connectors that meet MIL-C-4109
- All stainless steel hose clamps for maximum corrosion resistance
- Precision made Blo-Gun easily controls air flow

67

 <p>1/4 NPT Female Quick Disconnect Brass Coupler Body <b>P/N 52200</b></p>	 <p>1/4 x 1/8 Male Hose Barb <b>P/N 53303</b></p>	 <p>1/4 to 5/8 S/S #4 Mini Clamp <b>P/N 40507</b></p>	 <p>5/16 to 7/8 S/S #6 Mini Clamp <b>P/N 40508</b></p>
 <p>1/4 NPT Male Quick Disconnect Brass Coupler Body <b>P/N 52216</b></p>	 <p>1/4 x 1/4 Male Hose Barb <b>P/N 53304</b></p>	 <p>1/4 I.D. Brass Hose Mender <b>P/N 52240</b></p>	
 <p>1/4 NPT Female Quick Disconnect Brass Coupler Plug <b>P/N 52218</b></p>	 <p>3/8 x 1/4 Male Hose Barb <b>P/N 53311</b></p>		
 <p>1/4 NPT Male Quick Disconnect Brass Coupler Plug <b>P/N 52202</b></p>	 <p>3/8 x 3/8 Male Hose Barb <b>P/N 53312</b></p>	<b>TRAY FRONT</b>	

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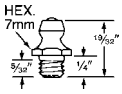

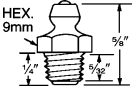

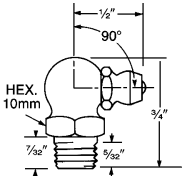

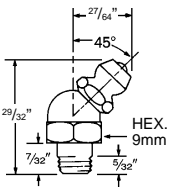

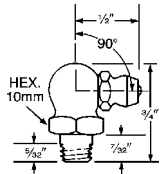

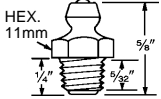

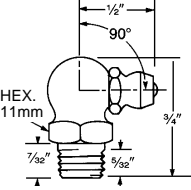

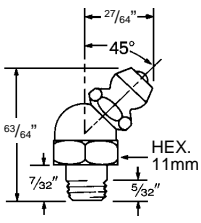

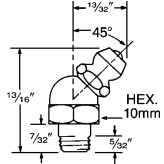
# METRIC GREASE FITTING ASSORTMENT

P/N 17866

**FEATURES:**

- Precision made, case hardened and cadmium plated
- High pressure ball check for superior performance

135

  <p>6mm x 1.0 STRAIGHT MALE PIPE THREAD P/N 54741</p>	  <p>8mm x 1.0 STRAIGHT MALE PIPE THREAD P/N 54744</p>	  <p>8mm x 1.0 90° MALE PIPE THREAD P/N 54745</p>	  <p>8mm x 1.0 45° MALE PIPE THREAD P/N 54746</p>
  <p>6mm x 1.0 90° MALE PIPE THREAD P/N 54742</p>	  <p>10mm x 1.0 STRAIGHT MALE PIPE THREAD P/N 54749</p>	  <p>10mm x 1.0 90° MALE PIPE THREAD P/N 54748</p>	  <p>10mm x 1.0 45° MALE PIPE THREAD P/N 54747</p>
  <p>6mm x 1.0 45° MALE PIPE THREAD P/N 54743</p>	<p>10mm x 1.0 STRAIGHT MALE PIPE THREAD P/N 54749</p>	<p>10mm x 1.0 90° MALE PIPE THREAD P/N 54748</p>	<p>10mm x 1.0 45° MALE PIPE THREAD P/N 54747</p>

TRAY FRONT



# OIL PAN DRAIN PLUG ASSORTMENT











P/N 17947

**FEATURES:**

- Made of steel
- Oversized used to replace stripped out drain plug
- Double oversized used to replace stripped out self-tapping oversized plug
- Triple oversized used to replace stripped out oversized plug or self-tapping double oversized plug

- Piggyback fits stripped 1/2" threads in oil pan
- Piggyback fits AM, GM, Chrysler and Ford products thru 1981 with 1/2" pan plugs
- Long Tip style made for easier installation
- Universal rubber drain plug used for stripped threads in oil pan

64

 <p>1/2-20 STANDARD OIL PAN DRAIN PLUG P/N 54190</p>	 <p>1/2-20 STANDARD OIL PAN DRAIN PLUG W/LONG TIP P/N 54192</p>	 <p>1/2-20 OVERSIZED OIL PAN DRAIN PLUG P/N 54196</p>	 <p>1/2-20 DOUBLE OVERSIZED OIL PAN DRAIN PLUG P/N 54197</p>
 <p>1/2-20 TRIPLE OVERSIZED OIL PAN DRAIN PLUG P/N 54198</p>	 <p>1/2-20 OVERSIZED PIGGYBACK OIL PAN DRAIN PLUG P/N 54200</p>	 <p>1/2-20 DOUBLE OVERSIZED PIGGYBACK OIL PAN DRAIN PLUG P/N 54201</p>	 <p>1/2 FIBER GASKET FOR DRIAN PLUG P/N 54202</p>
 <p>1/2 FIBER GASKET FOR OVERSIZED DRAIN PLUG P/N 54206</p>	 <p>1/2 FIBER GASKET FOR LONG TIP DRAIN PLUG P/N 54208</p>	 <p>1/2 NYLON GASKET FOR DRAIN PLUG P/N 54209</p>	 <p>1/2 UNIVERSAL RUBBER DRAIN PLUG P/N 54212</p>

A29-20

TRAY FRONT



# METRIC OIL PAN DRAIN PLUG ASSORTMENT

P/N 17951

**FEATURES:**

- Metric steel drain plugs to fit most oil pans
- Nylon gaskets for all drain plug sizes
- Specialty gasket includes one-piece metal gasket and synthetic rubber equivalent O-ring center

74

 <p>12mm X 1.25 OIL PAN DRAIN PLUG P/N 54213</p>	 <p>12mm X 1.75 OIL PAN DRAIN PLUG P/N 54226</p>	 <p>14mm X 1.50 OIL PAN DRAIN PLUG P/N 54214</p>	 <p>16mm X 1.50 OIL PAN DRAIN PLUG P/N 54215</p>
 <p>18mm X 1.50 OIL PAN DRAIN PLUG P/N 54216</p>	 <p>20mm X 1.50 OIL PAN DRAIN PLUG P/N 54217</p>	 <p>12mm NYLON GASKET FOR DRAIN PLUG P/N 54227</p>	 <p>14mm NYLON GASKET FOR DRAIN PLUG P/N 54228</p>
 <p>16mm NYLON GASKET FOR DRAIN PLUG P/N 54229</p>	 <p>18mm NYLON GASKET FOR DRAIN PLUG P/N 54230</p>	 <p>20mm NYLON GASKET FOR DRAIN PLUG P/N 54231</p>	 <p>12mm SPECIALTY GASKET P/N 54225</p>

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**TRAY FRONT**

ILLUSTRATIONS ACTUAL SIZE  
Label No. 168348

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020105

# COMPOSITE FITTINGS – FRACTIONAL

P/N 17992

**FEATURES:**

- Positive gripping action of gripping ring allows tubing to withstand vibration with or without pressure
- Unrestricted ID allows maximum flow
- Possible to use smaller tube size where larger tubing with compression or barb fitting has been required
- Fully reusable since there are no ferrules or inserts
- Elbow and tee configurations are orientable
- One-piece fitting means reduced assembly time and fewer parts in inventory
- Tapered male pipe threads have pre-applied thread sealant.

30

<p>1/8 x 1/8 Male Connector P/N 55301</p> 	<p>3/8 x 3/8 Male Connector P/N 44308</p> 	<p>3/8 x 1/4 Male Elbow P/N 44618</p> 	<p>1/8 Union P/N 44724</p> 
<p>1/4 x 1/8 Male Connector P/N 44300</p> 	<p>1/8 x 1/8 Male Elbow P/N 44604</p> 	<p>3/8 x 3/8 Male Elbow P/N 44619</p> 	<p>1/4 Union P/N 44727</p> 
<p>1/4 x 1/4 Male Connector P/N 44302</p> 	<p>1/4 x 1/8 Male Elbow P/N 44611</p> 	<p>1/4 Union Tee P/N 44717</p> 	<p>3/8 Union P/N 44729</p> 
<p>3/8 x 1/4 Male Connector P/N 44306</p> 	<p>1/4 x 1/4 Male Elbow P/N 44612</p> 	<p>3/8 Union Tee P/N 44719</p> 	

TRAY FRONT

A29-22

# COMPOSITE FITTINGS – METRIC

**P/N 17993**
**FEATURES:**

- Easy one piece construction
- No tools or extra components needed to connect fitting
- Reduced assembly time . . . up to 75% savings compared to compression fittings
- Automatically locks and seals to maximum working pressure
- Wide release collar allows fast and easy removal of tubing for line checks

- Male pipe threads are precoatd with liquid sealant
- Unique positive gripping action of locking teeth allows tubing to withstand vibration with or without pressure
- Because there is no nut, fittings can be closely mounted
- Unrestricted tube I.D. allows for maximum airflow
- Fully reusable and silicon free

4mm x 1/8 Male Connector <b>P/N 56001</b> 	8mm x 1/4 Male Connector <b>P/N 56007</b> 	6mm x 1/4 Male Elbow <b>P/N 44805</b> 	6mm Union <b>P/N 44885</b> 
4mm x 1/4 Male Connector <b>P/N 56002</b> 	8mm x 3/8 Male Connector <b>P/N 56008</b> 	8mm x 1/8 Male Elbow <b>P/N 44806</b> 	8mm (5/16) Union <b>P/N 44728</b> 
6mm x 1/8 Male Connector <b>P/N 56004</b> 	4mm x 1/8 Male Elbow <b>P/N 44802</b> 	8mm x 1/4 Male Elbow <b>P/N 44807</b> 	4mm (5/32) Union Tee <b>P/N 44715</b> 
6mm x 1/4 Male Connector <b>P/N 56005</b> 	4mm x 1/4 Male Elbow <b>P/N 44803</b> 	8mm x 3/8 Male Elbow <b>P/N 44808</b> 	6mm Union Tee <b>P/N 44875</b> 
8mm x 1/8 Male Connector <b>P/N 56006</b> 	6mm x 1/8 Male Elbow <b>P/N 44804</b> 	4mm (5/32) Union <b>P/N 44884</b> 	8mm (5/16) Union Tee <b>P/N 44718</b> 

**TRAY FRONT**





















# PRESS FITTINGS - COPPER/PRESS-FIT ASSORTMENT

P/N 17050

**FEATURES:**

- Combines all the known advantages of copper with clean, rapid, heat-free joining technology
- No glues, fluxes or solder needed
- A purpose designed O-ring provides the mechanism by which a perfect seal is created
- No consumable materials - reduces material cost and storage

36

 <p>COUPLING WITH STOP - CXC 1/2" P/N 51214</p>	 <p>COUPLING WITH STOP - CXC 3/4" P/N 51215</p>	 <p>COUPLING WITHOUT STOP - CXC 1/2" P/N 51223</p>	 <p>COUPLING WITHOUT STOP - CXC 3/4" P/N 51224</p>
 <p>REDUCER COUPLER - CXC 3/4" x 1/2" P/N 51232</p>	 <p>COUPLER FEMALE ADAPTER - CXF 1/2" x 1/2" P/N 51257</p>	 <p>COUPLER FEMALE ADAPTER - CXF 3/4" x 3/4" P/N 51258</p>	 <p>COUPLER MALE ADAPTER - CXM 1/2" x 1/2" P/N 51282</p>
 <p>COUPLER MALE ADAPTER - CXM 3/4" x 3/4" P/N 51283</p>	 <p>45° ELBOW - CXC 1/2" P/N 51308</p>	 <p>45° ELBOW - CXC 3/4" P/N 51309</p>	 <p>90° ELBOW - CXC 1/2" P/N 51326</p>
 <p>90° ELBOW - CXC 3/4" P/N 51327</p>	 <p>TEE - CXCXC 1/2" x 1/2" x 1/2" P/N 51350</p>	 <p>TEE - CXCXC 3/4" x 3/4" x 3/4" P/N 51351</p>	<p>EXPANSION</p>
 <p>TEE - CXCXC 3/4" x 3/4" x 1/2" P/N 51362</p>	 <p>TUBE CAP - C 1/2" P/N 51489</p>	 <p>TUBE CAP - C 3/4" P/N 51490</p>	<p>EXPANSION</p>

A29-24

TRAY FRONT



# PUSH FITTINGS - COPPER/PUSH-IN ASSORTMENT



















P/N 17051

**FEATURES:**

- Provide plumbing system design flexibility by allowing you to join Copper and CPVC lines with just one fitting

- The fittings simply push together in seconds to create a perfect joint.
- No torches and no solder are required

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 <p>COUPLING WITH STOP - CXC 1/2" P/N 51170</p>	 <p>COUPLING WITH STOP - CXC 3/4" P/N 51171</p>	 <p>COUPLING - CXC 3/4" x 1/2" P/N 51173</p>	 <p>FEMALE ADAPTER - CXF 1/2" P/N 51176</p>
 <p>FEMALE ADAPTER - CXF 3/4" P/N 51177</p>	 <p>MALE ADAPTER - CXM 1/2" P/N 51179</p>	 <p>MALE ADAPTER - CXM 3/4" P/N 51180</p>	 <p>45° ELBOW - CXC 1/2" P/N 51182</p>
 <p>45° ELBOW - CXC 3/4" P/N 51183</p>	 <p>90° ELBOW - CXC 1/2" P/N 51188</p>	 <p>90° ELBOW - CXC 3/4" P/N 51189</p>	 <p>90° STREET ELBOW - FTGX 1/2" P/N 51191</p>
 <p>90° STREET ELBOW - FTGX 3/4" P/N 51192</p>	 <p>TEE - CXCXC 1/2" x 1/2" x 1/2" P/N 51201</p>	 <p>TEE - CXCXC 3/4" x 3/4" x 3/4" P/N 51202</p>	<p>EXPANSION</p>
 <p>TEE - CXCXC 3/4" x 3/4" x 1/2" P/N 51203</p>	 <p>TUBE CAP - C 1/2" P/N 51207</p>	 <p>TUBE CAP - C 3/4" P/N 51208</p>	<p>EXPANSION</p>

TRAY FRONT

A29-25





# REMOVABLE FITTINGS - COPPER/PUSH-IN ASSORTMENT

**FEATURES:**

- For 1/2" to 1" diameter potable water systems
- Heat free method for joining Copper and CPVC tube
- The fittings simply push together in seconds to create a perfect joint, they are designed to save time and money on installations

- No torches and no solder are required
- Requires no extra materials beyond the fitting for Copper and CPVC tube installations
- The use of solder, flux, heat or special pressing tools is eliminated

**P/N 17052**

38

A29-26

 <p>COUPLING WITH STOP - C X C 1/2" <b>P/N 51600</b></p>	 <p>COUPLING WITH STOP - C X C 3/4" <b>P/N 51601</b></p>	 <p>REDUCER COUPLING - C X C 3/4" x 1/2" <b>P/N 51606</b></p>	 <p>FEMALE ADAPTER - C X F 1/2" <b>P/N 51608</b></p>
 <p>FEMALE ADAPTER - C X F 3/4" <b>P/N 51609</b></p>	 <p>MALE ADAPTER - C X M 1/2" <b>P/N 51614</b></p>	 <p>MALE ADAPTER - C X M 3/4" <b>P/N 51615</b></p>	 <p>90° ELBOW - C X C 1/2" <b>P/N 51627</b></p>
 <p>90° ELBOW - C X C 3/4" <b>P/N 51628</b></p>	 <p>TEE FITTINGS - C X C X C 1/2" <b>P/N 51635</b></p>	 <p>TEE FITTINGS - C X C X C 3/4" <b>P/N 51636</b></p>	 <p>TEE FITTINGS - C X C X C 3/4" x 3/4" x 1/2" <b>P/N 51639</b></p>
 <p>TUBE CAP - C 1/2" <b>P/N 51654</b></p>	 <p>TUBE CAP - C 3/4" <b>P/N 51655</b></p>	 <p>DEMOUNTING CLIP 1/2" <b>P/N 51660</b></p>	 <p>DEMOUNTING CLIP 3/4" <b>P/N 51661</b></p>
 <p>SLIP COUPLING 1/2" <b>P/N 51663</b></p>	 <p>SLIP COUPLING 3/4" <b>P/N 51664</b></p>	 <p>BALL VALVE 1/2" <b>P/N 51670</b></p>	 <p>BALL VALVE 3/4" <b>P/N 51671</b></p>

**TRAY FRONT**



# TAPERED POLY CAPS AND PLUGS, RED


## FEATURES

- Use as a cap or a plug
- Made from flexible low density polyethylene
- Fits snugly, yet removable
- Use on MIL Std., SAE type tube, hydraulic fittings, plus threaded external and internal NPT fittings

P/N 17689



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  <p>T-1 Tapered Poly Plug, Non-thread Plug Size: 0.302" Cap Size: 0.174" <b>P/N 39892</b></p>	  <p>T-5 Tapered Poly Plug, Non-thread Plug Size: 0.547" Cap Size: 0.409" <b>P/N 39900</b></p>	  <p>T-9 Tapered Poly Plug, Non-thread Plug Size: 0.788" Cap Size: 0.628" <b>P/N 39911</b></p>	  <p>T-12X Tapered Poly Plug, Non-thread Plug Size: 1.040" Cap Size: 0.855" <b>P/N 39920</b></p>
  <p>T-2 Tapered Poly Plug, Non-thread Plug Size: 0.365" Cap Size: 0.235" <b>P/N 39893</b></p>	  <p>T-6 Tapered Poly Plug, Non-thread Plug Size: 0.608" Cap Size: 0.468" <b>P/N 39903</b></p>	  <p>T-9X Tapered Poly Plug, Non-thread Plug Size: 0.823" Cap Size: 0.663" <b>P/N 39912</b></p>	  <p>T-13 Tapered Poly Plug, Non-thread Plug Size: 1.090" Cap Size: 0.901" <b>P/N 39922</b></p>
  <p>T-2X Tapered Poly Plug, Non-thread Plug Size: 0.396" Cap Size: 0.267" <b>P/N 39895</b></p>	  <p>T-6X Tapered Poly Plug, Non-thread Plug Size: 0.631" Cap Size: 0.487" <b>P/N 39904</b></p>	  <p>T-10 Tapered Poly Plug, Non-thread Plug Size: 0.848" Cap Size: 0.687" <b>P/N 39914</b></p>	  <p>T-15X Tapered Poly Plug, Non-thread Plug Size: 1.360" Cap Size: 1.173" <b>P/N 39928</b></p>
  <p>T-3 Tapered Poly Plug, Non-thread Plug Size: 0.396" Cap Size: 0.267" <b>P/N 39896</b></p>	  <p>T-7 Tapered Poly Plug, Non-thread Plug Size: 0.667" Cap Size: 0.518" <b>P/N 39906</b></p>	  <p>T-11 Tapered Poly Plug, Non-thread Plug Size: 0.911" Cap Size: 0.740" <b>P/N 39915</b></p>	  <p>T-17S Tapered Poly Plug, Non-thread Plug Size: 1.600" Cap Size: 1.451" <b>P/N 39935</b></p>
  <p>T-4 Tapered Poly Plug, Non-thread Plug Size: 0.485" Cap Size: 0.356" <b>P/N 39898</b></p>	  <p>T-8X Tapered Poly Plug, Non-thread Plug Size: 0.755" Cap Size: 0.613" <b>P/N 39910</b></p>		

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