

## AIR BRAKE NTA FITTINGS

Specifications		Materials of Construction	
Pressure Range:	Up to 150 PSI	Fittings:	Brass
Temperature Range:	-40° to +200° F	Nuts:	Brass
		Sleeve:	Brass
		Thread Sealant:	Loctite Vibra-Seal 595
		Tube Support:	Stainless Steel
Tubing Sizes		Nomenclature	
Tube Material:	SAE J844 Type A & B Nylon Tubing	Example: VS68NTA-10-8	Attribute
Tube O.D.:	3/16, 1/4, 3/8, 1/2, 5/8, 3/4	VS	Thread Sealant
		68	Male Connector
		NTA	Nylon Tube Air Brake Fitting
		10	5/8" (10/16) Tube Size
		8	1/2" (8/16) PIPE THREAD



## COMPRESSION BIO-DIESEL FITTINGS

Specifications		Materials of Construction	
Pressure Range:	Up to 150 PSI	Fittings:	Electroless-Nickel (ENI) Plated Brass
Temperature Range:	-40° to +200° F	Nuts:	Brass
		Sleeve:	Brass
		Thread Sealant:	Loctite Vibra-Seal 595
		Tube Support:	Stainless Steel
Tubing Sizes		Nomenclature	
Tube Material:	SAE J844 Type A & B Nylon Tubing	Example: VS68NTA-10-8	Attribute
Tube O.D.:	3/16, 1/4, 3/8, 1/2, 5/8, 3/4	VS	Thread Sealant
		68	Male Connector
		NTA	Nylon Tube Air Brake Fitting
		10	5/8" (10/16) Tube Size
		8	1/2" (8/16) PIPE THREAD



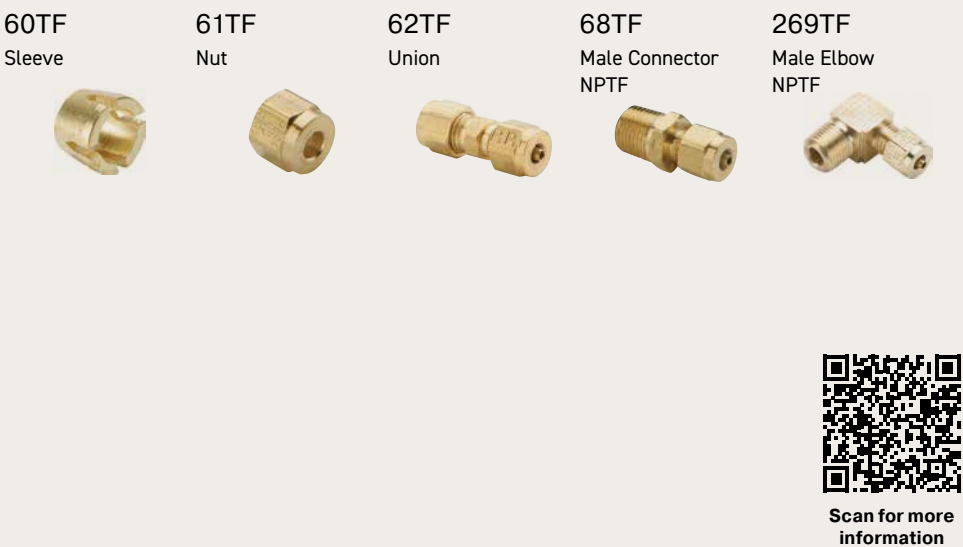
## AIR BRAKE AB FITTINGS

Specifications		Materials of Construction	
Operating Fluid:	Water, Air, Inert Acid, Non-Combustible Gases Compatible With Materials Of Construction	Fittings:	Brass
Pressure Range:	Up to 400 PSI	Nuts:	Brass
Temperature Range:	From -65° to +250° F	Sleeves:	Brass
		Thread Sealant:	Loctite Vibra-Seal 595
		Tube Support:	Stainless Steel
Tubing Sizes		Nomenclature	
Tube Material:	Copper, SAE J844 Type A & B Nylon Tubing (With Addition of NTA Tube Support)	Example: VS68AB-10-8	Attribute
Tube O.D.:	1/4, 3/8, 1/2, 5/8, 3/4	VS	Thread Sealant
		68	Male Connector
		AB	Air Brake
		10	5/8 Tube Size
		8	1/2 Pipe Thread



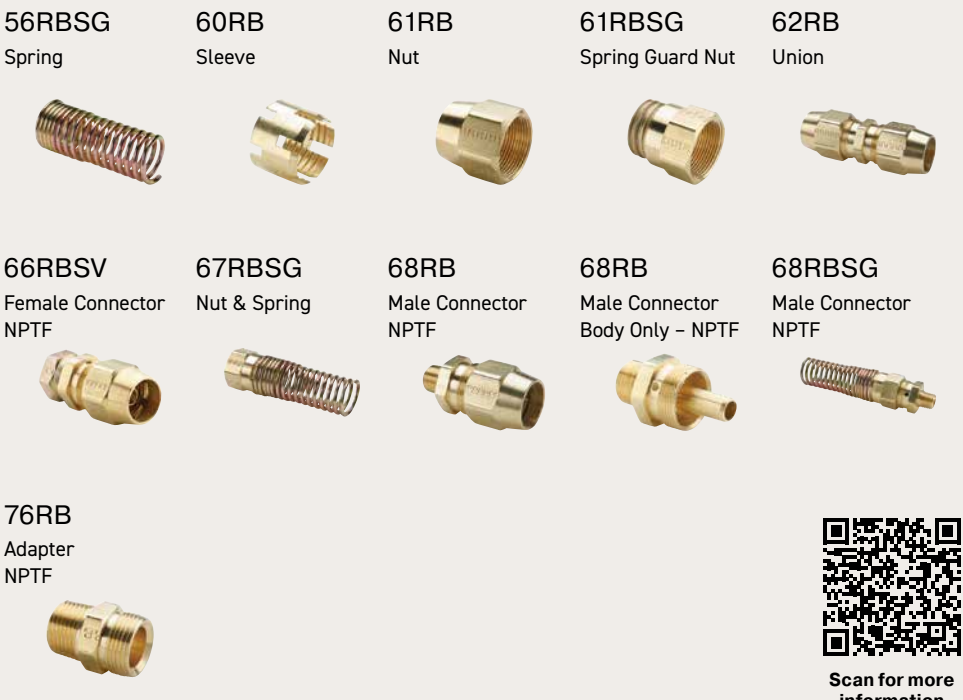
## TRANSMISSION FITTINGS

Specifications		Materials of Construction	
PRESSURE RANGE:	Up to 150 PSI (10.3 bar)	FITTINGS:	BRASS
TEMPERATURE RANGE:	-40° to +200° F (-40° to +93.3° C)	NUTS:	BRASS
		SLEEVE:	BRASS
Tubing Sizes		Nomenclature	
TUBE MATERIAL:	SAE J844 Type A & B Nylon Tubing	Example: 33TF-2-1	Attribute
Tube O.D.:	1/8, 5/32	68	Male Connector
Tube Size:	Turns Required to Seal From Hand-Tight	TF	Transmission Fitting
1/8, 5/32	2	2	1/8 Tube Size
1-1/2	3	1	1/16 Pipe Thread



## AIR BRAKE HOSE ENDS FITTINGS

Specifications		Materials of Construction	
Construction:	Tube - Synthetic Rubber, Reinforcement - One or More Fabric Braids or Spirals, Cover - Abrasion, Oil and Age Resistant Synthetic Rubber	Fittings:	Brass
Identification:	Parker Part Number and Appropriate SAE and DOT Markings	Nuts:	Brass
Application:	Air Brake Systems	Sleeves:	Brass
Pressure Range:	Up to 400 PSI		
Temperature Range:	-65° F to +250° F		
Hose Sizes		Nomenclature	
Hose Material:	Parker 271 and SAE J1402	Example: 68RBSG-6-1	Attribute
Hose Size:	5/8 and 1/2	68	Male Connector
		RB	Air Brake Hose End
		SG	Spring Guard
		6	3/8 Hose I.D.
		8	1/2 Pipe Thread



## ISO PORT ADAPTERS

Specifications		Markets	
Construction:	Brass	Industrial, Construction, Mobile, Factory/Process Automation	
Identification:	Parker Part Number and Appropriate SAE and DOT Markings		
Applications:	Airlines, Water Lines, Cooling Lines		
Pressure Range:	Dependent on Tubing or Hose End Connection		
Temperature Range:	Dependent on Tubing or Hose End Connection		



## SAFE LOCK (J2044)

Specifications		Materials of Construction	
Pressure Range:	-7.2 to +72 PSI (-0.4 to 4.9 bar)	Quick Connect:	Nylon PA12
Temperature Range:	-40° to +239° F (-40° to +115° C)	Male End Form:	Brass or ENI Brass
Applications:	Engine Equipment, Diesel Fuel Supply, Heating / Cooling, Vapor Emissions		
Quick Connect:	5/16" to 5/8" SAE J2044 x Hose Barb, Straight and 90°		
Male End Form:	5/16" to 5/8" SAE J2044, NPT or ISO, Straight and 90°		



## SHUTTLE VALVES

Specifications		Materials of Construction	
Pressure Range:	Up to 250 psi (17.24 bar)	Fitting Body:	Composite
Temperature Range:	-40° F to +230° F (-40° C to 110° C)	Coil:	Brass
Flow Rate:	Delivers 31 scfm @ 90psi	Tube Support:	Stainless Steel
Compatible Tubing:	SAE J844 Type A & B Nylon Tubing	O-Ring:	HNBR
		Threads:	Brass
Tubing Sizes		Nomenclature	
Tube O.D.:	3/8	Example: VS37PTCSV-4-6	Attribute
		VS	Thread Sealant
		37	Male Run Tee
		PTCSV	PTC Shuttle Valve
		4	1/4 Tube Size
		6	3/8 Pipe Thread



## PTC BRASS PUSH-IN AIR BRAKE FITTINGS

Specifications		Materials of Construction	
Pressure Range:	Up to 250 PSI	Fitting Bodies:	Brass
Temperature Range:	-50° to +230° F (-45.5° to +100° C)	Coil:	Brass
Temperature Range:	-40° to +200° F (-40° to +93.3° C)	Tube Support:	Copper or Stainless Steel
		O-Ring:	HNBR
Tubing Sizes		Nomenclature	
Tube Material:	SAE J844 Type A & B Nylon Tubing	Example: 68PTC-4-4	Attribute
Tube O.D.:	5/32", 3/16", 1/4, 3/8, 1/2, 5/8, 3/4	68	Male Connector
		PTC	Air Brake Push-In Fitting
		6	3/8" (6/16) Tube Size
		4	1/4" (4/16) PIPE THREAD



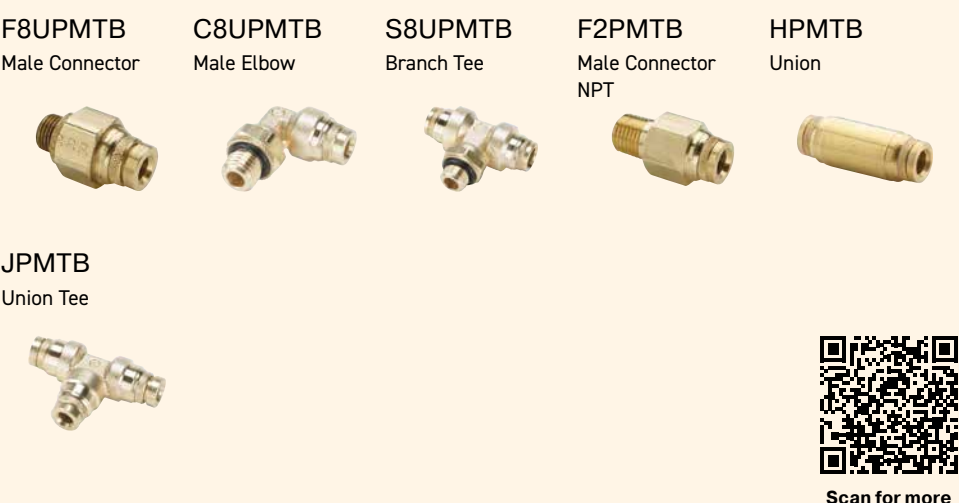
## PTCR COMPOSITE PUSH-IN AIR BRAKE FITTINGS

Specifications		Materials of Construction	
Pressure Range:	Up to 250 PSI	Fitting Bodies:	Composite
Temperature Range:	-50° to +230° F (-45.5° to +100° C)	Coil:	Brass
Temperature Range:	-40° to +200° F (-40° to +93.3° C)	Tube Support:	Stainless Steel
		O-Ring:	HNBR
		Threads:	Brass
Tubing Sizes		Nomenclature	
Tube Material:	SAE J844 Type A & B Nylon Tubing	Example: VS369PTCR-6-4	Attribute
Tube O.D.:	1/4, 3/8, 1/2, 5/8, 3/4	VS	Thread Sealant
		369	90° Male Elbow
		PTC	Composite Push-In Air Brake Fitting
		6	3/8" (6/16) Tube Size
		4	1/4" (4/16) PIPE THREAD



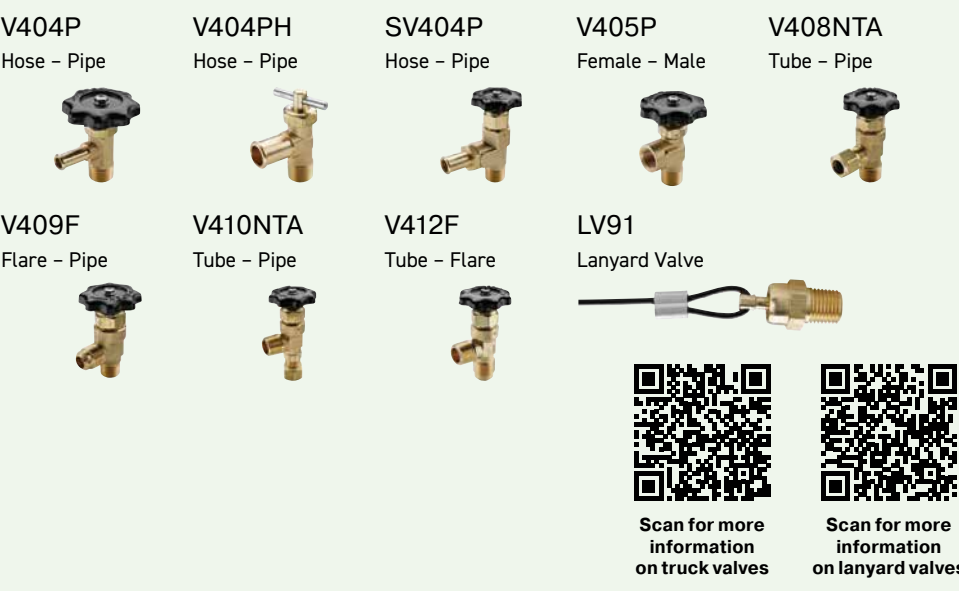
## METRIC PRESTOMATIC AIR BRAKE PUSH-IN FITTINGS

Specifications		Materials of Construction	
Pressure Range:	Up to 250 PSI	FITTING BODIES:	Brass
Temperature Range:	-40° to +200° F	COLLET:	Brass
		Tube Support:	Stainless Steel
		O-RING:	BRUNN N
Tubing Sizes		Nomenclature	
Tube Material:	Dr 73378 Virgin Nylon, SAE A & B Nylon Tubing (Type A & B Nylon Tubing)	Example: F8UPMTB	Attribute
Tube O.D. (mm):	6, 8, 10, 12, 16	F	Straight Male Connector
		8	Metric Parallel
		U	Universal Stud
		PMTB	Air Brake Push-In Fitting-Brass Body
		8	8mm Tube Size
		M22	22mm Port Thread



## TRUCK VALVES

Specifications		Truck Valve Nomenclature	
Specifications	Valves Up to 150 PSI Unless Otherwise Noted	Example: V405P-4-6	Attribute:
Temperature Range:	Truck Valves: -30° to +250° F Lanyard Valves: -40° to +200° F	V	Valve
		405	Female x Male
		P	Pipe
		6	3/8 Female Pipe
		6	3/8 Male Pipe
Materials of Construction		Lanyard Valve Nomenclature	
Body:	Brass	Example: LV91-4-060	Attribute:
Stem:	Brass	LV91	Lanyard Valve
O-Ring:	Nitrile	4	1/4" Pipe Thread
		060	Length of Cable in Inches



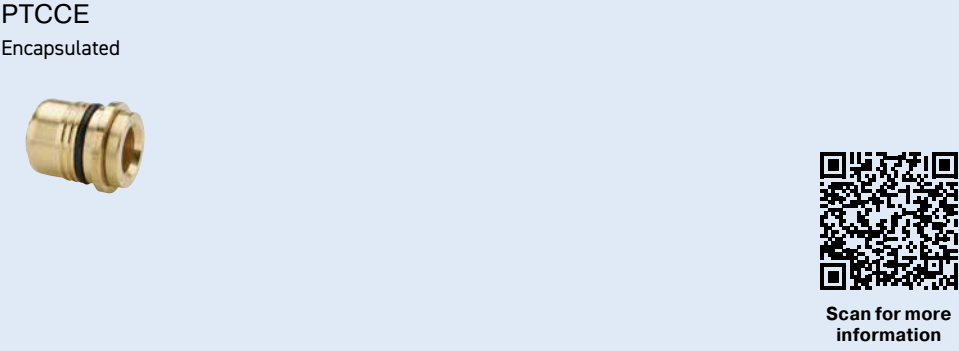
## VIBRA-LOK FITTINGS

Specifications		Nomenclature	
-15° to +450° F	With Fluorocarbon Sleeve Sleeve is marked with red stripe.	Example: 68VLV-4-2	Attribute:
-30° to +275° F	With BUNA N Sleeve Sleeve is marked with green stripe.	68	Male Connector
Operating Fluid:	Water, Air, Gasoline, Oil, Diesel Fuel, Lubricants	VL	Vibra-Lok
Note:	For other types of fluids or gasses, please consult factory	V	Fluorocarbon Sleeve
		4	1/4" (4/16) Tube O.d.
		2	1/8" (2/16) Pipe Thread
Tubing Sizes		Pressure chart	
Tube Material:	Copper, Aluminum, Steel (Bundy), Stainless Steel, Glass	Condition	Tube Not Belled Tube Belled or Flared
Tube O.D.:	1/8, 3/16, 1/4, 5/16, 3/8, 1/2, 5/8, 3/4	Static Pressure	500, 500, 1000, 1000, 450, 500, 900, 700, 200, 500, 400
		Minor Surges and/or Vibrations	400, 400, 800, 800, 225, 225, 700, 500, 150, 375, 300
		Severe Vibrations or Shock	3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 300, 300, 600, 600, 225, 175, 500, 400, 150, 250, 100
Materials of Construction		Nomenclature	
Fitting Bodies:	Brass	Example: 68VLV-4-2	Attribute:
Nuts:	Brass	68	Male Connector
Sleeves:	BUNA N, Fluorocarbon	VL	Vibra-Lok
		V	Fluorocarbon Sleeve
		4	1/4" (4/16) Tube O.d.
		2	1/8" (2/16) Pipe Thread



## PTC SAE ENCAPSULATED CARTRIDGES

Specifications		Materials of Construction	
Pressure Range:	Up to 250 PSI	Tube O.D.:	1/4, 3/8, 1/2
Temperature Range:	-40° to +200° F		
Tube Material:	SAE J844 Type A & B Nylon Tubing		
Materials of Construction		Nomenclature	
Cartridge:	Brass	Example: PTCCE-4	Attribute:
Tube Support:	Brass	PTCCE	Presta Sae Cartridge
O-Ring:	HNBR	4	1/4 Tube Size



## INDUSTRIAL VALVES

Specifications		Materials of Construction	
Pressure Range:	Up to 600 PSI	Body:	Brass
Pressure Range:	Up to 600 PSI	Ball:	Chrome Plated Brass
Pressure Range:	Up to 400 PSI	Seat:	PTFE
Pressure Range:	Up to 400 PSI	Handle:	Steel
Temperature Range:	0° to +350° F		
Temperature Range:	-40° to +350° F		
Vacuum Rating:	29" of HG		
Media:	Water, Oil, Gas		
Materials of Construction		Nomenclature	
Example: V500P	Attribute:	V	Valve
VP	Valve, Podlocking Handle	VP	Valve, Podlocking Handle
VV	Valve, Venturi (V500P Only)	VV	Valve, Venturi (V500P Only)
WP	Valve, Venturi, Podlocking Handle (V500P Only)	WP	Valve, Venturi, Podlocking Handle (V500P Only)
P	Brass	P	Brass

