

08 FITTINGS & HOSES



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HOSE CLAMPS



Fig. 1

Technical Information	
Material of strap	1.4016 stainless steel F1
Material of screw/body	Galvanized steel, passivated, sealed
Screw type	Phillips head
Strap widths	7.5 mm/9mm/12mm

Size	
Strap width	Screw size
7.5 mm	6 mm
9 mm	7 mm
12 mm	7 mm

Strap Width in mm	Clamping Range (dia.)	Art. No.	P. Qty.
7.5mm	10mm - 16mm	0539.1016	25
9mm	8mm - 16mm	0539.1816	
	12mm - 22mm	0539.11222	
	16mm - 27mm	0539.11627	
	20mm - 32mm	0539.12032	
	25mm - 40mm	0539.12540	
	30mm - 45mm	0539.13045	
	32mm - 50mm	0539.13250	
	40mm - 60mm	0539.14060	
	50mm - 70mm	0539.15070	
	60mm - 80mm	0539.16080	
	70mm - 90mm	0539.17090	
12mm	16mm - 27mm	0549.21627	
	20mm - 32mm	0549.22032	
	25mm - 40mm	0549.22540	
	35mm - 50mm	0549.23550	
	40mm - 60mm	0549.24060	
	50mm - 70mm	0549.25070	
	60mm - 80mm	0549.26080	
	70mm - 90mm	0549.27090	
	80mm - 100mm	0549.280100	
	100mm - 120mm	0549.200120	

With asymmetrical buckle

Application

- Fuel line systems
- Cooling water/Heating
- General retainer/fastener

Asymmetrical body (Fig. 1)

- Even distribution of force
- Clamp head does not tilt away during tightening

Smooth/indented strap interior, rounded edges

- Prevents injury and hose damage

RoHS Compliant

Does not contain Chrome-VI



Art. No. 539.1207

A/F 7 mm wrench

Contents (120 Pieces):

- 10 sizes from 8-16 mm to 70-90 mm
- 1 Zebra screwdriver with flexible shaft
- 1 wall mounting set

"Power" Fuel Hose Clip



Fig. 1

Higher tightening torque than conventional hose clamps; 3.5 Nm (2.5 lb-ft) recommended

- Cannot be over-turned by hand

Asymmetrical body (Fig. 1)

- Even distribution of force
- Clamp hand does not tilt away during tightening

Smooth/indented strap interior, rounded edges

- Prevents injury and hose damage

RoHS Compliant/ Does not contain Chrome-VI

Note: Use with Art. No. 613.28606

Sizes	
Clamping range in mm	Art. No.
8-12	539.28.12
10-16	539.210.16

Technical Information	
Material of strap	1.4301 stainless steel A2
Material of screw/body	1.4016 stainless steel F1, tinned
Screw type	Slotted
Strap widths	9 mm
Size	6 mm

Application:

Fuel line systems, Fuel pump, Fuel manifolds, Fuel filters, Fuel tank connections, Surge tanks/ Coolers

MH "Micro" Series Hose Clamps



Clamping Range (dia.)		Art. No.	P. Qty.
inches	mm		
1/4" - 5/8"	6mm - 16mm	535.4	10
1/4" - 11/16"	7mm - 17mm	535.5	
5/16" - 7/8"	8mm - 22mm	535.6	
3/8" - 1"	10mm - 25mm	535.81	

- Band width: 5/16"
- Screw Size: 1/4" A/F
- Stainless steel clamp, chrome steel screw

T-BOLT HOSE CLAMPS



For hoses with a high level of hardness or inserts made of metal or plastic

Advantages:

Extremely high tightening force

- Secure connection of hard hoses as well

Rounded edges/hose bridge

- Prevents injury and hose damage

Application:

- Lines carrying air
- Exhaust gas system
- Retainer/Fastener

Technical Data	
Design	W1
Material of strap	1.0934 alu./zinc
Material of screw	Steel, galvanized
Screw type	External hexagon
Size	Strap width 18 mm = 8 mm
	Strap width 20 mm = 10 mm
	Strap width 25 mm = 13 mm

Clamping range (mm)	Strap width (mm)	Art. No.
19-21	18	537.118.020
23-25		537.118.024
25-27		537.118.026
29-31		537.118.030
31-34		537.118.033
34-37		537.118.036
40-43	20	537.118.042
43-47		537.120.045
47-51		537.120.049
51-55		537.120.053
55-59		537.120.057

Clamping range (mm)	Strap width (mm)	Art. No.
59-63	20	537.120.061
63-68		537.120.066
68-73		537.125.071
73-79		537.125.076
79-85	25	537.125.082
85-91		537.125.088
91-97		537.125.094
97-104		537.125.101
104-112		537.125.108
112-121		537.125.117
121-130		537.125.126

T-BOLT HOSE CLAMPS 316SS



Heavy-Duty clamp, ideal for fastening compressed air hoses with high degrees of hardness or plastic/steel reinforcement.

- 18mm - 30mm Band Widths
- Exceptionally High Tensile Force
- Diameter Range 17mm - 304mm
- 316 Stainless Steel Band/W5
- Heavy-Duty T-Bolt with Hollow Trunnions
- (W5) Stainless Steel Rounded Band with Bridge

Band Width	Clamping Range (mm)	Clamping Range (inch)	Art. No.
18	17-19	11/16 - 3/4	537.0118.018
18	19-21	3/4 - 13/16	537.0118.020
18	21-23	13/16 - 15/16	537.0118.022
18	23-25	15/16 - 1	537.0118.024
18	25-27	1 - 1-1/16	537.0118.026
18	27-29	1-1/16 - 1-1/8	537.0118.028
18	29-31	1-1/8 - 1-1/4	537.0118.030
18	31-34	1-1/4 - 1-5/16	537.0118.033
18	34-37	1-5/16 - 1-7/16	537.0118.036
18	37-40	1-7/16 - 1-9/16	537.0118.038
18	40-43	1-9/16 - 1-11/16	537.0118.042
20	43-47	1-11/16 - 1-7/8	537.0120.045
20	51-55	2 - 2-3/16	537.0120.053
20	55-59	2-3/16 - 2-5/16	537.0120.057
20	59-63	2-5/16 - 2-1/2	537.0120.61
25	68-73	2-11/16 - 2-7/8	537.0125.071
25	73-79	2-7/8 - 3-1/8	537.0125.076
25	79-85	3-1/8 - 3-3/8	537.0125.082

HOSE CLAMPS



Spring Action Hose Clamps

- Heat treated spring steel
- Excellent corrosion resistance
- Provides a professional fit and finish

Colour	Hose O.D	Max Dia.	Band Width	Art. No.	P. Qty.
Black	3/8"	.321	5/16"	534.38	50
Green	7/16"	.405		534.716	
Red	1/2"	.460		534.12	
Black	9/16"	.520		534.916	
Olive	5/8"	.583		534.58	



EFI Hose Clamps

- For use with electronic fuel injection hose, ex: Art. No. 897.602/603/604.
- Plated carbon steel
- Screw drive: Hex with slot

Clamp Size	Clamping Range	Band Width	Art. No.	P. Qty.
04	0.433" - 0.551"	23/64"	535.HC21-4	10
05	0.472" - 0.590"	23/64"	535.HC21-5	
06	0.551" - 0.669"	23/64"	535.HC21-6	



Two Ear Clamps - Zinc Plated

- Available in steel
- Suited for maintenance and O.E.M. applications.
- Rubber Hose, Plastic Tubing, Co-Axial and Electrical Cable, Rope, etc. are all readily clamped
- The clamps are widely used on air, fluid, gas and steam lines.

Nominal Size	Closed	Open	Art. No.	P. Qty.
3/16"	.118"	.197"	884.HC9-3	25
1/4"	.197"	.276"	884.HC9-4	
5/16"	.276"	.354"	884.HC9-5	
3/8"	.315"	.433"	884.HC9-6	
1/2"	.433"	.512"	884.HC9-8	
9/16"	.512"	.591"	884.HC9-9	
19/32"	.519"	.669"	884.HC9-9-1/2	
5/8"	.591"	.708"	884.HC9-10	
3/4"	.669"	.787"	884.HC9-12	
7/8"	.787"	.905"	884.HC9-14	

Norma Hose Clamps

- With anti-pitch liner
- For securing rubber and plastic hoses, rubber sleeves on pipe ends and hose connections, etc.
- For high pressure applications
- Slotted Screw
- Zinc Plated



Diameter	Band Width	Art. No.	P. Qty.
9mm	9mm	540.9..9	25
12mm		540.12.9	
13mm		540.13.9	
14mm		540.14.9	
15mm		540.15.9	
16mm		540.16.9	
18mm		540.18.9	
24mm		540.24.9	

HOSE CLAMPS



- With Tang Liner
- 1/2" band width screw. Lined. 201/301 Stainless Steel
- 5/16 Hex Head. Plated Carbon Steel
- 201/301 Stainless Steel Housing
- Great for soft hoses

Adjustable Shield Hose Clamps

Clamping Range (dia.)		Art. No.	P. Qty.
in	mm		
		536.4	10
5/8" - 7/8"	16mm - 22mm	536.6	
5/8" - 1"	16mm - 25mm	536.8	
3/4" - 1 1/16"	19mm - 27mm	536.10	
7/8" - 1 1/4"	22mm - 32mm	536.12	
1" - 1 1/2"	26mm - 38mm	536.16	
1 1/8" - 1 3/4"	29mm - 44mm	536.20	
1 1/4" - 2"	32mm - 51mm	536.24	
1 5/16" - 2 1/4"	33mm - 57mm	536.28	
1 9/16" - 2 1/2"	40mm - 63mm	536.32	
1 13/16" - 2 3/4"	46mm - 70mm	536.36	
2 1/16" - 3"	52mm - 76mm	536.40	
2 5/16" - 3 1/4"	59mm - 82mm	536.44	
2 9/16" - 3 1/2"	65mm - 89mm	536.48	



Fuel Line Clips

Clamping Range	Dia.	Band width	Art. No.	P. Qty.
9.1mm - 10.8mm	11.3mm	7.4mm	541.113	25
11.1mm - 13.1mm	13.8mm	8.2mm	541.138	
11.8mm - 13.8mm	14.5mm		541.145	
12.8mm - 14.8mm	15.5mm		541.155	

- A2 Stainless Steel (clip & Insert) 1.4301
- Precise installation, even in the tightest spaces
- Chrome-VI free



Super Mini Hose Clamps

Clamping Range in mm	Band Width	Art. No.	P. Qty.
7mm - 11mm	5mm	541.7..11	25

- Strap is made of 1.4301 stainless steel A2
- Screw/body is galvanized steel, passivated, sealed
- Slotted screw type
- For minimally-stressed hoses in tight quarters

HOSE CLAMPS

Stainless Steel Hose Clamps



- 1/2" High Nickel Stainless Steel band and housing
- 5/16" High Nickel Stainless Steel hex head screw

Clamping Range (dia.)		Art. No.	P. Qty.
Min. - Max Dia. in	Min. - Max. Dia. mm		
1/4" - 5/8"	6mm - 16mm	535.S5.4	10
3/8" - 7/8"	10mm - 22mm	535.S5.6	
7/16" - 1"	11mm - 25mm	535.S5.8	
7/16" - 1"	11mm - 25mm	535.S5.8.BK	500
1/2" - 1 1/16"	13mm - 27mm	535.S5.10	
1/2" - 1 1/4"	13mm - 32mm	535.S5.12	
1 1/16" - 1 1/2"	18mm - 38mm	535.S5.16	10
3/4" - 1 3/4"	19mm - 44mm	535.S5.20	
1" - 2"	25mm - 51mm	535.S5.24	
1 1/4" - 2 1/4"	32mm - 57mm	535.S5.28	400
1 1/2" - 2 1/2"	38mm - 63mm	535.S5.32	
1 3/4" - 2 3/4"	44mm - 70mm	535.S5.36	
1 3/4" - 2 3/4"	44mm - 70mm	535.S5.36.BK	10
2" - 3"	51mm - 76mm	535.S5.40	
2 1/4" - 3 1/4"	57mm - 82mm	535.S5.44	
2 1/2" - 3 1/2"	64mm - 89mm	535.S5.48	
2 3/4" - 3 3/4"	70mm - 95mm	535.S5.52	

HS Series Hose Clamps



- Band width: 1/2" mm
- Screw Size: 5/16" A/F
- Stainless steel clamp, chrome steel screw

Clamping Range (dia.)		Art. No.	P. Qty.
Min. - Max Dia.	Min. - Max. Dia.		
7/16" - 1"	11mm - 25mm	535.8	10
1/2" - 1-1/16"	13mm - 27mm	535.10	
1/2" - 1-1/4"	13mm - 32mm	535.12	
1 1/16" - 1-1/2"	18mm - 38mm	535.16	
3/4" - 1-3/4"	19mm - 44mm	535.20	
1" - 2"	25mm - 51mm	535.24	
1-1/4" - 2-1/4"	32mm - 57mm	535.28	
1-1/2" - 2-1/2"	38mm - 63mm	535.32	
1-3/4" - 2-3/4"	44mm - 70mm	535.36	
2 - 3"	51mm - 76mm	535.40	
2-1/4" - 3-1/4"	57mm - 82mm	535.44	
2-1/2" - 3-1/2"	64mm - 88mm	535.48	
2-1/2" - 4-1/2"	64mm - 114mm	535.64	
2-1/2" - 3-1/2"	64mm - 114mm	535.48	
2-3/4" - 3-3/4"	70mm - 95mm	535.52	
3 - 4"	76mm - 101mm	535.56	
2-1/2" - 4-1/2"	64mm - 114mm	535.64	
3 - 5"	76mm - 127mm	535.72	
3-1/4" - 4-1/4"	83mm - 108mm	535.60	
4-1/2" - 6-1/2"	114mm - 165mm	535.96	

SPECIALTY CLAMPS & ACCESSORIES



Band: Stainless Steel
Bridge: Stainless Steel
T-Bolt: Carbon Steel
Finish (T-Bolt): Zinc Plated
Spring: High Carbon Steel
Band Thickness: 0.025"

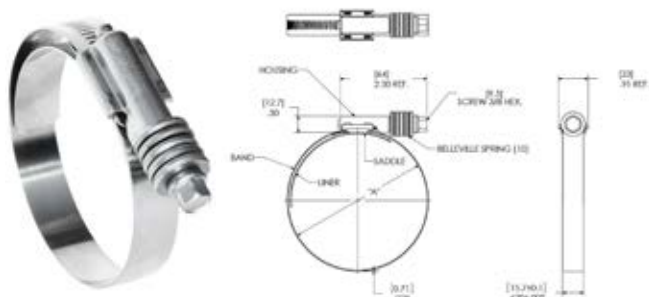
Clamping Range (dia.)		Art. No.
inches	mm	
2.06-2.31	52-59	884.HC19-225
2.19-2.50	58-64	884.HC19-238
2.31-2.62	59-67	884.HC19-250
2.38-2.69	60-68	884.HC19-263
2.44-2.75	62-70	884.HC19-270
2.56-2.87	65-73	884.HC19-275
2.69-3.00	68-76	884.HC19-288
2.81-3.12	71-79	884.HC19-300
2.94-3.25	75-83	884.HC19-312
3.06-3.37	78-86	884.HC19-325
3.31-3.62	84-92	884.HC19-350

Clamping Range (dia.)		Art. No.
inches	mm	
3.56-3.87	90-98	884.HC19-375
3.63-3.94	92-100	884.HC19-382
3.81-4.12	97-105	884.HC19-412
4.06-4.37	103-111	884.HC19-425
4.31-4.62	110-117	884.HC19-450
4.56-4.87	116-124	884.HC19-475
4.81-5.12	122-130	884.HC19-500
5.06-5.37	129-137	884.HC19-525
5.31-5.61	135-143	884.HC19-550
5.56-5.87	141-149	884.HC19-575
5.81-6.12	148-156	884.HC19-600

Application:

- Designed specifically for silicone hose connections in turbocharged diesel engine air intake and air charge air systems
- Solves hose "blow-off" failures resulting from cold flow or thermal expansions

CONSTANT TORQUE HOSE CLAMPS



"A" Diameter		Art. No.	P. Qty.
inches	mm		
1 1/16 - 1 1/4"	17 mm - 32 mm	549.0125	10
1 3/16 - 1 1/2"	21 mm - 38 mm	549.0150	
1 3/16 - 1 3/4"	21 mm - 44 mm	549.0175	
1 1/16 - 2"	27 mm - 51 mm	549.0195	
1 1/4" - 2 1/8"	32 mm - 54 mm	549.0200	
1 3/4" - 2 5/8"	45 mm - 67 mm	549.0250	
2 1/4" - 3 1/8"	57 mm - 79 mm	549.0300	
2 3/4" - 3 5/8"	70 mm - 92 mm	549.0350	
3 1/4" - 4 1/8"	83 mm - 105 mm	549.0400	
3 3/4" - 4 5/8"	95 mm - 118 mm	549.0450	
4 1/4" - 5 1/8"	108 mm - 130 mm	549.0500	

"Torque Check" provides visual proof of correct installation torque. This patented clamp is installed correctly as shown to the right when the screw tip "A" ("Torque Check") is extended beyond the housing, and the Belleville spring washer stacks are nearly collapsed flat. We recommend using a torque wrench.



These heavy duty clamps are recommended for use on turbo exhaust sleeves, heater hoses, coolant hoses, and intake systems.

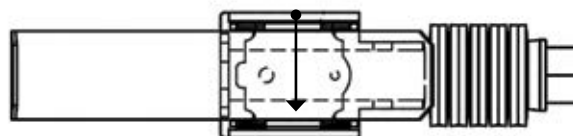
- Eliminates "cold flow hose leaks" & saves money in low coolant.
- Eliminates retightening clamps, saves money and mechanic labour.
- Stainless Steel; virtually unlimited product life - won't rust or corrode and is reusable.
- Extended Internal Liner; covers gear slots in band to protect all types of hoses from damage and helps maintain consistent sealing pressure.
- "Quadra-Lock" Housing; provides extra torque strength and stability for the ultimate in sealing pressure and vibration resistance.
- Fleet Standard; easily installed and easily replaced. No special tools needed.
- Reusable; eliminates the sometimes necessary replacement of expensive "single use" clamps during routine or emergency maintenance.
- Can be installed or replaced without removing the hose from connection; prevents massive and costly loss of engine coolant.
- Extended adjustment range; fewer parts needed for complete coverage.

Material

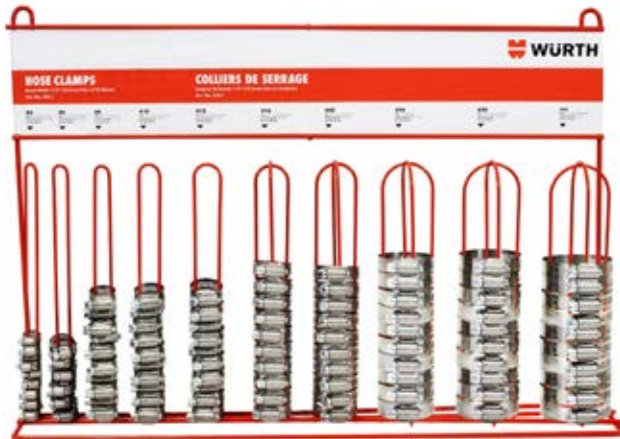
Belleville Springs - 301 Stainless Steel
 Band • Liner • Housing • Saddle - 300
 Stainless Steel
 Screw - Stainless Steel

Welded Liner Shown

Note: Liner is spot welded to band and saddle in one spot.



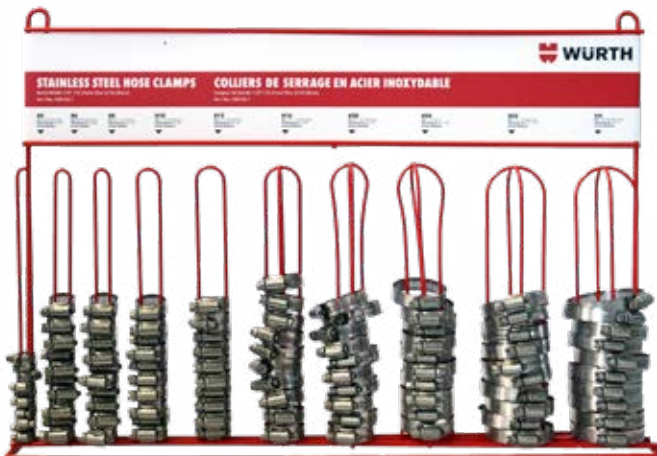
HOSE CLAMP ASSORTMENT



Art. No. 535.1

- Contains 100 Hose Clamps
- 10 of each: #4, #6, #8, #10, #12, #16, #20, #24, #28, #32
- Stands free or mounts on walls
- Will hold from 70 to approximately 175 Hose Clamps

STAINLESS STEEL HOSE CLAMP ASSORTMENT



Art. No. 535.SS.1

- Contains 100 hose clamps, 10 pieces of each of the following sizes: #36, #32, #24, #20, #16, #12, #10, #8, #6, #4

PIPE CLAMPS

Norma Pipe Clamp



- Steel, Zinc-Plated with vulcanized rubber insert
- Temperature range: -35 °C to +120 °C (-31 °F to +248 °F)
- Tensile strength: 100 kg/cm²
- Screw Hole Size: 1/4"
- Description in price list:
Pipe size (i.d.)/band width/hole size

Dia. in mm	Band Width	Hole Size	Art. No.	P. Qty.
6mm	12mm	M5	542.6..12	50
8mm			542.8..12	
8mm	15mm	M6	542.8..15	1000
10mm	12mm	M5	542.10.12	
10mm	15mm	M6	542.10.12.BK	50
10mm			542.10.15	
12mm			542.12.15	
15mm			542.15.12	
15mm			542.15.15	
15mm	20mm	M8	542.15.20	25
18mm	15mm	M6	542.18.15	
20mm	20mm	M8	542.20.20	
22mm	15mm	M6	542.22.15	
25mm			542.25.15	10
25mm	20mm	M8	542.25.20	
30mm	15mm	M6	542.30.15	25
35mm			542.35.15	
50mm	25mm	M10	542.50.25	10

PIPE CLAMPS



Pipe Clamp c/w Rubber Insert

- Steel, Zinc-Plated with vulcanized rubber insert
- Screw Hole Size: 3/8"



Stainless Steel Tube Clamp 304

- High-Density Steel
- Chemically Treated G90
- Type 304 Annealed Stainless Steel
- 1/4" Mounting Hole
- Neoprene Insert

Mount Hole	Band Size	Tube Size O.D.	Art. No.	P. Qty.
3/8"	1/2"	1/4"	545.14	20
		3/8"	545.38	
		1/2"	545.12	
		5/8"	545.58	20
		3/4"	545.34	
		1"	545.1	
		1-1/4"	545.114	10
		1 1/2"	545.112	
		2-1/2"	545.212	
		2"	545.2	
		3"	545.3	5
		4"	545.4	

Dia. in inches	Width	Art. No.	P. Qty.
1/4"	1/2"	546.14	20
3/8"		546.38	
1/2"		546.12	10
5/8"		546.58	20
3/4"		546.34	
1"		546.1	10
1-1/4"		546.114	
1-1/2"		546.112	

Stainless Steel Tube Clamp 316

- Retaining clip for pipes, cables, cable harnesses, cable-protection pipes, hoses and other lines.
- 316 Stainless Steel Band/W5
- Reinforced Band End
- EPDM Rubber Cushion

Screw Size	Band Width	Clamping Range (mm)	Clamping Range (inch)	Art. No.
M5	12	45	1-3/4	546.45.12
M6	15	10	3/8	546.11.15
M6	15	14	9/16	546.14.15
M6	15	22	7/8	546.22.15
M6	15	25	1	546.25.15
M6	15	39	1-9/16	546.39.15
M6	15	45	1-3/4	546.45.15
M6	15	49	1-7/8	546.49.15
M6	15	56	2-3/16	546.56.15
M6	15	65	2-9/16	546.65.15
M6	15	80	3-5/32	546.80.15
M6	15	95	3-3/4	546.95.15
M8	20	29	13/16	546.29.20
M8	20	39	1-9/16	546.39.20
M8	20	80	3-5/32	546.80.20

ASSORTMENTS



Art. No. 964.542

Vulcanized Rubber Insert Pipe Clamp Assortment

Contents (73 Pieces):

12 assorted sizes, size range M3-M30



Art. No. 965.HC9

Two Ear Hose Clamp Assortment

Contents (226 pieces):

9 sizes of two ear clamps, and one pair of 11" tower pincers.



Art. No. 965.545

Clamps with Vulcanized Rubber Assortment

Contents (110 pieces)

NPT/SAE GREASE FITTINGS



Art. No. 987.14.10

1/4\"-28, Straight - S.A.E.
Self Tapping, Overall Length:
9/16"



Art. No. 987.14.11

1/4\"-28, Straight - S.A.E.
Thread Length: 7/32", Overall
Length: 9/16"



Art. No. 987.14.12

1/4\"-28, Straight - S.A.E.
Overall Length: 15/16"



Art. No. 987.14.13

1/4\" - 28, 45° Angle - S.A.E.
Thread Length: 29/32",
Overall Length: 27/32"



Art. No. 987.14.14

1/4\" - 28, 45° Angle - S.A.E.
Long Grip Range, Taper Tread
Overall Length: 63/64"



Art. No. 987.14.15

1/4\" - 28, 90° Angle - S.A.E.
Thread Length: 45/64"
Overall Length: 3/4"



Art. No. 987.18.20

1/8\" NPT - Straight
Overall Length: 5/8"



Art. No. 987.18.21

1/8\" NPT - 30° Angle
Overall length: 15/16"



Art. No. 987.18.22

1/8\" NPT - 45° Angle
Overall Length: 1"



Art. No. 987.18.24

1/8\" NPT - 90° Angle
Overall Length: 53/64"



Art. No. 987.14.20

1/4\" NPT - Straight
Overall Length: 53/64"



Art. No. 987.14.21

1/4\" NPT, 67 1/2° Angle
67-1/2° Angle
Overall Length: 1 1/16"



Art. No. 987.516.24

5/16\"-24 - Straight
Overall length: 5/8"



Art. No. 987.18.10

1/8\" NPT - Straight
Overall length: 1 1/4"

GREASE NIPPLES

DIN 71412 A, B, C, Steel galvanized, blue passivated



DIN	Thread	Thread length (mm)	Total length (mm)	Size (mm)	Art. No.
71412 A	M6 x 1	4.0	14	7	986.40
	M8 x 1	5.4	16	9	986.41
	M8 x 1.25	5.4	16	9	986.135
	M10 x 1	5.4	16	11	986.42
	M10 x 1.5	5.4	16	11	986.136
	1/8"	5.4	16	11	986.43
	1/4"	6.5	19.5	14	986.44
	3/8"	6.5	19.5	17	986.45

Conical Nipples



DIN	Lug ø mm	Lug length (mm)	Total length (mm)	Art. No.
71412 A	6	5.4	14	986.46
	8	5.4	15	986.47

Conical Knock-In Nipples



DIN	Thread	Thread length (mm)	Total length (mm)	Size (mm)	Art. No.
71412 B	M6 x 1	5.5	20	9	986.50
	M8 x 1	5.5	20	9	986.51
	M10 x 1	5.0	20	11	986.52

45° Conical Nipples



DIN	Thread	Thread length (mm)	Total length (mm)	Size (mm)	Art. No.
71412 C	M6 x 1	5.5	18	9	986.60
	M8 x 1	5.5	18	9	986.61
	M10 x 1	6.0	18	11	986.62

90° Conical Nipples

ASSORTMENTS



Art. No. 965.986987

Grease Fitting Assortment
Contents (220 Pieces)
 Metric and standard fittings

LINE AND TEE CONNECTORS (NYLON) AND VACUUM CAPS



Straight Barbed Hose Connector

Art. No. 885.10 + size



Straight Barbed Hose Connector Reducer

Art. No. 885.30.1 - (1/4-3/16")
Art. No. 885.30.2 - (3/8-1/4")



Straight Hose Connector Reducer - 3/16 to 1/8. GM/FORD/CHRYSLER Products

Art. No. 885.316.18



Straight Hose Connector Reducer - 1/4 to 3/16. All GM Products

Art. No. 885.30.3



Tee Hose Connector - equal diameter all ends

Art. No. 885.20 + size



Tee Hose Connector 2 x 1/4" ends, 1 x 3/16" end. All GM Products

Art. No. 885.316.14



Universal Break-Off Tee For 1/8", 1/4" and 3/8" tubing

Art. No. 885.50.1



Universal Straight Connector For 1/8", 1/4" and 3/8" tubing

Art. No. 885.50.2

Vacuum Cap



Fits Tube O.D.	Inside Length	Art. No.	P. Qty.
1/8"	9/16"	801.818	20
3/16"	9/16"	801.836	
1/4"	9/16"	801.814	
5/16"	1-1/4"	801.856	
3/8"	31/32"	801.838	

Can be used for capping lines and hoses while testing carburetors, emission control systems, vacuum lines, etc.

ASSORTMENTS



Art. No. 965.885

Vacuum Cap & Tee Connector Assortment Contents (132 Pieces):

13 Assorted sizes

FUEL LINE & WINDSHIELD WASHER/VACUUM TUBING



Flexible Transparent Hose

- PVC with special interior coating
- Made of flexible type, transparent PVC
- Operating Pressure: 142.2 psi
- Bursting Pressure: 256 psi
- Temperature after installation: +65° C

Length (m)	Inside Dia. (mm)	Wall Thick. (mm)	Overall Thick. (mm)	Art. No.
1.5 m	4	1.0	6.0	895.4
	5	1.2	7.4	895.5
	6		8.4	895.6
	8	1.5	11.0	895.8



Fuel Line/Evaporative Hose S.A.E. 30R7

- Features a nitrile tube with a CSM cover to withstand oil, grease, abrasion and ozone
- Temperature ranges from -34 °C to 125 °C (-29 °F to 257 °F)
- Meets all O.E.M. specifications
- Handles most modern fuels in automobiles, trucks, buses, etc.
- Bursting Pressure: 250 psi

Diameter (inches)	Diameter (mm)	Art. No.
1/4	6.3	897.502
5/16	8	897.503
3/8	10	897.504



Textile Braided Repair Line

- For non-fuel carrying applications
- Hose of synthetic rubber (NBR) with vulcanized-on outer twine braiding.
- Material: NBR/braiding
- Operating Pressure: 175 psi
- Bursting Pressure: 720 psi
- Test Pressure: 360 psi
- -20 °C to +70 °C

Areas of Application:

Can be used as leak-oil line in motor vehicle applications.

Inside Dia. (mm)	Wall Thickness (mm)	Overall Thickness (mm)	Art. No.
3.2	1.9	7.0	895.132
3.5	2.0	7.5	895.135
5.0	2.5	10.0	895.150
5.5		10.5	895.155
7.0		12.0	895.170
7.5		12.2	895.175



Windshield Washer & Vacuum Tubing S.A.E. J1037

- Low pressure tubing for windshield washer, vacuum operated accessories, and emission control applications
- Will not deteriorate from heat, weathering or ozone
- Maintains its flexibility even at low temperatures
- Meets all O.E.M. specifications
- Bursting Pressure: 100 psi
- Temperature resistance: -40° C to +125° C -40° F to + 257° F

Diameter (inches)	Diameter (mm)	Art. No.
3/32	2.381	897.3338
7/64	2.8	897.3339
5/32	4	897.3340
7/32	6.6	897.3341
9/32	7	897.3342

FUEL INJECTION HOSE



Designed for the extremely high temperatures generated by today's fuel injected engines.

- Temperature range of -34 °C to +125 °C (-30 °F to +257 °F), (150 °C/302 °F intermittent) with a burst pressure rating of 900 psi
- This special hose handles leaded, unleaded, alcohol-added, diesel and extended gasolines, resisting sour gas oxidation

Temperature range	-34°C to 125°C (-30°F + 257°F)
Burst pressure rating	up to 900 psi
Application	Fuel line
Style	Fuel injection (S.A.E. 30R9)
Color	Black
Tube construction	Fluoroelastomer
Reinforcement construction	Two-spiral polyester
Cover construction	CSM

Size	Art. No.
1/4"x10'	897.602
5/16"x10'	897.603
3/8"x10'	897.604

FUEL HOSE RACK WITH PRODUCT



Domestic Fuel Hose Rack Empty
Art. No. 966.810110

Art. No. 895.010

Contents:

3 fuel hose rolls:

- 1/4" (6.3 mm), Art. No. 897.502
- 5/16" (7.9 mm), Art. No. 897.503
- 3/8" (9.5 mm), Art. No. 897.504

3 windshield wiper/washer vacuum tubing rolls:

- 5/32" (4mm), Art. No. 897.3340
- 7/32" (6 mm), Art. No. 897.3341
- 9/32" (7 mm), Art. No. 897.3342

Dimensions: 58 cm x 34 cm x 32 cm

SILICONE HEATER HOSE



- Resistant to cracking, peeling, ozone and aging
- Temperature resistant from -54 °C to +177 °C (-65 °F to +350 °F)
- S.A.E. J20 R3 Class A certified
- Single ply silicone polyester braid, reinforced tube with blue cover

Applications:

- Heavy duty truck and bus engines
- Buses
- Vehicles with diesel engines
- For use in high vibration, hot and cold air aspiration units
- Ideal for heavy duty pressure connections in hostile engine environments, extreme temperature and various pressure ranges where high performance levels are required

Size	Hose I.D.		Hose O.D.		Min. Burst Pressure		Art. No.	P. Qty.
	mm	in	mm	in	bar	PSI		
5/8"	16.00	0.63	23.60	0.93	17	250	897.8158	25'
3/4"	19.10	0.75	27.20	1.07	14	200	897.8134	
1"	22.40	0.88	31.50	1.24	14	200	897.8111	

STANDARD HEATER HOSE



Thermoid EPDM (Ethylene/Propylene Rubber Compound) hose is designed to withstand the super-high heat and ozone conditions found in today's emission controlled automobiles and trucks.

All meet or exceed S.A.E. 20R3 Specifications

Red Premium - S.A.E. 20R3 D2 Heater Hose

- For higher under hood temperatures up to 121 °C (250 °F)
- Withstands the abuse of additives, heat and ozone
- Designed for cosmetic reasons, to make the hose stand out under the hood

Characteristics:

Branding: White Ink, Thermoid, I.D. Spec. O.E.M. Heater Hose

Reinforcement: 2 spiral polyester yarn

Black Standard Grade O.E.M Heater Hose

- For under hood temperatures up to 100 °C (212 °F)
- Withstands the abuse of additives, heat and ozone

Characteristics:

Branding: Yellow Ink; Thermoid, I.D. Spec. O.E.M. Heater

Hose Reinforcement: 2 spiral polyester yarn

Inside Diameter (inches)	Working Pressure (psi)	Bursting Pressure (psi)	Length (feet)	Art. No.
1/2	50	250	50	897.7112
5/8				897.7158
3/4				897.7134

Inside Diameter (inches)	Working Pressure (psi)	Bursting Pressure (psi)	Length (feet)	Art. No.
5/8	50	140	50	895.1826
3/4				895.1827

BRASS J.I.C. 37° FLARE



Union Coupling		
Tube	Art. No.	
1/4	884.3742-4	
1/2	884.3742-8	



Connector Tube to Male Pipe		
Tube	Pipe	Art. No.
1/4	1/8	884.3748-4A
5/16	1/8	884.3748-5A
	1/4	884.3748-5B
3/8	1/4	884.3748-6B



45° Elbow Tube to Male Pipe		
Tube	Pipe	Art. No.
3/8	1/4	884.3754-6B
1/2	3/8	884.3754-8C

BRASS S.A.E 45° FLARE



Sealing Cap Nut		
Tube	Art. No.	
1/4	884.56-4	
3/8	884.56-6	
1/2	884.56-8	
5/8	884.56-10	



Milled Nut Short Type		
Tube	Length	Art. No.
3/8	7/8	884.415-6



Sealing Plug	
Tube	Art. No.
1/4	884.58-4
5/16	884.58-5
3/8	884.58-6
1/2	884.58-8
5/8	884.58-10



Union Coupling Tube to Tube	
Pipe	Art. No.
1/8	884.42-2
3/16	884.42-3
1/4	884.42-4
5/16	884.42-5
3/8	884.42-6
1/2	884.42-8
5/8	884.42-10
3/4	884.42-12



Connector Tube to Male Pipe		
Tube	Pipe	Art. No.
3/16	1/8	884.48-3A
1/4	1/8	884.48-4A
	1/4	884.48-4B
5/16	1/2	884.48-4D
	1/4	884.48-5B
3/8	1/8	884.48-6A
	1/4	884.48-6B
	3/8	884.48-6C
	1/2	884.48-6D
1/2	1/4	884.48-8B
	3/8	884.48-8C
	1/2	884.48-8D
5/8	3/8	884.48-10C
3/4	1/2	884.48-10D
	1/2	884.48-12D



90° Elbow Tube to Male Pipe		
Tube	Pipe	Art. No.
1/4	1/8	884.49-4A
	1/4	884.49-4B
	3/8	884.49-4C
5/16	1/8	884.49-5A
3/8	1/4	884.49-6B
	3/8	884.49-6C
	1/2	884.49-6D
1/2	1/4	884.49-8B
	3/8	884.49-8C
	1/2	884.49-8D
5/8	3/8	884.49-10C
3/4	1/2	884.49-10D
	1/2	884.49-12D
3/8	1/4	884.49E-6B*



45° Elbow Tube to Male Pipe		
Tube	Pipe	Art. No.
1/4	1/8	884.54-4A
	1/4	884.54-4B
3/8	1/4	884.54-6B
	3/8	884.54-6C
1/2	3/8	884.54-8C
	1/2	884.54-8D
5/8	1/2	884.54-10D

BRASS S.A.E. 45° INVERTED FLARE



Specialty Nuts Japanese Standard		
Tube	Thread	Art. No.
3/16	M10 x 1.0	884.SJ141-3



Steel nut long style	
Tube	Art. No.
3/16	884.SL141-3
1/4	884.SL141-4



Steel nut long style Japanese Standard		
Tube	Thread	Art. No.
3/16	M10 x 1.0	884.SLJ141-3



Fuel Line Nut GM		
Tube	Thread	Art. No.
5/16	14mm x 1.5	884.SFL514MM
3/8	16mm x 1.5	884.SFL616MM



Union Coupling-Tube to Tube European Standard		
Tube	Thread	Art. No.
3/16	10 x 1.0 (Bubble Flare)	884.142EU-3



Union Coupling-Tube to Tube Japanese Standard Union		
Tube	Thread	Art. No.
3/16	10 x 1.0	884.142JA-3



Adapter-Tube to Tube European Standard		
Tube	Thread	Art. No.
3/16	10 x 1.0 (Bubble Flare)	884.SE143-3



Sealing Plug	
Tube	Art. No.
3/16	884.PL141-3



Union Coupling Tube to Tube	
Tube	Art. No.
3/16	884.142-3
1/4	884.142-4
5/16	884.142-5
3/8	884.142-6



Brass Nut	
Tube	Art. No.
3/16	884.141-3
1/4	884.141-4
5/16	884.141-5
3/8	884.141-6

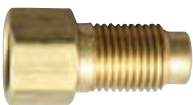


90° Elbow Tube to Male Pipe		
Tube	Pipe	Art. No.
1/4	1/4	884.149-4B
5/16	1/8	884.149-5A
3/8	3/8	884.149-6C
1/2	3/8	884.149-8C
	1/2	884.149-8D



Specialty Nuts European Standard		
Tube	Thread	Art. No.
3/16	M10 x 1.0	884.S141-3
	M11 x 1.5	884.SE141311M
	M12 x 1.0	884.SE141312M
	M13 x 1.5	884.SE141313M

* Plating may vary due to availability



Adapter tube to tube Japanese Standard		
Tube	Thread	Art. No.
3/16	10 x 1.0	884.SJ143-3



Connector Tube to Male Pipe		
Tube	Pipe	Art. No.
3/16	1/8	884.148-3A
1/4	1/8	884.148-4A
	1/4	884.148-4B
5/16	1/4	884.148-5B



45° Elbow Tube for Male Pipe		
Tube	Thread	Art. No.
3/8	1/4	884.154-6B



Steel Nut		
Tube	Thread	Art. No.
1/8	5/16-28	884.S141-2
3/16	3/8-24	884.S141-3
3/16	7/16-24	884.S141-3716
3/16	1/2-20	884.S141-31/2
3/16	9/16-18	884.S141-3916
1/4	7/16-24	884.S141-4
1/4	1/2-20	884.S141-41/2
1/4	9/16-18	884.S141-4916
5/16	1/2-20	884.S141-5
3/8	5/8-18	884.S141-6

BRASS COMPRESSION FITTINGS



Standard Sleeve		
Tube	Art. No.	
1/8	884.60-2	
3/16	884.60-3	
1/4	884.60-4	
3/8	884.60-6	
1/2	884.60-8	



Standard Nut		
Tube	Art. No.	
3/16	884.61-3	
1/4	884.61-4	
5/16	884.61-5	
3/8	884.61-6	



Union Coupling		
Tube	Art. No.	
1/8	884.62-2	
3/16	884.62-3	
1/4	884.62-4	
5/16	884.62-5	
3/8	884.62-6	
1/2	884.62-8	
5/8	884.62-10	



Tee Tube Three Ends		
Tube	Pipe	Art. No.
1/4	1/8	884.64-4
3/8	1/4	884.64-6



Connector Tube to Male Pipe		
Tube	Pipe	Art. No.
1/4	1/8	884.68-4A
	1/4	884.68-4B
5/16	1/8	884.68-5A
	1/4	884.68-6A
3/8	1/4	884.68-6B
	3/8	884.68-6C
	1/2	884.68-6D
1/2	3/8	884.68-8C



* Style may vary due to availability

90° Elbow Tube to Male Pipe		
Tube	Pipe	Art. No.
1/8	1/8	884.69-2A
	1/4	884.69-4A
1/4	1/4	884.69-4B
	1/2	884.69-6B
3/8	1/2	884.69-6D
1/2	3/8	884.69-8C

BRASS FITTINGS (FOR POLY TUBING)



Brass Insert		
Tube	Art. No.	
.125	884.481-4H	
.250	884.481-6	
.375	884.481-8	
.500	884.481-10	

BRASS AIR SHIFT TRANSMISSION FITTINGS



Sleeve		
Tube	Pipe	Art. No.
1/8	1/8	884.860-2
5/32	1/4	884.860-2-1/2



Nut		
Tube	Pipe	Art. No.
1/8	1/8	884.861-2
5/32	1/4	884.861-2-1/2



Union Coupling		
Tube	Pipe	Art. No.
5/32	1/4	884.862-2-1/2



Connector Tube to Male Pipe		
Tube	Pipe	Art. No.
1/8	1/16	884.868-2-1
1/8	1/8	884.868-2A
5/32	1/8	884.868-2-1/2



90° Elbow Tube to Male Pipe		
Tube	Pipe	Art. No.
1/8	1/8	884.869-2A
5/32	1/4	884.869-2-1/2

* Style may vary due to availability

BRASS PUSH-TO-CONNECT FITTINGS



Union Coupling	
Tube	Art. No.
1/8	884.PC62-2
1/4	884.PC62-4
3/8	884.PC62-6



Connector Tube to Male Pipe		
Tube	Pipe	Art. No.
1/8	1/8	884.PC68-2A
	1/4	884.PC68-4A
	3/8	884.PC68-6A
3/8	1/2	884.PC68-6D
	3/8	884.PC68-8C
	1/2	884.PC68-8D



90° Elbow Tube to Tube	
Tube	Art. No.
1/8	884.PC65-2
5/32	884.PC65-2-1
3/8	884.PC65-6



90° Elbow Tube to Male Pipe		
Tube	Pipe	Art. No.
1/8	1/8	884.PC69-2A
1/4	1/8	884.PC69-4A
	3/8	884.PC69-4C
3/8	1/4	884.PC69-6B
	3/8	884.PC69-6C



90° Elbow Tube to Male Pipe Swivel		
Tube	Pipe	Art. No.
5/32	1/8	884.PC69SW212
3/8	1/4	884.PC69SW-6B

BRASS PIPE FITTINGS



Close Nipple	
Pipe	Art. No.
1/8	884.112-A
1/4	884.112-B
3/8	884.112-C
1/2	884.112-D
3/4	884.112-E



Hex Nipple	
Pipe	Art. No.
1/8	884.122-A
1/4	884.122-B
3/8	884.122-C
1/2	884.122-D
3/4	884.122-E
Reducing	
1/4 to 1/8	884.122-BA
3/8 to 1/8	884.122-CA
3/8 to 1/4	884.122-CB
1/2 to 3/8	884.122-DC
3/4 to 1/2	884.122-ED



Bushing	
Pipe	Art. No.
1/4 to 1/8	884.110-BA
3/8 to 1/8	884.110-CA
3/8 to 1/4	884.110-CB
1/2 to 1/8	884.110-DA
1/2 to 1/4	884.110-DB
1/2 to 3/8	884.110-DC
3/4 to 1/4	884.110-EB
3/4 to 3/8	884.110-EC
3/4 to 1/2	884.110-ED
1 to 3/4	884.110-HE



Adapter	
Pipe	Art. No.
1/8 to 1/8	884.120-AA
1/4 to 1/4	884.120-BB
3/8 to 3/8	884.120-CC
1/2 to 1/2	884.120-DD
1/4 to 1/8	884.120-BA
3/8 to 1/8	884.120-CA
3/8 to 1/4	884.120-CB
1/2 to 1/4	884.120-DB
1/2 to 3/8	884.120-DC
3/4 to 3/8	884.120-EC
3/4 to 1/2	884.120-ED



Long Nipple		
Length	Pipe	Art. No.
1 1/2	1/8	884.113A1-1/2
2		884.113-A2
3		884.113-A3
1 1/2	1/4	884.113-B1-1
2		884.113-B2
3		884.113-B3
1 1/2	3/8	884.113-C1-1
2		884.113-C2
3		884.113-C3
2	1/2	884.113-D2
2 1/2		884.113-D2-1
3		884.113-D3



Reducing Coupling	
Pipe	Art. No.
1/4 to 1/8	884.119-BA
3/8 to 1/8	884.119-CA
3/8 to 1/4	884.119-CB
1/2 to 1/4	884.119-DB
1/2 to 3/8	884.119-DC



Coupling	
Pipe	Art. No.
1/8	884.103E-A
1/4	884.103E-B
3/8	884.103E-C
1/2	884.103E-D
3/4	884.103E-E



Plug Square Head	
Pipe	Art. No.
1/8	884.109-A
1/4	884.109-B
3/8	884.109-C
1/2	884.109-D
3/4	884.109-E



Plug Slotted	
Pipe	Art. No.
1/8	884.117-A



Plug Hex Head	
Pipe	Art. No.
cored 1/8	884.121-A
cored 1/4	884.121-B
cored 3/8	884.121-C
cored 1/2	884.121-D
cored 3/4	884.121-E

BRASS PIPE FITTINGS



Extruded 90° Street Elbow	
Pipe	Art. No.
1/8	884.X115-A
1/4	884.X115-B
3/8	884.X115-C
1/2	884.X115-D
3/4	884.X115-E



Extruded 90° Elbow	
Pipe	Art. No.
1/8	884.X100-A
1/4	884.X100-B
3/8	884.X100-C
1/2	884.X100-D



Extruded 45° street Elbow	
Pipe	Art. No.
1/8	884.X124-A
1/4	884.X124-B
3/8	884.X124-C
1/2	884.X124-D
3/4	884.X124-E



Extruded Tee	
Pipe	Art. No.
1/8	884.X101-A
1/4	884.X101-B
3/8	884.X101-C
1/2	884.X101-D



Plug Hex Countersunk	
Pipe	Art. No.
1/8	884.118-A
1/4	884.118-B
3/8	884.118-C
1/2	884.118-D
3/4	884.118-E



Extruded Male Branch Tee	
Pipe	Art. No.
1/8	884.X106-A
1/4	884.X106-B



Forged Street Tee	
Pipe	Art. No.
1/8	884.107-A
1/4	884.107-B



Extruded Street Tee	
Pipe	Art. No.
1/8	884.X107-A
1/4	884.X107-B
3/8	884.X107-C
1/2	884.X107-D



Cap	
Pipe	Art. No.
1/8	884.108-A
1/4	884.108-B
3/8	884.108-C
1/2	884.108-D
3/4	884.108-E

* Square countersunk

BRASS D.O.T. AIR BRAKE FITTINGS FOR S.A.E. J844D NYLON TUBING COMPLETE WITH FIXED INSERTS 1/2



Brass Insert	
Tube	Art. No.
.078	884.1481-2
.170	884.1481-4
.232	884.1481-5
.250	884.1481-6
.375	884.1481-8
.440	884.1481-10
.566	884.1481-12



Sleeve	
Tube	Art. No.
1/4	884.1460-4
3/8	884.1460-6
1/2	884.1460-8
5/8	884.1460-10
3/4	884.1460-12



Nut	
Tube	Art. No.
1/4	884.1461-4
3/8	884.1461-6
1/2	884.1461-8
5/8	884.1461-10
3/4	884.1461-12



Bulkhead Union	
Tube	Art. No.
1/4	884.1477-4
3/8	884.1477-6



Connector Tube to Female Pipe		
Tube	Pipe	Art. No.
1/4	1/8	884.1466-4A
	1/4	884.1466-4B
3/8	1/4	884.1466-6B
	3/8	884.1466-6C
1/2		884.1466-8C
3/4	1/2	884.1466-12D

* Style may vary due to availability



Connector Tube to male Pipe		
Tube	Pipe	Art. No.
1/4	1/8	884.1468-4A
	1/4	884.1468-4B
	3/8	884.1468-4C
3/8	1/8	884.1468-6A
	1/4	884.1468-6B
	3/8	884.1468-6C
1/2	1/2	884.1468-6D
	1/4	884.1468-8B
	3/8	884.1468-8C
5/8	1/2	884.1468-8D
	3/4	884.1468-8E
	3/8	884.1468-10C
3/4	1/2	884.1468-10D
	1/2	884.1468-12D
	3/4	884.1468-12E



90° Elbow Tube to Tube	
Tube	Art. No.
1/4	884.1465-4
3/8	884.1465-6
1/2	884.1465-8
5/8	884.1465-10

* Style may vary due to availability



90° Elbow Tube to Male Pipe		
Tube	Pipe	Art. No.
1/4	1/8	884.1469-4A
	1/4	884.1469-4B
	3/8	884.1469-4C
3/8	1/8	884.1469-6A
	1/4	884.1469-6B
	3/8	884.1469-6C
1/2	1/2	884.1469-6D
	1/4	884.1469-8B
	3/8	884.1469-8C
5/8	1/2	884.1469-8D
	3/8	884.1469-10C
3/4	1/2	884.1469-10D
	3/4	884.1469-12E



Tee Ends Tube and Male Pipe Centre Tube		
Tube	Pipe	Art. No.
1/4	1/8	884.1471-4A
	1/4	884.1471-4B
3/8	1/4	884.1471-6B
	3/8	884.1471-6C
1/2	1/2	884.1471-8C
	1/2	884.1471-8D



Tee Ends Tube Centre Male Pipe		
Tube	Pipe	Art. No.
1/4	1/8	884.1472-4A
	1/4	884.1472-4B
3/8	1/8	884.1472-6A
	1/4	884.1472-6B
1/2	3/8	884.1472-6C
	1/2	884.1472-8C
	1/2	884.1472-8D

* Style may vary due to availability



45° Elbow Tube to Male Pipe		
Tube	Pipe	Art. No.
1/4	1/8	884.1474-4A
	1/4	884.1474-4B
3/8	1/4	884.1474-6B
	3/8	884.1474-6C
1/2	3/8	884.1474-8C
	1/2	884.1474-8D
5/8		884.1474-10D

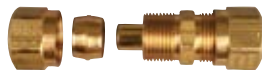


Tee Tube Three Ends	
Tube	Art. No.
1/4	884.1464-4
3/8	884.1464-6
1/2	884.1464-8
5/8	884.1464-10
3/4	884.1464-12

BRASS PUSH-TO-CONNECT D.O.T. AIR BRAKE FITTINGS FOR S.A.E. J844D NYLON TUBING



Union Coupling		
Tube		Art. No.
5/32		884.PC1462-5/
1/4		884.PC1462-4
3/8		884.PC1462-6
1/2		884.PC1462-8
5/8		884.PC1462-10



Union Coupling		
Tube		Art. No.
1/4		884.1462-4
3/8		884.1462-6
1/2		884.1462-8
5/8		884.1462-10
3/4		884.1462-12



45° Elbow Tube to Male Pipe		
Tube	Pipe	Art. No.
1/4	1/4	884.PC1474-4B
		884.PC1474-6B
3/8	3/8	884.PC1474-6C
1/2		884.PC1474-8C



90° Elbow Tube to Female Pipe		
Tube	Pipe	Art. No.
1/4	1/8	884.PC1470-4A
3/8	3/8	884.PC1470-6C

* Style may vary due to availability



90° Elbow Tube to Male Pipe		
Tube	Pipe	Art. No.
5/32	1/8	884.PC1469-5/
1/4	1/8	884.PC1469-4A
1/4	1/4	884.PC1469-4B
1/4	3/8	884.PC1469-4C
3/8	1/8	884.PC1469-6A
3/8	1/4	884.PC1469-6B
3/8	3/8	884.PC1469-6C
1/2	3/8	884.PC1469-8C
1/2	1/2	884.PC1469-8D
5/8	1/2	884.PC1469-10D

* Style may vary due to availability



Tee Ends Tube Centre Male Pipe		
Tube	Pipe	Art. No.
1/4	1/8	884.PC1472-4A
1/4	1/4	884.PC1472-4B
3/8	1/4	884.PC1472-6B
3/8	3/8	884.PC1472-6C
1/2	3/8	884.PC1472-8C



Connector Tube to Male Pipe		
Tube	Pipe	Art. No.
5/32	1/8	884.PC1468-5/
		884.PC1468-4A
1/4	1/4	884.PC1468-4B
	3/8	884.PC1468-4C
	1/8	884.PC1468-6A
3/8	1/4	884.PC1468-6B
	3/8	884.PC1468-6C
	1/2	884.PC1468-6D
	1/4	884.PC1468-8B
1/2	3/8	884.PC1468-8C
	1/2	884.PC1468-8D
5/8	3/8	884.PC1468-10
3/4	1/2	884.PC1468-12



Union Tee Tube Each End		
Tube		Art. No.
1/4		884.PC1464-4
3/8		884.PC1464-6
1/2		884.PC1464-8



Tee Ends Tube and Male Pipe Centre Tube		
Tube	Pipe	Art. No.
3/8	1/4	884.PC1471-6B
1/2	3/8	884.PC1471-8C



90° Elbow Tube to Male Pipe Swivel		
Tube	Pipe	Art. No.
1/4	1/8	884.PC1469SW4
1/4	1/4	884.1469SW4B



Tee Ends Tube Centre Male Pipe Swivel		
Tube	Pipe	Art. No.
1/4	1/4	884.PC1472SW4



Run Tee Swivel		
Tube	Pipe	Art. No.
3/8	1/4	884.PC1471-6B



Tee Ends Tube Centre Female Pipe		
Tube	Pipe	Art. No.
1/4	1/8	884.PC1478-4A
		884.PC1478-4B
3/8	1/4	884.PC1478-6B



Branch Tee Swivel		
Tube	Pipe	Art. No.
1/4	1/8	884.PC1471S4A



Branch Tee Swivel		
Tube	Pipe	Art. No.
1/4	1/8	884.PC1472S4A



Run Tee Swivel		
Tube	Pipe	Art. No.
3/8	3/8	884.PC1471S6C

BRASS D.O.T. AIR BRAKE COUPLINGS AND TERMINAL BOLTS



* Style may vary due to availability



* Style may vary due to availability



* Style may vary due to availability



* Style may vary due to availability

Sleeve	
Hose I.D	Art. No.
3/8	884.1490-6
1/2	884.1490-8

Nut	
Hose I.D	Art. No.
3/8	884.1491-6
1/2	884.1491-8

Coupler Assembly (nut, sleeve and coupler)		
Hose I.D	Pipe	Art. No.
3/8	1/4	884.1492-6B
	3/8	884.1492-6C
	1/2	884.1492-6D
1/2	3/8	884.1492-8C
	1/2	884.1492-8D

Swivel Coupler Assembly (Nut, Sleeve and Coupler)		
Hose I.D	Pipe	Art. No.
3/8	3/8	884.1492SW-6C
1/2		884.1492SW-8C

Hose Splicer	
Hose I.D	Art. No.
3/8	884.1492-6S
1/2	884.1492-8S



Coupler Assembly with Spring Guard		
Hose I.D	Pipe	Art. No.
3/8	1/4	884.1493-6B
	3/8	884.1493-6C
	1/2	884.1493-6D
1/2	3/8	884.1493-8C
	1/2	884.1493-8D

Nut with Spring Hose Guard	
Hose I.D	Art. No.
3/8	884.1494-6

Terminal Bolt (brass)		
Female Pipe	Length (in)	Art. No.
1/2 x 1/2	1 1/4	884.1495B-D

Coupler		
Hose I.D	Pipe	Art. No.
3/8	3/8	884.B1492-6C
	1/2	884.B1492-6D
1/2	3/8	884.B1492-8C

Hose connector for hab assemblies		
Hose I.D	Pipe	Art. No.
3/8	3/8	884.4134-6C

BRASS HOSE BARB FITTINGS



Coupler Hose Barb to Male Pipe		
Hose I.D	Pipe	Art. No.
1/8	1/8	884.125-2A
	1/8	884.125-4A
1/4	1/4	884.125-4B
	3/8	884.125-4C
	1/2	884.125-4D
5/16	1/8	884.125-5A
	1/4	884.125-5B
3/8	1/4	884.125-6B
	3/8	884.125-6C
	1/2	884.125-6D
1/2	1/4	884.125-8B
	3/8	884.125-8C
		884.125-8D
5/8	1/2	884.125-10D
3/4		884.125-12D
	3/4	884.125-12E

Splicer Round Shoulder	
Hose I.D	Art. No.
1/4	884.129R-4
3/8	884.129R-6
1/2	884.129R-8

Splicer Hose Barb	
Hose I.D	Art. No.
5/16	884.129-5
5/8	884.129-10
3/4	884.129-12

Tee Hose Barb All Ends	
Hose I.D	Art. No.
1/4	884.123-4
5/16	884.123-5
3/8	884.123-6

BRASS FUEL LINE HOSE BARBS



Coupler Hose Barb to Male Pipe		
Hose I.D	Pipe	Art. No.
1/4	1/4	884.325-4B
3/4	1/2	884.325-12D

REUSABLE END FITTINGS



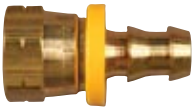
• For PTFE Hose

Female Swivel 45° S.A.E. Flare		
Hose I.D	Pipe	Art. No.
5/8	5/8	884.SR428-101

BRASS GRIP-TITE REUSABLE HOSE FITTINGS



Male Pipe		
Hose I.D	Pipe	Art. No.
1/4	1/8	884.725-4A
3/8	1/4	884.725-6B
	3/8	884.725-6C



45° S.A.E. Female Flare Swivel		
Tube	Hose I.D	Art. No.
3/8	1/4	884.728-66



Hose Splicer	
Hose I.D	Art. No.
1/4	884.729-4
3/8	884.729-6
1/2	884.729-8
5/8	884.729-10
3/4	884.729-12

BLACK IRON PIPE FITTINGS



Close Nipple	
Pipe Size	Art. No.
1/8	885.BI-112-A
1/4	885.BI-112-B
3/8	885.BI-112-C
1/2	885.BI-112-D
3/4	885.BI-112-E
1	885.BI-112-H



Coupling	
Pipe Size	Art. No.
1/8	885.BI-103-A
1/4	885.BI-103-B
3/8	885.BI-103-C
1/2	885.BI-103-D
3/4	885.BI-103-E
1	885.BI-103-H



Union	
Pipe Size	Art. No.
1/8	885.BI-104-A
1/4	885.BI-104-B
3/8	885.BI-104-C
1/2	885.BI-104-D
3/4	885.BI-104-E
1	885.BI-104-H



Steel merchant coupling	
Pipe Size	Art. No.
1/8	885.BI-103MCA
1/4	885.BI-103MCB
3/8	885.BI-103MCC
1/2	885.BI-103MCD
3/4	885.BI-103MCE
1	885.BI-103MCH



45° Elbow	
Pipe Size	Art. No.
1/8	885.BI-105-A
1/4	885.BI-105-B
3/8	885.BI-105-C
1/2	885.BI-105-D
3/4	885.BI-105-E
1	885.BI-105-H



45° STREET Elbow	
Pipe Size	Art. No.
1/8	885.BI-124-A
1/4	885.BI-124-B
3/8	885.BI-124-C
1/2	885.BI-124-D
1	885.BI-124-H
1 1/4	885.BI-124-HG



Tee	
Pipe Size	Art. No.
1/8	885.BI-101-A
1/4	885.BI-101-B
3/8	885.BI-101-C
1/2	885.BI-101-D
3/4	885.BI-101-E
1	885.BI-101-H
1 1/4	885.BI-101-HH



Reducing Tee				Art.No.
Pipe Size				
1	2	3		
3/4	3/4	1/2		885.BI-101-ED
1	1	1/2		885.BI-101-HD
1	1	3/4		885.BI-101-HE
1	3/4	3/4		885.BI-101-HEE
1	3/4	1		885.BI-101-HEH
1	1/2	1/2		885.BI-101-HDD
1½	1½	1½		885.BI-101-HH



Plug (Square Head)	
Pipe Size	Art. No.
1/8	885.BI-109-A
1/4	885.BI-109-B
3/8	885.BI-109-C
1/2	885.BI-109-D
3/4	885.BI-109-E
1	885.BI-109-H
1 1/4	885.BI-109-HG
1 1/2	885.BI-109-HH



Cap	
Pipe Size	Art. No.
1/8	885.BI-108-A
1/4	885.BI-108-B
3/8	885.BI-108-C
1/2	885.BI-108-D
3/4	885.BI-108-E
1	885.BI-108-H
1 1/4	885.BI-108-HG
1 1/2	885.BI-108-HH



90° Elbow	
Pipe Size	Art. No.
1/8	885.BI-100-A
1/4	885.BI-100-B
3/8	885.BI-100-C
1/2	885.BI-100-D
3/4	885.BI-100-E
1	885.BI-100-H
1 1/4	885.BI-100-HG
1 1/2	885.BI-100-HH



Reducing 90° Elbow	
Pipe Size	Art. No.
1/4 to 1/8	885.BI-100-BA
3/8 to 1/4	885.BI-100-CB
1/2 to 1/4	885.BI-100-DB
1/2 to 3/8	885.BI-100-DC
3/4 to 3/8	885.BI-100-EC
3/4 to 1/2	885.BI-100-ED
1 to 1/2	885.BI-100-HD
1 to 3/4	885.BI-100-HE

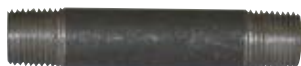


90° Street Elbow	
Pipe Size	Art. No.
1/8	885.BI-116-A
1/4	885.BI-116-B
3/8	885.BI-116-C
1/2	885.BI-116-D
3/4	885.BI-116-E
1	885.BI-116-H
1 1/4	885.BI-116-HG
1 1/2	885.BI-116-HH



Cross	
Pipe Size	Art. No.
1	885.BI-102-H

BLACK IRON PIPE FITTINGS



Long Nipple		
Length	Pipe	Art. No.
2	1/8	885.BI-113-A2
3		885.BI-113-A3
2	1/4	885.BI-113-B2
3		885.BI-113-B3
2	3/8	885.BI-113-C2
3		885.BI-113-C3
2	1/2	885.BI-113-D2
3		885.BI-113-D3
1-1/2	3/4	885.BI-113-E11
2		885.BI-113-E2
3		885.BI-113-E3
4		885.BI-113-E4
2	1	885.BI-113-H2
2-1/2		885.BI-113-H21
3		885.BI-113-H3
3-1/2		885.BI-113-H31
4		885.BI-113-H4
4-1/2		885.BI-113-H41
5		885.BI-113-H5
6		885.BI-113-H6

Bushing	
Pipe Size	Art. No.
1/4 to 1/8	885.BI-110-BA
3/8 to 1/8	885.BI-110-CA
3/8 to 1/4	885.BI-110-CB
1/2 to 1/8	885.BI-110-DA
1/2 to 1/4	885.BI-110-DB
1/2 to 3/8	885.BI-110-DC
3/4 to 1/4	885.BI-110-EB
3/4 to 3/8	885.BI-110-EC
3/4 to 1/2	885.BI-110-ED
1 to 1/4	885.BI-110-HB
1 to 3/8	885.BI-110-HC
1 to 1/2	885.BI-110-HD
1 to 3/4	885.BI-110-HE
1 1/2 to 1/2	885.BI-110-HHD
1 1/2 to 3/4	885.BI-110-HHE
1 1/2 to 1	885.BI-110-HHF
1 1/2 to 1 1/4	885.BI-110-HHG

Reducing Coupling	
Pipe Size	Art. No.
1/4 to 1/8	885.BI-119-BA
3/8 to 1/8	885.BI-119-CA
3/8 to 1/4	885.BI-119-CB
1/2 to 1/4	885.BI-119-DB
1/2 to 3/8	885.BI-119-DC
3/4 to 1/8	885.BI-119-EA
3/4 to 1/4	885.BI-119-EB
3/4 to 3/8	885.BI-119-EC
3/4 to 1/2	885.BI-119-ED
1 to 1/4	885.BI-119-HB
1 to 3/8	885.BI-119-HC
1 to 1/2	885.BI-119-HD
1 to 3/4	885.BI-119-HE

STEEL 37° S.A.E. FLARE ADAPTERS



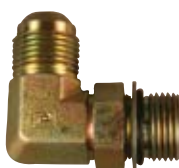
Cap Nut	
Tube	Art. No.
3/16	884.S3756-3
1/4	884.S3756-4
5/16	884.S3756-5
3/8	884.S3756-6
1/2	884.S3756-8
5/8	884.S3756-10
3/4	884.S3756-12
1	884.S3756-16

Tube Plug	
Tube	Art. No.
1/4	884.S3758-4
5/16	884.S3758-5
3/8	884.S3758-6
1/2	884.S3758-8
5/8	884.S3758-10
3/4	884.S3758-12
1	884.S3758-16
1-1/4	884.S3758-20

Union Tube to Tube		
Tube	Tube	Art. No.
3/8	3/8	884.S3742-6

90° Elbow Tube to Male Pipe		
Tube	Pipe	Art. No.
1/2	1/2	884.S3749-8D

STEEL S.A.E. O-RING BOSS ADAPTERS BUNA-N O-RING STANDARD



90° Elbow Tube to Male O-Ring		
Tube	O-Ring	Art. No.
1/2	3/4-16	884.S3649-8
5/8	7/8-14	884.S3649-10

45° Elbow Tube to Male O-Ring		
Tube	O-Ring	Art. No.
1/2	3/4-16	884.S3654-8

STEEL O-RING FACE SEAL ADAPTERS BUNA-N O-RING STANDARD



Plug O-Ring Face Seal	
ORFS	Art. No.
11/16-16	884.S3958-6

STEEL S.A.E. PIPE ADAPTERS



* Plating may vary due to availability

Coupling Female Both Ends		
Pipe	Pipe	Art. No.
1/8	1/8	884.S1003-A
1/4	1/4	884.S1003-B
3/8	3/8	884.S1003-C
3/8	1/4	884.S1003-CB
1/2	1/2	884.S1003-D
3/4	1/2	884.S1003-ED



* Plating may vary due to availability

Bushing Male to Female	
Pipe	Art. No.
1/4 x 1/8	884.S1010-BA
3/8 x 1/8	884.S1010-CA
3/8 x 1/4	884.S1010-CB
1/2 x 1/4	884.S1010-DB
1/2 x 3/8	884.S1010-DC
3/4 x 1/2	884.S1010-ED



Plug Hex head	
Pipe	Art. No.
1/8	884.S1021-A
1/4	884.S1021-B
3/8	884.S1021-C



Hex Nipple Male Both Ends	
Pipe	Art. No.
1/8	884.S1022-A
1/4	884.S1022-B
3/8	884.S1022-C
1/2	884.S1022-D
3/4	884.S1022-E

STEEL TERMINAL BOLTS



Terminal Bolt		
Length	Female Pipe	Art. No.
1-3/8	3/8 x 3/8	884.1495-C
1-1/2	1/4 x 1/4	884.1495-L
31/32		884.1495-S



Terminal Bolt		
Length	Pipe	Art. No.
2	1/2M x 3/8F	884.1496-DC



Terminal Bolt		
Length	Pipe	Art. No.
2-3/4	1/2M x 1/4F	884.1497-DB

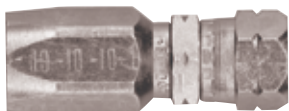


Swivel Connector		
Swivel	Pipe	Art. No.
3/8	3/8	884.S1120-CC
1/2	1/2	884.S1120-DD



Grease Whip Coupler	
Pipe	Art. No.
1/8	884.GWC-A

STEEL REUSABLE HOSE ENDS



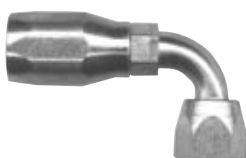
37° S.A.E. Female Flare (Swivel) (two piece style)		
Nominal Hose I.D.	Tube	Art. No.
1/4	1/4	884.SR538-44
5/16	5/16	884.SR538-55
3/8	3/8	884.SR538-66
1/2	1/2	884.SR538-88
5/8	5/8	884.SR538-101



45° S.A.E. Female Flare (Swivel)			
Nominal Hose I.D.	Actual Hose I.D.	Tube	Art. No.
1/4	3/16	1/4	884.SR528-44
3/8	5/16	3/8	884.SR528-66
1/2	13/32	1/2	884.SR528-88
5/8	1/2	5/8	884.SR528-101
3/4	5/8	3/4	884.SR528-121



90° Elbow 37° S.A.E. Female Flare (Swivel)		
Tube	Hose I.D.	Art. No.
3/8	3/8	884.SR539-66
1/2	1/2	884.SR539-88
5/8	5/8	884.SR539-101



90° Elbow 45° S.A.E. Female Flare (Swivel)		
Nominal Hose I.D.	Tube	Art. No.
1/4	1/4	884.SR541-44
3/8	3/8	884.SR541-66
1/2	1/2	884.SR541-88



45° Elbow 37° J.I.C. Female (Swivel)		
Tube	Hose I.D.	Art. No.
5/8	5/8	884.SR540-101

ASSORTMENTS



Art. No. 965.884440

Brass Push-To-Connect Air Brake Assortment Contents (47 Pieces)

Assorted brass push connect fittings (DOT)

PREMIUM TRUCKING BRASS ASSORTMENT



Art. No. 965.8843 - Brass Pieces Only.

Art. No. 965.88431 - Bin Label set, must be ordered separately

Contents: 712 pieces

Note: Requires any two 40 compartment ORSY bins. Must be ordered separately. Recommended Art. No. 966.3 x 2. ORSY agreement for bins must be obtained from customer!

Description	Art. No.	P. Qty.
103-A Pipe Coupling 1/8P	884.103E-A	10
103-B Pipe Coupling 1/4P	884.103E-B	10
103-C Pipe Coupling 3/8P	884.103E-C	5
103-D Pipe Coupling 1/2P	884.103E-D	5
110-BA Pipe Bushing 1/4Mp X 1/8Fp	884.110-BA	25
110-CA Pipe Bushing 3/8Mp X 1/8Fp	884.110-CA	10
110-CB Pipe Bushing 3/8Mp X 1/4Fp	884.110-CB	10
110-DB Pipe Bushing 1/2Mp X 1/4Fp	884.110-DB	5
110-DC Pipe Bushing 1/2Mp X 3/8Fp	884.110-DC	10
120-BA Pipe Adapter 1/4Fp X 1/8Mp	884.120-BA	10
120-CB Pipe Adapter 3/8Fp X 1/4Mp	884.120-CB	10
120-CC Pipe Adapter 3/8Fp X 3/8Mp	884.120-CC	5
120-DC Pipe Adapter 1/2Fp X 3/8Mp	884.120-DC	5
121-A Pipe Plug Hex Head Cored 1/8P	884.121-A	25
121-B Pipe Plug Hex Head Cored 1/4P	884.121-B	25
121-C Pipe Plug Hex Head Cored 3/8P	884.121-C	10
121-D Pipe Plug Hex Head Cored 1/2P	884.121-D	5
121-E Pipe Plug Hex Head Cored 3/4P	884.121-E	5
122-A Pipe Hex Nipple 1/8P	884.122-A	10
122-B Pipe Hex Nipple 1/4P	884.122-B	10
122-C Pipe Hex Nipple 3/8P	884.122-C	5
122-D Pipe Hex Nipple 1/2P	884.122-D	3
129R-4 Brass Coupler Splicer Rnd 1/4 Hose Id	884.129R-4	5

Description	Art. No.	P. Qty.
129R-6 Brass Coupler Splicer Rnd 3/8 Hose Id	884.129R-6	5
1460-10 Air Brake Sleeve For Nylon Dot 5/8T	884.1460-10	20
1460-4 Air Brake Sleeve For Nylon Dot 1/4T	884.1460-4	50
1460-6 Air Brake Sleeve For Nylon Dot 3/8T	884.1460-6	50
1460-8 Air Brake Sleeve For Nylon Dot 1/2T	884.1460-8	25
1461-10 Air Brake Nut For Nylon Dot 5/8T	884.1461-10	10
1461-4 Air Brake Nut For Nylon Dot 1/4T	884.1461-4	25
1461-6 Air Brake Nut For Nylon Dot 3/8T	884.1461-6	10
1461-8 Air Brake Nut For Nylon Dot 1/2T	884.1461-8	15
1462-10 Air Brake Coupling Dot Nylon 5/8T	884.1462-10	2
1462-4 Air Brake Coupling Dot Nylon 1/4T	884.1462-4	5
1462-6 Air Brake Coupling Dot Nylon 3/8T	884.1462-6	5
1462-8 Air Brake Coupling Dot Nylon 1/2T	884.1462-8	5
1468-10D Air Brake Connector Nylon 5/8T X 1/2P	884.1468-10D	2
1468-4A Air Brake Connector Nylon 1/4T X 1/8P	884.1468-4A	5
1468-4B Air Brake Connector Nylon 1/4T X 1/4P	884.1468-4B	5
1468-6B Air Brake Connector Nylon 3/8T X 1/4P	884.1468-6B	5
1468-6C Air Brake Connector Nylon 3/8T X 3/8P	884.1468-6C	5
1468-8C Air Brake Connector Nylon 1/2T X 3/8P	884.1468-8C	3
1468-8D Air Brake Connector Nylon 1/2T X 1/2P	884.1468-8D	5
1469-10D Air Brake 90Elbow Nylon 5/8T X 1/2P	884.1469-10D	2
1469-4A Air Brake 90Elbow Nylon 1/4T X 1/8P	884.1469-4A	5

Art. No. 965.8843 - Brass Pieces Only.

Art. No. 965.88431 - Bin Label set, must be ordered separately

Contents: 717 pieces

Note: Requires any two 40 compartment ORSY bins. Must be ordered separately. Recommended Art. No. 966.3 x 2. ORSY agreement for bins must be obtained from customer!

Description	Art. No.	P. Qty.
1469-4B air brake 90elbow nylon 1/4t x 1/4p	884.1469-4B	5
1469-6B air brake 90elbow nylon 3/8t x 1/4p	884.1469-6B	5
1469-6C air brake 90elbow nylon 3/8t x 3/8p	884.1469-6C	5
1469-8C air brake 90elbow nylon 1/2t x 3/8p	884.1469-8C	3
1469-8D air brake 90elbow nylon 1/2t x 1/2p	884.1469-8D	2
1471-6C air brake tee nylon 3/8t x 3/8pt to m c=1	884.1471-6C	2
1472-6B air brake tee nylon 3/8t x 1/4p f to t c=m	884.1472-6B	2
1472-6C air brake tee nylon 3/8t x 3/8p f to t c=m	884.1472-6C	2
1474-4B air brake 45elbow 1/4t x 1/4p	884.1474-4B	5
1474-6B air brake 45elbow 3/8t x 1/4p	884.1474-6B	2
1474-6C air brake 45elbow 3/8t x 3/8p	884.1474-6C	2
1481-10 Air brake brass insert for nyl 0.440ld	884.1481-10	25
1481-4 Air brake brass insert for nyl 0.170ld	884.1481-4	50
1481-6 Air brake brass insert for nyl 0.250ld	884.1481-6	25
1481-8 Air brake brass insert for nyl 0.375ld	884.1481-8	25
1492-6C air brake coupler 3/8 hose id x 3/8p	884.1492-6C	3
1492-6S air brake coupler splicer 3/8 hose id	884.1492-6S	2
1492-8C air brake coupler 1/2 hose id x 3/8p	884.1492-8C	2

Description	Art. No.	P. Qty.
1492-8S air brake coupler splicer 1/2 hose id	884.1492-8S	2
1493-6C air brake coupler w spring 3/8 hid x 3/8p	884.1493-6C	3
1493-8C air brake coupler w spring 1/2 hid x 3/8p	884.1493-8C	3
1495-C air brake terminal bolt 3/8fpt x 1-3/8l	884.1495-C	3
1495-L air brake terminal bolt 1/4fpt x 1-1/2l	884.1495-L	3
2120-B shut off cock 1/4p f to m	884.2120-B	2
2120-C shut off cock 3/8p f to m	884.2120-C	2
862-2-1/2 Air shift coupling 5/32t	884.862-2-1/2	2
868-2-1/2-1 Air shift connector 5/32t x 1/16p	884.868-2-1/2	2
X115-a extruded pipe street 90elbow 1/8p	884.X115-A	10
X115-b extruded pipe street 90elbow 1/4p	884.X115-B	5
X115-c extruded pipe street 90elbow 3/8p	884.X115-C	3
X115-d extruded pipe street 90elbow 1/2p	884.X115-D	3
X124-a extruded pipe street 45elbow 1/8p	884.X124-A	5
X124-b extruded pipe street 45elbow 1/4p	884.X124-B	5
X124-c extruded pipe street 45elbow 3/8p	884.X124-C	5
X124-d extruded pipe street 45elbow 1/2p	884.X124-D	5

AIR BRAKE FITTING ASSORTMENT



Description	Art. No.	Qty.
Air Brake Sleeve 1/4"	884.1460-4	25
Air Brake Sleeve 3/8"	884.1460-6	25
Air Brake Sleeve 1/2"	884.1460-8	25
Air Brake Sleeve 5/8"	884.1460-10	25
Air Brake Nut 1/4"	884.1461-4	10
Air Brake Nut 3/8"	884.1461-6	10
Air Brake Nut 1/2"	884.1461-8	10
Air Brake Nut 5/8"	884.1461-10	5
Air Brake Union 1/4"	884.1462-4	5
Air Brake Union 3/8"	884.1462-6	5
Air Brake Union 1/2"	884.1462-8	5
Air Brake Union 5/8"	884.1462-10	5
1/4" Tube 1/4" Male Pipe Conn.	884.1468-4B	5
1/4" Tube 3/8" Male Pipe Conn.	884.1468-4C	5
3/8" Tube 1/4" Male Pipe Conn.	884.1468-6B	5

Art. No. 965.8841

Contents: 337 pieces

36 different sizes of Air brake fittings.
Comes complete with 36-compartment bin 966.1

Description	Art. No.	Qty.
3/8" Tube 3/8" Male Pipe Conn.	884.1468-6C	5
3/8" Tube 1/2" Male Pipe Conn.	884.1468-6D	5
1/2" Tube 1/4" Male Pipe Conn.	884.1468-8B	5
1/2" Tube 3/8" Male Pipe Conn.	884.1468-8C	5
5/8" Tube 1/2" Male Pipe Conn.	884.1468-10D	5
1/4" Tube To 1/8" Male Pipe 45° Elbow	884.1474-4A	2
3/8" Tube To 1/4" Male Pipe 45° Elbow	884.1474-6B	2
3/8" Tube To 3/8" Male Pipe 45° Elbow	884.1474-6C	2
1/2" Tube To 3/8" Male Pipe 45° Elbow	884.1474-8C	2
1/4" Tube 3/8" Male Pipe 90° Elbow	884.1469-4C	5
3/8" Tube 1/8" Male Pipe 90° Elbow	884.1469-6A	5
3/8" Tube 3/8" Male Pipe 90° Elbow	884.1469-6C	5
3/8" Tube 1/2" Male Pipe 90° Elbow	884.1469-6D	3
1/2" Tube 1/2" Male Pipe 90° Elbow	884.1469-8D	5
5/8" Tube 3/8" Male Pipe 90° Elbow	884.1469-10C	5
Tube 3 Way Tree 1/4"	884.1464-4	2
Tube 3 Way Tree 3/8"	884.1464-6	2
Brass Insert 1/4"	884.1481-4	25
Brass Insert 3/8"	884.1481-6	25
Brass Insert 1/2"	884.1481-8	25
Brass Insert 5/8"	884.1481-10	25

BRAKE PIPE FITTING ASSORTMENT



Size	Description	Art. No.	Qty
1/8"	Pipe Adapter	884.120-AA	5
1/4"	Pipe Adapter	884.120-BB	5
3/8"	Pipe Adapter	884.120-CC	5
1/8"	Extruded Pipe Street 45° Elbow	884.X124-A	2
1/4"	Extruded Pipe Street 45° Elbow	884.X124-B	2
3/8"	Extruded Pipe Street 45° Elbow	884.X124-C	5
1/2"	Extruded Pipe Street 45° Elbow	884.X124-D	2
1/8"	Pipe Coupling FPT	884.103E-A	5
1/4"	Pipe Coupling FPT	884.103E-B	5
3/8"	Pipe Coupling FPT	884.103E-C	5
1/2"	Pipe Coupling FPT	884.103E-D	2

Art. No. 965.8842

Contains: 173 pieces contained in Bin Art. No. 966.1

- An entry level brass fitting assortment.

Size	Description	Art. No.	Qty
1/4" - 1/8"	Pipe Bushing M/F	884.110-BA	10
3/8" - 1/8"	Pipe Bushing M/F	884.110-CA	5
3/8" - 1/4"	Pipe Bushing M/F	884.110-CB	5
1/2" - 1/8"	Pipe Bushing M/F	884.110-DA	5
1/2" - 1/4"	Pipe Bushing M/F	884.110-DB	5
1/2" - 3/8"	Pipe Bushing M/F	884.110-DC	2
1/8"	Extruded Pipe Street 90° Elbow	884.X115-A	5
1/4"	Extruded Pipe Street 90° Elbow	884.X115-B	5
3/8"	Extruded Pipe Street 90° Elbow	884.X115-C	5
1/2"	Extruded Pipe Street 90° Elbow	884.X115-D	2
1/8"	Pipe Close Nipple	884.112-A	10
1/4"	Pipe Close Nipple	884.112-B	10
3/8"	Pipe Close Nipple	884.112-C	5
1/2"	Pipe Close Nipple	884.112-D	2
1/8"	Pipe Hex Nipple	884.122-A	10
1/4"	Pipe Hex Nipple	884.122-B	10
3/8"	Pipe Hex Nipple	884.122-C	5
1/2"	Pipe Hex Nipple	884.122-D	2
1/8"	Pipe Plug Hex Head Cored	884.121-A	10
1/4"	Pipe Plug Hex Head Cored	884.121-B	10
3/8"	Pipe Plug Hex Head Cored	884.121-C	5
1/2"	Pipe Plug Hex Head Cored	884.121-D	2

AIR BRAKE TUBING



- Designed for use with truck, trailer and other mobile air brake and auxiliary systems
- Lightweight, flexible
- UV stabilized
- Resistant to abrasion, oil, grease and road salt
- Temperature rating: -40 °C to +93 °C (-40 °F to +200 °F)
- Meets D.O.T. F.M.V.S.S. 106
- 1/8" O.D. does not comply with D.O.T. F.M.V.S.S. 106

Note: S.A.E. does not recognize 5/32" O.D. for air brake systems

S.A.E. - J844D Nylon Air Brake Tubing

Colour	Tube OD	Wall Thickness	Working Pressure (PSI)	Roll Length	Art. No.
Black	1/8"	0.023"	250	100'	884.NT10002BK
Black	5/32"	0.036"	250		884.NT10003BK
Black	1/4"	0.040"	300		884.NT10004BK
Blue					884.NT10004BL
Green					884.NT10004GR
Orange					884.NT10004OR
Red					884.NT10004RD
Yellow					884.NT10004YE
Black	3/8"	0.062"	350		884.NT10006BK
Blue					884.NT10006BL
Green					884.NT10006GR
Orange					884.NT10006OR
Red					884.NT10006RD
Yellow					884.NT10006YE
Black	1/2"	0.062"	240	884.NT10008BK	
Blue				884.NT10008BL	
Green				884.NT10008GR	
Orange				884.NT10008OR	
Red				884.NT10008RD	
Black	5/8"	0.092"	225	25'	884.NT10010BK
Blue				884.NT10010BL	
Green				884.NT10010GR	
Orange				884.NT10010OR	

HOSES



S.A.E. - J1402 Rubber Air Brake Hose				
Inside Dia.	Outside Dia.	W.P.(P.S.I.).	Reel Length (ft.)	Art. No.
3/8	3/4	225	50	884.HAB-6-50
			250	884.HAB-6-250
1/2	7/8		50	884.HAB-8-50
			250	884.HAB-8-250

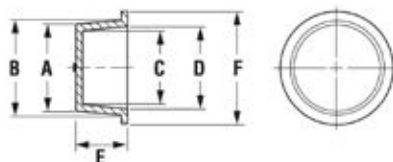


Truck Silicone Coolant Hose				
Actual I.D.	Hose O.D.	W.P. (P.S.I.).	Art. No.	Length
2-1/2"	2.90"	60	884.CHS-40-4	3 ft.
2-3/4"	3.15"		884.CHS-44-4	3 ft.
3"	3.40"	55	884.CHS-48-4	3 ft.



S.A.E. 100R5 Hydraulic HOSE						
Actual I.D. (IN.)	Working Press (P.S.I.)	Min Burst (P.S.I.)	Min. Bend Radius (P.S.I.)	Approx. Wgt./Ft (LBS)	Art. No.	Length
3/16	3,000	12,000	3.00	.16	884.HR5-4-CUT	25 ft.
5/16	2,250	9,000	4.00	.22	884.HR5-6-CUT	25 ft.
13/32	2,000	8,000	4.62	.27	884.HR5-8-CUT	25 ft.
1/2	1,750	7,000	5.50	.34	884.HR5-10-RE	25 ft.
5/8	1,500	6,000	6.50	.42	884.HR5-12-RE	25 ft.

CAPS AND PLUGS - TAPERED



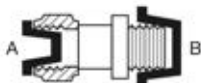
- For use with any brass or black iron pipe, engine / transmission work, or with hydraulic fittings
- Provides excellent protection against damage, dirt or moisture that occurs during manufacturing, storage or shipping
- Recommended for all threaded (Unified and NPT) and non-threaded internal and external fittings
- Tapered body provides firm friction fit when used as a cap or plug
- Secure fit, easy removal
- All caps/plugs are unthreaded

Technical Information	
Material	Low-density polyethylene
Colour	Orange
Applicable Spec	MIL-C-5501/7

Note: When used as a Plug: 'B' dimension should be at least .020" larger than diameter to be plugged. Larger diameters may require more interference. When used as a Cap: 'C' dimension should be at least .020" less than diameter to be capped. Larger diameters may require more interference.

Plug			Cap			Dimensions												Art. No.	P. Qty.
Thread Sizes			Thread Sizes			To Plug				To Cap				E		F			
NPT/ BSP	Standard	Metric	NPT/ BSP	Standard	Metric	A		B		C		D		in	mm	in	mm		
-	5/16	M8x1	-	-	M5	.239	6.07	.303	7.7	.175	4.45	.239	6.07	.38	9.65	.47	11.94	823.6921236	100
1/8	-	-	-	-	-	.331	8.41	.397	10.08	.267	6.78	.333	8.46	.38	9.65	.56	14.22	823.6921229	
-	-	M12x1.25	-	3/8	-	.392	9.96	.459	11.66	.328	8.33	.395	10.03	.41	10.41	.59	14.99	823.6921239	
1/4	1/2	M14	1/8	-	M10x1.25	.422	10.72	.486	12.34	.358	9.09	.422	10.72	.41	10.41	.62	15.75	508.181	
-	-	M14x1.5	-	7/16	-	.448	11.38	.512	13.00	.384	9.75	.448	11.38	.41	10.41	.66	16.76	823.6921240	
-	-	M16	-	-	M12x1.25	.500	12.70	.568	14.43	.436	11.07	.504	12.80	.47	11.94	.72	18.29	823.6921892	
3/8	-	M18	-	9/16	-	.551	14.00	.633	16.08	.487	12.37	.569	14.45	.50	12.70	.78	19.81	823.6921188	
-	-	M18x1.5	-	5/8	M14x1.5	.580	14.73	.668	16.97	.518	13.16	.606	15.39	.53	13.46	.84	21.34	823.6921242	
-	-	-	-	-	-	.610	15.49	.695	17.65	.549	13.94	.634	16.10	.53	13.46	.84	21.34	823.6921422	
-	3/4	M20	-	-	-	.642	16.31	.729	18.52	.578	14.68	.665	16.89	.50	12.70	.88	22.35	823.6921243	
1/2	-	M22	-	-	-	.691	17.55	.787	19.99	.627	15.93	.723	18.36	.59	14.99	.94	23.88	823.6921203	50
-	-	M22x1.5	-	3/4	-	.727	18.47	.825	20.96	.663	16.84	.761	19.33	.59	14.99	1.00	25.40	823.6921245	
-	7/8	M24	-	-	M18x1.5	.752	19.10	.849	21.56	.688	17.48	.785	19.94	.59	14.99	1.00	25.40	823.6921246	
-	15/16	M24x2	1/2	-	-	.803	20.40	.912	23.16	.739	18.77	.848	21.54	.66	16.76	1.06	26.92	823.6921204	
3/4	-	-	-	-	-	.869	22.07	.973	24.71	.805	20.45	.909	23.09	.66	16.76	1.13	28.70	823.6921922	
-	1-1/16	M27x2	-	-	M22x1.5	.915	23.24	1.040	26.42	.855	21.72	.980	24.89	.72	18.29	1.16	29.46	823.6921248	25
-	-	-	3/4	-	M24x2	.967	24.56	1.092	27.74	.903	22.94	1.028	26.11	.78	19.81	1.25	31.75	823.6921249	
-	-	M30x2	-	1-1/16	-	.997	25.32	1.144	29.06	.933	23.70	1.080	27.43	.78	19.81	1.31	33.27	823.6921153	
1	1-1/4	M33	-	-	M27x2	1.093	27.76	1.219	30.96	1.029	26.14	1.155	29.34	.78	19.81	1.41	35.81	823.6921193	10
-	1-5/16	M33x2	-	-	-	1.179	29.95	1.286	32.66	1.115	28.32	1.222	31.04	.75	19.05	1.44	36.58	823.6921250	
1-1/4	-	-	-	-	M36x3	1.451	36.86	1.601	40.67	1.387	35.23	1.537	39.04	.75	19.05	1.75	44.45	823.6921254	
1-1/2	1-7/8	-	-	-	-	1.720	43.69	1.850	46.99	1.664	42.27	1.794	45.57	.75	19.05	2.03	51.56	823.6921972	

Application Guide



Recommended closures for tube fittings and hydraulic fittings.



Recommended closures for threaded external and internal N.P.T. fittings. Based on average tapped hole fit.



Recommended closures for unthreaded standard weight pipe.

As Plugs (A)	As Caps (B)	Dash No.	Tubing O.D.	Thread
823.6921236	-	-2	1/8	5/16-24
-	823.6921239	-3	3/16	3/8-24
508.181	-	-5	5/16	1/2-20
-	823.6921188	-6	3/8	9/16-18
-	823.6921242	-	3/8	5/8-18
823.6921243	823.6921245	-8	1/2	3/4-16
823.6921246	-	-10	5/8	7/8-14
823.6921248	823.6921153	-12	3/4	1-1/16-12
823.6921250	-	-16	1	1-5/16-12

As Plugs (A)	As Caps (B)	Size
823.6921229	-	1/8
508.181	-	1/4
823.6921203	823.6921204	1/2
823.6921922	823.6921153	3/4
823.6921193	-	1
823.6921254	-	1-1/4

As Plugs	Size
823.6921236	1/8
823.6921229	1/4
823.6921242	1/2
823.6921246	1/2
823.6921249	1

PLASTIC HOLE PLUGS



Art. No. 507.001

For up to 3/32" metal thickness

CAPS AND PLUGS ASSORTMENT



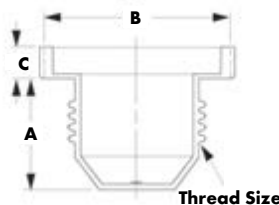
Art. No. 965.823

Description	Art. No.	Qty
Plug 5/16" M8x1.0 Cap 5mm orange	823.6921236	25
Plug M14x1.50 Cap 7/16" orange	823.6921240	25
Plug M18x1.5 Cap 5/8" M14x1.5	823.6921242	25
Plug 1/2" npt m22 orange	823.6921203	25
Plug 1/8" npt orange	823.6921229	25
Plug M16 cap m12x1.25 orange	823.6921892	25
Plug M22x1.5 Cap 3/4" orange	823.6921245	10
Plug M12x1.25 Cap 3/8" orange	823.6921239	25
Plug 3/8" npt M18 cap 9/16" orange	823.6921188	25
Plug 3/4" M20 orange	823.6921243	25
Plug 7/8" M24 cap M18x1.50	823.6921246	10

Contents: 295 pieces

- 13 of our most popular caps/plugs in both metric and standard sizes.
- For use with any brass or black iron pipe and fittings, hydraulic fittings, or engine/transmission work.

FLARED FITTING PLUGS



Features:

- Designed to protect flared fittings as well as 37° flared fittings without gasket.
- Engineered with knurled head for ease of application.
- Will meet low-pressure testing requirements.
- High-Density Polyethylene
- Colour: Red

To plug thread size	To plug tubing Size	To plug S.A.E./JIC fitting	Dimensions			Art. No.	Pack Qty.
			A	B	C		
7/16-20	1/4	4	0.50" (12.70 mm)	0.72" (18.29 mm)	0.22" (5.59 mm)	823.69216	50
9/16-18	3/8	6	0.53" (13.46 mm)	0.88" (22.35 mm)	0.28" (7.11 mm)	823.692110	
3/4-16	1/2	8	0.75" (19.05 mm)	1.06" (26.92 mm)	0.28" (7.11 mm)	823.692112	25
7/8-14	5/8	10	0.84" (21.34 mm)	1.25" (31.75 mm)	0.28" (7.11 mm)	823.692114	
1-1/16-12	3/4	12	0.86" (21.84 mm)	1.41" (35.81 mm)	0.25" (6.35 mm)	823.692116	
1-5/16-12	1	16	0.91" (23.11 mm)	1.75" (44.45 mm)	0.25" (6.35 mm)	823.692120	
1-5/8-12	1-1/4	-	0.94" (23.88 mm)	2.22" (56.39 mm)	0.34" (8.64 mm)	823.692124	

LIQUID FILLED PRESSURE GAUGE



1/4 M.P.T Center Back Mount				
Range (P.S.I)		Dial Dia	Art. No.	P.Qty
0-160	0-1100	2.5"	884.PG-160CG2	1
0-5000	0-35000		884.PG5000	

SPECIALTY VALVES



Forged Body Hose to Male Pipe			
P.S.I	Hose I.D	Male Pipe	Art. No.
200	3/8	3/8	884.1139-6C
	5/8	3/8	884.1139-10C
	3/4	1/2	884.1139-12D



Air Tank Drain Valve	
Pipe	Art. No.
1/4	884.14DV-60B

PLUMBING BALL VALVES



Forged Brass Ball Valves Full Port, Pipe- Female to Female			
W.S.P	W.O.G	Pipe	Art. No.
150	600	1/4	884.BV2103-B
		3/8	884.BV2103-C
		1/2	884.BV2103-D
		1	884.BV2103-H



Cast Brass Ball Valves- Full Port, Pipe - Female to Female		
W.O.G	Pipe	Art. No.
600	1/2	884.BV4103-D
600	3/4	884.BV4103-E
600	1	884.BV4103-H

BRASS DRAIN COCKS



Back Seating Type	
Pipe	Art. No.
1/8	884.240-A
1/4	884.240-B
3/8	884.240-C
1/2	884.240-D



Ground Key Plug Type Lever Handle	
Pipe	Art. No.
1/8	884.241-A
1/4	884.241-B



Needle Seat One Piece Plug and Handle	
Pipe	Art. No.
1/8	884.242-A
1/4	884.242-B



Needle Seat	
Pipe	Art. No.
1/4	884.243-B



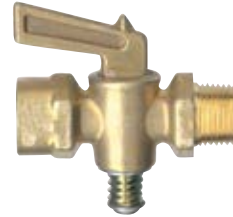
Heavy Duty Ground Key Plug Type Tee Handle	
Pipe	Art. No.
1/4	884.T241-B

BRASS SPRING BOTTOM SHUT-OFF COCKS

Not Recommended for Use with Liquids
(Temperature: -40 °C / -40 °F to 121 °C / 250 °F)



Pipe Female to Female		
P.S.I	Pipe	Art. No.
30	1/4	884.2103-B



Pipe Female to Male		
P.S.I	Pipe	Art. No.
30	1/8	884.2120-A
	1/4	884.2120-B
	3/8	884.2120-C

SPECIALTY CLAMPS & ACCESSORIES



Hose Spacers	
Hose I.D	Art. No.
3/8	884.HAB-HAN-6
1/2	884.HAB-HAN-8



Hose support spring	
Length (in)	Art. No.
13	884.HAB-SPRIN

PNEUMATIC COUPLINGS



Industrial Interchange Manual Coupler			
Body Size	Pipe	W.P. (P.S.I.)	Art. No.
1/4	1/4 FPT	300	884.INDMC44F
3/8	1/4 MPT		884.QDINDMC64
3/8	3/8 FPT		884.QD81DMC44
1/2	1/2 FPT		884.QDINDMC88



Industrial Interchange Automatic Coupler			
Body Size	Pipe	W.P. (P.S.I.)	Art. No.
1/4	1/4 FPT	300	884.QDINDAC44
3/8	1/4 FPT		884.QDINDAC64
1/4	1/4 MPT		884.INDAC4-4M
3/8	1/4 MPT		884.QDINDA64M
3/8	3/8 MPT		884.QDINDA66M



Industrial Interchange Nipple Manual and Automatic			
Body Size	Pipe	W.P. (P.S.I.)	Art. No.
1/4	1/4 FPT	300	884.QDINDN44F
3/8	1/4 FPT		884.QDINDN64F
3/8	3/8 FPT		884.QDINDN66F
1/2	1/2 FPT		884.QDINDN88F
1/4	1/4 MPT		884.QDINDN44M
3/8	1/4 MPT		884.QDINDN64M
3/8	3/8 MPT		884.QDINDN66M
1/2	1/2 MPT		884.QDINDN88M



Industrial Interchange Automatic Coupler		
Body Size	Pipe	Art. No.
1/4	1/4 FPT	884.2414704



Industrial Interchange Automatic Nipple		
Body Size	Pipe	Art. No.
1/4	1/4 MPT	884.2424604



Industrial Interchange Automatic Set (coupler & nipple) Quick		
Body Size	Pipe	Art. No.
1/4	1/4 (FPT & MPT)	884.2414710



ARO210/ARO310 Series Coupling			
Body Size	Pipe	W.P. (P.S.I.)	Art. No.
1/4	1/4 FPT	250	884.QDAROAC4



Tru-Flate Interchange (automatic standard) Coupling		
Body Size	Pipe	Art. No.
1/4	1/4 FPT	884.QDSF36C44
3/8	3/8 FPT	884.QDTFMC66F



Lincoln Interchange Manual Coupling		
Body Size	Pipe	Art. No.
1/4	1/4 FPT	884.QDLINMC44

A.



B.



ARO210/ARO310 series automatic Nipple			
Body Size	Pipe	W.P. (P.S.I.)	Art. No.
1/4	1/4 FPT	250	884.QDARON44F
1/4	1/4 MPT		884.QDARON44M



Tru-Flate Interchange (automatic standard) Nipples		
Body Size	Pipe	Art. No.
3/8	1/4 MPT	884.QDTFN64M

A.



B.



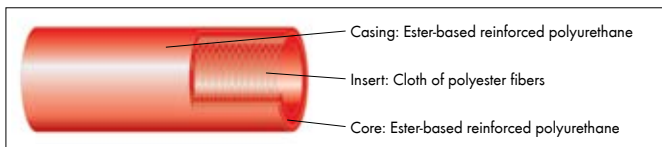
Lincoln Interchange Manual Nipple		
Body Size	Pipe	Art. No.
1/4	1/4 FPT	884.QDLINN44F
1/4	1/4 MPT	884.QDLINN44M

PU COMPRESSED AIR HOSES



Features:

- Compressed-air hoses of polyurethane (PU) are considerably lighter, more flexible and more resistant to kinking than PVC hoses.
Increased working comfort and broader range of applications.
- Smooth inside hose surfaces prevent air resistance and enable a high air flow rate.
No pressure drop and maximum utilization of output of consumers.
- High resistance to abrasion, sturdy cloth lining and outstanding resistance to oil, gasoline, dirt and UV.
Temperature range: -20°C to +60°C.
Reduces costs and has a service life up to 10x longer than that of PVC hoses.
- Maximum operating pressure of 232 psi.
Up to four times higher safety factor for user.



Inner hose diameter	Outer hose diameter	Length of hose	Art. No.	Qty.
8.0 mm	12.0 mm	10.0 m	883.942811	1
		25.0 m	883.942812	
11.0 mm	16.0 mm	10.0 m	883.942115	
		25.0 m	883.942116	

PREMIUM AIR HOSE



- Features EPDM cover and tube with high tensile spiral reinforcement
- Temperature: -20 °F to +200 °F (-29 °C to +93 °C)
- Bursting pressure: 600 psi

Applications:

Best suited for applications requiring maximum flexibility or a lighter weight rubber hose

Art. No.	Inside Dia.	Outside Dia.	W.P.S.I.	Reel Length (ft.)
884.1000	3/8"	.669	200	50
884.1100	1/2"	.881		

AIR HOSE WITH ENDS



- Features EPDM cover and tube with high tensile spiral reinforcement
- Temperature: -20 °F to +200 °F (-29 °C to +93 °C)
- Bursting pressure: 600 psi

Applications:

Best suited for applications requiring maximum flexibility or a lighter weight rubber hose

Art. No.	Inside Dia.	Outside Dia.	W.P.S.I.	Reel Length (ft.)
884.10011	3/8"	.669	200	25
884.10012				50

HIGHFLEX PREMIUM AIR HOSE WITH 1/4" MPT CRIMPED ENDS



- Multi purpose hose
- More flexible than most rubber hoses even at extremely low temperatures
- Temperature: -40 °F to 150 °F (-40 °C to 65 °C)

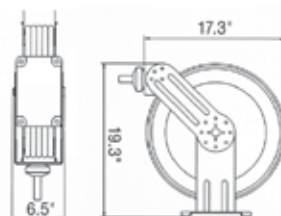
Applications:

Ideal for pneumatic hand tool and shop air applications due to its light weight and relatively high pressure rating.

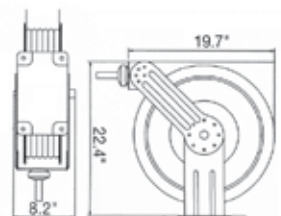
Art. No.	Inside Dia.	Outside Dia.	W.P.P.S.I	Reel Length (ft.)
884.10021*	3/8"	.625	300	50
884.10025				25
884.10030				50

* Does not come with ends

HOSE REEL HEAVY DUTY WITH FLEX HYBRID HOSE



Hose Reel HD 3/8"



Hose Reel HD 1/2"

Features:

- Heavy duty steel construction
- Heavy ribbed steel plate
- Epoxy powder coated
- Fully enclosed and lubricated spring
- Four direction, non-snag rollers

Benefits:

- Very durable with strong support
- Resists corrosion
- Wall, ceiling or floor mounting possible
- Superior quality rollers reduce hose wear

Diameter I.D.	Length	Art. No.	P. Qty
1/2 inch	50 feet	008.REEL12	1
3/8 inch		008.REEL38	

AIR HOSE FLEX HYBRID TECHNOPOLYMER



Features:

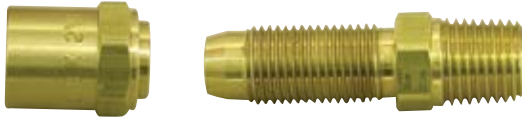
- Engineered hybrid polymer
- Reinforced with high tensile polyester yarns
- Working temperature range: 23F-140F (-5C - 60C)
- 300 PSI

Benefits:

- Provides the best attributes of PVC and rubber
- Superior flexibility
- Lightweight
- Good resistance to oils, heat, ozone and abrasion
- Easy to unwind and rewind

Diameter I.D.	Diameter O.D.	Brass Fitting	Length	Art. No.	P. Qty
1/2 inch	.71"	3/8" NPT	25 feet	884.007012	1
3/8 inch	.59"	1/4" NPT		884.007038	
1/2 inch	.71"	3/8" NPT	50 feet	884.0070121	
3/8 inch	.59"	1/4" NPT		884.0070381	

HOSE REPAIR FERRULES



Hose I.D	Reusable Hose Ferrule	Reusable Male Hose Stem	P. Qty
3/8"	884.750-106	884.751-6B	5
1/2"	884.750-148	884.751-8B	

**Example of
884.750-106 mated
with 884.751-6B**



Installation instructions:

- Thread the hose ferrule over the end of the hose.
- Thread the hose stem into the hose ferrule.
- * **No hose clamps or band clamps are required.**

NOZZLE



Art. No. 884.1501

- Adjustable flow-cone spray, sharp stream and full flow with insulated molded grip for spraying hot and cold water
- Heavy duty die cast body with hold-open clip for continuous spraying
- Male hose threaded front for attaching accessories
- Brass valve spray mechanism
- Solid brass valve stem with permanent adjusting nut
- Rust resistant
- Rubber head guard to protect against scratches to cars

BRASS DUAL HOSE ADAPTER



Art. No. 884.1502

- Attaches to most outdoor taps
- Offers the opportunity to run two hoses off one tap or a hose and irrigation system etc.
- Solid milled brass male connector that will divide your hose into two sections
- 3/4" garden hose thread

WATER HOSE FITTINGS



Hose Barb to Male Hose	
Hose I.D	Art. No.
3/8	884.193-6
5/8	884.193-10
Swivel Hose Barb to Female Hose	
Hose I.D	Art. No.
3/8	884.195-6
5/8	884.195-10

- Repair and extend the life of old shop water hoses
- Machined from brass; will not rust
- Shorten or lengthen existing water hoses
- Join two existing water hoses