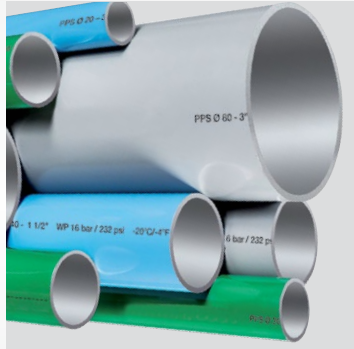


# TOPRING Piping system



Series 08

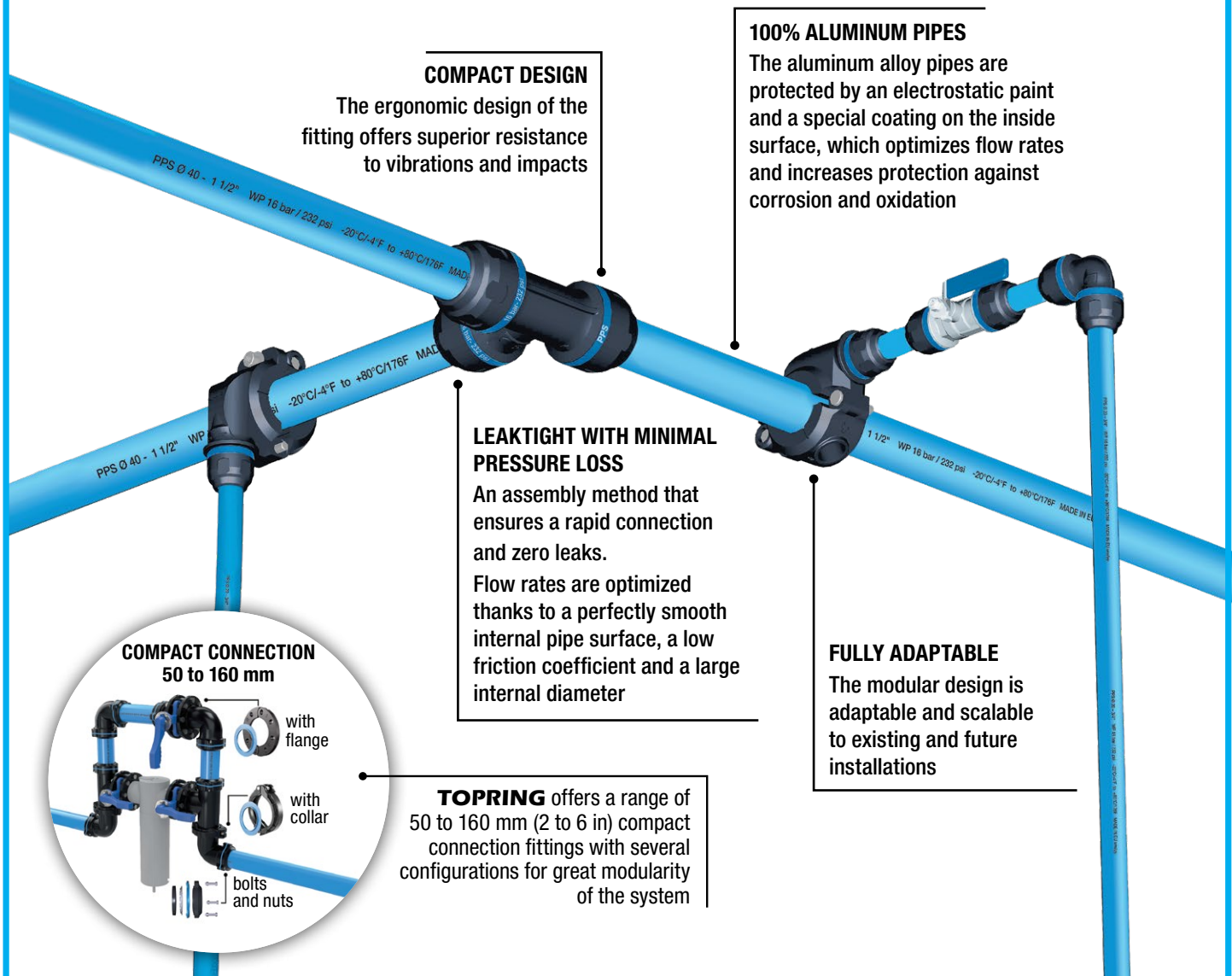
mm	16	20	25	32	40	50	63	80	100	160
in	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4	6

**TOPRING**  
Compressed air solutions

# THE MOST ADVANCED COMPRESSED AIR SYSTEM IN THE WORLD

The **TOPRING** compressed air system is made of lightweight, corrosion-resistant pipes and fittings. Quick and easy to install, the system can be pressurized immediately. A durable system that easily adapts to immediate needs or future expansions.

- ✓ Compact, leaktight and optimized flow rate
- ✓ A clean, top quality air supply
- ✓ Quick and easy to assemble
- ✓ Wide range of tube and component diameters from 16 to 160 mm



## CERTIFICATIONS

### Pressure Equipment



Fittings and ball valves are registered under the Canadian Registration Number (CRN)



All products are registered with Technical Standard & Safety Authority (TSSA)



All products meet the requirements of ASME B31 / ASME B31.1 / ASME B31.3



All products are in compliance with the European Pressure Equipment Directive (PED) 2014/68 / EU

### Quality of the Fluids



All products are made of aluminum and meet ISO 8573:2010 Class 0.0.0 requirements which guarantees no contamination of the fluid by solid particles, water, moisture or oil



Oil free



Silicone free



The tubes comply with the QUALICOAT label, which guarantees the quality of the painting process, the chemicals used, the finish and the resistance of the tube coating



NSF-H1 certification: meets the requirements of the most strictest applications for the food, chemical, pharmaceutical or cosmetics industries

### Safety and Protection



Complies with fire protection standard: STANDARD 13501-1:2018 Classification B-S1,d0



Complies with the flammability safety standard UL 723 -ASTM E84 Class 0.0.0 UL 94 HB



UV resistance



All products comply with the ATEX Directive: 2014/34 / EU Zone 1 & 2 - 21 & 22

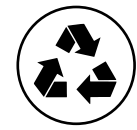
### Environment



Compliant with REACH regulation EC1907/2006



RoHS compliant



The aluminum of tubes and fittings is 100% recyclable

### Quality system



Quality system ISO9001-2015 certified



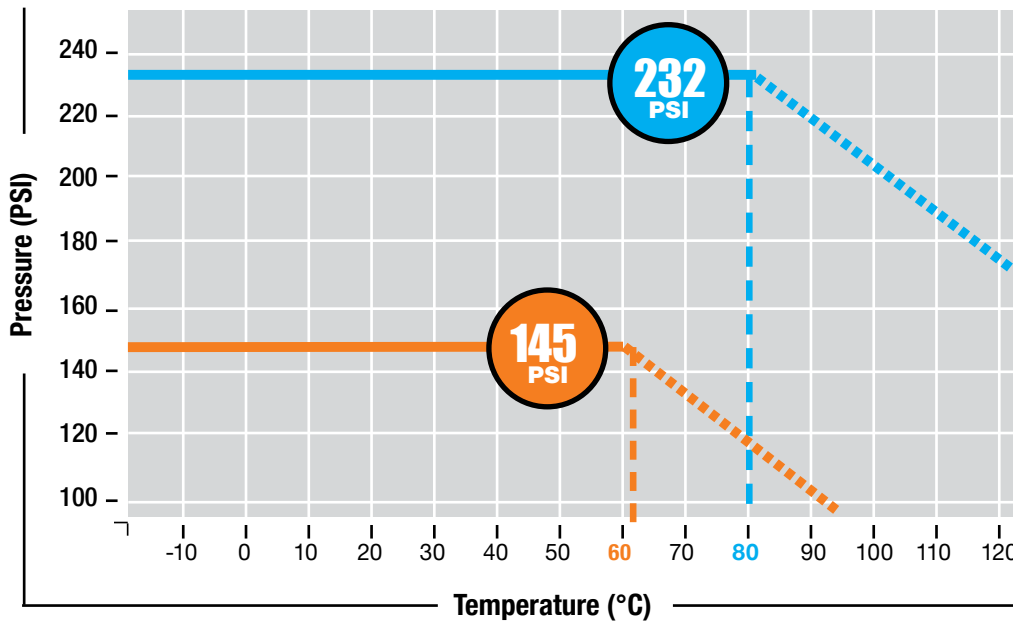
QPS- CERTIFICATION: Certification granted by ASME for the maintenance of an effective quality program particularly in the control of quality processes for the manufacture of pipe fittings and subassemblies for compressed air systems

**SPECIFICATIONS**

**Maximum working pressure:** 16 to 160 mm (1/2 to 3 in): 232 PSI (16 BAR)

**Burst pressure:** 16 to 160 mm safety coefficient of 5:1 (232 PSI x 5 = 1 160 PSI)

**Working temperature:** -20 to 80 °C



**LEGEND**

- **TOPRING S08**  
100% aluminum pipes and fittings
- Aluminum pipes and plastic fittings

**GOOD TO KNOW**

**TOPRING S08** 100% aluminum pipes and fittings from 16 to 160 mm allow the system to operate at a maximum pressure of 232 PSI at temperatures between -20 to 80°C. Systems using aluminum piping and plastic or plastic/aluminum fittings are limited to a maximum pressure of 145 PSI or less at temperatures of -20 to 60 °C.

**Vacuum level**

-28.94 in Hg / -0.98 BAR

**Environment**

- The pipes and fittings material are 100% recyclable
- All pipes and fittings are guaranteed silicone free

**Applications**

- Compressed air
- Vacuum
- Inert gases (nitrogen, CO<sub>2</sub>, argon, etc.)

**Resistance to**

- Corrosion
- Harsh environments
- Mechanical shock
- Thermal variations
- Mineral and synthetic oils for compressors
- Ultraviolet

**WARRANTY**

The **TOPRING S08** products are warranted to be free of defects in material and workmanship for a period of ten (10) years from the date which the client-user was invoiced by the Distributor.

For more details, visit **TOPRING.com** / Return and Warranty





# INSTRUCTIONAL VIDEO



Watch **TOPRING** S08 compressed air piping system videos: <https://bit.ly/en-s08-catalogue>



## PRODUCT SAMPLE KITS

### PRESENTATION CASE WITH PRODUCTS



Product No	Description
97.194	S08 product samples in a rigid case with 16 to 80 mm diameters pipes and fittings



### PIPE AND FITTING SAMPLE IN A PLASTIC CASE

Product No	Description
97.191	Pipe and fitting samples in a rigid plastic tube

**TOPRING**  
COMPRESSED AIR PIPING SYSTEM • Series 8  
100% aluminum concept / Quick and easy installation

The 100 mm fittings offer 3 connection possibilities for a great modularity of the system:

- Connection with bolts and nuts
- Connection with nut
- Connection with flange

ON ISO 9001 IAF046 CE GBC ISO 14001

### 3D BOARDS WITH PRODUCTS

Product No	Description
96.908.05	French version 24 x 32 in
96.908.06	English version 24 x 32 in

Rigid 1/2 in thick board with real pipes and components demonstrating the features and benefits of **TOPRING** S08 compressed air piping system

# ALUMINUM PIPING

**SIMPLIFIED INSTALLATION**

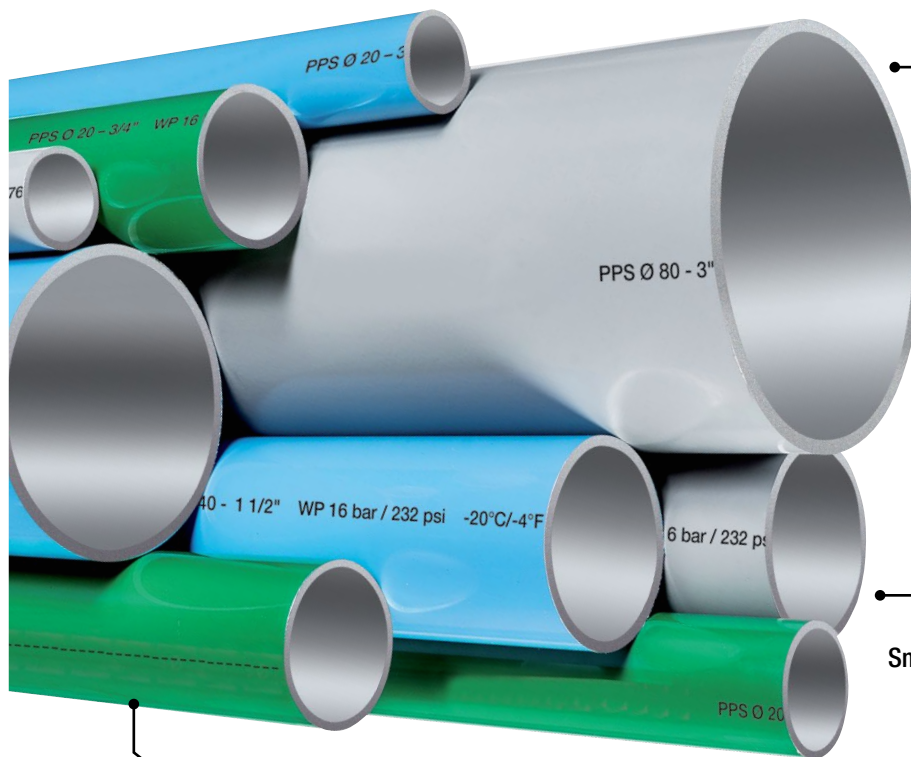
Simple assembly method  
for all pipe diameters  
Easy to cut and chamfer

**LIGHTWEIGHT**

Easy to handle  
and assemble

**TUBE COLORS**

Available in blue, green and  
gray color for fluid identification

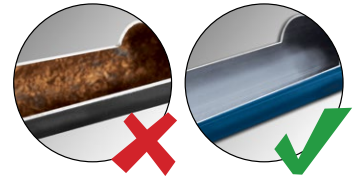


**UV AND HEAT RESISTANT**

Low expansion coefficient

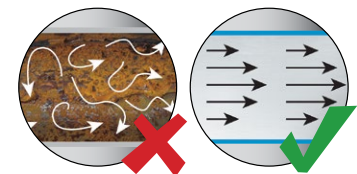
**CORROSION RESISTANT**

Extruded aluminum alloy with internal  
and external titanium treatment  
prevents rust formation



**VERY LOW PRESSURE LOSS**

Smooth internal surface prevents air turbulence



Dashed line to facilitate installation

**PIPE MARKING**

CE* Pressure Equipment Directive	O. D. (mm)	Maximum working pressure (PSI)	Working temperature (°C/°F)	Place and date of manufacture
CE	Ø 80-3"	WP 16 bar/232 Psi	-20 °C/-4 °F to +80 °C/176 °F	MADE IN EU 05/21

\* Marking on 80 to 160 mm tubes

# ALUMINUM PIPING

## AVAILABLE OUTSIDE DIAMETERS AND TUBE LENGTHS

Outside pipe diameter (mm)	Pipe Length	
	m	ft
16	4	13
20-25-32	4	13
	5.5	18
40-50-63-80-100-160	5.5	18

### Materials

**Pipe:** EN AW 6060 T6 anodized aluminum alloy extrusion

**Coating:** Titanium treatment with electrostatic paint

### Specifications

#### Extrusion quality:

- Non-welded extrusion manufacturing process
- Calibrated pipe

#### Color:

- Blue – Compressed air – RAL 5012
- Grey – Vacuum – RAL 7001
- Green – Nitrogen – RAL 6029

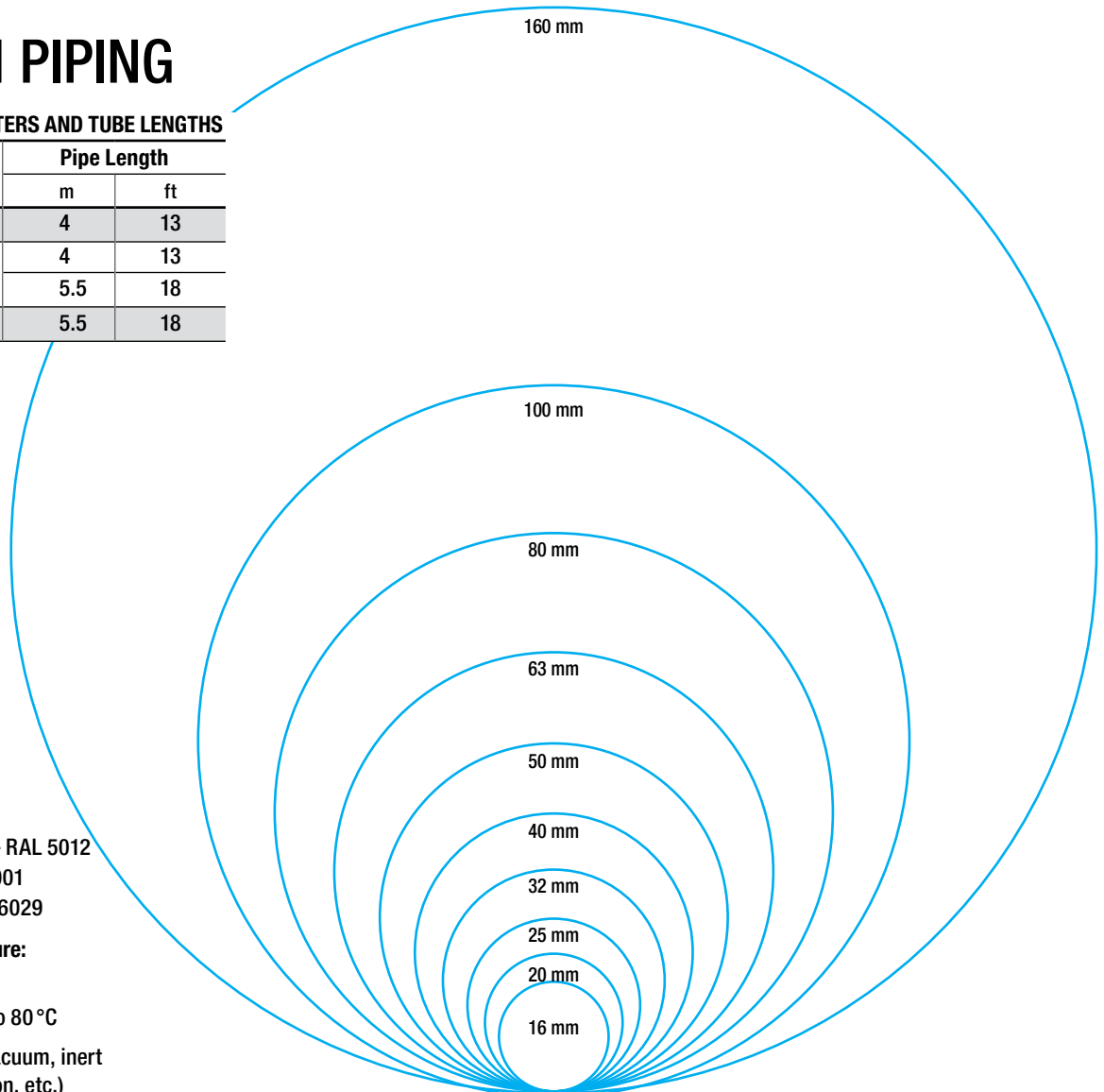
#### Maximum Working Pressure:

232 PSI (16 BAR)

#### Temperature Range:

-20 to 80 °C

**Fluids:** Compressed air, vacuum, inert gases (nitrogen, CO<sub>2</sub>, argon, etc.)



ACTUAL DIAMETERS OF PIPES

## Pipe packaging fully recyclable



Our team of engineers has implemented a packaging method that is fully recyclable.

Eco-responsibility, waste reduction and local sourcing are part of our approach in this innovation process.



Strength tested and approved  
 Locally sourced packaging material  
 25% reduction in packaging weight  
 Reduced weight = reduced transport cost





# TAKE-OFF DROP COUPLINGS

The take-off drop couplings are used to install drop legs to supply workstations on new or existing compressed air systems. They also prevent water infiltration.

**UNIQUE FULL FLOW DIAMETER**  
For an optimized flow rate

**COMPACT**  
Body and nut entirely made from aluminum

**CONDENSATE MANAGEMENT**  
Accumulated water in the lower section of the main pipe will be drained at a low point by an automatic drain

**V-SHAPE ANTI-ROTATION SYSTEM**  
Textured v-shaped marking integrated directly into the drop coupling prevents the rotation of the pipe during drilling operations

**OPTIMIZED ALIGNMENT**  
Integrated alignment guide to facilitate drilling operations

**VISUAL MARK**  
Engraved mark on drop coupling for pipe marking to help reposition the drop coupling to its original position on the pipe

**PROPRIETARY DRILLING TOOLS**  
With a stop bumper to prevent accidental perforation of the pipe

 Watch **TOPRING** compressed air piping system videos:  
<https://bit.ly/en-s08-catalogue>



# FITTINGS | 16 to 80 mm - 1/2 to 3 in

Using an innovative single assembly method, the **TOPRING 08** fittings are entirely made of aluminum and are offered in a large range of diameters and configurations from 16 to 80 mm (1/2 to 3 inches).

**TWO-PIECE FITTING**  
Aluminum body and nut



**LEAKPROOF CONNECTION**

Lubricated double lobe PTFE coated blue seal

Perfectly leaktight even under the hardest conditions



**HIGH-PERFORMANCE INTERNAL GRIP DESIGN**

Stainless steel ring with gripping teeth for increased grip, strength and safety. Internal components are securely maintained inside the fitting. It is a great advantage, especially during installation, because it prevents the components from falling in pieces and eliminates reassembly errors



**PRODUCT IDENTIFICATION**

**DIAMETER / THREAD**

Pipe external diameter mm and inches

Threaded fitting NPT size inches



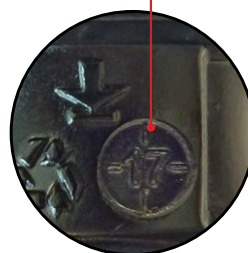
**PRESSURE**

Maximum working pressure (BAR/PSI)



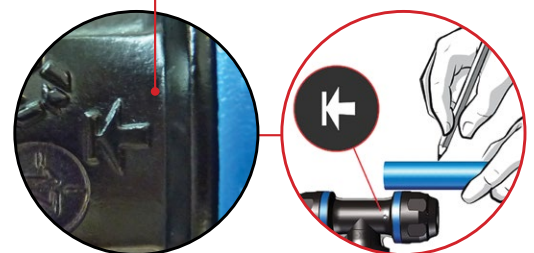
**TRACEABILITY**

Year of manufacturing



**REFERENCE MARK**

Reference mark on the fitting for pipe marking for proper insertion



# FITTINGS | 100 and 160 mm - 4 and 6 in

**TOPRING S08** 100 and 160 mm (4 and 6 in) fittings are based on 3 main principles: tight connections, ease of installation and great modularity of the system.

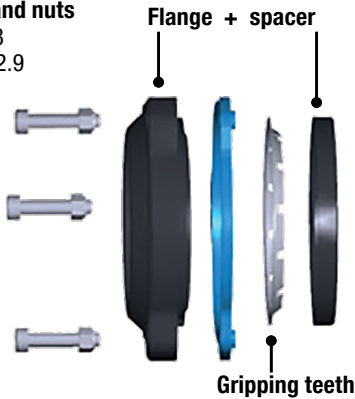
**FITTING**

Aluminum body



**INTERNAL GRIP DESIGN\***

3 bolts and nuts  
CHC M8  
Class 12.9



\* 160mm fittings include 4 nuts

**PRODUCT IDENTIFICATION**

**Materials**

**Body and Nut:** 100% aluminum, EN AB 46100

**Gripping Teeth:** Stainless steel

**Double Lobe Seal:** NBR with PTFE coating

**Specifications**

**Maximum Working Pressure:** 191 PSI (13 BAR)

**Vacuum Level:** -28.94 in Hg / -0.98 BAR

**Working Temperature:** -20 to 80 °C

**DIAMETER**

Pipe external diameter  
mm and inches



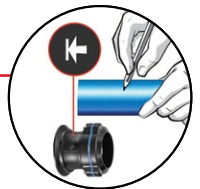
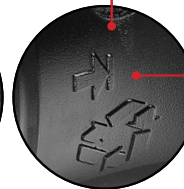
**TRACEABILITY**

Year of manufacturing



**REFERENCE MARK**

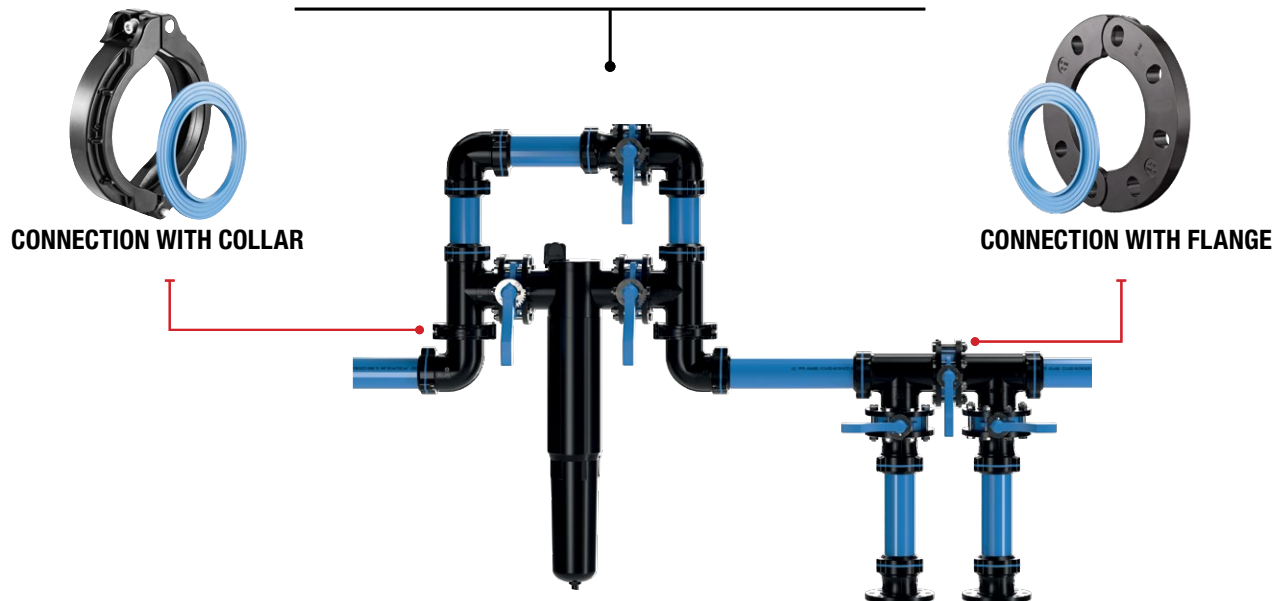
Reference mark on the fitting for pipe marking for proper insertion



# COMPACT CONNECTION FITTINGS | 50 to 160 mm - 2 to 6 po

**TOPRING** S08 fittings with compact connection have been developed particularly for pipe connection in the compressor room.

The possibilities of modularity are particularly interesting when creating a by-pass



## CONNECTION WITH COLLAR



- Allows fittings to be connected quickly using a collar to avoid cutting a pipe or installing a drop coupling
- Designed to facilitate installation and avoid assembly errors

## CONNECTION WITH FLANGE

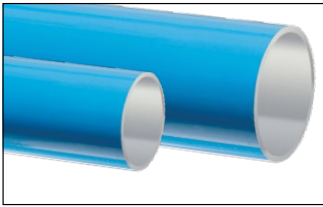


- Universal flange ASME - DIN
- Ideal for connecting to an existing compressor, dryer or network, using the universal ANSI flange



## PIPES

### BLUE ALUMINUM TUBE FOR COMPRESSED AIR



Product No	Pipe diameter		Length	
	mm	in	m	ft
08.101	16	1/2	4	13.12
08.103	20	3/4	4	13.12
08.102	20	3/4	5.5	18.04
08.105	25	1	4	13.12
08.104	25	1	5.5	18.04
08.107	32	1-1/4	4	13.12
08.106	32	1-1/4	5.5	18.04
08.108	40	1-1/2	5.5	18.04
08.110	50	2	5.5	18.04
08.112	63	2-1/2	5.5	18.04
08.114	80	3	5.5	18.04
08.116	100	4	5.5	18.04
08.118	160	6	5.5	18.04

### GREY ALUMINUM TUBE FOR VACUUM APPLICATION



Product No	Pipe diameter		Length	
	mm	in	m	ft
08.901	16	1/2	4	13.12
08.902*	20	3/4	5.5	18.04
08.904	25	1	5.5	18.04
08.906*	32	1-1/4	5.5	18.04
08.908	40	1-1/2	5.5	18.04
08.910*	50	2	5.5	18.04
08.912*	63	2-1/2	5.5	18.04
08.914*	80	3	5.5	18.04
08.916*	100	4	5.5	18.04
08.918.12*	160	6	5.5	18.04

\* On request only  
Certain conditions apply

### GREEN ALUMINUM TUBE FOR NITROGEN APPLICATION

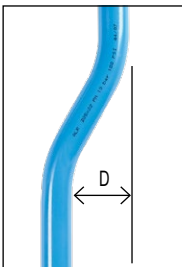


Product No	Pipe diameter		Length	
	mm	in	m	ft
08.122	20	3/4	5.5	18.04
08.124	25	1	5.5	18.04
08.127*	50	2	5.5	18.04

\* On request only  
Certain conditions apply

## DEVIATION PIPE

### BLUE ALUMINUM DEVIATION PIPE



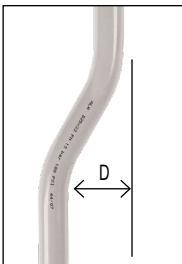
Product No	D		Pipe diameter		Length	
	mm	in	mm	in	cm	in
08.130	70	2.75	16	1/2	48	18.9
08.133			20	3/4		
08.136			25	1		

### TECH TIP

- Ideal to bypass obstacles and correct minor alignment problems
- Often used to offset Ball Valve drop legs closer to the mounting surface



### GREY ALUMINUM DEVIATION PIPE



Product No	D		Pipe diameter		Length	
	mm	in	mm	in	cm	in
08.930*	70	2.75	16	1/2	48	18.9
08.933*			20	3/4		
08.936*			25	1		

\* On request only  
Certain conditions apply

## TAKE-OFF DROP COUPLINGS

### DROP COUPLING WITHOUT FITTING



Product No	Main pipe diameter		Thread (F) NPT
	mm	in	
08.020	25	1	3/8
08.021	25	1	1/2
08.024	32	1-1/4	1/2
08.025	32	1-1/4	3/4
08.028	40	1-1/2	1/2
08.029	40	1-1/2	3/4
08.030	40	1-1/2	1
08.033	50	2	1/2
08.034	50	2	3/4
08.035	50	2	1
08.038	63	2-1/2	1/2
08.039	63	2-1/2	3/4
08.040	63	2-1/2	1
08.043	80	3	1/2
08.044	80	3	3/4
08.045	80	3	1

### DROP COUPLING WITH FITTING



Product No	Main pipe diameter		Drop leg pipe diameter	
	mm	in	mm	in
08.060	25	1	16	1/2
08.061	25	1	20	3/4
08.064	32	1-1/4	16	1/2
08.065	32	1-1/4	20	3/4
08.068	40	1-1/2	16	1/2
08.069	40	1-1/2	20	3/4
08.070	40	1-1/2	25	1
08.073	50	2	16	1/2
08.074	50	2	20	3/4
08.075	50	2	25	1
08.078	63	2-1/2	20	3/4
08.079	63	2-1/2	25	1
08.080	63	2-1/2	32	1-1/4
08.083	80	3	20	3/4
08.084	80	3	25	1
08.085	80	3	32	1-1/4

### STRAIGHT DROP COUPLING



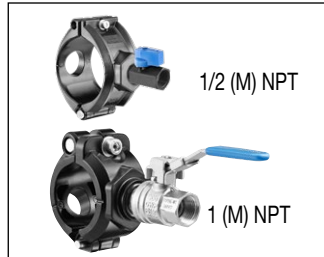
Product No	Main pipe diameter		Thread (F) NPT
	mm	in	
08.710	25	1	1/2
08.711*	25	1	3/4
08.713	32	1-1/4	1/2
08.714*	32	1-1/4	3/4
08.716	40	1-1/2	1/2
08.717*	40	1-1/2	3/4
08.718	40	1-1/2	1
08.720	50	2	1/2
08.721	50	2	3/4
08.722	50	2	1
08.724	63	2-1/2	1/2
08.725*	63	2-1/2	3/4
08.726	63	2-1/2	1
08.727*	63	2-1/2	1-1/4
08.729	80	3	1/2
08.730	80	3	3/4
08.731	80	3	1
08.732*	80	3	1-1/4
08.734	100	4	3/4
08.735	100	4	1
08.736	100	4	1-1/4
08.737	160	6	1
08.738	160	6	2
08.739	160	6	3

A male-female threaded ball valve 08.399 can be installed on straight couplings with 1/2 (F) thread to perform pressure drilling with the drilling tool 08.596



Product No	Main pipe diameter		Drop leg pipe diameter	
	mm	in	mm	in
08.086	100	4	25	1
08.087	100	4	32	1-1/4

### DROP COUPLING FOR PRESSURIZED DRILLING



Ideal for quickly creating a new take-off drop without cutting off the compressed air supply to the network. The drilling tool easily fits on any standard drill.



Product No	Main pipe diameter		Thread (F) NPT
	mm	in	
08.710.01	25	1	1/2
08.713.01	32	1-1/4	1/2
08.716.01*	40	1-1/2	1/2
08.718.01*	40	1-1/2	1
08.720.01	50	2	1/2
08.722.01*	50	2	1
08.724.01*	63	2-1/2	1/2
08.726.01*	63	2-1/2	1
08.729.01*	80	3	1/2
08.731.01	80	3	1
08.733.01*	100	4	1/2
08.735.01*	100	4	1

\* On request only

\* On request only



Watch TOPRING S08 compressed air piping system videos: <https://bit.ly/en-s08-catalogue>



## UNIONS AND ELBOW UNIONS

### STRAIGHT UNION



Product No	Pipe diameter	
	mm	in
08.290	16	1/2
08.291	20	3/4
08.292	25	1
08.293	32	1-1/4
08.294	40	1-1/2
08.295	50	2
08.296	63	2-1/2
08.297	80	3



Product No	Pipe diameter	
	mm	in
08.298	100	4
08.299	160	6

### 90° ELBOW UNION

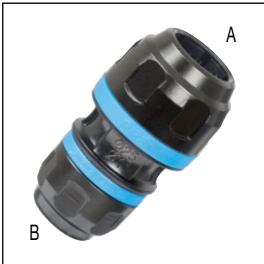


Product No	Pipe diameter	
	mm	in
08.150	16	1/2
08.151	20	3/4
08.152	25	1
08.153	32	1-1/4
08.154	40	1-1/2
08.155	50	2
08.156	63	2-1/2
08.157	80	3

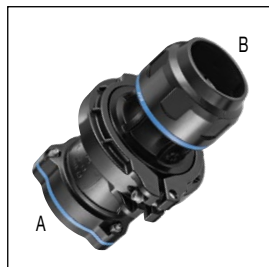


Product No	Pipe diameter	
	mm	in
08.158	100	4

### REDUCING UNION



Product No	Pipe diameter A		Pipe diameter B	
	mm	in	mm	in
08.310	25	1	20	3/4
08.313	32	1-1/4	25	1
08.317	40	1-1/2	32	1-1/4
08.320	50	2	40	1-1/2
08.323	63	2-1/2	50	2
08.326	80	3	63	2-1/2



Product No	Pipe diameter A		Pipe diameter B	
	mm	in	mm	in
08.329	100	4	80	3
08.328	160	6	100	4

Installation for the 08.328 requires a flange or a collar on the reducer side (B)

### SLIDING UNION



Product No	Pipe diameter	
	mm	in
08.302	25	1
08.303	32	1-1/4
08.304	40	1-1/2
08.305	50	2
08.306	63	2-1/2
08.307	80	3



Product No	Pipe diameter	
	mm	in
08.308	100	4
08.309	160	6

The union slides along its entire length and slides back to connect to the other pipe on an existing closed network

### 90° MALE THREADED ELBOW



Product No	Pipe diameter		Thread (M) NPT
	mm	in	
08.160	16	1/2	3/8
08.161	16	1/2	1/2
08.164	20	3/4	1/2
08.167	25	1	1/2
08.168	25	1	3/4
08.169	32	1-1/4	1
08.172	40	1-1/2	1-1/4
08.173	40	1-1/2	1-1/2

### 45° ELBOW UNION



Product No	Pipe diameter	
	mm	in
08.190	16	1/2
08.191	20	3/4
08.192	25	1
08.193	32	1-1/4
08.194	40	1-1/2

TEES

EQUAL TEE

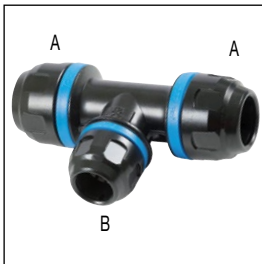


Product No	Pipe diameter	
	mm	in
08.330	16	1/2
08.331	20	3/4
08.332	25	1
08.333	32	1-1/4
08.334	40	1-1/2
08.335	50	2
08.336	63	2-1/2
08.337	80	3



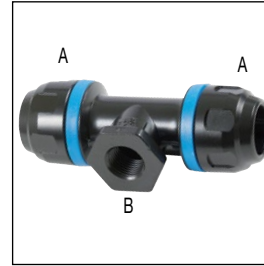
Product No	Pipe diameter	
	mm	in
08.338	100	4

REDUCING TEE

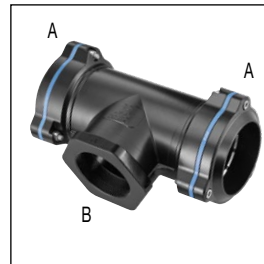


Product No	Pipe diameter A		Pipe diameter B	
	mm	in	mm	in
08.380	20	3/4	16	1/2
08.381	25	1	16	1/2
08.382	25	1	20	3/4
08.383	32	1-1/4	16	1/2
08.384	32	1-1/4	20	3/4
08.385	32	1-1/4	25	1

FEMALE THREADED REDUCING TEE



Product No	Pipe diameter A		Thread B (F) NPT
	mm	in	
08.340	16	1/2	3/8
08.343	20	3/4	1/2
08.346	25	1	1/2
08.347	25	1	3/4
08.350	32	1-1/4	3/4
08.351	32	1-1/4	1
08.354	40	1-1/2	3/4
08.355	40	1-1/2	1
08.356	40	1-1/2	1-1/4
08.359	50	2	1
08.360	50	2	1-1/4
08.361	50	2	1-1/2
08.364	63	2-1/2	1
08.365	63	2-1/2	1-1/4
08.366	63	2-1/2	1-1/2
08.367	63	2-1/2	2
08.370	80	3	1
08.371	80	3	1-1/2
08.372	80	3	2
08.373	80	3	2-1/2



Product No	Pipe diameter A		Thread B (F) NPT
	mm	in	
08.378	100	4	3

CROSS FITTING



No de produit	Thread (F) NPT
08.986	1/2
08.988	1
08.990	1-1/2



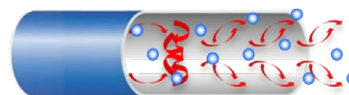
THREADED CAP FOR CROSS FITTING



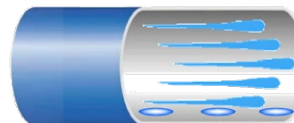
Product No	Thread (M) NPT
08.992	1/2
08.994	1
08.996	1-1/2

GOOD TO KNOW

The main network of a compressed air system must be properly configured in order to efficiently distribute compressed air throughout the network to the points of use. A section with diameter a too small will generate air friction and acceleration resulting in pressure drop and disruption of the so-called "turbulent" flow, thus promoting the distribution of condensate throughout the network.

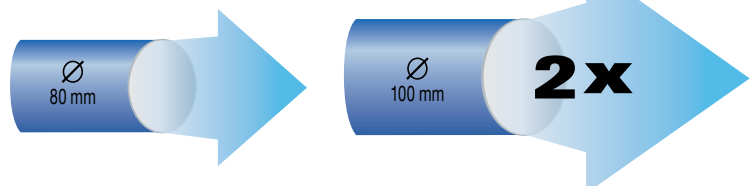


Turbulence promotes the distribution of condensate throughout the system



Condensate remains stable at the base of the pipe

TOPRING S08 100 mm pipes and fittings offer 2 times more flow than 80 mm pipes and fittings.



## THREADED FITTINGS

### MALE THREADED CONNECTOR



Product No	Pipe diameter		Thread (M) NPT
	mm	in	
08.200	16	1/2	3/8
08.201	16	1/2	1/2
08.204	20	3/4	1/2
08.205	20	3/4	3/4
08.208	25	1	1/2
08.209	25	1	3/4
08.210	25	1	1
08.213	32	1-1/4	1
08.214	32	1-1/4	1-1/4
08.217	40	1-1/2	1-1/4
08.218	40	1-1/2	1-1/2
08.221	50	2	1-1/2
08.222	50	2	2
08.225	63	2-1/2	2
08.226	63	2-1/2	2-1/2
08.229	80	3	2-1/2
08.230	80	3	3

### FEMALE THREADED CONNECTOR



Product No	Pipe diameter		Thread (F) NPT
	mm	in	
08.240	16	1/2	3/8
08.241	16	1/2	1/2
08.244	20	3/4	1/2
08.245	20	3/4	3/4
08.248	25	1	1/2
08.249	25	1	3/4
08.250	25	1	1
08.253	32	1-1/4	1
08.254	32	1-1/4	1-1/4
08.257	40	1-1/2	1-1/4
08.258	40	1-1/2	1-1/2
08.259	50	2	1-1/2
08.262	50	2	2
08.265	63	2-1/2	2
08.266	63	2-1/2	2-1/2
08.269	80	3	2-1/2
08.270	80	3	3



Product No	Pipe diameter		Thread (F) NPT
	mm	in	
08.274	100	4	2
08.275	100	4	3
08.277	160	6	2
08.279	160	6	3

### EXPANSION CONNECTOR



Product No	Pipe diameter	
	mm	in
08.146	63	2-1/2
08.147	80	3

**NOTE: Not registered under the Canadian Registration Number (CRN)**



Product No	Pipe diameter	
	mm	in
08.148	100	4

**NOTE: Not registered under the Canadian Registration Number (CRN)  
Available on request only**

### END CAP



Product No	Pipe diameter	
	mm	in
08.280	16	1/2
08.281	20	3/4
08.282	25	1
08.283	32	1-1/4
08.284	40	1-1/2
08.285	50	2
08.286	63	2-1/2
08.287	80	3



Product No	Pipe diameter	
	mm	in
08.288	100	4
08.289	160	6

## TECH TIP

It is strongly recommended to install an expansion connector every 30 meters of pipes. For all the details, see S08 Design Guide on [TOPRING.com](http://TOPRING.com)





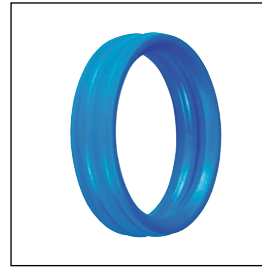
REPLACEMENT PARTS

COMPRESSION NUT



Product No	Pipe diameter	
	mm	in
08.760	16	1/2
08.761	20	3/4
08.762	25	1
08.763	32	1-1/4
08.764	40	1-1/2
08.765	50	2
08.766	63	2-1/2
08.767	80	3

DOUBLE LOBE SEAL (NBR)

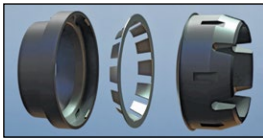


Product No	Pipe diameter		Unit per package
	mm	in	
08.770	16	1/2	10
08.771	20	3/4	10
08.772	25	1	10
08.773	32	1-1/4	10
08.774	40	1-1/2	5
08.775	50	2	5
08.776	63	2-1/2	2
08.777	80	3	2
08.778	100	4	2
08.779	160	6	1

INTERNAL PARTS KIT

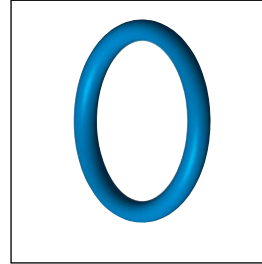


Product No	Pipe diameter	
	mm	in
08.780	16	1/2
08.781	20	3/4
08.782	25	1
08.783	32	1-1/4
08.784	40	1-1/2
08.785	50	2
08.786	63	2-1/2
08.787	80	3



Product No	Pipe diameter	
	mm	in
08.788	100	4

DROP COUPLING SEAL (NBR)



Product No	Pipe diameter		Unit per package
	mm	in	
08.742	25	1	10
08.743	32	1-1/4	10
08.744	40	1-1/2	10
08.745	50	2	10
08.746	63	2-1/2	10
08.747	80	3	10
08.748	100	4	10

SEAL (FKM)



Product No	Pipe diameter		Unit per package
	mm	in	
08.750*	16	1/2	10
08.751*	20	3/4	10
08.752*	25	1	10
08.753*	32	1-1/4	10
08.754*	40	1-1/2	5
08.755*	50	2	5
08.756*	63	2-1/2	2
08.757*	80	3	2
08.758*	100	4	2
08.759*	160	6	1

\* On request only  
Certain conditions apply

- High resistance to chemical substances
- Mainly requested in the compressor room

# COMPACT CONNECTION FITTINGS | 50 to 160 mm - 2 to 6 in

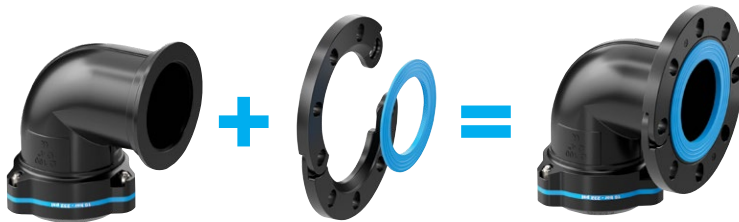
**TOPRING S08 compact connection fittings:**

- Connecting one to another for any configuration needed
- Space saver
- Ideal layout of piping system for compressor rooms

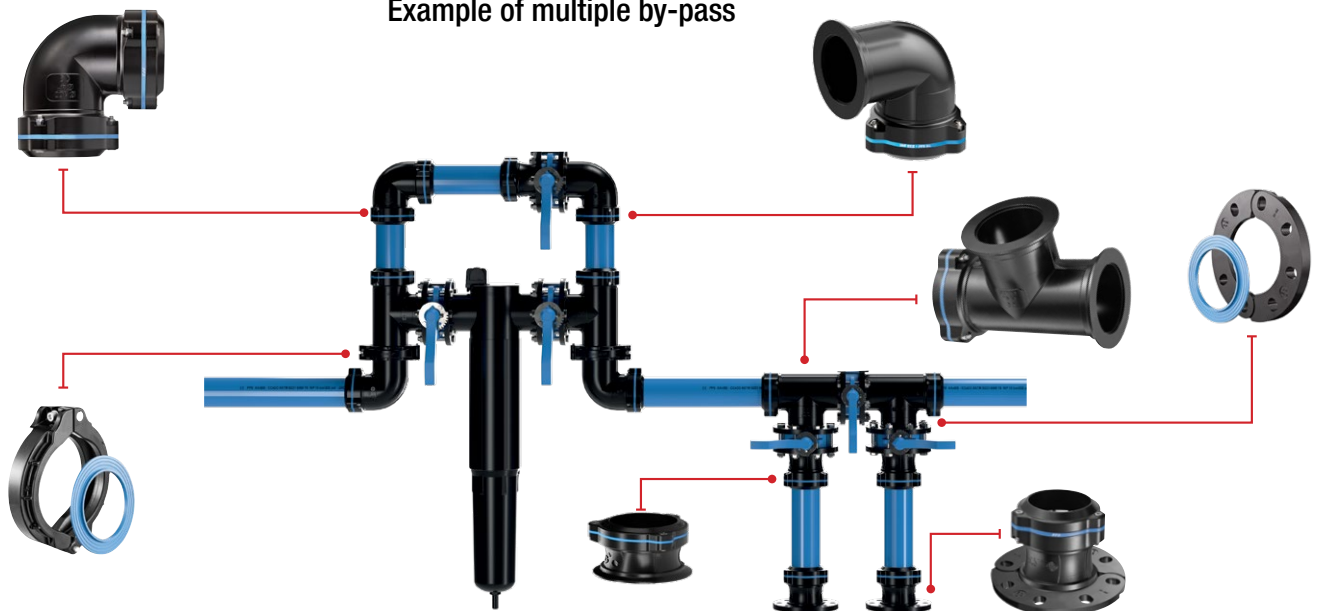
## CONNECTION WITH COLLAR



## CONNECTION WITH FLANGE



Example of multiple by-pass





COMPACT CONNECTION FITTINGS | 50 to 160 MM - 2 to 6 IN

90° ELBOW UNION



Product No	Pipe diameter	
	mm	in
08.940.06	50	2
08.940.07	63	2-1/2
08.940.08	80	3
08.940.09	100	4

TEE UNION



Product No	Pipe diameter	
	mm	in
08.941.06	50	2
08.941.07	63	2-1/2
08.941.08	80	3
08.941.09	100	4

90° ELBOW UNION



Product No	Pipe diameter	
	mm	in
08.939.06*	50	2
08.939.07*	63	2-1/2
08.939.08*	80	3
08.939.09*	100	4
08.939.10	160	6



Product No	Pipe diameter	
	mm	in
08.942.09	100	4

45° ELBOW UNION



Product No	Pipe diameter	
	mm	in
08.938.06	50	2
08.938.07	63	2-1/2
08.938.08	80	3
08.938.09	100	4
08.938.10	160	6



Product No	Pipe diameter	
	mm	in
08.949.06	50	2
08.949.07	63	2-1/2
08.949.08	80	3
08.949.09	100	4
08.949.10	160	6

UNION



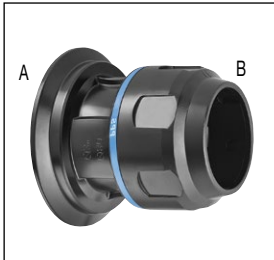
Product No	Pipe diameter	
	mm	in
08.943.06	50	2
08.943.07	63	2-1/2
08.943.08	80	3
08.943.09	100	4
08.943.10	160	6

CROSS UNION

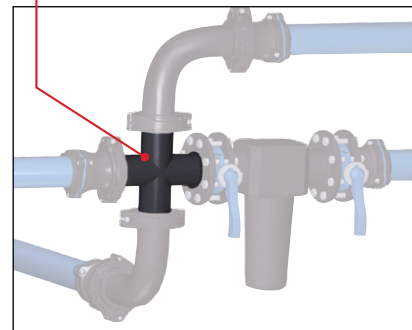


Product No	Pipe diameter	
	mm	in
08.960.06	50	2
08.960.07	63	2-1/2
08.960.08	80	3
08.960.09	100	4
08.960.10	160	6

REDUCING UNION



Product No	Pipe A		Pipe B	
	mm	in	mm	in
08.946	63	2-1/2	50	2
08.945	80	3	63	2-1/2
08.944	100	4	80	3



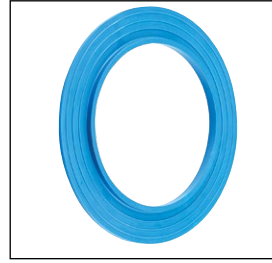
## COMPACT CONNECTION ACCESSORIES | 50 to 160 mm - 2 to 6 in

### COLLAR



No de produit	Tube	
	mm	po
08.947.06	50	2
08.947.07	63	2-1/2
08.947.08	80	3
08.947.09	100	4
08.947.10	160	6

### NBR SEAL



Product No	Pipe diameter	
	mm	in
08.954.06	50	2
08.954.07	63	2-1/2
08.954.08	80	3
08.954.09	100	4
08.954.10	160	6

### FLANGE

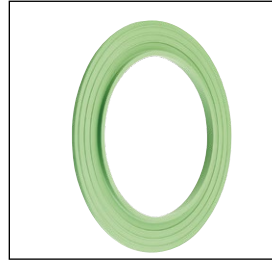


Product No	Pipe diameter		Number of bolts required (short or long)*
	mm	in	
08.948.06	50	2	4
08.948.07	63	2-1/2	
08.948.08	80	3	
08.948.09	100	4	
08.948.10	160	6	8

\* Bolts are not included  
Order the quantities and length of bolts required according to the type of assembly

Opposite: examples of assembly with short bolt and long bolt

### FKM SEAL



Product No	Pipe diameter	
	mm	in
08.955.06	50	2
08.955.07	63	2-1/2
08.955.08	80	3
08.955.09	100	4
08.955.10	160	6

- High resistance to chemicals
- Mainly requested in the compressor room

### REDUCER



Product No	Pipe diameter		Thread (F) NPT
	mm	in	
08.951.06	50	2	1
08.952.06	50	2	1-1/2
08.951.07	63	2-1/2	1-1/2
08.952.07	63	2-1/2	2
08.951.08	80	3	2
08.952.08	80	3	2-1/2
08.951.09	100	4	2
08.952.09	100	4	3
08.951.10	160	6	2
08.952.10	160	6	3

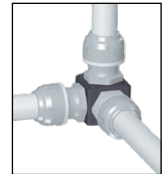


Product No	Pipe diameter		Thread (M) NPT
	mm	in	
08.959.06	50	2	1-1/4
08.950.06	50	2	1-1/2
08.959.07	63	2-1/2	1-1/2
08.950.07	63	2-1/2	2
08.959.08	80	3	2
08.950.08	80	3	2-1/2

### CROSS FITTING



No de produit	Thread (F) NPT
08.986	1/2
08.988	1
08.990	1-1/2



### THREADED CAP FOR CROSS FITTING



Product No	Thread (M) NPT
08.992	1/2
08.994	1
08.996	1-1/2

### CAP



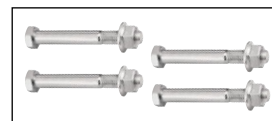
Product No	Pipe diameter	
	mm	in
08.953.09	100	4
08.953.10	160	6

### SHORT BOLT



Product No	Thread	Length (mm)	Quantity
08.957	M16	65	4

### LONG BOLT



Product No	Thread	Length (mm)	Quantity
08.958	M16	120	4

COMPACT CONNECTION ACCESSORIES | 50 to 160 mm - 2 to 6 in

STRAIGHT FITTING



Product No	Pipe diameter	
	mm	in
08.395	63	2-1/2
08.396	80	3

\* Bolts are not included.  
4 bolts required

VALVE BODY



Product No	Pipe diameter	
	mm	in
08.961.07	63	2-1/2
08.961.08	80	3

STRAIGHT FITTING WITH FLANGE



Product No	Pipe diameter		Number of bolts required (short or long)*
	mm	in	
08.397.06	50	2	4
08.397.07	63	2-1/2	
08.397.08	80	3	
08.397.09	100	4	8
08.397.10	160	6	

\* Bolts are not included.  
Order the quantities and length of bolts required according to the type of assembly



Product No	Pipe diameter	
	mm	in
08.962.07	63	2-1/2
08.962.08	80	3
08.962.09	100	4

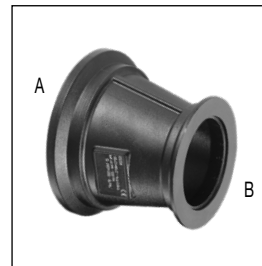
EXPANSION JOINT PART



Product No	Pipe diameter	
	mm	in
08.963.06	50	2
08.963.07	63	2-1/2
08.963.08	80	3
08.963.09	100	4
08.963.10	160	6

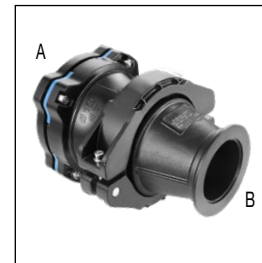
NOTE: Not registered under the Canadian Registration Number (CRN)

ALUMINUM ADAPTER



Product No	Pipe diameter	
	mm	in
08.964	160	6

REDUCER



Product No	Tube A		Tube B	
	mm	in	mm	in
08.328	160	6	100	4

INSTANT TRAINING

Learn how to optimally plan a compressed air network.

This 20-minute training presents the important elements to consider when designing a network.



Watch TOPRING compressed air piping system videos: <https://bit.ly/en-s08-catalogue>



## BALL VALVES



CRN CANADIAN REGISTRATION NUMBER

Product No	Pipe diameter	
	mm	in
08.420	16	1/2
08.421	20	3/4
08.422	25	1
08.423	32	1-1/4
08.424	40	1-1/2
08.425	50	2



Product No	Pipe diameter	
	mm	in
08.426.02	63	2-1/2
08.427.02	80	3
08.428.02	100	4

## LOCKOUT BALL VALVE



CRN CANADIAN REGISTRATION NUMBER



Product No	Pipe diameter	
	mm	in
08.420.01	16	1/2
08.421.01	20	3/4
08.422.01	25	1
08.423.01	32	1-1/4
08.424.01	40	1-1/2
08.425.01	50	2



Product No	Pipe diameter	
	mm	in
08.426.03	63	2-1/2

## BUTTERFLY BALL VALVE



Product No	Pipe diameter	
	mm	in
08.429	160	6

## MALE THREADED BALL VALVE



CRN CANADIAN REGISTRATION NUMBER

Product No	Pipe diameter		Thread (M) NPT
	mm	in	
08.410	16	1/2	1/2
08.411	20	3/4	1/2
08.412	25	1	3/4
08.413	32	1-1/4	1
08.414	40	1-1/2	1-1/4
08.415	50	2	1-1/2

## LOCK ASSEMBLY FOR BALL VALVES



CRN CANADIAN REGISTRATION NUMBER

Product No	Pipe diameter		Thread (M) NPT
	mm	in	
08.410.01	16	1/2	1/2
08.411.01	20	3/4	1/2
08.412.01	25	1	3/4
08.413.01	32	1-1/4	1
08.414.01	40	1-1/2	1-1/4
08.415.01	50	2	1-1/2

## LOCKOUT SAFETY EXHAUST VALVE

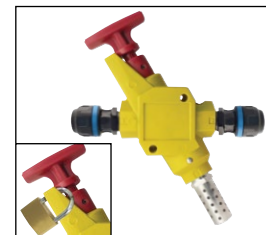


## LOCKOUT SAFETY EXHAUST BALL VALVE



Product No	Pipe diameter	
	mm	in
08.431	20	3/4
08.432	25	1
08.433	32	1-1/4

## LOCKOUT HIGH FLOW SAFETY EXHAUST VALVE



Product No	Pipe diameter	
	mm	in
08.440	16	1/2
08.441	20	3/4
08.442	25	1

CRN CANADIAN REGISTRATION NUMBER

Product No	Pipe diameter	
	mm	in
08.445	16	1/2
08.446	20	3/4
08.447	25	1

**FEMALE THREADED BALL VALVE**



**CRN** CANADIAN REGISTRATION NUMBER

Product No	Pipe diameter		Thread (F) NPT
	mm	in	
08.400	16	1/2	1/2
08.401	20	3/4	1/2
08.402	25	1	3/4
08.403	32	1-1/4	1
08.404	40	1-1/2	1-1/4
08.405	50	2	1-1/2



Product No	Pipe diameter		Thread (F) NPT
	mm	in	
08.406	63	2-1/2	2



Product No	Pipe diameter		Thread (F) NPT
	mm	in	
08.407	80	3	2-1/2

**LOCKOUT BALL VALVE**



**CRN** CANADIAN REGISTRATION NUMBER



Product No	Pipe diameter		Thread (F) NPT
	mm	in	
08.400.01	16	1/2	1/2
08.401.01	20	3/4	1/2
08.402.01	25	1	3/4
08.403.01	32	1-1/4	1
08.404.01	40	1-1/2	1-1/4
08.405.01	50	2	1-1/2



Product No	Pipe diameter		Thread (F) NPT
	mm	in	
08.406.01	63	2-1/2	2

**MALE-FEMALE THREADED BALL VALVE**



**CRN** CANADIAN REGISTRATION NUMBER

Product No	Thread NPT	
	Inlet (M)	Outlet (F)
08.399	1/2	1/2



Can be installed on 1/2 (F) threaded straight drop coupling to perform pressure drilling with the drilling tool 08.596

**LOCK ASSEMBLIES FOR BALL VALVES**



- Ensure safety during maintenance operations
- Ideal for isolating parts of the compressed air piping system
- Padlock included



Product No	Pipe diameter	
	mm	in
08.491	16 • 20 • 25	1/2 • 3/4 • 1
08.492	32 • 40	1-1/4 • 1-1/2
08.493	50 • 63	2 • 2-1/2



## REMOTE CONTROLLED PNEUMATIC VALVES

- Ideal for isolating sections of the air network hard to reach
- Allows to quickly and safely open and close the main air supply from the ground
- Guarantees the safety of people by eliminating any risk associated with work at height
- Normally closed valve

### THREADED PNEUMATIC VALVE



Product No	Pipe		Thread (F) NPT
	mm	in	
08.479	16	1/2	1/2
08.480	20	3/4	3/4
08.481	25	1	1

### PNEUMATIC VALVE



Product No	Pipe	
	mm	in
08.482	40	1-1/2
08.483	50	2
08.484	63	2-1/2
08.485	80	3

### PNEUMATIC VALVE FOR COMPACT CONNECTION



Product No	Pipe	
	mm	in
08.970.09	100	4

### REMOTE CONTROL FOR VALVE



Product No	Description
08.487	110 VAC electric switch



Product No	Description
08.488	Button switch



Product No	Description
08.489	Key switch

### POLYAMIDE CONNECTION TUBE

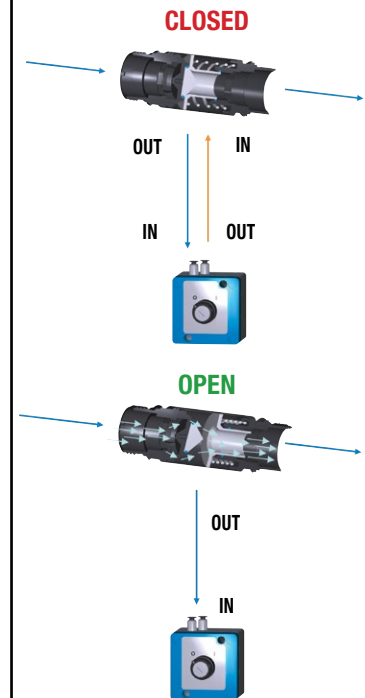


Connects the pneumatic valve to the switch

Product No	Description
08.490	12 meters (40 ft) heated tubes (x2) / 4mm dia.

### HOW IT WORKS

Service pressure > 36 to 232 PSI



### TECH TIP

In order to avoid mechanical shocks in the piping and downstream equipment when opening the remote-controlled valve, it is recommended to install a speed controller on the "Closing Port" line near the control box. This will allow a gradual opening in 3 to 5 seconds instead of a sudden opening of 0.5 second.



Speed controller with flow regulator



42.890

46.952

## VALVE AND REMOTE CONTROL KITS

Each kit includes a pneumatic valve, a remote control (either a button, key or electric switch) a 12 meters double connection tube and a speed controller.

### KIT WITH ELECTRIC SWITCH

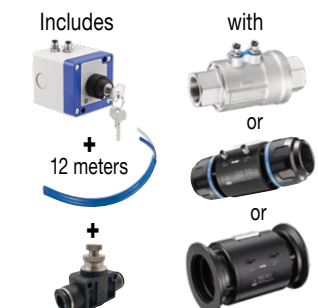
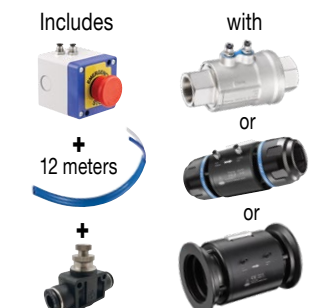
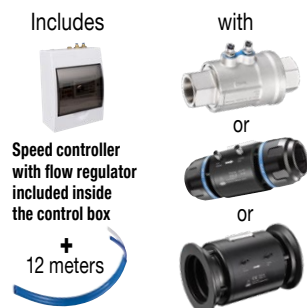
Product No	Pipe diameter		Threaded valve (F) NPT
	mm	in	
08.487.02	16	1/2	1/2
08.487.03	20	3/4	3/4
08.487.04	25	1	1
08.487.05	40	1-1/2	Non threaded valve
08.487.06	50	2	
08.487.07	63	2-1/2	
08.487.08	80	3	
08.487.09	100	4	

### KIT WITH BUTTON SWITCH

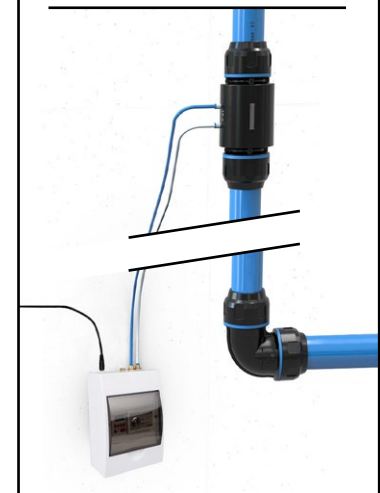
Product No	Pipe diameter		Threaded valve (F) NPT
	mm	in	
08.488.02	16	1/2	1/2
08.488.03	20	3/4	3/4
08.488.04	25	1	1
08.488.05	40	1-1/2	Non threaded valve
08.488.06	50	2	
08.488.07	63	2-1/2	
08.488.08	80	3	
08.488.09	100	4	

### KIT WITH KEY SWITCH

Product No	Pipe diameter		Threaded valve (F) NPT
	mm	in	
08.489.02	16	1/2	1/2
08.489.03	20	3/4	3/4
08.489.04	25	1	1
08.489.05	40	1-1/2	Non threaded valve
08.489.06	50	2	
08.489.07	63	2-1/2	
08.489.08	80	3	
08.489.09	100	4	

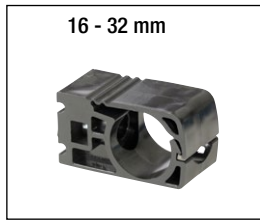


### TYPICAL INSTALLATION

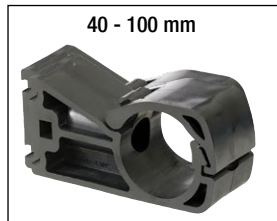


MOUNTING ACCESSORIES

MOUNTING CLIP



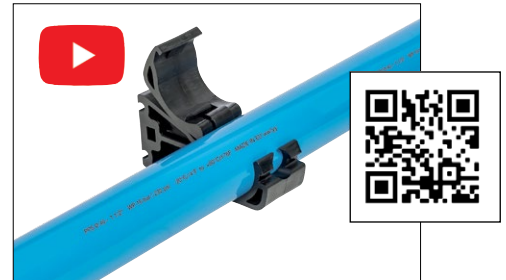
16 - 32 mm



40 - 100 mm

Product No	Pipe diameter	
	mm	in
08.700	16	1/2
08.701	20	3/4
08.702	25	1
08.703	32	1-1/4
08.704	40	1-1/2
08.705	50	2
08.706	63	2-1/2
08.707	80	3
08.708	100	4

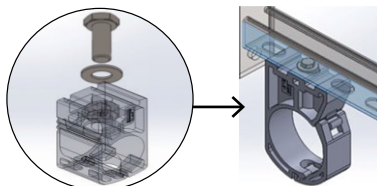
Note: Integrated nut for ceiling installation with threaded rod 3/8 UNC



Watch **TOPRING** compressed air piping system videos: <https://bit.ly/en-s08-catalogue>

STRUT CHANNEL ADAPTER KIT FOR MOUNTING CLIP

For installation on slotted strut channel 1-5/8 x 1-5/8 in

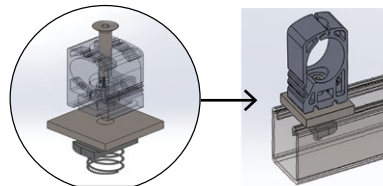


16 to 100 mm

Product No	Pipe diameter	
	mm	in
08.514	16 to 100	1/2 to 4

Kit 08.514 includes: 1 flat washer, 1 hex cap screw 3/8 UNC

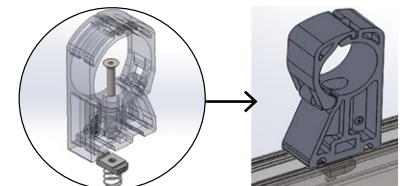
For installation on standard strut channel 1-5/8 x 1-5/8 in



16 to 32 mm

Product No	Pipe diameter	
	mm	in
08.516	16 to 32	1/2 to 1-1/4

Kit 08.516 includes: 1 spring nut, 1 flat head Phillips screw 1/4, 1 square washer



40 to 100 mm

Product No	Pipe diameter	
	mm	in
08.517	40 to 100	1-1/2 to 4

Kit 08.517 includes: 1 spring nut, 1 flat head Phillips screw 1/4

DRAINS

MANUAL DRAIN UNIT



Product No	Pipe diameter	
	mm	in
08.601	20	3/4
08.602	25	1

Includes: Brass ball valve, 20 or 25 mm fitting, 3/8 x 12 in (30.5 cm) **THERMOFLEX** hose with hose barb and hose clamp

MAXDRAIN AUTOMATIC DRAIN UNIT



Product No	Pipe diameter	
	mm	in
08.611	20	3/4
08.612	25	1

Includes: 400 ml liquid capacity drain and 20 or 25 mm fitting

AIRFLO AUTOMATIC DRAIN UNIT



Product No	Pipe diameter	
	mm	in
08.606	20	3/4
08.607	25	1

Includes: 130 ml liquid capacity drain, ball valve, Y strainer, and 20 or 25 mm fitting



## MOUNTING ACCESSORIES

### SPACER FOR ANODIZED ALUMINUM MANIFOLDS



Product No	Thickness mm	For anodized aluminum manifold
47.596	18	1 outlet
47.598	18	2 or 3 outlets

Installation requires screws #10

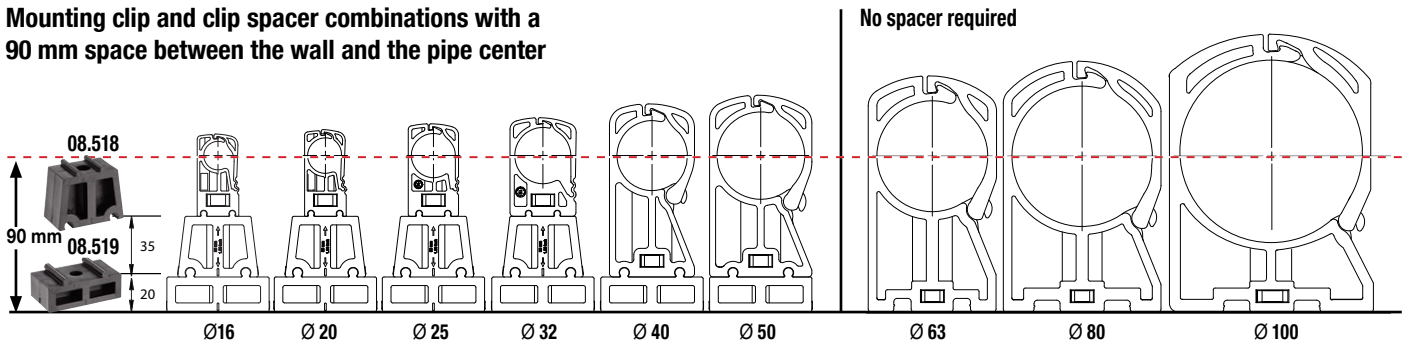
### CLIP SPACER



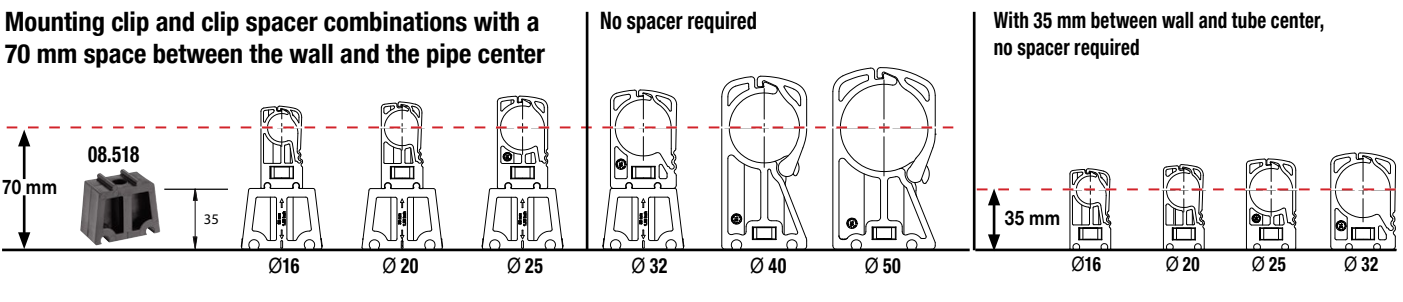
Product No	Thickness mm	For model	
		mm	in
08.518	35	16 to 32	1/2 to 1-1/4
08.519	20	40 to 50	1-1/2 to 2

The clip spacer compensates for the height difference created by connecting pipes of different diameters. The clip spacer ensures a perfect alignment.

### Mounting clip and clip spacer combinations with a 90 mm space between the wall and the pipe center

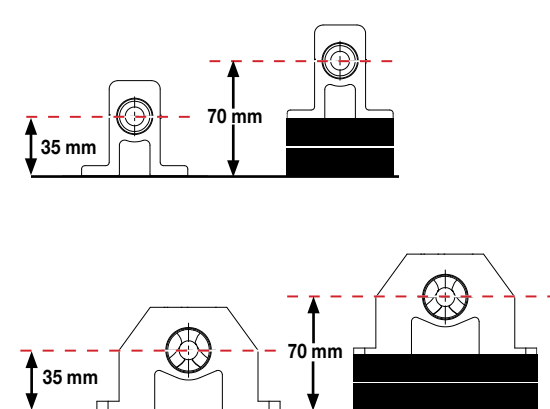
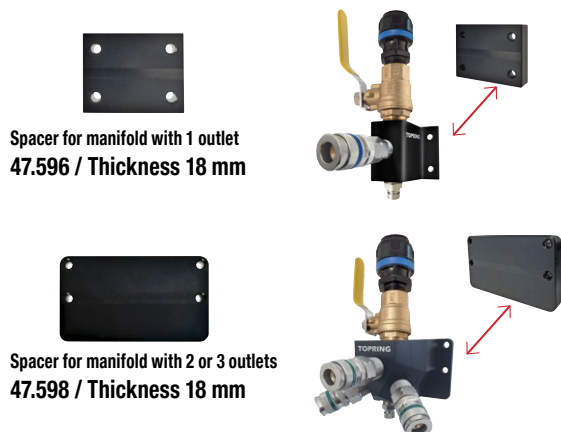


### Mounting clip and clip spacer combinations with a 70 mm space between the wall and the pipe center



### Combinations of manifold spacer for optimal alignment with drop leg

If the distance between the wall and the center of the pipe is more than 35 mm, manifold spacers may be required. The manifold must be properly aligned with the drop leg.



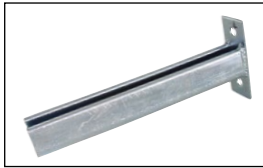
### TECH TIP

A deviation pipe can be used for correcting the alignment between main line and drop legs.



**MOUNTING ACCESSORIES**

**CANTILEVER ARM • 1-5/8 X 1-5/8 IN**



Product No	Length / in
08.510	6
08.511	12

For wall mounting

**STRUT CHANNEL • 1-5/8 X 1-5/8 IN**



Product No	Length / ft
08.513	10

For ceiling mounting

**THREADED ROD • 10 FT**



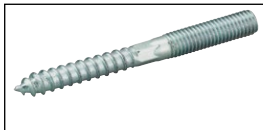
Product No	Thread UNC
08.545	3/8 - 16
08.548	1/2 - 13

**COUPLING NUT**



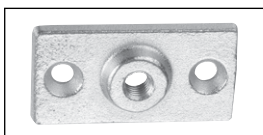
Product No	Thread UNC
08.546	3/8 - 16
08.549	1/2 - 13

**SCREW**



Product No	Thread UNC
08.547	3/8 - 16
08.550	1/2 - 13

**CEILING FLANGE**



Product No	Thread UNC
08.508	3/8 - 16
08.509	1/2 - 13

**BRACKET FOR BALL VALVE**

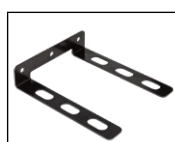


Product No	Pipe diameter	
	mm	in
08.984.01	16	1/2
08.984.02	20	3/4
08.984.03	25	1
08.984.04	32	1-1/4
08.984.05	40	1-1/2
08.984.06	50	2



Product No	Pipe diameter	
	mm	in
08.985.07	63	2-1/2
08.985.02	80	3
08.985.03	100	4

**BRACKET FOR BALL VALVE WITH FLANGE**



Product No	Pipe diameter	
	mm	in
08.984.09	100	4
08.984.10	160	6

**SWIVEL LOOP HANGER**



Product No	Pipe diameter		Thread UNC
	mm	in	
08.531	16 - 20	1/2 - 3/4	3/8 - 16
08.532	25	1	3/8 - 16
08.533	32	1-1/4	3/8 - 16
08.534	40	1-1/2	3/8 - 16
08.535	50	2	3/8 - 16
08.536	63	2-1/2	3/8 - 16
08.537	80	3	3/8 - 16
08.536.01	63	2-1/2	1/2 - 13
08.537.01	80	3	1/2 - 13
08.538.01	100	4	1/2 - 13
08.539.01	160	6	1/2 - 13

**SUSPENSION PIPE CLIP**



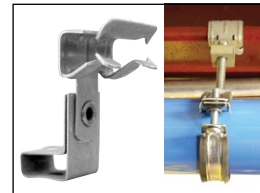
Product No	Pipe diameter		Thread UNC
	mm	in	
08.521	16 - 20	1/2 - 3/4	3/8 - 16
08.522	25	1	3/8 - 16
08.523	32	1-1/4	3/8 - 16
08.524	40	1-1/2	3/8 - 16
08.525	50	2	3/8 - 16
08.526	63	2-1/2	3/8 - 16
08.527	80	3	3/8 - 16
08.528	100	4	1/2 - 13
08.529	160	6	1/2 - 13

**I-BEAM CLAMP • 3/8 UNC**



Product No	Beam Thickness (in)	Thread UNC
08.543	3/4	3/8 - 16
08.543.01	3/4	1/2 - 13

**I-BEAM MOUNTING CLIP**



Product No	Beam Thickness (in)	Thread UNC
08.540	1/8 - 1/4	3/8 - 16
08.541	3/8 - 1/2	3/8 - 16
08.542	1/2 - 3/4	3/8 - 16

## MANIFOLDS AND COUPLER KITS

### MANIFOLD / 1 QUICK COUPLER



Product No	Size		Quick Coupler (1x)
	mm	in	
08.454	16	1/2	<b>QUIKSILVER</b>
08.455	20	3/4	<b>1/4 INDUSTRIAL</b>

Product No	Size		Quick Coupler (1x)
	mm	in	
08.454.02	16	1/2	<b>QUIKSILVER</b>
08.455.02	20	3/4	<b>ULTRAFLO</b>

Product No	Size		Quick Coupler (1x)
	mm	in	
08.454.03	16	1/2	<b>TOPQUIK</b>
08.455.03	20	3/4	<b>1/4 INDUSTRIAL</b>

Product No	Size		Quick Coupler (1x)
	mm	in	
08.454.04	16	1/2	<b>TOPQUIK</b>
08.455.04	20	3/4	<b>ULTRAFLO</b>

Product No	Size		Quick Coupler (1x)
	mm	in	
08.454.05	16	1/2	<b>TOPQUIK S1</b>
08.455.05	20	3/4	<b>1/4 INDUSTRIAL</b>

Product No	Size		Quick Coupler (1x)
	mm	in	
08.454.07	16	1/2	<b>TOPQUIK S1</b>
08.455.07	20	3/4	<b>ULTRAFLO</b>

### MANIFOLD / 2 QUICK COUPLERS



Product No	Size		Quick Coupler (2x)
	mm	in	
08.464	16	1/2	<b>QUIKSILVER</b>
08.465	20	3/4	<b>1/4 INDUSTRIAL</b>
08.466	25	1	

Product No	Size		Quick Coupler (2x)
	mm	in	
08.464.02	16	1/2	<b>QUIKSILVER</b>
08.465.02	20	3/4	<b>ULTRAFLO</b>
08.466.02	25	1	

Product No	Size		Quick Coupler (2x)
	mm	in	
08.464.03	16	1/2	<b>TOPQUIK</b>
08.465.03	20	3/4	<b>1/4 INDUSTRIAL</b>
08.466.03	25	1	

Product No	Size		Quick Coupler (2x)
	mm	in	
08.464.04	16	1/2	<b>TOPQUIK</b>
08.465.04	20	3/4	<b>ULTRAFLO</b>
08.466.04	25	1	

Product No	Size		Quick Coupler (2x)
	mm	in	
08.464.05	16	1/2	<b>TOPQUIK S1</b>
08.465.05	20	3/4	<b>1/4 INDUSTRIAL</b>
08.466.05	25	1	

Product No	Size		Quick Coupler (2x)
	mm	in	
08.464.07	16	1/2	<b>TOPQUIK S1</b>
08.465.07	20	3/4	<b>ULTRAFLO</b>
08.466.07	25	1	

### MANIFOLD / 3 QUICK COUPLERS



Product No	Size		Quick Coupler (3x)
	mm	in	
08.474	16	1/2	<b>QUIKSILVER</b>
08.475	20	3/4	<b>1/4 INDUSTRIAL</b>
08.476	25	1	

Product No	Size		Quick Coupler (3x)
	mm	in	
08.474.02	16	1/2	<b>QUIKSILVER</b>
08.475.02	20	3/4	<b>ULTRAFLO</b>
08.476.02	25	1	

Product No	Size		Quick Coupler (3x)
	mm	in	
08.474.03	16	1/2	<b>TOPQUIK</b>
08.475.03	20	3/4	<b>1/4 INDUSTRIAL</b>
08.476.03	25	1	

Product No	Size		Quick Coupler (3x)
	mm	in	
08.474.04	16	1/2	<b>TOPQUIK</b>
08.475.04	20	3/4	<b>ULTRAFLO</b>
08.476.04	25	1	

Product No	Size		Quick Coupler (3x)
	mm	in	
08.474.05	16	1/2	<b>TOPQUIK S1</b>
08.475.05	20	3/4	<b>1/4 INDUSTRIAL</b>
08.476.05	25	1	

Product No	Size		Quick Coupler (3x)
	mm	in	
08.474.07	16	1/2	<b>TOPQUIK S1</b>
08.475.07	20	3/4	<b>ULTRAFLO</b>
08.476.07	25	1	

## MANIFOLD KITS

### MANIFOLD / 1 OUTLET



Product No	Size		Outlet (F) NPT
	mm	in	
08.450	16	1/2	3/8
08.451	20	3/4	3/8

### MANIFOLD WITH VALVE / 1 OUTLET



Product No	Size		Outlet (F) NPT
	mm	in	
08.448	16	1/2	3/8
08.449	20	3/4	3/8

### MANIFOLD / 2 OR 3 OUTLETS



Product No	Size		Outlet (F) NPT
	mm	in	
08.460	16	1/2	1/2 (2/3x)
08.461	20	3/4	1/2 (2/3x)
08.462	25	1	1/2 (2/3x)

Plug included

### MANIFOLD WITH VALVE / 2 OR 3 OUTLETS



Product No	Size		Outlet (F) NPT
	mm	in	
08.457	16	1/2	1/2 (2/3x)
08.458	20	3/4	1/2 (2/3x)
08.459	25	1	1/2 (2/3x)

Plug included

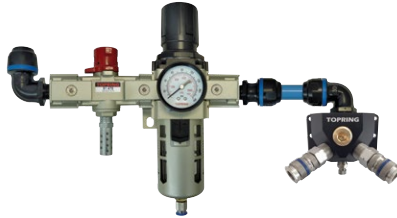
MANIFOLDS AND COMBINED UNIT KITS • F/R • F/R+L

These kits include:

- Filter/Regulator unit or Filter/Regulator + Lubricator unit combined unit with 5 micron element, semi-automatic drain and gauge
- Venting safety lock-out valve with high performance muffler
- 90° male threaded elbow
- 2 piping adapters and mounting brackets
- Manifold with drain
- Available with 1 or 2 quick couplers or without coupler



F/R UNIT WITH SAFETY LOCK-OUT VALVE AND COUPLERS



Product No	Size		Quick Coupler
	mm	in	
08.620	16	1/2	<b>QUIKSILVER</b> 1/4 INDUSTRIAL (1x)
08.621	20	3/4	<b>QUIKSILVER</b> 1/4 INDUSTRIAL (2x)
08.622	25	1	<b>QUIKSILVER</b> 1/4 INDUSTRIAL (2x)

Product No	Size		Quick Coupler
	mm	in	
08.620.03	16	1/2	<b>TOPQUIK</b> 1/4 INDUSTRIAL (1x)
08.621.03	20	3/4	<b>TOPQUIK</b> 1/4 INDUSTRIAL (2x)
08.622.03	25	1	<b>TOPQUIK</b> 1/4 INDUSTRIAL (2x)

Product No	Size		Quick Coupler
	mm	in	
08.620.05	16	1/2	<b>TOPQUIK S1</b> INDUSTRIAL (1x)
08.621.05	20	3/4	<b>TOPQUIK S1</b> INDUSTRIAL (2x)
08.622.05	25	1	<b>TOPQUIK S1</b> 1/4 INDUSTRIAL (2x)

Product No	Size		Quick Coupler
	mm	in	
08.620.02	16	1/2	<b>QUIKSILVER</b> ULTRAFLO (1x)
08.621.02	20	3/4	<b>QUIKSILVER</b> ULTRAFLO (2x)
08.622.02	25	1	<b>QUIKSILVER</b> ULTRAFLO (2x)

Product No	Size		Quick Coupler
	mm	in	
08.620.04	16	1/2	<b>TOPQUIK</b> ULTRAFLO (1x)
08.621.04	20	3/4	<b>TOPQUIK</b> ULTRAFLO (2x)
08.622.04	25	1	<b>TOPQUIK</b> ULTRAFLO (2x)

Product No	Size		Quick Coupler
	mm	in	
08.620.07	16	1/2	<b>TOPQUIK S1</b> ULTRAFLO (1x)
08.621.07	20	3/4	<b>TOPQUIK S1</b> ULTRAFLO (2x)
08.622.07	25	1	<b>TOPQUIK S1</b> ULTRAFLO (2x)

F/R UNIT WITH SAFETY LOCK-OUT VALVE



Product No	Size		Outlet (F) NPT
	mm	in	
08.617	16	1/2	3/8 (1x)
08.618	20	3/4	1/2 (2/3x)
08.619	25	1	1/2 (2/3x)

Plug included

F/R+L UNIT WITH SAFETY LOCK-OUT VALVE AND COUPLERS



Product No	Size		Quick Coupler
	mm	in	
08.630	16	1/2	<b>QUIKSILVER</b> 1/4 INDUSTRIAL (1x)
08.631	20	3/4	<b>QUIKSILVER</b> 1/4 INDUSTRIAL (2x)
08.632	25	1	<b>QUIKSILVER</b> 1/4 INDUSTRIAL (2x)

Product No	Size		Quick Coupler
	mm	in	
08.630.03	16	1/2	<b>TOPQUIK</b> 1/4 INDUSTRIAL (1x)
08.631.03	20	3/4	<b>TOPQUIK</b> 1/4 INDUSTRIAL (2x)
08.632.03	25	1	<b>TOPQUIK</b> 1/4 INDUSTRIAL (2x)

Product No	Size		Quick Coupler
	mm	in	
08.630.05	16	1/2	<b>TOPQUIK S1</b> 1/4 INDUSTRIAL (1x)
08.631.05	20	3/4	<b>TOPQUIK S1</b> 1/4 INDUSTRIAL (2x)
08.632.05	25	1	<b>TOPQUIK S1</b> 1/4 INDUSTRIAL (2x)

Product No	Size		Quick Coupler
	mm	in	
08.630.02	16	1/2	<b>QUIKSILVER</b> ULTRAFLO (1x)
08.631.02	20	3/4	<b>QUIKSILVER</b> ULTRAFLO (2x)
08.632.02	25	1	<b>QUIKSILVER</b> ULTRAFLO (2x)

Product No	Size		Quick Coupler
	mm	in	
08.630.04	16	1/2	<b>TOPQUIK</b> ULTRAFLO (1x)
08.631.04	20	3/4	<b>TOPQUIK</b> ULTRAFLO (2x)
08.632.04	25	1	<b>TOPQUIK</b> ULTRAFLO (2x)

Product No	Size		Quick Coupler
	mm	in	
08.630.07	16	1/2	<b>TOPQUIK S1</b> ULTRAFLO (1x)
08.631.07	20	3/4	<b>TOPQUIK S1</b> ULTRAFLO (2x)
08.632.07	25	1	<b>TOPQUIK S1</b> ULTRAFLO (2x)

F/R+L UNIT WITH SAFETY LOCK-OUT VALVE



Product No	Size		Outlet (F) NPT
	mm	in	
08.627	16	1/2	3/8 (1x)
08.628	20	3/4	1/2 (2/3x)
08.629	25	1	1/2 (2/3x)

Plug included

QUIKSILVER

- Delivers high air volume with low pressure drop
- Automatic push-to-connect operation
- Easy to connect, even under pressure



TOPQUIK

- Provides superior tool performance
- 2-step safe disconnection: downstream pressure automatically vented for easy disconnection at zero pressure



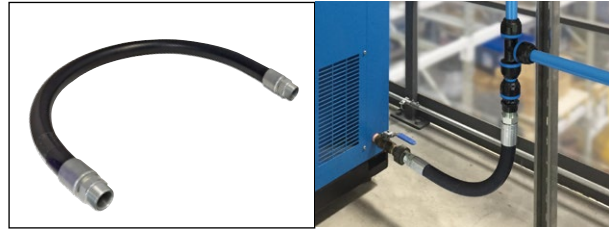
TOPQUIK S1

- Superior quality • ATEX certified
- Safe disconnection in a single push: downstream pressure automatically vented for easy disconnection at zero pressure



## FLEXIBLE ANTI-VIBRATION HOSES

- Designed for bypassing obstacles or overcoming misalignments of piping system
- Ideal for connecting a compressor outlet to the piping system



### STANDARD RUBBER

Length 24 in	Length 48 in	Fittings (M) NPT	Hose I.D. in	Minimum Bend Radius (in)	Braid
Product No					
08.800	08.810	1/2	1/2	3-1/2	Simple
08.801	08.811	3/4	3/4	4-3/4	Simple
08.802	08.812	1	1	6	Simple
08.803	08.813	1-1/4	1-1/4	8-1/4	Simple
08.804	08.814	1-1/2	1-1/2	10	Simple
08.805	08.815	2	2	12-1/2	Simple
08.806	08.816	2-1/2	2-1/2	15	Double
08.807	08.817	3	3	17-3/4	Double

### Materials

**Cover:** Oil-resistant synthetic rubber  
**Inner Hose:** Oil and heat-resistant rubber  
**Reinforcement:** Steel wire

### Specifications

**Working temperature:** -40 to 100 °C  
**Maximum working pressure:** 500 PSI

### CRN APPROVED RUBBER

Length 24 in	Length 48 in	Fittings (M) NPT	Hose I.D. in	Minimum Bend Radius (in)	Braid
Product No					
08.820	08.830	1/2	1/2	3-1/2	Simple
08.821	08.831	3/4	3/4	4-3/4	Double
08.822	08.832	1	1	6	Double
08.823	08.833	1-1/4	1-1/4	8-1/4	Quadruple
08.824	08.834	1-1/2	1-1/2	10	Quadruple
08.825	08.835	2	2	12-1/2	Quadruple



### Materials

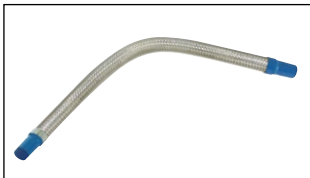
**Cover:** Abrasion resistant synthetic rubber  
**Inner hose:** Synthetic rubber  
**Reinforcement:** High tensile steel wire

### Specifications

**Working temperature:** -40 to 125 °C  
**Maximum working pressure:** 3000 PSI

## HIGH TEMPERATURE ANTI-VIBRATION HOSES / STAINLESS STEEL HOSE AND BRAID

- Flexible and corrugated designed to minimize vibration and heat coming from the compressor
- Meets ISO 10380 specifications

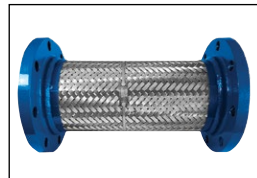


### Materials

**Hose and Braid:** Stainless steel  
**Fitting:** Steel

### Specifications

**Working temperature:** -40 to 250 °C



### Materials

**Hose and Braid:** Stainless steel  
**Flange:** Steel  
**Ring:** Stainless steel

### Specifications

**Working temperature:** -40 to 250 °C

### HIGH TEMPERATURE STAINLESS STEEL

#### 12 / 14 / 24 INCHES WITH THREADED FITTINGS

Product No	Fittings (M) NPT	Hose I.D. in	Length (in)	Maximum Misalignment (in)	Maximum Pressure PSI at 21 °C
08.840	1/2	1/2	12	1.240 5/8	1225
08.841	3/4	3/4		1.104 1/2	1034
08.842	1	1		0.920 7/16	796
08.843	1-1/4	1-1/4		0.490 1/4	600
08.844	1-1/2	1-1/2		0.427 1/4	557
08.845	2	2		0.399 3/16	570
08.846	2-1/2	2-1/2	14	0.135	398
08.847	3	3		0.125	327
08.850	1/2	1/2		24	1.65 3-5/8
08.851	3/4	3/4	1.650 3		1034
08.852	1	1	1.880 2-5/8		796
08.853	1-1/4	1-1/4	2.55 2		600
08.854	1-1/2	1-1/2	2.94 1-3/4		557
08.855	2	2	3.14 1-7/16		570

### HIGH TEMPERATURE STAINLESS STEEL

#### 12 / 24 INCHES WITH FLANGE

Product No	Flange (mm)	Hose I.D. in	Length (in)	Maximum Misalignment (in)	Maximum Pressure PSI at 21 °C
08.846.01	63	2-1/2	12	0.500	285
08.847.01	80	3		0.440	285
08.848	100	4		0.335	284
08.856.01	63	2-1/2	24	3.125	285
08.857.01	80	3		2.850	285
08.858	100	4		2.259	284



### CAUTION

An anti-vibration hose must always be installed between the compressor and the air piping system to protect the system from vibrations and expansion forces.



PRACTICAL TOOLS

PIPE CUTTER



Product No	Pipe diameter	
	mm	in
08.581	16 to 25	1/2 to 1
08.582	Replacement blade for 08.581	
08.583	16 to 63	1/2 to 2-1/2
08.584	Replacement blade for 08.583	
08.585	50 to 100	2 to 4
08.586	Replacement blade for 08.585	
08.594	100 et 160	4 et 6
08.595	Replacement blade for 08.594	

CHAMFER TOOL



Product No	Pipe diameter	
	mm	in
08.587	16 to 32	1/2 to 1-1/4



Product No	Pipe diameter	
	mm	in
08.588	16 to 50	1/2 to 2



Product No	Pipe diameter	
	mm	in
08.589	63 to 100	2-1/2 to 4

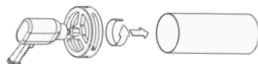
CHAMFER TOOL FOR DRILL



Product No	Pipe diameter	
	mm	in
08.592	16 to 50	1/2 to 2



Product No	Pipe diameter	
	mm	in
08.551	16 and 20	1/2 and 3/4
08.552	25	1
08.553	32	1-1/4
08.554	40	1-1/2
08.555	50	2
08.556	63	2-1/2
08.557	80	3
08.558	100	4
08.559	160	6

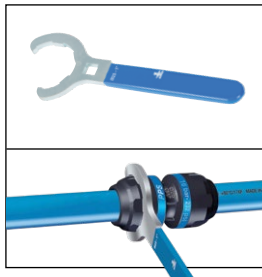


DEBURRING TOOL



Product No	Description
	08.590
08.591	Replacement blades (x2)

SPANNER WRENCH



Product No	Pipe diameter	
	mm	in
08.560	16	1/2
08.561	20	3/4
08.562	25	1
08.563	32	1-1/4
08.564	40	1-1/2
08.565	50	2
08.566	63	2-1/2
08.567	80	3

NEUTRAL HOOK SPANNER



Product No	Pipe diameter	
	mm	in
08.569	16 to 80	1/2 to 3

GEL FOR ASSEMBLY



Product No	Description
	08.579

- Integrated brush easy to use
- Facilitates pipe and fitting connection without any drip
- NSF H1 certified for the food industry

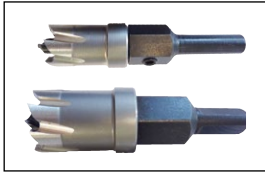


Watch **TOPRING** compressed air piping system videos:  
<https://bit.ly/en-s08-catalogue>



## PRACTICAL TOOLS

### DRILLING BIT



Visit **TOPRING.com** to see the video

Product No	Drilling diameter		Size	
	mm	in	mm	in
08.575	16	1/2	25 to 32	1 to 1-1/4
08.576	22	55/64	40 to 50	1-1/2 to 2
08.577	30	1-3/16	63 to 80	2-1/2 to 3
08.578	40	1-25/41	100	4
08.580	64	2-1/2	160	6

For the installation of take-off drop couplings  
Integrated stop bumper to prevent a complete perforation of the pipe

### DRILLING TOOL FOR PRESSURIZED DRILLING



A drop coupling with ball valve is required when using the pressurized drilling bit

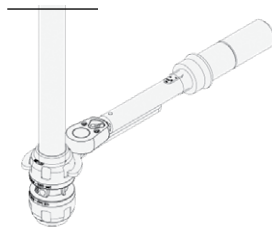
No	Drilling diameter		For drop coupling
	mm	in	Thread (F) NPT
08.596	13	1/2	1/2
08.597	19	3/4	1

### TORQUE WRENCH



Product No	Square driver	Max. unscrew torque (Nm)
08.573*	3/8	6 to 30
08.574	3/8	20 to 100

\* Supplied with 5 sockets (HW4, HW5, HW6, HW7, HW8)

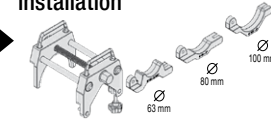


### INSERTION TOOL GUIDE FOR PIPES AND FITTINGS



Product No	Pipe diameter	
	mm	in
08.598*	63 to 100	2-1/2 to 4
08.599*	160	6

Facilitates pipe and fitting installation



\* On request only

### INSTALLATION TOOL KIT



Product No	Description
08.593	Installation tool kit

Kit includes:  
1 pipe cutter, 1 deburring tool, 1 marker, 2 drilling tools, 1 chamferdrilling bit for pipe tool, carrying case

### CHAMFERING TOOL KIT FOR DRILL



Product No	Description
08.895*	Chamfering kit for drill for 16 to 50 mm pipe diameters
08.896*	Chamfering kit for drill for 63 to 100 mm pipe diameters

\* On request only

08.895 includes: 5 chamfering tool for drill and 1 hex drill bit adapter, carrying case / for pipe diameters 16-20, 25, 32, 40 and 50 mm

08.896 includes: 3 chamfering tool for drill and 1 hex drill bit adapter, carrying case / for pipe diameters 63, 80 and 100 mm

### SPANNER WRENCH KIT



Product No	Pipe diameter	
	mm	in
08.570	16 to 32	1/2 to 1-1/4
08.571	40 to 50	1-1/2 to 2
08.572	63 to 80	2-1/2 to 3

Kit includes:  
2 or 4 tightening wrenches, 1 marker pen, carrying case

### DRILLING TOOL KIT



Product No	Description
08.897*	Drilling kit for 16 to 100 mm pipe diameters
08.898*	Pressurized drilling kit

\* On request only

08.897 includes: 5 bits for drilling for 16 to 100 mm (1/2 to 4 in) pipe diameters, carrying case

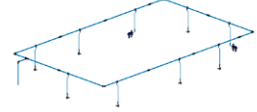
08.898 includes: 2 bits for drilling diameters 13 and 19 mm (0.51 - 0.75 in), carrying case

A drop coupling with ball valve is required when using a pressurized drilling tool.



**GUIDE TO DETERMINE THE MINIMUM DIAMETER PIPE SIZING FOR A COMPRESSED AIR NETWORK**

1. Identify the type of network: closed loop or dead-end
  2. Calculate the total length of the line (feet)
  3. Determine the total flow required (SCFM)
  4. Use the charts below in order to identify the proper diameter size
- Calculations based on total maximum pressure drop ( $\Delta P$ ) of no more than 3 PSIG for the entire network, at 100 PSIG at 15.5 °C
  - Total flow required takes account of all flows for all compressed air powered tools and equipment
  - Note that a typical compressor will produce approximately 4 SCFM per HP



**Minimum diameter pipe sizing for a closed loop network**

TOTAL LENGTH OF THE NETWORK (FEET)

TOTAL FLOW REQUIRED (SCFM)	100	150	200	250	300	400	500	600	700	800	900	1000	1250	1500	2000	2500	3000	4000	5000	6000	7000	8000
5	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	20	20
10	16	16	16	16	16	16	16	16	16	16	16	16	16	16	20	20	20	20	20	20	25	25
15	16	16	16	16	16	16	16	16	16	20	20	20	20	20	20	20	25	25	25	25	25	25
20	16	16	16	16	16	20	20	20	20	20	20	20	20	20	25	25	25	25	25	25	32	32
30	16	16	16	20	20	20	20	20	25	25	25	25	25	25	25	32	32	32	32	32	32	32
40	16	20	20	20	20	20	25	25	25	25	25	25	25	32	32	32	32	32	32	40	40	40
60	20	20	20	25	25	25	25	25	25	32	32	32	32	32	32	32	40	40	40	40	40	40
80	20	25	25	25	25	25	32	32	32	32	32	32	32	32	40	40	40	40	40	50	50	50
100	25	25	25	25	32	32	32	32	32	32	32	32	40	40	40	40	40	50	50	50	50	50
125	25	25	32	32	32	32	32	32	40	40	40	40	40	40	40	50	50	50	50	50	50	63
150	25	32	32	32	32	32	40	40	40	40	40	40	40	40	50	50	50	50	50	63	63	63
200	32	32	32	32	40	40	40	40	40	40	50	50	50	50	50	63	63	63	63	63	63	63
300	32	40	40	40	40	40	50	50	50	50	50	50	50	63	63	63	63	63	63	80	80	80
400	40	40	40	40	50	50	50	50	50	50	63	63	63	63	63	80	80	80	80	80	80	80
500	40	40	50	50	50	50	63	63	63	63	63	63	63	80	80	80	80	80	80	80	80	100
750	50	50	50	50	63	63	63	63	63	80	80	80	80	80	80	100	100	100	100	100	100	100
1000	50	63	63	63	63	63	63	80	80	80	80	80	80	80	100	100	100	100	100	160	160	160
1500	63	63	63	80	80	80	80	80	80	100	100	100	100	100	160	160	160	160	160	160	160	160
2000	63	80	80	80	80	80	100	100	100	100	100	100	100	160	160	160	160	160	160	160	160	160
2500	80	80	80	80	80	100	100	100	100	100	100	160	160	160	160	160	160	160	160	160	160	160
3000	80	80	80	100	100	100	100	100	160	160	160	160	160	160	160	160	160	160	160	160	160	160
4000	80	100	100	100	100	100	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
5000	100	100	100	100	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
6000	100	100	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
7000	100	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
8000	100	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
9000	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10000	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160

**Minimum diameter pipe sizing for a linear network (dead end)**

TOTAL LENGTH OF THE NETWORK (FEET)

TOTAL FLOW REQUIRED (SCFM)	25	50	75	100	150	200	250	300	400	500	600	700	800	900	1000	1500	2000	2500	3000	4000	
5	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	20	20	20	20	20	20
10	16	16	16	16	16	16	16	16	20	20	20	20	20	20	20	25	25	25	25	25	32
15	16	16	16	16	16	20	20	20	20	20	25	25	25	25	25	25	32	32	32	32	32
20	16	16	16	20	20	20	20	25	25	25	25	25	25	25	25	32	32	32	32	32	40
30	16	20	20	20	25	25	25	25	25	32	32	32	32	32	32	32	40	40	40	40	40
40	20	20	20	25	25	25	25	32	32	32	32	32	32	32	32	40	40	40	40	40	50
60	20	25	25	25	25	32	32	32	32	40	40	40	40	40	40	50	50	50	50	50	50
80	25	25	32	32	32	32	32	40	40	40	40	40	40	40	50	50	50	50	50	63	63
100	25	32	32	32	32	40	40	40	40	50	50	50	50	50	50	63	63	63	63	63	63
125	25	32	32	32	40	40	40	40	50	50	50	50	50	50	50	63	63	63	63	63	63
150	32	32	32	40	40	40	40	50	50	50	50	50	50	63	63	63	63	63	63	63	80
200	32	32	40	40	40	50	50	50	50	63	63	63	63	63	63	80	80	80	80	80	100
300	40	40	40	50	50	63	63	63	63	63	63	63	63	80	80	80	80	80	80	100	100
400	40	50	50	50	63	63	63	63	63	80	80	80	80	80	80	80	80	80	80	100	100
500	40	50	50	63	63	63	63	63	80	80	80	80	80	80	80	80	80	80	80	100	160
750	50	63	63	63	63	80	80	80	80	100	100	100	100	100	100	100	100	100	100	160	160
1000	50	63	63	80	80	80	80	80	100	100	100	100	100	100	160	160	160	160	160	160	160
1500	63	80	80	80	100	100	100	100	160	160	160	160	160	160	160	160	160	160	160	160	160
2000	63	80	80	100	100	100	100	160	160	160	160	160	160	160	160	160	160	160	160	160	160
2500	80	80	100	100	100	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
3000	80	100	100	100	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
4000	100	100	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
5000	100	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
6000	100	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
7000	100	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
8000	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
9000	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
10000	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160



**CAUTION**  
Installation of TOPRING S08 compressed air piping system must be made according to the assembly instructions as indicated in the installation guide. Carefully read the design and installation guides prior proceeding (available on TOPRING.com).

**Note:** Diameters are based on the CAGI Handbook's recommendations for pressure drop less than 3 psi, with the following conditions: pressure 100 psig at 20 degrees C, main loop including 2 valves and 4 elbows.





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