

TOPRING PPS

COMPRESSED AIR
PIPING SYSTEM

Series 8

100% aluminium solution



TOPRING
Compressed air solutions

TOPRING PPS

100% ALUMINIUM SOLUTION

The new **TOPRING PPS** compressed air piping system is lightweight, corrosion resistant and fully made of aluminium. Quick and easy to install, the system can be immediately pressurized. The **TOPRING PPS** system is long-lasting and can easily be adapted to all needs or potential expansions.

The **TOPRING PPS** system ensures:

- A maximum operating pressure of 232 PSI (16 BAR) from -20 to 80 °C
- A leaktight network and optimized flow rate
- Clean, top quality air supply

ADVANTAGES

COMPACT DESIGN

The ergonomic design of the fitting offers superior resistance to vibrations and impacts

100% ALUMINIUM PIPES AND FITTINGS

The aluminium alloy pipes are protected using an electrostatic paint and a special coating on the inside surface which optimizes flow rates and increases protection against corrosion and oxidation

QUICK AND EASY TO ASSEMBLE

Simply insert the pipe into the fitting, then tighten the fitting using the proprietary tool

LEAKTIGHT WITH MINIMAL PRESSURE LOSS

One assembly method for all diameters ensures a rapid connection and zero leaks. Flow rates are optimized thanks to a perfectly smooth internal pipe surface, a low friction coefficient and a large internal diameter

FULLY ADAPTABLE

The modular design is adaptable and scalable to existing and future installations

TOPRING PPS

CERTIFICATIONS

Canadian Registration Number

All PPS pipes, fittings and ball valves are CRN approved for all Canadian provinces



ASME B31.1 and ASME B31.3

ASME B31.1 and ASME B31.3 prescribe requirements for material and components, design, fabrication, assembly, construction, examination, inspection and piping testing

Fire Rating

Standard for fire rating of construction products and components (UL 94)



QUALICOAT

The QUALICOAT certification is a guarantee of the quality of the lacquer finish applied to aluminium pipes



REACH Standard

Registration, Evaluation, Authorization and Restriction of Chemicals



ISO 9001: 2008

Manufactured under ISO quality management system



CAN/ULC-S102.2: 2018

Standard method of test for surface burning, characteristics of building materials and assemblies



TÜV

A TÜV certified product is a pledge of safety and quality. It complies with the Pressure Equipment Directive PED 2014/68/EU



SPECIFICATIONS

Maximum Working Pressure

232 PSI (16 BAR)

Burst Pressure

Coefficient of 5:1 (232 PSI x 5 = 1 160 PSI)

Vacuum Level

-29.84 in Hg / -0.98 BAR

Temperature Range

-20 to 80 °C

Resistance to

- Corrosion
- Harsh environments
- Mechanical shocks
- Thermal variations
- Mineral and synthetic compressor oils
- Ultraviolet (UV)

Environment

- Materials used to produce the pipes and fittings are 100% recyclable
- All pipes and fittings are guaranteed silicone-free

Applications

- Compressed air
- Vacuum
- Inert gases

WARRANTY

The **TOPRING PPS** 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

WARRANTY
10 YEARS
TOPRING PPS

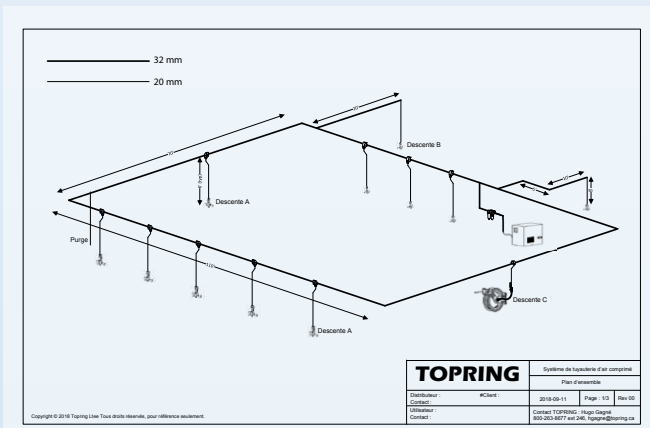
TECHNICAL SUPPORT

Whether you need technical support, design assistance or specific project guidances, our technical team is always available to help you with your compressed air piping system. You can reach us at 1-800-263-8677. You can also visit **TOPRING.com** to download our catalogue, installation guides, white papers and other useful tools for any compressed air piping system project. Visit **TOPRING.com/ Piping Systems**.

AIR PIPING NETWORK DESIGN

We offer a wide range of services to help you design and select the right compressed air piping system.

Services include:



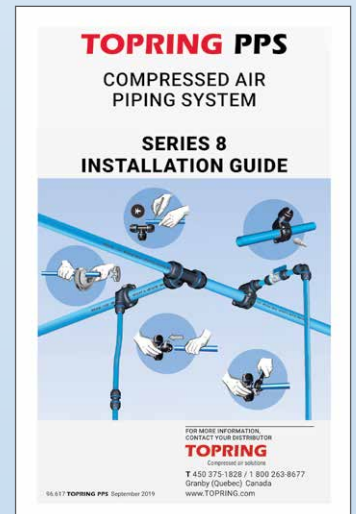
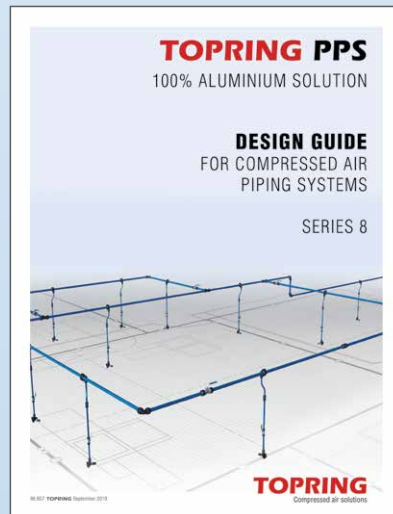
- An overall plan of your compressed air piping system to visualize your installation (Visio drawing).
- A detailed list of drops with the product references to visualize connectivity and facilitate assembly.
- Detailed quotes including product codes, quantities and pricing. Quotations also include product brochure with detailed technical specifications.

DESIGN AND INSTALLATION GUIDES

Download the design and installation's guides of the **TOPRING PPS** Series 8 for important info on system configurations, installations and maintenance.

Product No	Description
96.606	PPS Design Guide S08 French
96.607	PPS Design Guide S08 English
96.616	PPS Installation Guide S08 French
96.617	PPS Installation Guide S08 English

Available on **TOPRING.com** / Piping Systems



INSTRUCTIONAL VIDEO

View **TOPRING PPS** compressed air piping system video at **TOPRING.com / Resource Center** for useful informations and installation tips.



PRODUCT SAMPLE KITS

PRODUCT SAMPLE KIT

Product No	Description
97.194	PPS Product samples in a rigid case 8 different sizes of aluminium pipes



PIPE AND FITTING SAMPLE IN A PLASTIC CASE

Product No	Description
97.191	Samples, pipe and fittings

TOPRING PPS
SYSTÈME DE TUYAUTERIE POUR L'AIR COMPRIMÉ - Série 8
Solution 100% aluminium / Installation rapide et facile

BRIDE DE DÉRIVATION
Diamètre plus élevé unique pour un débit d'air optimisé. Permet de réaliser des dérivations de façon simple et rapide. Empêche l'air de la ligne principale de s'écouler dans les dérivations.

RACCORD
Une seule méthode d'assemblage pour tous les diamètres. Parfaitement étanche grâce au joint lubrifié avec un revêtement en Teflon. Système de retenue avec giffes en acier inoxydable pour une résistance accrue. Réassemblé en aluminium léger et compact.

TUBE CALIBRÉ EN ALUMINIUM
Diamètres de 19, 25, 32, 41, 50, 63 et 80 mm. Méthode laser résistante à la corrosion. Plusieur traitement QUALICOAT.

TUBE DE DÉVIATION
Idéal pour contourner les problèmes d'alignement ou pour raccourcir une dérivation d'un mètre.

ENSEMBLE DISTRIBUTEUR
Point de jonction utile pour les systèmes qui nécessitent des connexions multiples. Distributeur en aluminium anodisé (1, 2 ou 3 ports) avec un joint pré-monté. Concept d'installation d'air.

Téléchargez le catalogue et la vidéo TOPRING PPS sur le site TOPRING.com / Réseau d'air.

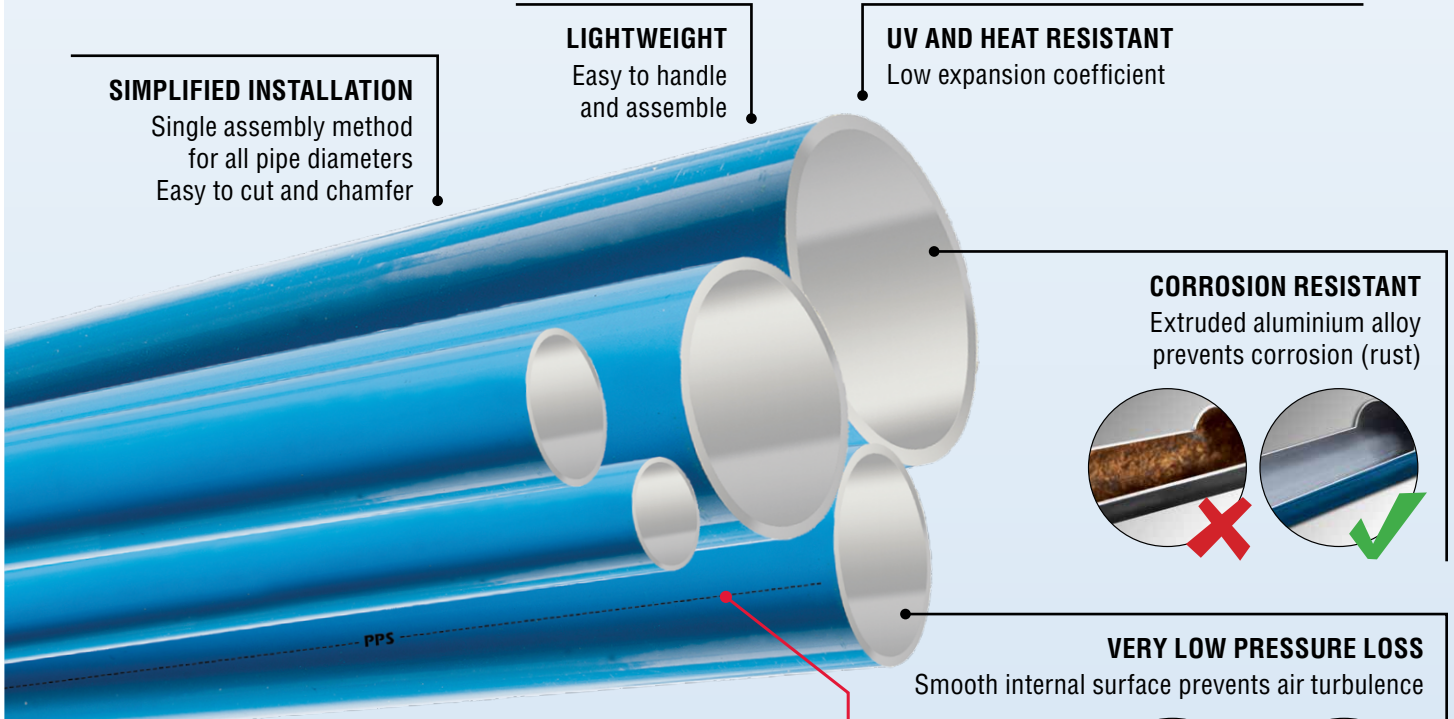
3D BOARDS WITH PRODUCTS

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 PPS** compressed air piping system

ALUMINIUM PIPES

The **TOPRING PPS** piping system is lightweight and corrosion resistant. It offers quick and easy installation using a single type of connection for all its pipe diameters.



SIMPLIFIED INSTALLATION
Single assembly method for all pipe diameters
Easy to cut and chamfer

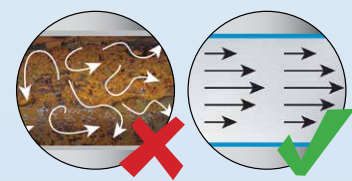
LIGHTWEIGHT
Easy to handle and assemble

UV AND HEAT RESISTANT
Low expansion coefficient

CORROSION RESISTANT
Extruded aluminium alloy prevents corrosion (rust)



VERY LOW PRESSURE LOSS
Smooth internal surface prevents air turbulence



INSCRIPTIONS ON EACH PIPE

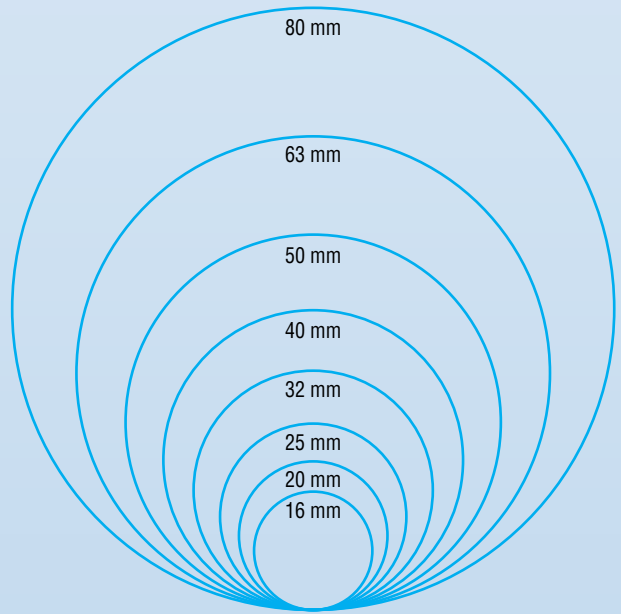
O. D. (mm)	Maximum Working pressure (PSI)	Working temperature (°C/°F)	Manufacturing date
PPS Ø16-1/2"	WP 16 bar/232 Psi	-20 °C/-4 °F to +80 °C/176 °F	MADE IN EU 05/18

Dotted line for an easy installation

AVAILABLE DIAMETERS AND LENGTHS

Pipe diameter (mm)	Pipe Length	
	m	ft
16	4	13
20-25-32	4	13
	6	20
40-50-63-80	6	20

REAL DIAMETERS OF PIPES



Materials

Pipe: EN AW 6063 extruded aluminium alloy
Coating: Electrostatic paint, compliant with RoHS standard

Specifications

- Extrusion quality:**
- Non-welded extrusion manufacturing process
 - Calibrated pipe
- Color:** Blue RAL 5012 (ISO color)
- Maximum operating pressure:** 232 PSI (16 BAR)
- Temperature Range:** -20 to 80 °C
- Fluids:** Compressed air, vacuum, inert gases and nitrogen

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 aluminium

VISUAL MARK

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

V-SHAPE ANTI-ROTATION SYSTEM

Textured v-shaped marking integrated directly into the drop coupling prevents the rotation of the pipe during drilling operations

CONDENSATE MANAGEMENT

Accumulated water in the lower section of the main pipe will be drained to a low point by an automatic drain

OPTIMIZED ALIGNMENT

Integrated alignment guide to facilitate drilling operations

PROPRIETARY DRILLING TOOLS

With a stop bumper to prevent accidental perforations of the pipe



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

ALUMINIUM FITTINGS

Using the innovative one assembly connection technology, the **TOPRING PPS** fittings are entirely made of aluminium. Offered in a large range of diameters and configurations from 16 to 80 mm (1/2 to 3 inches).

TWO-PIECE FITTING
Aluminium body and nut



LEAKPROOF CONNECTION

Lubricated double lobe teflon coated blue seal

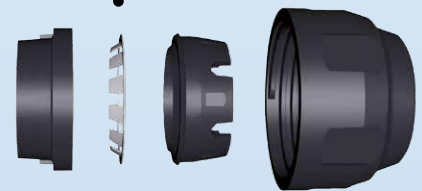
Perfectly leaktight even under the hardest conditions



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 to fall in pieces and it eliminates reassembly errors



PRODUCT IDENTIFICATION

DIAMETER / THREAD

Pipe external diameter mm and inches

Threaded fitting NPT size inches



PRESSURE

Maximum working pressure (BAR/PSI)



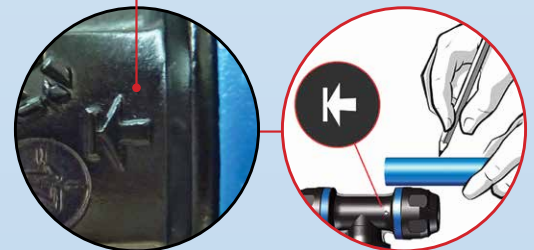
TRACEABILITY

Year of manufacturing

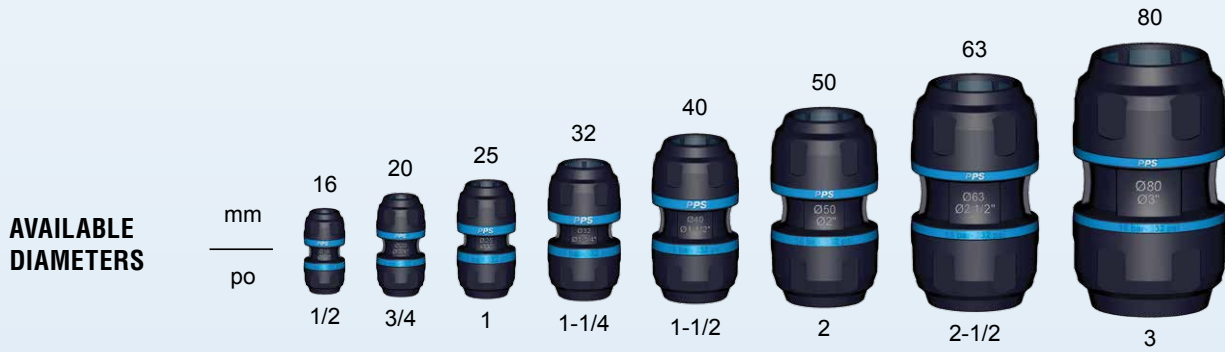


REFERENCE MARK

Reference mark on the fitting for pipe marking for proper insertion



TOPRING fittings are offered in a full range of diameters and configurations.



UNIONS

- Union
- Reducing union
- Female threaded connector
- Male threaded connector
- End cap
- Sliding union
- Expansion connector



Sliding union:
Slides its entire length to connect pipes on an existing closed network system



Expansion connector:
Ideal solution against thermal variation effects on pipes. Quick and easy installation.

ELBOWS

- 90° elbow union
- 90° male threaded elbow
- 45° elbow union

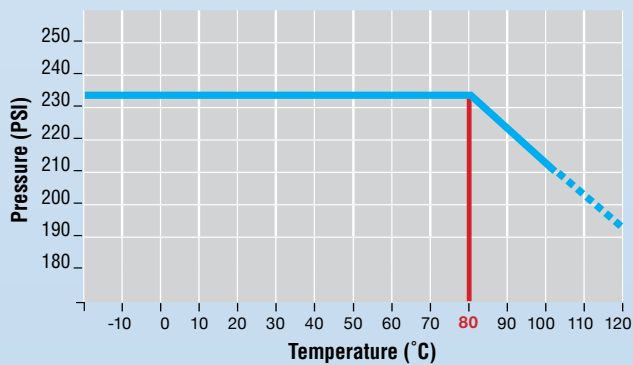


TEES

- Equal tee
- Reducing tee
- Female threaded tee



OPERATING PRESSURE GRAPH ACCORDING TO THE TEMPERATURE



Materials

- Body and Nut:** 100% aluminium, EN AB 46100
- Gripping Teeth:** Stainless steel
- Seal:** NBR with teflon coated treatment

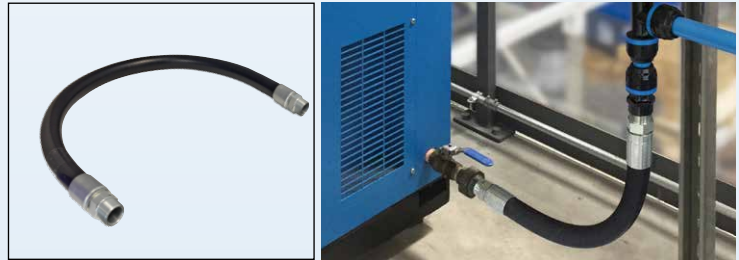
Specifications

- Maximum Operating Pressure:** 232 PSI (16 BAR)
- Vacuum Level:** 29.84 in Hg / -0.98 BAR
- Working Temperature:** -20 to 80 °C

FLEXIBLE ANTI-VIBRATION HOSES

Features and benefits

- 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)	
Product No					
08.800	08.810	1/2	1/2	7	
08.801	08.811	3/4	3/4	9-1/2	
08.802	08.812	1	1	12	
08.803	08.813	1-1/4	1-1/4	16-1/2	
08.804	08.814	1-1/2	1-1/2	19-11/16	
08.805	08.815	2	2	25	

Materials

Cover: Oil-resistant synthetic rubber

Inner Hose: Oil and heat-resistant rubber

Reinforcement: High tensile steel braid 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)		Steel Wire
Product No						
08.820	08.830	1/2	1/2	3-1/2		One-braid
08.821	08.831	3/4	3/4	4-3/4		Two-braid
08.822	08.832	1	1	6		Two-braid
08.823	08.833	1-1/4	1-1/4	8-1/4		Four-spiral
08.824	08.834	1-1/2	1-1/2	10		Four-spiral
08.825	08.835	2	2	12-1/2		Four-spiral



Materials

Cover: Abrasion resistant synthetic rubber

Inner hose: Synthetic rubber

Reinforcement: Steel wire

Specifications

Working temperature: -40 to 125 °C

Maximum working pressure: 3000 PSI



HIGH TEMPERATURE STAINLESS STEEL 12 INCHES

Product No	Fittings (M) NPT	Length (in)	Maximum Misalignment (in)		Maximum Working Pressure PSI at 21 °C
08.840	1/2	12	0.60	5/8	1137
08.841	3/4		0.50	1/2	910
08.842	1		0.43	7/16	711
08.843	1-1/4		0.25	1/4	568
08.844	1-1/2		0.25	1/4	426
08.845	2		0.20	3/16	398

Features and benefits

- 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
(Stainless steel available upon request)

Specifications

Working temperature: -40 to 250 °C

HIGH TEMPERATURE STAINLESS STEEL 24 INCHES

Product No	Fittings (M) NPT	Length (in)	Maximum Misalignment (in)		Maximum Working Pressure PSI at 21 °C
08.850	1/2	24	3.65	3-5/8	1137
08.851	3/4		3.03	3	910
08.852	1		2.66	2-5/8	711
08.853	1-1/4		1.96	2	568
08.854	1-1/2		1.70	1-3/4	426
08.855	2		1.44	1-7/16	398

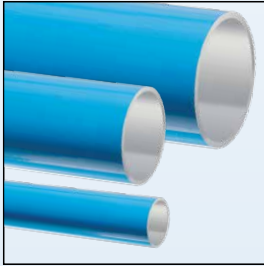


CAUTION

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.

TUBES

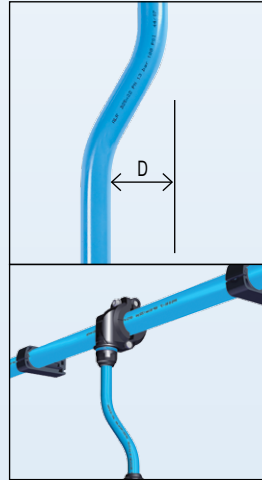
ALUMINIUM PIPE



Product No Air	Product No Nitrogen	Size		Length	
		mm	in	m	ft
08.101	---	16	1/2	4	13.12
08.103	---	20	3/4	4	13.12
08.102	08.122*	20	3/4	6	19.70
08.105	---	25	1	4	13.12
08.104	08.124*	25	1	6	19.70
08.107	---	32	1-1/4	4	13.12
08.106	---	32	1-1/4	6	19.70
08.108	---	40	1-1/2	6	19.70
08.110	---	50	2	6	19.70
08.112	---	63	2-1/2	6	19.70
08.114	---	80	3	6	19.70

* green color

ALUMINIUM DEVIATION PIPE



Product No	D in	Size	
		mm	in
08.130	3.15	16	1/2
08.133	3.54	20	3/4
08.136	2.95	25	1

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

Typical installation

TAKE-OFF DROP COUPLINGS

DROP COUPLING WITHOUT FITTING



Product No	Size		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	Size		Drop Leg Size	
	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



See the video "**TOPRING PPS - Take off drop coupling installation**" on **TOPRING.com**

UNIONS AND TEES

STRAIGHT UNION



Product No	Size	
	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

90° ELBOW UNION



Product No	Size	
	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

REDUCING UNION



Product No	Size A		Size 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

90° MALE THREADED ELBOW



Product No	Size		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

SLIDING UNION



Product No	Size	
	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

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

45° ELBOW UNION



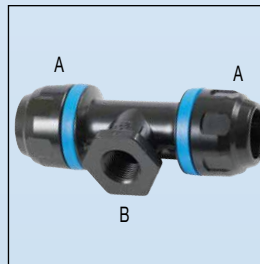
Product No	Size	
	mm	in
08.190	16	1/2
08.191	20	3/4
08.192	25	1
08.193	32	1-1/4
08.194	40	1-1/2

EQUAL TEE



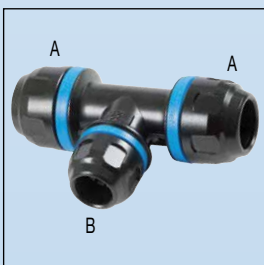
Product No	Size	
	mm	in
08.330	16	1/2
08.331	20	3/4
08.332	25	1
08.333	32	1-1/4
08.334	40	1-1/2
08.335	50	2
08.336	63	2-1/2
08.337	80	3

FEMALE THREADED REDUCING TEE



Product No	Size 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

REDUCING TEE



Product No	Size A		Size 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

THREADED CONNECTORS AND REPLACEMENT PARTS

MALE THREADED CONNECTOR



Product No	Size		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

END CAP



Product No	Size	
	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

COMPRESSION NUT



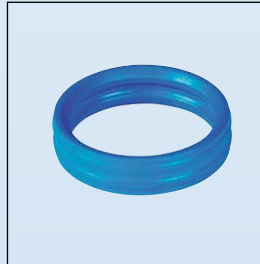
Product No	Size	
	mm	in
08.760	16	1/2
08.761	20	3/4
08.762	25	1
08.763	32	1-1/4
08.764	40	1-1/2
08.765	50	2
08.766	63	2-1/2
08.767	80	3

FEMALE THREADED CONNECTOR



Product No	Size		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

SEAL



Product No	Size		Unit per pack
	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

INTERNAL PARTS KIT



Product No	Size	
	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

EXPANSION CONNECTOR



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



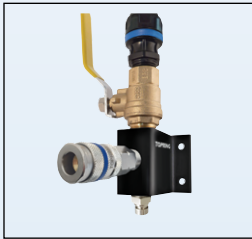
TECH TIP

It is strongly recommended to install an expansion connector every 30 meters of pipes. For all the details, see PPS design guide on **TOPRING.com**

MANIFOLDS

Anodized aluminium manifolds with 1, 2 or 3 outlets assembled with **QUIKSILVER** or **TOPQUIK** quick couplers

MANIFOLD / 1 QUICK COUPLER



Product No	Size		Quick Coupler
	mm	in	
08.454	16	1/2	QUIKSILVER
08.455	20	3/4	1/4 INDUSTRIAL



Product No	Size		Quick Coupler
	mm	in	
05.454.02	16	1/2	QUIKSILVER
08.455.02	20	3/4	ULTRAFLO



Product No	Size		Quick Coupler
	mm	in	
08.454.03	16	1/2	TOPQUIK
08.455.03	20	3/4	1/4 INDUSTRIAL

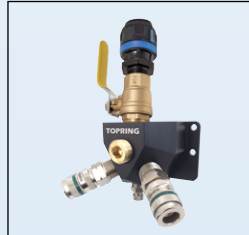


Product No	Size		Quick Coupler
	mm	in	
08.454.04	16	1/2	TOPQUIK
08.455.04	20	3/4	ULTRAFLO

MANIFOLD / 2 QUICK COUPLERS



Product No	Size		Quick Coupler
	mm	in	
08.465	20	3/4	QUIKSILVER
08.466	25	1	1/4 INDUSTRIAL

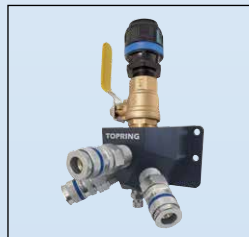


Product No	Size		Quick Coupler
	mm	in	
08.465.02	20	3/4	QUIKSILVER
08.466.02	25	1	ULTRAFLO



Product No	Size		Quick Coupler
	mm	in	
08.465.04	20	3/4	TOPQUIK
08.466.04	25	1	ULTRAFLO

MANIFOLD / 3 QUICK COUPLERS




Product No	Size		Quick Coupler
	mm	in	
08.475	20	3/4	QUIKSILVER
08.476	25	1	1/4 INDUSTRIAL



Product No	Size		Quick Coupler
	mm	in	
08.475.02	20	3/4	QUIKSILVER
08.476.02	25	1	ULTRAFLO



Product No	Size		Quick Coupler
	mm	in	
08.475.04	20	3/4	TOPQUIK
			ULTRAFLO




QUIKSILVER QUICK COUPLERS

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

Maximum working pressure:
1/4 INDUSTRIAL 362 PSI
ULTRAFLO 500 PSI

Airflow: 1/4 INDUSTRIAL 44 SCFM
ULTRAFLO 80 SCFM




TOPQUIK QUICK COUPLERS

- Provides superior tool performance
- 2-step safe disconnection: downstream pressure is automatically vented and disconnection is safely performed

Maximum working pressure: 362 PSI

Airflow: 1/4 INDUSTRIAL 36 SCFM
ULTRAFLO 60 SCFM



SAFETY

MANIFOLDS Anodized aluminium manifolds with drain

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 / 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)

Includes a cap

COMBINED UNITS • F/R • F/R+L

Quick couplers specifications

- Automatic push-to-connect
- Easy to connect, even under pressure



SAFETY

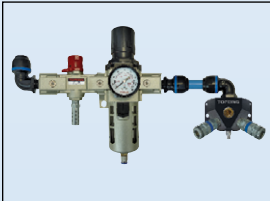


LOCKOUT

Unit includes:

- 90° male threaded elbow
- Venting safety lock-out valve with high performance muffler
- Space saving combined unit with 5 micron element, semi-automatic drain and gauge
- 2 piping adapters
- Mounting brackets included
- Manifold with 1 or 2 outlets, cap and drain
- One or two quick couplers

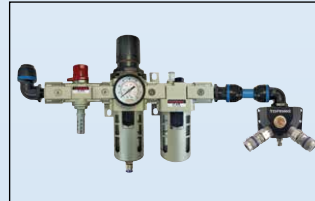
F/R UNITS WITH SAFETY LOCK-OUT VALVE



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

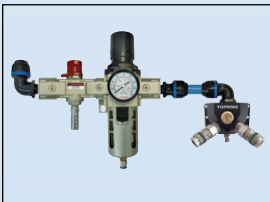
Accepts 1/4 INDUSTRIAL type plugs

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



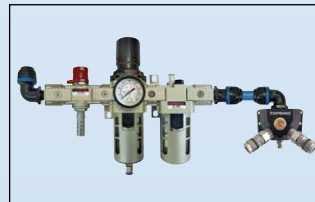
Product No	Size		Quick Coupler
	mm	in	
08.630	16	1/2	QUIKSILVER 1/4 INDUSTRIAL (1x)
08.631	20	3/4	QUIKSILVER 1/4 INDUSTRIAL (2x)
08.632	25	1	QUIKSILVER 1/4 INDUSTRIAL (2x)

Accepts 1/4 INDUSTRIAL type plugs



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

Accepts ULTRAFLO type plugs



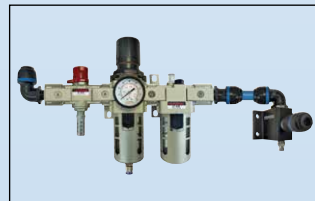
Product No	Size		Quick Coupler
	mm	in	
08.631.02	20	3/4	QUIKSILVER ULTRAFLO (2x)
08.632.02	25	1	ULTRAFLO (2x)

Accepts ULTRAFLO type plugs



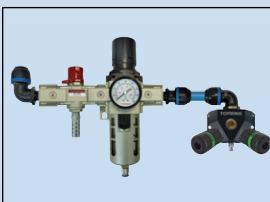
Product No	Size		Quick Coupler
	mm	in	
08.620.03	16	1/2	TOPOUIK 1/4 INDUSTRIAL (1x)

Accepts 1/4 INDUSTRIAL type plugs



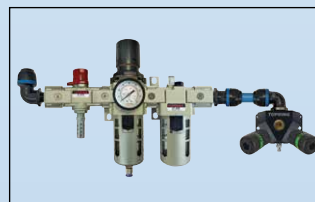
Product No	Size		Quick Coupler
	mm	in	
08.630.03	16	1/2	TOPOUIK 1/4 INDUSTRIAL (1x)

Accepts 1/4 INDUSTRIAL type plugs



Product No	Size		Quick Coupler
	mm	in	
08.621.04	20	3/4	TOPOUIK ULTRAFLO (2x)
08.622.04	25	1	ULTRAFLO (2x)

Accepts ULTRAFLO type plugs



Product No	Size		Quick Coupler
	mm	in	
08.631.04	20	3/4	TOPOUIK ULTRAFLO (2x)
08.632.04	25	1	ULTRAFLO (2x)

Accepts ULTRAFLO type plugs

BALL VALVES AND DRAINS

STANDARD BALL VALVE



CRN CANADIAN REGISTRATION NUMBER

Product No	Size	
	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
08.426*	63	2-1/2
08.427*	80	3

* Butterfly standard ball valve



FEMALE BALL VALVE



CRN CANADIAN REGISTRATION NUMBER

Product No	Size		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
08.406*	63	2-1/2	2
08.407*	80	3	2-1/2

* Butterfly standard ball valve



MALE BALL VALVE



CRN CANADIAN REGISTRATION NUMBER

Product No	Size		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

LOCKOUT SAFETY EXHAUST BALL VALVE



SAFETY

LOCKOUT

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



DRAINS AND VALVES

MANUAL DRAIN UNIT



Product No	Size	
	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) and **THERMOFLEX** hose with hose barb and hose clamp

HIFLO AUTOMATIC DRAIN UNIT



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

Includes: 114 ml liquid capacity drain, ball valve, Y strainer, 20 or 25 mm fitting

MAXDRAIN AUTOMATIC DRAIN UNIT



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

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

DRAINS AND VALVES

LOCKOUT HIGH FLOW SAFETY EXHAUST VALVE



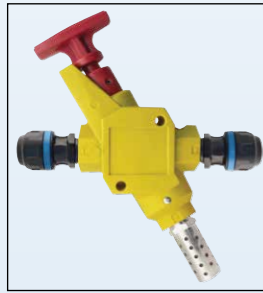
SAFETY



LOCKOUT

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

LOCKOUT HIGH FLOW SAFETY EXHAUST VALVE



CRN CANADIAN REGISTRATION NUMBER



SAFETY



LOCKOUT

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



MOUNTING ACCESSORIES

MOUNTING CLIP



Product No	Size	
	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

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

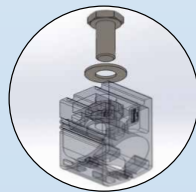


See the video "TOPRING PPS - Pipe mounting clip" on TOPRING.com

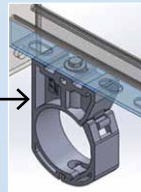
FIXING ADAPTER KIT FOR MOUNTING CLIP

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

Product No	For pipe diameter	
	mm	in
08.515	16 to 80	1/2 to 3



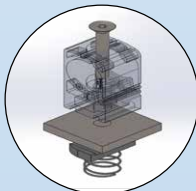
16 to 80 mm



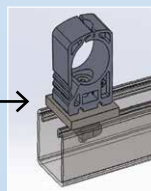
Kit 08.515 includes: 1 flat washer, 1 hex cap screw 3/8 UNC

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

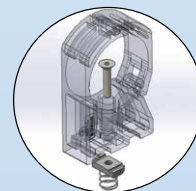
Product No	For pipe diameter	
	mm	in
08.516	16 to 32	1/2 to 1-1/4
08.517	40 to 80	1-1/2 to 3



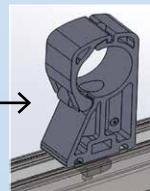
16 to 32 mm



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



40 to 80 mm



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

MOUNTING ACCESSORIES

SPACERS FOR ANODIZED ALUMINIUM MANIFOLDS



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

Installation requires screws # 10

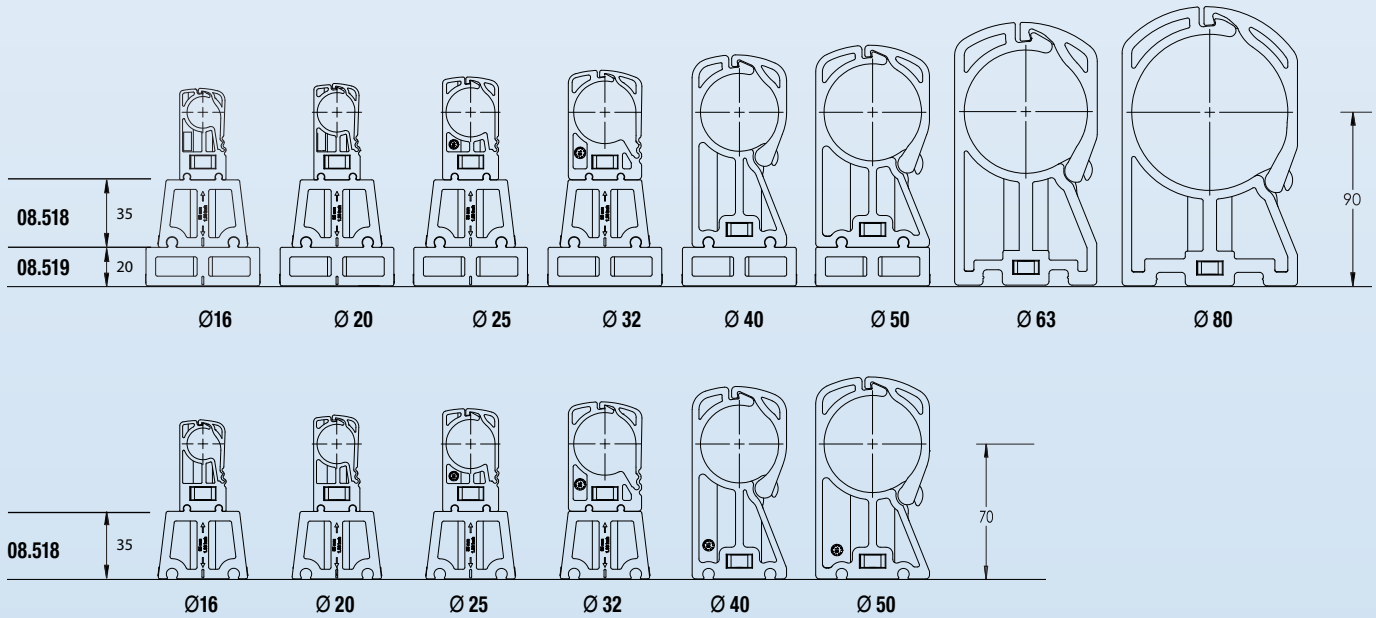
CLIP SPACERS



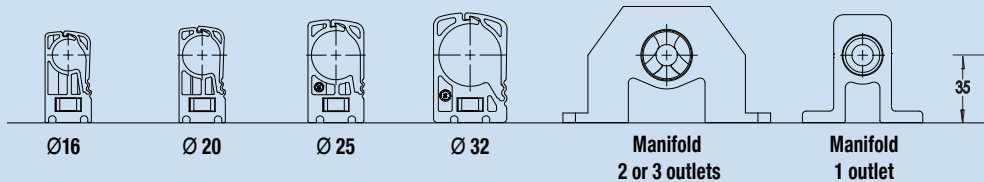
Product No	Thickness mm	For models	
		mm	in
08.518	35	16 to 32	1/2 to 1-1/4
08.519	20	40 to 50	1-1/2 to 2

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

CLIP SPACERS COMBINATIONS FOR OPTIMAL PIPING ALIGNMENT WITH VARIOUS PIPE DIAMETERS



MOUNTING CLIPS AND MANIFOLDS COMBINATIONS FOR OPTIMAL ALIGNMENT WITH DROP LEGS



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

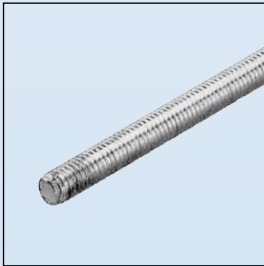
STRUT CHANNEL • 1-5/8 X 1-5/8 IN



Product No	Length / ft
08.513	10

For ceiling mounting

THREADED ROD • 10 FT



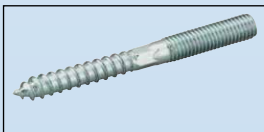
Product No	Thread Size
08.545	3/8 - 16

COUPLING NUT



Product No	Thread Size
08.546	3/8 - 16

SCREW



Product No	Thread Size
08.547	3/8 - 16

SWIVEL LOOP HANGER



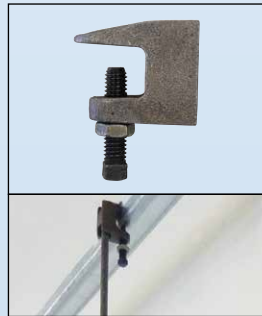
Product No	Pipe Size		Thread Size
	mm	in	
08.530	16	1/2	3/8
08.531	20	3/4	3/8
08.532	25	1	3/8
08.533	32	1-1/4	3/8
08.534	40	1-1/2	3/8
08.535	50	2	3/8
08.536	63	2-1/2	3/8
08.537	80	3	3/8

SUSPENSION PIPE CLIP



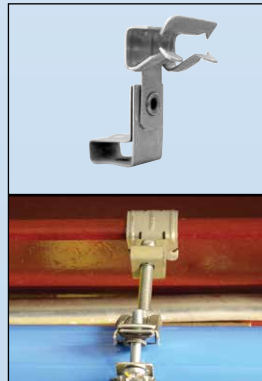
Product No	Pipe Size		Thread Size
	mm	in	
08.520	16	1/2	3/8 - 16
08.521	20	3/4	3/8 - 16
08.522	25	1	3/8 - 16
08.523	32	1-1/4	3/8 - 16
08.524	40	1-1/2	3/8 - 16
08.525	50	2	3/8 - 16
08.526	63	2-1/2	3/8 - 16
08.527	80	3	3/8 - 16

I-BEAM CLAMP • 3/8 UNC



Product No	Beam Thickness (in)	Thread Size
08.543	1/4 - 3/4	3/8 - 16

I-BEAM MOUNTING CLIP



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

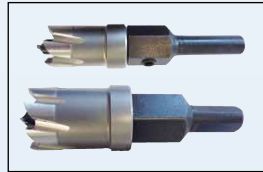
PRACTICAL TOOLS

PIPE CUTTER



Product No	Size	
	mm	in
08.581	3 to 30	1/8 to 1-1/8
08.582	Replacement blade for 08.581	
08.583	6 to 64	1/4 to 2-1/2
08.584	Replacement blade for 08.583	
08.585	50 to 80	2 to 3
08.586	Replacement blade for 08.585	

DRILLING TOOL

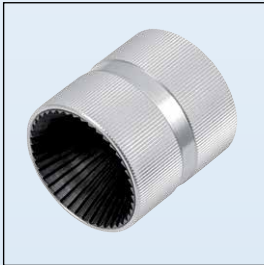


Visitez **TOPRING.com** pour voir la vidéo

Product No	Drilling diameter		Size	
	mm	in	mm	in
08.575	16	1/2	25 to 32	1/2 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

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

CHAMFER TOOL



Product No	Size	
	mm	in
08.587	16 to 32	1/2 to 1-1/4
08.588	40 to 50	1-1/2 to 2
08.589	63 to 80	2-1/2 to 3

CHAMFER TOOL FOR DRILL



Product No	Size	
	mm	in
08.592	16 to 50	1/2 to 2

DEBURRING TOOL



Product No	Description
08.590	Deburring tool
08.591	Replacement blades (x2)

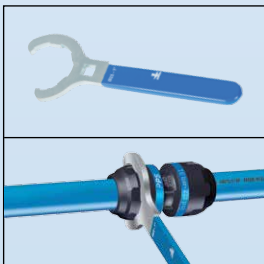
INSTALLATION TOOL KIT



Product No	Description
08.593	Installation tool kit

Kit includes: 1 pipe cutter, 1 chamfer tool, 1 deburring tool, 1 marker pen, 2 drilling tools, solid casing

SPANNER WRENCH



Product No	Size	
	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

SPANNER WRENCH KIT



Product No	Size	
	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, solid casing

NEUTRAL HOOK SPANNER



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

GEL FOR ASSEMBLY



Product No	Description
08.579	200 ml

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



See the video "**TOPRING PPS** - Aluminium pipe fitting connection" on **TOPRING.com**

Clean and dry compressed air

Compressed air is an energy source that is widely used.

However, compressed air contains water, dirt, particles and degraded lubricating oil, which together, form an unwanted condensate.

This condensate wears tools and other pneumatic machinery, blocks valves and ports and also corrodes piping.

This results in high maintenance costs and product spoilage which can bring the production process to an extremely expensive standstill.



TOPRING offers an extensive range of condensate management solutions

S56 • Water Separators

S53 • Compressed Air Filters

S49 • Refrigerant Air Dryers

S59 • Condensate Drains

S57 • Water / Oil Separators

S09 • Air Tank and Compressor Safety Check Valves



A well planned project will ensure maximum safety, performance and efficiency of your air piping system.

GROUP 1

COMPRESSED AIR TREATMENT

- S56 • Water Separators
- S53 • Compressed Air Filters
- S49 • Refrigerant Air Dryers
- S59 • Condensate Drains
- S57 • Water / Oil Separators
- S09 • Air Tank and Compressor Safety Check Valves

GROUP 2

COMPRESSED AIR PIPING SYSTEMS

- S08-07-05 • Compressed Air Piping Systems
- S65 • Ball Valves
- S47 • Manifolds

GROUP 3

AIR PREPARATION, HOSES AND COUPLERS

- AIR PREPARATION (FRL)
- S50-51-52 • Filters, Regulators and Lubricators
 - S54 • Desiccant Air Dryers and Regenerative Air Dryers
 - S55 • Pressure Gauges

HOSES AND HOSE REELS

- S58 • HOSEGUARD Safety Valves
- S11-14-17-19 • Self-Storing Hoses
- S70-71-72-73-74-75-77-78 • Flexible Hoses
- S79 • Hose Reels

COUPLERS

- S20-21-22-23-24-25-26-27-30-31 • Quick Couplers
- S28-29 • Straight Through and Hydraulic Couplers
- S41 • Brass Fittings
- S48 • Hose Clamps

GROUP 4

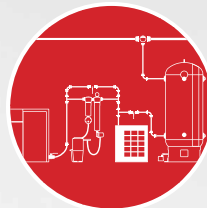
COMPRESSED AIR TOOLS

- S60 • Blow Guns
- S61 • Specialized Compressed Air Guns
- S63 • Tire Inflation Tools
- S66 • Personal Safety Cleaning Units
- S67 • Compressed Air Vacuums
- S68 • Air Amplifiers
- S62 • Air Tools Accessories
- S64 • Tool Balancers
- S69 • Air Tool and Compressor Oils

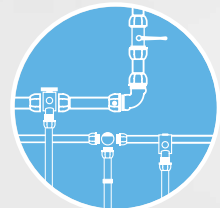
GROUP 5

FLUID POWER

- S32-33-34-35-36-37-38 • Pneumatic Tubing
- S39-40-42-43-44-46 • Push-to-Connect Fittings
- S80 • Air Control Valves
- S81-83 • Pneumatic Cylinders NFPA
- S85 • Flow Control Valves and Valves
- S86 • Pneumatic Mufflers



GROUP 1
COMPRESSED AIR
TREATMENT

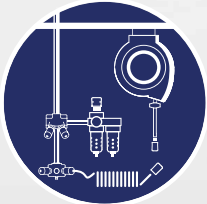


GROUP 2
COMPRESSED AIR PIPING
SYSTEMS

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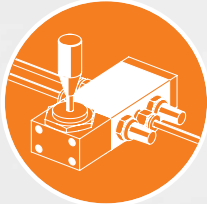
GROUP 3

AIR PREPARATION,
HOSES AND COUPLERS



GROUP 4

COMPRESSED AIR
TOOLS



GROUP 5

FLUID
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