Self Sealed Duct Fittings Catalog

BULLET BAND™

SELF SEALED DUCT FITTINGS

From DUCTMATE®

Table of Contents

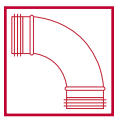
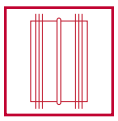
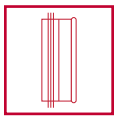
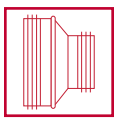
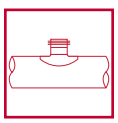
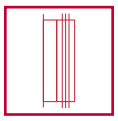
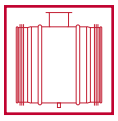
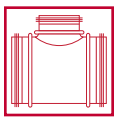
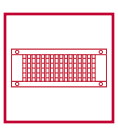
PAGE	
2	Duct System Leakage Classification
3	Assembly Instructions
4	Bullet Band Gasket And Material Specifications
5	Tolerance, Gauge, And e-Dimension Specifications

BULLET BAND™ SELF SEALED DUCT FITTINGS

GASKETED

BULLET BAND™ DUCT FITTINGS

NON-GASKETED

GASKETED PAGE	GASKETED		NON-GASKETED	NON-GASKETED PAGE
		ELBOWS		
6	90° 1.5x Radius Elbow		90° 1.5x Radius Elbow	18
7	90° 1.0x Radius Elbow		90° 1.0x Radius Elbow	19
8	45° 1.5x Radius Elbow		45° 1.5x Radius Elbow	20
9	45° 1.0x Radius Elbow		45° 1.0x Radius Elbow	21
10	30° 1.0x Radius Elbow		30° 1.0x Radius Elbow	22
11	15° 1.0x Radius Elbow		15° 1.0x Radius Elbow	23
		COUPLINGS		
12	Duct Coupling		Duct Coupling	24
			Fitting Coupling	24
		END CAPS		
12	Duct Cap		Duct Cap	25
			Fitting Cap	25
		REDUCERS		
13	Concentric Reducer		Concentric Reducer	26
		TAPS		
14	Saddle Tap		Saddle Tap	27
		TAKE-OFFS		
15	Starting Collar		Starting Collar	28
15	Bellmouth Take-Off		Bellmouth Take-Off	28
		DAMPER		
16	Balancing Damper		Balancing Damper	29
		TEES		
17	Tees		Tees	30
		REGISTERS & BULK		
31	Duct-Mounted Register		Bulk Packaging	32

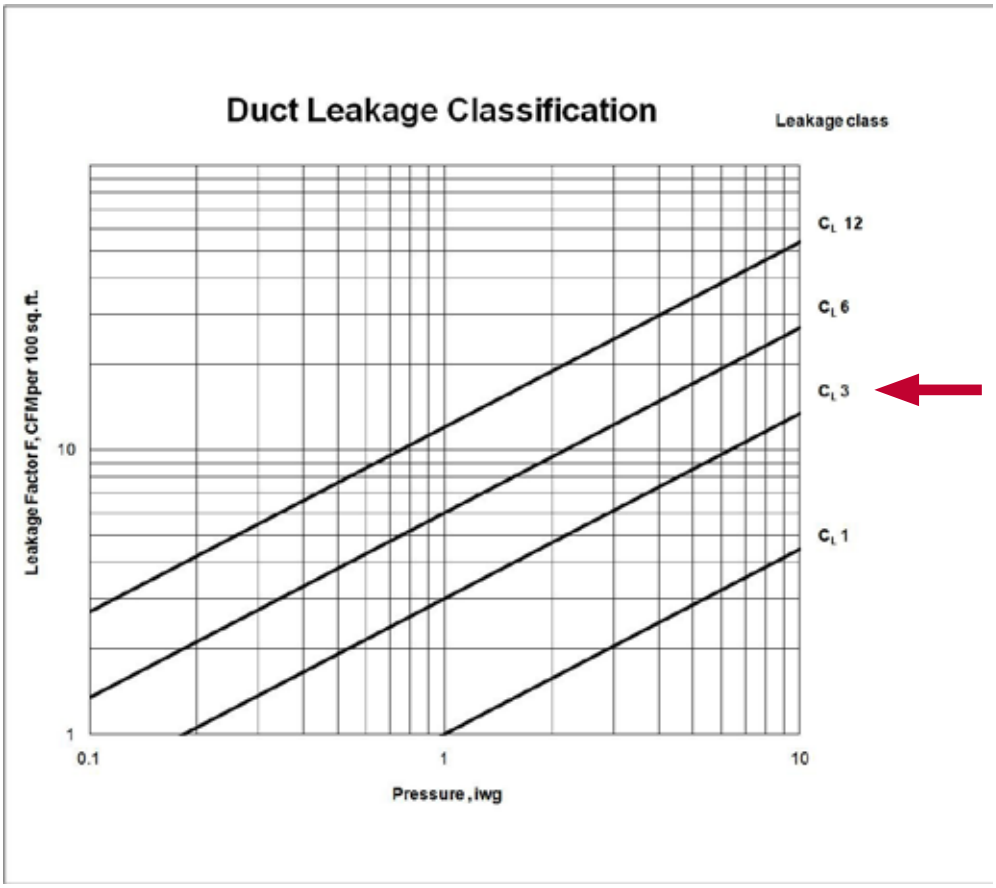
Duct System Leakage Classification

The graph below represents a selected series of leakage classes as defined by the formula $C_L=F/P^{0.65}$. The formula defines leakage class as the relationship between leak rate, duct surface area, and pressure.

Since the calculation of leakage class is based on several relevant factors, leakage class is a comprehensive method of assigning allowable leakage rates. This enables the designer to address all major system factors by simply assigning a leakage class.

Ductmate Bullet Band meets ASHRAE's Leakage Class 3 requirements without the use of any duct sealants, when installed on corresponding tolerance spiral duct.

Bullet Band Meets SMACNA's Leakage Class 3 Requirements



F = Leak rate per unit of duct surface (cfm/100 sq. ft.)
C_L = Leakage Class
P = Static pressure (iwg)

Assembly Instructions

Preparations For Assembly

- Check that all ductwork to be used in the system is Ductmate Bullet Band and is undamaged. All Ductmate Bullet Band fittings must be used with calibrated spiral duct certified by Ductmate Industries.
- Do not use any ductwork that has been damaged in such a way that it may jeopardize the air tightness or structural strength of the system.
- Store all ductwork in a well organized and weather proof storage area to minimize the risk of damage.
- Cut all spiral duct at right angles and carefully remove any burrs from the cut edges. Installation is easier and the risk of damaging the gasket is reduced if there are no burrs.

Assembly

1. Start by inserting the turned-over edge of the fitting into the spiral duct (figure 1).
2. Check that the first lip of the gasket is in contact with the edge of the spiral duct all the way around and sticks straight out so that the lip is not twisted in one direction or the other.
3. Push the end of the fitting into the spiral duct. Turning the fitting slightly aids insertion. Removal, if necessary, is also aided by turning (figure 2)
4. Secure the fitting in the spiral duct using self-tapping screws or airtight pop rivets. Quantities and sizes to be used are shown in the table below. Do not use more fasteners than specified.
5. Fasteners should be positioned 1/2 inch from the bead stop to prevent damage to the gasket (figure 3).

Spiral Pipe Dia. (in)	Screw Dia. (in)	Quantity
3-5	1/8	2
6-10	1/8	3
12-24	1/8	4
26-50	1/8	6
52-60	1/8	8

6. Placement of the fastening screws should be opposite from one another evenly spaced around the circumference, much like the procedure for tightening lug nuts on a tire. Start where the distance between the spiral duct and the fitting is largest (figure 4).

Carefully seal any holes left by measurements, removed screws, pop rivets, etc.

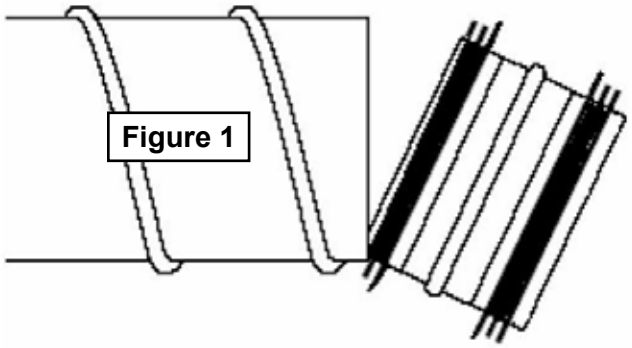


Figure 1

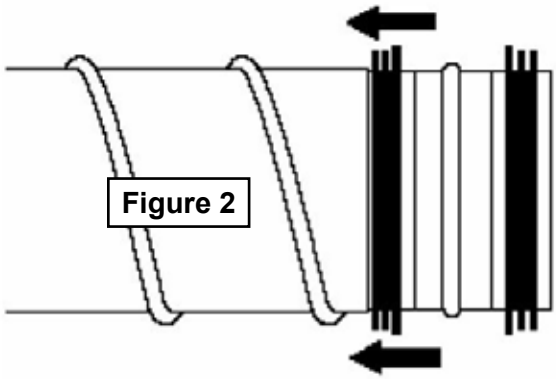


Figure 2

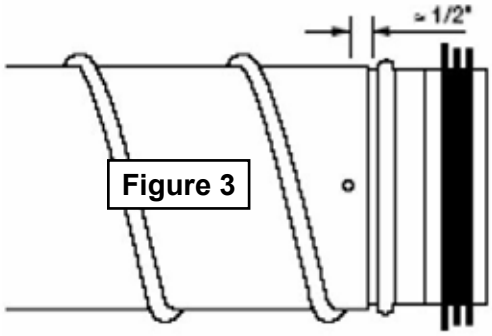


Figure 3

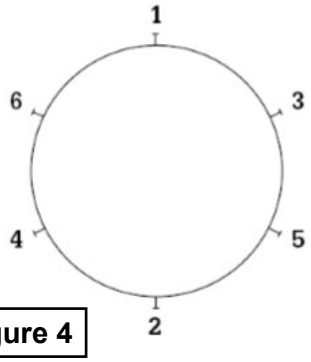


Figure 4

Gasket And Material Specifications

DESIGN BY DIAMETER

Gasket connection for diameters 24" and smaller

GASKET SIZE BY DIAMETER

Size	7	9	11	14
Dia (inch)	3-7	8-11	12-20	22-24

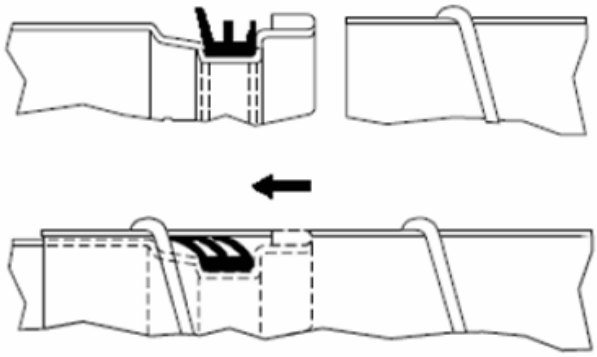
Ductmate's Bullet Band self-sealing duct system is based on a triple-lip profile, EPDM rubber gasket. This gasket is located in a groove at the end of the fitting. This design ensures that the rubber gasket is always held in the correct position.

When the fitting is inserted into the spiral duct, the gasket folds back forming a seal against the inside of the spiral duct eliminating the need for any duct sealer.

In order to achieve optimum sealing for all diameters, various gasket sizes as the fitting's diameter increases. The gasket is made from a material resistant to ozone, UV rays, and temperature fluctuations.

Benefits of the Bullet Band Duct System

- Factory installed gasket - no loose parts
- Fast and easy installation
- Installation not contingent on weather
- Performance rated from -20ºF to +212ºF
- Triple-lipped gasket minimizes the risk of leakage with corresponding tolerance spiral duct in the event of damage
- Tested to SMACNA's Leakage Class 3
- Gasket U.L. classified rating in accordance with ASTM standard E84-91a
- Rolled over edges for easier installation, reduces risk of injury and adds strength
- Adjustability - fittings can be rotated 360º during installation and still maintain the seal's integrity



MATERIAL

- Galvanized steel conforming to ASTM standards A653 and A924

• SURFACE FINISH

- Galvanized steel (galvanized in accordance with latest SMACNA HVAC Duct Construction Standards).

THICKNESS

Material thickness constructed from galvanized steel in accordance with the latest SMACNA's HVAC Duct Construction Standards for +10" water gauge pressure. Consult factory for negative pressure systems.

CONSTRUCTION

Fittings shall be manufactured using one or more of the following construction methods:

- Overlapped edges stitch welded along the entire length of the fitting
- Standing seam gore locked and internally sealed
- Button punched and internally sealed
- Elbows 3" through 12" diameter will be die stamped and continuously stitch welded.

CONNECTIONS

Fitting ends shall be sized to slip-fit into spiral duct of the same nominal size. Fitting to fitting connections shall be made by use of duct size "CF" couplings. Duct to duct connections require fitting size "CD" couplings.

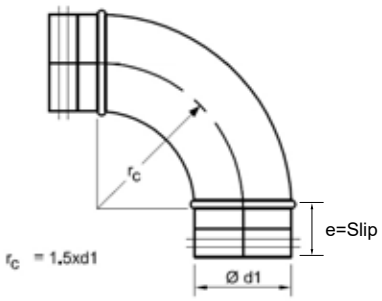
JOINT SEALING

Fitting ends are equipped with factory installed, triple-lipped profile gaskets. When installed with corresponding tolerance spiral duct per manufacturer's installation instructions, the gasket creates a seal against the interior of the spiral duct. The system tightness shall be factory warranted to meet SMACNA's Leakage Class 3 performance. If no gasket is used, all joints must be sealed by the installer during the installation process. The type of sealant used as well as the method and level of application should be as directed by the specification and in accordance with the sealant manufacturer's published installation instructions.

GASKET

The gasket shall be EPDM rubber. The gasket is located in a groove at the end of the fitting and securely fastened by a means of high performance glue. In order to achieve optimum sealing for all diameters, different size gaskets shall be used. The gasket shall be classified by Underwriters Laboratories for flame spread and smoke developed 0 / 0 in accordance with ASTM E84-91a. A silicone gasket meeting the same performance may be offered by duct manufacturer for special applications.

Tolerance, Gauge, & e-Dimension



Tolerances for Fittings

Ødx (inch)	Ødx Tolerance (inch) min.- max.	t* (gauge)	Stamped t** (gauge)	Fabricated t** (gauge)	e=Slip (inch)
3	2.902 - 2.917	28	24	------	1.625
4	3.902 - 3.917	28	24	------	1.625
5	4.902 - 4.917	28	24	------	1.625
6	5.898 - 5.917	28	24	------	1.625
7	6.894 - 6.913	28	24	------	1.625
8	7.890 - 7.913	28	24	------	1.625
9	8.886 - 8.909	28	24	------	1.625
10	9.882 - 9.909	28	24	------	2.375
11	10.882 - 10.909	28	24	------	2.375
12	11.882 - 11.909	28	24	------	2.375
14	13.878 - 13.909	28	------	24	2.375
16	15.862 - 15.898	26	------	24	3.125
18	17.862 - 17.898	26	------	24	3.125
20	19.858 - 19.898	24	------	24	3.125
22	21.858 - 21.898	24	------	24	3.125
24	23.854 - 23.898	24	------	24	3.125

* In accordance with the latest SMACNA HVAC Duct Construction Standards for +10" wg
** Ductmate Industries Manufacturing Standard
"------" = Not currently available

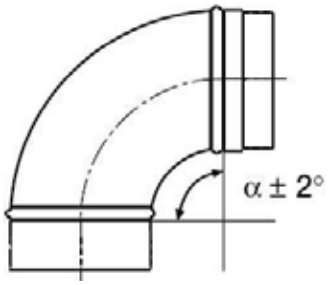
Length Tolerances:

Length (inch)	Tolerances (inch)
1 - 10	± ⅜
12 - 16	± ⅝
18 - 24	± ¾

Weight Tolerances: ±10%

Thickness Tolerances: ±10%

Angular Tolerances:

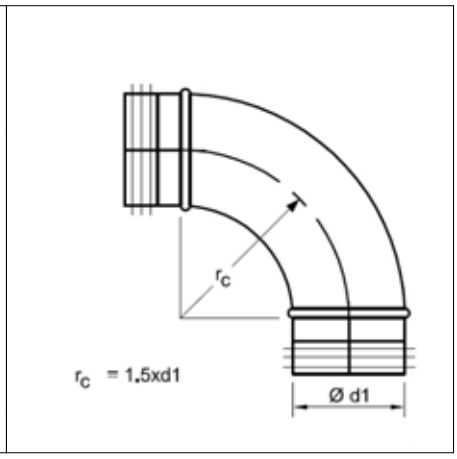


Surface/Finish

G90 construction.

Gasketed Stamped

Part Designation - E



Gasketed	Diameter Ød1	Designation	Degree	Alloy	Gauge
G	03 - 12	E	90	G9	24

Order Example: G - 03 - E - 90 - G9 - 24
G03E90G924

Description

1.5x radius stamped 90° elbow

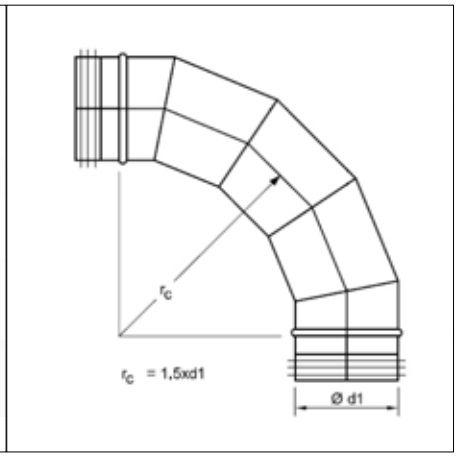
- Diameters 3”- 12”
- Triple, wiper EPDM rubber gasket
- Continuous stitch welded
- Hemmed edges
- 24ga G90 steel construction

Part Designation	Ød1 (Inch)	Angle	Box Qty
G03E90G924	3	90	40*
G04E90G924	4	90	18*
G05E90G924	5	90	30*
G06E90G924	6	90	20*
G07E90G924	7	90	50
G08E90G924	8	90	32
G09E90G924	9	90	25
G10E90G924	10	90	16
G12E90G924	12	90	10

See price guide
Family code 31 Item group 11
**Bulk packaging available see page 31*

Gasketed Gored

Part Designation - E



Gasketed	Diameter Ød1	Designation	Degree	Alloy	Gauge
G	14 - 24	E	90	G9	24

Order Example: G - 14 - E - 90 - G9 - 24
G14E90G924

Description

1.5x radius gore locked 90° elbow

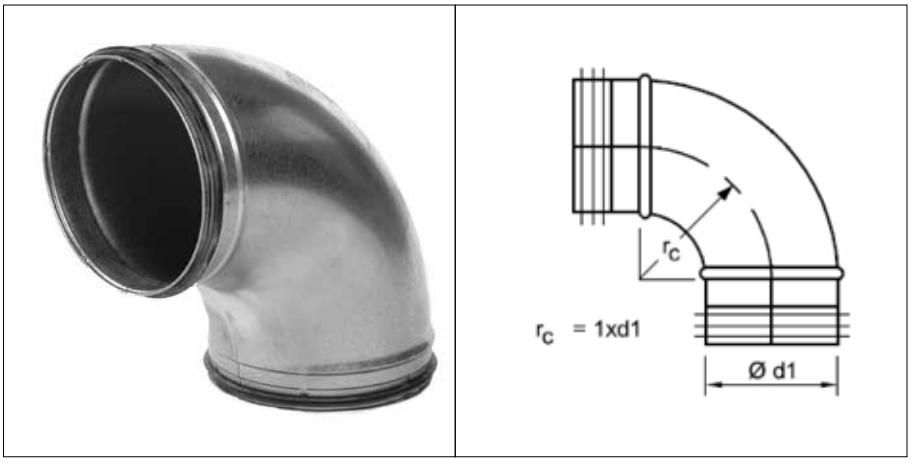
- Diameters 14”- 24”
- Triple, wiper EPDM rubber gasket
- 4-piece gored, standing seam
- Internally sealed gored locks
- 24ga G90 construction

Part Designation	Ød1 (Inch)	Angle	Box Qty
G14E90G924	14	90	5
G16E90G924	16	90	5
G18E90G924	18	90	4
G20E90G924	20	90	1
G22E90G924	22	90	1
G24E90G924	24	90	1

See price guide
Family code 31 Item group 11

Gasketed Stamped

Part Designation - ER



Gasketed	Diameter Ød1	Designation	Degree	Alloy	Gauge
G	03 - 12	ER	90	G9	24

Order Example: G - 03 - ER - 90 - G9 - 24
G03ER90G924

Description

1.0x radius stamped 90° elbow

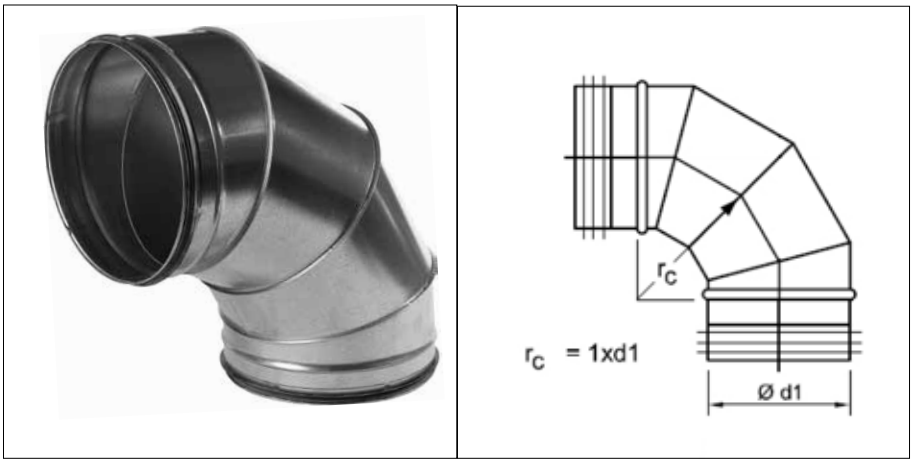
- Diameters 3”- 12”
- Triple, wiper EPDM rubber gasket
- Continuous stitch welded
- Hemmed edges
- 24ga G90 steel construction

Part Designation	Ød1 (Inch)	Angle	Box Qty
G03ER90G924	3	90	20*
G04ER90G924	4	90	20*
G05ER90G924	5	90	30*
G06ER90G924	6	90	25*
G07ER90G924	7	90	18*
G08ER90G924	8	90	12*
G09ER90G924	9	90	35
G10ER90G924	10	90	24
G12ER90G924	12	90	15

See price guide
Family code 31 Item group 11
**Bulk packaging available see page 31*

Gasketed Gored

Part Designation - ER



Gasketed	Diameter Ød1	Designation	Degree	Alloy	Gauge
G	14 - 24	ER	90	G9	24

Order Example: G - 14 - ER - 90 - G9 - 24
G14ER90G924

Description

1.0x radius gore locked 90° elbow

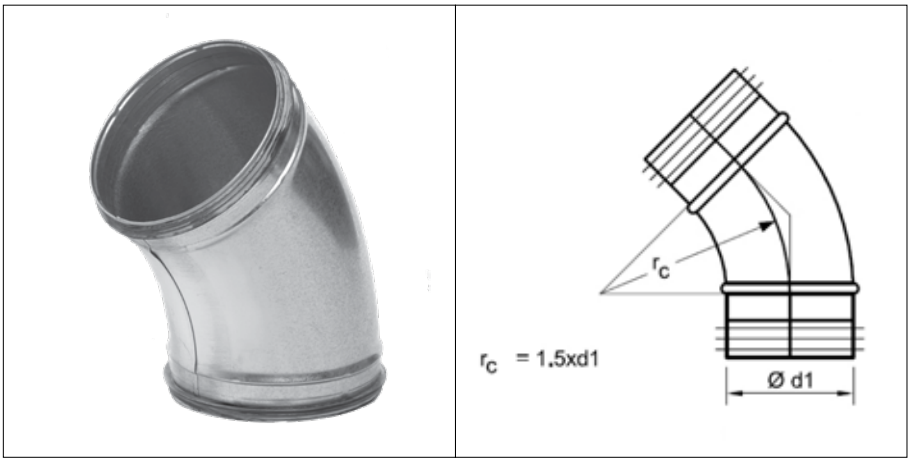
- Diameters 14”- 24”
- Triple, wiper EPDM rubber gasket
- 4-piece gored, standing seam
- Internally sealed gored locks
- 24ga G90 construction

Part Designation	Ød1 (Inch)	Angle	Box Qty
G14ER90G924	14	90	6
G16ER90G924	16	90	5
G18ER90G924	18	90	4
G20ER90G924	20	90	1
G22ER90G924	22	90	1
G24ER90G924	24	90	1

See price guide
Family code 31 Item group 11

Gasketed Stamped

Part Designation - E



Gasketed	Diameter Ød1	Designation	Degree	Alloy	Gauge
G	03 - 12	E	45	G9	24

Order Example: G - 03 - E - 45 - G9 - 24

G03E45G924

Description

1.5x radius stamped 90° elbow

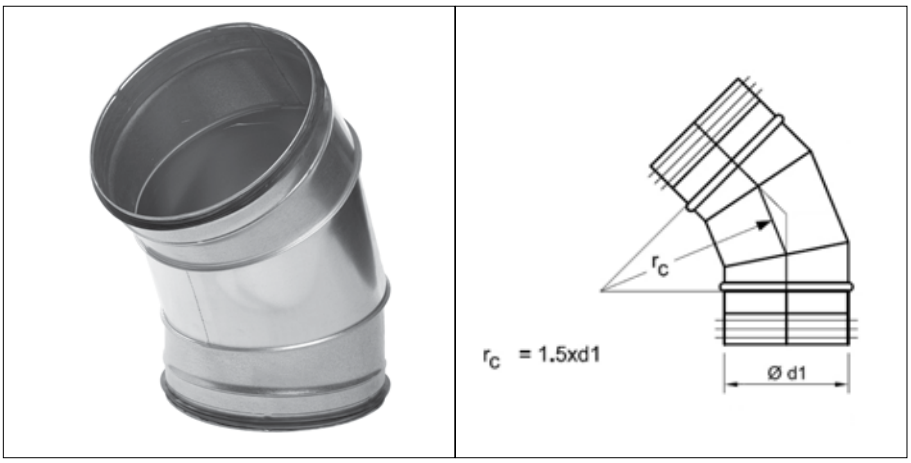
- Diameters 3”- 12”
- Triple, wiper EPDM rubber gasket
- Continuous stitch welded
- Hemmed edges
- 24ga G90 steel construction

Part Designation	Ød1 (Inch)	Angle	Box Qty
G03E45G924	3	45	30*
G04E45G924	4	45	30*
G05E45G924	5	45	35*
G06E45G924	6	45	30*
G07E45G924	7	45	20*
G08E45G924	8	45	15*
G09E45G924	9	45	10*
G10E45G924	10	45	25
G12E45G924	12	45	20

See price guide
Family code 31 Item group 12
**Bulk packaging available see page 31*

Gasketed Gored

Part Designation - E



Gasketed	Diameter Ød1	Designation	Degree	Alloy	Gauge
G	14 - 24	E	45	G9	24

Order Example: G - 14 - E - 45 - G9 - 24

G14E45G924

Description

1.5x radius gore locked 90° elbow

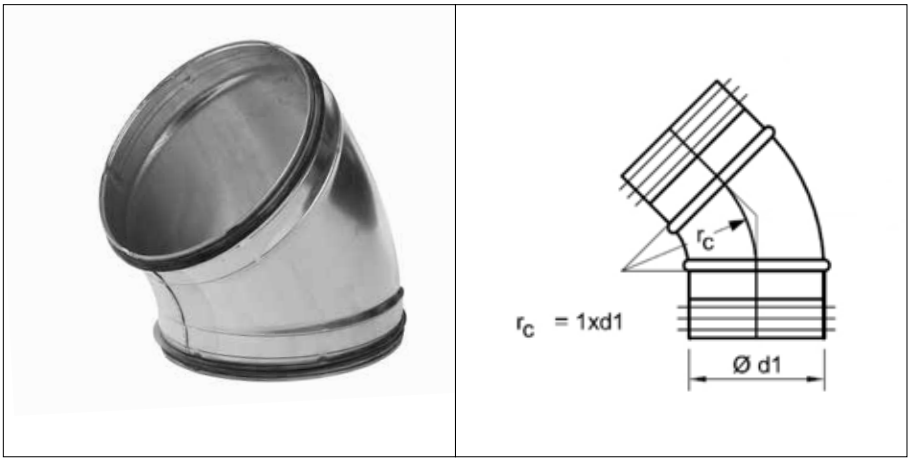
- Diameters 14”- 24”
- Triple, wiper EPDM rubber gasket
- 3-piece gored, standing seam
- Hemmed edges
- 24ga G90 construction

Part Designation	Ød1 (Inch)	Angle	Box Qty
G14E45G924	14	45	10
G16E45G924	16	45	6
G18E45G924	18	45	5
G20E45G924	20	45	1
G22E45G924	22	45	1
G24E45G924	24	45	1

See price guide
Family code 31 Item group 12

Gasketed Stamped

Part Designation - ER



Gasketed	Diameter Ød1	Designation	Degree	Alloy	Gauge
G	03 - 12	ER	45	G9	24

Order Example: G - 03 - ER - 45 - G9 - 24

G03ER45G924

Description

1.0x radius stamped 90° elbow

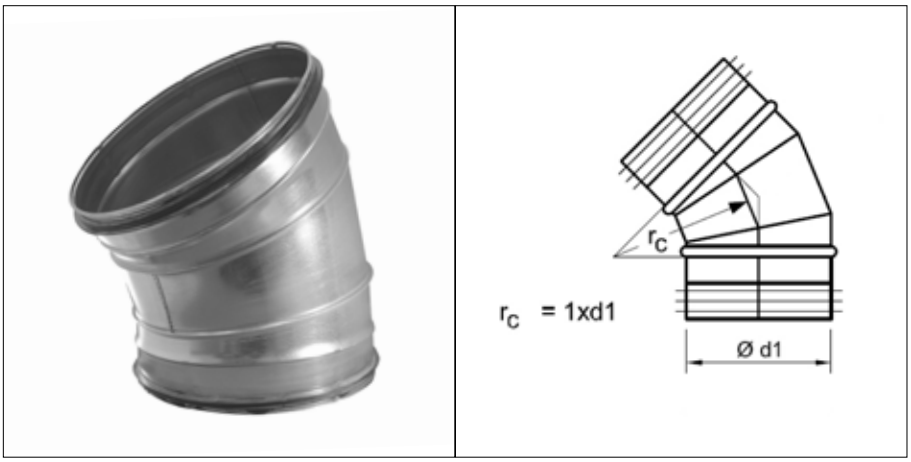
- Diameters 3”- 12”
- Triple, wiper EPDM rubber gasket
- Continuous stitch welded
- Hemmed edges
- 24ga G90 steel construction

Part Designation	Ød1 (Inch)	Angle	Box Qty
G03ER45G924	3	45	30*
G04ER45G924	4	45	40*
G05ER45G924	5	45	45*
G06ER45G924	6	45	30*
G07ER45G924	7	45	30*
G08ER45G924	8	45	20*
G09ER45G924	9	45	14*
G10ER45G924	10	45	10*
G12ER45G924	12	45	25

See price guide
Family code 31 Item group 12
**Bulk packaging available see page 31*

Gasketed Gored

Part Designation - ER



Gasketed	Diameter Ød1	Designation	Degree	Alloy	Gauge
G	14 - 24	ER	45	G9	24

Order Example: G - 14 - ER - 45 - G9 - 24

G14ER45G924

Description

1.0x radius gore locked 90° elbow

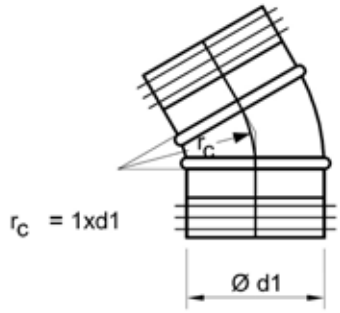
- Diameters 14”- 24”
- Triple, wiper EPDM rubber gasket
- 3-piece gored, standing seam
- Hemmed edges
- 24ga G90 construction

Part Designation	Ød1 (Inch)	Angle	Box Qty
G14ER45G924	14	45	12
G16ER45G924	16	45	10
G18ER45G924	18	45	6
G20ER45G924	20	45	1
G22ER45G924	22	45	1
G24ER45G924	24	45	1

See price guide
Family code 31 Item group 12

Gasketed Stamped

Part Designation - ER



Gasketed	Diameter Ød1	Designation	Degree	Alloy	Gauge
G	03 - 12	ER	30	G9	24

Order Example: G - 04 - ER - 30 - G9 - 24

G04ER30G924

Description

1.0x radius die stamped 30° elbow

- Diameters 3”- 12”
- Triple, wiper EPDM rubber gasket
- Continuous stitch welded
- Hemmed edges
- 24ga G90 steel construction

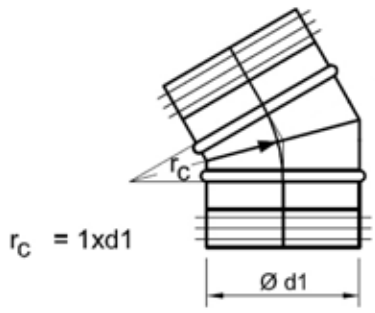
Part Designation	Ød1 (Inch)	Angle	Box Qty
G03ER30G924	3	30	10
G04ER30G924	4	30	20
G05ER30G924	5	30	28
G06ER30G924	6	30	17
G07ER30G924	7	30	10
G08ER30G924	8	30	10
G09ER30G924	9	30	10
G10ER30G924	10	30	10
G12ER30G924	12	30	10

* Consult Factory For Availability

See price guide
Family code 31 Item group 13

Gasketed Gored

Part Designation - ER



Gasketed	Diameter Ød1	Designation	Degree	Alloy	Gauge
G	14 - 24	ER	30	G9	24

Order Example: G - 14 - ER - 30 - G9 - 24

G14ER30G924

Description

1.0x radius gore locked 30° elbow

- Diameters 14”- 24”
- Triple, wiper EPDM rubber gasket
- 2-piece gored, standing seam
- Hemmed edges
- 24ga G90 construction

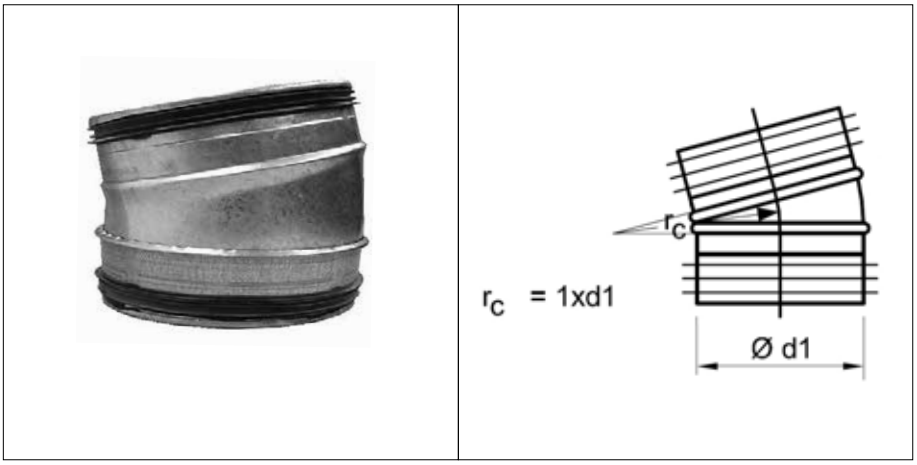
Part Designation	Ød1 (Inch)	Angle	Box Qty
G14ER30G924	14	30	10
G16ER30G924	16	30	5
G18ER30G924	18	30	5
G20ER30G924	20	30	5
G22ER30G924	22	30	2
G24ER30G924	24	30	2

* Consult Factory For Availability

See price guide
Family code 31 Item group 13

Gasketed Stamped

Part Designation - ER



Gasketed	Diameter Ød1	Designation	Degree	Alloy	Gauge
G	03 - 12	ER	15	G9	24

Order Example: G - 04 - ER - 15 - G9 - 24

G04ER15G924

Description

1.0x radius die stamped 15° elbow

- Diameters 3”- 12”
- Triple, wiper EPDM rubber gasket
- Continuous stitch welded
- Hemmed edges
- 24ga G90 steel construction

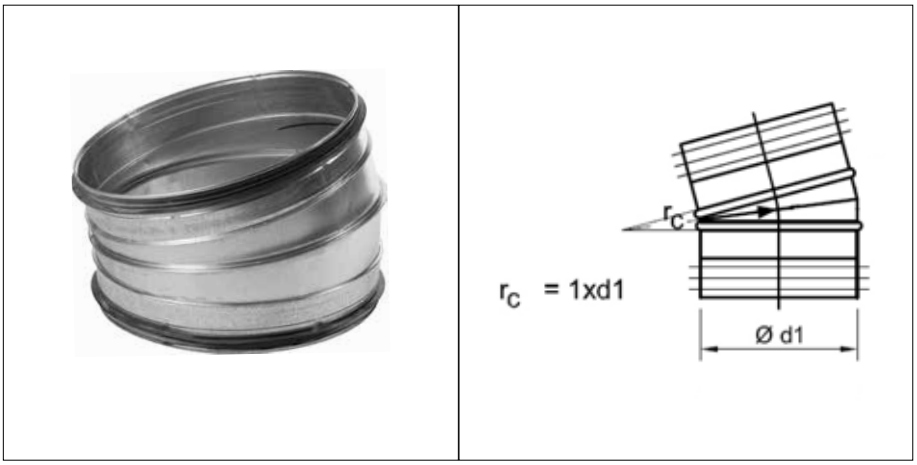
Part Designation	Ød1 (Inch)	Angle	Box Qty
G03ER15G924	3	15	10
G04ER15G924	4	15	20
G05ER15G924	5	15	10
G06ER15G924	6	15	10
G07ER15G924	7	15	10
G08ER15G924	8	15	10
G09ER15G924	9	15	10
G10ER15G924	10	15	10
G12ER15G924	12	15	10

* Consult Factory For Availability

See price guide
Family code 31 Item group 13

Gasketed Gored

Part Designation - ER



Gasketed	Diameter Ød1	Designation	Degree	Alloy	Gauge
G	14 - 24	ER	15	G9	24

Order Example: G - 14 - ER - 15 - G9 - 24

G14ER15G924

Description

1.0x radius gore locked 15° elbow

- Diameters 14”- 24”
- Triple, wiper EPDM rubber gasket
- 2-piece gored, standing seam
- Hemmed edges
- 24ga G90 construction

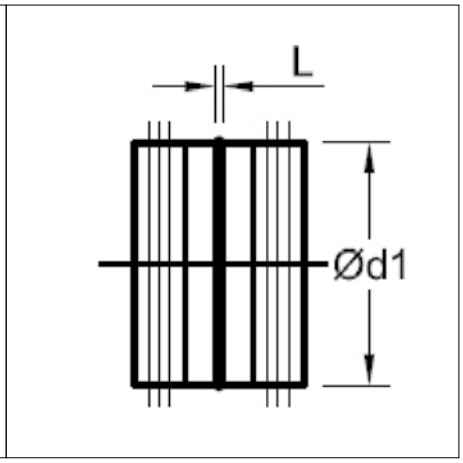
Part Designation	Ød1 (Inch)	Angle	Box Qty
G14ER15G924	14	15	10
G16ER15G924	16	15	5
G18ER15G924	18	15	5
G20ER15G924	20	15	2
G22ER15G924	22	15	2
G24ER15G924	24	15	1

* Consult Factory For Availability

See price guide
Family code 31 Item group 13

Gasketed Duct Coupling

Part Designation - CD



Gasketed	Diameter Ød1	Designation	Alloy	Gauge
G	03 - 24	CD	G9	24

Order Example: G - 03 - CD - G9 - 24

G03CDG924

Description

Coupling

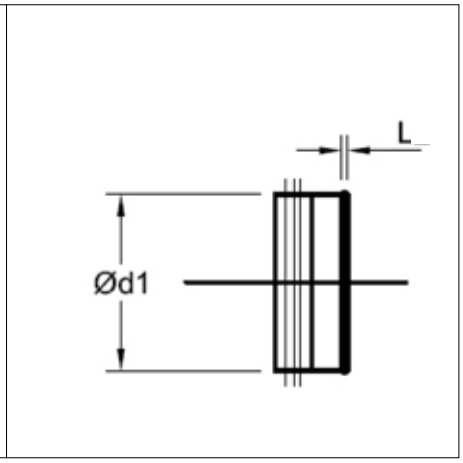
- Fabricated construction
- Triple, wiper EPDM rubber gasket
- Used for joining spiral duct
- "L" dimensions =
  ⅜", when Ød1 = 3" - 20"
  ½", when Ød1 = 22" - 24"

Part Designation	Ød1 (Inch)	Box Qty
G03CDG924	3	10*
G04CDG928	4	50*
G05CDG928	5	20*
G06CDG928	6	60*
G07CDG928	7	10*
G08CDG924	8	40*
G09CDG928	9	15*
G10CDG924	10	15*
G11CDG924	11	15*
G12CDG924	12	20*
G14CDG924	14	15
G16CDG924	16	40
G18CDG924	18	35
G20CDG924	20	25
G22CDG924	22	18
G24CDG924	24	16

See price guide
Family code 31 Item group 14
**Bulk packaging available see page 31*

Gasketed Duct End Cap

Part Designation - ED



Gasketed	Diameter Ød1	Designation	Alloy	Gauge
G	03 - 24	ED	G9	24

Order Example: G - 03 - ED - G9 - 24

G03EDG924

Description

Duct end cap

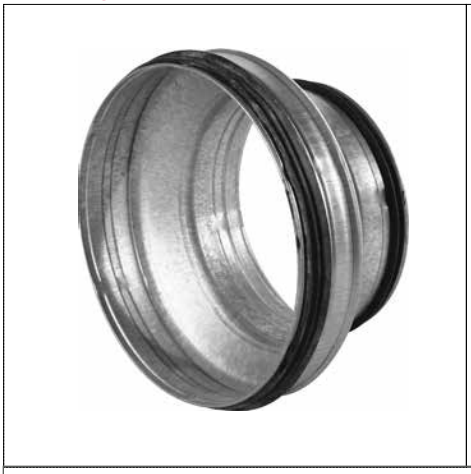
- Used for closing off spiral duct
- Triple, wiper EPDM rubber gasket
- 24ga G90 steel construction
- "L" dimensions =
  ⅜", when Ød1 = 3" - 20"
  ½", when Ød1 = 22" - 24"

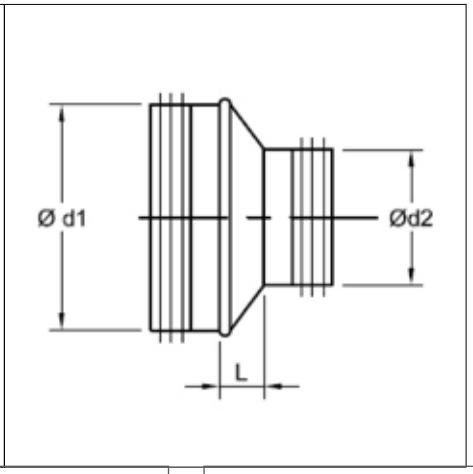
Part Designation	Ød1 (Inch)	Box Qty
G03EDG924	3	20
G04EDG924	4	50
G05EDG924	5	20
G06EDG924	6	60
G07EDG924	7	30
G08EDG924	8	30
G09EDG924	9	20
G10EDG924	10	34
G11EDG924	11	10
G12EDG924	12	20
G14EDG924	14	25
G16EDG924	16	18
G18EDG924	18	14
G20EDG924	20	10
G22EDG924	22	1
G24EDG924	24	1

See price guide
Family code 31 Item group 15

Gasketed Reducer

Part Designation - RC





Description

Concentric reducer

- Stamped & fabricated
- Triple, wiper EPDM rubber gasket
- Constructed with G90 steel
- See chart for availability and dimensions

STAMPED

Part Designation	Ød1 (Inch)	Ød2 (Inch)	L	Box Qty
G04RC03G924	4	3	¾"	10
G05RC03G924	5	3	1"	10
G05RC04G924	5	4	⅞"	25
G06RC04G924	6	4	1¼"	14
G06RC05G924	6	5	¾"	12
G07RC04G924	7	4	2"	30
G07RC05G924	7	5	1½"	30
G07RC06G924	7	6	1"	30
G08RC04G924	8	4	2¼"	20
G08RC05G924	8	5	1⅝"	20
G08RC06G924	8	6	1¼"	30
G08RC07G924	8	7	¾"	20
G09RC06G924	9	6	4	1
G09RC08G924	9	8	1⅛"	10
G10RC06G924	10	6	2¼"	12
G10RC08G924	10	8	1⅛"	12
G10RC09G924	10	9	⅝"	12
G12RC08G924	12	8	2⅛"	22
G12RC10G924	12	10	1⅛"	25
G14RC10G924	14	10	2⅜"	15
G14RC12G924	14	12	1⅜"	16
G16RC10G924	16	10	3"	12

See price guide
Family code 31 Item group 16

FABRICATED

Part Designation	Ød1 (Inch)	Ød2 (Inch)	L	Box Qty
G09RC06G926	9	6	4"	10
G10RC05G926	10	5	5"	12
G10RC07G926	10	7	4"	10
G12RC06G926	12	6	6"	12
G14RC08G924	14	8	6"	15
G16RC08G924	16	8	8"	12
G16RC12G924	16	12	4"	12
G16RC14G924	16	14	4"	10
G18RC14G924	18	14	4"	8
G18RC16G924	18	16	4"	10
G20RC16G924	20	16	4"	8
G20RC18G924	20	18	4"	6
G22RC20G924	22	20	4"	20

Part Designation	Ød1 (Inch)	Ød2 (Inch)	L	Box Qty
G18RC06G924	18	6	12"	1
G18RC08G924	18	8	10"	1
G18RC10G924	18	10	8"	1
G18RC12G924	18	12	6"	1
G20RC10G924	20	10	10"	1
G20RC12G924	20	12	8"	1
G20RC14G924	20	14	6"	1
G22RC18G924	22	18	4"	1
G24RC10G924	24	10	14"	1
G24RC12G924	24	12	12"	1
G24RC14G924	24	14	10"	1
G24RC16G924	24	16	8"	1
G24RC18G924	24	18	6"	1
G24RC20G924	24	20	4"	1

Gasketed	*Diameter Ød1*	*Designation*	*Diameter Ød2*	*Alloy*	*Gauge*
G	04 - 24	RC	03 - 22	G9	24. 26

Order Example: G - 04 - RC - 03 - G9 - 24

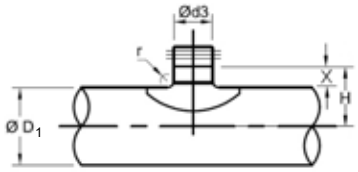
G04RC03G924

See price guide
Family code 31 Item group 16

Gasketed Saddle Tap

Part Designation - PS

Pressed Construction



Description

Saddle tap

- Stamped taps have radius entry, and are available in Ød3 (tap diameters) 3” - 16”
- Triple, wiper EPDM rubber gasket
- Stamped construction unless noted in “Fabricated Sized” chart below
- 24ga G90 steel construction
- H = X + 0.5 (ØD)

Stamped				
Part Designation	Ød1 (Inch)	Ød3 (Inch)	X (Inch)	Box Qty
G03PS04G924	3	4	⅜”	10
G03PS05G924	3	5	¾”	10
G03PS7-6G924	3	6-7	⅜”	10
G04PS04G924	4	4	¾”	10
G04PS05G924	4	5	¾”	18
G04PS06G924	4	6	¾”	18
G04PS8-7G924	4	8-7	¾”	18
G04PS10-9G924	4	10-9	¾”	18
G04PS12G924	4	12	¾”	18
G04PS24-14G924	4	14-24	¾”	18
G05PS05G924	5	5	¾”	10
G05PS06G924	5	6	¾”	10
G05PS8-7G924	5	8-7	¾”	10
G05PS10-9G924	5	10-9	¾”	10
G05PS12G924	5	12	¾”	10
G05PS24-14G924	5	14-24	¾”	10
G06PS06G924	6	6	1”	15
G06PS8-7G924	5	8-7	1”	22
G06PS10-9G924	6	10-9	1”	25
G06PS12G924	6	12	1”	20
G06PS24-14G924	6	24-14	1”	16
G07PS07G924	7	7	1”	10
G07PS08G924	7	8	1”	10

Fabricated				
G14PS14G924	14	14	1”	12
G14PS16G924	14	16	1”	12
G14PS18G924	14	18	1”	12
G14PS20G924	14	20	1”	12
G14PS24-22G924	14	24-22	1"	12

See price guide
Family code 31 Item group 17

Stamped				
Part Designation	Ød1 (Inch)	Ød3 (Inch)	X (Inch)	Box Qty
G08PS08G924	8	8	1”	10
G08PS10-9G924	8	10-9	1”	10
G08PS12G924	8	12	1”	12
G08PS16-14G924	8	16-14	1”	15
G08PS20-18G924	8	20-18	1”	12
G08PS24-22G924	8	20-18	1”	16
G09PS09G924	9	9	1”	10
G09PS10G924	9	10	1”	10
G09PS12G924	9	12	1”	10
G09PS24-14G924	9	24-14	1”	10
G10PS10G924	10	10	1”	10
G10PS12G924	10	12	1”	14
G10PS14G924	10	14	1”	12
G10PS20-16G924	10	20-16	1”	12
G10PS24-22G924	10	24-22	1”	12
G12PS12G924	12	12	1⅛"	12
G12PS14G924	12	14	1⅛"	12
G12PS16G924	12	16	1⅛"	12
G12PS22-18G924	12	22-18	1⅛"	12
G16PS16G924	16	16	¾"	6
G16PS20-18G924	16	20-18	¾"	20
G16PS24-22G924	16	24-22	¾"	20

See price guide
Family code 31 Item group 17

Fabricated Construction

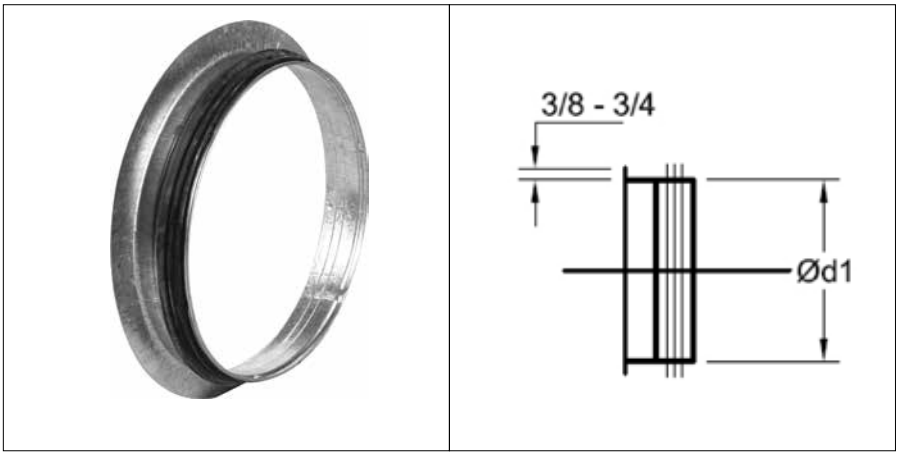
Gasketed	*Diameter Ød1*	*Designation*	*Diameter Ød3*	*Alloy*	*Gauge*
G	03 - 16	PS	08 - 24	G9	24

Order Example: G - 04 - PS - 06 - G9 - 24

G04PS06G924

Gasketed Start Collar

Part Designation - PT



Gasketed	Diameter Ød1	Designation	Alloy	Gauge
G	03 - 24	PT	G9	24, 28

Order Example: G - 06 - PT - G9 - 24

G06PTG924

Description

Starting collar

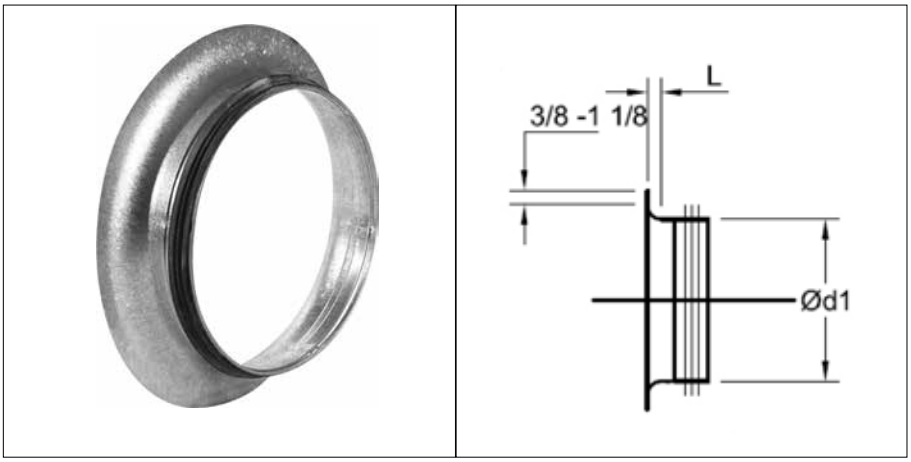
- Available in 3” - 24”
- Triple, wiper EPDM rubber gasket
- Installed on flat side of duct or plenum
- G90 steel construction

Part Designation	Ød1 (Inch)	Box Qty
*G03PTG928	3	10
G04PTG924	4	30
G05PTG924	5	10
G06PTG924	6	35
G07PTG924	7	15
G08PTG924	8	20
*G09PTG924	9	15
G10PTG924	10	30
G11PTG924	11	10
G12PTG924	12	25
G14PTG924	14	20
G16PTG924	16	15
G18PTG924	18	10
G20PTG924	20	10
G22PTG924	22	40
G24PTG924	24	30

See price guide
Family code 31 Item group 18
*Exception

Gasketed Bellmouth

Part Designation - PR



Gasketed	Diameter Ød1	Designation	Alloy	Gauge
G	04 - 16	PR	G9	24

Order Example: G - 04 - PR - G9 - 24

G04PRG924

Description

Bellmouth take-off

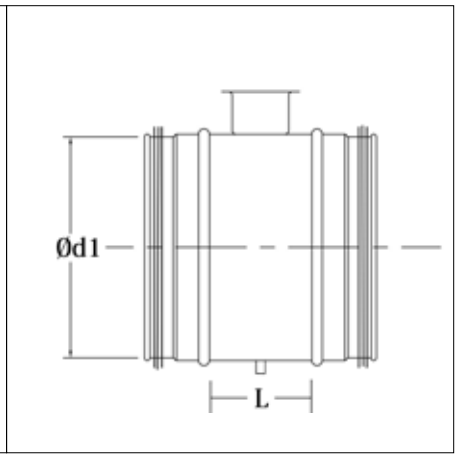
- Available in 4” - 16”
- Triple, wiper EPDM rubber gasket
- Stamped
- Installed on flat side of duct or plenum
- 24ga G90 steel construction

Part Designation	Ød1 (Inch)	Box Qty
G04PRG924	4	30
G05PRG924	5	10
G06PRG924	6	35
G07PRG924	7	15
G08PRG924	8	20
G09PRG924	9	15
G10PRG924	10	30
G12PRG924	12	25
G14PRG924	14	22
G16PRG924	16	15

See price guide
Family code 31 Item group 18

Gasketed Balancing Damper

Part Designation - DS



Part Designation	Ød1 (Inch)	L (Inch)	Shaft mm^2	Box Qty
G3DSG928	3	3.9	8*	10
G4DSG928	4	3.9	8*	10
G5DSG928	5	3.9	8*	18
G6DSG928	6	3.9	8*	12
G7DSG928	7	3.9	8*	10
G8DSG928	8	3.9	8*	15
G9DSG928	9	3.9	8*	10
G10DSG924	10	3.5	8*	16
G10DSG926	10	3.5	8*	16
G12DSG924	12	3.5	8*	10
G12DSG926	12	3.5	8*	10
G14DSG924	14	3.5	8*	10
G14DSG926	14	3.5	8*	10
G16DSG924	16	3.75	8*	6
G18DSG924	18	3.75	8*	4
G20DSG924	20	3.75	8*	4
G22DSG924	22	3.75	8*	12
G24DSG924	24	3.75	8*	10

See price guide
Family code 31 Item group 19

Description

Damper

- Manual balancing
- Triple, wiper EPDM rubber gasket
- Full blade for use in systems where complete shut-off of air flow is not required
- Stabalized shaft bushing to minimize air leakage
- Integral shaft-blade assembly
- 2” insulation stand-off
- Locking blade quadrant w/damper position indicator
- Full fitting body assembly with bead stop

Note: Dampers with Ød1 > 14” equipped with extended handle and a reinforced damper blade.

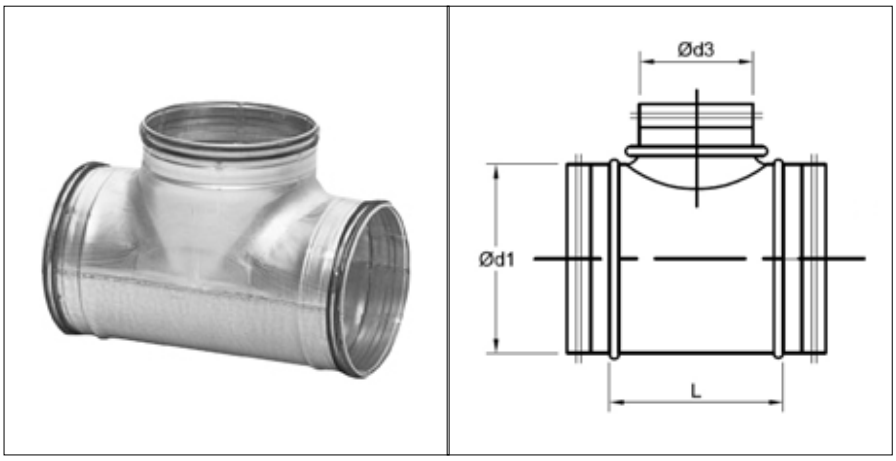
Gasketed	*Diameter Ød1*	*Designation*	*Alloy*	*Gauge*
G	3 - 10 in 1" Increments 12 - 24 in 2” Increments	DS	G9	24, 26, 28

Order Example: G - 4 - DS - G9 - 28

G4DSG928

Gasketed Tee

Part Designation - PS



Description

Assembled tee with
stamped or fabricated PS

- Triple wiper, EPDM rubber
- L = Ød3 + 6"
- G90 Steel

Part Designation	Ød1 (Inch)	Ød3 (Inch)	Box Qty
G04TS04G926	4	4	10
G05TS05G926	5	5	1
G06TS06G926	6	6	18
G07TS07G926	7	7	1
G08TS06G926	8	6	12
G08TS08G926	8	8	8
G09TS09G926	9	9	1
G10TS06G926	10	6	8
G10TS08G926	10	8	8
G10TS10G926	10	10	5
G12TS08G926	12	8	4
G12TS10G926	12	10	3
G12TS12G926	12	12	3
G14TS12G924	14	12	10
G14TS14G924	14	14	8
G16TS16G924	16	16	1
G18TS18G924	18	18	1
G20TS20G924	20	20	1
G22TS22G924	22	22	1
G24TS24G924	24	24	1

See price guide
Family code 31 Item group 20

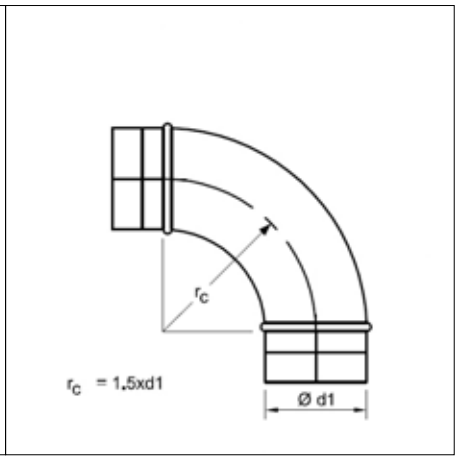
Gasketed	*Diameter Ød3*	*Designation*	*Diameter Ød*	*Alloy*	*Gauge*
G	14	TS	12	G9	24, 26

Order Example: G - 14 -TS - 12 - G9 - 24

G14TS12G924

Stamped

Part Designation - E



Nongasketed	Diameter Ød1	Designation	Degree	Alloy	Gauge
N	03 - 12	E	90	G9	24

Order Example: N - 03 - E - 90 - G9 - 24

N03E90G924

Description

1.5x radius stamped 90° elbow

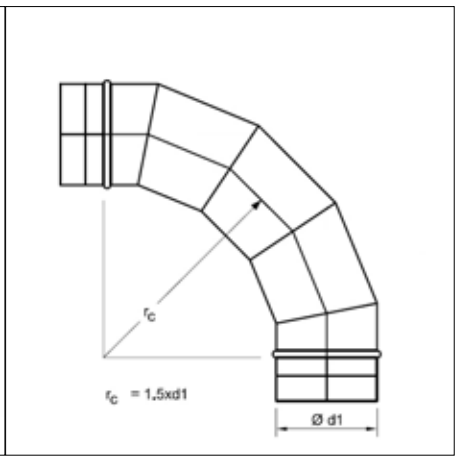
- Diameters 3”- 12”
- Continuous stitch welded
- Hemmed edges
- 24ga G90 steel construction

Part Designation	Ød1 (Inch)	Angle	Box Qty
N03E90G924	3	90	40*
N04E90G924	4	90	18*
N05E90G924	5	90	30*
N06E90G924	6	90	20*
N07E90G924	7	90	50
N08E90G924	8	90	32
N09E90G924	9	90	25
N10E90G924	10	90	16
N12E90G924	12	90	10

See price guide
Family code 30 Item group 1
**Bulk packaging available see page 31*

Gored

Part Designation - E



Nongasketed	Diameter Ød1	Designation	Degree	Alloy	Gauge
N	14 - 24	E	90	G9	24

Order Example: N - 14 - E - 90 - G9 - 24

N14E90G924

Description

1.5x radius gore locked 90° elbow

- Diameters 14”- 24”
- Non-gasketed
- 5-piece gored, standing seam
- Internally sealed gore locks
- 24ga G90 construction

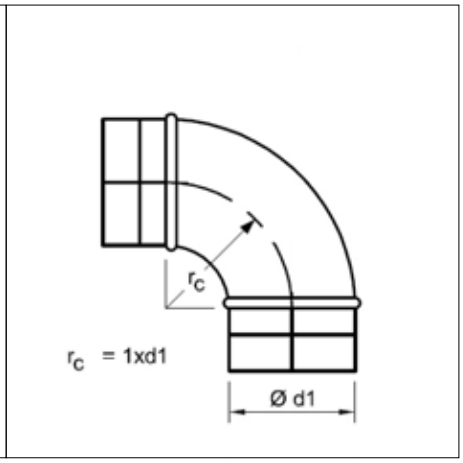
Part Designation	Ød1 (Inch)	Angle	Box Qty
N14E90G924	14	90	5
N16E90G924	16	90	5
N18E90G924	18	90	4
N20E90G924	20	90	1
N22E90G924	22	90	1
N24E90G924	24	90	1

Note: No Hemmed Edges

See price guide
Family code 30 Item group 1

Stamped

Part Designation - ER



Nongasketed	Diameter Ød1	Designation	Degree	Alloy	Gauge
N	03 - 12	ER	90	G9	24

Order Example: N - 03 - ER - 90 - G9 - 24

N03ER90G924

Description

1.0x radius stamped 90° elbow

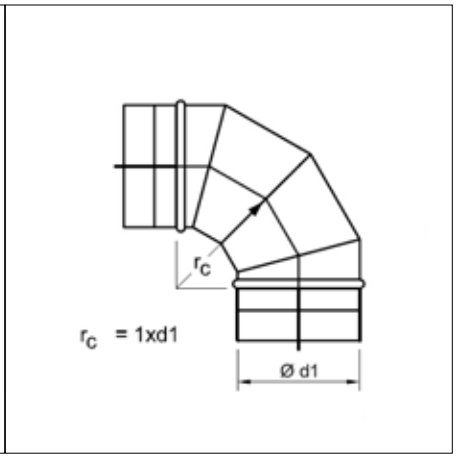
- Diameters 3”- 12”
- Continuous stitch welded
- Hemmed edges
- 24ga G90 steel construction

Part Designation	Ød1 (Inch)	Angle	Box Qty
N03ER90G924	3	90	20*
N04ER90G924	4	90	20*
N05ER90G924	5	90	30*
N06ER90G924	6	90	25*
N07ER90G924	7	90	18*
N08ER90G924	8	90	12*
N09ER90G924	9	90	35
N10ER90G924	10	90	24
N12ER90G924	12	90	15

See price guide
Family code 30 Item group 1
**Bulk packaging available see page 31*

Gored

Part Designation - ER



Nongasketed	Diameter Ød1	Designation	Degree	Alloy	Gauge
N	14 - 24	ER	90	G9	24

Order Example: N - 14 - ER - 90 - G9 - 24

N14ER90G924

Description

1.0x radius gore locked 90° elbow

- Available in diameters 14”- 24”
- 4-piece gored, standing seam
- Internally sealed gore locks
- Constructed with 24ga G90

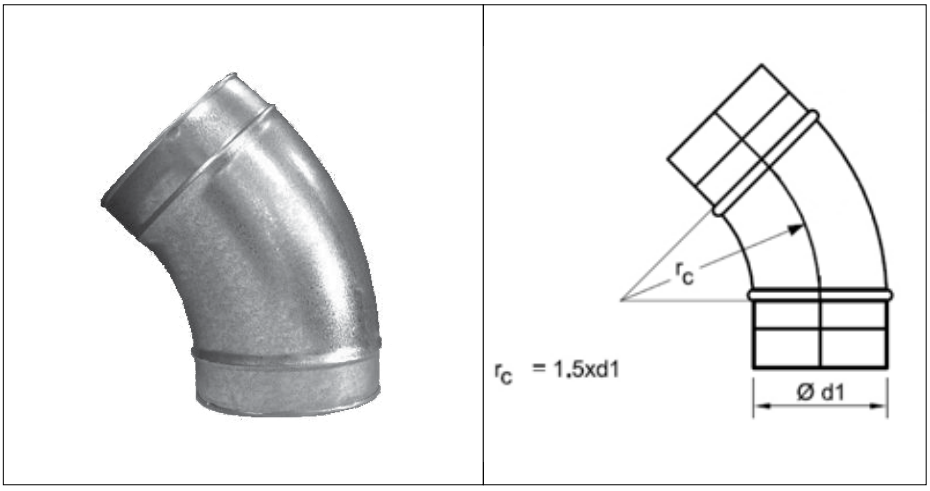
Part Designation	Ød1 (Inch)	Angle	Box Qty
N14ER90G924	14	90	6
N16ER90G924	16	90	5
N18ER90G924	18	90	4
N20ER90G924	20	90	1
N22ER90G924	22	90	1
N24ER90G924	24	90	1

Note: No Hemmed Edges
See price guide
Family code 30 Item group 1

45° Elbows 1.5xd1

Stamped

Part Designation - E



Nongasketed	Diameter Ød1	Designation	Degree	Alloy	Gauge
N	03 - 12	E	45	G9	24

Order Example: N - 03 - E - 45 - G9 - 24

N03E45G924

Description

1.5x radius die stamped 45° elbow

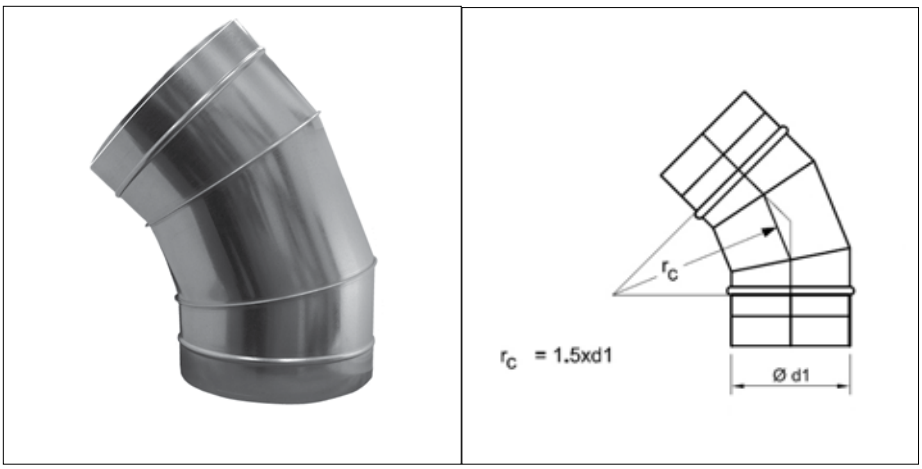
- Diameters 3”- 12”
- Continuous stitch welded
- Hemmed edges
- 24ga G90 steel construction

Part Designation	Ød1 (Inch)	Angle	Box Qty
N03E45G924	3	45	30*
N04E45G924	4	45	30*
N05E45G924	5	45	35*
N06E45G924	6	45	30*
N07E45G924	7	45	20*
N08E45G924	8	45	15*
N09E45G924	9	45	10*
N10E45G924	10	45	25
N12E45G924	12	45	20

See price guide
Family code 30 Item group 2
Bulk packaging available see page 31

Gored

Part Designation - E



Gasketed	Diameter Ød1	Designation	Degree	Alloy	Gauge
N	14 - 24	E	45	G9	24

Order Example: N - 14 - E - 45 - G9 - 24

N14E45G924

Description

1.5 radius gore locked 45° elbow

- Diameters 14”- 24”
- 3-piece gored, standing seam
- Internally sealed gore locks
- Constructed with 24ga G90

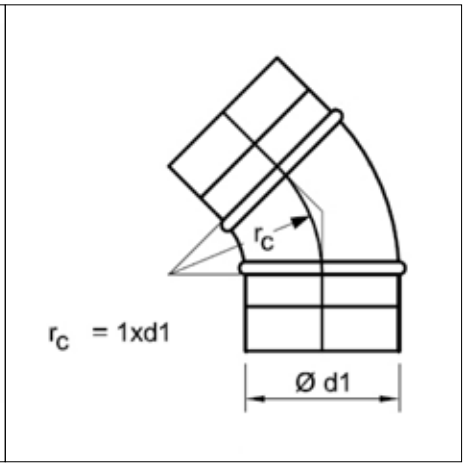
Part Designation	Ød1 (Inch)	Angle	Box Qty
N14E45G924	14	45	10
N16E45G924	16	45	6
N18E45G924	18	45	5
N20E45G924	20	45	1
N22E45G924	22	45	1
N24E45G924	24	45	1

Note: No Hemmed Edges
See price guide
Family code 30 Item group 2

45° Elbows 1xd1

Stamped

Part Designation - ER



Nongasketed	Diameter Ød1	Designation	Degree	Alloy	Gauge
N	03 - 12	ER	45	G9	24

Order Example: N - 03 - ER - 45 - G9 - 24

N03ER45G924

Description

1.0x radius die stamped 45° elbow

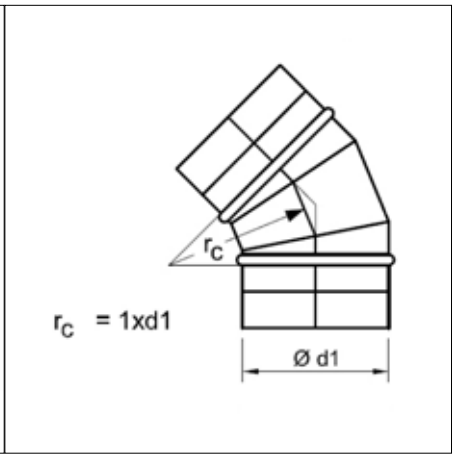
- Diameters 3”- 12”
- Continuous stitch welded
- Hemmed edges
- 24ga G90 steel construction

Part Designation	Ød1 (Inch)	Angle	Box Qty
N03ER45G924	3	45	30*
N04ER45G924	4	45	40*
N05ER45G924	5	45	45*
N06ER45G924	6	45	30*
N07ER45G924	7	45	30*
N08ER45G924	8	45	20*
N09ER45G924	9	45	14*
N10ER45G924	10	45	10*
N12ER45G924	12	45	25

See price guide
Family code 30 Item group 2
**Bulk packaging available see page 31*

Gored

Part Designation - ER



Nongasketed	Diameter Ød1	Designation	Degree	Alloy	Gauge
N	14 - 24	ER	45	G9	24

Order Example: N - 14 - ER - 45 - G9 - 24

N14ER45G924

Description

1.0x radius gore locked 45° elbow

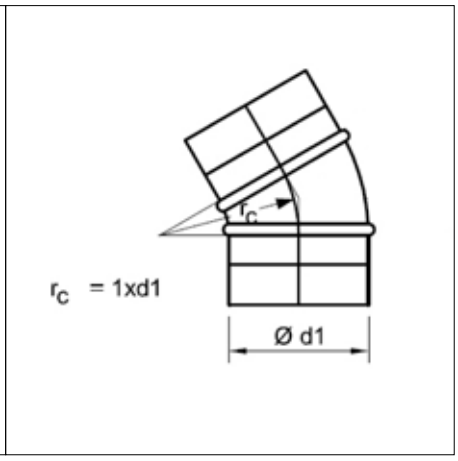
- Diameters 14”- 24”
- 3-piece gored, standing seam
- Internally sealed gore locks
- 24ga G90 construction

Part Designation	Ød1 (Inch)	Angle	Box Qty
N14ER45G924	14	45	12
N16ER45G924	16	45	10
N18ER45G924	18	45	6
N20ER45G924	20	45	1
N22ER45G924	22	45	1
N24ER45G924	24	45	1

Note: No Hemmed Edges
See price guide
Family code 30 Item group 2

Stamped

Part Designation - ER



Nongasketed	Diameter Ød1	Designation	Degree	Alloy	Gauge
N	03 - 12	ER	30	G9	24

Order Example: N - 04 - ER - 30 - G9 - 24

N04ER30G924

Description

1.0x radius die stamped 30° elbow

- Diameters 3”- 12”
- continuous stitch welded
- Hemmed edges
- 24ga G90 steel construction

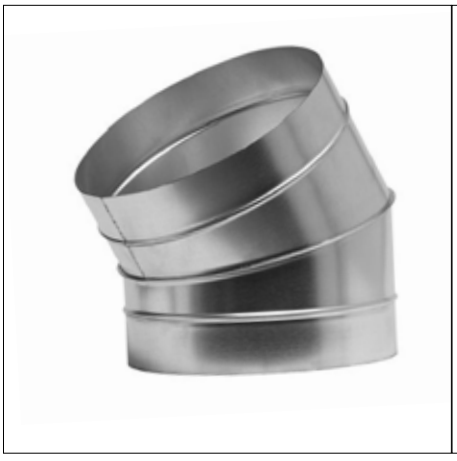
Part Designation	Ød1 (Inch)	Angle	Box Qty
N03ER30G924	3	30	10
N04ER30G924	4	30	20
N05ER30G924	5	30	28
N06ER30G924	6	30	17
N07ER30G924	7	30	10
N08ER30G924	8	30	10
N09ER30G924	9	30	10
N10ER30G924	10	30	10
N12ER30G924	12	30	10

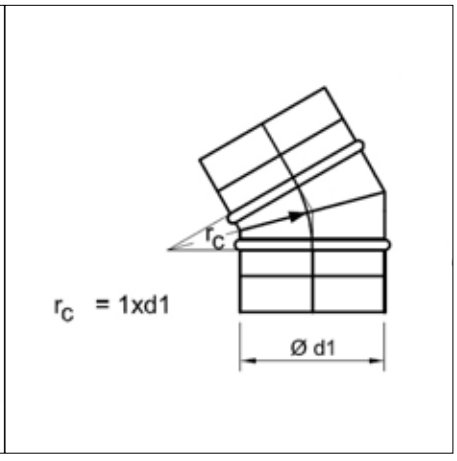
* Consult Factory For Availability

See price guide
Family code 30 Item group 3

Gored

Part Designation - ER





Nongasketed	Diameter Ød1	Designation	Degree	Alloy	Gauge
N	14 - 24	ER	30	G9	24

Order Example: N - 14 - ER - 30 - G9 - 24

N14ER30G924

Description

1.0x radius gore locked 30° elbow

- Diameters 14”- 24”
- 2-piece gored, standing seam
- Internally sealed gore locks
- 24ga G90 construction

Part Designation	Ød1 (Inch)	Angle	Box Qty
N14ER30G924	14	30	10
N16ER30G924	16	30	5
N18ER30G924	18	30	5
N20ER30G924	20	30	5
N22ER30G924	22	30	2
N24ER30G924	24	30	2

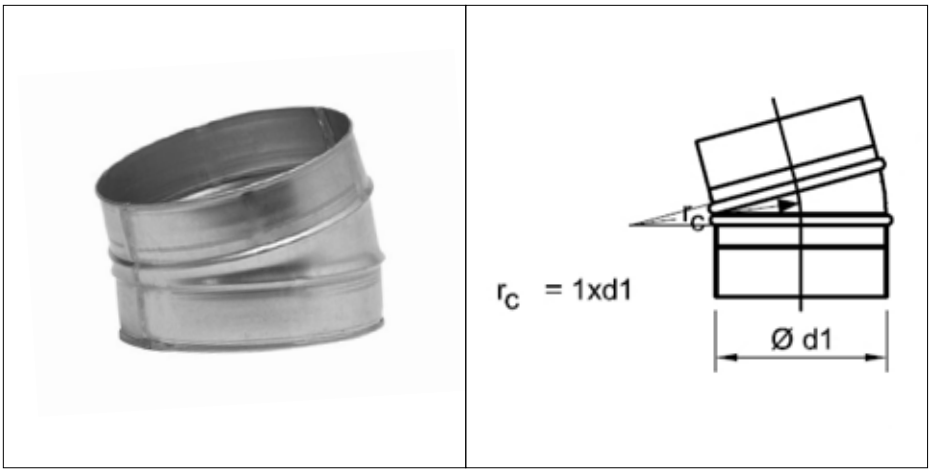
Note: No Hemmed Edges
* Consult Factory For Availability

See price guide
Family code 30 Item group 3

15° Elbows 1xd1

Stamped

Part Designation - ER



Nongasketed	Diameter Ød1	Designation	Degree	Alloy	Gauge
N	03 - 12	ER	15	G9	24

Order Example: N - 04 - ER - 15 - G9 - 24

N04ER15G924

Description

1.0x radius die stamped 15° elbow

- Diameters 3”- 12”
- Continuous stitch welded
- Hemmed edges
- 24ga G90 steel construction

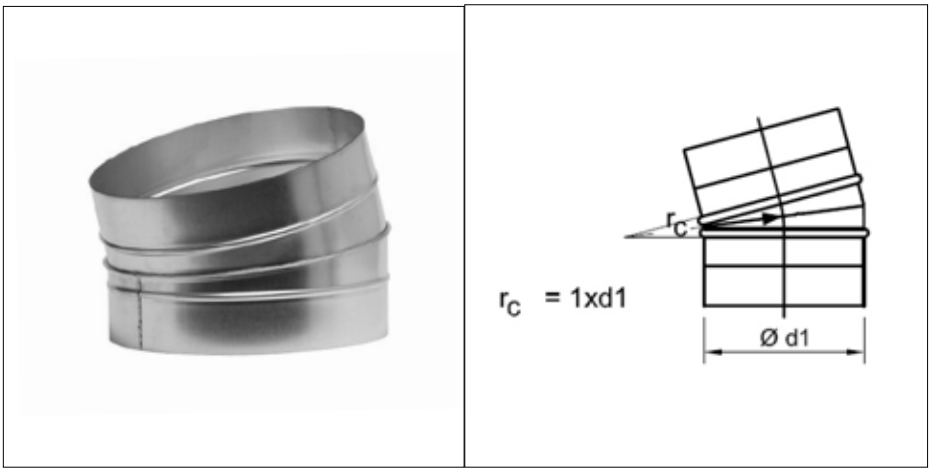
Part Designation	Ød1 (Inch)	Angle	Box Qty
N03ER15G924	3	15	10
N04ER15G924	4	15	20
N05ER15G924	5	15	10
N06ER15G924	6	15	10
N07ER15G924	7	15	10
N08ER15G924	8	15	10
N09ER15G924	9	15	10
N10ER15G924	10	15	10
N12ER15G924	12	15	10

* Consult Factory For Availability

See price guide
Family code 30 Item group 3

Gored

Part Designation - ER



Nongasketed	Diameter Ød1	Designation	Degree	Alloy	Gauge
N	14 - 24	ER	15	G9	24

Order Example: N - 14 - ER - 15 - G9 - 24

N14ER15G924

Description

1.0x radius gore locked 15° elbow

- Diameters 14”- 24”
- 2-piece gored, standing seam
- Internally sealed gore locks
- 24ga G90 construction
-

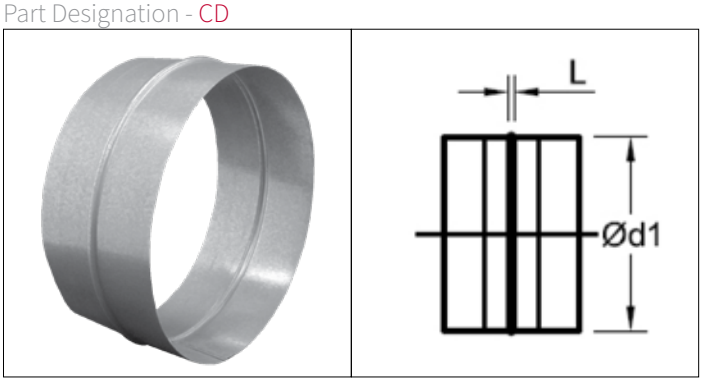
Part Designation	Ød1 (Inch)	Angle	Box Qty
N14ER15G924	14	15	10
N16ER15G924	16	15	5
N18ER15G924	18	15	5
N20ER15G924	20	15	2
N22ER15G924	22	15	2
N24ER15G924	24	15	1

Note: No Hemmed Edges
* Consult Factory For Availability

See price guide
Family code 30 Item group 3

Duct Coupling

Part Designation - CD



Description

Coupling

- "L" dimensions =
  ⅜", when Ød1 = 3" - 20"
  ½", when Ød1 = 22" - 24"
- Fabricated construction
- Used for joining spiral duct
- G90 Steel

Nongasketed	Diameter Ød1	Designation	Alloy	Gauge
N	03 - 12	CD	G9	26

Order Example: N - 03 - CD - G9 - 26

N03CDG926

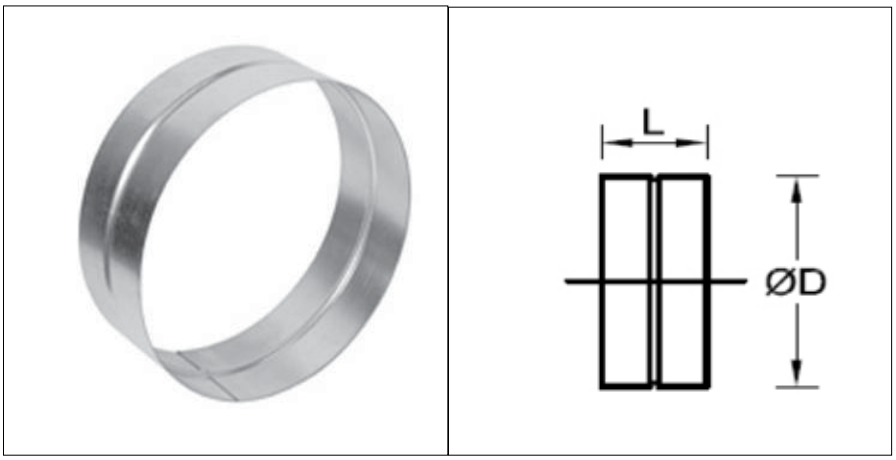
Part Designation	Ød1 (Inch)	Box Qty
N03CDG926	3	10
N03CDG928	3	10*
N04CDG926	4	50
N04CDG928	4	50*
N05CDG926	5	20
N05CDG928	5	20*
N06CDG926	6	60
N06CDG928	6	60*
N07CDG926	7	10
N07CDG928	7	10*
N08CDG924	8	40
N08CDG926	8	40
N08CDG928	8	40*
N09CDG926	9	15
N09CDG928	9	15*
N10CDG924	10	25
N10CDG926	10	25*
N11CDG924	11	20*
N12CDG924	12	15
N12CDG926	12	15*
N14CDG924	14	15
N14CDG926	14	15
N16CDG924	16	15
N18CDG924	18	15
N20CDG924	20	32
N22CDG924	22	28
N24CDG924	24	28

Note: No Hemmed Edges

See price guide
Family code 30 Item group 4
**Bulk packaging available see page 31*

Fitting Coupling

Part Designation - CF



Description

Coupling

- "L" dimensions =
  3⅝", when ØD = 3" - 9"
  5⅛", when ØD = 10" - 14"
  6⅝", when ØD = 16" - 24"
- Fabricated construction
- Used for joining duct fittings
- G90 Steel

Nongasketed	Diameter Ød	Designation	Alloy	Gauge
N	03 - 24	CF	G9	24, 28

Order Example: N - 03 - CF - G9 - 24

N03CFG924

Part Designation	Dia (Inch)	Box Qty
N03CFG924	3	10*
N04CFG928	4	25*
N05CFG928	5	10*
N06CFG928	6	30*
N07CFG928	7	10*
N08CFG928	8	35*
N09CFG928	9	30*
N10CFG924	10	25*
N11CFG924	11	1
N12CFG924	12	20*
N14CFG924	14	10*
N16CFG924	16	35
N18CFG924	18	30
N20CFG924	20	18
N22CFG924	22	18
N24CFG924	24	14

Note: No Hemmed Edges

See price guide
Family code 30 Item group 4
**Bulk packaging available see page 31*

Duct End Cap

Part Designation - ED

Nongasketed	Diameter Ød1	Designation	Alloy	Gauge
N	03 - 24	ED	G9	24, 26, 28

Order Example: N - 03 - ED - G9 - 24

N03EDG924

Description

End cap

- "L" dimensions =
  ⅜", when Ød1 = 3" - 20"
  ½", when Ød1 = 22" - 24"
- used for closing off spiral duct
- G90 steel

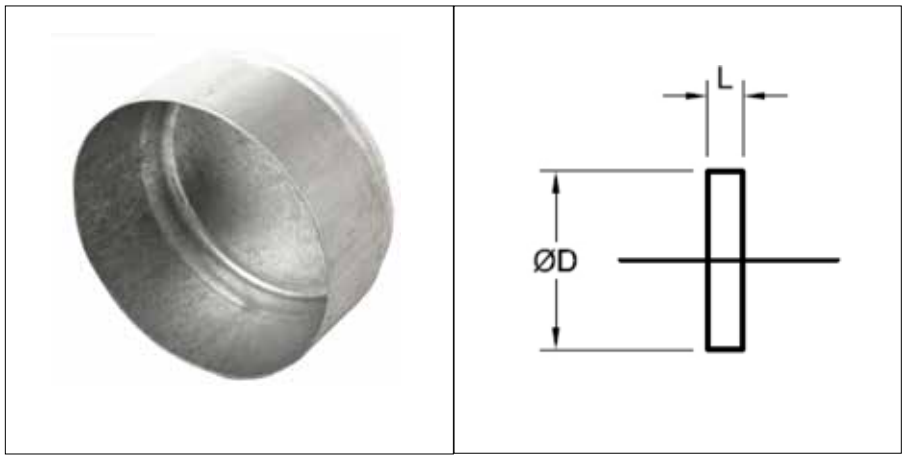
Part Designation	Ød1 (Inch)	Box Qty
N03EDG924	3	20
N04EDG924	4	50
N05EDG924	5	20
N06EDG924	6	60
N07EDG924	7	20
N08EDG924	8	30
N09EDG926	9	20
N10EDG924	10	34
N11EDG928	11	15
N12EDG924	12	20
N14EDG924	14	25
N16EDG924	16	18
N18EDG924	18	14
N20EDG924	20	10
N22EDG924	22	1
N24EDG924	24	1

Note: No Hemmed Edges For 9", 11", 16-24"

See price guide
Family code 30 Item group 5

Fitting End Cap

Part Designation - EF



Nongasketed	Diameter Ød1	Designation	Alloy	Gauge
N	03 - 24	EF	G9	24, 26, 28

Order Example: N - 03 - EF - G9 - 26

N03EFG926

Description

End cap

- "L" dimensions =
  1⅝", when ØD = 3" - 9"
  2⅜", when ØD = 10" - 14"
  3⅛", when ØD = 16" - 24"
- used for closing off duct fittings
- G90 Steel

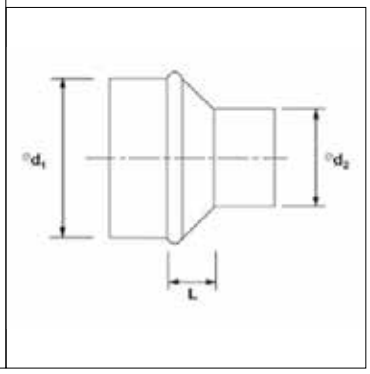
Part Designation	Dia (Inch)	Box Qty
N03EFG926	3	20
N04EFG924	4	20
N05EFG924	5	10
N06EFG924	6	20
N07EFG924	7	10
N08EFG924	8	30
N09EFG928	9	20
N10EFG924	10	34
N11EFG926	11	1
N12EFG924	12	20
N14EFG924	14	25
N16EFG924	16	16
N18EFG924	18	14
N20EFG924	20	10
N22EFG924	22	1
N24EFG924	24	1

Note: No Hemmed Edges

See price guide
Family code 30 Item group 5

Reducer

Part Designation - RC



Description

Concentric reducer

- see chart for availability and dimensions
- constructed with G90 steel

No Hemmed Edge

Stamped				
Part Designation	ØD1	Ød2 (Inch)	L (Inch)	Box Qty
N04RC03G924	4	3	¾"	10
N05RC03G924	5	3	1"	10
N05RC04G924	5	4	⅞"	25
N06RC04G924	6	4	1¼"	14
N06RC05G924	6	5	¾"	12
N07RC04G924	7	4	2"	30
N07RC05G924	7	5	1½"	30
N07RC06G924	7	6	1"	30
N08RC04G924	8	4	2¼"	20
N08RC05G924	8	5	1⅝"	20
N08RC06G924	8	6	1¼"	30
N08RC07G924	8	7	¾"	20
N09RC06G924	9	6	4"	10
N09RC08G924	9	8	1⅛"	10
N10RC06G924	10	6	2¼"	12
N10RC08G924	10	8	1⅛"	12
N10RC09G924	10	9	⅝"	12
N12RC06G924	18	6	6	1
N12RC08G924	12	8	2⅛"	22
N12RC10G924	12	10	1⅛"	25
N14RC10G924	14	10	2⅜"	15
N14RC12G924	14	12	1⅜"	16
N16RC10G924	16	10	3"	12

See price guide
Family code 30 Item group 6

Fabricated				
Part Designation	ØD1	Ød2 (Inch)	L (Inch)	Box Qty
N09RC06G926	9	6	4"	10
N10RC05G926	10	5	5"	12
N10RC07G926	10	7	4"	10
N12RC06G926	12	6	6"	12
N14RC08G924	14	8	6"	15
N16RC08G924	16	8	8"	12
N16RC12G924	16	12	4"	12
N16RC14G924	16	14	4"	10
N18RC14G924	18	14	4"	8
N18RC16G924	18	16	4"	10
N20RC16G924*	20	16	4"	8
N20RC18G924	20	18	4"	6
N22RC20G924	22	20	4"	20
N24RC22G924	24	22	4"	16

* Note: No Hemmed Edges

See price guide
Family code 30 Item group 6

Nongasketed	*Diameter Ød1*	*Designation*	*Diameter Ød2*	*Alloy*	*Gauge*
N	04 - 24	RC	03 - 22	G9	24, 26

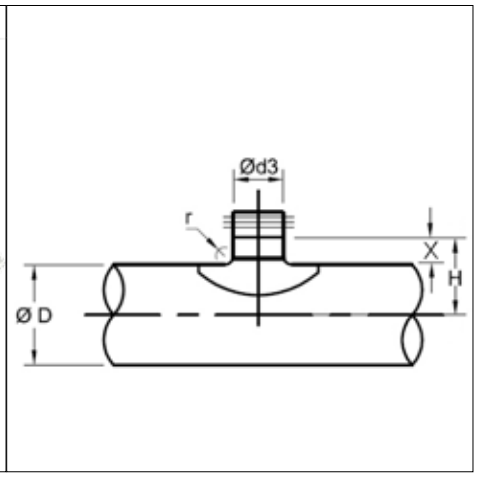
Order Example: N - 04 - RC - 03 - G9 - 24

N04RC03G924

Saddle Tap

Part Designation - PS

Pressed Construction



Description

Saddle tap

- Stamped construction unless noted in “Stamped” chart below
- Pressed taps have radius entry, constructed of galvanized steel, and are available in Ød3 (tap diameters) 3” - 16”
- H = X + 0.5 (ØD)
- 24ga G90 steel construction

Stamped

Part Designation	ØD1 (Inch)	Ød3 (Inch)	X (Inch)	Box Qty
N03PS04G924	3	4	⅜”	10
N03PS05G924	3	5	⅜”	10
N03PS7-6G924	3	7-6	⅜”	10
N04PS04G924	4	4	¾”	10
N04PS05G924	4	5	¾”	18
N04PS06G924	4	6	¾”	18
N04PS8-7G924	4	8-7	¾”	18
N04PS10-9G924	4	10-9	¾”	18
N04PS12G924	4	12	¾”	18
N04PS24-14G924	4	24-14	¾”	18
N05PS05G924	5	5	¾”	10
N05PS06G924	5	6	¾”	10
N05PS8-7G924	5	8-7	¾”	10
N05PS10-9G924	5	10-9	¾”	10
N05PS12G924	5	12	¾”	10
N05PS24-14G924	5	24-14	¾”	10
N06PS06G924	6	6	1”	15
N06PS8-7G924	6	8-7	1”	22
N06PS10-9G924	6	10-9	1”	25
N06PS12G924	6	12	1”	20
N06PS24-14G924	6	24-14	1”	16
N07PS07G924	7	7	1”	10
N07PS08G924	7	8	1”	10

See price guide
Family code 30 Item group 7

Stamped

Part Designation	ØD1 (Inch)	Ød3 (Inch)	X (Inch)	Box Qty
N08PS08G924	8	8	1”	10
N08PS10-9G924	6	10-9	1”	10
N08PS12G924	8	12	1”	12
N08PS16-14G924	8	16-14	1”	15
N08PS20-18G924	8	20-18	1”	12
N08PS24-22G924	8	24-22	1”	16
N09PS09G924	9	9	1”	10
N09PS10G924	9	10	1”	10
N09PS12G924	9	12	1”	10
N09PS24-14G924	9	24-14	1”	10
N10PS10G924	10	10	1”	10
N10PS12G924	10	12	1”	14
N10PS14G924	10	14	1”	12
N10PS20-16G924	10	20-16	1”	12
N10PS24-22G924	10	24-22	1”	12
N12PS12G924	12	12	1⅛”	12
N12PS14G924	12	14	1⅛”	12
N12PS16G924	12	16	1⅛”	12
N12PS22-18G924	12	22-18	1⅛”	12
N16PS16G924	16	16	¾”	6
N16PS20-18G924	16	20-18	¾”	20
N16PS24-22G924	16	24-22	¾”	20

Fabricated

Part Designation	ØD1 (Inch)	Ød3 (Inch)	X (Inch)	Box Qty
N14PS14G924	14	14	1”	12
N14PS16G924	14	16	1”	12
N14PS18G924	14	18	1”	12
N14PS20G924	14	20	1”	12
N14PS24-22G924	14	24-22	1”	12

See price guide
Family code 30 Item group 7

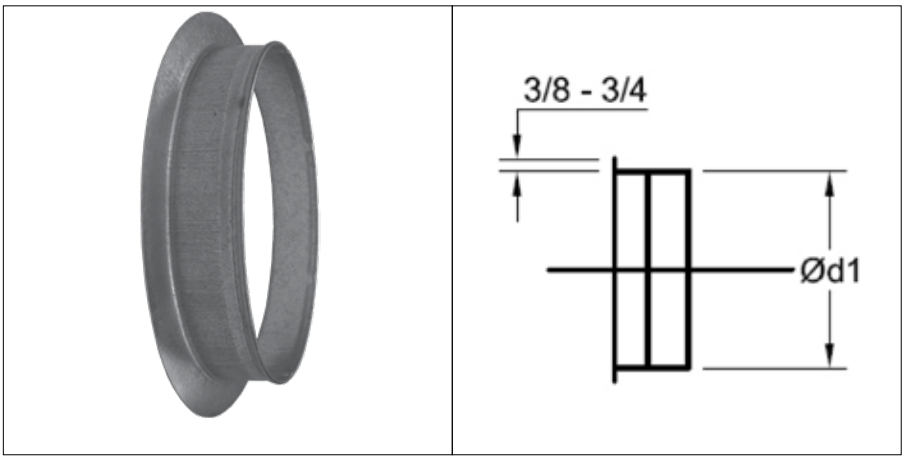
Nongasketed	*Diameter ØD1*	*Designation*	*Diameter Ød3*	*Alloy*	*Gauge*
N	03 - 16	PS	04 - 24	G9	24

Order Example: N - 03 - PS - 08 - G9 - 24

N03PS04G924

Start Collar

Part Designation - PT



Nongasketed	*Diameter Ød1*	*Designation*	*Alloy*	*Gauge*
N	03 - 24	PT	G9	24, 28

Order Example: N - 03 - PT - G9 - 28

N03PTG928

Description

Starting collar

- installed on flat side of duct or plenum
- G90 steel construction

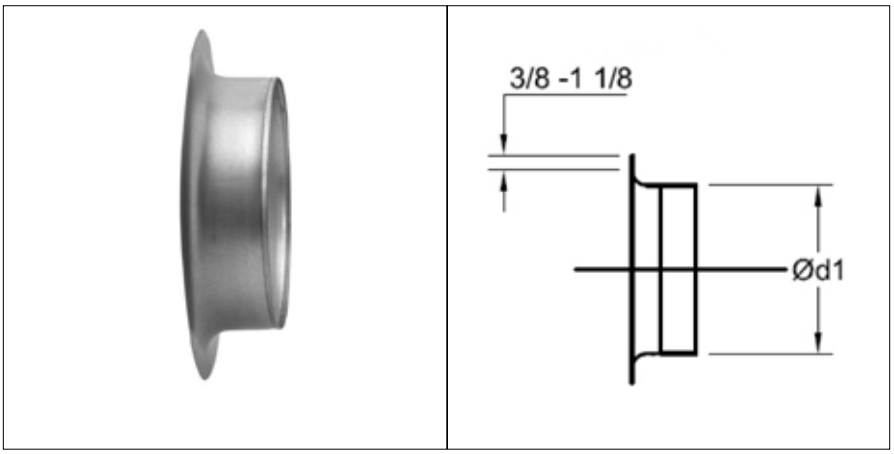
Part Designation	Ød1 (Inch)	Box Qty
N03PTG928	3	10
N04PTG924	4	30
N05PTG924	5	10
N06PTG924	6	35
N07PTG924	7	15
N08PTG924	8	20
N09PTG924	9	15
N10PTG924	10	30
N11PTG924	11	1
N11PTG926	10	30
N12PTG924	12	25
N12PTG926	12	25
N14PTG924	14	20
N16PTG924	16	15
N18PTG924	18	10
N20PTG924	20	10
N22PTG924	22	40
N24PTG924	24	30

** Note: No Hemmed Edges For 3", 10-24"*

See price guide
Family code 30 Item group 8

Bellmouth

Part Designation - PR



Nongasketed	*Diameter Ød1*	*Designation*	*Alloy*	*Gauge*
N	16	PR	G9	24

Order Example: N - 04 - PR - G9 - 24

N04PRG924

Description

Bellmouth take-off

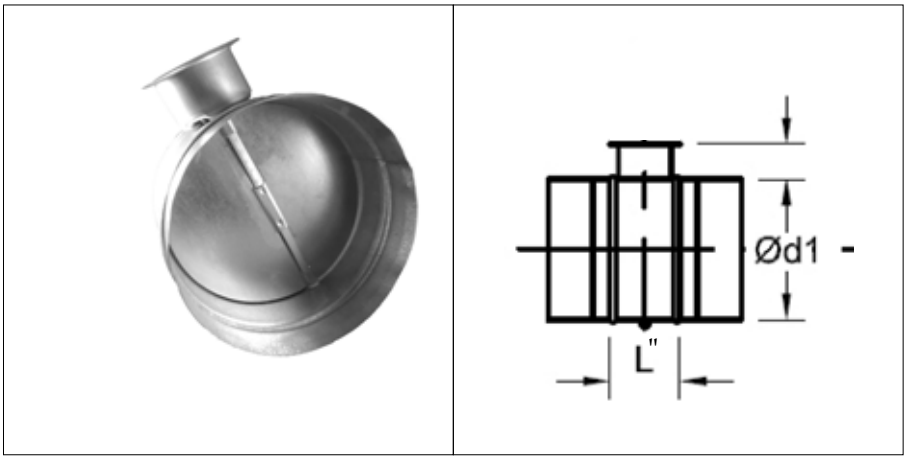
- Stamped
- Installed on flat side of duct or plenum
- 24ga G90 steel construction

Part Designation	Ød1 (Inch)	Box Qty
N04PRG924	4	30
N05PRG924	5	10
N06PRG924	6	35
N07PRG924	7	15
N08PRG924	8	20
N09PRG924	9	15
N10PRG924	10	30
N12PRG924	12	25
N14PRG924	14	22
N16PRG924	16	15

See price guide
Family code 30 Item group 8

Balancing Damper

Part Designation - DS



Part Designation	Ød1 (Inch)	'L' (Inch)	Box Qty
N3DSG928	3	3.9	15
N4DSG928	4	3.9	10
N5DSG928	5	3.9	18
N6DSG928	6	3.9	12
N7DSG928	7	3.9	10
N8DSG928	8	3.9	15
N9DSG928	9	3.9	10
N10DSG924	10	3.5	16
N10DSG926	10	3.5	16
N12DSG924	12	3.5	10
N12DSG926	12	3.5	10
N14DSG924	14	3.5	6
N14DSG926	14	3.5	6
N16DSG924	16	3.75	8
N18DSG924	18	3.75	4
N20DSG924	20	3.75	4
N22DSG924	22	3.75	12
N24DSG924	24	3.75	10

Note: No Hemmed Edges

See price guide
Family code 30 Item group 9

Description

Damper

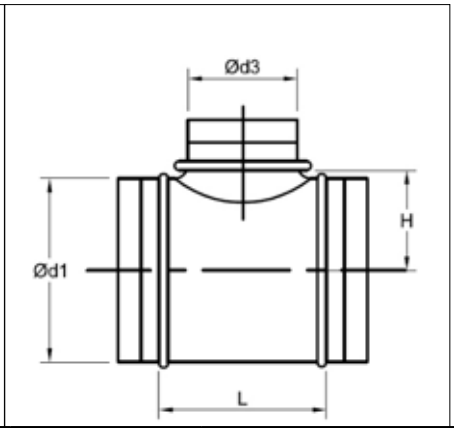
- Manual balancing
- Stabilized shaft bushing to minimize air leakage
- Integral shaft-blade assembly
- 2" Insulation Stand Off
- Locking blade quadrant w/damper position indicator
- Full fitting body assembly with bead stop

Note: Dampers with Ød1 > 14" equipped with extended handle and a reinforced damper blade.

Nongasketed	*Diameter Ød1*	*Designation*	*Alloy*	*Gauge*
N	3 - 24 in 1" Increments 12 - 24 in 2" Increments	DS	G9	24,26, 28

Order Example: N - 4 - DS - G9 - 28
N04DSG928

Tees



Part Designation	Ød1 (Inch)	Ød3 (Inch)	Box Qty
N04TS04G926	4	4	10
N06TS06G926	6	6	18
N07TS07G926	7	7	1
N08TS06G926	8	6	12
N08TS08G926	8	8	8
N09TS09G926	9	9	1
N10TS06G926	10	6	8
N10TS08G926	10	8	8
N10TS10G926	10	10	5
N12TS08G926	12	8	4
N12TS10G926	12	10	3
N12TS12G926	12	12	3
N14TS12G924	14	12	10
N14TS14G924	14	14	8
N16TS16G924	16	16	1
N18TS18G924	18	18	1
N20TS20G924	20	20	1
N22TS22G924	22	22	1
N24TS24G924	24	24	1

See price guide
Family code 30 Item group 10

Description

Assembled tee with stamped or fabricated TS

- L = Ød3 + 6"
- G90 Steel

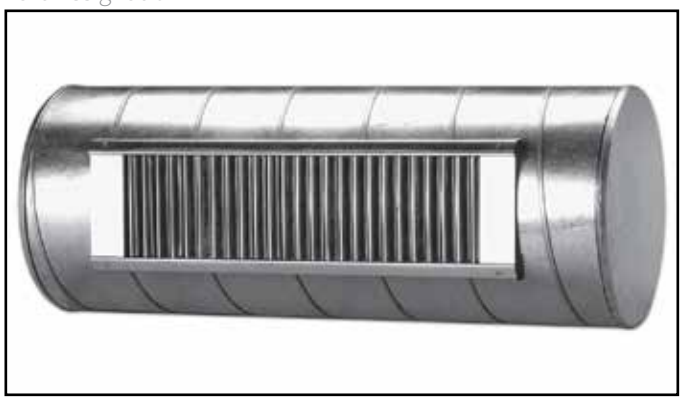
Non-gasketed	*Diameter Ød3*	*Designation*	*Diameter Ød*	*Alloy*	*Gauge*
N	14	TS	12	G9	24, 26

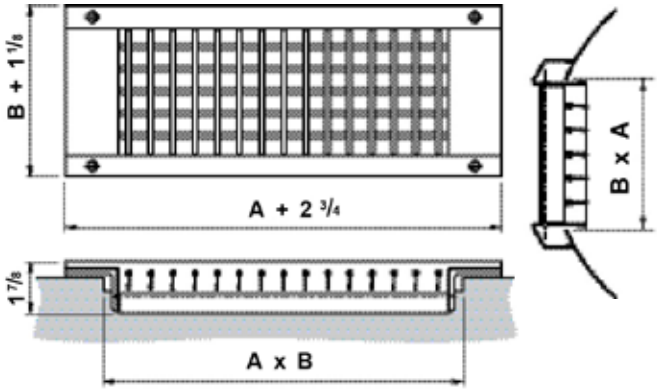
Order Example: G - 14 -TS - 12 - G9 - 24

N14TS12G924

Duct-Mounted Register

Part Designation - DMR





Description

supply/return register with adjustable double deflection blades and volume damper (loose)

- designed for direct mounting
- rectangular register taps are not required
- register made of galvanized sheet steel
- damper made of electro-galvanized sheet steel
- performance data available on request

Order Example

A	Designation	B
Length	DMR = Duct-Mounted Register	Width
17	DMR	6

Smart Part Number: **17DMR6**

Part Designation	Register Nom. Size (in)	Min. Duct Diameter (in)	Free Area (ft^2)	Duct Opening A x B (in)	Weight (lb)
13DMR3	13 x 3	6	0.18	12¾ x 3	2.4
17DMR3	17 x 3	6	0.25	16¾ x 3	3.1
21DMR3	21 x 3	6	0.30	20⅝ x 3	3.7
25DMR3	25 x 3	6	0.36	24⅝ x 3	4.2
33DMR3	33 x 3	6	0.48	32½ x 3	5.3
41DMR3	41 x 3	8	0.60	40⅜ x 3	6.4
49DMR3	49 x 3	8	0.73	48¼ x 3	7.1
13DMR6	13 x 6	12	0.36	12¾ x 6	3.1
17DMR6	17 x 6	12	0.48	16¾ x 6	4.2
21DMR6	21 x 6	12	0.60	20⅝ x 6	5.1
25DMR6	25 x 6	12	0.73	24⅝ x 6	5.7
33DMR6	33 x 6	12	1.00	32½ x 6	7.7
41DMR6	41 x 6	12	1.20	40⅜ x 6	8.6
49DMR6	49 x 6	12	1.46	48¼ x 6	9.7
13DMR6	13 x 6	20	0.60	12¾ x 8⅞	4.8
17DMR6	17 x 6	20	0.80	16¾ x 8⅞	6.6
21DMR9	21 x 9	20	1.00	20⅝ x 8⅞	7.5
25DMR9	25 x 9	20	1.20	24⅝ x 8⅞	8.2
33DMR9	33 x 9	20	1.60	32½ x 8⅞	11.2
41DMR9	41 x 9	20	2.00	40⅜ x 8⅞	12.8
49DMR9	49 x 9	20	2.41	48¼ x 8⅞	13.9

Coupling Bulk Packaging		
Part Designation	Ød (Inch)	Bulk Qty
G03CDG924B	3	240
G04CDG928B	4	600
G05CDG928B	5	420
G06CDG924B	6	360
G07CDG928B	7	240
G08CDG924B	8	240
G09CDG928B	9	165
G10CDG924B	10	90
G11CDG924B	11	90
G12CDG924B	12	80

90 Degree Elbow Bulk Packaging		
Part Designation	Ød (Inch)	Bulk Qty
G03E90G924B	3	480
G04E90G924B	4	216
G05E90G924B	5	120
G06E90G924B	6	80
G03ER90G924B	3	480
G04ER90G924B	4	240
G05ER90G924B	5	180
G06ER90G924B	6	100
G07ER90G924B	7	72
G08ER90G924B	8	48

45 Degree Elbow Bulk Packaging		
Part Designation	Ød (Inch)	Bulk Qty
G03E45G924B	3	720
G04E45G924B	4	360
G05E45G924B	5	210
G06E45G924B	6	120
G07E45G924B	7	80
G08E45G924B	8	60
G09E45G924B	9	40
G03ER45G924B	3	720
G04ER45G924B	4	480
G05ER45G924B	5	270
G06ER45G924B	6	180
G07ER45G924B	7	120
G08ER45G924B	8	80
G09ER45G924B	9	56
G10ER45G924B	10	40

Coupling Bulk Packaging		
Part Designation	Ød (Inch)	Bulk Qty
N03CDG928B	3	240
N04CDG928B	4	600
N05CDG928B	5	420
N06CDG928B	6	360
N07CDG928B	7	240
N08CDG928B	8	240
N09CDG928B	9	165
N10CDG926B	10	90
N11CDG924B	11	90
N12CDG926B	12	80
N03CFG924B	3	240
N04CFG928B	4	600
N05CFG928B	5	240
N06CFG928B	6	360
N07CFG928B	7	240
N08CFG928B	8	210
N09CFG928B	9	165
N10CFG924B	10	100
N12CFG924B	12	80
N14CFG924B	14	40

90 Degree Elbow Bulk Packaging		
Part Designation	Ød (Inch)	Bulk Qty
N03E90G924B	3	480
N04E90G924B	4	216
N05E90G924B	5	120
N06E90G924B	6	80
N03ER90G924B	3	480
N04ER90G924B	4	240
N05ER90G924B	5	180
N06ER90G924B	6	100
N07ER90G924B	7	72
N08ER90G924B	8	48

45 Degree Elbow Bulk Packaging		
Part Designation	Ød (Inch)	Bulk Qty
N03E45G924B	3	720
N04E45G924B	4	360
N05E45G924B	5	210
N06E45G924B	6	120
N07E45G924B	7	80
N08E45G924B	8	60
N09E45G924B	9	40
N03ER45G924B	3	720
N04ER45G924B	4	480
N05ER45G924B	5	270
N06ER45G924B	6	180
N07ER45G924B	7	120
N08ER45G924B	8	80
N09ER45G924B	9	56
N10ER45G924B	10	40

BULLET BAND™

SELF SEALED DUCT FITTINGS

DUCTMATE® Industries

A DMI COMPANY

Ductmate.com | 1-800-245-3188 | orders@ductmate.com