

DM 60 Series - OD Tube

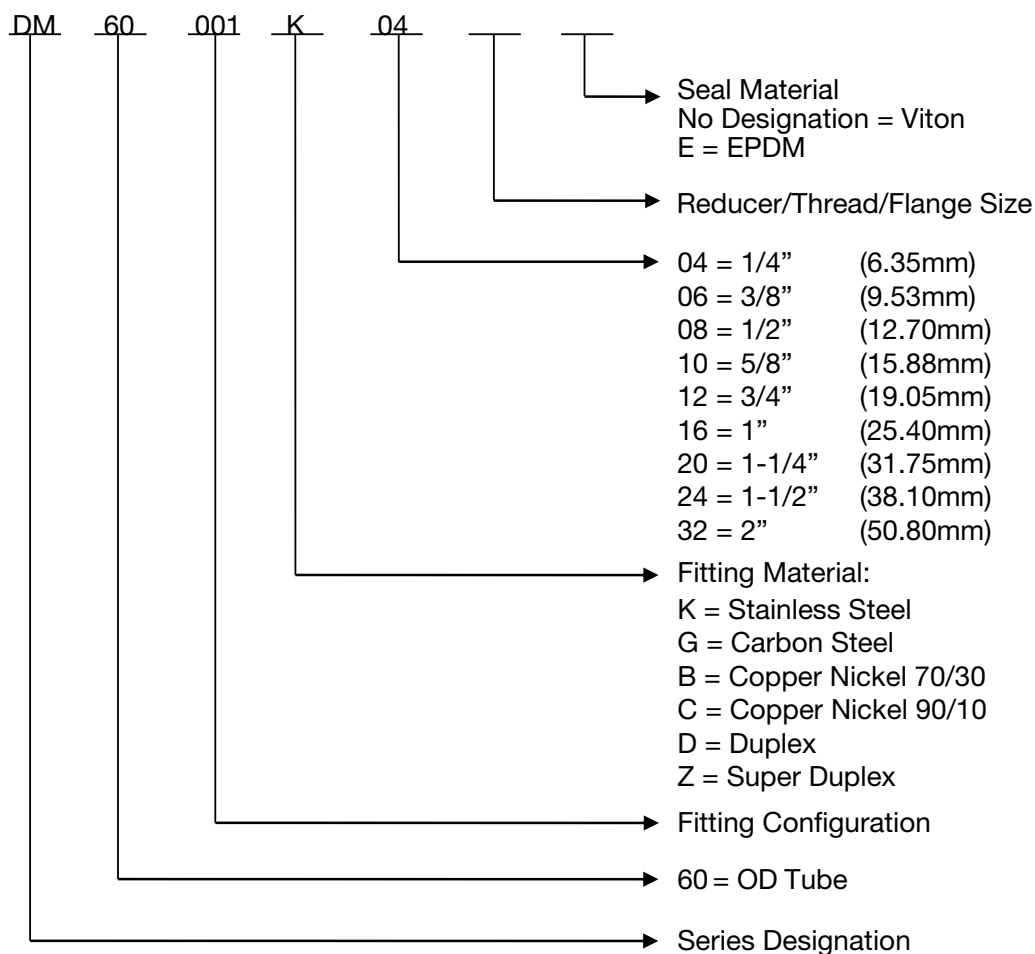
General Characteristics

Fitting Material Specifications	Material Specification
K = Stainless Steel	ASTM-A479/A182-316
G = Carbon Steel	ASTM-A105/A350 LF2
B = Copper Nickel 70/30	MIL-C71500
C = Copper Nickel 90/10	MIL-C70600
D = Duplex	ASTM-A479/A182-UNS31803
Z = Super Duplex	ASTM-A479/A182-UNS32750

O-Ring Material Specifications	O-Ring Temperature Limits
VITON (Brown Colour)	-15°F to 400°F (-26°C to 205°C)
EPDM (Black Colour)	-60°F to 400°F (-51°C to 205°C)

For seal compatibility and selection for each system consult factory. Other seal materials for specific applications of compatibility and temperature are available upon request.

Ordering Information



System design and safe application is the responsibility of the end-user. Consideration must be taken to confirm proper fitting selection is made to ensure proper compatibility, function and operation of the fitting within the piping system. The technical and performance information such as weights, dimensions and ratings in this catalogue supersede all previous published data. Tube-Mac® reserves the right to change technical data and product dimension, ratings and other aspects without notice.

DM 60 Series – OD Tube

Standard Fitting Configuration Guide

1/4" to 2"

					
Coupling DM60001 Page D4	Coupling with Inner Stop DM60002 Page D4	Extra Long Coupling DM60301 Page D5	90° Elbow DM60003 Page D5	45° Elbow DM60017 Page D6	Tee DM60004 Page D6
					
Reducing Tee DM60104 Page D7	Reducer DM60101 Page D8	End Cap DM60085 Page D9	Flange - ANSI 150# DM60018 Page D9	Flange - ANSI 300# DM60019 Page D10	Flange - ANSI 600# DM60027 Page D10
					
SAE Flange Body DM60090 Page D11	SAE Code 61 Flange DM60091 Page D11	SAE Code 62 Flange DM60092 Page D12	SAE Code 61 Tapped Flange DM60095 Page D12	SAE Code 62 Tapped Flange DM60096 Page D13	JIC 37° Male A/DM60055 Page D13
					
JIC 37° Female Swivel A/DM60054 Page D14	NPT Male DM60056 Page D14	NPT Female DM60060 Page D15	SAE Male A/DM60088 Page D15	SAE Female DM60087 Page D16	BSPP Male DM60153 Page D16
					
BSPP Female DM60086 Page D17	ORFS Male A/DM60010 Page D17	ORFS Female Swivel A/DM60020 Page D18	Weldable Bulkhead DM60089 Page D18	SAE Female Branch Tee DM60171 Page D18	BSPP Female Branch Tee DM60172 Page D19

DM 60 Series – OD Tube

Standard Fitting Configuration Guide

1/4" to 2"



Introduction

Technical
Information

DM 20 –
NPS Pipe

DM 60 –
OD Tube

DM 80 –
Metric Tube

DM Series
Tube Adapter

DM80 -
Metric JIS Tube

DP 40N – NPS
Low Pressure

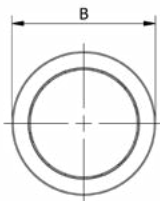
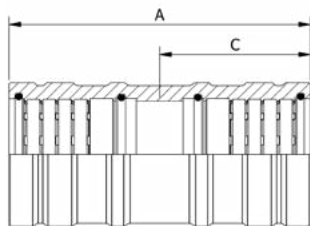
DP 40M – Metric
Low Pressure

PYPLOK®
Tooling

Installation
Procedures

Appendix

DM 60 Series – OD Tube

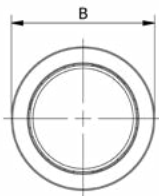
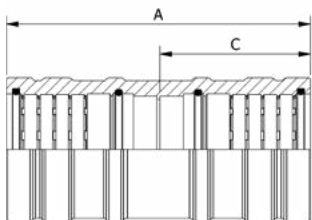


*MATERIAL CODE:
K = STAINLESS STEEL
G = CARBON STEEL
B = COPPER NICKEL 70/30

ORDER EXAMPLE:
DM60001G04

Coupling, OD Tube - DM60001

Size OD	Part Number	Dimensions - Inch (mm)			*Weight K & G lbs (kg)
		A	B	C Insertion Depth	
1/4"	DM60001*04	1.51 (38.35)	0.39 (9.91)	0.75 (19.05)	0.02 (0.01)
3/8"	DM60001*06	1.84 (46.74)	0.55 (13.97)	0.92 (23.37)	0.05 (0.02)
1/2"	DM60001*08	2.18 (55.37)	0.75 (19.05)	1.09 (27.69)	0.11 (0.05)
5/8"	DM60001*10	2.52 (64.01)	0.93 (23.62)	1.26 (32.00)	0.21 (0.10)
3/4"	DM60001*12	2.85 (72.39)	1.09 (27.69)	1.42 (36.07)	0.30 (0.14)
1"	DM60001*16	3.41 (86.61)	1.41 (35.81)	1.70 (43.18)	0.61 (0.28)
1-1/4"	DM60001*20	3.88 (98.55)	1.73 (43.94)	1.94 (49.28)	1.04 (0.47)
1-1/2"	DM80001*38	4.29 (108.97)	2.05 (52.07)	2.15 (54.61)	1.57 (0.71)
2"	DM60001*32	5.00 (127.00)	2.58 (65.53)	2.50 (63.50)	2.49 (1.13)



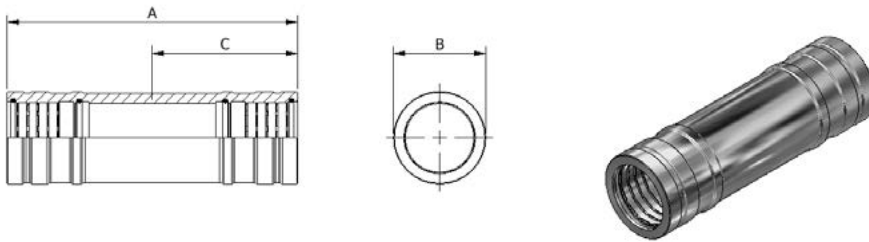
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ORDER EXAMPLE:
DM60002G04

Coupling with Inner Stop, OD Tube - DM60002

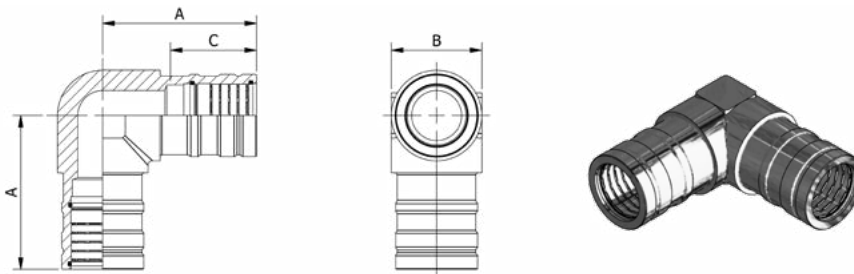
Size OD	Part Number	Dimensions - Inch (mm)			*Weight K & G lbs (kg)
		A	B	C Insertion Depth	
1/4"	DM60002*04	1.56 (39.52)	0.39 (9.91)	0.75 (19.05)	0.02 (0.01)
3/8"	DM60002*06	1.89 (47.96)	0.55 (13.97)	0.92 (23.37)	0.05 (0.02)
1/2"	DM60002*08	2.23 (56.59)	0.75 (19.05)	1.09 (27.69)	0.11 (0.05)
5/8"	DM60002*10	2.57 (65.28)	0.93 (23.62)	1.26 (32.00)	0.21 (0.10)
3/4"	DM60002*12	2.90 (73.56)	1.09 (27.69)	1.42 (36.07)	0.30 (0.14)
1"	DM60002*16	3.46 (87.78)	1.41 (35.81)	1.70 (43.18)	0.61 (0.28)
1-1/4"	DM60002*20	3.93 (99.85)	1.73 (43.94)	1.94 (49.28)	1.04 (0.47)
1-1/2"	DM80002*38	4.34 (110.24)	2.05 (52.07)	2.15 (54.61)	1.57 (0.71)
2"	DM60002*32	5.05 (128.27)	2.58 (65.53)	2.50 (63.50)	2.49 (1.13)

DM 60 Series – OD Tube



Extra Long Coupling, OD Tube - DM60301

Size OD	Part Number	Dimensions - Inch (mm)			*Weight K & G lbs (kg)
		A	B	C Insertion Depth	
1/4"	DM60301*04	3.00 (76.20)	0.39 (9.91)	0.75 (19.05)	0.05 (0.02)
3/8"	DM60301*06	3.75 (95.25)	0.55 (13.97)	0.92 (23.34)	0.11 (0.05)
1/2"	DM60301*08	4.38 (111.13)	0.75 (19.05)	1.09 (27.66)	0.23 (0.10)
5/8"	DM80301*16	5.04 (128.02)	2.48 (62.99)	1.26 (32.00)	0.45 (0.20)
3/4"	DM60301*12	5.75 (146.05)	1.09 (27.69)	1.42 (36.10)	0.60 (0.27)
1"	DM20601*16	6.75 (171.45)	1.41 (35.81)	1.70 (43.18)	1.18 (0.54)
1-1/4"	DM60301*20	5.88 (149.23)	1.73 (43.94)	1.94 (49.30)	1.54 (0.70)
1 1/2"	DM60301*24	6.50 (165.10)	2.06 (52.20)	2.15 (54.61)	2.42 (1.10)
2"	DM60301*32	7.50 (190.50)	2.58 (65.40)	2.50 (63.50)	3.63 (1.65)



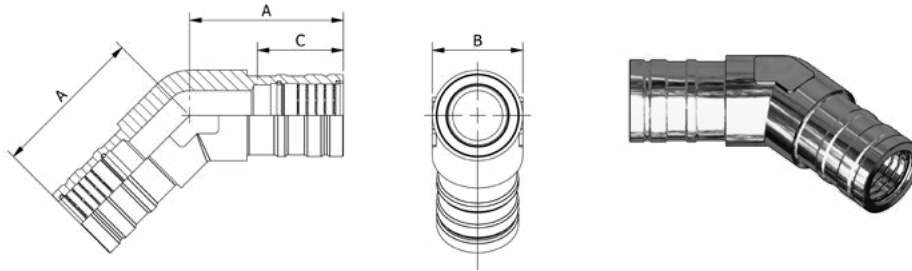
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ORDER EXAMPLE:
DM60003G04

90° Elbow, OD Tube - DM60003

Size OD	Part Number	Dimensions - Inch (mm)			*Weight K & G lbs (kg)
		A	B	C Insertion Depth	
1/4"	DM60003*04	1.20 (30.43)	0.47 (11.94)	0.75 (19.05)	0.05 (0.02)
3/8"	DM60003*06	1.50 (38.10)	0.63 (16.00)	0.92 (23.37)	0.12 (0.05)
1/2"	DM60003*08	1.75 (44.45)	0.86 (21.84)	1.09 (27.69)	0.26 (0.12)
5/8"	DM60003*10	2.00 (50.80)	1.06 (26.92)	1.26 (32.00)	0.47 (0.21)
3/4"	DM60003*12	2.68 (68.07)	1.30 (33.02)	1.42 (36.07)	0.91 (0.41)
1"	DM60003*16	3.03 (76.96)	1.58 (40.13)	1.70 (43.18)	1.54 (0.70)
1-1/4"	DM60003*20	3.40 (86.36)	1.97 (50.04)	1.94 (49.28)	2.70 (1.22)
1-1/2"	DM80003*38	4.25 (107.95)	2.50 (63.50)	2.15 (54.61)	5.42 (2.46)
2"	DM60003*32	4.54 (115.32)	2.81 (71.37)	2.50 (63.50)	6.85 (3.11)

DM 60 Series – OD Tube

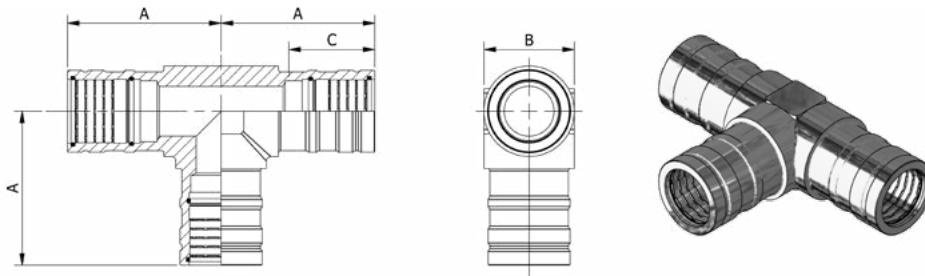


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ORDER EXAMPLE:
DM60017G04

45° Elbow, OD Tube - DM60017

Size OD	Part Number	Dimensions - Inch (mm)			*Weight K & G lbs (kg)
		A	B	C Insertion Depth	
1/4"	DM60017*04	1.20 (30.43)	0.47 (11.94)	0.75 (19.05)	0.05 (0.02)
3/8"	DM60017*06	1.50 (38.10)	0.63 (16.00)	0.92 (23.37)	0.12 (0.05)
1/2"	DM60017*08	1.75 (44.45)	0.86 (21.84)	1.09 (27.69)	0.27 (0.12)
5/8"	DM60017*10	2.00 (50.80)	1.06 (26.92)	1.26 (32.00)	0.48 (0.22)
3/4"	DM60017*12	2.68 (68.07)	1.30 (33.02)	1.42 (36.07)	0.92 (0.42)
1"	DM60017*16	3.03 (76.96)	1.58 (40.13)	1.70 (43.18)	1.57 (0.71)
1-1/4"	DM60017*20	3.40 (86.36)	1.97 (50.04)	1.94 (49.28)	2.76 (1.25)
1-1/2"	DM80017*38	4.25 (107.95)	2.50 (63.50)	2.15 (54.61)	5.08 (2.30)
2"	DM60017*32	4.54 (115.32)	2.81 (71.37)	2.50 (63.50)	7.17 (3.25)



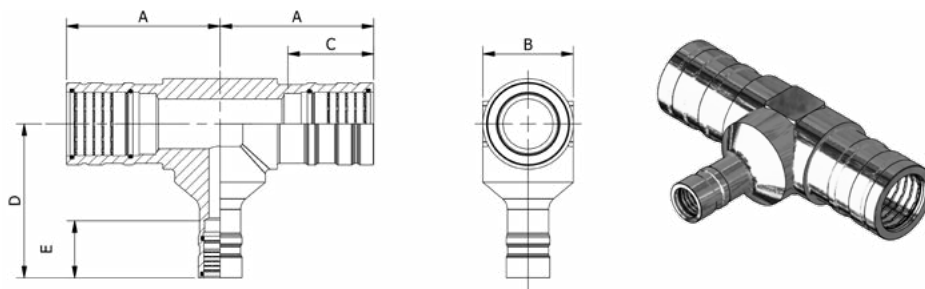
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ORDER EXAMPLE:
DM60004G04

Tee, OD Tube - DM60004

Size OD	Part Number	Dimensions - Inch (mm)			*Weight K & G lbs (kg)
		A	B	C Insertion Depth	
1/4"	DM60004*04	1.20 (30.43)	0.47 (11.94)	0.75 (19.05)	0.07 (0.03)
3/8"	DM60004*06	1.50 (38.10)	0.63 (16.00)	0.92 (23.37)	0.16 (0.07)
1/2"	DM60004*08	1.75 (44.45)	0.86 (21.84)	1.09 (27.69)	0.35 (0.16)
5/8"	DM60004*10	2.00 (50.80)	1.06 (26.92)	1.26 (32.00)	0.63 (0.29)
3/4"	DM60004*12	2.68 (68.07)	1.30 (33.02)	1.42 (36.07)	1.22 (0.55)
1"	DM60004*16	3.03 (76.96)	1.58 (40.13)	1.70 (43.18)	2.08 (0.94)
1-1/4"	DM60004*20	3.40 (86.36)	1.97 (50.04)	1.94 (49.28)	3.48 (1.58)
1-1/2"	DM80004*38	4.25 (107.95)	2.50 (63.50)	2.15 (54.61)	6.61 (3.00)
2"	DM60004*32	4.54 (115.32)	2.81 (71.37)	2.50 (63.50)	9.19 (4.17)

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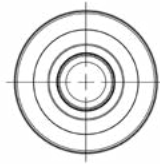
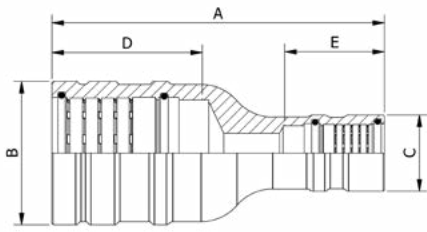
ORDER EXAMPLE:
DM60104G0604

OTHER CONFIGURATIONS AVAILABLE.
CONTACT FACTORY FOR DETAILS.

Reducing Tee, OD Tube - DM60104

Run Size OD	Branch Size OD	Part Number	Dimensions - Inch (mm)					*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	E Insertion Depth	
3/8"	1/4"	DM60104*0604	1.50 (38.10)	0.63 (16.00)	0.92 (23.37)	1.50 (38.10)	0.75 (19.05)	0.16 (0.07)
1/2"	1/4"	DM60104*0804	1.75 (44.45)	0.86 (21.84)	1.09 (27.69)	1.75 (44.45)	0.75 (19.05)	0.34 (0.15)
1/2"	3/8"	DM60104*0806	1.75 (44.45)	0.86 (21.84)	1.09 (27.69)	1.75 (44.45)	0.92 (23.37)	0.33 (0.15)
5/8"	3/8"	DM60104*1006	2.00 (50.80)	1.06 (26.92)	1.26 (32.00)	1.75 (44.45)	0.92 (23.37)	0.55 (0.25)
5/8"	1/2"	DM60104*1008	2.00 (50.80)	1.06 (26.92)	1.26 (32.00)	2.00 (50.80)	1.09 (27.69)	0.59 (0.27)
3/4"	5/8"	DM60104*1210	2.68 (68.07)	1.30 (33.02)	1.42 (36.07)	2.68 (68.07)	1.26 (32.00)	1.16 (0.53)
1"	1/2"	DM60104*1608	3.03 (76.96)	1.58 (40.13)	1.70 (43.18)	3.03 (76.96)	1.09 (27.69)	2.05 (0.93)
1"	5/8"	DM60104*1610	3.03 (76.96)	1.58 (40.13)	1.70 (43.18)	3.03 (76.96)	1.26 (32.00)	2.03 (0.92)
1"	3/4"	DM60104*1612	3.03 (76.96)	1.58 (40.13)	1.70 (43.18)	3.03 (76.96)	1.42 (36.07)	1.92 (0.87)
1-1/4"	1/2"	DM60104*2008	3.40 (86.36)	1.97 (50.04)	1.94 (49.28)	3.03 (76.95)	1.09 (27.69)	3.46 (1.57)
1-1/4"	3/4"	DM60104*2012	3.40 (86.36)	1.97 (50.04)	1.94 (49.28)	3.37 (85.60)	1.42 (36.07)	3.27 (1.48)
1-1/4"	1"	DM60104*2016	3.40 (86.36)	1.97 (50.04)	1.94 (49.28)	3.37 (85.60)	1.70 (43.18)	3.42 (1.55)
1-1/2"	3/4"	DM60104*2412	4.25 (107.95)	2.50 (63.50)	2.15 (54.61)	3.75 (95.25)	1.42 (36.07)	6.77 (3.07)
1-1/2"	1"	DM60104*2416	4.25 (107.95)	2.50 (63.50)	2.15 (54.61)	4.25 (107.95)	1.70 (43.18)	6.84 (3.10)
1-1/2"	1-1/4"	DM60104*2420	4.25 (107.95)	2.50 (63.50)	2.15 (54.61)	4.25 (107.95)	1.94 (49.28)	6.85 (3.11)
2"	1"	DM60104*3216	4.54 (115.32)	2.81 (71.37)	2.50 (63.50)	4.54 (115.32)	1.70 (43.18)	8.90 (4.04)
2"	1-1/4"	DM60104*3220	4.54 (115.32)	2.81 (71.37)	2.50 (63.50)	4.54 (115.32)	1.94 (49.28)	9.02 (4.09)
2"	1-1/2"	DM60104*3224	4.54 (115.32)	2.81 (71.37)	2.50 (63.50)	4.54 (115.32)	2.20 (55.88)	8.95 (4.06)

DM 60 Series – OD Tube



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ORDER EXAMPLE:

DM60101G0604

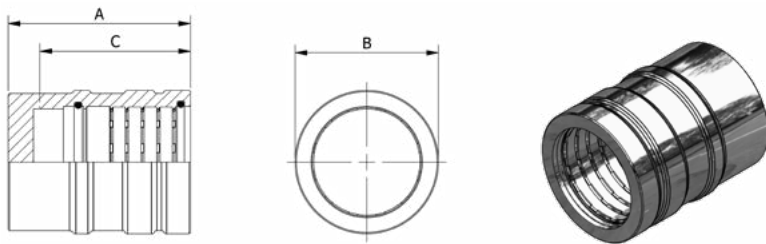
OTHER CONFIGURATIONS AVAILABLE.

CONTACT FACTORY FOR DETAILS.

Reducer, OD Tube - DM60101

End 1 Size OD	End 2 Size OD	Part Number	Dimensions - Inch (mm)					*Weight K & G lbs (kg)
			A	B	C	D Insertion Depth	E Insertion Depth	
3/8"	1/4"	DM60101*0604	2.00 (50.80)	0.55 (13.97)	0.39 (9.91)	0.92 (23.37)	0.75 (19.05)	0.04 (0.02)
1/2"	1/4"	DM60101*0804	2.25 (57.15)	0.75 (19.05)	0.39 (9.91)	1.09 (27.69)	0.75 (19.05)	0.08 (0.04)
1/2"	3/8"	DM60101*0806	2.38 (60.45)	0.75 (19.05)	0.55 (13.97)	1.09 (27.69)	0.92 (23.37)	0.09 (0.04)
5/8"	3/8"	DM60101*1006	2.88 (73.15)	0.93 (23.62)	0.55 (13.97)	1.26 (32.00)	0.92 (23.37)	0.15 (0.07)
5/8"	1/2"	DM60101*1008	2.88 (73.15)	0.93 (23.62)	0.75 (19.05)	1.26 (32.00)	1.09 (27.69)	0.16 (0.07)
3/4"	1/2"	DM60101*1208	3.50 (88.90)	1.09 (27.69)	0.75 (19.05)	1.42 (36.07)	1.09 (27.69)	0.28 (0.13)
3/4"	5/8"	DM60101*1210	3.50 (88.90)	1.09 (27.69)	0.93 (23.62)	1.42 (36.07)	1.26 (32.00)	0.33 (0.15)
1"	5/8"	DM60101*1610	3.63 (92.20)	1.41 (35.81)	0.93 (23.62)	1.70 (43.18)	1.26 (32.00)	0.53 (0.24)
1"	3/4"	DM60101*1612	4.25 (107.95)	1.41 (35.81)	1.09 (27.69)	1.70 (43.18)	1.42 (36.07)	0.62 (0.28)
1-1/4"	3/4"	DM60101*2012	4.50 (114.30)	1.73 (43.94)	1.09 (27.69)	1.94 (49.28)	1.42 (36.07)	0.87 (0.39)
1-1/4"	1"	DM60101*2016	4.50 (114.30)	1.73 (43.94)	1.41 (35.81)	1.94 (49.28)	1.70 (43.18)	1.05 (0.48)
1-1/2"	1"	DM60101*2416	5.00 (127.00)	2.05 (52.07)	1.41 (35.81)	2.15 (54.61)	1.70 (43.18)	1.55 (0.70)
1-1/2"	1-1/4"	DM60101*2420	5.00 (127.00)	2.05 (52.07)	1.73 (43.94)	2.15 (54.61)	1.94 (49.28)	1.65 (0.75)
2"	1-1/4"	DM60101*3220	5.75 (146.05)	2.58 (65.53)	1.73 (43.94)	2.50 (63.50)	1.94 (49.28)	2.59 (1.17)
2"	1-1/2"	DM60101*3224	6.00 (152.40)	2.58 (65.53)	2.06 (52.32)	2.50 (63.50)	2.20 (55.88)	2.90 (1.32)

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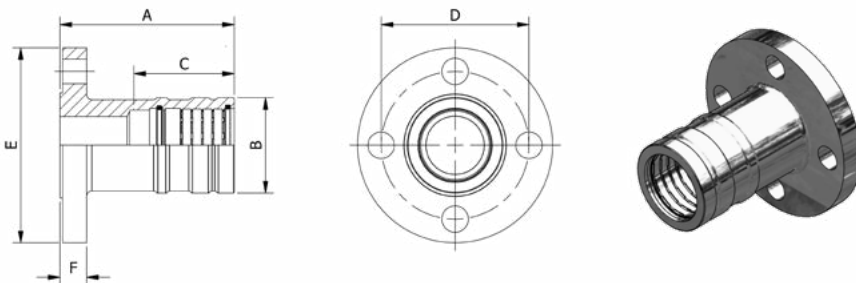


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ORDER EXAMPLE:
DM60085G04

End Cap, OD Tube - DM60085

Size OD	Part Number	Dimensions - Inch (mm)			*Weight K & G lbs (kg)
		A	B	C Insertion Depth	
1/4"	DM60085*04	1.00 (25.40)	0.39 (9.91)	0.75 (19.05)	0.02 (0.01)
3/8"	DM60085*06	1.25 (31.75)	0.55 (13.97)	0.92 (23.37)	0.04 (0.02)
1/2"	DM60085*08	1.38 (35.05)	0.75 (19.05)	1.09 (27.69)	0.08 (0.04)
5/8"	DM60085*10	1.50 (38.10)	0.93 (23.62)	1.26 (32.00)	0.13 (0.06)
3/4"	DM60085*12	1.75 (44.45)	1.09 (27.69)	1.42 (36.07)	0.21 (0.10)
1"	DM60085*16	2.25 (57.15)	1.41 (35.81)	1.70 (43.18)	0.50 (0.23)
1-1/4"	DM60085*20	2.38 (60.45)	1.73 (43.94)	1.94 (49.28)	0.75 (0.34)
1-1/2"	DM80085*38	2.63 (66.80)	2.05 (52.07)	2.15 (54.61)	1.36 (0.62)
2"	DM60085*32	3.00 (76.20)	2.58 (65.53)	2.50 (63.50)	1.80 (0.82)



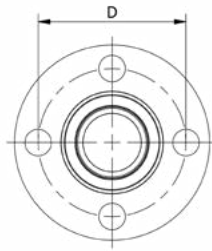
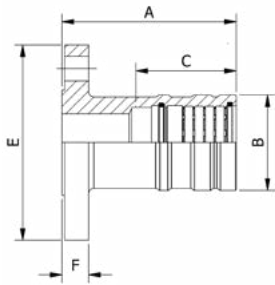
*MATERIAL CODE:
K = STAINLESS STEEL
G = CARBON STEEL
B = COPPER NICKEL 70/30

ORDER EXAMPLE:
DM60018G08

Flange – ANSI 150#, OD Tube - DM60018

Size OD	Flange Size	Part Number	Dimensions - Inch (mm)						Bolt Size	*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	E	F		
1/2"	1/2"	DM60018*08	2.38 (60.45)	0.75 (19.05)	1.09 (27.69)	2.38 (60.45)	3.50 (88.90)	0.44 (11.18)	1/2" UNC	1.06 (0.48)
3/4"	3/4"	DM60018*12	3.13 (79.50)	1.09 (27.69)	1.42 (36.07)	2.75 (69.85)	3.88 (98.55)	0.50 (12.70)	1/2" UNC	1.69 (0.77)
1"	1"	DM60018*16	3.63 (92.20)	1.41 (35.81)	1.70 (43.18)	3.12 (79.25)	4.25 (107.95)	0.56 (14.22)	1/2" UNC	2.73 (1.24)
1-1/4"	1-1/4"	DM60018*20	4.00 (101.60)	1.73 (43.94)	1.94 (49.28)	3.50 (88.90)	4.62 (117.35)	0.63 (16.00)	1/2" UNC	3.51 (1.59)
1-1/2"	1-1/2"	DM60018*24	4.25 (107.95)	2.05 (52.07)	2.15 (54.61)	3.88 (98.55)	5.00 (127.00)	0.75 (19.05)	1/2" UNC	4.98 (2.26)
2"	2"	DM60018*32	5.50 (139.70)	2.58 (65.53)	2.50 (63.50)	4.75 (120.65)	6.00 (152.40)	0.75 (19.05)	5/8" UNC	7.66 (3.47)

DM 60 Series – OD Tube



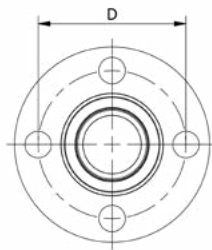
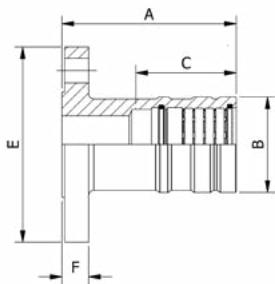
*MATERIAL CODE:
K = STAINLESS STEEL
G = CARBON STEEL
B = COPPER NICKEL 70/30

ORDER EXAMPLE:
DM60019G08

Flange – ANSI 300#, OD Tube - DM60019

Size OD	Flange Size	Part Number	Dimensions - Inch (mm)						Bolt Size	*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	E	F		
1/2"	1/2"	DM60019*08	2.88 (73.15)	0.75 (19.05)	1.09 (27.69)	2.63 (66.80)	3.75 (95.25)	0.56 (14.22)	1/2" UNC	1.67 (0.76)
3/4"	3/4"	DM60019*12	3.75 (95.25)	1.09 (27.69)	1.42 (36.07)	3.25 (82.55)	4.62 (117.35)	0.63 (16.00)	5/8" UNC	3.00 (1.36)
1"	1"	DM60019*16	3.88 (98.55)	1.41 (35.81)	1.70 (43.18)	3.50 (88.90)	4.88 (123.95)	0.69 (17.53)	5/8" UNC	3.79 (1.72)
1-1/4"	1-1/4"	DM60019*20	4.25 (107.95)	1.73 (43.94)	1.94 (49.28)	3.88 (98.55)	5.25 (133.35)	0.75 (19.05)	5/8" UNC	5.07 (2.30)
1-1/2"	1-1/2"	DM60019*24	4.50 (114.30)	2.05 (52.07)	2.20 (55.88)	4.50 (114.30)	6.12 (155.45)	0.81 (20.57)	3/4" UNC	7.37 (3.34)
**2"	2"	DM60019*32	5.13 (130.30)	2.58 (65.53)	2.50 (63.50)	5.00 (127.00)	6.50 (165.10)	0.88 (22.35)	5/8" UNC	9.09 (4.12)

**2" ANSI 300# Flange has 8 Bolts.



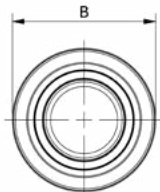
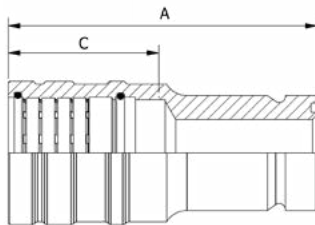
*MATERIAL CODE:
K = STAINLESS STEEL
G = CARBON STEEL
B = COPPER NICKEL 70/30

ORDER EXAMPLE:
DM60027G08

Flange – ANSI 600#, OD Tube - DM60027

Size OD	Flange Size	Part Number	Dimensions - Inch (mm)						Bolt Size	*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	E	F		
1/2"	1/2"	DM60027*08	3.13 (79.50)	0.75 (19.05)	1.09 (27.69)	2.63 (66.80)	3.75 (95.25)	0.81 (20.57)	1/2" UNC	1.92 (0.87)
3/4"	3/4"	DM60027*12	3.75 (95.25)	1.09 (27.69)	1.42 (36.07)	3.25 (82.55)	4.63 (117.60)	0.88 (22.35)	5/8" UNC	3.31 (1.51)
1"	1"	DM60027*16	3.88 (98.55)	1.41 (35.81)	1.70 (43.18)	3.50 (88.90)	4.88 (123.95)	0.94 (23.88)	5/8" UNC	4.31 (1.51)
1-1/4"	1-1/4"	DM60027*20	4.50 (114.30)	1.73 (43.94)	1.94 (49.28)	3.88 (98.55)	5.25 (133.35)	1.06 (26.92)	5/8" UNC	6.04 (2.74)
1-1/2"	1-1/2"	DM60027*24	4.63 (117.60)	2.05 (52.07)	2.15 (54.61)	4.50 (98.55)	6.13 (155.70)	1.13 (28.70)	3/4" UNC	8.45 (3.83)
2"	2"	DM60027*32	5.75 (146.05)	2.58 (65.53)	2.50 (63.50)	5.00 (127.00)	6.50 (165.10)	1.25 (31.75)	5/8" UNC	10.41 (4.72)

DM 60 Series – OD Tube

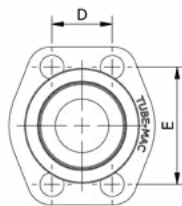
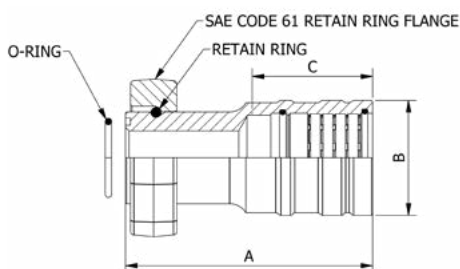


*MATERIAL CODE:
K = STAINLESS STEEL
G = CARBON STEEL
B = COPPER NICKEL 70/30

ORDER EXAMPLE:
DM60090G08

SAE Flange Body, OD Tube - DM60090

Size OD	Flange Size	Part Number	Dimensions - Inch (mm)			*Weight K & G lbs (kg)
			A	B	C Insertion Depth	
1/2"	1/2"	DM60090*08	2.50 (63.50)	0.75 (19.05)	1.09 (27.69)	0.28 (0.13)
3/4"	3/4"	DM60090*12	3.38 (85.85)	1.09 (27.69)	1.42 (36.07)	0.66 (0.30)
1"	1"	DM60090*16	3.50 (88.90)	1.41 (35.81)	1.70 (43.18)	0.87 (0.39)
1-1/4"	1-1/4"	DM60090*20	4.00 (101.60)	1.73 (43.94)	1.94 (49.28)	2.23 (1.01)
1-1/2"	1-1/2"	DM80090*3824	4.43 (112.52)	2.05 (52.07)	2.15 (54.61)	2.13 (0.97)
2"	2"	DM60090*32	5.63 (143.00)	2.58 (65.53)	2.50 (63.50)	3.49 (1.58)



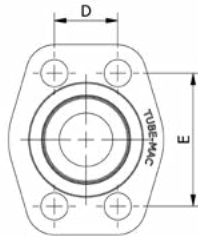
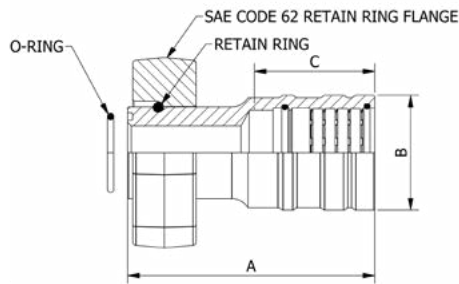
*MATERIAL CODE:
K = STAINLESS STEEL
G = CARBON STEEL
B = COPPER NICKEL 70/30

ORDER EXAMPLE:
DM60091G08

SAE Code 61 Flange, OD Tube - DM60091

Size OD	Flange Size	Part Number	Dimensions - Inch (mm)					Bolt Minimum Grade 8	*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	E		
1/2"	1/2"	DM60091*08	2.50 (63.50)	0.75 (19.05)	1.09 (27.69)	0.69 (17.53)	1.50 (38.10)	5/16" UNC	0.74 (0.34)
3/4"	3/4"	DM60091*12	3.38 (85.85)	1.09 (27.69)	1.42 (36.07)	0.88 (22.35)	1.88 (47.75)	3/8" UNC	1.16 (0.53)
1"	1"	DM60091*16	3.50 (88.90)	1.41 (35.81)	1.70 (43.18)	1.03 (26.16)	2.06 (52.32)	3/8" UNC	1.50 (0.68)
1-1/4"	1-1/4"	DM60091*20	4.00 (101.60)	1.73 (43.94)	1.94 (49.28)	1.19 (30.23)	2.31 (58.67)	7/16" UNC	3.13 (1.42)
1-1/2"	1-1/2"	DM80091*3824	4.50 (114.30)	2.05 (52.07)	2.15 (54.61)	1.41 (35.81)	2.75 (69.85)	1/2" UNC	3.48 (1.58)
2"	2"	DM60091*32	5.63 (143.00)	2.58 (65.53)	2.50 (63.50)	1.69 (42.93)	3.06 (77.72)	1/2" UNC	5.51 (2.50)

DM 60 Series – OD Tube

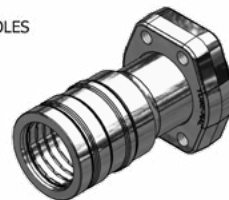
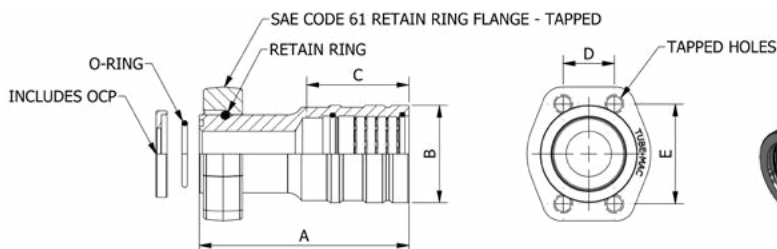


*MATERIAL CODE:
K = STAINLESS STEEL
G = CARBON STEEL
B = COPPER NICKEL 70/30

ORDER EXAMPLE:
DM60092G08

SAE Code 62 Flange, OD Tube - DM60092

Size OD	Flange Size	Part Number	Dimensions - Inch (mm)					Bolt Minimum Grade 8	*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	E		
1/2"	1/2"	DM60092*08	2.50 (63.50)	0.75 (19.05)	1.09 (27.69)	0.72 (18.29)	1.59 (40.39)	5/16" UNC	0.74 (0.34)
3/4"	3/4"	DM60092*12	3.38 (85.85)	1.09 (27.69)	1.42 (36.07)	0.94 (23.88)	2.00 (50.80)	3/8" UNC	1.47 (0.67)
1"	1"	DM60092*16	3.50 (88.90)	1.41 (35.81)	1.70 (43.18)	1.09 (27.69)	2.25 (57.15)	7/16" UNC	2.13 (0.97)
1-1/4"	1-1/4"	DM60092*20	4.00 (101.60)	1.73 (43.94)	1.94 (49.28)	1.25 (31.75)	2.62 (66.50)	1/2" UNC	4.18 (1.90)
1-1/2"	1-1/2"	DM80092*3824	4.50 (114.30)	2.05 (52.07)	2.15 (54.61)	1.44 (36.58)	3.13 (79.50)	5/8" UNC	5.01 (2.27)
2"	2"	DM60092*32	5.63 (143.00)	2.58 (65.53)	2.50 (63.50)	1.75 (44.45)	3.81 (96.77)	3/4" UNC	8.89 (4.03)



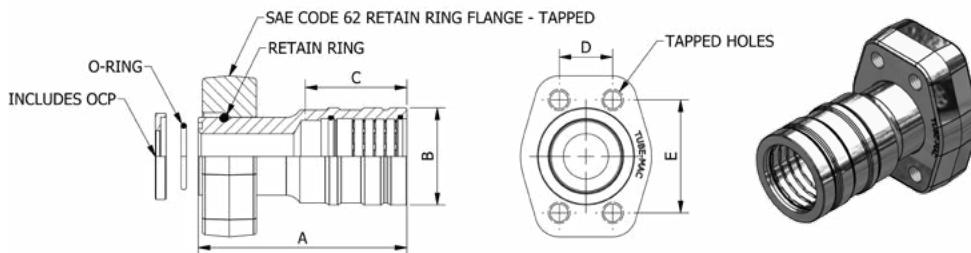
*MATERIAL CODE:
K = STAINLESS STEEL
G = CARBON STEEL
B = COPPER NICKEL 70/30

ORDER EXAMPLE:
DM60095G08

SAE Code 61 Tapped Flange, OD Tube - DM60095

Size OD	Flange Size	Part Number	Dimensions - Inch (mm)					Tap UNC-2B	*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	E		
1/2"	1/2"	DM60095*08	2.50 (63.50)	0.75 (19.05)	1.09 (27.69)	0.69 (17.53)	1.50 (38.10)	5/16"-18	0.74 (0.34)
3/4"	3/4"	DM60095*12	3.38 (85.85)	1.09 (27.69)	1.42 (36.07)	0.88 (22.35)	1.88 (47.75)	3/8"-16	1.16 (0.53)
1"	1"	DM60095*16	3.50 (88.90)	1.41 (35.81)	1.70 (43.18)	1.03 (26.16)	2.06 (52.32)	3/8"-16	1.50 (0.68)
1-1/4"	1-1/4"	DM60095*20	4.00 (101.60)	1.73 (43.94)	1.94 (49.28)	1.19 (30.23)	2.31 (58.67)	7/16"-14	3.13 (1.42)
1-1/2"	1-1/2"	DM60095*24	4.50 (114.30)	2.05 (52.07)	2.15 (54.61)	1.41 (35.81)	2.75 (69.85)	1/2"-13	3.48 (1.58)
2"	2"	DM60095*32	5.63 (143.00)	2.58 (65.53)	2.50 (63.50)	1.69 (42.93)	3.06 (77.72)	1/2"-13	5.51 (2.50)

DM 60 Series – OD Tube



*MATERIAL CODE:

K = STAINLESS STEEL

G = CARBON STEEL

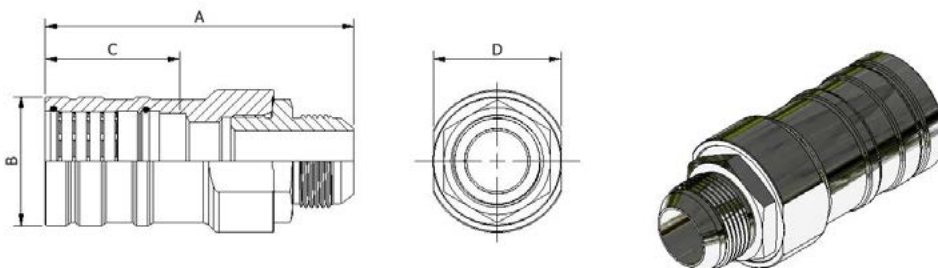
B = COPPER NICKEL 70/30

ORDER EXAMPLE:

DM60096G08

SAE Code 62 Tapped Flange, OD Tube - DM60096

Size OD	Flange Size	Part Number	Dimensions - Inch (mm)					Tap UNC-2B	*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	E		
1/2"	1/2"	DM60096*08	2.50 (63.50)	0.75 (19.05)	1.09 (27.69)	0.72 (18.29)	1.59 (40.39)	5/16"-18	0.74 (0.34)
3/4"	3/4"	DM60096*12	3.38 (85.85)	1.09 (27.69)	1.42 (36.07)	0.94 (23.88)	2.00 (50.80)	3/8"-16	1.47 (0.67)
1"	1"	DM60096*16	3.50 (88.90)	1.41 (35.81)	1.70 (43.18)	1.09 (27.69)	2.25 (57.15)	7/16"-14	2.13 (0.97)
1-1/4"	1-1/4"	DM60096*20	4.00 (101.60)	1.73 (43.94)	1.94 (49.28)	1.25 (31.75)	2.62 (66.50)	1/2"-13	4.18 (1.90)
1-1/2"	1-1/2"	DM60096*24	4.50 (114.30)	2.05 (52.07)	2.15 (54.61)	1.44 (36.58)	3.13 (79.50)	5/8"-11	5.01 (2.27)
2"	2"	DM60096*32	5.63 (143.00)	2.58 (65.53)	2.50 (63.50)	1.75 (44.45)	3.81 (96.77)	3/4"-10	8.89 (4.03)



*MATERIAL CODE:

K = STAINLESS STEEL

G = CARBON STEEL

B = COPPER NICKEL 70/30

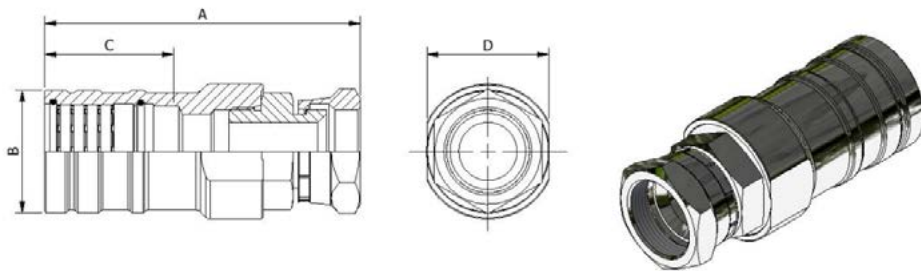
ORDER EXAMPLE:

DM60055G04

JIC 37° Male, OD Tube - A-DM60055 (Assembly - Comprises DM60087 & DM60164)

Size OD	JIC Size	Part Number	Dimensions - Inch (mm)				*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	
1/4"	04	A-DM60055*04	2.52 (64.10)	0.39 (9.91)	0.75 (19.05)	0.75 (19.05)	0.16 (0.07)
3/8"	06	A-DM60055*06	2.80 (71.10)	0.55 (13.97)	0.92 (23.34)	0.88 (22.23)	0.23 (0.10)
1/2"	08	A-DM60055*08	3.42 (86.70)	0.75 (19.05)	1.09 (27.66)	1.13 (28.58)	0.40 (0.18)
5/8"	10	A-DM60055*10	3.79 (96.30)	0.93 (23.62)	1.26 (32.00)	1.13 (28.58)	0.65 (0.29)
3/4"	12	A-DM60055*12	4.59 (116.50)	1.09 (27.69)	1.42 (36.10)	1.50 (38.10)	1.04 (0.47)
1"	16	A-DM60055*16	4.79 (121.60)	1.41 (35.81)	1.70 (43.18)	1.75 (44.45)	1.48 (0.67)
1-1/4"	20	A-DM60055*20	5.28 (134.10)	1.73 (43.94)	1.94 (49.30)	2.25 (57.15)	2.47 (1.12)
1 1/2"	24	A-DM60055*24	6.35 (161.30)	2.06 (52.20)	2.15 (54.61)	2.50 (63.50)	3.84 (1.74)
2"	32	A-DM60055*32	7.02 (178.30)	2.58 (65.40)	2.50 (63.50)	3.25 (82.55)	6.48 (2.94)

DM 60 Series – OD Tube

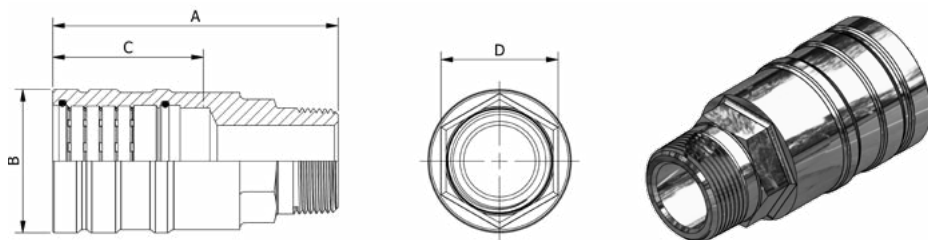


*MATERIAL CODE:
K = STAINLESS STEEL
G = CARBON STEEL
B = COPPER NICKEL 70/30

ORDER EXAMPLE:
DM60054G04

JIC 37° Female Swivel, OD Tube - A-DM60054 (Assembly - Comprises DM60087 & DM60155)

Size OD	JIC Size	Part Number	Dimensions - Inch (mm)				*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	
1/4"	04	A-DM60054*04	2.66 (67.50)	0.39 (9.91)	0.75 (19.05)	0.75 (19.05)	0.17 (0.08)
3/8"	06	A-DM60054*06	3.01 (76.40)	0.55 (13.97)	0.92 (23.34)	0.88 (22.23)	0.24 (0.11)
1/2"	08	A-DM60054*08	3.69 (93.70)	0.75 (19.05)	1.09 (27.66)	1.13 (28.58)	0.43 (0.19)
5/8"	10	A-DM60054*10	4.11 (104.40)	0.93 (23.62)	1.26 (32.00)	1.13 (28.58)	0.69 (0.31)
3/4"	12	A-DM60054*12	4.89 (124.20)	1.09 (27.69)	1.42 (36.10)	1.50 (38.10)	1.12 (0.51)
1"	16	A-DM60054*16	5.14 (130.50)	1.41 (35.81)	1.70 (43.18)	1.75 (44.45)	1.60 (0.73)
1-1/4"	20	A-DM60054*20	5.67 (144.00)	1.73 (43.94)	1.94 (49.30)	2.25 (57.15)	2.76 (1.25)
1 1/2"	24	A-DM60054*24	6.74 (171.10)	2.06 (52.20)	2.15 (54.61)	2.50 (63.50)	4.09 (1.86)
2"	32	A-DM60054*32	7.33 (186.10)	2.58 (65.40)	2.50 (63.50)	3.25 (82.55)	6.68 (3.03)



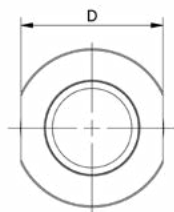
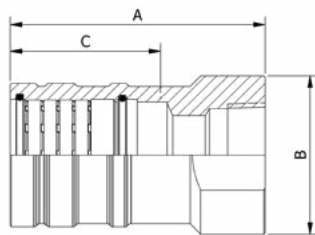
*MATERIAL CODE:
K = STAINLESS STEEL
G = CARBON STEEL
B = COPPER NICKEL 70/30

ORDER EXAMPLE:
DM60056G04

NPT Male, OD Tube - DM60056

Size OD	NPT Size	Part Number	Dimensions - Inch (mm)				*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	
1/4"	1/4"	DM60056*04	1.75 (44.45)	0.39 (9.91)	0.75 (19.05)	0.56 (14.22)	0.06 (0.03)
3/8"	3/8"	DM60056*06	2.06 (52.32)	0.55 (13.97)	0.92 (23.37)	0.75 (19.05)	0.12 (0.05)
1/2"	1/2"	DM60056*08	2.59 (65.79)	0.75 (19.05)	1.09 (27.69)	0.88 (22.35)	0.23 (0.10)
5/8"	1/2"	DM60056*1008	2.75 (69.85)	0.93 (23.62)	1.26 (32.00)	0.75 (19.05)	0.28 (0.13)
3/4"	3/4"	DM60056*12	3.25 (82.55)	1.09 (27.69)	1.42 (36.07)	1.25 (31.75)	0.52 (0.24)
1"	1"	DM60056*16	3.75 (95.25)	1.41 (35.81)	1.70 (43.18)	1.50 (38.10)	0.91 (0.41)
1-1/4"	1-1/4"	DM60056*20	3.88 (98.55)	1.73 (43.94)	1.94 (49.28)	1.75 (44.45)	1.31 (0.59)
1-1/2"	1-1/2"	DM60056*24	4.63 (117.60)	2.05 (52.07)	2.15 (54.61)	2.13 (54.10)	2.00 (0.91)
2"	2"	DM60056*32	4.63 (117.60)	2.58 (65.53)	2.50 (63.50)	2.63 (66.80)	2.62 (1.19)

DM 60 Series – OD Tube

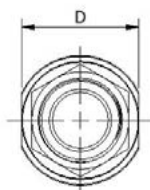
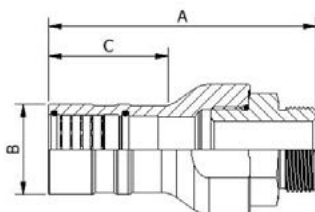


*MATERIAL CODE:
K = STAINLESS STEEL
G = CARBON STEEL
B = COPPER NICKEL 70/30

ORDER EXAMPLE:
DM60060G04

NPT Female, OD Tube - DM60060

Size OD	NPT Size	Part Number	Dimensions - Inch (mm)				*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	
1/4"	1/4"	DM60060*04	1.63 (41.40)	0.39 (9.91)	0.75 (19.05)	0.75 (19.05)	0.09 (0.04)
3/8"	3/8"	DM60060*06	2.00 (50.80)	0.55 (13.97)	0.92 (23.37)	0.88 (22.35)	0.14 (0.06)
1/2"	1/2"	DM60060*08	2.25 (57.15)	0.75 (19.05)	1.09 (27.69)	1.00 (25.40)	0.24 (0.11)
5/8"	1/2"	DM60060*1008	2.50 (63.50)	0.93 (23.62)	1.26 (32.00)	1.00 (25.40)	0.28 (0.13)
3/4"	3/4"	DM60060*12	3.00 (76.20)	1.09 (27.69)	1.42 (36.07)	1.38 (34.93)	0.46 (0.21)
1"	1"	DM60060*16	3.37 (85.60)	1.41 (35.81)	1.70 (43.18)	1.50 (38.10)	0.75 (0.35)
1-1/4"	1-1/4"	DM60060*20	3.63 (92.20)	1.73 (43.94)	1.94 (49.28)	2.00 (50.80)	1.22 (0.55)
1-1/2"	1-1/2"	DM60060*24	3.88 (98.55)	2.05 (52.07)	2.15 (54.61)	2.25 (57.15)	1.74 (0.79)
2"	2"	DM60060*32	4.13 (104.90)	2.58 (65.53)	2.50 (63.50)	2.75 (69.85)	2.34 (1.06)



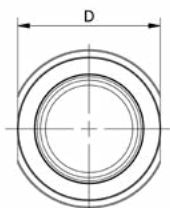
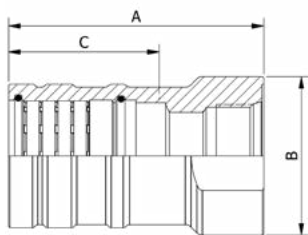
*MATERIAL CODE:
K = STAINLESS STEEL
G = CARBON STEEL
B = COPPER NICKEL 70/30

ORDER EXAMPLE:
DM60088G04

SAE Male, OD Tube - A-DM60088 (Assembly - Comprises DM60087 & DM60157)

Size OD	SAE Size	Part Number	Dimensions - Inch (mm)				*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	
1/4"	04	A-DM60088*04	2.41 (61.10)	0.39 (9.91)	0.75 (19.05)	0.75 (19.05)	0.16(0.07)
3/8"	06	A-DM60088*06	2.75 (69.90)	0.55 (13.97)	0.92 (23.34)	0.88 (22.23)	0.23 (0.10)
1/2"	08	A-DM60088*08	3.36 (85.40)	0.75 (19.05)	1.09 (27.66)	1.13 (28.60)	0.45 (0.21)
5/8"	10	A-DM60088*10	3.62 (91.95)	0.93 (23.62)	1.26 (32.00)	1.13 (28.60)	0.65 (0.29)
3/4"	12	A-DM60088*12	4.54 (115.40)	1.09 (27.69)	1.42 (36.10)	1.50 (38.10)	1.07 (0.49)
1"	16	A-DM60088*16	4.70 (119.30)	1.41 (35.81)	1.70 (43.18)	1.75 (44.45)	1.51 (0.68)
1-1/4"	20	A-DM60088*20	5.15 (130.90)	1.73 (43.94)	1.94 (49.30)	2.25 (57.15)	2.54 (1.15)

DM 60 Series – OD Tube

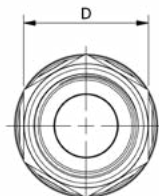
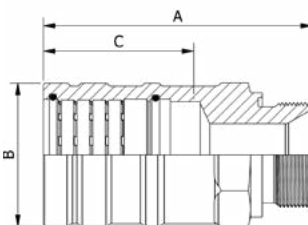


*MATERIAL CODE:
K = STAINLESS STEEL
G = CARBON STEEL
B = COPPER NICKEL 70/30

ORDER EXAMPLE:
DM60087G04

SAE Female, OD Tube - DM60087

Size OD	SAE Size	Part Number	Dimensions - Inch (mm)				*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	
1/4"	04	DM60087*04	1.75 (44.45)	0.88 (22.35)	0.75 (19.05)	0.75 (19.05)	0.11 (0.05)
3/8"	06	DM60087*06	2.00 (50.80)	1.25 (31.75)	0.92 (23.37)	0.88 (22.35)	0.16 (0.07)
1/2"	08	DM60087*08	2.50 (63.50)	1.25 (31.75)	1.09 (27.69)	1.13 (28.70)	0.26 (0.12)
5/8"	10	DM60087*10	2.75 (69.85)	1.50 (38.10)	1.26 (32.00)	1.13 (28.70)	0.45 (0.20)
3/4"	12	DM60087*12	3.38 (85.85)	1.75 (44.45)	1.42 (36.07)	1.50 (38.10)	0.70 (0.32)
1"	16	DM60087*16	3.50 (88.90)	1.98 (50.29)	1.70 (43.18)	1.75 (44.45)	1.00 (0.45)
1-1/4"	20	DM60087*20	3.88 (98.55)	2.50 (63.50)	1.94 (49.28)	2.25 (57.15)	1.73 (0.78)
1-1/2"	24	DM60087*24	4.75 (120.65)	2.75 (69.85)	2.15 (54.61)	2.50 (63.50)	2.83 (1.28)
2"	32	DM60087*32	5.00 (127.00)	3.63 (92.20)	2.50 (63.50)	3.25 (82.55)	4.35 (1.97)



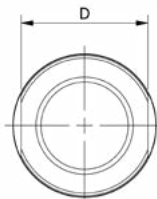
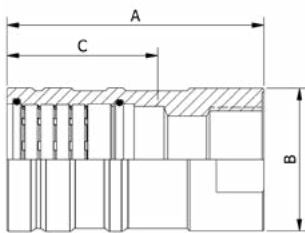
*MATERIAL CODE:
K = STAINLESS STEEL
G = CARBON STEEL
B = COPPER NICKEL 70/30

ORDER EXAMPLE:
DM60153G04

BSPP Male, OD Tube - DM60153

Size OD	BSPP Size	Part Number	Dimensions - Inch (mm)				*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	
1/4"	1/4"	DM60153*04	1.63 (41.40)	0.39 (9.91)	0.75 (19.05)	0.75 (19.05)	0.07 (0.03)
3/8"	3/8"	DM60153*06	2.00 (50.80)	0.55 (13.97)	0.92 (23.37)	0.87 (22.10)	0.11 (0.05)
1/2"	1/2"	DM60153*08	2.38 (60.45)	0.75 (19.05)	1.09 (27.69)	1.18 (29.97)	0.24 (0.11)
3/4"	3/4"	DM60153*12	3.25 (82.55)	1.09 (27.69)	1.42 (36.07)	1.42 (36.07)	0.53 (0.24)
1"	1"	DM60153*16	3.50 (88.90)	1.41 (35.81)	1.70 (43.18)	1.81 (45.97)	0.91 (0.41)
1-1/4"	1-1/4"	DM60153*20	3.88 (98.55)	1.73 (43.94)	1.94 (49.28)	1.97 (50.04)	1.41 (0.64)
1-1/2"	1-1/2"	DM80153*3824	4.59 (116.59)	2.05 (52.07)	2.15 (54.61)	2.17 (55.12)	2.14 (0.97)
2"	2"	DM60153*32	4.88 (123.95)	2.58 (65.53)	2.50 (63.50)	2.92 (74.17)	3.16 (1.43)

DM 60 Series – OD Tube

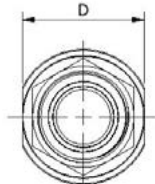
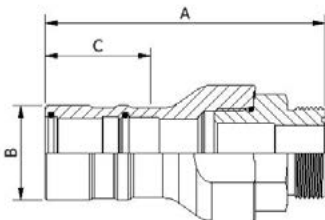


*MATERIAL CODE:
K = STAINLESS STEEL
G = CARBON STEEL
B = COPPER NICKEL 70/30

ORDER EXAMPLE:
DM60086G04

BSPP Female, OD Tube - DM60086

Size OD	BSPP Size	Part Number	Dimensions - Inch (mm)				*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	
1/4"	1/4"	DM60086*04	1.69 (42.86)	0.94 (23.03)	0.75 (19.05)	0.79 (20.00)	0.10 (0.05)
3/8"	3/8"	DM60086*06	2.13 (54.10)	1.06 (27.00)	0.92 (23.37)	0.95 (24.00)	0.16 (0.07)
1/2"	1/2"	DM60086*08	2.38 (60.33)	1.25 (31.75)	1.09 (27.69)	1.02 (26.00)	0.25 (0.11)
3/4"	3/4"	DM60086*12	3.13 (79.38)	1.50 (38.10)	1.42 (36.07)	1.26 (32.00)	0.53 (0.24)
1"	1"	DM60086*16	3.50 (88.90)	1.88 (47.63)	1.70 (43.18)	1.65 (42.00)	0.94 (0.43)
1-1/4"	1-1/4"	DM60086*20	3.88 (98.43)	2.25 (57.15)	1.94 (49.28)	2.05 (52.00)	1.49 (0.68)
1-1/2"	1-1/2"	DM80086*3824	4.40 (111.66)	2.75 (69.85)	2.15 (54.61)	2.52 (64.00)	2.60 (1.18)
2"	2"	DM60086*32	4.88 (123.83)	3.50 (88.90)	2.50 (63.50)	2.99 (76.00)	4.22 (1.91)



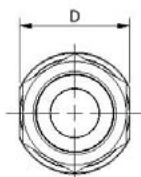
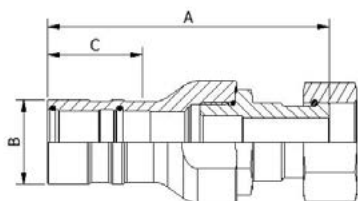
*MATERIAL CODE:
K = STAINLESS STEEL
G = CARBON STEEL
B = COPPER NICKEL 70/30

ORDER EXAMPLE:
DM60010G04

ORFS Male, OD Tube - A-DM60010 (Assembly - Comprises DM60087 & DM60166)

Size OD	ORFS Size	Part Number	Dimensions - Inch (mm)				*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	
1/4"	04	A-DM60010*04	2.42 (61.50)	0.39 (9.91)	0.75 (19.05)	0.75 (19.05)	0.17 (0.08)
3/8"	06	A-DM60010*06	2.76 (70.00)	0.55 (13.97)	0.92 (23.34)	0.88 (22.23)	0.26 (0.12)
1/2"	08	A-DM60010*08	3.34 (84.80)	0.75 (19.05)	1.09 (27.66)	1.13 (28.58)	0.46 (0.21)
5/8"	10	A-DM80010#1610	3.66 (92.91)	0.93 (23.62)	1.26 (32.00)	1.18 (30.00)	0.69 (0.31)
3/4"	12	A-DM60010*12	4.55 (115.50)	1.09 (27.69)	1.42 (36.07)	1.50 (38.10)	1.16 (0.53)
1"	16	A-DM60010*16	4.71 (119.70)	1.41 (35.81)	1.70 (43.18)	1.75 (44.45)	1.58 (0.72)
1-1/4"	20	A-DM60010*20	5.17 (131.20)	1.73 (43.94)	1.94 (49.28)	2.25 (57.15)	2.62 (1.19)

DM 60 Series – OD Tube

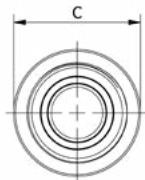
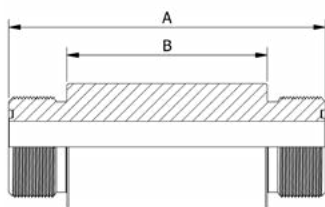


*MATERIAL CODE:
K = STAINLESS STEEL
G = CARBON STEEL
B = COPPER NICKEL 70/30

ORDER EXAMPLE:
DM60020G04

ORFS Female Swivel, OD Tube - A-DM60020 (Assembly - Comprises DM60087 & DM60156)

Size OD	ORFS Size	Part Number	Dimensions - Inch (mm)				*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	
1/4"	04	A-DM60020*04	2.75 (69.90)	0.39 (9.91)	0.75 (19.10)	0.75 (19.05)	0.20 (0.09)
3/8"	06	A-DM60020*06	3.07 (77.90)	0.55 (13.97)	0.92 (23.34)	0.88 (22.23)	0.32 (0.14)
1/2"	08	A-DM60020*08	3.87 (98.30)	0.75 (19.05)	1.09 (27.66)	1.13 (28.58)	0.53 (0.24)
5/8"	10	A-DM80020#1610	4.09 (103.91)	0.93 (23.62)	1.26 (32.00)	1.13 (28.60)	0.82 (0.37)
3/4"	12	A-DM60020*12	4.97 (126.20)	1.09 (27.69)	1.42 (36.07)	1.50 (38.10)	1.53 (0.69)
1"	16	A-DM60020*16	5.40 (137.20)	1.41 (35.81)	1.70 (43.18)	1.75 (44.45)	2.05 (0.93)
1-1/4"	20	A-DM60020*20	5.78 (146.70)	1.73 (43.94)	1.94 (49.28)	2.25 (57.15)	3.26 (1.48)



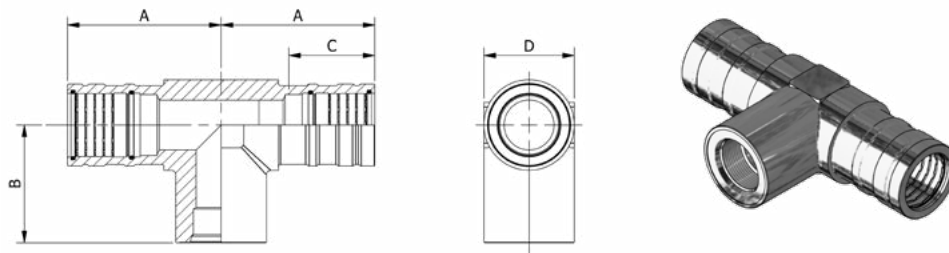
*MATERIAL CODE:
K = STAINLESS STEEL
G = CARBON STEEL
B = COPPER NICKEL 70/30

ORDER EXAMPLE:
DM60089G08

Weldable Bulkhead, OD Tube - DM60089

Size OD	ORFS Size	Part Number	Dimensions - Inch (mm)			Thread Details	*Weight K & G lbs (kg)
			A	B	C		
1/2"	08	DM60089*08	3.00 (76.20)	1.99 (50.55)	1.00 (25.40)	13/16"-16UNF-2A	0.49 (0.22)
3/4"	12	DM60089*12	3.75 (95.25)	2.37 (60.20)	1.50 (38.10)	1-3/16"-12UNF-2A	1.31 (0.59)
1"	16	DM60089*16	3.75 (95.25)	2.37 (60.20)	1.75 (44.45)	1-7/16"-12UNF-2A	1.70 (0.77)
1-1/4"	20	DM60089*20	4.00 (101.60)	2.62 (66.55)	2.00 (50.80)	1-11/16"-12UNF-2A	2.28 (1.03)
1-1/2"	24	DM60089*24	4.25 (107.95)	2.87 (72.90)	2.38 (60.45)	2"-12UNF-2A	2.89 (1.31)

DM 60 Series – OD Tube



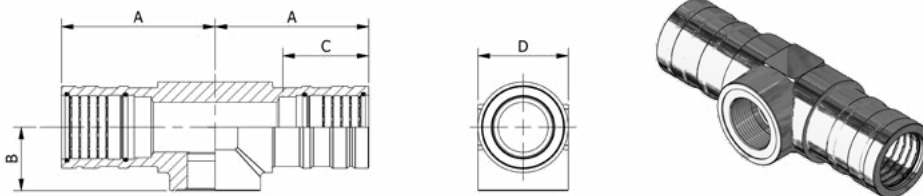
*MATERIAL CODE:
K = STAINLESS STEEL
G = CARBON STEEL
B = COPPER NICKEL 70/30

ORDER EXAMPLE:
DM60171G0804

OTHER CONFIGURATIONS AVAILABLE.
CONTACT FACTORY FOR DETAILS.

SAE Female Branch Tee, OD Tube - DM60171

Size OD	SAE Size	Part Number	Dimensions - Inch (mm)				*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	
1/2"	04	DM60171*0804	1.75 (44.45)	0.75 (19.05)	1.09 (27.69)	0.86 (21.84)	0.31 (0.14)
5/8"	06	DM60171*1006	2.00 (50.80)	1.00 (25.40)	1.26 (32.00)	1.06 (26.92)	0.57 (0.26)
3/4"	08	DM60171*1208	2.68 (68.07)	1.25 (31.75)	1.42 (36.07)	1.30 (33.02)	1.04 (0.47)
1"	10	DM60171*1610	3.03 (76.96)	1.50 (38.10)	1.70 (43.18)	1.58 (40.13)	1.86 (0.84)
1-1/4"	12	DM60171*2012	3.40 (86.36)	1.75 (44.45)	1.94 (49.28)	1.97 (50.04)	3.20 (1.46)
1-1/2"	16	DM60171*2416	4.25 (107.95)	2.00 (50.80)	2.20 (55.88)	2.50 (63.50)	6.23 (2.83)
2"	20	DM60171*3220	4.54 (115.32)	2.25 (57.15)	2.50 (63.50)	2.81 (71.37)	8.06 (3.66)



*MATERIAL CODE:
K = STAINLESS STEEL
G = CARBON STEEL
B = COPPER NICKEL 70/30

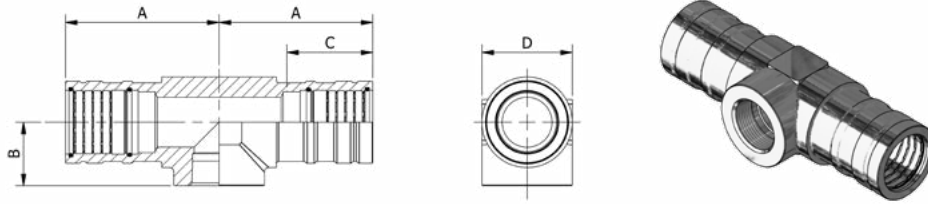
ORDER EXAMPLE:
DM60172G0804

OTHER CONFIGURATIONS AVAILABLE.
CONTACT FACTORY FOR DETAILS.

BSPP Female Branch Tee, OD Tube - DM60172

Size OD	BSPP Size	Part Number	Dimensions - Inch (mm)				*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	
1/2"	1/4"	DM60172*0804	1.75 (44.45)	0.75 (19.05)	1.09 (27.69)	0.86 (21.84)	0.30 (0.14)
3/4"	1/2"	DM60172*1208	2.68 (68.07)	1.25 (31.75)	1.42 (36.07)	1.30 (33.02)	1.06 (0.48)
1"	3/4"	DM60172*1612	3.03 (76.96)	1.50 (38.10)	1.70 (43.18)	1.58 (40.13)	1.78 (0.81)
1-1/4"	1"	DM60172*2016	3.37 (85.60)	1.75 (44.45)	1.94 (49.28)	1.97 (50.04)	3.09 (1.40)
1-1/2"	1-1/4"	DM80172*3820	4.25 (107.95)	1.63 (41.28)	2.15 (54.61)	2.50 (63.50)	5.53 (2.51)
2"	1-1/2"	DM60172*3224	4.54 (115.32)	2.25 (57.15)	2.50 (63.50)	2.69 (68.33)	7.78 (3.53)

DM 60 Series – OD Tube



*MATERIAL CODE:

K = STAINLESS STEEL

G = CARBON STEEL

B = COPPER NICKEL 70/30

ORDER EXAMPLE:

DM60173G0806

OTHER CONFIGURATIONS AVAILABLE.
CONTACT FACTORY FOR DETAILS.

NPT Female Branch Tee, OD Tube - DM60173

Size OD	NPT Size	Part Number	Dimensions - Inch (mm)				*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	
1/2"	3/8"	DM60173*0806	1.75 (44.45)	0.75 (19.05)	1.09 (27.69)	0.86 (21.84)	0.29 (0.13)
5/8"	1/2"	DM60173*1008	2.00 (50.80)	1.00 (25.40)	1.26 (32.00)	1.06 (26.92)	0.53 (0.24)
3/4"	1/2"	DM60173*1208	2.68 (68.07)	1.25 (31.75)	1.42 (36.07)	1.30 (33.02)	1.05 (0.48)
1"	3/4"	DM60173*1612	3.03 (76.96)	1.50 (38.10)	1.70 (43.18)	1.58 (40.13)	1.82 (0.83)
1-1/4"	1"	DM60173*2016	3.40 (86.36)	1.75 (44.45)	1.94 (49.28)	1.97 (50.04)	3.19 (1.45)
1-1/2"	1-1/4"	DM60173*2420	4.25 (107.95)	2.00 (50.80)	2.20 (55.88)	2.50 (63.50)	6.12 (2.76)
2"	1-1/2"	DM60173*3224	4.54 (115.32)	2.25 (57.15)	2.50 (63.50)	2.81 (71.37)	7.93 (3.60)

Notes

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DM 60 Series – OD Tube

Specialty Fitting Configuration Guide

1/4" to 2"

					
JIC 37° 90° Elbow Male A/DM60355	JIC 37° Branch Tee Male A/DM60177	JIC 37° 90° Elbow Female Swivel A/DM60354	JIC 37° Branch Tee Female Swivel A/DM60170	NPT 90° Elbow Male A/DM60057	NPT Branch Tee Male A/DM60176
					
NPT 90° Elbow Female DM60061	ORFS 90° Elbow Male A/DM60011	ORFS Branch Tee Male A/DM60013	ORFS 90° Elbow Female Swivel A/DM60021	ORFS Branch Tee Female Swivel A/DM60023	SAE 90° Elbow Male A/DM60105
					
SAE Branch Tee Male A/DM60174	SAE 90° Elbow Female DM60387	BSPP 90° Elbow Male A/DM60168	BSPP Branch Tee Male A/DM60175	BSPP 90° Elbow Female DM60169	BSPP Cross Fitting with 2 Ports DM60221
					
BSPP Cross Fitting with 4 Ports DM60241	Flange - ANSI #900 DM60025	Flange - ANSI #1500 DM60026	90° PYPLOK® x SAE Code 61 Flange DM60391	90° PYPLOK® x SAE Code 62 Flange DM60392	NPS to OD Tube Reducer DM20501
					
CPV Female DM60040	CPV Male Union DM60041	Tailpiece Gaugeline Adapter DM60050			

Notes

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