

PYPLOK® FITTINGS

Industries- Applications.....	6
Tube & Pipe range and quality.....	7
Pressure ratings - Seal Seletion	8-14
DM20 Serie for NPS/Sch pipe	15-32
DM80 Serie for Metric pipe /	33-54
tube DP40 Serie for Low	55-60
Pressure DP04 Serie for CuNi	61-64



PYPLOK

FLANGES

PIPES & TUBES

CLAMPS

VALVES

BITE TYPE FITTINGS

HP HOSES

QUICK COUPL.

TEST POINTS

ADAPTORS

MACHINES

OTHER PRODUCTS

Industries and Applications

PYPLOK® has been used in numerous industries worldwide including but not limited to:

- Ship Building and Repair (Commercial and Navy)
- Refinery, Chemical, Pharmaceuticals, Food/Beverage
- Marine, Offshore and Sub Sea
- Land Based Drilling Rigs, Mobile Equipment
- Sugar, Steel/Metal Production, Testing Equipment, Fire Suppression
- Mining, Pulp and Paper, Nuclear/Power Generation, Automotive

PYPLOK® Applications Include:

- CNG – Compressed Natural Gas
- CO2 Cofferdam Inerting
- Condensate Piping
- Deluge Systems
- Down Well Coiled Tubing
- Drains and Plumbing Vent
- Ethylene Glycol/Water
- Fuel and Fuel Heating Lines
- Heating Coils
- Utility Piping Systems
- High Pressure Fire Suppression Systems
- Mobile Equipment Tubing/Piping
- High Pressure Hydraulics Systems
- Low Temperature Steam (<200°C)
- LPG – Liquefied Petroleum Gas
- Lubrication & Grease
- Natural Gas Distribution
- Plant, Instrumentation and Utility Air
- Waste Systems
- Solvents and Water Based Paints
- Subsea/BOP Piping
- Steam Tracer Lines
- Waste Water
- Paint, Brake Fluid and Sealer Lines



Tube and Pipe Qualification

DM 20 Series - NPS(Sch)Pipe		
Size	Min. Wall	Max. Wall
1/4"	Sch.10	Sch.80
3/8"	Sch.10	Sch.80
1/2"	Sch.10	Sch.80
3/4"	Sch.10	Sch.80
1"	Sch.10	Sch.160
1-1/4"	Sch.10	Sch.160
1-1/2"	Sch.10	Sch.160
2"	Sch.10	Sch.160
3"	Sch.80	Sch.160

DM 60 Series - OD Tube		
Size	Min. Wall	Max. Wall
1/4"	0.028"	0.083"
3/8"	0.028"	0.095"
1/2"	0.035"	0.120"
5/8"	0.035"	0.120"
3/4"	0.049"	0.180"
1"	0.049"	0.180"
1-1/4"	0.065"	0.220"
1-1/2"	0.065"	0.220"
2"	0.065"	0.220"

DM 80 Series - Metric Tube		
Size	Min. Wall	Max. Wall
6mm	1mm	2mm
8mm	1mm	2mm
10mm	1mm	3mm
12mm	1mm	3mm
15mm	1mm	3mm
16mm	1mm	3mm
18mm	1mm	3mm
20mm	1mm	4mm
22mm	1mm	4mm
25mm	2mm	4mm
28mm	2mm	4mm
30mm	2mm	4mm
35mm	2mm	4mm
38mm	3mm	5mm
42mm	3mm	5mm
50mm	3mm	5mm
60mm	3mm	8mm

DP 40 Series - NPS Low Pressure		
Size	Min. Wall	Max. Wall
2-1/2"	Sch.10	Sch.80
3"	Sch.10	Sch.80
4"	Sch.10	Sch.80

DP 04 Series - Metric Pipe CuNi Tube		
Size	Min. Wall	Max. Wall
44.5mm	1mm	3mm
57mm	1mm	3mm
76mm	1mm	3mm

Allowable Outside Pipe/Tube Diameter Tolerances for PYPLOK®		
NPS Pipe	1/4" to 1-1/2"	+/- 0.015" (0.381mm)
	2" - 4"	+/- 0.030" (0.762mm)
OD Tube	1/4" to 3/8"	+/- 0.005" (0.127mm)
	1/2" to 1-1/2"	+/- 0.010" (0.254mm)
	2"	+/- 0.015" (0.381mm)
Metric Tube	6mm to 38mm	+/- 0.254mm (0.010")
	42mm to 60mm	+/- 0.381mm (0.015")

*Qualified Pipe/Tube		
Stainless Steel PYPLOK®	Carbon Steel PYPLOK®	Copper Nickel PYPLOK®
ASTM A312/A269 (304/304L/316/316L) EN 10216-5 (304/304L/316/316L) EN10305-4 (E355N/ST52.4)	ASTM A106 Gr. A/B/C A53 ERW Gr. A/B EN10305-4 (E355N/E235N/ST52.4/ST37.4) API 5L Seamless/ERW ASTM A333 Gr.6	MIL-T-16420 (70/30 & 90/10)

*As there are numerous pipe/tube specs, not every spec has been listed. If you do not see your spec please consult the factory to confirm pipe/tube qualification.

PYPLOK
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PYPLOK® Standard Pressure Ratings

DM 20 Series – NPS Pipe

Pressure Ratings are based on system temperatures of -15°F to 400°F (-26°C to 205°C) and are limited to the maximum rating of the adjoining tube and/or end connection. Consideration must be taken on PYPLOK® Pressure Ratings and adjoining connection with the lower rated end being the limiting factor.

Stainless Steel Pressure Ratings				
Size NPS	4:1 Safety Factor		3:1 Safety Factor	
	PSI	bar	PSI	bar
1/4"	6000	415	8000	552
3/8"	6000	415	8000	552
1/2"	5900	407	7866	543
3/4"	5800	400	7733	533
1"	5700	393	7600	524
1-1/4"	5650	390	7533	520
1-1/2"	5650	390	7533	520
2"	4800	330	6400	441
3"	2625	180	3500	240

Carbon Steel Pressure Ratings				
Size NPS	4:1 Safety Factor		3:1 Safety Factor	
	PSI	bar	PSI	bar
1/4"	5000	345	6667	460
3/8"	5000	345	6667	460
1/2"	4917	339	6555	452
3/4"	4833	333	6444	444
1"	4750	328	6333	437
1-1/4"	4710	325	6278	433
1-1/2"	4710	325	6278	433
2"	4000	276	5333	368
3"	2625	180	3500	240

Copper Nickel 70/30 Pressure Ratings				
Size NPS	4:1 Safety Factor		3:1 Safety Factor	
	PSI	bar	PSI	bar
1/4"	3896	269	5195	358
3/8"	3896	269	5195	358
1/2"	3831	264	5108	352
3/4"	3766	260	5022	346
1"	3701	255	4935	340
1-1/4"	3669	253	4892	337
1-1/2"	3669	253	4892	337
2"	3117	215	4156	287

PYPLOK® Standard Pressure Ratings

DM 20 Series – NPS / Sch Pipe

Pressure Ratings are based on system temperatures that are listed below and are limited to the maximum rating of the adjoining tube and/or end connection. Consideration must be taken on PYPLOK® Pressure Ratings and adjoining connection with the lower rated end being the limiting factor.

Stainless Steel Pressure Ratings				
Size NPS	ASME B31.1 (PSI)			
	-20°F to 100°F	200°F	300°F	400°F
1/4"	5800	5800	5800	5600
3/8"	5600	5600	5600	5400
1/2"	5400	5400	5400	5200
3/4"	5100	5100	5100	5000
1"	4800	4800	4800	4700
1-1/4"	4400	4400	4400	4200
1-1/2"	4200	4200	4200	4000
2"	3700	3700	3700	3600

Carbon Steel Pressure Ratings				
Size NPS	ASME B31.1 (PSI)			
	-20°F to 100°F	200°F	300°F	400°F
1/4"	5200	5200	5200	5200
3/8"	5000	5000	5000	5000
1/2"	4900	4900	4900	4900
3/4"	4700	4700	4700	4700
1"	4400	4400	4400	4400
1-1/4"	4100	4100	4100	4100
1-1/2"	3900	3900	3900	3900
2"	3500	3500	3500	3500

Stainless Steel Pressure Ratings				
Size NPS	ASME B31.3 (PSI)			
	-20°F to 100°F	200°F	300°F	400°F
1/4"	5800	5800	5800	5600
3/8"	5600	5600	5600	5400
1/2"	5400	5400	5400	5200
3/4"	5100	5100	5100	5000
1"	4800	4800	4800	4700
1-1/4"	4400	4400	4400	4200
1-1/2"	4200	4200	4200	4000
2"	3700	3700	3700	3600

Carbon Steel Pressure Ratings				
Size NPS	ASME B31.3 (PSI)			
	-20°F to 100°F	200°F	300°F	400°F
1/4"	5200	4900	4700	4500
3/8"	5000	4800	4600	4400
1/2"	4900	4600	4400	4300
3/4"	4700	4400	4200	4100
1"	4400	4200	4000	3900
1-1/4"	4100	3900	3700	3600
1-1/2"	3900	3700	3500	3400
2"	3500	3300	3100	3000

PYPLOK® Standard Pressure Ratings

DM 80 Series – Metric Tube

Pressure Ratings are based on system temperatures of -15°F to 400°F (-26°C to 205°C) and are limited to the maximum rating of the adjoining tube and/or end connection. Consideration must be taken on PYPLOK® Pressure Ratings and adjoining connection with the lower rated end being the limiting factor.

Stainless Steel Pressure Ratings				
Size OD (mm)	4:1 Safety Factor		3:1 Safety Factor	
	PSI	bar	PSI	bar
6	6500	450	8665	600
8	6200	430	8265	570
10	6000	415	8000	550
12	5800	400	7735	535
15	5800	400	7735	535
16	5800	400	7735	535
18	4500	310	6000	415
20	5650	390	7535	520
22	4425	305	5900	405
25	5650	390	7535	520
28	4350	300	5800	400
30	5650	390	7535	520
35	4275	295	5700	395
38	5650	390	7535	520
42	5650	390	7535	520
50	5100	350	6800	470
60	4800	330	6400	440

Carbon Steel Pressure Ratings				
Size OD (mm)	4:1 Safety Factor		3:1 Safety Factor	
	PSI	bar	PSI	bar
6	5420	375	7225	500
8	5170	355	6890	475
10	5000	345	6670	460
12	4835	335	6445	445
15	4835	335	6445	445
16	4835	335	6445	445
18	3750	260	5000	345
20	4710	325	6280	435
22	3690	255	4920	340
25	4710	325	6280	435
28	3625	250	4835	335
30	4710	325	6280	435
35	3560	245	4750	325
38	4710	325	6280	435
42	4710	325	6280	435
50	4250	295	5670	390
60	4000	275	5335	370

PYPLOK® Standard Pressure Ratings

DM 80 Series – Metric Tube

Pressure Ratings are based on system temperatures of -15°F to 400°F (-26°C to 205°C) and are limited to the maximum rating of the adjoining tube and/or end connection. Consideration must be taken on PYPLOK® Pressure Ratings and adjoining connection with the lower rated end being the limiting factor.

Copper Nickel Pressure Ratings				
Size OD (mm)	4:1 Safety Factor		3:1 Safety Factor	
	PSI	bar	PSI	bar
6	4220	290	5630	390
8	4025	280	5370	370
10	3895	270	5195	360
12	3765	260	5025	345
16	3765	260	5025	345
20	3670	255	4895	335
25	3670	255	4895	335
30	3670	255	4895	335
38	3670	255	4895	335
42	3670	255	4895	335
50	3315	230	4415	305
60	3120	215	4155	285

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PIPES & TUBES

CLAMPS

VALVES

BITE TYPE FITTINGS

HP HOSES

QUICK COUPL.

TEST POINTS

ADAPTORS

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OTHER PRODUCTS

PYPLOK® Standard Pressure Ratings

DP 40 Series – NPS Low Pressure

Pressure Ratings are based on system temperatures of -15°F to 400°F (-26°C to 205°C) and are limited to the maximum rating of the adjoining tube and/or end connection. Consideration must be taken on PYPLOK® Pressure Ratings and adjoining connection with the lower rated end being the limiting factor.

Stainless Steel Pressure Ratings				
Size NPS	4:1 Safety Factor		3:1 Safety Factor	
	PSI	bar	PSI	bar
2-1/2"	750	52	1000	70
3"	750	52	1000	70
4"	500	35	665	45

Carbon Steel Pressure Ratings				
Size NPS	4:1 Safety Factor		3:1 Safety Factor	
	PSI	bar	PSI	bar
2-1/2"	750	52	1000	70
3"	750	52	1000	70
4"	500	35	665	45

Copper Nickel Pressure Ratings				
Size NPS	4:1 Safety Factor		3:1 Safety Factor	
	PSI	bar	PSI	bar
2-1/2"	188	13	250	17
3"	188	13	250	17

DP 04 Series – Metric Pipe CuNi

Pressure Ratings are based on system temperatures of -15°F to 400°F (-26°C to 205°C) and are limited to the maximum rating of the adjoining tube and/or end connection. Consideration must be taken on PYPLOK® Pressure Ratings and adjoining connection with the lower rated end being the limiting factor.

Stainless Steel Pressure Ratings				
Size OD (mm)	4:1 Safety Factor		3:1 Safety Factor	
	PSI	bar	PSI	bar
44.5	450	30	600	40
57	450	30	600	40

PYPLOK® Standard Pressure Ratings

DM 60 Series – OD Tube

Pressure Ratings are based on system temperatures of -15°F to 400°F (-26°C to 205°C) and are limited to the maximum rating of the adjoining tube and/or end connection. Consideration must be taken on PYPLOK® Pressure Ratings and adjoining connection with the lower rated end being the limiting factor.

Stainless Steel Pressure Ratings				
Size OD	4:1 Safety Factor		3:1 Safety Factor	
	PSI	bar	PSI	bar
1/4"	7000	483	9333	644
3/8"	5800	400	7733	533
1/2"	6100	420	8133	561
5/8"	6100	420	8133	561
3/4"	6000	414	8000	552
1"	5800	400	7733	533
1-1/4"	5800	400	7733	533
1-1/2"	5650	390	7533	520
2"	4800	330	6400	441

Carbon Steel Pressure Ratings				
Size OD	4:1 Safety Factor		3:1 Safety Factor	
	PSI	bar	PSI	bar
1/4"	5833	402	7778	536
3/8"	4833	333	6444	444
1/2"	5100	350	6778	467
5/8"	5100	350	6778	467
3/4"	5000	345	6667	460
1"	4833	333	6444	444
1-1/4"	4833	333	6444	444
1-1/2"	4710	325	6278	433
2"	4000	275	5333	368

Copper Nickel 70/30 Pressure Ratings				
Size OD	4:1 Safety Factor		3:1 Safety Factor	
	PSI	bar	PSI	bar
1/4"	4545	313	6060	418
3/8"	3766	260	5022	346
1/2"	3961	273	5281	364
5/8"	3961	273	5281	364
3/4"	3896	269	5195	358
1"	3766	260	5022	346
1-1/4"	3766	260	5022	346
1-1/2"	3669	253	4892	337
2"	3117	215	4156	287

Seal Selection

PYPLOK® Fittings are offered with two types of standard seal materials which cover a very broad range of temperatures and compatibility with numerous fluids and gases. The standard seals are VITON and EPDM, both having large application range but many other seal material grades are available to meet specific application requirements. It is the responsibility of the end user to ensure that the seals in the fittings are compatible with the piping system medium and temperature limits. Consult the factory for confirmation of seal compatibility for each system intending to use PYPLOK®. The table below is intended as a reference only for basic guidance to the typical mediums each seal material is appropriate for.

VITON	
Recommended For	Not Recommended For
Petroleum, Mineral and Vegetable Oils	Hot Water and Steam
Silicone Oils and Grease	Auto and Brake Fluids
Aromatic Hydrocarbons (Benzene, Toluene)	Amines
Chlorinated Hydrocarbons	Ketones
Hydraulic Fluids	Low Molecular Weight Esters and Ethers
Solvents and Chemicals	

EPDM	
Recommended For	Not Recommended For
Hot Water and Steam	Mineral Oil Products
Glycol Based Brake Fluids	Hydrocarbons
Organic and Inorganic Acids	Greases and Oils
Cleaning Agents, Soda and Potassium Alkalis	
Phosphate – Ester Hydraulic Fluids	
Polar Solvents (Alcohols, Ketones, Esters)	

Standard Fitting 20 Series NPS (Sch) Pipe

1/4" to 3"

					
Coupling DM20001 Page C3	Coupling with Inner Stop DM20002 Page C3	90° Elbow DM20003 Page C4	45° Elbow DM20017 Page C4	Tee DM20004 Page C5	Reducing Tee DM20104 Page C5
					
Reducer DM20101 Page C6	End Cap DM20085 Page C6	Flange - ANSI 150# DM200018 Page C7	Flange - ANSI 300# DM20019 Page C7	Flange - ANSI 600# DM20027 Page C8	SAE Flange Body DM20090 Page C8
					
SAE Code 61 Flange DM20091 Page C9	SAE Code 62 Flange DM20092 Page C9	SAE Code 61 Tapped Flange DM20095 Page C10	SAE Code 62 Tapped Flange DM20096 Page C10	JIC 37° Male DM20055 Page C11	JIC 37° Female Swivel DM20054 Page C11
					
NPT Male DM20056 Page C12	NPT Female DM20060 Page C12	SAE Male DM20088 Page C13	SAE Female DM20087 Page C13	BSPP Male DM20153 Page C14	BSPP Female DM20086 Page C14
					
ORFS Male DM20010 Page C15	ORFS Female Swivel DM20020 Page C15	Weldable Bulkhead DM60089 Page C16	SAE Female Branch Tee DM20171 Page C16	BSPP Female Branch Tee DM20172 Page C17	NPT Female Branch Tee DM20173 Page C17

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QUICK COUPL.

TEST POINTS































ADAPTORS

MACHINES

OTHER PRODUCTS

Specialty Fittings 20 Series NPS(Sch) Pipe

1/4" to 3"

					
JIC 37° 90° Elbow Male DM20355	JIC 37° Branch Tee Male DM20177	JIC 37° Run Tee Male DM20178	JIC 37° 90° Elbow Female Swivel DM20354	JIC 37° Branch Tee Female Swivel DM20170	NPT 90° Elbow Male DM20057
					
NPT Branch Tee Male DM20176	NPT Run Tee Male DM20181	NPT 90° Elbow Female DM20061	ORFS 90° Elbow Male DM20011	ORFS Branch Tee Male DM20013	ORFS Run Tee Male DM20014
					
ORFS 90° Elbow Female Swivel DM20021	ORFS Branch Tee Female Swivel DM20023	SAE 90° Elbow Male DM20105	SAE Branch Tee Male DM20174	SAE Run Tee Male DM20179	SAE 90° Elbow Female DM20387
					
BSPP 90° Elbow Male DM20168	BSPP Branch Tee Male DM20175	BSPP Run Tee Male DM20180	BSPP 90° Elbow Female DM20169	BSPP Cross Fitting with 2 Ports DM20221	BSPP Cross Fitting with 4 Ports DM20241
					
Flange - ANSI #900 DM20025	Flange - ANSI #1500 DM20026	Compact Elbow x Code 61 Flange DM20231	Compact Elbow x Code 62 Flange DM20232	90° PYPLOK® x SAE Code 61 Flange DM20391	90° PYPLOK® x SAE Code 62 Flange DM20392

Specialty Fittings 20 Series - NPS(Sch) Pipe

PYPLOK

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OTHER PRODUCTS

1/4" to 3"



NPS to OD Tube Reducer
DM20501



NPS to Metric Tube Reducer
DM20801



CPV Female
DM20040

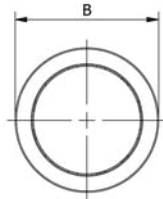
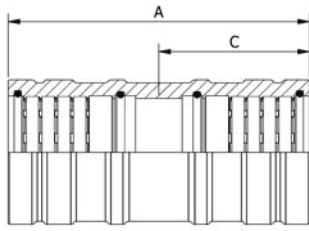


CPV Male Union
DM20041



Extra Long Coupling
DM20301

DM 20 Series - NPS Pipe

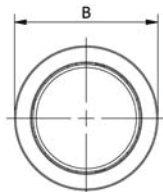
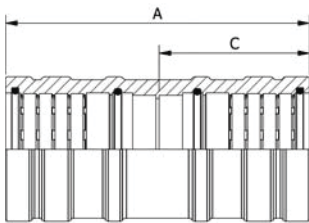


***MATERIAL CODE:**
 K = STAINLESS STEEL
 G = CARBON STEEL
 B = COPPER NICKEL 70/30

ORDER EXAMPLE:
 DM20001G04

Coupling, NPS - DM20001

Size NPS	Part Number	Dimensions - Inch (mm)			*Weight K & G lbs (kg)
		A	B	C Insertion Depth	
1/4"	DM20001*04	2.25 (57.15)	0.80 (20.32)	1.13 (28.70)	0.12 (0.05)
3/8"	DM20001*06	2.75 (69.85)	0.99 (25.15)	1.38 (35.05)	0.25 (0.11)
1/2"	DM20001*08	3.00 (76.20)	1.20 (30.48)	1.50 (38.10)	0.44 (0.20)
3/4"	DM20001*12	3.50 (88.90)	1.48 (37.59)	1.75 (44.45)	0.61 (0.28)
1"	DM20001*16	4.00 (101.60)	1.82 (46.23)	2.00 (50.80)	1.07 (0.49)
1-1/4"	DM20001*20	4.75 (120.65)	2.26 (57.40)	2.38 (60.45)	2.00 (0.91)
1-1/2"	DM20001*24	5.00 (127.00)	2.58 (65.53)	2.50 (63.50)	2.78 (1.26)
2"	DM20001*32	7.00 (177.80)	3.04 (77.22)	3.50 (88.90)	4.40 (2.00)
3"	DM20001*48	10.00 (254.00)	4.38 (111.25)	5.00 (127.00)	14.06 (6.38)



***MATERIAL CODE:**
 K = STAINLESS STEEL
 G = CARBON STEEL
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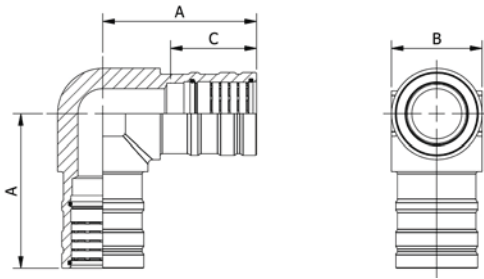
ORDER EXAMPLE:
 DM20002G04

Coupling with Inner Stop, NPS - DM20002

Size NPS	Part Number	Dimensions - Inch (mm)			*Weight K & G lbs (kg)
		A	B	C Insertion Depth	
1/4"	DM20002*04	2.30 (58.42)	0.80 (20.32)	1.13 (28.70)	0.12 (0.05)
3/8"	DM20002*06	2.80 (71.12)	0.99 (25.15)	1.38 (35.05)	0.25 (0.11)
1/2"	DM20002*08	3.05 (77.47)	1.20 (30.48)	1.50 (38.10)	0.35 (0.16)
3/4"	DM20002*12	3.55 (90.17)	1.48 (37.59)	1.75 (44.45)	0.61 (0.28)
1"	DM20002*16	4.05 (102.87)	1.82 (46.23)	2.00 (50.80)	1.07 (0.49)
1-1/4"	DM20002*20	4.80 (121.92)	2.26 (57.40)	2.38 (60.45)	1.96 (0.89)
1-1/2"	DM20002*24	5.05 (128.27)	2.58 (65.53)	2.50 (63.50)	2.78 (1.26)
2"	DM20002*32	7.05 (179.07)	3.04 (77.22)	3.50 (88.90)	4.40 (2.00)
3"	DM20002*48	10.05 (255.27)	4.38 (111.25)	5.00 (127.00)	12.21 (5.54)

3D step models available upon request

DM 20 Series - NPS Pipe



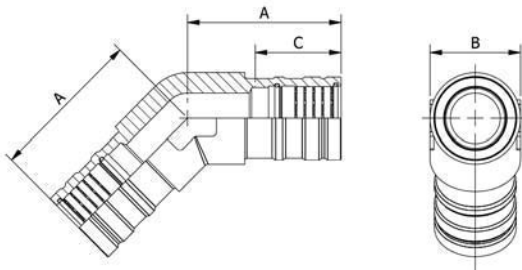
***MATERIAL CODE:**
 K = STAINLESS STEEL
 G = CARBON STEEL
 B = COPPER NICKEL 70/30

ORDER EXAMPLE:
 DM20003G04

90° Elbow, NPS - DM20003

Size NPS	Part Number	Dimensions - Inch (mm)			*Weight K & G lbs (kg)
		A	B	C Insertion Depth	
1/4"	DM20003*04	1.75 (44.45)	0.86 (21.84)	1.13 (28.70)	0.29 (0.13)
3/8"	DM20003*06	2.00 (50.80)	1.06 (26.92)	1.38 (35.05)	0.56 (0.25)
1/2"	DM20003*08	2.68 (68.07)	1.30 (33.02)	1.50 (38.10)	1.00 (0.45)
3/4"	DM20003*12	3.03 (76.96)	1.58 (40.13)	1.75 (44.45)	1.50 (0.68)
1"	DM20003*16	3.37 (85.60)	1.97 (50.04)	2.00 (50.80)	2.65 (1.20)
1-1/4"	DM20003*20	4.25 (107.95)	2.50 (63.50)	2.38 (60.45)	5.95 (2.70)
1-1/2"	DM20003*24	4.54 (115.32)	2.81 (71.37)	2.50 (63.50)	7.10 (3.22)
2"	DM20003*32	5.45 (138.43)	3.25 (82.55)	3.50 (88.90)	9.60 (4.35)
**3"	DM20003*48	11.09 (281.69)	4.38 (111.25)	5.00 (127.00)	25.23 (11.44)

**3" PYPLOK® DM 20 Series shapes such as Tees and Elbows are made as welded assemblies using ASME B16.9 SCH.160 Butt Weld Fittings. All other sizes are made from forged material.



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

ORDER EXAMPLE:
 DM20017G04

45° Elbow, NPS - DM20017

Size NPS	Part Number	Dimensions - Inch (mm)			*Weight K & G lbs (kg)
		A	B	C Insertion Depth	
1/4"	DM20017*04	1.75 (44.45)	0.86 (21.84)	1.13 (28.70)	0.40 (0.18)
3/8"	DM20017*06	2.00 (50.80)	1.06 (26.92)	1.38 (35.05)	0.50 (0.23)
1/2"	DM20017*08	2.68 (68.07)	1.30 (33.02)	1.50 (38.10)	1.00 (0.45)
3/4"	DM20017*12	3.03 (76.96)	1.58 (40.13)	1.75 (44.45)	1.50 (0.68)
1"	DM20017*16	3.37 (85.60)	1.97 (50.04)	2.00 (50.80)	3.10 (1.41)
1-1/4"	DM20017*20	4.25 (107.95)	2.50 (63.50)	2.38 (60.45)	5.60 (2.54)
1-1/2"	DM20017*24	4.54 (115.32)	2.81 (71.37)	2.50 (63.50)	7.40 (3.36)
2"	DM20017*32	5.45 (138.43)	3.25 (82.55)	3.50 (88.90)	9.60 (4.35)
**3"	DM20017*48	8.59 (218.19)	4.38 (111.25)	5.00 (127.00)	21.26 (9.64)

**3" PYPLOK® DM 20 Series shapes such as Tees and Elbows are made as welded assemblies using ASME B16.9 SCH.160 Butt Weld Fittings. All other sizes are made from forged material.

3D step models available upon request

PYPLOK

FLANGES

PIPES & TUBES

CLAMPS

VALVES

BITE TYPE FITTINGS

HP HOSES

QUICK COUPL.

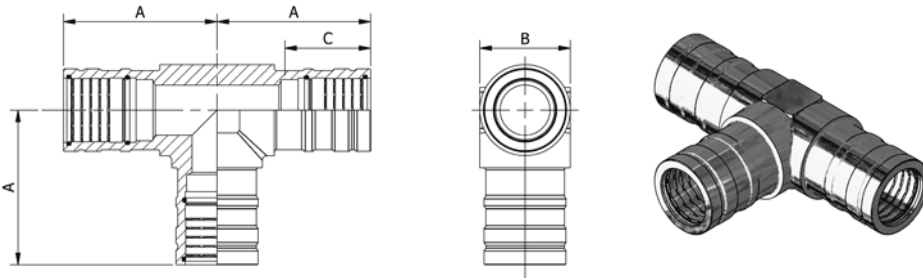
TEST POINTS

ADAPTORS

MACHINES

OTHER PRODUCTS

DM 20 Series - NPS Pipe



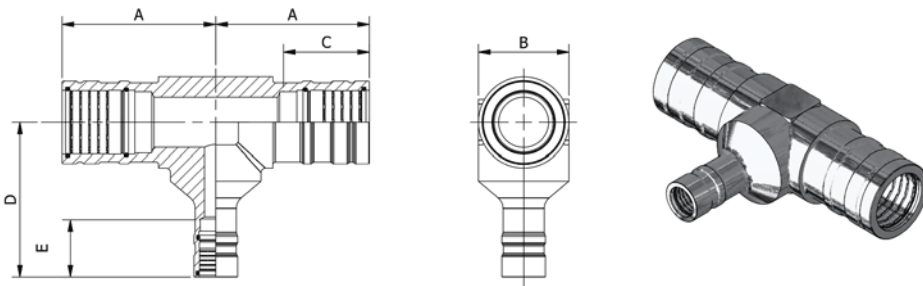
***MATERIAL CODE:**
K = STAINLESS STEEL
G = CARBON STEEL
B = COPPER NICKEL 70/30

ORDER EXAMPLE:
DM20004G04

Tee, NPS - DM20004

Size NPS	Part Number	Dimensions - Inch (mm)			*Weight K & G lbs (kg)
		A	B	C Insertion Depth	
1/4"	DM20004*04	1.75 (44.45)	0.86 (21.84)	1.13 (28.70)	0.38 (0.17)
3/8"	DM20004*06	2.00 (50.80)	1.06 (26.92)	1.38 (35.05)	0.65 (0.29)
1/2"	DM20004*08	2.68 (68.07)	1.30 (33.02)	1.50 (38.10)	1.30 (0.59)
3/4"	DM20004*12	3.03 (76.96)	1.58 (40.13)	1.75 (44.45)	2.00 (0.91)
1"	DM20004*16	3.37 (85.60)	1.97 (50.04)	2.00 (50.80)	3.40 (1.54)
1-1/4"	DM20004*20	4.25 (107.95)	2.50 (63.50)	2.38 (60.45)	7.10 (3.22)
1-1/2"	DM20004*24	4.54 (115.32)	2.81 (71.37)	2.50 (63.50)	9.20 (4.17)
2"	DM20004*32	5.45 (138.43)	3.25 (82.55)	3.50 (88.90)	12.80 (5.81)
**3"	DM20004*48	9.97 (253.24)	4.38 (111.25)	5.00 (127.00)	34.95 (15.85)

**3" PYPLOCK® DM 20 Series shapes such as Tees and Elbows are made as welded assemblies using ASME B16.9 SCH.160 Butt Weld Fittings. All other sizes are made from forged material.



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

ORDER EXAMPLE:
DM20104G0604

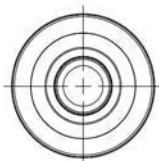
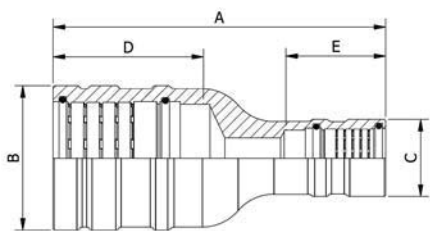
Other configurations available.
 Contact factory for details.

Reducing Tee, NPS - DM20104

Run Size NPS	Branch Size NPS	Part Number	Dimensions - Inch (mm)					*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	E Insertion Depth	
3/8"	1/4"	DM20104*0604	2.00 (50.80)	1.06 (26.92)	1.38 (35.05)	2.00 (50.80)	1.13 (28.70)	0.62 (0.28)
1/2"	3/8"	DM20104*0806	2.68 (68.07)	1.30 (33.02)	1.50 (38.10)	2.50 (63.50)	1.38 (35.05)	1.30 (0.59)
3/4"	1/2"	DM20104*1208	3.03 (76.96)	1.58 (40.13)	1.75 (44.45)	3.13 (79.50)	1.50 (38.10)	2.00 (0.91)
1"	1/2"	DM20104*1608	3.37 (85.60)	1.97 (50.04)	2.00 (50.80)	3.27 (83.06)	1.50 (38.10)	3.20 (1.45)
1"	3/4"	DM20104*1612	3.37 (85.60)	1.97 (50.04)	2.00 (50.80)	3.37 (85.60)	1.75 (44.45)	3.20 (1.45)
1 1/4"	1/2"	DM20104*2008	4.25 (107.95)	2.50 (63.50)	2.38 (60.45)	4.25 (107.95)	1.50 (38.10)	6.80 (3.08)
1-1/4"	3/4"	DM20104*2012	4.25 (107.95)	2.50 (63.50)	2.38 (60.45)	4.25 (107.95)	1.75 (44.45)	6.80 (3.08)
1-1/4"	1"	DM20104*2016	4.25 (107.95)	2.50 (63.50)	2.38 (60.45)	4.25 (107.95)	2.00 (50.80)	6.80 (3.08)
1 1/2"	3/4"	DM20104*2412	4.54 (115.32)	2.81 (71.37)	2.50 (63.50)	4.54 (115.32)	1.75 (44.45)	8.80 (3.99)
1-1/2"	1"	DM20104*2416	4.54 (115.32)	2.81 (71.37)	2.50 (63.50)	4.54 (115.32)	2.00 (50.80)	8.80 (3.99)
1-1/2"	1-1/4"	DM20104*2420	4.54 (115.32)	2.81 (71.37)	2.50 (63.50)	4.54 (115.32)	2.38 (60.45)	8.80 (3.99)
2"	1"	DM20104*3216	5.45 (138.43)	3.25 (82.55)	3.50 (88.90)	5.38 (136.65)	2.00 (50.80)	12.40 (5.62)
2"	1-1/4"	DM20104*3220	5.45 (138.43)	3.25 (82.55)	3.50 (88.90)	5.38 (136.65)	2.38 (60.45)	13.10 (5.94)
2"	1-1/2"	DM20104*3224	5.45 (138.43)	3.25 (82.55)	3.50 (88.90)	5.38 (136.65)	2.50 (63.50)	13.40 (6.08)

3D step models available upon request

DM 20 Series - NPS Pipe



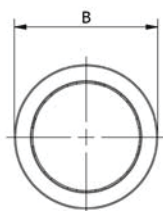
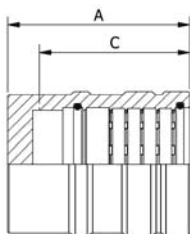
***MATERIAL CODE:**
 K = STAINLESS STEEL
 G = CARBON STEEL
 B = COPPER NICKEL 70/30

ORDER EXAMPLE:
 DM20101G0604

Other configurations available.
 Contact factory for details.

Reducer, NPS - DM20101

End 1 Size NPS	End 2 Size NPS	Part Number	Dimensions - Inch (mm)					*Weight K & G lbs (kg)
			A	B	C	D Insertion Depth	E Insertion Depth	
3/8"	1/4"	DM20101*0604	3.00 (76.20)	0.99 (25.15)	0.80 (20.32)	1.38 (35.05)	1.13 (28.70)	0.26 (0.12)
1/2"	3/8"	DM20101*0806	3.75 (95.25)	1.20 (30.48)	0.99 (25.15)	1.50 (38.10)	1.38 (35.05)	0.40 (0.18)
3/4"	1/2"	DM20101*1208	4.38 (111.25)	1.48 (37.59)	1.20 (30.48)	1.75 (44.45)	1.50 (38.10)	0.70 (0.32)
1"	1/2"	DM20101*1608	5.00 (127.00)	1.82 (46.23)	1.20 (30.48)	2.00 (50.80)	1.50 (38.10)	1.25 (0.57)
1"	3/4"	DM20101*1612	5.00 (127.00)	1.82 (46.23)	1.48 (37.59)	2.00 (50.80)	1.75 (44.45)	1.30 (0.59)
1-1/4"	3/4"	DM20101*2012	5.38 (136.65)	2.26 (57.40)	1.48 (37.59)	2.38 (60.45)	1.75 (44.45)	1.80 (0.82)
1-1/4"	1"	DM20101*2016	5.38 (136.65)	2.26 (57.40)	1.82 (46.23)	2.38 (60.45)	2.00 (50.80)	2.04 (0.93)
1-1/2"	3/4"	DM20101*2412	5.88 (149.35)	2.58 (65.53)	1.48 (37.59)	2.50 (63.50)	1.75 (44.45)	2.82 (1.28)
1-1/2"	1"	DM20101*2416	5.88 (149.35)	2.58 (65.53)	1.82 (46.23)	2.50 (63.50)	2.00 (50.80)	2.85 (1.29)
1-1/2"	1-1/4"	DM20101*2420	6.00 (154.43)	2.58 (65.53)	2.26 (57.40)	2.50 (63.50)	2.38 (60.45)	3.17 (1.44)
2"	1"	DM20101*3216	7.00 (177.80)	3.04 (77.22)	1.82 (46.23)	3.50 (88.90)	2.00 (50.80)	3.69 (1.67)
2"	1-1/4"	DM20101*3220	7.25 (184.15)	3.04 (77.22)	2.26 (57.40)	3.50 (88.90)	2.38 (60.45)	4.20 (1.90)
2"	1-1/2"	DM20101*3224	7.50 (190.05)	3.04 (77.22)	2.58 (65.53)	3.50 (88.90)	2.50 (63.50)	4.67 (2.12)



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

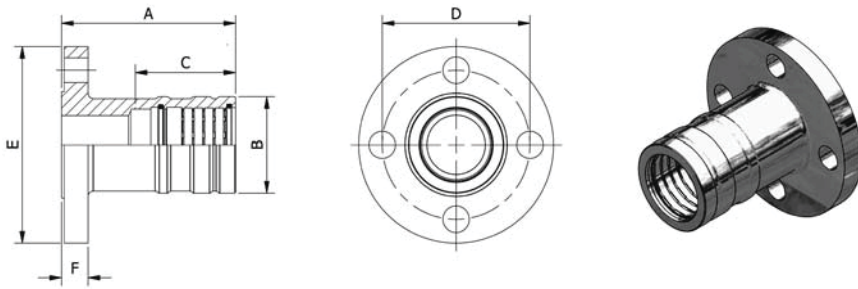
ORDER EXAMPLE:
 DM20085G04

End Cap, NPS - DM20085

Size NPS	Part Number	Dimensions - Inch (mm)			*Weight K & G lbs (kg)
		A	B	C Insertion Depth	
1/4"	DM20085*04	1.38 (35.05)	0.80 (20.32)	1.13 (28.70)	0.10 (0.05)
3/8"	DM20085*06	1.88 (47.75)	0.99 (25.15)	1.38 (35.05)	0.20 (0.09)
1/2"	DM20085*08	2.00 (50.80)	1.20 (30.48)	1.50 (38.10)	0.30 (0.14)
3/4"	DM20085*12	2.25 (57.15)	1.48 (37.59)	1.75 (44.45)	0.50 (0.23)
1"	DM20085*16	2.50 (63.50)	1.82 (46.23)	2.00 (50.80)	0.84 (0.38)
1-1/4"	DM20085*20	2.88 (73.15)	2.26 (57.40)	2.38 (60.45)	1.44 (0.65)
1-1/2"	DM20085*24	3.00 (76.20)	2.58 (65.53)	2.50 (63.50)	1.98 (0.90)
2"	DM20085*32	4.13 (104.90)	3.04 (77.22)	3.50 (88.90)	3.13 (1.42)
3"	DM20085*48	5.63 (143.00)	4.38 (111.25)	5.00 (127.00)	8.56 (3.88)

3D step models available upon request

DM 20 Series - NPS Pipe



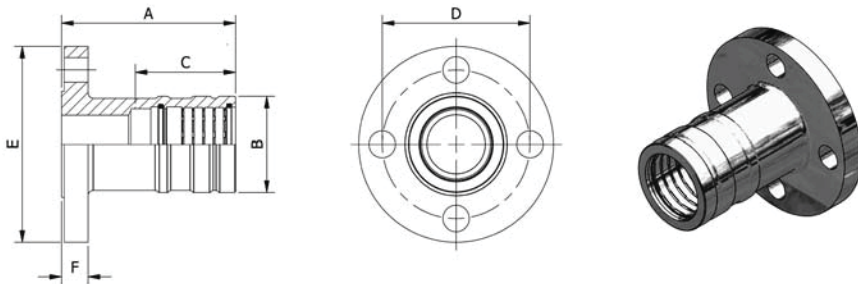
***MATERIAL CODE:**
 K = STAINLESS STEEL
 G = CARBON STEEL
 B = COPPER NICKEL 70/30

ORDER EXAMPLE:
 DM20018G08

Flange – ANSI 150#, NPS - DM20018

Size NPS	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"	DM20018*08	3.00 (76.20)	1.20 (30.48)	1.50 (38.10)	2.38 (60.45)	3.50 (88.90)	0.44 (11.18)	1/2" UNC	1.30 (0.59)
3/4"	3/4"	DM20018*12	3.50 (88.90)	1.48 (37.59)	1.75 (44.45)	2.75 (69.85)	3.88 (98.55)	0.50 (12.70)	1/2" UNC	1.90 (0.86)
1"	1"	DM20018*16	3.63 (92.20)	1.82 (46.23)	2.00 (50.80)	3.12 (79.25)	4.25 (107.95)	0.62 (15.82)	1/2" UNC	3.00 (1.36)
1-1/4"	1-1/4"	DM20018*20	4.13 (104.90)	2.26 (57.40)	2.38 (60.45)	3.50 (88.90)	4.62 (117.35)	0.63 (16.00)	1/2" UNC	4.09 (1.86)
1-1/2"	1-1/2"	DM20018*24	4.25 (107.95)	2.58 (65.53)	2.50 (63.50)	3.88 (98.55)	5.00 (127.00)	0.75 (19.10)	1/2" UNC	5.20 (2.40)
2"	2"	DM20018*32	5.73 (145.54)	3.04 (77.22)	3.50 (88.90)	4.75 (120.65)	6.00 (152.40)	0.69 (17.53)	5/8" UNC	8.50 (3.86)
**3"	3"	DM20018*48	9.34 (237.24)	4.38 (111.25)	5.00 (127.00)	6.00 (152.40)	7.50 (190.50)	1.31 (33.27)	5/8" UNC	24.83 (11.26)

**3" PYPLOK® DM 20 Series shapes such as Tees and Elbows are made as welded assemblies using ASME B16.9 SCH.160 Butt Weld Fittings. All other sizes are made from forged material.



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

ORDER EXAMPLE:
 DM20019G08

Flange – ANSI 300#, NPS - DM20019

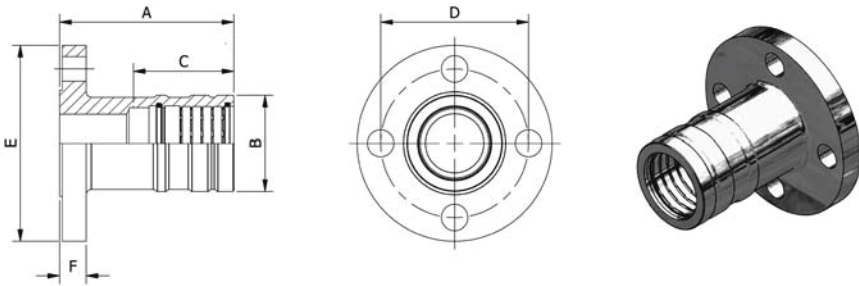
Size NPS	Flange Size	Part Number	Dimensions - Inch (mm)						Bolt Size	*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	E	F		
1/2"	1/2"	DM20019*08	3.13 (79.50)	1.20 (30.48)	1.50 (38.10)	2.62 (66.55)	3.75 (95.25)	0.56 (14.22)	1/2" UNC	1.84 (0.83)
3/4"	3/4"	DM20019*12	3.63 (92.20)	1.48 (37.59)	1.75 (44.45)	3.25 (82.55)	4.63 (117.60)	0.63 (16.00)	5/8" UNC	3.10 (1.41)
1"	1"	DM20019*16	3.88 (98.55)	1.82 (46.23)	2.00 (50.80)	3.50 (88.90)	4.88 (123.95)	0.75 (19.05)	5/8" UNC	4.34 (1.97)
1-1/4"	1-1/4"	DM20019*20	4.25 (107.95)	2.26 (57.40)	2.38 (60.45)	3.88 (98.55)	5.25 (133.35)	0.75 (19.05)	5/8" UNC	5.40 (2.45)
1-1/2"	1-1/2"	DM20019*24	4.31 (109.47)	2.58 (65.53)	2.50 (63.50)	4.50 (114.30)	6.12 (155.45)	0.81 (20.57)	3/4" UNC	9.70 (4.40)
**2"	2"	DM20019*32	5.80 (147.32)	3.04 (77.22)	3.50 (88.90)	5.00 (127.00)	6.50 (165.10)	0.88 (22.35)	5/8" UNC	9.77 (4.43)
**3"	3"	DM20019*48	9.72 (246.89)	4.38 (111.25)	5.00 (127.00)	6.63 (168.40)	8.25 (209.55)	1.13 (28.70)	3/4" UNC	26.15 (11.86)

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

**3" PYPLOK® DM 20 Series shapes such as Tees and Elbows are made as welded assemblies using ASME B16.9 SCH.160 Butt Weld Fittings. All other sizes are made from forged material.

3D step models available upon request

DM 20 Series - NPS Pipe



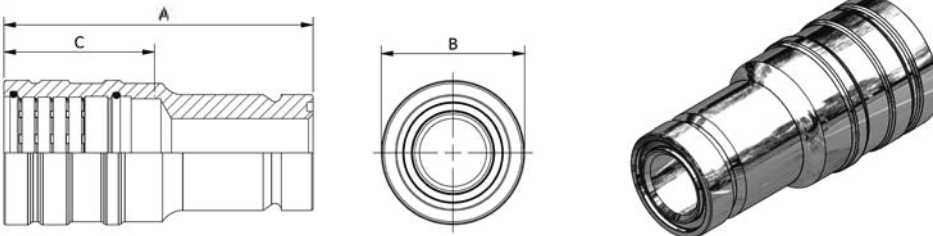
***MATERIAL CODE:**
 K = STAINLESS STEEL
 G = CARBON STEEL
 B = COPPER NICKEL 70/30

ORDER EXAMPLE:
 DM20027G08

Flange – ANSI 600#, NPS - DM20027

Size NPS	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"	DM20027*08	3.31 (84.07)	1.20 (30.48)	1.50 (38.10)	2.63 (66.80)	3.75 (95.25)	0.81 (20.57)	1/2 UNC	2.07 (0.94)
3/4"	3/4"	DM20027*12	3.81 (96.77)	1.48 (37.59)	1.75 (44.45)	3.25 (82.55)	4.63 (117.60)	0.88 (22.35)	5/8 UNC	3.53 (1.60)
1"	1"	DM20027*16	4.00 (101.60)	1.82 (46.23)	2.00 (50.80)	3.50 (88.90)	4.88 (123.95)	0.94 (23.88)	5/8 UNC	4.51 (2.05)
1-1/4"	1-1/4"	DM20027*20	4.50 (114.30)	2.26 (57.40)	2.38 (60.45)	3.88 (98.55)	5.25 (133.35)	1.06 (26.92)	5/8 UNC	6.48 (2.94)
1-1/2"	1-1/2"	DM20027*24	4.63 (117.60)	2.58 (65.53)	2.50 (63.50)	4.50 (114.30)	6.13 (155.70)	1.13 (28.70)	3/4 UNC	9.13 (4.14)
2"	2"	DM20027*32	5.73 (145.54)	3.04 (77.22)	3.50 (88.90)	5.00 (127.00)	6.50 (165.10)	1.25 (31.75)	5/8 UNC	10.92 (4.95)
**3"	3"	DM20027*48	9.97 (253.24)	4.38 (111.25)	5.00 (127.00)	6.63 (168.40)	8.13 (206.50)	1.38 (35.05)	3/4 UNC	25.76 (11.68)

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

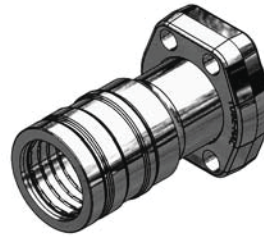
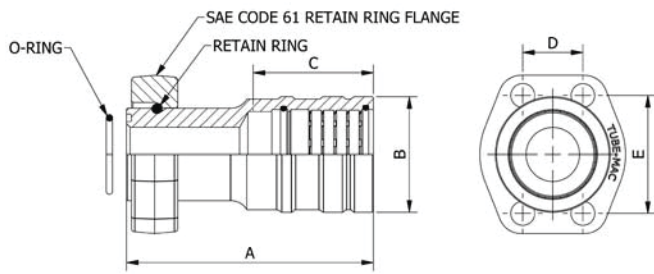
ORDER EXAMPLE:
 DM20090G08

SAE Flange Body, NPS - DM20090

Size NPS	Flange Size	Part Number	Dimensions - Inch (mm)			*Weight K & G lbs (kg)
			A	B	C Insertion Depth	
1/2"	1/2"	DM20090*08	3.38 (85.85)	1.20 (30.48)	1.50 (38.10)	0.51 (0.23)
3/4"	3/4"	DM20090*12	3.50 (88.90)	1.48 (37.59)	1.75 (44.45)	0.87 (0.39)
1"	1"	DM20090*16	4.50 (114.30)	1.82 (46.23)	2.00 (50.80)	1.49 (0.68)
1-1/4"	1-1/4"	DM20090*20	4.88 (123.95)	2.26 (57.40)	2.38 (60.45)	2.13 (0.97)
1-1/2"	1-1/2"	DM20090*24	5.00 (127.00)	2.58 (65.53)	2.50 (63.50)	3.00 (1.36)
2"	2"	DM20090*32	6.50 (165.10)	3.04 (77.22)	3.50 (88.90)	4.43 (2.01)
3"	3"	DM20090*48	9.50 (241.30)	4.38 (111.25)	5.00 (127.00)	13.41 (6.08)

3D step models available upon request

DM 20 Series - NPS Pipe

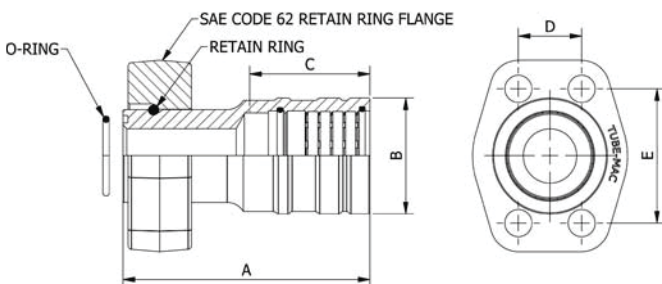


***MATERIAL CODE:**
 K = STAINLESS STEEL
 G = CARBON STEEL
 B = COPPER NICKEL 70/30

ORDER EXAMPLE:
 DM20091G08

SAE Code 61 Flange, NPS - DM20091

Size NPS	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"	DM20091*08	3.38 (85.85)	1.20 (30.48)	1.50 (38.10)	0.69 (17.53)	1.50 (38.10)	5/16" UNC	0.97 (0.44)
3/4"	3/4"	DM20091*12	3.50 (88.90)	1.48 (37.59)	1.75 (44.45)	0.88 (22.35)	1.88 (47.75)	3/8" UNC	1.35 (0.61)
1"	1"	DM20091*16	4.50 (114.30)	1.82 (46.23)	2.00 (50.80)	1.03 (26.16)	2.06 (52.32)	3/8" UNC	2.12 (0.96)
1-1/4"	1-1/4"	DM20091*20	4.88 (123.95)	2.26 (57.40)	2.38 (60.45)	1.19 (30.23)	2.31 (58.67)	7/16" UNC	3.03 (1.37)
1-1/2"	1-1/2"	DM20091*24	5.00 (127.00)	2.58 (65.53)	2.50 (63.50)	1.41 (35.81)	2.75 (69.85)	1/2" UNC	4.35 (1.97)
2"	2"	DM20091*32	6.50 (165.10)	3.04 (77.22)	3.50 (88.90)	1.69 (42.93)	3.06 (77.72)	1/2" UNC	6.45 (2.93)
3"	3"	DM20091*48	9.50 (241.30)	4.38 (111.25)	5.00 (127.00)	2.44 (61.98)	4.19 (106.43)	5/8" UNC	17.51 (7.90)



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

ORDER EXAMPLE:
 DM20092G08

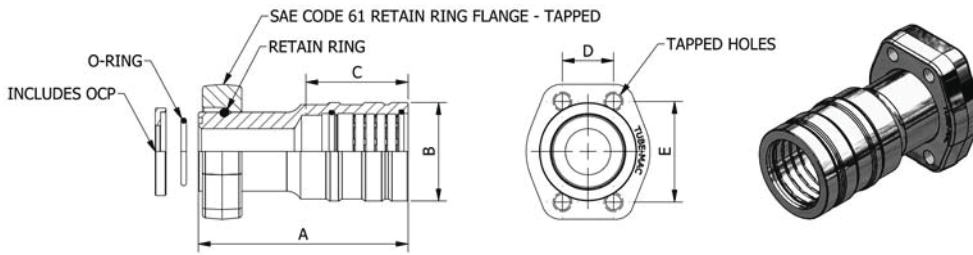
SAE Code 62 Flange, NPS - DM20092

Size NPS	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"	DM20092*08	3.38 (85.85)	1.20 (30.48)	1.50 (38.10)	0.72 (18.29)	1.59 (40.39)	5/16" UNC	0.97 (0.44)
3/4"	3/4"	DM20092*12	3.50 (88.90)	1.48 (37.59)	1.75 (44.45)	0.94 (23.88)	2.00 (50.80)	3/8" UNC	1.68 (0.76)
1"	1"	DM20092*16	4.50 (114.30)	1.82 (46.23)	2.00 (50.80)	1.09 (27.69)	2.25 (57.15)	7/16" UNC	2.75 (1.25)
1-1/4"	1-1/4"	DM20092*20	4.88 (123.95)	2.26 (57.40)	2.38 (60.45)	1.25 (31.75)	2.63 (66.80)	1/2" UNC	4.08 (1.85)
1-1/2"	1-1/2"	DM20092*24	5.00 (127.00)	2.58 (65.53)	2.50 (63.50)	1.44 (36.58)	3.13 (79.50)	5/8" UNC	5.88 (2.67)
2"	2"	DM20092*32	6.50 (165.10)	3.04 (77.22)	3.50 (88.90)	1.75 (44.45)	3.81 (96.77)	3/4" UNC	9.83 (4.46)
**3"	3"	DM20092*48	9.50 (241.30)	4.38 (111.25)	5.00 (127.00)	2.44 (61.98)	4.19 (106.43)	5/8" UNC	22.51 (10.21)

**3" uses ISO 6164 Flange.

3D step models available upon request

DM 20 Series - NPS Pipe

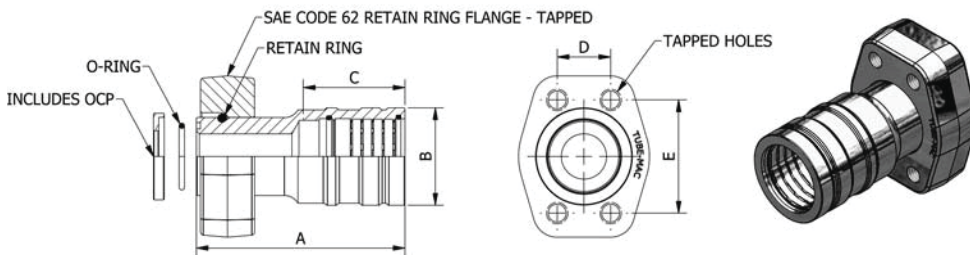


***MATERIAL CODE:**
 K = STAINLESS STEEL
 G = CARBON STEEL
 B = COPPER NICKEL 70/30

ORDER EXAMPLE:
 DM20095G08

SAE Code 61 Tapped Flange, NPS - DM20095

Size NPS	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"	DM20095*08	3.38 (85.85)	1.20 (30.48)	1.50 (38.10)	0.69 (17.53)	1.50 (38.10)	5/16"-18	1.01 (0.46)
3/4"	3/4"	DM20095*12	3.50 (88.90)	1.48 (37.59)	1.75 (44.45)	0.88 (22.35)	1.88 (47.75)	3/8"-16	1.42 (0.64)
1"	1"	DM20095*16	4.50 (114.30)	1.82 (46.23)	2.00 (50.80)	1.03 (26.16)	2.06 (52.32)	3/8"-16	2.20 (1.00)
1-1/4"	1-1/4"	DM20095*20	4.88 (123.95)	2.26 (57.40)	2.38 (60.45)	1.19 (30.23)	2.31 (58.67)	7/16"-14	3.12 (1.42)
1-1/2"	1-1/2"	DM20095*24	5.00 (127.00)	2.58 (65.53)	2.50 (63.50)	1.41 (35.81)	2.75 (69.85)	1/2"-13	4.52 (2.05)
2"	2"	DM20095*32	6.50 (165.10)	3.04 (77.22)	3.50 (88.90)	1.69 (42.93)	3.06 (77.72)	1/2"-13	6.60 (2.99)
3"	3"	DM20095*48	9.50 (241.30)	4.38 (111.25)	5.00 (127.00)	2.44 (61.98)	4.19 (106.43)	5/8"-11	17.51 (7.90)



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

ORDER EXAMPLE:
 DM20096G08

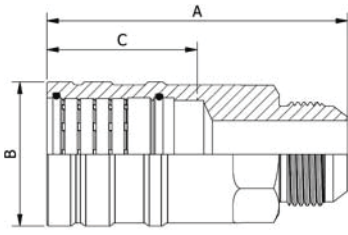
SAE Code 62 Tapped Flange, NPS - DM20096

Size NPS	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"	DM20096*08	3.38 (85.85)	1.20 (30.48)	1.50 (38.10)	0.72 (18.29)	1.59 (40.39)	5/16"-18	1.01 (0.46)
3/4"	3/4"	DM20096*12	3.50 (88.90)	1.48 (37.59)	1.75 (44.45)	0.94 (23.88)	2.00 (50.80)	3/8"-16	1.84 (0.83)
1"	1"	DM20096*16	4.50 (114.30)	1.82 (46.23)	2.00 (50.80)	1.09 (27.69)	2.25 (57.15)	7/16"-14	2.83 (1.28)
1-1/4"	1-1/4"	DM20096*20	4.88 (123.95)	2.26 (57.40)	2.38 (60.45)	1.25 (31.75)	2.63 (66.80)	1/2"-13	4.42 (2.00)
1-1/2"	1-1/2"	DM20096*24	5.00 (127.00)	2.58 (65.53)	2.50 (63.50)	1.44 (36.58)	3.13 (79.50)	5/8"-11	6.47 (2.93)
2"	2"	DM20096*32	6.50 (165.10)	3.04 (77.22)	3.50 (88.90)	1.75 (44.45)	3.81 (96.77)	3/4"-10	10.17 (4.61)
**3"	3"	DM20096*48	9.50 (241.30)	4.38 (111.25)	5.00 (127.00)	2.44 (61.89)	4.19 (106.43)	1"-8	22.51 (10.21)

**3" uses ISO 6164 Flange.

3D step models available upon request

DM 20 Series - NPS Pipe

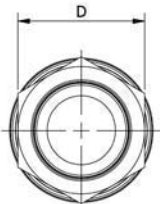
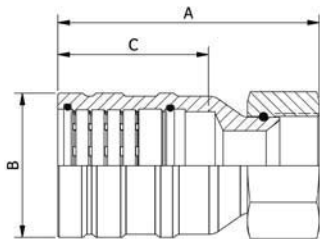


*MATERIAL CODE:
 K = STAINLESS STEEL
 G = CARBON STEEL
 B = COPPER NICKEL 70/30

ORDER EXAMPLE:
 DM20055G04

JIC 37° Male, NPS - DM20055

Size NPS	JIC Size	Part Number	Dimensions - Inch (mm)				*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	
1/4"	04	DM20055*04	2.25 (57.15)	0.80 (20.32)	1.13 (28.70)	0.50 (12.70)	0.10 (0.05)
3/8"	06	DM20055*06	2.63 (66.80)	0.99 (25.15)	1.38 (35.05)	0.63 (16.00)	0.21 (0.10)
1/2"	08	DM20055*08	3.25 (82.55)	1.20 (30.48)	1.50 (38.10)	0.81 (20.57)	0.37 (0.17)
3/4"	12	DM20055*12	3.69 (93.73)	1.48 (37.59)	1.75 (44.45)	1.13 (28.70)	0.63 (0.29)
1"	16	DM20055*16	4.00 (101.60)	1.82 (46.23)	2.00 (50.80)	1.38 (35.05)	1.06 (0.48)
1-1/4"	20	DM20055*20	4.75 (120.65)	2.26 (57.40)	2.38 (60.45)	1.88 (47.75)	2.11 (0.96)
1-1/2"	24	DM20055*24	4.75 (120.65)	2.58 (65.53)	2.50 (63.50)	2.25 (57.15)	2.66 (1.21)
2"	32	DM20055*32	6.00 (152.40)	3.04 (77.22)	3.50 (88.90)	2.63 (66.80)	4.08 (1.85)



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

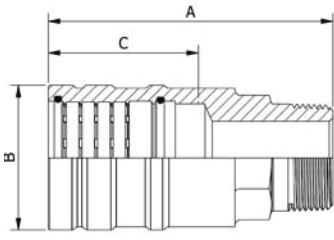
ORDER EXAMPLE:
 DM20054G04

JIC 37° Female Swivel, NPS - DM20054

Size NPS	JIC Size	Part Number	Dimensions - Inch (mm)				*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	
1/4"	04	DM20054*04	2.23 (56.64)	0.80 (20.32)	1.13 (28.70)	0.56 (14.22)	0.12 (0.05)
3/8"	06	DM20054*06	2.67 (67.82)	0.99 (25.15)	1.38 (35.05)	0.69 (17.53)	0.21 (0.10)
1/2"	08	DM20054*08	3.07 (77.98)	1.20 (30.48)	1.50 (38.10)	0.88 (22.35)	0.37 (0.17)
3/4"	12	DM20054*12	3.40 (86.36)	1.48 (37.59)	1.75 (44.45)	1.25 (31.75)	0.74 (0.34)
1"	16	DM20054*16	4.05 (102.87)	1.82 (46.23)	2.00 (50.80)	1.50 (38.10)	1.19 (0.54)
1-1/4"	20	DM20054*20	4.40 (111.76)	2.26 (57.40)	2.38 (60.45)	2.00 (50.80)	2.15 (0.98)
1-1/2"	24	DM20054*24	4.77 (121.16)	2.58 (65.53)	2.50 (63.50)	2.25 (57.15)	3.00 (1.36)
2"	32	DM20054*32	5.99 (152.15)	3.04 (77.22)	3.50 (88.90)	2.88 (73.15)	4.53 (2.05)

3D step models available upon request

DM 20 Series - NPS Pipe

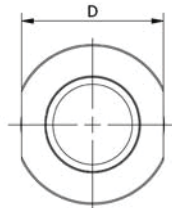
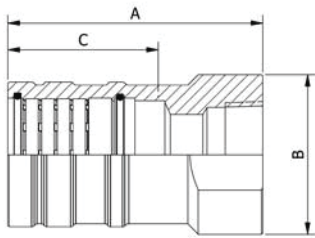


***MATERIAL CODE:**
 K = STAINLESS STEEL
 G = CARBON STEEL
 B = COPPER NICKEL 70/30

ORDER EXAMPLE:
 DM20056G04

NPT Male, NPS - DM20056

Size NPS	NPT Size	Part Number	Dimensions - Inch (mm)				*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	
1/4"	1/4"	DM20056*04	2.25 (57.15)	0.80 (20.32)	1.13 (28.70)	0.56 (14.22)	0.12 (0.05)
3/8"	3/8"	DM20056*06	2.63 (66.80)	0.99 (25.15)	1.38 (35.05)	0.75 (19.05)	0.21 (0.10)
1/2"	1/2"	DM20056*08	3.25 (82.55)	1.20 (30.48)	1.50 (38.10)	0.88 (22.35)	0.40 (0.18)
3/4"	3/4"	DM20056*12	3.50 (88.90)	1.48 (37.59)	1.75 (44.45)	1.25 (31.75)	0.76 (0.34)
1"	1"	DM20056*16	4.00 (101.6)	1.82 (46.23)	2.00 (50.80)	1.50 (38.10)	1.20 (0.54)
1-1/4"	1-1/4"	DM20056*20	4.50 (63.50)	2.26 (57.40)	2.38 (60.45)	2.39 (60.71)	2.07 (0.94)
1-1/2"	1-1/2"	DM20056*24	4.75 (120.65)	2.58 (65.53)	2.50 (63.50)	2.13 (54.10)	2.50 (1.13)
2"	2"	DM20056*32	6.00 (152.40)	3.04 (77.22)	3.50 (88.90)	2.63 (66.80)	4.41 (2.00)



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

ORDER EXAMPLE:
 DM20060G04

NPT Female, NPS - DM20060

Size NPS	NPT Size	Part Number	Dimensions - Inch (mm)				*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	
1/4"	1/4"	DM20060*04	2.00 (50.80)	1.00 (25.40)	1.13 (28.70)	0.88 (22.35)	0.20 (0.09)
3/8"	3/8"	DM20060*06	2.25 (57.15)	1.25 (31.75)	1.38 (35.05)	1.00 (25.40)	0.32 (0.15)
1/2"	1/2"	DM20060*08	2.75 (69.85)	1.38 (35.05)	1.50 (38.10)	1.25 (31.75)	0.48 (0.22)
3/4"	3/4"	DM20060*12	3.25 (82.55)	1.75 (44.45)	1.75 (44.45)	1.50 (38.10)	0.90 (0.41)
1"	1"	DM20060*16	3.63 (92.20)	1.98 (50.29)	2.00 (50.80)	1.88 (47.75)	1.40 (0.63)
1-1/4"	1-1/4"	DM20060*20	4.03 (102.36)	2.50 (63.50)	2.38 (60.45)	2.25 (57.15)	2.20 (1.00)
1-1/2"	1-1/2"	DM20060*24	4.38 (111.25)	3.00 (76.20)	2.50 (63.50)	2.74 (69.60)	3.53 (1.60)
2"	2"	DM20060*32	5.50 (139.70)	3.50 (88.90)	3.50 (88.90)	3.00 (76.20)	4.80 (2.17)

3D step models available upon request

PYPLOK

FLANGES

PIPES & TUBES

CLAMPS

VALVES

BITE TYPE FITTINGS

HP HOSES

QUICK COUPL.

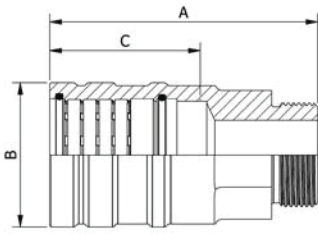
TEST POINTS

ADAPTORS

MACHINES

OTHER PRODUCTS

DM 20 Series - NPS Pipe

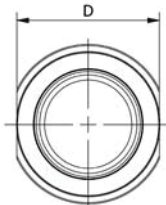
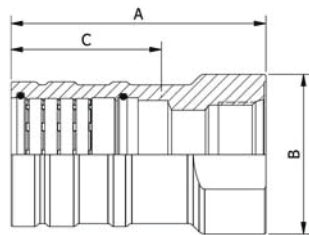


***MATERIAL CODE:**
 K = STAINLESS STEEL
 G = CARBON STEEL
 B = COPPER NICKEL 70/30

ORDER EXAMPLE:
 DM20088G04

SAE Male, NPS - DM20088

Size NPS	SAE Size	Part Number	Dimensions - Inch (mm)				*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	
1/4"	04	DM20088*04	2.18 (55.37)	0.80 (20.32)	1.13 (28.70)	0.50 (12.70)	0.12 (0.05)
3/8"	06	DM20088*06	2.47 (62.74)	0.99 (25.15)	1.38 (35.05)	0.69 (17.53)	0.20 (0.09)
1/2"	08	DM20088*08	2.74 (69.60)	1.20 (30.48)	1.50 (38.10)	0.88 (22.35)	0.33 (0.15)
3/4"	12	DM20088*12	3.35 (85.09)	1.48 (37.59)	1.75 (44.45)	1.13 (28.70)	0.61 (0.28)
1"	16	DM20088*16	3.73 (94.74)	1.82 (46.23)	2.00 (50.80)	1.50 (38.10)	1.09 (0.49)
1-1/4"	20	DM20088*20	4.23 (107.44)	2.26 (57.40)	2.38 (60.45)	1.88 (47.75)	1.87 (0.85)
1-1/2"	24	DM20088*24	4.48 (113.79)	2.58 (65.53)	2.50 (63.50)	2.13 (54.10)	2.56 (1.16)
2"	32	DM20088*32	5.35 (135.89)	3.04 (77.22)	3.50 (88.90)	2.75 (69.85)	3.84 (1.74)



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

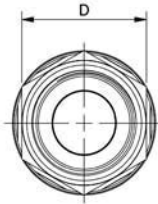
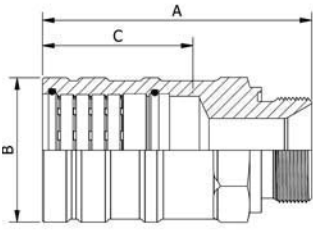
ORDER EXAMPLE:
 DM20087G04

SAE Female, NPS - DM20087

Size NPS	SAE Size	Part Number	Dimensions - Inch (mm)				*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	
1/4"	04	DM20087*04	2.00 (50.80)	0.88 (22.35)	1.13 (28.70)	0.75 (19.05)	0.16 (0.07)
3/8"	06	DM20087*06	2.38 (60.45)	1.00 (25.40)	1.38 (35.05)	0.88 (22.35)	0.26 (0.12)
1/2"	08	DM20087*08	2.63 (66.80)	1.25 (31.75)	1.50 (38.10)	1.13 (28.70)	0.42 (0.19)
3/4"	12	DM20087*12	3.25 (82.55)	1.75 (44.45)	1.75 (44.45)	1.50 (38.10)	0.90 (0.41)
1"	16	DM20087*16	3.60 (91.44)	1.98 (50.29)	2.00 (50.80)	1.75 (44.45)	1.27 (0.58)
1-1/4"	20	DM20087*20	4.03 (102.36)	2.50 (63.50)	2.38 (60.45)	2.25 (57.15)	1.96 (0.89)
1-1/2"	24	DM20087*24	4.35 (110.49)	2.75 (69.85)	2.50 (63.50)	2.50 (63.50)	2.80 (1.27)
2"	32	DM20087*32	5.75 (146.05)	3.50 (88.90)	3.50 (88.90)	3.25 (82.55)	5.09 (2.31)

3D step models available upon request

DM 20 Series - NPS Pipe

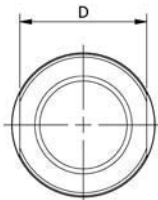
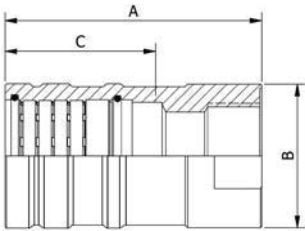


*MATERIAL CODE:
 K = STAINLESS STEEL
 G = CARBON STEEL
 B = COPPER NICKEL 70/30

ORDER EXAMPLE:
 DM20153G04

BSPP Male, NPS - DM20153

Size NPS	BSPP Size	Part Number	Dimensions - Inch (mm)				*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	
1/4"	1/4"	DM20153*04	2.13 (54.10)	0.80 (20.32)	1.13 (28.70)	0.75 (19.05)	0.14 (0.06)
3/8"	3/8"	DM20153*06	2.38 (60.45)	0.99 (25.15)	1.38 (35.05)	0.87 (22.10)	0.22 (0.10)
1/2"	1/2"	DM20153*08	3.00 (76.20)	1.20 (30.48)	1.50 (38.10)	1.18 (29.97)	0.46 (0.21)
3/4"	3/4"	DM20153*12	3.38 (85.85)	1.48 (37.59)	1.75 (44.45)	1.42 (36.07)	0.71 (0.32)
1"	1"	DM20153*16	3.63 (92.20)	1.82 (46.23)	2.00 (50.80)	1.81 (45.97)	1.14 (0.52)
1-1/4"	1-1/4"	DM20153*20	4.25 (107.95)	2.26 (57.40)	2.38 (60.45)	1.97 (50.04)	1.95 (0.88)
1-1/2"	1-1/2"	DM20153*24	4.63 (117.60)	2.58 (65.53)	2.50 (63.50)	2.17 (55.12)	2.67 (1.21)
2"	2"	DM20153*32	5.38 (136.65)	3.04 (77.22)	3.50 (88.90)	2.95 (74.93)	3.49 (1.58)



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

ORDER EXAMPLE:
 DM20086G04

BSPP Female, NPS - DM20086

Size NPS	BSPP Size	Part Number	Dimensions - Inch (mm)				*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	
1/4"	1/4"	DM20086*04	2.00 (50.80)	0.88 (22.35)	1.13 (28.70)	0.75 (19.05)	0.15 (0.07)
3/8"	3/8"	DM20086*06	2.38 (60.45)	1.06 (26.92)	1.38 (35.05)	0.94 (23.88)	0.25 (0.11)
1/2"	1/2"	DM20086*08	2.63 (66.80)	1.25 (31.75)	1.50 (38.10)	1.06 (26.92)	0.40 (0.18)
3/4"	3/4"	DM20086*12	3.25 (82.55)	1.75 (44.45)	1.75 (44.45)	1.50 (38.10)	0.91 (0.41)
1"	1"	DM20086*16	3.50 (88.90)	2.00 (50.80)	2.00 (50.80)	1.75 (44.45)	1.28 (0.58)
1-1/4"	1-1/4"	DM20086*20	4.05 (102.87)	2.25 (57.15)	2.38 (60.45)	2.00 (50.80)	1.91 (0.87)
1-1/2"	1-1/2"	DM20086*24	4.38 (111.25)	2.75 (69.85)	2.50 (63.50)	2.50 (63.50)	2.88 (1.31)
2"	2"	DM20086*32	5.75 (146.05)	3.50 (88.90)	3.50 (88.90)	3.00 (76.20)	5.14 (2.33)

3D step models available upon request

PYPLOK

FLANGES

PIPES & TUBES

CLAMPS

VALVES

BITE TYPE FITTINGS

HP HOSES

QUICK COUPL.

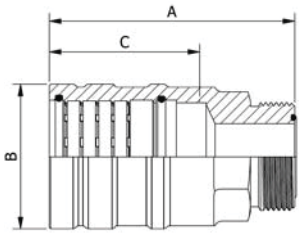
TEST POINTS

ADAPTORS

MACHINES

OTHER PRODUCTS

DM 20 Series - NPS Pipe

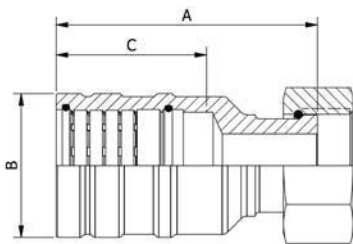


***MATERIAL CODE:**
 K = STAINLESS STEEL
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 B = COPPER NICKEL 70/30

ORDER EXAMPLE:
 DM20010G04

ORFS Male, NPS - DM20010

Size NPS	ORFS Size	Part Number	Dimensions - Inch (mm)				*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	
1/4"	04	DM20010*04	2.13 (54.10)	0.80 (20.32)	1.13 (28.70)	0.63 (16.00)	0.13 (0.06)
3/8"	06	DM20010*06	2.50 (63.50)	0.99 (25.15)	1.38 (35.05)	0.75 (19.05)	0.23 (0.10)
1/2"	08	DM20010*08	2.75 (69.85)	1.20 (30.48)	1.50 (38.10)	0.88 (22.35)	0.34 (0.15)
3/4"	12	DM20010*12	3.25 (82.55)	1.48 (37.59)	1.75 (44.45)	1.25 (31.75)	0.69 (0.31)
1"	16	DM20010*16	3.50 (88.90)	1.82 (46.23)	2.00 (50.80)	1.50 (38.10)	1.18 (0.54)
1-1/4"	20	DM20010*20	4.08 (103.63)	2.26 (57.40)	2.38 (60.45)	1.75 (44.45)	1.80 (0.82)
1-1/2"	24	DM20010*24	4.38 (111.25)	2.58 (65.53)	2.50 (63.50)	2.13 (54.10)	2.53 (1.15)



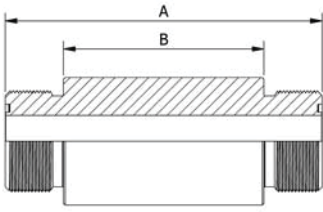
***MATERIAL CODE:**
 K = STAINLESS STEEL
 G = CARBON STEEL
 B = COPPER NICKEL 70/30

ORDER EXAMPLE:
 DM20020G04

ORFS Female Swivel, NPS - DM20020

Size NPS	ORFS Size	Part Number	Dimensions - Inch (mm)				*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	
1/4"	04	DM20020*04	2.25 (57.15)	0.80 (20.32)	1.13 (28.70)	0.67 (17.02)	0.14 (0.06)
3/8"	06	DM20020*06	2.50 (63.50)	0.99 (25.15)	1.38 (35.05)	0.86 (21.84)	0.26 (0.12)
1/2"	08	DM20020*08	2.75 (69.85)	1.20 (30.48)	1.50 (38.10)	0.94 (23.88)	0.33 (0.15)
3/4"	12	DM20020*12	3.50 (88.90)	1.48 (37.59)	1.75 (44.45)	1.63 (41.40)	1.04 (0.47)
1"	16	DM20020*16	3.63 (92.20)	1.82 (46.23)	2.00 (50.80)	1.75 (44.45)	1.31 (0.59)
1-1/4"	20	DM20020*20	4.13 (104.90)	2.26 (57.40)	2.38 (60.45)	2.13 (54.10)	2.21 (1.00)
1-1/2"	24	DM20020*24	4.38 (111.25)	2.58 (65.53)	2.50 (63.50)	2.38 (60.45)	2.95 (1.34)

DM 20 Series - NPS Pipe

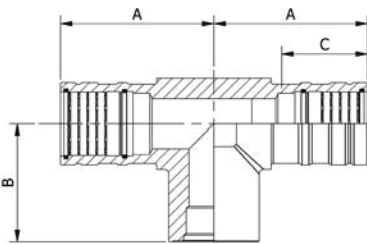


***MATERIAL CODE:**
 K = STAINLESS STEEL
 G = CARBON STEEL
 B = COPPER NICKEL 70/30

ORDER EXAMPLE:
 DM60089G08

Weldable Bulkhead, OD Tube - DM60089

Size NPS	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)



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

ORDER EXAMPLE:
 DM20171G04

SAE Female Branch Tee, NPS - DM20171

Size NPS	SAE Size	Part Number	Dimensions - Inch (mm)				*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	
1/4"	04	DM20171*04	1.75 (44.45)	1.38 (35.05)	1.13 (28.70)	0.86 (21.84)	0.41 (0.19)
3/8"	06	DM20171*06	2.00 (50.80)	1.63 (41.40)	1.38 (35.05)	1.06 (26.92)	0.71 (0.32)
1/2"	08	DM20171*08	2.68 (68.07)	2.25 (57.15)	1.50 (38.10)	1.30 (33.02)	1.44 (0.65)
3/4"	12	DM20171*12	3.03 (76.96)	2.50 (63.50)	1.75 (44.45)	1.58 (40.13)	2.26 (1.03)
1"	16	DM20171*16	3.37 (85.60)	2.88 (73.15)	2.00 (50.80)	1.97 (50.04)	3.83 (1.74)
1-1/4"	20	DM20171*20	4.25 (107.95)	3.25 (82.55)	2.38 (60.45)	2.50 (63.50)	7.40 (3.36)
1-1/2"	24	DM20171*24	4.54 (115.32)	3.50 (88.90)	2.50 (63.50)	2.81 (71.37)	10.06 (4.56)
2"	32	DM20171*32	5.45 (138.43)	4.00 (101.60)	3.50 (88.90)	3.25 (82.55)	14.11 (6.40)

3D step models available upon request

PYPLOK

FLANGES

PIPES & TUBES

CLAMPS

VALVES

BITE TYPE FITTINGS

HP HOSES

QUICK COUPL.

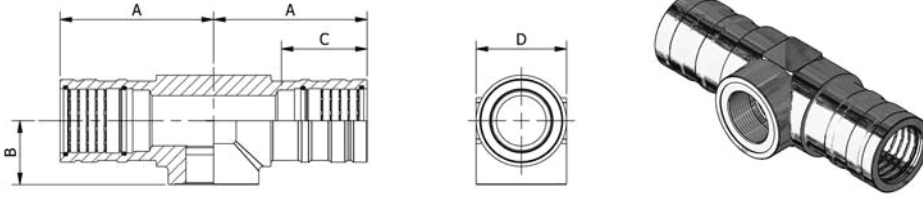
TEST POINTS

ADAPTORS

MACHINES

OTHER PRODUCTS

DM 20 Series - NPS Pipe

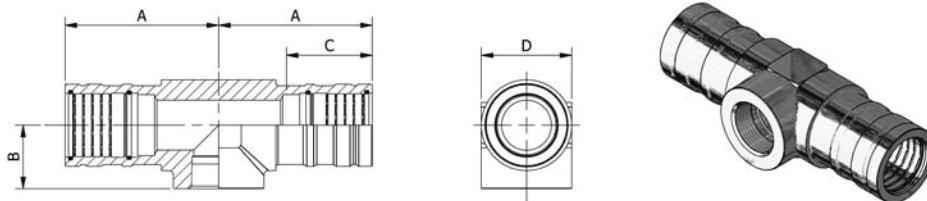


***MATERIAL CODE:**
 K = STAINLESS STEEL
 G = CARBON STEEL
 B = COPPER NICKEL 70/30

ORDER EXAMPLE:
 DM20172G04

BSPF Female Branch Tee, NPS - DM20172

Size NPS	BSPF Size	Part Number	Dimensions - Inch (mm)				*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	
1/4"	1/4"	DM20172*04	1.75 (44.45)	1.00 (25.40)	1.13 (28.70)	0.86 (21.84)	0.33 (0.15)
3/8"	3/8"	DM20172*06	2.00 (50.80)	1.00 (25.40)	1.38 (35.05)	1.06 (26.92)	0.54 (0.24)
1/2"	1/2"	DM20172*08	2.68 (68.07)	1.25 (31.75)	1.50 (38.10)	1.30 (33.02)	1.06 (0.48)
3/4"	3/4"	DM20172*12	3.03 (76.96)	1.25 (31.75)	1.75 (44.45)	1.58 (40.13)	1.60 (0.73)
1"	1"	DM20172*16	3.37 (85.60)	1.50 (38.10)	2.00 (50.80)	1.97 (50.04)	2.80 (1.27)
1-1/4"	1-1/4"	DM20172*20	4.25 (107.95)	1.75 (44.45)	2.38 (60.45)	2.50 (63.50)	5.89 (2.67)
1-1/2"	1-1/2"	DM20172*24	4.54 (115.32)	2.00 (50.80)	2.50 (63.50)	2.69 (68.33)	7.11 (3.23)
2"	2"	DM20172*32	5.45 (138.43)	2.38 (60.45)	3.50 (88.90)	3.25 (82.55)	10.48 (4.75)



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

ORDER EXAMPLE:
 DM20173G04

NPT Female Branch Tee, NPS - DM20173

Size NPS	NPT Size	Part Number	Dimensions - Inch (mm)				*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	
1/4"	1/4"	DM20173*04	1.75 (44.45)	0.75 (19.05)	1.13 (28.70)	0.86 (21.84)	0.31 (0.14)
3/8"	3/8"	DM20173*06	2.00 (50.80)	1.00 (25.40)	1.38 (35.05)	1.06 (26.92)	0.56 (0.25)
1/2"	1/2"	DM20173*08	2.68 (68.07)	1.13 (28.70)	1.50 (38.10)	1.30 (33.02)	1.10 (0.50)
3/4"	3/4"	DM20173*12	3.03 (76.96)	1.25 (31.75)	1.75 (44.45)	1.58 (40.13)	1.70 (0.77)
1"	1"	DM20173*16	3.37 (85.60)	1.38 (35.05)	2.00 (50.80)	1.97 (50.04)	2.80 (1.27)
1-1/4"	1-1/4"	DM20173*20	4.25 (107.95)	1.75 (44.45)	2.38 (60.45)	2.50 (63.50)	5.70 (2.59)
1-1/2"	1-1/2"	DM20173*24	4.54 (115.32)	2.00 (50.80)	2.50 (63.50)	2.81 (71.37)	7.85 (3.56)
2"	2"	DM20173*32	5.45 (138.43)	2.00 (50.80)	3.50 (88.90)	3.25 (82.55)	13.60 (6.17)

3D step models available upon request

Standard Fitting DM 80 Series Metric Tube

6mm to 60mm



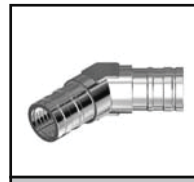
Coupling
DM80001
Page E3



Coupling with Inner Stop
DM80002
Page E4



90° Elbow
DM80003
Page E5



45° Elbow
DM80017
Page E6



Tee
DM80004
Page E7



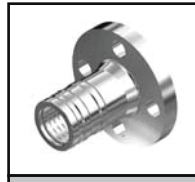
Reducing Tee
DM80104
Page E8



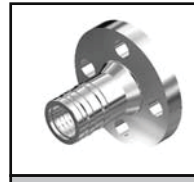
Reducer
DM80101
Page E9



End Cap
DM800085
Page E10



Flange - PN16
DM80028
Page E11



Flange - PN40
DM80029
Page E11



SAE Flange Body
DM80090
Page E12



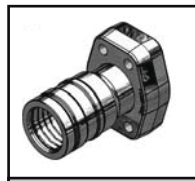
ISO 6162-1 Flange
DM80091
Page E13



ISO 6162-2 Flange
DM80092
Page E13



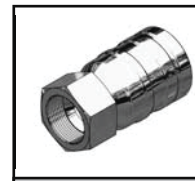
ISO 6162-1 Tapped Flange
DM80095
Page E14



ISO 6162-2 Tapped Flange
DM80096
Page E14



JIC 37° Male
DM80055
Page E15



JIC 37° Female Swivel
DM80054
Page E15



BSPP Male
DM80153
Page E16



BSPP Female
DM80086
Page E17



DIN 24° Male
DM80066
Page E18



DIN 24° Female Swivel
DM80068
Page E19



Weldable Bulkhead
DM80089
Page E20



BSPP Female Branch Tee
DM80172
Page E21

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FLANGES

PIPES & TUBES

CLAMPS

VALVES

BITE TYPE FITTINGS

HP HOSES

QUICK COUPL.

TEST POINTS































ADAPTORS

MACHINES

OTHER PRODUCTS

Specialty Fittings DM 80 Series Metric Tube

6mm to 60mm

					
JIC 37° 90° Elbow Male DM80355	JIC 37° Branch Tee Male DM80177	JIC 37° Run Tee Male DM80178	JIC 37° 90° Elbow Female Swivel DM80354	JIC 37° Branch Tee Female Swivel DM80170	NPT 90° Elbow Male DM80057
					
NPT Branch Tee Male DM80176	NPT Run Tee Male DM80181	NPT 90° Elbow Female DM80061	ORFS 90° Elbow Male DM80011	ORFS Branch Tee Male DM80013	ORFS Run Tee Male DM80014
					
ORFS 90° Elbow Female Swivel DM80021	ORFS Branch Tee Female Swivel DM80023	SAE 90° Elbow Male DM80105	SAE Branch Tee Male DM80174	SAE Run Tee Male DM80179	SAE 90° Elbow Female DM80387
					
BSPP 90° Elbow Male DM80168	BSPP Branch Tee Male DM80175	BSPP Run Tee Male DM80180	BSPP 90° Elbow Female DM80169	BSPP Cross Fitting with 2 Ports DM80221	BSPP Cross Fitting with 4 Ports DM80241
					
DIN 24° 90° Elbow Male DM80073	DIN 24° Branch Tee Male DM80182	DIN 24° Run Tee Male DM80183	DIN 24° 90° Elbow Female Swivel DM80069	DIN 24° Branch Tee Female Swivel DM80184	Compact Elbow x Code 61 Flange DM80231

Specialty Fittings DM 80 Series Metric Tube

6mm to 60mm



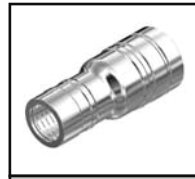
**Compact Elbow x
Code 62 Flange**
DM80232



**90° PYPLOK® x
SAE Code 61
Flange**
DM80391



**90° PYPLOK® x
SAE Code 62
Flange**
DM80392



**NPS to Metric
Tube Reducer**
DM20801



**Extra Long
Coupling**
DM80301

PYPLOK

FLANGES

PIPES &
TUBES

CLAMPS

VALVES

BITE TYPE
FITTINGS

HP HOSES

QUICK
COUPL.

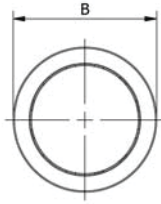
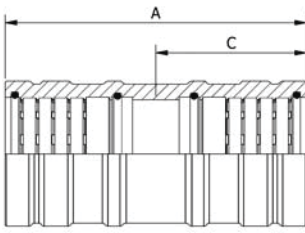
TEST
POINTS

ADAPTORS

MACHINES

OTHER
PRODUCTS

DM 80 Series - Metric Tube



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

ORDER EXAMPLE:
 DM80001G06

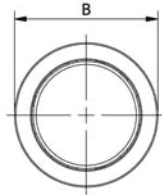
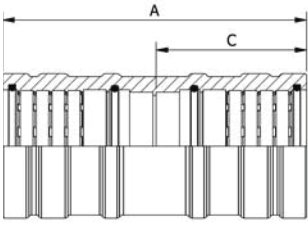
Coupling, Metric - DM80001

Size OD (mm)	Part Number	Dimensions - mm (Inch)			*Weight K & G kg (lbs)
		A	B	C Insertion Depth	
6	DM80001*06	33.00 (1.30)	9.80 (0.39)	16.51 (0.65)	0.01 (0.02)
8	DM80001*08	38.61 (1.52)	12.19 (0.48)	19.30 (0.76)	0.02 (0.03)
10	DM80001*10	48.30 (1.90)	15.09 (0.59)	24.13 (0.95)	0.03 (0.06)
12	DM80001*12	54.00 (2.13)	18.59 (0.73)	27.00 (1.06)	0.05 (0.10)
15	DM80001*15	64.01 (2.52)	23.70 (0.93)	32.00 (1.26)	0.10 (0.23)
16	DM80001*16	64.01 (2.52)	23.70 (0.93)	32.00 (1.26)	0.09 (0.19)
18	DM80001*18	69.85 (2.75)	25.15 (0.99)	35.05 (1.38)	0.09 (0.20)
20	DM80001*20	74.17 (2.91)	28.70 (1.13)	37.08 (1.46)	0.15 (0.32)
22	DM80001*22	76.20 (3.00)	30.48 (1.20)	38.10 (1.50)	0.15 (0.33)
25	DM80001*25	84.07 (3.31)	35.31 (1.39)	41.91 (1.65)	0.24 (0.53)
28	DM80001*28	88.90 (3.50)	37.59 (1.48)	44.45 (1.75)	0.24 (0.54)
30	DM80001*30	93.98 (3.70)	41.91 (1.65)	46.99 (1.85)	0.39 (0.85)
35	DM80001*35	101.60 (4.00)	46.23 (1.82)	50.80 (2.00)	0.41 (0.91)
38	DM80001*38	108.97 (4.29)	52.07 (2.05)	54.61 (2.15)	0.71 (1.57)
42	DM20001*20	120.65 (4.75)	57.40 (2.26)	60.45 (2.38)	0.89 (1.96)
50	DM80001*50	127.00 (5.00)	65.53 (2.58)	63.50 (2.50)	1.12 (2.46)
**60K	DM20001K32	177.80 (7.00)	77.22 (3.04)	88.90 (3.50)	2.00 (4.40)
60G	DM80001G60	177.80 (7.00)	77.22 (3.04)	88.90 (3.50)	2.00 (4.40)

**2" DM 20 Series Stainless Steel fittings are also used for 60mm Stainless Steel applications.

3D step models available upon request

DM 80 Series - Metric Tube



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

ORDER EXAMPLE:
 DM80002G06

Coupling with Inner Stop, Metric - DM80002

Size OD (mm)	Part Number	Dimensions - mm (Inch)			*Weight K & G kg (lbs)
		A	B	C Insertion Depth	
6	DM80002*06	34.29 (1.35)	9.80 (0.39)	16.51 (0.65)	0.01 (0.02)
8	DM80002*08	39.88 (1.57)	12.19 (0.48)	19.30 (0.76)	0.01 (0.03)
10	DM80002*10	49.53 (1.95)	15.09 (0.59)	24.13 (0.95)	0.06 (0.03)
12	DM80002*12	55.37 (2.18)	18.59 (0.73)	26.92 (1.06)	0.05 (0.10)
15	DM80002*15	65.28 (2.57)	23.70 (0.93)	32.00 (1.26)	0.10 (0.23)
16	DM80002*16	65.28 (2.57)	23.70 (0.93)	32.00 (1.26)	0.09 (0.20)
18	DM80002*18	71.12 (2.80)	25.15 (0.99)	35.05 (1.38)	0.10 (0.22)
20	DM80002*20	75.44 (2.97)	28.70 (1.13)	37.08 (1.46)	0.15 (0.32)
22	DM80002*22	77.47 (3.05)	30.48 (1.20)	38.10 (1.50)	0.15 (0.33)
25	DM80002*25	85.34 (3.36)	35.31 (1.39)	41.91 (1.65)	0.24 (0.54)
28	DM80002*28	90.17 (3.55)	37.59 (1.48)	44.45 (1.75)	0.25 (0.55)
30	DM80002*30	95.25 (3.75)	41.91 (1.65)	46.99 (1.85)	0.39 (0.85)
35	DM80002*35	102.87 (4.05)	46.23 (1.82)	50.80 (2.00)	0.41 (0.91)
38	DM80002*38	110.24 (4.34)	52.07 (2.05)	54.61 (2.15)	0.71 (1.57)
42	DM20002*20	121.92 (4.80)	57.40 (2.26)	60.45 (2.38)	0.89 (1.96)
50	DM80002*50	128.27 (5.05)	65.53 (2.58)	63.50 (2.50)	0.89 (1.96)
**60K	DM20002K32	179.07 (7.05)	77.22 (3.04)	88.90 (3.50)	2.00 (4.40)
60G	DM80002G60	179.07 (7.05)	77.22 (3.04)	88.90 (3.50)	2.00 (4.40)

**2" DM 20 Series Stainless Steel fittings are also used for 60mm Stainless Steel applications.

3D step models available upon request

PYPLOK

FLANGES

PIPES & TUBES

CLAMPS

VALVES

BITE TYPE FITTINGS

HP HOSES

QUICK COUPL.

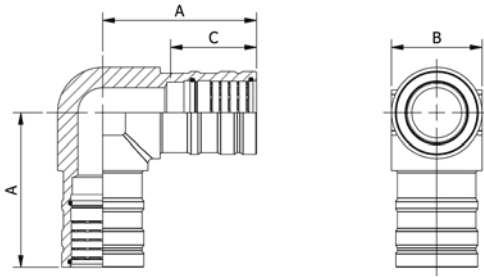
TEST POINTS

ADAPTORS

MACHINES

OTHER PRODUCTS

DM 80 Series - Metric Tube



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

ORDER EXAMPLE:
 DM80003G06

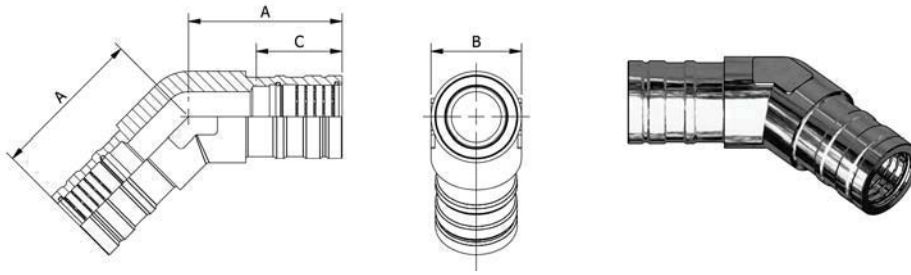
90° Elbow, Metric - DM80003

Size OD (mm)	Part Number	Dimensions - mm (Inch)			*Weight K & G kg (lbs)
		A	B	C Insertion Depth	
6	DM80003*06	27.94 (1.10)	11.81 (0.47)	16.51 (0.65)	0.02 (0.04)
8	DM80003*08	35.31 (1.39)	16.00 (0.63)	19.30 (0.76)	0.04 (0.08)
10	DM80003*10	42.67 (1.68)	21.84 (0.86)	24.13 (0.95)	0.08 (0.18)
12	DM80003*12	45.29 (1.78)	21.84 (0.86)	26.92 (1.06)	0.09 (0.20)
15	DM80003*15	52.07 (2.05)	26.92 (1.06)	32.00 (1.26)	0.18 (0.40)
16	DM80003*16	52.07 (2.05)	26.92 (1.06)	32.00 (1.26)	0.20 (0.43)
18	DM80003*18	52.07 (2.05)	26.92 (1.06)	35.05 (1.38)	0.21 (0.46)
20	DM80003*20	73.15 (2.88)	33.02 (1.30)	37.08 (1.46)	0.36 (0.80)
22	DM80003*22	73.15 (2.88)	33.02 (1.30)	38.10 (1.50)	0.47 (1.04)
25	DM80003*25	76.96 (3.03)	40.13 (1.58)	41.91 (1.65)	0.58 (1.27)
28	DM80003*28	76.96 (3.03)	40.13 (1.58)	44.45 (1.75)	0.66 (1.45)
30	DM80003*30	85.60 (3.37)	50.04 (1.97)	46.99 (1.85)	1.13 (2.50)
35	DM80003*35	85.60 (3.37)	50.04 (1.97)	50.80 (2.00)	1.18 (2.60)
38	DM80003*38	107.95 (4.25)	63.50 (2.50)	54.61 (2.15)	2.46 (5.42)
42	DM20003*20	107.95 (4.25)	63.50 (2.50)	60.45 (2.38)	2.70 (5.95)
50	DM80003*50	115.32 (4.54)	71.37 (2.81)	63.50 (2.50)	3.18 (7.00)
**60K	DM20003K32	138.43 (5.45)	82.55 (3.25)	88.90 (3.50)	4.40 (9.70)
60G	DM20003G60	138.43 (5.45)	82.55 (3.25)	88.90 (3.50)	4.40 (9.70)

**2" DM 20 Series Stainless Steel fittings are also used for 60mm Stainless Steel applications.

3D step models available upon request

DM 80 Series - Metric Tube



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

ORDER EXAMPLE:
 DM80017G06

45° Elbow, Metric - DM80017					
Size OD (mm)	Part Number	Dimensions - mm (Inch)			*Weight K & G kg (lbs)
		A	B	C Insertion Depth	
6	DM80017*06	27.94 (1.10)	11.81 (0.47)	16.51 (0.65)	0.02 (0.05)
8	DM80017*08	35.31 (1.39)	16.00 (0.63)	19.30 (0.76)	0.05 (0.10)
10	DM80017*10	42.67 (1.68)	21.84 (0.86)	24.13 (0.95)	0.09 (0.19)
12	DM80017*12	45.21 (1.78)	21.84 (0.86)	26.92 (1.06)	0.13 (0.29)
15	DM80017*15	52.07 (2.05)	26.92 (1.06)	32.00 (1.26)	0.23 (0.50)
16	DM80017*16	52.07 (2.05)	26.92 (1.06)	32.00 (1.26)	0.23 (0.50)
18	DM80017*18	52.07 (2.05)	26.92 (1.06)	35.05 (1.38)	0.21 (0.47)
20	DM80017*20	73.15 (2.88)	33.02 (1.30)	37.08 (1.46)	0.46 (1.02)
22	DM80017*22	73.15 (2.88)	33.02 (1.30)	38.10 (1.50)	0.48 (1.05)
25	DM80017*25	76.96 (3.03)	40.13 (1.58)	41.91 (1.65)	0.72 (1.59)
28	DM80017*28	76.96 (3.03)	40.13 (1.58)	44.45 (1.75)	0.68 (1.50)
30	DM80017*30	85.60 (3.37)	50.04 (1.97)	46.99 (1.85)	1.22 (2.68)
35	DM80017*35	85.60 (3.37)	50.04 (1.97)	50.80 (2.00)	1.16 (2.55)
38	DM80017*38	107.95 (4.25)	63.50 (2.50)	54.61 (2.15)	2.30 (5.08)
42	DM20017*20	107.95 (4.25)	63.50 (2.50)	60.45 (2.38)	2.54 (5.60)
50	DM80017*50	115.32 (4.54)	71.37 (2.81)	63.50 (2.50)	3.30 (7.27)
**60	DM20017K32	138.43 (5.45)	82.55 (3.25)	88.90 (3.50)	4.35 (9.60)

**Only available in Stainless Steel.

3D step models available upon request

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PIPES & TUBES

CLAMPS

VALVES

BITE TYPE FITTINGS

HP HOSES

QUICK COUPL.

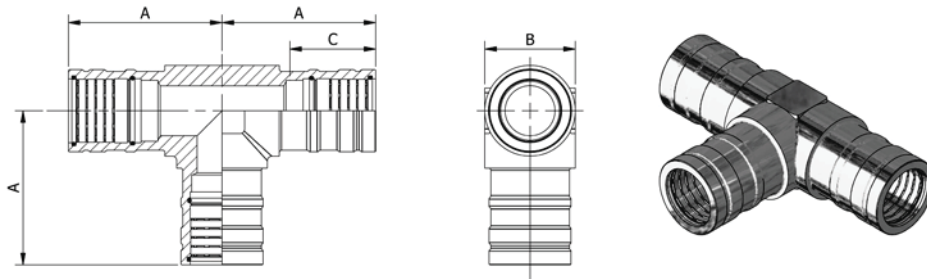
TEST POINTS

ADAPTORS

MACHINES

OTHER PRODUCTS

DM 80 Series - Metric Tube



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

ORDER EXAMPLE:
 DM80004G06

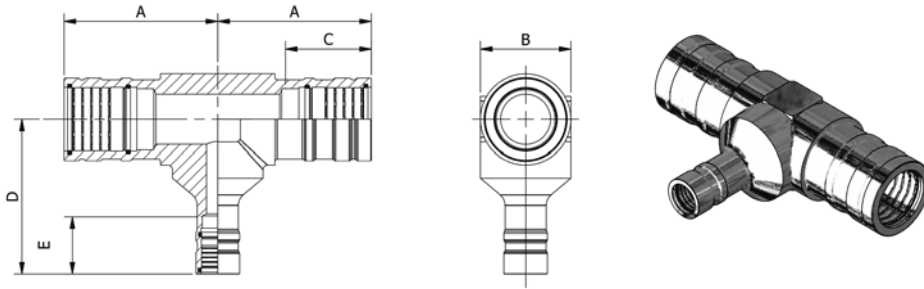
Tee, Metric - DM80004

Size OD (mm)	Part Number	Dimensions - mm (Inch)			*Weight K & G kg (lbs)
		A	B	C Insertion Depth	
6	DM80004*06	27.94 (1.10)	11.81 (0.47)	16.51 (0.65)	0.03 (0.06)
8	DM80004*08	35.31 (1.39)	16.00 (0.63)	19.30 (0.76)	0.06 (0.13)
10	DM80004*10	42.67 (1.68)	21.84 (0.86)	24.13 (0.95)	0.09 (0.20)
12	DM80004*12	45.21 (1.78)	21.84 (0.86)	26.92 (1.06)	0.15 (0.34)
15	DM80004*15	52.07 (2.05)	26.92 (1.06)	32.00 (1.26)	0.27 (0.59)
16	DM80004*16	52.07 (2.05)	26.92 (1.06)	32.00 (1.26)	0.29 (0.65)
18	DM80004*18	52.07 (2.05)	26.92 (1.06)	35.05 (1.38)	0.27 (0.60)
20	DM80004*20	73.15 (2.88)	33.02 (1.30)	37.08 (1.46)	0.59 (1.30)
22	DM80004*22	73.15 (2.88)	33.02 (1.30)	38.10 (1.50)	0.64 (1.42)
25	DM80004*25	76.96 (3.03)	40.13 (1.58)	41.91 (1.65)	0.91 (2.01)
28	DM80004*28	76.96 (3.03)	40.13 (1.58)	44.45 (1.75)	0.89 (1.96)
30	DM80004*30	85.60 (3.37)	50.04 (1.97)	46.99 (1.85)	1.46 (3.22)
35	DM80004*35	85.60 (3.37)	50.04 (1.97)	50.80 (2.00)	1.46 (3.22)
38	DM80004*38	107.95 (4.25)	63.50 (2.50)	54.61 (2.15)	3.00 (6.61)
42	DM20004*20	107.95 (4.25)	63.50 (2.50)	60.45 (2.38)	3.22 (7.10)
50	DM80004*50	115.32 (4.54)	71.37 (2.81)	63.50 (2.50)	4.09 (9.02)
**60K	DM20004K32	138.43 (5.45)	71.37 (2.81)	88.90 (3.50)	5.55 (12.20)
60G	DM80004G60	138.43 (5.45)	82.55 (3.25)	88.90 (3.50)	5.55 (12.20)

**2" DM 20 Series Stainless Steel fittings are also used for 60mm Stainless Steel applications.

3D step models available upon request

DM 80 Series - Metric Tube



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

ORDER EXAMPLE:
 DM80104G0806

Other configurations available.
 Contact factory for details.

Reducing Tee, Metric - DM80104

Run Size OD (mm)	Branch Size OD (mm)	Part Number	Dimensions - mm (Inch)					*Weight K & G kg (lbs)
			A	B	C Insertion Depth	D	E Insertion Depth	
8	6	DM80104*0806	35.31 (1.39)	16.00 (0.63)	19.30 (0.76)	31.75 (1.25)	16.51 (0.65)	0.06 (0.13)
10	8	DM80104*1008	42.67 (1.68)	21.84 (0.86)	24.13 (0.95)	41.91 (1.65)	19.30 (0.76)	0.11 (0.24)
12	10	DM80104*1210	42.21 (1.78)	21.84 (0.86)	26.92 (1.06)	46.23 (0.82)	24.13 (0.95)	0.17 (0.37)
15	10	DM80104*1510	52.07 (2.05)	26.92 (1.06)	32.00 (1.26)	47.50 (1.87)	24.13 (0.95)	0.28 (0.61)
15	12	DM80104*1512	52.07 (2.05)	26.92 (1.06)	32.00 (1.26)	49.53 (1.95)	26.92 (1.06)	0.29 (0.63)
16	10	DM80104*1610	52.07 (2.05)	26.92 (1.06)	32.00 (1.26)	47.50 (1.87)	24.13 (0.95)	0.27 (0.59)
16	12	DM80104*1612	52.07 (2.05)	26.92 (1.06)	32.00 (1.26)	49.28 (1.94)	26.92 (1.06)	0.26 (0.57)
18	12	DM80104*1812	52.07 (2.05)	26.92 (1.06)	35.05 (1.38)	46.48 (1.83)	26.92 (1.06)	0.25 (0.56)
18	15	DM80104*1815	52.07 (2.05)	26.92 (1.06)	35.05 (1.38)	50.80 (2.00)	32.00 (1.26)	0.29 (0.63)
20	12	DM80104*2012	73.15 (2.88)	33.02 (1.30)	37.08 (1.46)	52.83 (2.08)	26.92 (1.06)	0.54 (1.19)
20	16	DM80104*2016	73.15 (2.88)	33.02 (1.30)	37.08 (1.46)	65.28 (2.57)	32.00 (1.26)	0.56 (1.24)
22	15	DM80104*2215	73.15 (2.88)	33.02 (1.30)	38.10 (1.50)	57.40 (2.26)	32.00 (1.26)	0.54 (1.19)
22	18	DM80104*2218	73.15 (2.88)	33.02 (1.30)	38.10 (1.50)	63.50 (2.50)	38.10 (1.50)	0.54 (1.20)
25	16	DM80104*2516	76.96 (3.03)	40.13 (1.58)	41.91 (1.65)	72.14 (2.84)	32.00 (1.26)	0.91 (2.00)
25	20	DM80104*2520	76.96 (3.03)	40.13 (1.58)	41.91 (1.65)	79.76 (3.14)	37.08 (1.46)	1.09 (2.40)
28	18	DM80104*2818	76.96 (3.03)	40.13 (1.58)	44.45 (1.75)	76.20 (3.00)	35.05 (1.38)	0.86 (1.90)
28	22	DM80104*2822	76.96 (3.03)	40.13 (1.58)	44.45 (1.75)	79.76 (3.14)	38.10 (1.50)	0.87 (1.91)
30	20	DM80104*3020	85.60 (3.37)	50.04 (1.97)	46.99 (1.85)	79.76 (3.14)	37.08 (1.46)	1.44 (3.18)
30	25	DM80104*3025	85.60 (3.37)	50.04 (1.97)	46.99 (1.85)	85.60 (3.37)	41.91 (1.65)	1.51 (3.22)
35	20	DM80104*3520	85.60 (3.37)	50.04 (1.97)	50.80 (2.00)	85.60 (3.37)	37.08 (1.46)	1.41 (3.10)
35	22	DM80104*3522	85.60 (3.37)	50.04 (1.97)	50.80 (2.00)	85.60 (3.37)	38.10 (1.50)	1.49 (3.28)
35	28	DM80104*3528	85.60 (3.37)	50.04 (1.97)	50.80 (2.00)	85.60 (3.37)	44.45 (1.75)	1.56 (3.43)
38	25	DM80104*3825	107.95 (4.25)	63.50 (2.50)	54.61 (2.15)	107.95 (4.25)	41.91 (1.65)	3.06 (6.75)
38	30	DM80104*3830	107.95 (4.25)	63.50 (2.50)	54.61 (2.15)	107.95 (4.25)	46.99 (1.85)	3.04 (6.70)
42	35	DM80104*4235	107.95 (4.25)	63.50 (2.50)	60.45 (2.38)	107.95 (4.25)	50.80 (2.00)	3.19 (7.04)
42	38	DM80104*4238	107.95 (4.25)	63.50 (2.50)	60.45 (2.38)	107.95 (4.25)	54.61 (2.15)	3.67 (8.08)
50	38	DM80104*5038	115.32 (4.54)	71.37 (2.81)	63.50 (2.50)	115.32 (4.54)	54.61 (2.15)	4.11 (9.06)
50	42	DM80104*5042	115.32 (4.54)	71.37 (2.81)	63.50 (2.50)	115.32 (4.54)	60.45 (2.38)	3.98 (8.78)
60	38	DM80104*6038	138.43 (5.45)	82.55 (3.25)	88.90 (3.50)	138.43 (5.45)	54.16 (2.15)	6.21 (13.69)
60	50	DM80104*6050	138.43 (5.45)	82.55 (3.25)	88.90 (3.50)	138.43 (5.45)	63.50 (2.50)	6.23 (13.73)

3D step models available upon request

PYPLOK

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PIPES & TUBES

CLAMPS

VALVES

BITE TYPE FITTINGS

HP HOSES

QUICK COUPL.

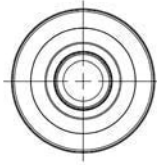
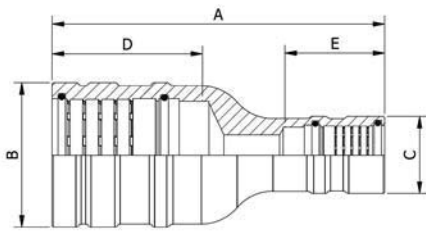
TEST POINTS

ADAPTORS

MACHINES

OTHER PRODUCTS

DM 80 Series - Metric Tube



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

ORDER EXAMPLE:
 DM80101G0806

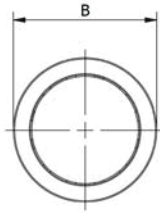
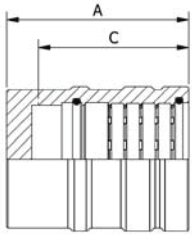
Other configurations available.
 Contact factory for details.

Reducer, Metric - DM80101

End 1 Size OD (mm)	End 2 Size OD (mm)	Part Number	Dimensions - mm (Inch)					*Weight K & G kg (lbs)
			A	B	C	D Insertion Depth	E Insertion Depth	
8	6	DM80101*0806	50.80 (2.00)	12.19 (0.48)	9.40 (0.37)	19.30 (0.76)	16.51 (0.65)	0.02 (0.04)
10	8	DM80101*1008	57.15 (2.25)	15.09 (0.59)	12.19 (0.48)	24.13 (0.95)	19.30 (0.76)	0.09 (0.20)
12	10	DM80101*1210	63.50 (2.50)	18.59 (0.73)	14.99 (0.59)	26.92 (1.06)	24.13 (0.95)	0.05 (0.11)
15	10	DM80101*1510	73.15 (2.88)	23.70 (0.93)	14.99 (0.59)	32.00 (1.26)	24.13 (0.95)	0.09 (0.19)
15	12	DM80101*1512	73.15 (2.88)	23.70 (0.93)	18.54 (0.73)	32.00 (1.26)	26.92 (1.06)	0.10 (0.21)
16	10	DM80101*1610	73.15 (2.88)	23.70 (0.93)	14.99 (0.59)	32.00 (1.26)	24.13 (0.95)	0.07 (0.17)
16	12	DM80101*1612	76.20 (3.00)	23.70 (0.93)	18.54 (0.73)	32.00 (1.26)	26.92 (1.06)	0.10 (0.22)
18	12	DM80101*1812	76.20 (3.00)	25.15 (0.99)	18.54 (0.73)	35.05 (1.38)	26.92 (1.06)	0.09 (0.20)
18	15	DM80101*1815	76.20 (3.00)	25.15 (0.99)	23.62 (0.93)	35.05 (1.38)	32.00 (1.26)	0.14 (0.30)
20	12	DM80101*2012	82.55 (3.25)	28.70 (1.13)	18.54 (0.73)	37.08 (1.46)	26.92 (1.06)	0.14 (0.30)
20	16	DM80101*2016	88.90 (3.50)	28.70 (1.13)	23.62 (0.93)	37.08 (1.46)	32.00 (1.26)	0.16 (0.36)
22	15	DM80101*2215	85.85 (3.38)	30.48 (1.20)	23.62 (0.93)	38.10 (1.50)	32.00 (1.26)	0.16 (0.36)
22	18	DM80101*2218	85.85 (3.38)	30.48 (1.20)	25.15 (0.99)	38.10 (1.50)	35.05 (1.38)	0.15 (0.33)
25	16	DM80101*2516	95.25 (3.75)	35.31 (1.39)	23.62 (0.93)	41.91 (1.65)	32.00 (1.26)	0.23 (0.50)
25	20	DM80101*2520	99.06 (3.90)	35.31 (1.39)	28.70 (1.13)	41.91 (1.65)	37.08 (1.46)	0.25 (0.55)
28	18	DM80101*2818	95.55 (3.88)	37.59 (1.48)	25.15 (0.99)	44.45 (1.75)	35.05 (1.38)	0.25 (0.55)
28	22	DM80101*2822	107.95 (4.25)	37.59 (1.48)	30.48 (1.20)	44.45 (1.75)	38.10 (1.50)	0.29 (0.65)
30	20	DM80101*3020	107.95 (4.25)	41.91 (1.65)	28.70 (1.13)	46.99 (1.85)	37.08 (1.46)	0.31 (0.68)
30	25	DM80101*3025	114.30 (4.50)	41.91 (1.65)	35.31 (1.39)	46.99 (1.85)	41.91 (1.65)	0.38 (0.84)
35	22	DM80101*3522	114.30 (4.50)	46.23 (1.82)	30.48 (1.20)	50.80 (2.00)	38.10 (1.50)	0.45 (1.00)
35	28	DM80101*3528	120.65 (4.75)	46.23 (1.82)	37.59 (1.48)	50.80 (2.00)	44.45 (1.75)	0.48 (1.06)
38	25	DM80101*3825	120.65 (4.75)	52.07 (2.05)	35.31 (1.39)	54.61 (2.15)	41.91 (1.65)	0.64 (1.40)
38	30	DM80101*3830	130.02 (5.13)	52.07 (2.05)	41.91 (1.65)	54.61 (2.15)	46.99 (1.85)	0.75 (1.65)
42	35	DM80101*4235	133.35 (5.25)	57.50 (2.26)	46.23 (1.82)	60.45 (2.38)	50.80 (2.00)	0.83 (1.83)
42	38	DM80101*4238	143.00 (5.63)	57.50 (2.26)	52.07 (2.05)	60.45 (2.38)	54.61 (2.15)	1.00 (2.20)
50	38	DM80101*5038	152.40 (6.00)	65.53 (2.58)	52.07 (2.05)	63.50 (2.50)	54.61 (2.15)	1.22 (2.69)
50	42	DM80101*5042	158.75 (6.25)	65.53 (2.58)	57.40 (2.26)	63.50 (2.50)	60.45 (2.38)	1.31 (2.88)
60	38	DM80101*6038	165.10 (6.50)	77.22 (3.04)	52.07 (2.05)	88.90 (3.50)	54.61 (2.15)	1.81 (3.99)
60	50	DM80101*6050	174.75 (6.88)	77.22 (3.04)	65.53 (2.58)	88.90 (3.50)	63.50 (2.50)	1.90 (4.19)

3D step models available upon request

DM 80 Series - Metric Tube



*MATERIAL CODE:

K = STAINLESS STEEL

G = CARBON STEEL

B = COPPER NICKEL 70/30

ORDER EXAMPLE:

DM80085G06

End Cap, Metric - DM80085

Size OD (mm)	Part Number	Dimensions - mm (Inch)			*Weight K & G kg (lbs)
		A	B	C Insertion Depth	
6	DM80085*06	23.11 (0.91)	9.80 (0.39)	16.51 (0.65)	0.01 (0.02)
8	DM80085*08	29.21 (1.15)	12.19 (0.48)	19.30 (0.76)	0.01 (0.02)
10	DM80085*10	33.78 (1.33)	15.09 (0.59)	24.13 (0.95)	0.02 (0.05)
12	DM80085*12	37.59 (1.48)	18.59 (0.73)	26.92 (1.06)	0.04 (0.08)
15	DM80085*15	45.72 (1.80)	23.70 (0.93)	32.00 (1.26)	0.09 (0.19)
16	DM80085*16	45.72 (1.80)	23.70 (0.93)	32.00 (1.26)	0.08 (0.17)
18	DM80085*18	51.82 (2.04)	25.15 (0.99)	35.05 (1.38)	0.10 (0.21)
20	DM80085*20	55.63 (2.19)	28.70 (1.13)	37.08 (1.46)	0.14 (0.31)
22	DM80085*22	56.64 (2.23)	30.48 (1.20)	38.10 (1.50)	0.15 (0.33)
25	DM80085*25	60.71 (2.39)	35.31 (1.39)	41.91 (1.65)	0.23 (0.50)
28	DM80085*28	62.99 (2.48)	37.59 (1.48)	44.45 (1.75)	0.24 (0.52)
30	DM80085*30	65.53 (2.58)	41.91 (1.65)	46.99 (1.85)	0.34 (0.76)
35	DM80085*35	69.34 (2.73)	46.23 (1.82)	50.80 (2.00)	0.39 (0.85)
38	DM80085*38	73.15 (2.88)	52.07 (2.05)	54.61 (2.15)	0.62 (1.36)
42	DM20085*20	73.15 (2.88)	57.40 (2.26)	60.45 (2.38)	0.65 (1.44)
50	DM80085*50	82.04 (3.23)	65.53 (2.58)	63.50 (2.50)	0.92 (2.03)
**60K	DM20085K32	104.90 (4.13)	77.22 (3.04)	88.90 (3.50)	1.42 (3.13)
60G	DM80085G60	104.90 (4.13)	77.22 (3.04)	88.90 (3.50)	1.42 (3.13)

**2" DM 20 Series Stainless Steel fittings are also used for 60mm Stainless Steel applications.

3D step models available upon request

PYPLOK

FLANGES

PIPES & TUBES

CLAMPS

VALVES

BITE TYPE FITTINGS

HP HOSES

QUICK COUPL.

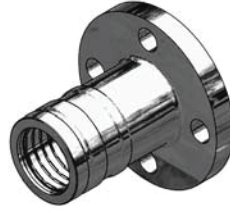
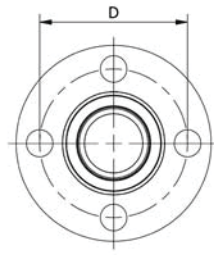
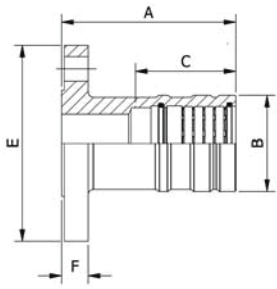
TEST POINTS

ADAPTORS

MACHINES

OTHER PRODUCTS

DM 80 Series - Metric Tube



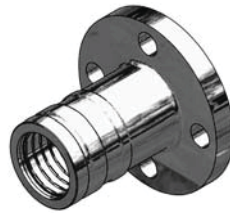
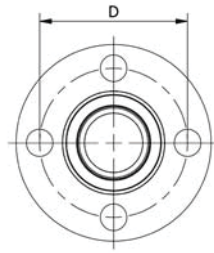
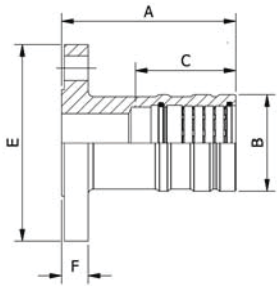
***MATERIAL CODE:**
K = STAINLESS STEEL
G = CARBON STEEL
B = COPPER NICKEL 70/30

ORDER EXAMPLE:
DM80028G2015

Flange – PN16, Metric - DM80028

Size OD (mm)	Flange Size	Part Number	Dimensions - mm (Inch)						Bolt Size	*Weight K & G kg (lbs)
			A	B	C Insertion Depth	D	E	F		
20	DN15	DM80028*2015	80.01 (3.15)	28.70 (1.13)	37.08 (1.46)	65.02 (2.56)	95.00 (3.74)	14.00 (0.55)	M12	0.79 (1.75)
25	DN20	DM80028*2520	85.09 (3.35)	35.31 (1.39)	41.91 (1.65)	74.93 (2.95)	104.90 (4.13)	16.00 (0.63)	M12	1.15 (2.54)
30	DN25	DM80028*3025	95.00 (3.74)	41.91 (1.65)	46.99 (1.85)	85.09 (3.35)	115.06 (4.53)	16.00 (0.63)	M12	1.36 (3.00)
38	DN32	DM80028*3832	100.08 (3.94)	52.07 (2.05)	54.61 (2.15)	100.08 (3.94)	139.95 (5.51)	16.00 (0.63)	M16	2.24 (4.93)
42	DN32	DM80028*4232	115.06 (4.53)	57.40 (2.26)	60.45 (2.38)	100.08 (3.94)	139.95 (5.51)	16.00 (0.63)	M16	2.54 (5.59)
50	DN40	DM80028*5040	115.06 (4.53)	65.53 (2.58)	63.50 (2.50)	109.98 (4.33)	150.11 (5.91)	16.00 (0.63)	M16	2.83 (6.25)
60	DN50	DM80028*6050	145.03 (5.71)	77.22 (3.04)	88.90 (3.50)	124.97 (4.92)	165.10 (6.50)	18.03 (0.71)	M16	4.17 (9.19)

DM80028G60 is made from ASTM-A105/A350 LF2 material.



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

ORDER EXAMPLE:
DM80029G2015

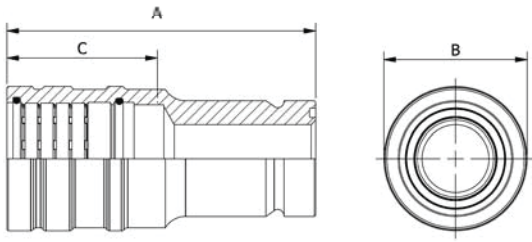
Flange – PN40, Metric - DM80029

Size OD (mm)	Flange Size	Part Number	Dimensions - mm (Inch)						Bolt Size	*Weight K & G kg (lbs)
			A	B	C Insertion Depth	D	E	F		
20	DN15	DM80029*2015	80.01 (3.15)	28.70 (1.13)	37.08 (1.46)	65.02 (2.56)	95.00 (3.74)	16.00 (0.63)	M12	0.89 (1.96)
25	DN20	DM80029*2520	85.09 (3.35)	35.31 (1.39)	41.91 (1.65)	74.93 (2.95)	104.90 (4.13)	18.03 (0.71)	M12	1.27 (2.79)
30	DN25	DM80029*3025	95.00 (3.74)	41.91 (1.65)	46.99 (1.85)	85.09 (3.35)	115.06 (4.53)	18.03 (0.71)	M12	1.48 (3.26)
38	DN32	DM80029*3832	100.08 (3.94)	52.07 (2.05)	54.61 (2.15)	100.08 (3.94)	139.95 (5.51)	18.03 (0.71)	M16	2.43 (5.36)
42	DN32	DM80029*4232	115.06 (4.53)	57.40 (2.26)	60.45 (2.38)	100.08 (3.94)	139.95 (5.51)	18.03 (0.71)	M16	2.73 (6.01)
50	DN40	DM80029*5040	118.36 (4.66)	65.53 (2.58)	63.50 (2.50)	109.98 (4.33)	150.11 (5.91)	18.03 (0.71)	M16	3.01 (6.63)
60	DN50	DM80029*6050	145.03 (5.71)	77.22 (3.04)	88.90 (3.50)	124.97 (4.92)	165.10 (6.50)	20.07 (0.79)	M16	4.42 (9.74)

DM80029G60 is made from ASTM-A105/A350 LF2 material.

3D step models available upon request

DM 80 Series - Metric Tube



*MATERIAL CODE:
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ORDER EXAMPLE:
 DM80090G1608

SAE Flange Body, Metric - DM80090

Size OD (mm)	Flange Size	Part Number	Dimensions - mm (Inch)			*Weight K & G kg (lbs)
			A	B	C Insertion Depth	
16	1/2"	DM80090*1608	82.80 (3.26)	23.70 (0.93)	32.00 (1.26)	0.20 (0.43)
18	1/2"	DM80090*1808	82.80 (3.26)	23.70 (0.93)	35.05 (1.38)	0.20 (0.44)
20	1/2"	DM80090*2008	84.84 (3.34)	28.70 (1.13)	37.08 (1.46)	0.19 (0.42)
22	1/2"	DM80090*2208	84.84 (3.34)	30.48 (1.20)	38.10 (1.50)	0.23 (0.51)
25	3/4"	DM80090*2512	92.71 (3.65)	35.31 (1.39)	41.91 (1.65)	0.41 (0.90)
28	3/4"	DM80090*2812	95.25 (3.75)	37.59 (1.48)	44.45 (1.75)	0.42 (0.93)
30	1"	DM80090*3016	97.79 (3.85)	41.91 (1.65)	46.99 (1.85)	0.52 (1.14)
35	1"	DM80090*3516	107.95 (4.25)	46.23 (1.82)	50.80 (2.00)	0.59 (1.29)
38	1-1/4"	DM80090*3820	118.11 (4.65)	52.07 (2.05)	54.61 (2.15)	0.82 (1.80)
42	1-1/4"	DM20090*20	123.95 (4.88)	57.40 (2.26)	60.45 (2.38)	0.97 (2.13)
50	1-1/2"	DM80090*5024	136.65 (5.38)	65.53 (2.58)	63.50 (2.50)	1.41 (3.10)
**60K	2"	DM20090K32	165.10 (6.50)	77.22 (3.04)	88.90 (3.50)	2.01 (4.43)
60G	2"	DM80090G6032	165.10 (6.50)	77.22 (3.04)	88.90 (3.50)	2.01 (4.43)

**2" DM 20 Series Stainless Steel fittings are also used for 60mm Stainless Steel applications.

3D step models available upon request

PYPLOK

FLANGES

PIPES & TUBES

CLAMPS

VALVES

BITE TYPE FITTINGS

HP HOSES

QUICK COUPL.

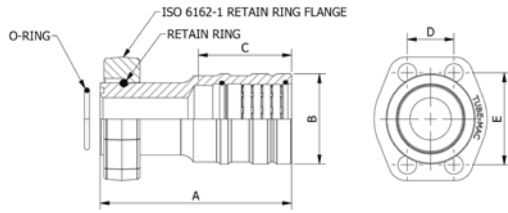
TEST POINTS

ADAPTORS

MACHINES

OTHER PRODUCTS

DM 80 Series - Metric Tube



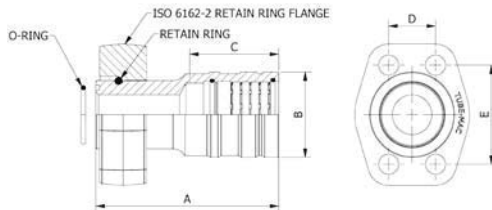
***MATERIAL CODE:**
K = STAINLESS STEEL
G = CARBON STEEL
B = COPPER NICKEL 70/30

ORDER EXAMPLE:
DM80091G1608

ISO 6162-1 Flange, Metric - DM80091

Size OD (mm)	Flange Size	Part Number	Dimensions - mm (Inch)					Bolt Size	*Weight K & G kg (lbs)
			A	B	C Insertion Depth	D	E		
16	1/2"	DM80091*1608	82.80 (3.26)	23.70 (0.93)	32.00 (1.26)	17.53 (0.69)	38.10 (1.50)	M8	0.40 (0.89)
18	1/2"	DM80091*1808	82.80 (3.26)	25.15 (0.99)	35.05 (1.38)	17.53 (0.69)	38.10 (1.50)	M8	0.41 (0.90)
20	1/2"	DM80091*2008	84.84 (3.34)	28.70 (1.13)	37.08 (1.46)	17.53 (0.69)	38.10 (1.50)	M8	0.40 (0.88)
22	1/2"	DM80091*2208	84.84 (3.34)	30.48 (1.20)	38.10 (1.50)	17.53 (0.69)	38.10 (1.50)	M8	0.44 (0.97)
25	3/4"	DM80091*2512	92.71 (3.65)	35.31 (1.39)	41.91 (1.65)	22.35 (0.88)	47.75 (1.88)	M10	0.64 (1.40)
28	3/4"	DM80091*2812	95.25 (3.75)	37.59 (1.48)	44.45 (1.75)	22.35 (0.88)	47.75 (1.88)	M10	0.65 (1.43)
30	1"	DM80091*3016	97.79 (3.85)	41.91 (1.65)	46.99 (1.85)	26.16 (1.03)	52.32 (2.06)	M10	0.80 (1.77)
35	1"	DM80091*3516	107.95 (4.25)	46.23 (1.82)	50.80 (2.00)	26.16 (1.03)	52.32 (2.06)	M10	0.87 (1.92)
38	1-1/4"	DM80091*3820	118.11 (4.65)	52.07 (2.05)	54.61 (2.15)	30.23 (1.19)	58.67 (2.31)	M10	1.22 (2.70)
42	1-1/4"	DM20091*20	123.95 (4.88)	57.40 (2.26)	60.45 (2.38)	30.23 (1.19)	58.67 (2.31)	M10	1.37 (3.03)
50	1-1/2"	DM80091*5024	136.65 (5.38)	65.53 (2.58)	63.50 (2.50)	35.81 (1.41)	69.85 (2.75)	M12	2.02 (4.45)
**60K	2"	DM20091K32	165.10 (6.50)	77.22 (3.04)	88.90 (3.50)	42.93 (1.69)	77.22 (3.06)	M12	2.93 (6.45)
60G	2"	DM80091G6032	165.10 (6.50)	77.22 (3.04)	88.90 (3.50)	42.93 (1.69)	77.22 (3.06)	M12	2.93 (6.45)

**2" DM 20 Series Stainless Steel fittings are also used for 60mm Stainless Steel applications.



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

ORDER EXAMPLE:
DM80092G1608

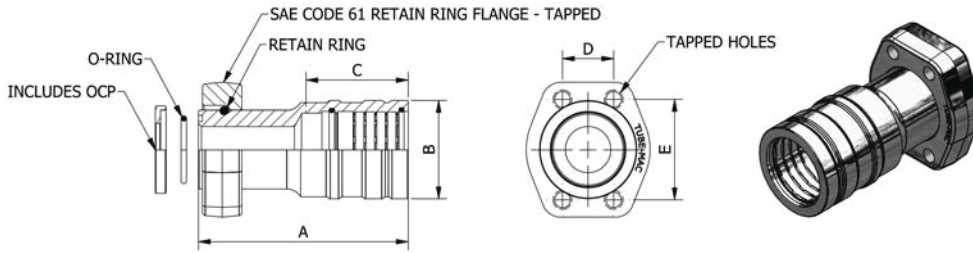
ISO 6162-2 Flange, Metric - DM80092

Size OD (mm)	Flange Size	Part Number	Dimensions - mm (Inch)					Bolt Size	*Weight K & G kg (lbs)
			A	B	C Insertion Depth	D	E		
16	1/2"	DM80092*1608	82.80 (3.26)	23.70 (0.93)	32.00 (1.26)	18.29 (0.72)	40.39 (1.59)	M8	0.40 (0.89)
18	1/2"	DM80092*1808	82.80 (3.26)	25.15 (0.99)	35.05 (1.38)	18.29 (0.72)	40.39 (1.59)	M8	0.41 (0.90)
20	1/2"	DM80092*2008	84.84 (3.34)	28.70 (1.13)	37.08 (1.46)	18.29 (0.72)	40.39 (1.59)	M8	0.40 (0.88)
22	1/2"	DM80092*2208	84.84 (3.34)	30.48 (1.20)	38.10 (1.50)	18.29 (0.72)	40.39 (1.59)	M8	0.44 (0.97)
25	3/4"	DM80092*2512	92.71 (3.65)	35.31 (1.39)	41.91 (1.65)	23.88 (0.94)	50.80 (2.00)	M10	0.78 (1.71)
28	3/4"	DM80092*2812	95.25 (3.75)	37.59 (1.48)	44.45 (1.75)	23.88 (0.94)	50.80 (2.00)	M10	0.79 (1.74)
30	1"	DM80092*3016	97.79 (3.85)	41.91 (1.65)	46.99 (1.85)	27.69 (1.09)	57.15 (2.25)	M12	1.09 (2.40)
35	1"	DM80092*3516	107.95 (4.25)	46.23 (1.82)	50.80 (2.00)	27.69 (1.09)	57.15 (2.25)	M12	1.16 (2.55)
38	1-1/4"	DM80092*3820	118.11 (4.65)	52.07 (2.05)	54.61 (2.15)	31.75 (1.25)	66.80 (2.63)	M14	1.70 (3.75)
42	1-1/4"	DM20092*20	123.95 (4.88)	57.40 (2.26)	60.45 (2.38)	31.75 (1.25)	66.80 (2.63)	M14	1.85 (4.08)
50	1-1/2"	DM80092*5024	136.65 (5.38)	65.53 (2.58)	63.50 (2.50)	36.58 (1.44)	79.50 (3.13)	M16	2.71 (5.98)
**60K	2"	DM20092K32	165.10 (6.50)	77.22 (3.04)	88.90 (3.50)	44.45 (1.75)	96.77 (3.81)	M20	4.46 (9.83)
60G	2"	DM80092G6032	165.10 (6.50)	77.22 (3.04)	88.90 (3.50)	44.45 (1.75)	96.77 (3.81)	M20	4.46 (9.83)

**2" DM 20 Series Stainless Steel fittings are also used for 60mm Stainless Steel applications.

3D step models available upon request

DM 80 Series - Metric Tube



***MATERIAL CODE:**

K = STAINLESS STEEL

G = CARBON STEEL

B = COPPER NICKEL 70/30

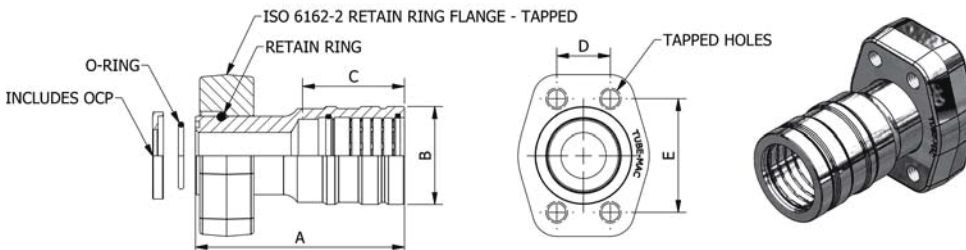
ORDER EXAMPLE:

DM80095G1608

ISO 6162-1 Tapped Flange, Metric - DM80095

Size OD (mm)	Flange Size	Part Number	Dimensions - mm (Inch)					Metric Tap	*Weight K & G kg (lbs)
			A	B	C Insertion Depth	D	E		
16	1/2"	DM80095*1608	82.80 (3.26)	23.70 (0.93)	32.00 (1.26)	17.53 (0.69)	38.10 (1.50)	M8	0.40 (0.89)
18	1/2"	DM80095*1808	82.80 (3.26)	25.15 (0.99)	35.05 (1.38)	17.53 (0.69)	38.10 (1.50)	M8	0.41 (0.90)
20	1/2"	DM80095*2008	84.84 (3.34)	28.70 (1.13)	37.08 (1.46)	17.53 (0.69)	38.10 (1.50)	M8	0.40 (0.88)
22	1/2"	DM80095*2208	84.84 (3.34)	30.48 (1.20)	38.10 (1.50)	17.53 (0.69)	38.10 (1.50)	M8	0.44 (0.97)
25	3/4"	DM80095*2512	92.71 (3.65)	35.31 (1.39)	41.91 (1.65)	22.35 (0.88)	47.75 (1.88)	M10	0.64 (1.40)
28	3/4"	DM80095*2812	95.25 (3.75)	37.59 (1.48)	44.45 (1.75)	22.35 (0.88)	47.75 (1.88)	M10	0.65 (1.43)
30	1"	DM80095*3016	97.79 (3.85)	41.91 (1.65)	46.99 (1.85)	26.16 (1.03)	52.32 (2.06)	M10	0.80 (1.77)
35	1"	DM80095*3516	107.95 (4.25)	46.23 (1.82)	50.80 (2.00)	26.16 (1.03)	52.32 (2.06)	M10	0.87 (1.92)
38	1-1/4"	DM80095*3820	118.11 (4.65)	52.07 (2.05)	54.61 (2.15)	30.23 (1.19)	58.67 (2.31)	M10	1.22 (2.70)
42	1-1/4"	DM80095*4220	123.95 (4.88)	57.40 (2.26)	60.45 (2.38)	30.23 (1.19)	58.67 (2.31)	M10	1.37 (3.03)
50	1-1/2"	DM80095*5024	136.65 (5.38)	65.53 (2.58)	63.50 (2.50)	35.81 (1.41)	69.85 (2.75)	M12	2.02 (4.45)
**60K	2"	DM80095K6032	165.10 (6.50)	77.22 (3.04)	88.90 (3.50)	42.93 (1.69)	77.22 (3.06)	M12	2.93 (6.45)
60G	2"	DM80095G6032	165.10 (6.50)	77.22 (3.04)	88.90 (3.50)	42.93 (1.69)	77.22 (3.06)	M12	2.93 (6.45)

**2" DM 20 Series Stainless Steel fittings are also used for 60mm Stainless Steel applications.



***MATERIAL CODE:**

K = STAINLESS STEEL

G = CARBON STEEL

B = COPPER NICKEL 70/30

ORDER EXAMPLE:

DM80096G1608

ISO 6162-2 Tapped Flange, Metric - DM80096

Size OD (mm)	Flange Size	Part Number	Dimensions - mm (Inch)					Metric Tap	*Weight K & G kg (lbs)
			A	B	C Insertion Depth	D	E		
16	1/2"	DM80096*1608	82.80 (3.26)	23.70 (0.93)	32.00 (1.26)	18.29 (0.72)	40.39 (1.59)	M8	0.40 (0.89)
18	1/2"	DM80096*1808	82.80 (3.26)	25.15 (0.99)	35.05 (1.38)	18.29 (0.72)	40.39 (1.59)	M8	0.41 (0.90)
20	1/2"	DM80096*2008	84.84 (3.34)	28.70 (1.13)	37.08 (1.46)	18.29 (0.72)	40.39 (1.59)	M8	0.40 (0.88)
22	1/2"	DM80096*2208	84.84 (3.34)	30.48 (1.20)	38.10 (1.50)	18.29 (0.72)	40.39 (1.59)	M8	0.44 (0.97)
25	3/4"	DM80096*2512	92.71 (3.65)	35.31 (1.39)	41.91 (1.65)	23.88 (0.94)	50.80 (2.00)	M10	0.78 (1.71)
28	3/4"	DM80096*2812	95.25 (3.75)	37.59 (1.48)	44.45 (1.75)	23.88 (0.94)	50.80 (2.00)	M10	0.79 (1.74)
30	1"	DM80096*3016	97.79 (3.85)	41.91 (1.65)	46.99 (1.85)	27.69 (1.09)	57.15 (2.25)	M12	1.09 (2.40)
35	1"	DM80096*3516	107.95 (4.25)	46.23 (1.82)	50.80 (2.00)	27.69 (1.09)	57.15 (2.25)	M12	1.16 (2.55)
38	1-1/4"	DM80096*3820	118.11 (4.65)	52.07 (2.05)	54.61 (2.15)	31.75 (1.25)	66.80 (2.63)	M14	1.70 (3.75)
42	1-1/4"	DM80096*4220	123.95 (4.88)	57.40 (2.26)	60.45 (2.38)	31.75 (1.25)	66.80 (2.63)	M14	1.85 (4.08)
50	1-1/2"	DM80096*5024	136.65 (5.38)	65.53 (2.58)	63.50 (2.50)	36.58 (1.44)	79.50 (3.13)	M16	2.71 (5.98)
**60K	2"	DM80096K6032	165.10 (6.50)	77.22 (3.04)	88.90 (3.50)	44.45 (1.75)	96.77 (3.81)	M20	4.46 (9.83)
60G	2"	DM80096G6032	165.10 (6.50)	77.22 (3.04)	88.90 (3.50)	44.45 (1.75)	96.77 (3.81)	M20	4.46 (9.83)

**2" DM 20 Series Stainless Steel fittings are also used for 60mm Stainless Steel applications.

3D step models available upon request

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FLANGES

PIPES & TUBES

CLAMPS

VALVES

BITE TYPE FITTINGS

HP HOSES

QUICK COUPL.

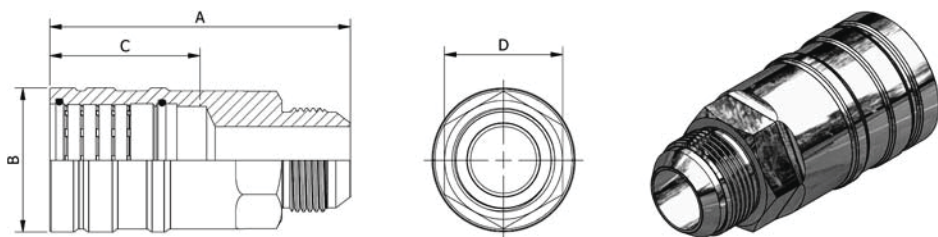
TEST POINTS

ADAPTORS

MACHINES

OTHER PRODUCTS

DM 80 Series - Metric Tube

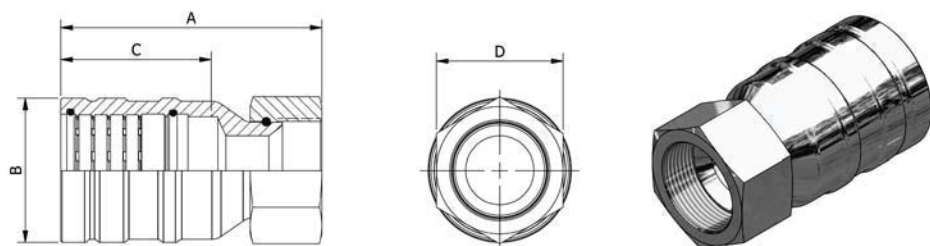


*MATERIAL CODE:
 K = STAINLESS STEEL
 G = CARBON STEEL
 B = COPPER NICKEL 70/30

ORDER EXAMPLE:
 DM80055G0604

JIC 37° Male, Metric - DM80055

Size OD (mm)	JIC Size	Part Number	Dimensions - mm (Inch)				*Weight K & G kg (lbs)
			A	B	C Insertion Depth	D	
6	04	DM80055*0604	42.67 (1.68)	9.80 (0.39)	16.51 (0.65)	12.70 (0.50)	0.02 (0.04)
8	04	DM80055*0804	46.48 (1.83)	12.19 (0.48)	19.30 (0.76)	12.70 (0.50)	0.03 (0.05)
10	06	DM80055*1006	49.53 (1.95)	15.09 (0.59)	24.13 (0.95)	16.00 (0.63)	0.04 (0.08)
12	08	DM80055*1208	60.45 (2.38)	18.59 (0.73)	26.92 (1.06)	22.10 (0.87)	0.08 (0.18)
16	10	DM80055*1610	66.80 (2.63)	23.70 (0.93)	32.00 (1.26)	26.92 (1.06)	0.12 (0.27)
20	12	DM80055*2012	84.58 (3.33)	28.70 (1.13)	37.08 (1.46)	28.70 (1.13)	0.15 (0.33)
25	16	DM80055*2516	89.92 (3.54)	35.31 (1.39)	41.91 (1.65)	35.05 (1.38)	0.31 (0.69)
30	20	DM80055*3020	101.60 (4.00)	41.91 (1.65)	46.99 (1.85)	47.75 (1.88)	0.54 (1.18)
38	24	DM80055*3824	117.60 (4.63)	52.07 (2.05)	54.61 (2.15)	50.80 (2.00)	0.82 (1.81)
42	24	DM80055*4224	117.60 (4.63)	57.40 (2.26)	60.45 (2.38)	57.15 (2.25)	1.04 (2.29)
50	24	DM80055*5024	127.00 (5.00)	65.53 (2.58)	63.50 (2.50)	66.80 (2.63)	1.32 (2.91)



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

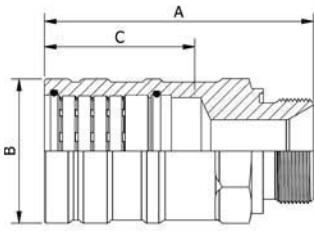
ORDER EXAMPLE:
 DM80054G0604

JIC 37° Female Swivel, Metric - DM80054

Size OD (mm)	JIC Size	Part Number	Dimensions - mm (Inch)				*Weight K & G kg (lbs)
			A	B	C Insertion Depth	D	
6	04	DM80054*0604	42.42 (1.67)	9.80 (0.39)	16.51 (0.65)	14.22 (0.56)	0.02 (0.05)
8	05	DM80054*0805	42.42 (1.67)	12.19 (0.48)	19.30 (0.76)	14.22 (0.56)	0.03 (0.06)
10	06	DM80054*1006	48.01 (1.91)	15.09 (0.59)	24.13 (0.95)	17.53 (0.69)	0.04 (0.09)
12	08	DM80054*1208	57.65 (2.27)	18.59 (0.73)	26.92 (1.06)	22.35 (0.88)	0.07 (0.16)
16	10	DM80054*1610	62.74 (2.47)	23.70 (0.93)	32.00 (1.26)	25.40 (1.00)	0.11 (0.25)
20	12	DM80054*2012	78.74 (3.10)	28.70 (1.13)	37.08 (1.46)	31.75 (1.25)	0.22 (0.48)
25	16	DM80054*2516	81.28 (3.20)	35.31 (1.39)	41.91 (1.65)	38.10 (1.50)	0.29 (0.65)
30	20	DM80054*3020	92.20 (3.63)	41.91 (1.65)	46.99 (1.85)	50.80 (2.00)	0.56 (1.24)
38	24	DM80054*3824	114.30 (4.50)	52.07 (2.05)	54.61 (2.15)	57.15 (2.25)	0.95 (2.10)
42	24	DM80054*4224	123.95 (4.88)	57.40 (2.26)	60.45 (2.38)	57.15 (2.25)	1.13 (2.49)
50	24	DM80054*5024	128.02 (5.04)	65.53 (2.58)	63.50 (2.50)	83.82 (3.30)	1.59 (3.51)

3D step models available upon request

DM 80 Series - Metric Tube



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

ORDER EXAMPLE:
 DM80153G0604

BSPP Male, Metric - DM80153

Size OD (mm)	BSPP Size	Part Number	Dimensions - mm (Inch)				*Weight K & G kg (lbs)
			A	B	C Insertion Depth	D	
6	1/4"	DM80153*0604	43.43 (1.71)	9.80 (0.39)	16.51 (0.65)	19.05 (0.75)	0.03 (0.07)
8	1/4"	DM80153*0804	45.97 (1.81)	12.19 (0.48)	19.30 (0.76)	19.05 (0.75)	0.04 (0.08)
10	1/4"	DM80153*1004	51.05 (2.01)	15.09 (0.59)	24.13 (0.95)	19.05 (0.75)	0.05 (0.10)
12	1/4"	DM80153*1204	53.84 (2.12)	18.59 (0.73)	26.92 (1.06)	19.05 (0.75)	0.05 (0.12)
15	3/8"	DM80153*1506	58.93 (2.32)	23.70 (0.93)	32.00 (1.26)	22.10 (0.87)	0.10 (0.22)
16	3/8"	DM80153*1606	58.93 (2.32)	23.70 (0.93)	32.00 (1.26)	22.10 (0.87)	0.09 (0.20)
18	3/8"	DM80153*1806	61.98 (2.44)	25.15 (0.99)	35.05 (1.38)	22.10 (0.87)	0.12 (0.27)
20	1/2"	DM80153*2008	66.29 (2.61)	28.70 (1.13)	37.08 (1.46)	29.97 (1.18)	0.15 (0.34)
22	1/2"	DM80153*2208	72.14 (2.84)	30.48 (1.20)	38.10 (1.50)	32.00 (1.26)	0.18 (0.40)
25	3/4"	DM80153*2512	83.06 (3.27)	35.31 (1.39)	41.91 (1.65)	36.07 (1.42)	0.28 (0.62)
28	3/4"	DM80153*2812	85.60 (3.37)	37.59 (1.48)	44.45 (1.75)	36.07 (1.42)	0.33 (0.72)
30	1"	DM80153*3016	85.09 (3.35)	41.91 (1.65)	46.99 (1.85)	45.97 (1.80)	0.43 (0.94)
35	1"	DM80153*3516	88.90 (3.50)	46.23 (1.82)	50.80 (2.00)	50.04 (1.97)	0.50 (1.11)
38	1-1/4"	DM80153*3820	109.73 (4.32)	52.07 (2.05)	54.61 (2.15)	56.13 (2.21)	0.95 (2.10)
42	1-1/4"	DM20153*20	107.95 (4.25)	57.40 (2.26)	60.45 (2.38)	50.04 (1.97)	0.88 (1.95)
50	1-1/2"	DM80153*5024	115.57 (4.55)	65.53 (2.58)	63.50 (2.50)	55.12 (2.17)	1.15 (2.53)
**60K	2"	DM20153K32	136.65 (5.38)	77.22 (3.04)	88.90 (3.50)	74.93 (2.95)	1.58 (3.49)
60G	2"	DM80153G6032	136.65 (5.38)	77.22 (3.04)	88.90 (3.50)	74.93 (2.95)	1.58 (3.49)

**2" DM 20 Series Stainless Steel fittings are also used for 60mm Stainless Steel applications.

3D step models available upon request

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PIPES & TUBES

CLAMPS

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BITE TYPE FITTINGS

HP HOSES

QUICK COUPL.

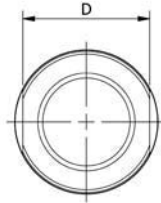
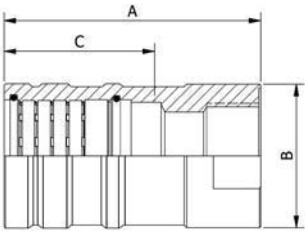
TEST POINTS

ADAPTORS

MACHINES

OTHER PRODUCTS

DM 80 Series - Metric Tube



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

ORDER EXAMPLE:
 DM80086G0604

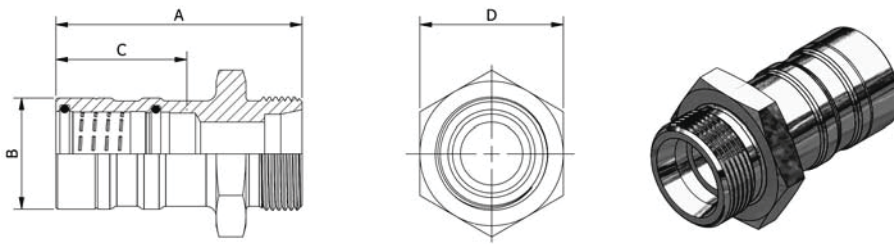
BSPP Female, Metric - DM80086

Size OD (mm)	BSPP Size	Part Number	Dimensions - mm (Inch)				*Weight K & G kg (lbs)
			A	B	C Insertion Depth	D	
6	1/4"	DM80086*0604	42.16 (1.66)	23.88 (0.94)	16.51 (0.65)	20.07 (0.79)	
8	1/4"	DM80086*0804	44.70 (1.76)	23.88 (0.94)	19.30 (0.76)	20.07 (0.79)	0.05 (0.11)
10	1/4"	DM80086*1004	49.78 (1.96)	23.88 (0.94)	24.13 (0.95)	20.07 (0.79)	0.06 (0.13)
12	1/4"	DM80086*1204	51.82 (2.04)	23.88 (0.94)	26.92 (1.06)	20.07 (0.79)	0.07 (0.16)
15	3/8"	DM80086*1506	57.40 (2.26)	26.92 (1.06)	32.00 (1.26)	22.10 (0.87)	0.06 (0.13)
16	3/8"	DM80086*1606	57.40 (2.26)	26.92 (1.06)	32.00 (1.26)	22.10 (0.87)	0.06 (0.13)
18	3/8"	DM80086*1806	57.40 (2.26)	26.92 (1.06)	35.05 (1.38)	22.10 (0.87)	0.11 (0.24)
20	1/2"	DM80086*2008	75.18 (2.96)	34.29 (1.35)	37.08 (1.46)	30.23 (1.19)	0.26 (0.57)
22	1/2"	DM80086*2208	73.15 (2.88)	34.29 (1.35)	38.10 (1.50)	30.23 (1.19)	0.23 (0.51)
25	3/4"	DM80086*2512	89.92 (3.54)	38.10 (1.50)	41.91 (1.65)	37.75 (1.25)	0.38 (0.83)
28	3/4"	DM80086*2812	89.92 (3.54)	38.10 (1.50)	41.91 (1.65)	37.75 (1.25)	0.38 (0.84)
30	1"	DM80086*3016	98.55 (3.88)	47.75 (1.88)	46.99 (1.85)	41.40 (1.63)	0.57 (1.25)
35	1"	DM80086*3516	98.55 (3.88)	47.75 (1.88)	50.80 (2.00)	41.40 (1.63)	0.60 (1.32)
38	1-1/4"	DM80086*3820	113.28 (4.46)	57.15 (2.25)	54.61 (2.15)	50.80 (2.00)	1.03 (2.27)
42	1-1/4"	DM20086*20	102.87 (4.05)	57.15 (2.25)	60.45 (2.38)	50.80 (2.00)	0.87 (1.91)
50	1-1/2"	DM80086*5024	114.30 (4.50)	69.85 (2.75)	63.50 (2.50)	63.50 (2.50)	1.36 (3.00)
**60K	2"	DM20086K32	146.05 (5.75)	88.90 (3.50)	88.90 (3.50)	76.20 (3.00)	2.33 (5.14)
60G	2"	DM80086G6032	146.05 (5.75)	88.90 (3.50)	88.90 (3.50)	76.20 (3.00)	2.33 (5.14)

**2" DM 20 Series Stainless Steel fittings are also used for 60mm Stainless Steel applications.

3D step models available upon request

DM 80 Series - Metric Tube



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

ORDER EXAMPLE:
 DM80066G06S

DIN 24° Male, Metric - DM80066

Size OD (mm)	DIN 2353/ISO 8434-1 L & S Series Thread	Part Number	Dimensions - mm (Inch)				*Weight K & G kg (lbs)
			A	B	C Insertion Depth	D	
6	6L - M12 x 1.5	DM80066*06L	38.86 (1.53)	9.80 (0.39)	16.51 (0.65)	13.97 (0.55)	0.02 (0.05)
6	6S - M14 x 1.5	DM80066*06S	38.86 (1.53)	9.80 (0.39)	16.51 (0.65)	17.02 (0.67)	0.03 (0.06)
8	8L - M14 x 1.5	DM80066*08L	50.55 (1.99)	12.19 (0.48)	19.30 (0.76)	17.02 (0.67)	0.04 (0.09)
8	8S - M16 x 1.5	DM80066*08S	53.09 (2.09)	12.19 (0.48)	19.30 (0.76)	17.02 (0.67)	0.05 (0.10)
10	10L - M16 x 1.5	DM80066*10L	54.61 (2.15)	15.09 (0.59)	24.13 (0.95)	19.05 (0.75)	0.05 (0.12)
10	10S - M18 x 1.5	DM80066*10S	57.66 (2.27)	15.09 (0.59)	24.13 (0.95)	22.10 (0.87)	0.07 (0.16)
12	12L - M18 x 1.5	DM80066*12L	52.07 (2.05)	18.59 (0.73)	26.92 (1.06)	24.13 (0.95)	0.07 (0.17)
12	12S - M20 x 1.5	DM80066*12S	56.64 (2.23)	18.59 (0.73)	26.92 (1.06)	22.10 (0.87)	0.08 (0.18)
15	15L - M22 x 1.5	DM80066*15L	57.40 (2.26)	23.70 (0.93)	32.00 (1.26)	26.92 (1.06)	0.10 (0.27)
16	16S - M24 x 1.5	DM80066*16S	62.99 (2.48)	23.70 (0.93)	32.00 (1.26)	26.92 (1.06)	0.14 (0.31)
18	18L - M26 x 1.5	DM80066*18L	60.45 (2.38)	25.15 (0.99)	35.05 (1.38)	32.00 (1.26)	0.14 (0.31)
20	20S - M30 x 2.0	DM80066*20S	67.82 (2.67)	28.70 (1.13)	37.08 (1.46)	36.07 (1.42)	0.22 (0.48)
22	22L - M30 x 2.0	DM80066*22L	68.58 (2.70)	30.48 (1.20)	38.10 (1.50)	36.07 (1.42)	0.22 (0.48)
25	25S - M36 x 2.0	DM80066*25S	78.74 (3.10)	35.31 (1.39)	41.91 (1.65)	45.97 (1.81)	0.34 (0.76)
28	28L - M36 x 2.0	DM80066*28L	82.04 (3.23)	37.59 (1.48)	44.45 (1.75)	40.89 (1.61)	0.30 (0.67)
30	30S - M42 x 2.0	DM80066*30S	85.60 (3.37)	41.91 (1.65)	46.99 (1.85)	50.04 (1.97)	0.48 (1.05)
35	35L - M45 x 2.0	DM80066*35L	85.09 (3.35)	46.23 (1.82)	50.80 (2.00)	50.04 (1.97)	0.49 (1.09)
38	38S - M52 x 2.0	DM80066*38S	100.84 (3.97)	52.07 (2.05)	54.61 (2.15)	59.94 (2.36)	0.84 (1.85)
42	42L - M52 x 2.0	DM80066*42L	95.50 (3.76)	57.40 (2.26)	60.45 (2.38)	59.94 (2.36)	0.81 (1.79)

3D step models available upon request

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CLAMPS

VALVES

BITE TYPE FITTINGS

HP HOSES

QUICK COUPL.

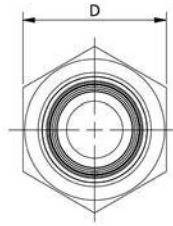
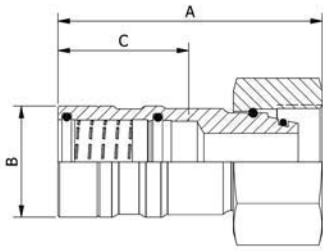
TEST POINTS

ADAPTORS

MACHINES

OTHER PRODUCTS

DM 80 Series - Metric Tube



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

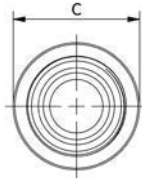
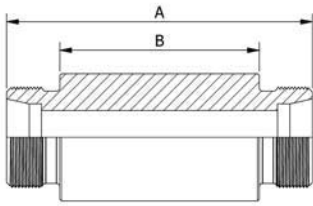
ORDER EXAMPLE:
DM80068G06S

DIN 24° Female Swivel, Metric - DM80068

Size OD (mm)	DIN 2353/ISO 8434-1 L & S Series Thread	Part Number	Dimensions - mm (Inch)				*Weight K & G kg (lbs)
			A	B	C Insertion Depth	D	
6	6L - M12 x 1.5	DM80068*06L	39.00 (1.54)	9.80 (0.39)	16.51 (0.65)	13.97 (0.55)	0.03 (0.06)
6	6S - M14 x 1.5	DM80068*06S	42.42 (1.67)	9.80 (0.39)	16.51 (0.65)	17.02 (0.67)	0.03 (0.07)
8	8L - M14 x 1.5	DM80068*08L	42.93 (1.69)	12.19 (0.48)	19.30 (0.76)	17.02 (0.67)	0.04 (0.08)
8	8S - M16 x 1.5	DM80068*08S	48.26 (1.90)	12.19 (0.48)	19.30 (0.76)	18.80 (0.74)	0.05 (0.10)
10	10L - M16 x 1.5	DM80068*10L	51.31 (2.02)	15.09 (0.59)	24.13 (0.95)	18.80 (0.74)	0.05 (0.11)
10	10S - M18 x 1.5	DM80068*10S	51.56 (2.03)	15.09 (0.59)	24.13 (0.95)	21.84 (0.86)	0.06 (0.14)
12	12L - M18 x 1.5	DM80068*12L	53.85 (2.12)	18.59 (0.73)	26.92 (1.06)	21.84 (0.86)	0.07 (0.16)
12	12S - M20 x 1.5	DM80068*12S	52.58 (2.07)	18.59 (0.73)	26.92 (1.06)	23.62 (0.93)	0.09 (0.19)
15	15L - M22 x 1.5	DM80068*15L	61.98 (2.44)	23.70 (0.93)	32.00 (1.26)	26.92 (1.06)	0.14 (0.30)
16	16S - M24 x 1.5	DM80068*16S	60.45 (2.38)	23.70 (0.93)	32.00 (1.26)	29.72 (1.17)	0.15 (0.32)
18	18L - M26 x 1.5	DM80068*18L	65.53 (2.58)	25.15 (0.99)	35.05 (1.38)	32.00 (1.26)	0.17 (0.37)
20	20S - M30 x 2.0	DM80068*20S	68.33 (2.69)	28.70 (1.13)	37.08 (1.46)	35.81 (1.41)	0.21 (0.47)
22	22L - M30 x 2.0	DM80068*22L	73.15 (2.88)	30.48 (1.20)	38.10 (1.50)	35.81 (1.41)	0.25 (0.56)
25	25S - M36 x 2.0	DM80068*25S	84.84 (3.34)	35.31 (1.39)	41.91 (1.65)	45.72 (1.80)	0.45 (1.00)
28	28L - M36 x 2.0	DM80068*28L	76.96 (3.03)	37.59 (1.48)	44.45 (1.75)	40.89 (1.61)	0.32 (0.70)
30	30S - M42 x 2.0	DM80068*30S	89.92 (3.54)	41.91 (1.65)	46.99 (1.85)	49.78 (1.96)	0.53 (1.17)
35	35L - M45 x 2.0	DM80068*35L	92.96 (3.66)	46.23 (1.82)	50.80 (2.00)	50.04 (1.97)	0.55 (1.22)
38	38S - M52 x 2.0	DM80068*38S	105.41 (4.15)	52.07 (2.05)	54.61 (2.15)	59.69 (2.35)	0.98 (2.16)
42	42L - M52 x 2.0	DM80068*42L	107.44 (4.23)	57.40 (2.26)	60.45 (2.38)	60.20 (2.37)	1.03 (2.27)

3D step models available upon request

DM 80 Series - Metric Tube



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

ORDER EXAMPLE:
 DM80089G06S

Weldable Bulkhead, Metric - DM80089

Size OD (mm)	DIN 2353/ISO 8434-1 L & S Series Thread	Part Number	Dimensions - mm (Inch)			*Weight K & G kg (lbs)
			A	B	C	
6	6L - M12 x 1.5	DM80089*06L	73.91 (2.91)	49.78 (1.96)	20.00 (0.79)	0.14 (0.30)
6	6S - M14 x 1.5	DM80089*06S	73.91 (2.91)	49.78 (1.96)	20.00 (0.79)	0.14 (0.30)
8	8L - M14 x 1.5	DM80089*08L	73.91 (2.91)	48.01 (1.89)	22.00 (0.87)	0.17 (0.37)
8	8S - M16 x 1.5	DM80089*08S	73.91 (2.91)	53.09 (2.09)	22.00 (0.87)	0.16 (0.36)
10	10L - M16 x 1.5	DM80089*10L	73.91 (2.91)	50.04 (1.97)	25.00 (0.98)	0.21 (0.46)
10	10S - M18 x 1.5	DM80089*10S	73.91 (2.91)	52.07 (2.05)	25.00 (0.98)	0.20 (0.45)
12	12L - M18 x 1.5	DM80089*12L	73.91 (2.91)	50.04 (1.97)	25.00 (0.98)	0.18 (0.40)
12	12S - M20 x 1.5	DM80089*12S	73.91 (2.91)	51.82 (2.04)	28.00 (1.10)	0.25 (0.56)
15	15L - M22 x 1.5	DM80089*15L	84.07 (3.31)	59.94 (2.36)	28.00 (1.10)	0.27 (0.59)
16	16S - M24 x 1.5	DM80089*16S	88.14 (3.47)	59.94 (2.36)	35.00 (1.38)	0.45 (0.99)
18	18L - M26 x 1.5	DM80089*18L	84.07 (3.31)	59.94 (2.36)	32.00 (1.26)	0.34 (0.75)
20	20S - M30 x 2.0	DM80089*20S	91.95 (3.62)	59.94 (2.36)	38.00 (1.50)	0.52 (1.15)
22	22L - M30 x 2.0	DM80089*22L	87.88 (3.46)	59.94 (2.36)	36.00 (1.42)	0.40 (0.89)
25	25S - M36 x 2.0	DM80089*25S	96.01 (3.78)	59.94 (2.36)	45.00 (1.77)	0.73 (1.61)
28	28L - M36 x 2.0	DM80089*28L	87.88 (3.46)	59.94 (2.36)	40.00 (1.58)	0.45 (1.00)
30	30S - M42 x 2.0	DM80089*30S	99.82 (3.93)	59.94 (2.36)	50.00 (1.97)	0.88 (1.95)
35	35L - M45 x 2.0	DM80089*35L	91.95 (3.62)	59.94 (2.36)	50.00 (1.97)	0.73 (1.62)
38	38S - M52 x 2.0	DM80089*38S	103.89 (4.09)	59.94 (2.36)	60.00 (2.36)	1.26 (2.77)
42	42L - M52 x 2.0	DM80089*42L	91.95 (3.62)	59.94 (2.36)	60.00 (2.36)	1.02 (2.24)

3D step models available upon request

PYPLOK

FLANGES

PIPES & TUBES

CLAMPS

VALVES

BITE TYPE FITTINGS

HP HOSES

QUICK COUPL.

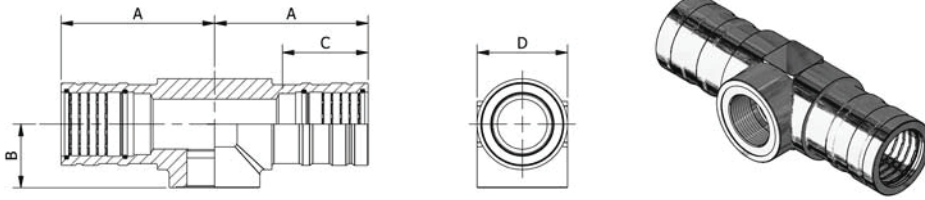
TEST POINTS

ADAPTORS

MACHINES

OTHER PRODUCTS

DM 80 Series - Metric Tube



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

ORDER EXAMPLE:
 DM80172G1004

BSPP Female Branch Tee, Metric - DM80172

SIZE OD (mm)	BSPP Size	Part Number	Dimensions - mm (Inch)				*Weight K & G kg (lbs)
			A	B	C Insertion Depth	D	
10	1/4"	DM80172*1004	46.99 (1.85)	20.83 (0.82)	24.13 (0.95)	21.84 (0.86)	0.15 (0.33)
12	1/4"	DM80172*1204	47.75 (1.88)	20.83 (0.82)	26.92 (1.06)	26.92 (1.06)	0.14 (0.30)
15	3/8"	DM80172*1506	52.07 (2.05)	22.35 (0.88)	32.00 (1.26)	26.16 (1.03)	0.27 (0.60)
16	3/8"	DM80172*1606	52.07 (2.05)	22.35 (0.88)	32.00 (1.26)	26.16 (1.03)	0.25 (0.55)
18	3/8"	DM80172*1806	52.07 (2.05)	22.35 (0.88)	35.05 (1.38)	26.16 (1.03)	0.24 (0.52)
20	1/2"	DM80172*2008	73.15 (2.88)	25.40 (1.00)	37.08 (1.46)	33.02 (1.30)	0.38 (0.84)
22	1/2"	DM80172*2208	73.15 (2.88)	25.40 (1.00)	38.10 (1.50)	33.02 (1.30)	0.57 (1.25)
25	3/4"	DM80172*2512	76.92 (3.03)	28.70 (1.13)	41.91 (1.65)	40.13 (1.58)	0.75 (1.60)
28	3/4"	DM80172*2812	76.92 (3.03)	28.70 (1.13)	44.45 (1.75)	40.13 (1.58)	0.71 (1.57)
30	1"	DM80172*3016	85.60 (3.37)	38.10 (1.50)	46.99 (1.85)	50.04 (1.97)	1.22 (2.70)
35	1"	DM80172*3516	85.60 (3.37)	38.10 (1.50)	50.80 (2.00)	50.04 (1.97)	1.27 (2.80)
38	1-1/4"	DM80172*3820	107.95 (4.25)	41.40 (1.63)	54.61 (2.15)	63.50 (2.50)	2.51 (5.53)
42	1-1/4"	DM20172*20	107.95 (4.25)	44.45 (1.75)	60.45 (2.38)	63.50 (2.50)	2.67 (5.89)
50	1-1/2"	DM80172*5024	115.32 (4.54)	44.45 (1.75)	63.50 (2.50)	71.37 (2.81)	3.13 (6.90)
**60K	2"	DM20172K32	138.43 (5.45)	60.45 (2.38)	88.90 (3.50)	82.55 (3.25)	4.75 (10.48)
60G	2"	DM80172G6032	138.43 (5.45)	60.45 (2.38)	88.90 (3.50)	82.55 (3.25)	4.75 (10.48)

**2" DM 20 Series Stainless Steel fittings are also used for 60mm Stainless Steel applications.

Standard Fitting DP 40 Series - NPS Low Pressure

2-1/2" to 4"



Low Pressure Coupling
DP40N100
Page F3



Low Pressure 90° Elbow
DP40N300
Page F3



Low Pressure 45° Elbow
DP40N017
Page F4



Low Pressure Tee
DP40N400
Page F4



Low Pressure Reducing Tee
DP40N104
Page F5



Low Pressure Reducer
DP40N101
Page F5



Low Pressure End Cap
DP40N085
Page F6



Low Pressure Flange - 150#
DP40N018
Page F6



Low Pressure SAE Code 61 Flange
DP40N091
Page F7



Low Pressure SAE Code 61 Tapped Flange
DP40N095
Page F7

PYPLOK

FLANGES

PIPES & TUBES

CLAMPS

VALVES

BITE TYPE FITTINGS

HP HOSES

QUICK COUPL.

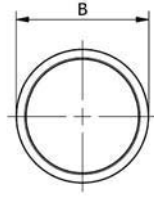
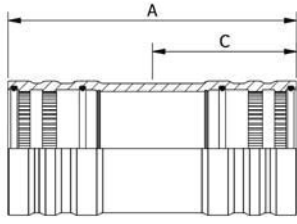
TEST POINTS

ADAPTORS

MACHINES

OTHER PRODUCTS

DP 40 Series – NPS Low Pressure

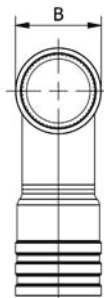
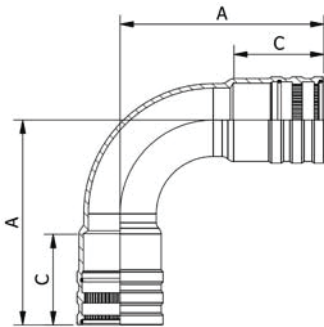


***MATERIAL CODE:**
 K = STAINLESS STEEL
 G = CARBON STEEL
 B = COPPER NICKEL 70/30

ORDER EXAMPLE:
 DP40N100G40

Low Pressure Coupling, NPS - DP40N100

Size NPS	Part Number	Dimensions - Inch (mm)			*Weight K & G lbs (kg)
		A	B	C Insertion Depth	
2-1/2"	DP40N100*40	7.50 (190.50)	3.45 (87.63)	3.75 (95.25)	4.38 (1.99)
3"	DP40N100*48	8.70 (220.98)	4.14 (105.16)	4.35 (110.49)	6.68 (3.03)
4"	DP40N100*64	13.50 (342.90)	5.32 (135.13)	6.75 (171.45)	18.63 (8.45)



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

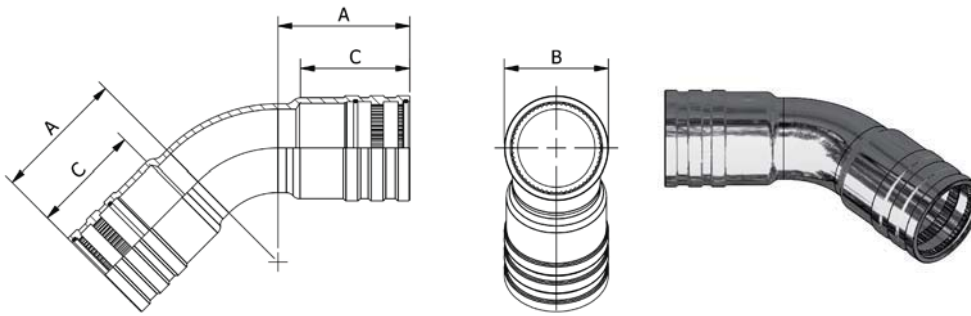
ORDER EXAMPLE:
 DP40N300G40

Low Pressure 90° Elbow, NPS - DP40N300

Size NPS	Part Number	Dimensions - Inch (mm)			*Weight K & G lbs (kg)
		A	B	C Insertion Depth	
2-1/2"	DP40N300*40	8.53 (216.66)	3.45 (87.63)	3.75 (95.25)	8.35 (3.79)
3"	DP40N300*48	9.71 (246.63)	4.14 (105.16)	4.35 (110.49)	12.57 (5.70)
4"	DP40N300*64	14.13 (358.90)	5.32 (135.13)	6.75 (171.45)	30.60 (13.88)

PYLOK® DP 40 Series shapes such as Tees, Elbows and ANSI Flanged Ends are made as welded assemblies using ASME B16.9 SCH.40 Butt Weld Fittings.

DP 40 Series – NPS Low Pressure



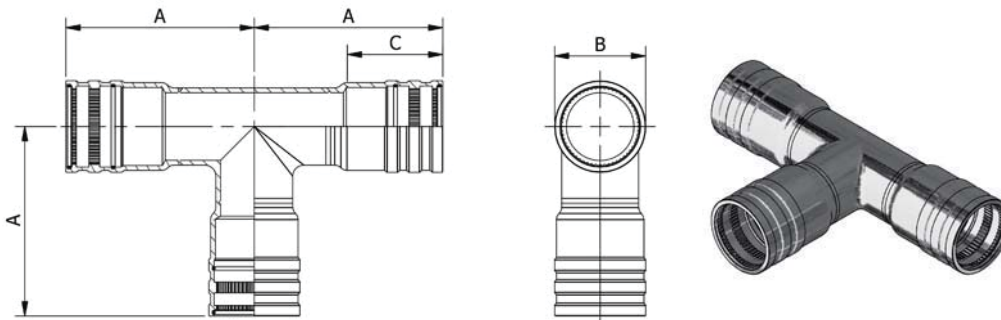
***MATERIAL CODE:**
 K = STAINLESS STEEL
 G = CARBON STEEL
 B = COPPER NICKEL 70/30

ORDER EXAMPLE:
 DP40N017G40

Low Pressure 45° Elbow, NPS - DP40N017

Size NPS	Part Number	Dimensions - Inch (mm)			*Weight K & G lbs (kg)
		A	B	C Insertion Depth	
2-1/2"	DP40N017*40	6.53 (165.86)	3.45 (87.63)	3.75 (95.25)	2.71 (1.23)
3"	DP40N017*48	7.20 (182.88)	4.14 (105.16)	4.35 (110.49)	10.10 (4.58)
4"	DP40N017*64	10.61 (269.49)	5.32 (135.13)	6.75 (171.45)	26.28 (11.92)

PYPLOK® DP 40 Series shapes such as Tees, Elbows and ANSI Flanged Ends are made as welded assemblies using ASME B16.9 SCH.40 Butt Weld Fittings.



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

ORDER EXAMPLE:
 DP40N400G40

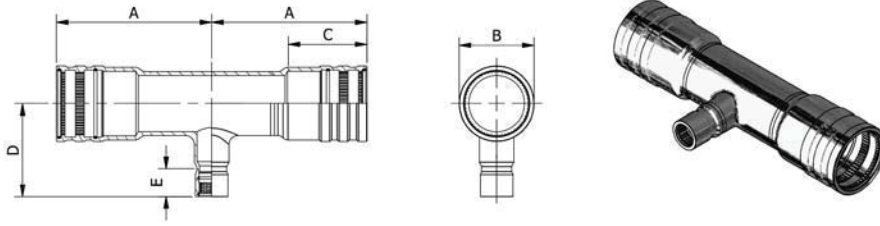
Low Pressure Tee, NPS - DP40N400

Size NPS	Part Number	Dimensions - Inch (mm)			*Weight K & G lbs (kg)
		A	B	C Insertion Depth	
2-1/2"	DP40N400*40	7.78 (197.61)	3.45 (87.63)	3.75 (95.25)	12.80 (5.81)
3"	DP40N400*48	8.58 (217.93)	4.14 (105.16)	4.35 (110.49)	18.10 (8.21)
4"	DP40N400*64	12.25 (311.15)	5.32 (135.13)	6.75 (171.45)	42.12 (19.11)

PYPLOK® DP 40 Series shapes such as Tees, Elbows and ANSI Flanged Ends are made as welded assemblies using ASME B16.9 SCH.40 Butt Weld Fittings.

3D step models available upon request

DP 40 Series – NPS Low Pressure



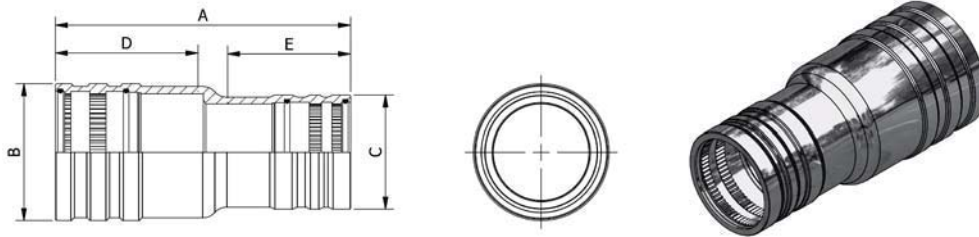
***MATERIAL CODE:**
 K = STAINLESS STEEL
 G = CARBON STEEL
 B = COPPER NICKEL 70/30

ORDER EXAMPLE:
 DP40N104G4032

Low Pressure Reducing Tee, NPS - DP40N104

Port 1 Size NPS	Port 2 Size NPS	Part Number	Dimensions - Inch (mm)					*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	E Insertion Depth	
2-1/2"	2"	DP40N104*4032	7.78 (197.61)	3.45 (87.63)	3.75 (95.25)	7.48 (189.99)	3.50 (88.90)	11.65 (5.28)
3"	2"	DP40N104*4832	8.58 (217.93)	4.14 (105.16)	4.35 (110.49)	7.76 (197.10)	3.50 (88.90)	15.57 (7.06)
3"	2-1/2"	DP40N104*4840	8.58 (217.93)	4.14 (105.16)	4.35 (110.49)	8.03 (203.96)	3.75 (95.25)	15.72 (7.13)
4"	3"	DP40N104*6448	12.25 (311.15)	5.32 (135.13)	6.75 (171.45)	9.09 (230.89)	4.35 (110.49)	34.60 (15.69)

PYPLOK® DP 40 Series shapes such Tees, Elbows and ANSI Flanged Ends are made as welded assemblies using ASME B16.9 SCH.40 Butt Weld Fittings.



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

ORDER EXAMPLE:
 DP40N101G4024

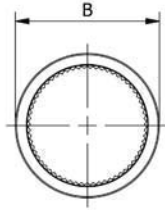
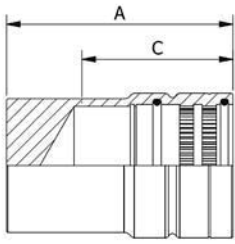
Other configurations available.
 Contact factory for details.

Low Pressure Reducer, NPS - DP40N101

End 1 Size NPS	End 2 Size NPS	Part Number	Dimensions - mm (Inch)					*Weight K & G lbs (kg)
			A	B	C	D Insertion Depth	E Insertion Depth	
2-1/2"	1-1/2"	DP40N101*4024	8.00 (203.20)	3.45 (87.63)	2.58 (65.53)	3.75 (95.25)	2.50 (63.50)	5.50 (2.49)
2-1/2"	2"	DP40N101*4032	8.25 (209.55)	3.45 (87.63)	3.04 (77.22)	3.75 (95.25)	3.50 (88.90)	5.42 (2.46)
3"	2"	DP40N101*4832	9.00 (228.60)	4.14 (105.16)	3.04 (77.22)	4.35 (110.49)	3.50 (88.90)	7.21 (3.27)
3"	2-1/2"	DP40N101*4840	9.00 (228.60)	4.14 (105.16)	3.45 (87.63)	4.35 (110.49)	3.75 (95.25)	6.48 (2.94)
4"	3"	DP40N101*6448	13.00 (330.20)	5.35 (135.13)	4.14 (105.16)	6.75 (171.45)	4.35 (110.49)	16.10 (7.30)

3D step models available upon request

DP 40 Series – NPS Low Pressure

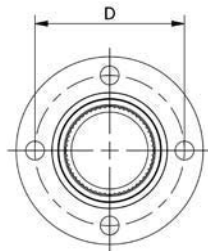
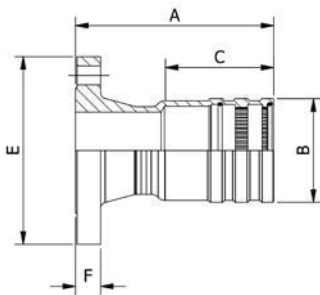


*MATERIAL CODE:
 K = STAINLESS STEEL
 G = CARBON STEEL
 B = COPPER NICKEL 70/30

ORDER EXAMPLE:
 DP40N085G40

Low Pressure End Cap, NPS - DP40N085

Size NPS	Part Number	Dimensions - Inch (mm)			*Weight K & G lbs (kg)
		A	B	C Insertion Depth	
2-1/2"	DP40N085*40	4.50 (114.30)	3.45 (87.63)	3.75 (95.25)	3.66 (1.66)
3"	DP40N085*48	5.10 (129.54)	4.14 (105.16)	4.35 (110.49)	5.49 (2.49)
4"	DP40N085*64	7.50 (190.50)	5.32 (135.13)	6.75 (171.45)	12.57 (5.70)



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

ORDER EXAMPLE:
 DP40N018G40

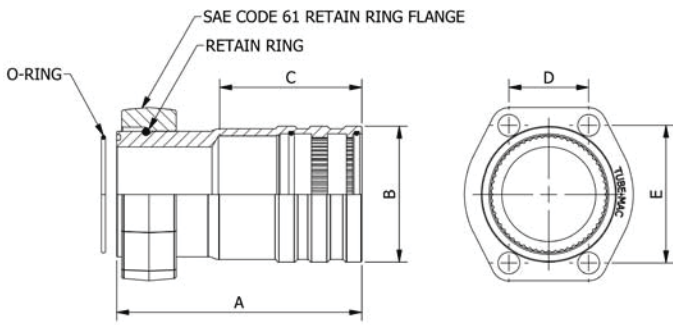
Low Pressure Flange – ANSI 150#, NPS - DP40N018

Size NPS	Flange Size	Part Number	Dimensions - mm (Inch)						Bolt Size	*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	E	F		
2-1/2"	2-1/2"	DP40N018*40	7.53 (191.26)	3.45 (87.63)	3.75 (95.25)	5.50 (139.70)	7.00 (177.80)	0.94 (23.88)	5/8" UNC	12.73 (5.77)
3"	3"	DP40N018*48	7.96 (202.18)	4.14 (105.16)	4.35 (110.49)	6.00 (152.40)	7.50 (190.50)	0.94 (23.88)	5/8" UNC	19.26 (8.74)
4"	4"	DP40N018*64	11.10 (281.94)	5.32 (135.13)	6.75 (171.45)	7.50 (190.50)	9.00 (228.60)	1.19 (30.23)	5/8" UNC	27.33 (12.40)

PYPLOK® DP 40 Series shapes such Tees, Elbows and ANSI Flanged Ends are made as welded assemblies using ASME B16.9 SCH.40 Butt Weld Fittings.

3D step models available upon request

DP 40 Series – NPS Low Pressure

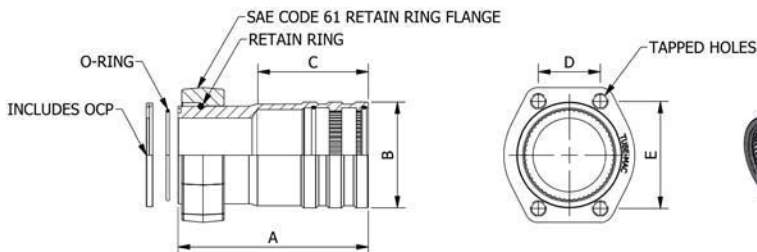


*MATERIAL CODE:
 K = STAINLESS STEEL
 G = CARBON STEEL
 B = COPPER NICKEL 70/30

ORDER EXAMPLE:
 DP40N090G40

Low Pressure SAE Code 61 Flange, NPS - DP40N090

Size NPS	Flange Size	Part Number	Dimensions - Inch (mm)					Bolt Minimum Grade 8	*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	E		
2-1/2"	2-1/2"	DP40N090*40	7.00 (177.80)	3.45 (87.63)	3.75 (95.25)	2.00 (50.80)	3.49 (88.65)	1/2" UNC	8.41 (3.81)
3"	3"	DP40N090*48	7.50 (190.50)	4.14 (105.16)	4.35 (110.49)	2.44 (61.98)	4.19 (106.43)	5/8" UNC	12.40 (5.62)
4"	4"	DP40N090*64	11.00 (279.40)	5.32 (135.13)	6.75 (171.45)	3.06 (77.72)	5.13 (130.30)	5/8" UNC	22.65 (10.27)



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

ORDER EXAMPLE:
 DP40N095G40

Low Pressure SAE Code 61 Tapped Flange, NPS - DP40N095

Size NPS	Flange Size	Part Number	Dimensions - Inch (mm)					Tap UNC-2B	*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	E		
2-1/2"	2-1/2"	DP40N095*40	7.00 (177.80)	3.45 (87.63)	3.75 (95.25)	2.00 (50.80)	3.49 (88.65)	1/2"-13	8.41 (3.81)
3"	3"	DP40N095*48	7.50 (190.50)	4.14 (105.16)	4.35 (110.49)	2.44 (61.98)	4.19 (106.43)	5/8"-11	12.40 (5.62)
4"	4"	DP40N095*64	11.00 (279.40)	5.32 (135.13)	6.75 (171.45)	3.06 (77.72)	5.13 (130.30)	5/8"-11	22.65 (10.27)

3D step models available upon request

Standard Fitting DP 04 Series - Metric Pipe CuNi

44mm to 57mm



Coupling
DP04M100
Page G3



90° Elbow
DP04M300
Page G3



45° Elbow
DP04M017
Page G4



Tee
DP04M400
Page G4



End Cap
DP04M085
Page G5



**Flange - ANSI
#150**
DP04M018
Page G5

PYPLOK

FLANGES

PIPES & TUBES

CLAMPS

VALVES

BITE TYPE FITTINGS

HP HOSES

QUICK COUPL.

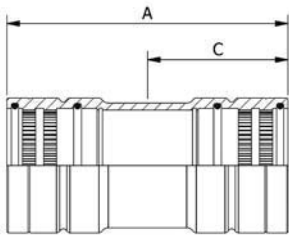
TEST POINTS

ADAPTORS

MACHINES

OTHER PRODUCTS

DP 04 Series - Metric Pipe CuNi

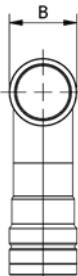
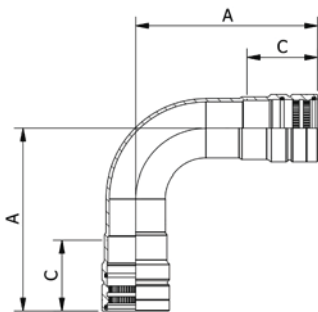


*MATERIAL CODE:
B = COPPER NICKEL 70/30

ORDER EXAMPLE:
DP04M100B44

Coupling, Metric - DP04M100

Size OD (mm)	Part Number	Dimensions - mm (Inch)			*Weight B kg (lbs)
		A	B	C Insertion Depth	
44.5	DP04M100B44	115.01 (4.53)	54.89 (2.16)	57.50 (2.26)	0.59 (1.31)
57	DP04M100B57	125.00 (4.92)	66.80 (2.63)	62.48 (2.46)	0.69 (1.52)
44.5	DP04M100B44	115.01 (4.53)	54.89 (2.16)	57.50 (2.26)	0.59 (1.31)
57	DP04M100B57	125.00 (4.92)	66.80 (2.63)	62.48 (2.46)	0.69 (1.52)



*MATERIAL CODE:
B = COPPER NICKEL 70/30

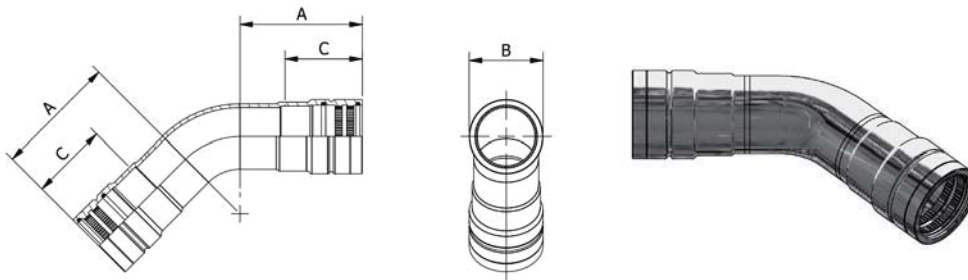
ORDER EXAMPLE:
DP04M300B44

90° Elbow, Metric - DP04M300

Size OD (mm)	Part Number	Dimensions - mm (Inch)			*Weight B kg (lbs)
		A	B	C Insertion Depth	
44.5	DP04M300B44	148.11 (5.83)	54.89 (2.16)	57.50 (2.26)	1.02 (2.24)
57	DP04M300B57	177.04 (6.97)	66.80 (2.63)	62.48 (2.46)	1.92 (4.23)

PYPLOK® DP 04 Series shapes such Tees, Elbows and ANSI Flanged Ends are made as welded assemblies using ASME B16.9 CL200 Butt Weld Fittings.

DP 04 Series - Metric Pipe CuNi



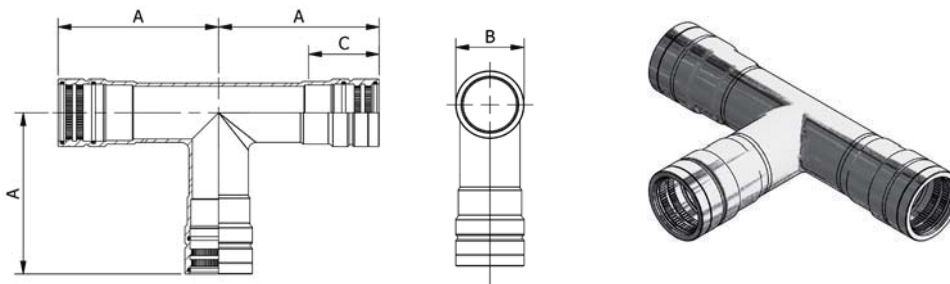
*MATERIAL CODE:
B = COPPER NICKEL 70/30

ORDER EXAMPLE:
DP04M017B44

45° Elbow, Metric - DP04M017

Size OD (mm)	Part Number	Dimensions - mm (Inch)			*Weight B kg (lbs)
		A	B	C Insertion Depth	
44.5	DP04M017B44	113.54 (4.47)	54.89 (2.16)	57.50 (2.26)	0.91 (2.01)
57	DP04M017B57	177.04 (6.97)	66.80 (2.63)	62.48 (2.46)	1.54 (3.40)

PYPLOK® DP 04 Series shapes such Tees, Elbows and ANSI Flanged Ends are made as welded assemblies using ASME B16.9 CL200 Butt Weld Fittings.



*MATERIAL CODE:
B = COPPER NICKEL 70/30

ORDER EXAMPLE:
DP04M400B44

Tee, Metric - DP04M400

Size OD (mm)	Part Number	Dimensions - mm (Inch)			*Weight B kg (lbs)
		A	B	C Insertion Depth	
44.5	DP04M400B44	130.56 (5.14)	54.89 (2.16)	57.50 (2.26)	1.39 (3.07)
57	DP04M400B57	146.05 (5.75)	66.80 (2.63)	62.48 (2.46)	2.39 (5.27)

PYPLOK® DP 04 Series shapes such Tees, Elbows and ANSI Flanged Ends are made as welded assemblies using ASME B16.9 CL200 Butt Weld Fittings.

3D step models available upon request

PYPLOK

FLANGES

PIPES & TUBES

CLAMPS

VALVES

BITE TYPE FITTINGS

HP HOSES

QUICK COUPL.

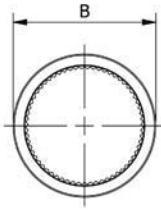
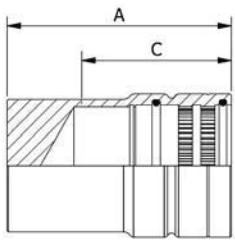
TEST POINTS

ADAPTORS

MACHINES

OTHER PRODUCTS

DP 04 Series - Metric Pipe CuNi

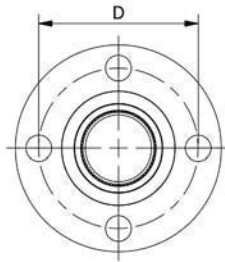
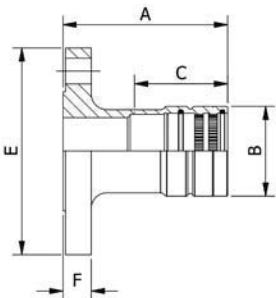


*MATERIAL CODE:
B = COPPER NICKEL 70/30

ORDER EXAMPLE:
DP04M085B44

End Cap, Metric - DP04M085

Size OD (mm)	Part Number	Dimensions - mm (Inch)			*Weight B kg (lbs)
		A	B	C Insertion Depth	
44.5	DP04M085B44	86.36 (3.40)	54.89 (2.16)	57.50 (2.26)	0.70 (1.55)
57	DP04M085B57	89.66 (3.53)	66.80 (2.63)	62.48 (2.46)	0.98 (2.16)



*MATERIAL CODE:
B = COPPER NICKEL 70/30

ORDER EXAMPLE:
DP04M118B44

Flange - ANSI #150, Metric - DP04M018

Size OD (mm)	Flange Size	Part Number	Dimensions - mm (Inch)					*Weight B kg (lbs)	
			A	B	C Insertion Depth	D	E		F
44.5	1-1/2"	DP04M018B44	104.78 (4.13)	54.89 (2.16)	57.50 (2.26)	98.55 (3.88)	127.00 (5.00)	17.53 (0.69)	1.98 (4.37)
57	2"	DP04M018B57	114.30 (4.50)	66.80 (2.63)	62.48 (2.46)	120.65 (4.75)	152.40 (6.00)	19.05 (0.75)	3.01 (6.63)

PYPLOK® DP 04 Series shapes such as Tees, Elbows and ANSI Flanged Ends are made as welded assemblies using ASME B16.9 CL200 Butt Weld Fittings.

3D step models available upon request