

DM 80 Series - Metric Tube

General Characteristics

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

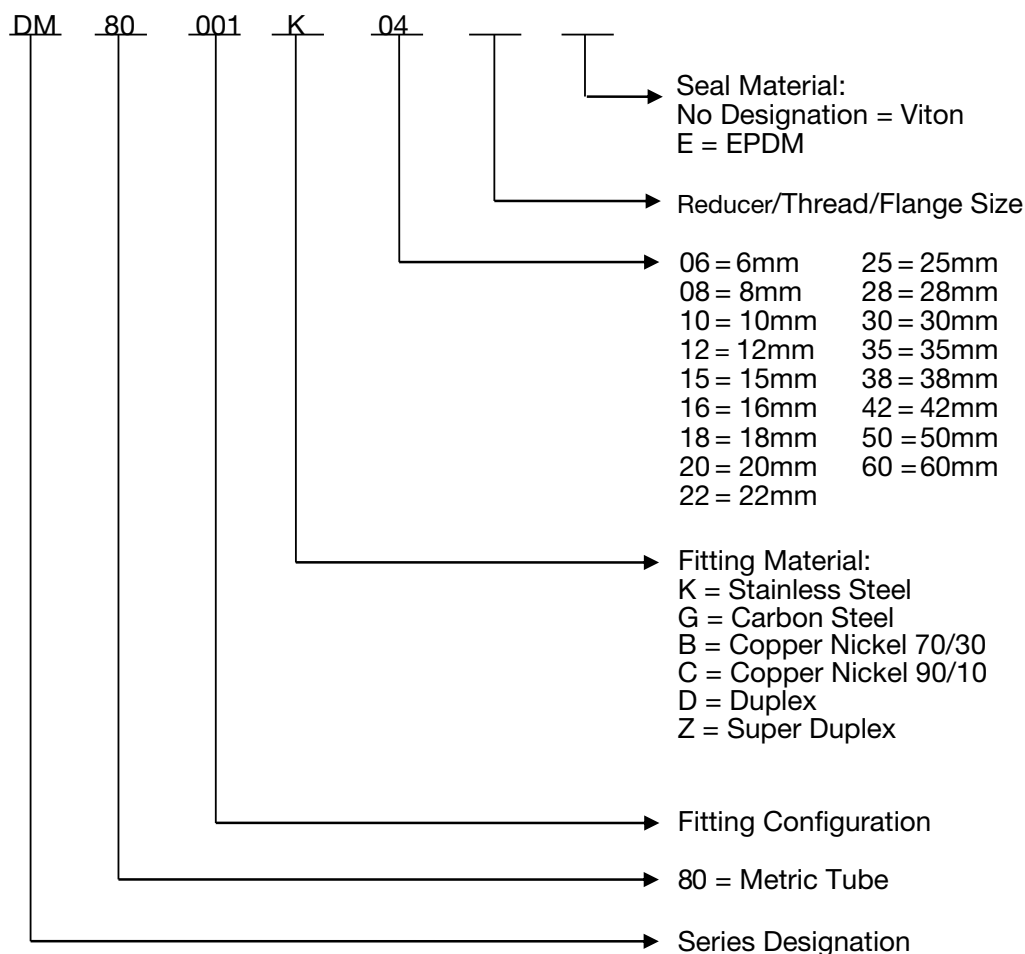
*60mm Carbon Steel PYPLOK® material specification is AISI/SAE-4140 unless otherwise noted.

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

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

Ordering Information

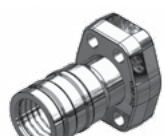


System design and safe application is the responsibility of the end-user. Consideration must be taken to confirm proper fitting selection is made to ensure proper compatibility, function and operation of the fitting within the piping system. The technical and performance information such as weights,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

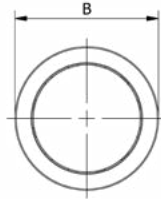
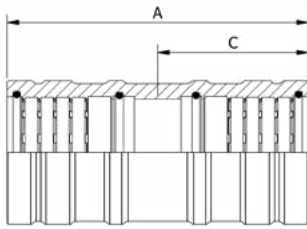
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Standard Fitting Configuration Guide

6mm to 60mm

					
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BSPP Male A/DM80153 Page E17	BSPP Female DM80086 Page E18	DIN 24° Male DM80066 Page E19	DIN 24° Female Swivel DM80068 Page E20	Weldable Bulkhead DM80089 Page E21	BSPP Female Branch Tee DM80172 Page E22
					
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K = STAINLESS STEEL
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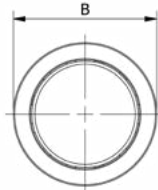
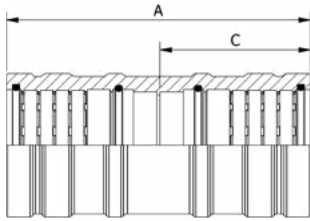
ORDER EXAMPLE:
DM80001G06

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.

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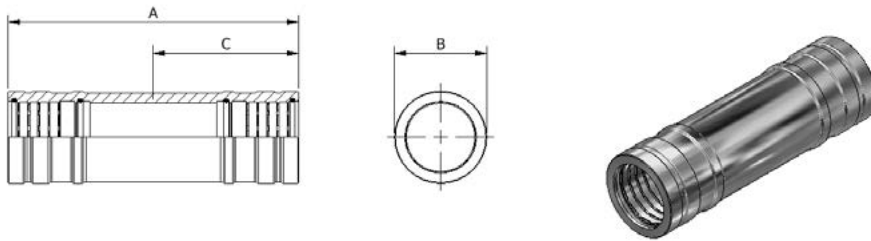
ORDER EXAMPLE:
DM80002G06

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)

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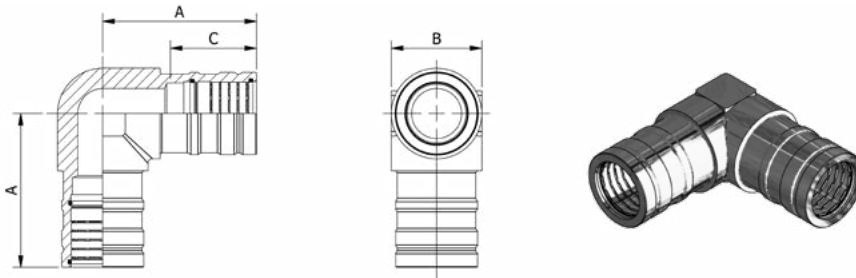
DM 80 Series - Metric Tube



Extra Long Coupling, Metric - DM80301

Size OD (mm)	Part Number	Dimensions - Inch (mm)			*Weight K & G lbs (kg)
		A	B	C Insertion Depth	
6	DM80301*06	66.00 (2.60)	38.86 (1.53)	16.51 (0.65)	0.02 (0.04)
8	DM80301*08	77.22 (3.04)	50.55 (1.99)	19.30 (0.76)	0.03 (0.06)
10	DM80301*10	96.60 (3.80)	54.61 (2.15)	24.13 (0.95)	0.05 (0.12)
12	DM80301*10	108.00 (4.26)	52.07 (2.05)	26.92 (1.06)	0.09 (0.20)
15	DM80301*15	128.02 (5.04)	57.40 (2.26)	32.00 (1.26)	0.20 (0.45)
16	DM80301*16	128.02 (5.04)	62.99 (2.48)	32.00 (1.26)	0.20 (0.45)
18	DM80301*18	139.70 (5.50)	60.45 (2.38)	35.05 (1.38)	0.20 (0.42)
20	DM80301*20	148.34 (5.82)	67.82 (2.67)	37.08 (1.46)	0.29 (0.65)
22	DM80301*22	152.40 (6.00)	68.58 (2.70)	38.10 (1.50)	0.31 (0.68)
25	DM80301*25	168.14 (6.62)	35.31 (1.39)	41.91 (1.65)	0.49 (1.07)
28	DM80301*28	177.80 (7.00)	37.59 (1.48)	44.45 (1.75)	0.51 (1.13)
30	DM80301*30	187.96 (7.40)	41.91 (1.65)	46.99 (1.85)	0.79 (1.75)
35	DM80301*35	152.40 (6.00)	46.23 (1.82)	50.80 (2.00)	0.65 (1.43)
38	DM80301*38	163.46 (6.44)	52.07 (2.05)	54.61 (2.15)	1.10 (2.43)
42	DM80301*42	180.98 (7.13)	57.40 (2.25)	60.45 (2.38)	1.40 (3.08)
50	DM80301*50	190.5 (7.50)	65.53 (2.58)	63.50 (2.50)	1.74 (3.83)
**60K	DM20301K32	266.70 (10.50)	77.22 (3.04)	88.90 (3.50)	3.54 (7.81)
60G	DM80301G60	266.70 (10.50)	77.22 (3.04)	88.90 (3.50)	3.06 (6.76)

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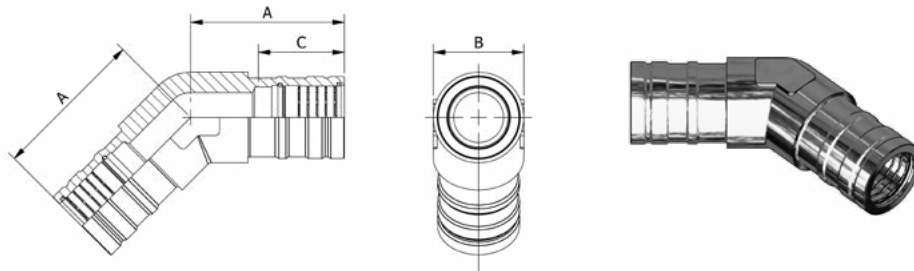
ORDER EXAMPLE:
DM80003G06

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	DM80003G60	138.43 (5.45)	82.55 (3.25)	88.90 (3.50)	4.40 (9.70)

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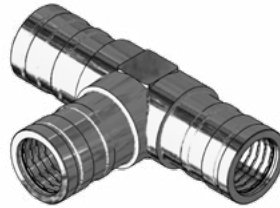
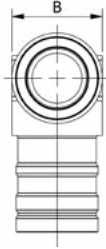
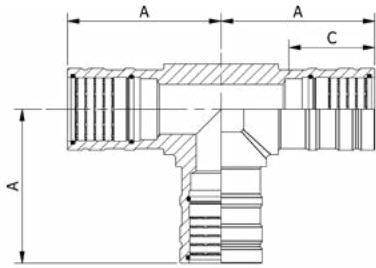
ORDER EXAMPLE:
DM80017G06

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.

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ORDER EXAMPLE:

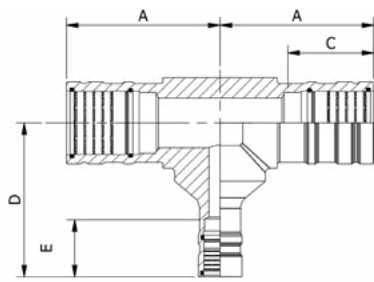
DM80004G06

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)

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ORDER EXAMPLE:
DM80104G0806

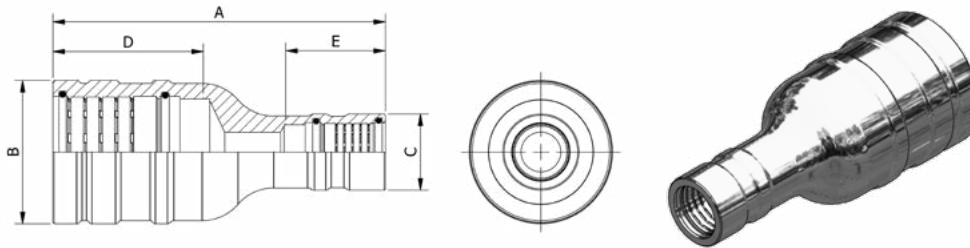
OTHER CONFIGURATIONS AVAILABLE.
CONTACT FACTORY FOR DETAILS.

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

DM 80 Series - Metric Tube



*MATERIAL CODE:

K = STAINLESS STEEL

G = CARBON STEEL

B = COPPER NICKEL 70/30

ORDER EXAMPLE:

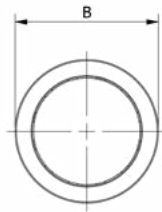
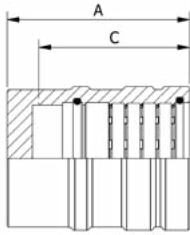
DM80101G0806

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)

DM 80 Series - Metric Tube



*MATERIAL CODE:

K = STAINLESS STEEL

G = CARBON STEEL

B = COPPER NICKEL 70/30

ORDER EXAMPLE:

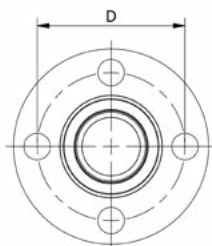
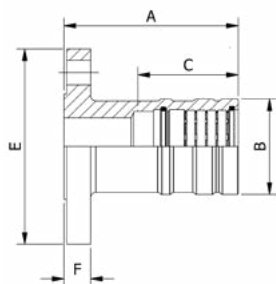
DM80085G06

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.

DM 80 Series - Metric Tube



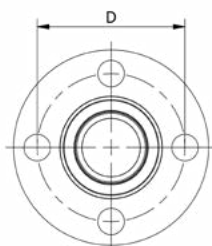
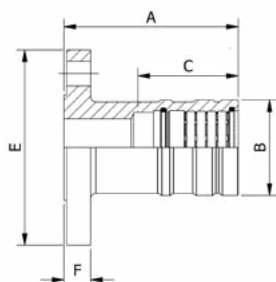
*MATERIAL CODE:
K = STAINLESS STEEL
G = CARBON STEEL
B = COPPER NICKEL 70/30

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

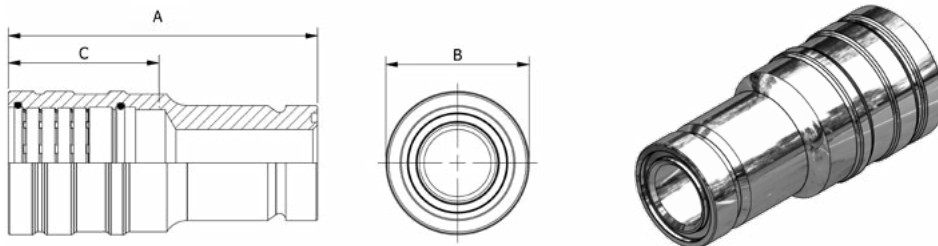
ORDER EXAMPLE:
DM80029G2015

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.

DM 80 Series - Metric Tube



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

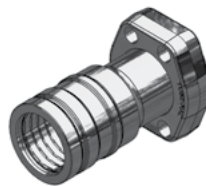
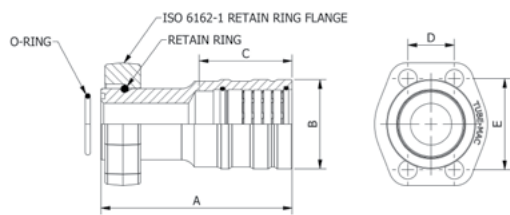
ORDER EXAMPLE:
DM80090G1608

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.

DM 80 Series - Metric Tube



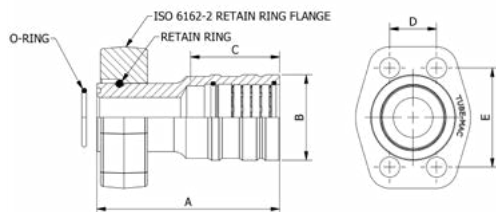
*MATERIAL CODE:
K = STAINLESS STEEL
G = CARBON STEEL
B = COPPER NICKEL 70/30

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

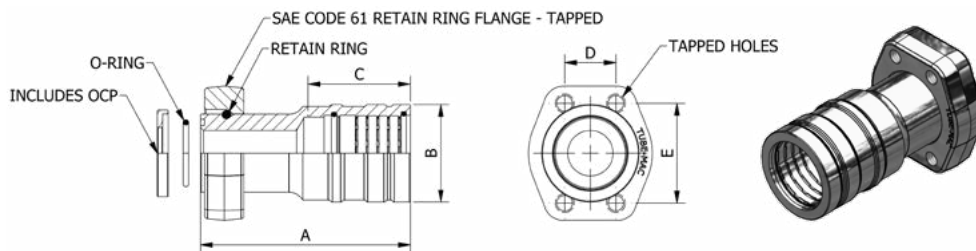
ORDER EXAMPLE:
DM80092G1608

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.

DM 80 Series - Metric Tube



*MATERIAL CODE:

K = STAINLESS STEEL

G = CARBON STEEL

B = COPPER NICKEL 70/30

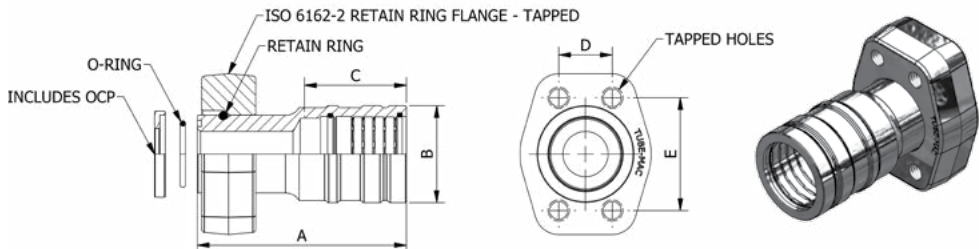
ORDER EXAMPLE:

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.



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ORDER EXAMPLE:

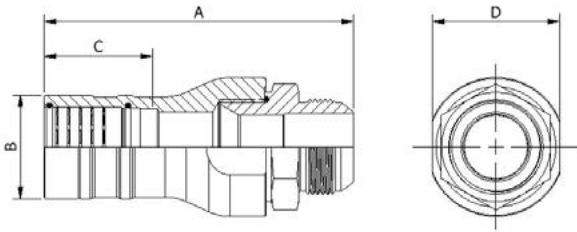
DM80096G1608

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)

3D STEP MODELS AVAILABLE UPON REQUEST

DM 80 Series - Metric Tube

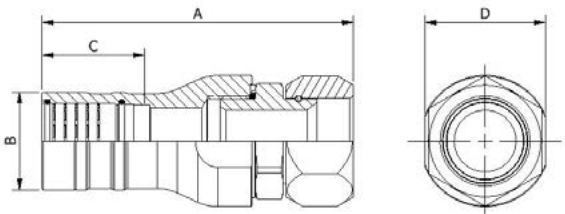


*MATERIAL CODE:
K = STAINLESS STEEL
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ORDER EXAMPLE:
DM80055G0604

JIC 37° Male, Metric - A-DM80055 (Assembly - Comprises DM80086 & DM60161)

Size OD (mm)	JIC Size	Part Number	Dimensions - mm (Inch)				*Weight K & G kg (lbs)
			A	B	C Insertion Depth	D	
6	04	A-DM80055*0604	61.80 (2.43)	9.90 (0.39)	16.51 (0.65)	20.00 (0.79)	0.07 (0.16)
8	04	A-DM80055*0804	64.20 (2.53)	12.30 (0.48)	19.30 (0.76)	20.00 (0.79)	0.08 (0.17)
10	06	A-DM80055*1006	70.20 (2.76)	15.10 (0.59)	24.13 (0.95)	24.00 (0.95)	0.11 (0.25)
12	08	A-DM80055*1208	82.70 (3.26)	18.60 (0.73)	26.92 (1.06)	30.00 (1.81)	0.22 (0.48)
16	10	A-DM80055*1610	88.80 (3.50)	23.70 (0.93)	32.00 (1.26)	30.00 (1.81)	0.24 (0.54)
20	12	A-DM80055*2012	109.40 (4.31)	28.8 (1.13)	37.08 (1.46)	32.00 (1.26)	0.39 (0.85)
25	16	A-DM80055*2516	118.70 (4.67)	35.30 (1.39)	41.91 (1.65)	42.00 (1.65)	0.67 (1.47)
30	16	A-DM80055*3016	134.50 (5.30)	41.80 (1.65)	46.99 (1.85)	42.00 (1.65)	0.85 (1.87)
38	20	A-DM80055*3820	153.50 (6.05)	52.10 (2.05)	54.50 (2.15)	50.00 (1.97)	1.42 (3.14)
42	20	A-DM20055*20	138.00 (5.43)	57.50 (2.26)	60.30 (2.38)	63.50 (2.50)	1.36 (3.00)
50	24	A-DM80055*5024	158.4 (6.24)	65.40 (2.58)	63.50 (2.50)	64.00 (2.52)	1.90 (4.19)



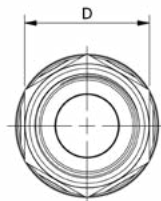
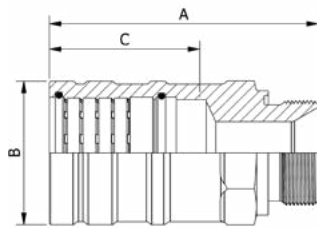
*MATERIAL CODE:
K = STAINLESS STEEL
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B = COPPER NICKEL 70/30

ORDER EXAMPLE:
DM80054G0604

JIC 37° Female Swivel, Metric - A-DM80054 (Assembly - Comprises DM80086 & DM80158)

Size OD (mm)	JIC Size	Part Number	Dimensions - mm (Inch)				*Weight K & G kg (lbs)
			A	B	C Insertion Depth	D	
6	04	A-DM80054*0604	66.10 (2.60)	9.90 (0.39)	16.51 (0.65)	20.00 (0.79)	0.08 (0.18)
8	04	A-DM80054*0804	68.60 (2.70)	12.30 (0.48)	19.30 (0.76)	20.00 (0.79)	0.09 (0.20)
10	06	A-DM80054*1006	76.50 (3.01)	15.10 (0.59)	24.13 (0.95)	24.00 (0.95)	0.13 (0.28)
12	08	A-DM80054*1208	86.80 (3.42)	18.60 (0.73)	26.92 (1.06)	30.00 (1.81)	0.22 (0.48)
16	10	A-DM80054*1610	95.70 (3.77)	23.70 (0.93)	32.00 (1.26)	30.00 (1.81)	0.28 (0.61)
20	12	A-DM80054*2012	113.40 (4.47)	28.8 (1.13)	37.08 (1.46)	32.00 (1.26)	0.44 (0.96)
25	16	A-DM80054*2516	126.30 (4.97)	35.30 (1.39)	41.91 (1.65)	42.00 (1.65)	0.73 (1.62)
30	16	A-DM80054*3016	142.10 (5.60)	41.80 (1.65)	46.70 (1.85)	42.00 (1.65)	0.93 (2.04)
38	20	A-DM80054*3820	159.30 (6.27)	52.10 (2.05)	54.50 (2.15)	50.00 (1.968)	1.57 (3.46)
42	24	A-DM20054*20	147.90 (5.82)	57.50 (2.26)	60.30 (2.38)	57.20 (2.25)	1.49 (3.29)
50	24	A-DM80054*5024	168.30 (6.63)	65.40 (2.58)	63.50 (2.50)	64.00 (2.52)	2.21 (4.88)

DM 80 Series - Metric Tube



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

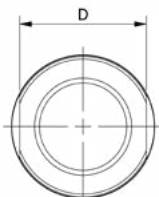
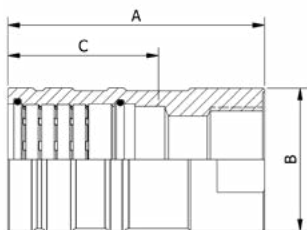
ORDER EXAMPLE:
DM80153G0604

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.

DM 80 Series - Metric Tube



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

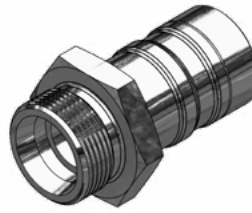
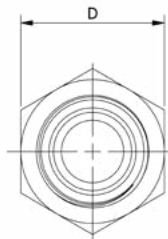
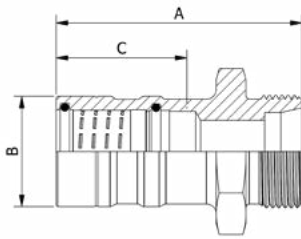
ORDER EXAMPLE:
DM80086G0604

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)	0.05 (0.10)
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 (0.14)
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.

DM 80 Series - Metric Tube



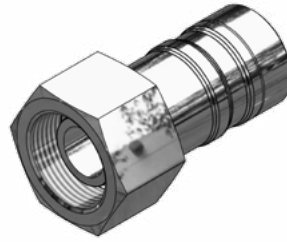
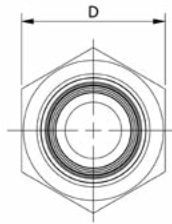
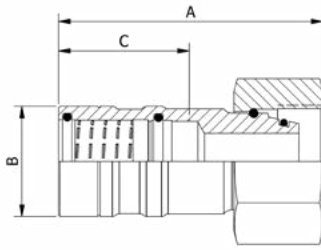
*MATERIAL CODE:
K = STAINLESS STEEL
G = CARBON STEEL
B = COPPER NICKEL 70/30

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)

DM 80 Series - Metric Tube



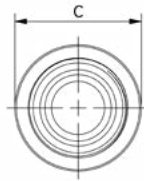
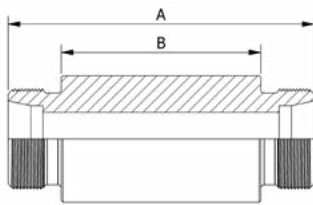
*MATERIAL CODE:
K = STAINLESS STEEL
G = CARBON STEEL
B = COPPER NICKEL 70/30

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 - M12 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)

DM 80 Series - Metric Tube



*MATERIAL CODE:

K = STAINLESS STEEL

G = CARBON STEEL

B = COPPER NICKEL 70/30

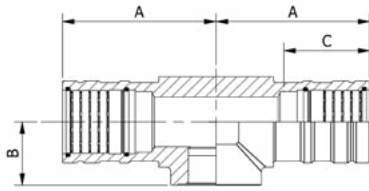
ORDER EXAMPLE:

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)

DM 80 Series - Metric Tube



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

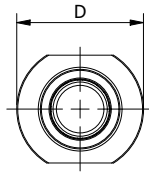
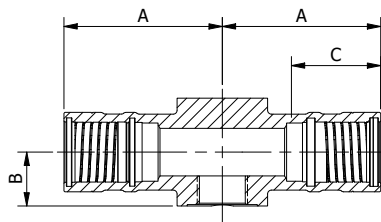
ORDER EXAMPLE:
DM80172G1004

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.

DM 80 Series - Metric Tube



*MATERIAL CODE:
K = STAINLESS STEEL

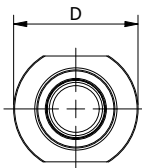
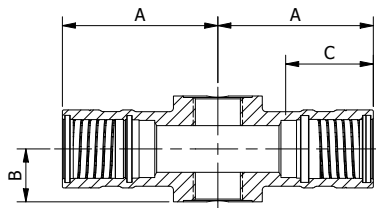
ORDER EXAMPLE:
DM80211K2004

BSPF Female Branch Tee, Metric - DM80211

Size OD (mm)	BSPF Size	Part Number	Dimensions - mm (Inch)				Weight K kg (lbs)
			A	B	C Insertion Depth	D	
20	1/4"	DM80211K2004	63.50 (2.50)	20.02 (0.79)	37.08 (1.46)	44.45 (1.75)	0.46 (1.02)
20	3/8"	DM80211K2006	50.80 (2.20)	20.02 (0.79)	37.08 (1.46)	47.63 (1.88)	0.52 (1.14)
22	1/4"	DM80211K2204	63.50 (2.50)	20.02 (0.79)	38.10 (1.50)	44.45 (1.75)	0.46 (1.02)
22	3/8"	DM80211K2206	65.08 (2.56)	20.02 (0.79)	38.10 (1.50)	47.63 (1.88)	0.53 (1.16)
25	1/4"	DM80211K2504	63.50 (2.50)	20.02 (0.79)	41.91 (1.65)	44.45 (1.75)	0.55 (1.22)
25	3/8"	DM80211K2506	65.08 (2.56)	20.02 (0.79)	41.91 (1.65)	47.63 (1.88)	0.62 (1.36)
25	1/2"	DM80211K2508	66.68 (2.63)	23.01 (0.91)	41.91 (1.65)	53.98 (2.13)	0.76 (1.67)
28	1/4"	DM80211K2804	66.68 (2.63)	20.02 (0.79)	44.45 (1.75)	44.45 (1.75)	0.58 (1.27)
28	3/8"	DM80211K2806	68.25 (2.69)	21.08 (0.83)	44.45 (1.75)	47.63 (1.88)	0.63 (1.38)
28	1/2"	DM80211K2808	69.85 (2.75)	23.01 (0.91)	44.45 (1.75)	53.98 (2.13)	0.75 (1.66)
30	1/4"	DM80211K3004	71.44 (2.81)	21.44 (0.84)	46.99 (1.85)	47.63 (1.88)	0.78 (1.72)
30	3/8"	DM80211K3006	73.02 (2.88)	21.08 (0.83)	46.99 (1.85)	47.63 (1.88)	0.80 (1.77)
30	1/2"	DM80211K3008	74.63 (2.94)	23.01 (0.91)	46.99 (1.85)	53.98 (2.13)	0.93 (2.05)
35	1/4"	DM80211K3504	72.24 (2.84)	25.40 (1.00)	50.80 (2.00)	53.98 (2.13)	0.85 (1.87)
35	3/8"	DM80211K3506	73.81 (2.91)	24.61 (0.97)	50.80 (2.00)	53.98 (2.13)	0.88 (1.94)
35	1/2"	DM80211K3508	75.41 (2.97)	24.61 (0.97)	50.80 (2.00)	57.15 (2.25)	0.97 (2.13)
38	1/4"	DM80211K3804	80.98 (3.19)	26.19 (1.03)	54.61 (2.15)	57.15 (2.25)	1.32 (2.92)
38	3/8"	DM80211K3806	82.55 (3.25)	26.19 (1.03)	54.61 (2.15)	57.15 (2.25)	1.36 (3.00)
38	1/2"	DM80211K3808	84.15 (3.31)	27.79 (1.09)	54.61 (2.15)	63.50 (2.50)	1.52 (3.35)
42	3/8"	DM20211K2006	82.55 (3.25)	29.36 (1.16)	60.45 (2.38)	63.50 (2.50)	1.53 (3.38)
42	1/2"	DM20211K2008	84.15 (3.31)	28.58 (1.13)	60.45 (2.38)	63.50 (2.50)	1.56 (3.43)
60	3/8"	DM20211K3206	107.95 (4.25)	38.10 (1.50)	88.90 (3.50)	81.28 (3.20)	2.88 (6.35)
60	1/2"	DM20211K3208	139.47 (4.31)	38.10 (1.50)	88.90 (3.50)	81.28 (3.20)	2.95 (6.50)

Note: Only available in Stainless Steel.

DM 80 Series - Metric Tube



*MATERIAL CODE:
K = STAINLESS STEEL

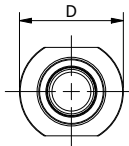
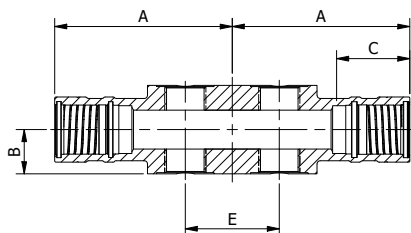
ORDER EXAMPLE:
DM80221K2004

BSPP (2) Port Female Branch Cross, Metric - DM80221

Size OD (mm)	BSPP Size	Part Number	Dimensions - mm (Inch)				Weight K kg (lbs)
			A	B	C Insertion Depth	D	
20	1/4"	DM80221K2004	63.50 (2.50)	20.02 (0.79)	37.08 (1.46)	44.45 (1.75)	0.45 (1.00)
20	3/8"	DM80221K2006	50.80 (2.20)	20.02 (0.79)	37.08 (1.46)	47.63 (1.88)	0.51 (1.12)
22	1/4"	DM80221K2204	63.50 (2.50)	20.02 (0.79)	38.10 (1.50)	44.45 (1.75)	0.45 (1.00)
22	3/8"	DM80221K2206	65.08 (2.56)	20.02 (0.79)	38.10 (1.50)	47.63 (1.88)	0.51 (1.12)
25	1/4"	DM80221K2504	63.50 (2.50)	20.02 (0.79)	41.91 (1.65)	44.45 (1.75)	0.54 (1.20)
25	3/8"	DM80221K2506	65.08 (2.56)	20.02 (0.79)	41.91 (1.65)	47.63 (1.88)	0.60 (1.32)
25	1/2"	DM80221K2508	66.68 (2.63)	23.01 (0.91)	41.91 (1.65)	53.98 (2.13)	0.72 (1.59)
28	1/4"	DM80221K2804	66.68 (2.63)	20.02 (0.79)	44.45 (1.75)	44.45 (1.75)	0.59 (1.29)
28	3/8"	DM80221K2806	68.25 (2.69)	21.08 (0.83)	44.45 (1.75)	47.63 (1.88)	0.61 (1.34)
28	1/2"	DM80221K2808	69.85 (2.75)	23.01 (0.91)	44.45 (1.75)	53.98 (2.13)	0.72 (1.59)
30	1/4"	DM80221K3004	71.44 (2.81)	21.44 (0.84)	46.99 (1.85)	47.63 (1.88)	0.77 (1.70)
30	3/8"	DM80221K3006	73.02 (2.88)	21.08 (0.83)	46.99 (1.85)	47.63 (1.88)	0.78 (1.73)
30	1/2"	DM80221K3008	74.63 (2.94)	23.01 (0.91)	46.99 (1.85)	53.98 (2.13)	0.90 (1.99)
35	1/4"	DM80221K3504	72.24 (2.84)	25.40 (1.00)	50.80 (2.00)	53.98 (2.13)	0.86 (1.89)
35	3/8"	DM80221K3506	73.81 (2.91)	24.61 (0.97)	50.80 (2.00)	53.98 (2.13)	0.87 (1.92)
35	1/2"	DM80221K3508	75.41 (2.97)	24.61 (0.97)	50.80 (2.00)	57.15 (2.25)	0.94 (2.07)
38	1/4"	DM80221K3804	80.98 (3.19)	26.19 (1.03)	54.61 (2.15)	57.15 (2.25)	1.31 (2.89)
38	3/8"	DM80221K3806	82.55 (3.25)	26.19 (1.03)	54.61 (2.15)	57.15 (2.25)	1.34 (2.96)
38	1/2"	DM80221K3808	84.15 (3.31)	27.79 (1.09)	54.61 (2.15)	63.50 (2.50)	1.49 (3.28)
42	3/8"	DM20221K2006	82.55 (3.25)	29.36 (1.16)	60.45 (2.38)	63.50 (2.50)	1.51 (3.33)
42	1/2"	DM20221K2008	84.15 (3.31)	28.58 (1.13)	60.45 (2.38)	63.50 (2.50)	1.54 (3.39)
60	3/8"	DM20221K3206	107.95 (4.25)	38.10 (1.50)	88.90 (3.50)	81.28 (3.20)	2.86 (6.30)
60	1/2"	DM20221K3208	139.47 (4.31)	38.10 (1.50)	88.90 (3.50)	81.28 (3.20)	2.92 (6.43)

Note: Only available in Stainless Steel.

DM 80 Series - Metric Tube



*MATERIAL CODE:
K = STAINLESS STEEL

ORDER EXAMPLE:
DM80241K2004

BSPP (4) Port Female Branch Cross, Metric - DM80241

Size OD (mm)	BSPP Size	Part Number	Dimensions - mm (Inch)					Weight K kg (lbs)
			A	B	C Insertion Depth	C	E	
20	1/4"	DM80241K2004	88.90 (3.50)	20.02 (0.79)	37.08 (1.46)	44.45 (1.75)	50.80 (2.00)	0.92 (2.02)
20	3/8"	DM80241K2006	92.08 (3.63)	20.02 (0.79)	37.08 (1.46)	47.63 (1.88)	53.97 (2.13)	1.13 (2.50)
22	1/4"	DM80241K2204	88.90 (3.50)	20.02 (0.79)	38.10 (1.50)	44.45 (1.75)	50.80 (2.00)	1.01 (2.24)
22	3/8"	DM80241K2206	92.08 (3.63)	20.02 (0.79)	38.10 (1.50)	47.63 (1.88)	53.97 (2.13)	1.06 (2.33)
25	1/4"	DM80241K2504	88.90 (3.50)	20.02 (0.79)	41.91 (1.65)	44.45 (1.75)	50.80 (2.00)	1.01 (2.24)
25	3/8"	DM80241K2506	92.08 (3.63)	20.02 (0.79)	41.91 (1.65)	47.63 (1.88)	53.97 (2.13)	1.15 (2.54)
25	1/2"	DM80241K2508	95.25 (3.75)	23.02 (0.91)	41.91 (1.65)	53.98 (2.13)	57.15 (2.25)	1.50 (3.30)
28	1/4"	DM80241K2804	92.08 (3.63)	20.02 (0.79)	44.45 (1.75)	44.45 (1.75)	50.80 (2.00)	1.04 (2.30)
28	3/8"	DM80241K2806	95.25 (3.75)	21.08 (0.83)	44.45 (1.75)	47.63 (1.88)	53.97 (2.13)	1.14 (2.51)
28	1/2"	DM80241K2808	98.43 (3.88)	23.01 (0.91)	44.45 (1.75)	53.98 (2.13)	57.15 (2.25)	1.46 (3.22)
30	1/4"	DM80241K3004	96.82 (3.81)	21.43 (0.84)	46.99 (1.85)	47.63 (1.88)	50.80 (2.00)	1.25 (2.75)
30	3/8"	DM80241K3006	100.02 (3.94)	21.08 (0.83)	46.99 (1.85)	47.63 (1.88)	53.97 (2.13)	1.28 (2.82)
30	1/2"	DM80241K3008	103.20 (4.06)	23.01 (0.91)	46.99 (1.85)	53.98 (2.13)	57.15 (2.25)	1.60 (3.52)
35	1/4"	DM80241K3504	97.64 (3.84)	25.40 (1.00)	50.80 (2.00)	53.98 (2.13)	50.80 (2.00)	1.48 (3.26)
35	3/8"	DM80241K3506	100.81 (3.97)	24.61 (0.97)	50.80 (2.00)	53.98 (2.13)	53.97 (2.13)	1.51 (3.34)
35	1/2"	DM80241K3508	103.99 (4.09)	24.61 (0.97)	50.80 (2.00)	57.15 (2.25)	57.15 (2.25)	1.69 (3.73)
38	1/4"	DM80241K3804	106.38 (4.19)	26.19 (1.03)	54.61 (2.15)	57.15 (2.25)	50.80 (2.00)	1.98 (4.37)
38	3/8"	DM80241K3806	109.55 (4.31)	26.19 (1.03)	54.61 (2.15)	57.15 (2.25)	53.97 (2.13)	2.06 (4.55)
38	1/2"	DM80241K3808	112.73 (4.44)	27.79 (1.09)	54.61 (2.15)	63.50 (2.50)	57.15 (2.25)	2.44 (5.38)
42	3/8"	DM20241K2006	109.55 (4.31)	29.36 (1.16)	60.45 (2.38)	63.50 (2.50)	53.97 (2.13)	2.39 (5.28)
42	1/2"	DM20241K2008	112.73 (4.44)	28.58 (1.13)	60.45 (2.38)	63.50 (2.50)	57.15 (2.25)	2.44 (5.37)
60	3/8"	DM20241K3206	134.95 (5.31)	38.10 (1.50)	88.90 (3.50)	81.28 (3.20)	53.97 (2.13)	4.21 (9.29)
60	1/2"	DM20241K3208	138.13 (5.44)	38.10 (1.50)	88.90 (3.50)	81.28 (3.20)	57.15 (2.25)	4.33 (9.55)

Note: Only available in Stainless Steel.

DM 80 Series - Metric Tube

Specialty Fitting Configuration Guide

6mm to 60mm

 JIC 37° 90° Elbow Male A/DM80355	 JIC 37° Branch Tee Male A/DM80177	 JIC 37° 90° Elbow Female Swivel A/DM80354	 JIC 37° Branch Tee Female Swivel A/DM80170	 BSPP 90° Elbow Male A/DM80168	 BSPP Branch Tee Male A/DM80175
 BSPP 90° Elbow Female DM80169	 DIN 24° 90° Elbow Male A/DM80073	 DIN 24° Branch Tee Male A/DM80182	 DIN 24° 90° Elbow Female Swivel A/DM80069	 DIN 24° Branch Tee Female Swivel A/DM80184	 90° PYPLOK® x SAE Code 61 Flange DM80391
 90° PYPLOK® x SAE Code 62 Flange DM80392	 NPS to Metric Tube Reducer DM20801				

Notes

[illegible]