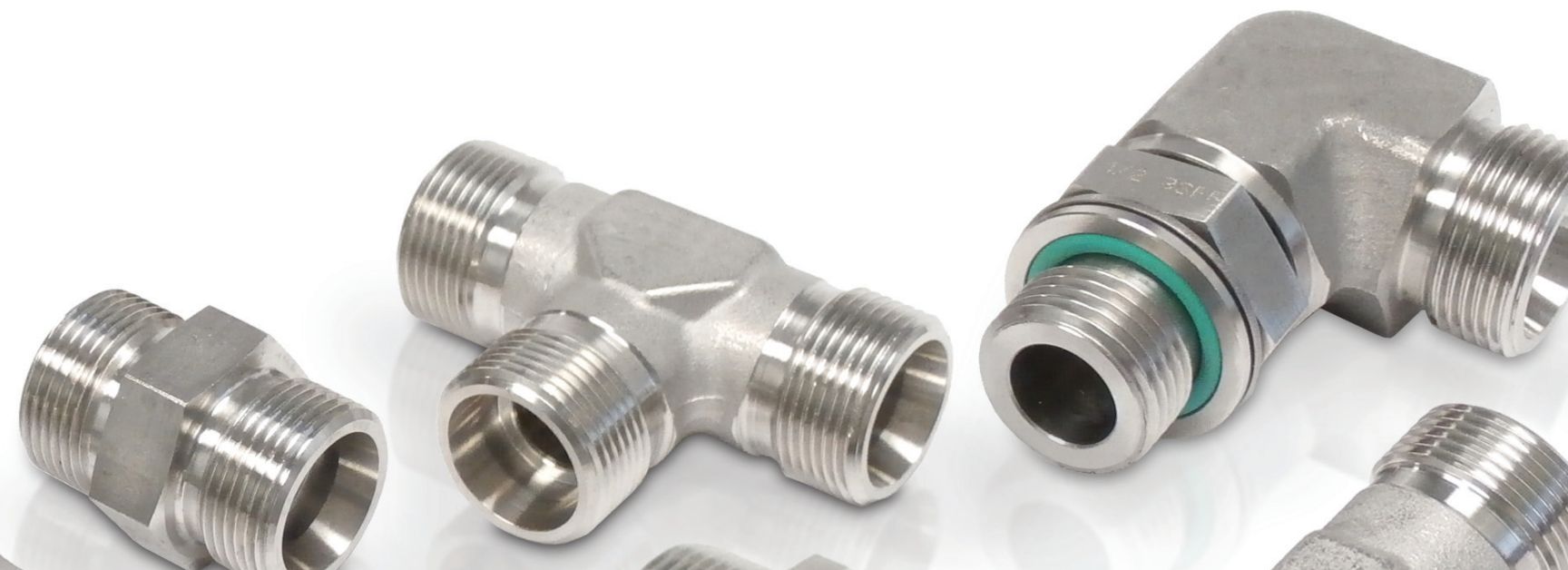




DIN FITTINGS

DIN 2353 METRIC BITE-TYPE FITTINGS AND ADAPTERS BY VOLZ





DIN FITTINGS BY VOLZ

Based in Germany, Volz Group is a leading manufacturer of stainless and carbon steel DIN 2353 fittings. Brennan has entered into a strategic alliance with Volz to bring these high quality fittings to the North American marketplace. Volz's German manufacturing standards, innovative plating technology and wide DIN and Metric product range are now available to you through Brennan.

For more information on DIN, Metric and other international fittings please contact a Brennan representative.





STAINLESS STEEL TUBE FITTINGS



NO COMPROMISE ON QUALITY

We only use high quality stainless steel 1.4571 (316Ti) due to its exceptional temperature and corrosion resistance. We recommend 316Ti for environments with high salt levels, acidity, or near weld seams. The high service life of our tube and hose fittings also reduces your replacement and maintenance costs.

HIGH QUALITY MATERIAL FOR LONGER LIFE

- Exclusively V4A materials, 1.4571 (316Ti)
- Exceptional temperature and corrosion resistance
- Recommended for use with high salt levels or acids, or near weld seams
- 100% traceability to the smelting furnace
- Inspection certificate available upon request
- Viton seals

CARBON STEEL FITTINGS AND ACCESSORIES



QUALITY PRODUCTS IN CARBON STEEL

Our carbon steel tube fittings offer excellent corrosion protection. The zinc-nickel plating far exceeds US and international corrosion resistance standards, including VDMA 24576 class K5. Our zinc-nickel plated fittings showed no traces of white or red rust even after 1000 hours of exposure to salt spray testing.

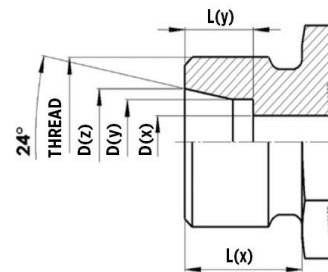
SUPERIOR ZINC-NICKEL PLATING

- Exceptional rust resistance, over 1000 hours under salt spray testing
 - High abrasion protection
 - High temperature stability
 - Good paintability
- Low contact corrosion with aluminum, even lower with stainless steel
 - Clean, high quality appearance
 - NBR Seals

24° CUTTING RING CONE END FOR TUBE COUPLINGS

Standard dimensions of bore form W acc. to DIN 3861, ISO 8434-1

Series		THREAD	Dx	Dy	Dz	Lx	Ly
E = EXTRA LIGHT	4	M 8 x 1	3	4	5.0	8	4.0
	6	M 10 x 1	4.5	6	7.5	8	5.5
	8	M 12 x 1	6	8	9.5	9	5.5
L = LIGHT	6	M 12 x 1.5	4	6	8.1	10	7.0
	8	M 14 x 1.5	6	8	10.1	10	7.0
	10	M 16 x 1.5	8	10	12.3	11	7.0
	12	M 18 x 1.5	10	12	14.3	11	7.0
	15	M 22 x 1.5	12	15	17.3	12	7.0
	18	M 26 x 1.5	15	18	20.3	12	7.5
	22	M 30 x 2	19	22	24.3	14	7.5
	28	M 36 x 2	24	28	30.3	14	7.5
	35	M 45 x 2	30	35	38.0	16	10.5
	42	M 52 x 2	36	42	45.0	16	11.0
S = HEAVY	6	M 14 x 1.5	4	6	8.1	12	7.0
	8	M 16 x 1.5	5	8	10.1	12	7.0
	10	M 18 x 1.5	7	10	12.3	12	7.5
	12	M 20 x 1.5	8	12	14.3	12	7.5
	14	M 22 x 1.5	10	14	16.3	14	8.0
	16	M 24 x 1.5	12	16	18.3	14	8.5
	20	M 30 x 2	16	20	22.9	16	1.05
	25	M 36 x 2	20	25	27.9	18	12.0
	30	M 42 x 2	25	30	33.0	20	13.5
	38	M 52 x 2	32	38	41.0	22	16.0



STANDARDS

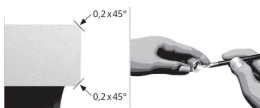
Thread Styles	Volz Description	Standards	Forms/Seals
MBT (Male Bite Type)		DIN 2353/ ISO 8434-1	
Female Metric Swivel	DKO	DIN 2353/ ISO 8434-1	
Female Standpipe		DIN 2353/ ISO 8434-1	
Male BSPP	R	DIN 3852-2, ISO 1179-4	Form B (metal sealing edge)
Male BSPP WD	R-WD	DIN 3852-11, ISO 1179-2	Form E (soft seal)
Metric Parallel	M	DIN 3852-1, ISO 9974-3	Form B (metal sealing edge)
Metric Parallel WD	M-WD	DIN 3852-11, ISO 9974-2	Form E (soft seal)
BSPT (shorter than ISO 7)	R-keg	DIN 3852-2	Form C
Metric Tapered	M-keg	DIN 3852-1	Form C
ISO 6149	M-ODR	ISO 6149	Form F
Pipe	NPT	ANSI/ASME B1.20.1	Stud end NPT
ORB (Oring Boss)	UNF/UN	ISO 11926	
BSPP	R-ZYL	DIN 3852-2, ISO 1179-1	
Metric Parallel	M-ZYL	DIN 3852-1, ISO 9974-1	
Male BSPP adjustable	WEE-R	ISO 1179-3	Form G, H (O-ring /retaining ring)
Metric parallel adjustable	WEE-M		O-ring/retaining ring
Metric parallel adjustable	WEE-OR	ISO 6149-2/3	O-ring
ORB (Oring Boss)	WEE-UNF/UN	ISO 11926	O-ring
JIC		SAE 514 / ISO 8434-2	
NPT			

Note: Stainless steel fittings come with Viton seals, carbon steel fittings with NBR seals. Some Stainless Steel fittings have different pressure ratings than Carbon Steel fittings for info visit Brennaninc.com or contact your sales rep.

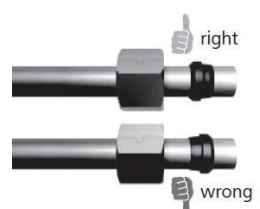
ASSEMBLY INSTRUCTIONS



1. Saw the tube off square.
An angular deviation of 0.5° relative to the tube axis is permissible.
Please note!! Do not use pipe cutters. Use reinforcing sleeve with thin wall tubes.



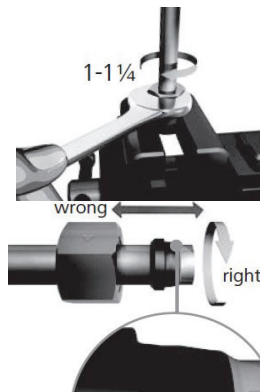
2. Lightly debur the tube ends and clean the tube thoroughly
The tube end within the assembly length must be free from swarf, dirt and paint.



3. Assembly of cutting ring
Place nut and cutting ring on tube as shown.
Please note!! ensure that the cutting ring edge is facing the tube end.



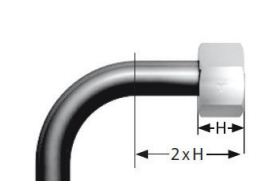
4. Find point of resistance
Push pipe completely into the connector.
Tighten nut until the ring makes contact with the tube surface – this point can be felt by an increase in the torque.
(Torque increase point)



5. Final assembly
After the ring has contacted the tube, mark position of the nut. Tighten the nut by $1-1/4$ turn*. Ensure to use wrench extension as required.
Please Note!!! Fitting body to be used one time only. If pre-assembling is required please visit www.brennaninc.com/literature for instructions.
*For carbon steel, tighten the nut by 1 turn.



6. Control
Check penetration of cutting edge. A visible ring of material should fill the space in front of the cutting ring end face. Cutting ring may turn on tube but should not be capable of moving in an axial direction.



7. Repeated Assembly
Each time the fitting has been loosened, re-assembly must be performed with the same torque as initial assembly. Hold the body rigid. Threads must be lubricated. Recommended to use wrench extension.

8. Minimum length of straight tube end for tube bends
For tube bends, the length of the straight tube end, up to the start of the bend radius, must be at least twice the nut length. The straight segment of the tube up to $2 \times H$ must not be oval or tapered.

If you would like a short assembly training, our application engineers would be pleased to accommodate you. Please contact us for further information.
Assembly instructions for use with dies and presetting machines, pressure ratings and other info can be found at brennaninc.com.



HOW TO ORDER

There are several factors that will determine your DIN Metric Bite Type (MBT) Fittings part number.

Our new part numbering system follows recognizable series numbers that closely mirror Brennan's Tube Fitting and Adapter line allowing customers to order Brennan DIN Fittings with ease. All measurements are in millimeters and all weights are in pounds.

BRENNAN SERIES NUMBER

- Brennan Metric Bite Type Connection part numbers begin with "D"

Brennan Series Number:

2403

Male JIC to JIC Straight



Brennan Series Number:

D2403

DIN MBT to MBT Straight



SIZE AND PRESSURE RATING

- MBT series code (pressure E, L, or S) and tube end sizes in millimeters

Series Code (Pressure Rating) + Tube End Size (mm) = Result

E = EXTRA LIGHT → **08 = 8MM** → **E08**

L = LIGHT → **10 = 10MM** → **L10**

S = HEAVY → **12 = 12MM** → **S12**

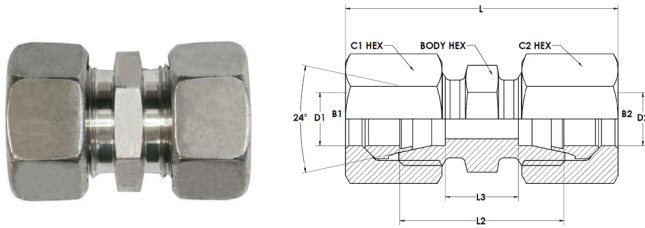
Example: Brennan Part Number: **D2403-L08-L08**

Highlighted in GREEN below = DIN MBT 2403, Light duty 8mm straight

Below are (2) examples of how DIN fittings are displayed in this catalog:

D2403-EQUAL

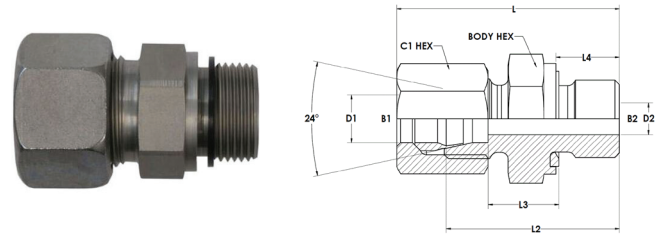
MBT-MBT STRAIGHT EQUAL UNION



D7400-ED

MBT-MBSPP ED STRAIGHT

MBSP ISO 1179-2 FORM E ELASTOMERIC SEAL DIN 3869 (GEV R - WD)



		B1			B2								
		DIN METRIC TUBE COMPRESSION			DIN METRIC TUBE COMPRESSION								
		DIN 2353, ISO 8434-1			DIN 2353, ISO 8434-1								
Part #	CODE	D1	THREAD	C1	D2	THREAD	C2	L1	L2	BODY	WT	BAR	
D2403-E04-E04	EXTRA LIGHT	4	M08X1.0	10	4	M08X1.0	10	32	20	9.0	0.037	100	
D2403-E06-E06		6	M10X1.0	12	6	M10X1.0	12	32	20	11.0	0.05	100	
D2403-E08-E08		8	M12X1.0	14	8	M12X1.0	14	35	23	12.0	0.067	100	
D2403-E10-E10		10	M14X1.0	17	10	M14X1.0	17	34.6	23	14.0	0.095	100	
D2403-E12-E12		12	M16X1.0	19	12	M16X1.0	19	38.6	23	17.0	0.116	100	
D2403-L06-L06	LIGHT	6	M12X1.5	14	6	M12X1.5	14	40	24	12.0	0.09	500	
D2403-L08-L08		8	M14X1.5	17	8	M14X1.5	17	41	25	14.0	0.127	500	
D2403-L10-L10		10	M16X1.5	19	10	M16X1.5	19	43	27	17.0	0.162	500	
D2403-L12-L12		12	M18X1.5	22	12	M18X1.5	22	44	28	19.0	0.21	400	
D2403-L15-L15		15	M22X1.5	27	15	M22X1.5	27	47	30	24.0	0.342	400	
D2403-L18-L18		18	M26X1.5	32	18	M26X1.5	32	50	31	27.0	0.49	400	
D2403-L22-L22		22	M30X2.0	36	22	M30X2.0	36	56	35	32.0	0.659	250	
D2403-L28-L28		28	M36X2.0	41	28	M36X2.0	41	58	36	41.0	0.845	250	
D2403-L35-L35	35	M45X2.0	50	35	M45X2.0	50	65	41	46.0	1.293	250		
D2403-L42-L42	42	M52X2.0	60	42	M52X2.0	60	67	43	55.0	1.888	250		

Continued...

		B1			B2						
		DIN METRIC TUBE COMPRESSION			MALE BSPP FORM E CAPTIVE SEAL						
		DIN 2353, ISO 8434-1			ISO 1179-4, ISO 8434-6, BS 5200						
Part #	CODE	D1	THREAD	C1	D2	THREAD	L1	L2	BODY	WT	BAR
D7400-L06-02-ED	LIGHT	6	M12X1.5	14	4	1/8-28	31.5	23.5	14	0.062	500
D7400-L06-04-ED		6	M12X1.5	14	4	1/4-19	37	29	19	0.0966	500
D7400-L06-06-ED		6	M12X1.5	14	4	3/8-19	38.5	30.5	22	0.1246	500
D7400-L06-08-ED		6	M12X1.5	14	4	1/2-14	41	33	27	0.1797	500
D7400-L08-02-ED		8	M14X1.5	17	4	1/8-28	32.5	24.5	14	0.0813	500
D7400-L08-04-ED		8	M14X1.5	17	6	1/4-19	37	29	19	0.1073	500
D7400-L08-06-ED		8	M14X1.5	17	6	3/8-19	38.5	30.5	22	0.146	500
D7400-L08-08-ED		8	M14X1.5	17	6	1/2-14	41	33	27	0.1985	500
D7400-L10-02-ED		10	M16X1.5	19	4	1/8-28	33.5	25.5	17	0.1018	500
D7400-L10-04-ED		10	M16X1.5	19	6	1/4-19	38	30	19	0.1235	500
D7400-L10-06-ED		10	M16X1.5	19	8	3/8-19	39.5	31.5	22	0.1529	500
D7400-L10-08-ED		10	M16X1.5	19	8	1/2-14	42	34	27	0.2193	500
D7400-L10-12-ED		10	M16X1.5	19	8	3/4-14	45	37	32	0.2712	400
D7400-L12-02-ED		12	M18X1.5	22	4	1/8-28	34.5	26.5	19	0.1308	400
D7400-L12-04-ED		12	M18X1.5	22	6	1/4-19	39	31	19	0.1439	400

Continued...

MATERIAL

- All Brennan MBT series connectors are available in Carbon & Stainless Steel

Stainless Steel material can be selected by adding "-SS" after the series code/sizes of the fitting. By default, all Brennan MBT connectors are Zinc Nickel plated Carbon Steel.

Brennan Part Number:
D7400-L08-08-ED-SS

Brennan Part Number:
D7400-L08-08-ED

-SS = STAINLESS STEEL

BLANK = CARBON STEEL

* See pages 4-5 for more info on Brennan materials

WITH OR WITHOUT TUBE NUTS & SLEEVES

- MBT can be ordered assembled with Nut and Bite Ring or unassembled

To order unassembled, add -X at the very end of the part number. All Brennan DIN MBT series listed in this catalog are assembled (With Tube Nuts and Sleeves) All Brennan DIN MBT parts are available unassembled.

Brennan Part Number:
D2403-L08-L08-SS-X

-X = UNASSEMBLED (NO TUBE NUTS, NO BITE RING)

Below are (2) examples of how to formulate a Brennan DIN part number:

EXAMPLE - Metric Bite Type (MBT) Union

D2403-L08-L08-SS-X

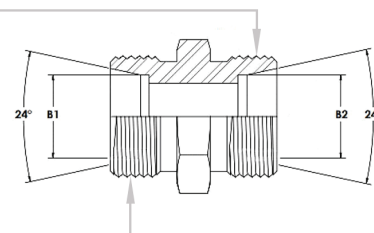
Brennan Series

Body Only: "X" indicates this part is Body Only and does not include tube nuts & sleeves

Stainless Steel: "SS" indicates this part is Stainless Steel

Connection 2: MBT (Series Code "L" = Light) ("08" = 8mm Tube OD)

Connection 1: MBT (Series Code "L" = Light) ("08" = 8mm Tube OD)



Brennan DIN part numbers can be formulated using the following table:

Brennan Series	Connection 1 (B1)	Connection 2 (B2)	Connection 3 (B3)	Connection 4 (B2)	Material	Body Only	Result
D2403	-E04	-E04					D2403-E04-E04
D2403	-L08	-L08					D2403-L08-L08
D2403	-L08	-L08			-SS		D2403-L08-L08-SS
D2403	-S10	-S10				-X	D2403-S10-S10-X
D2403	-S10	-S10			-SS	-X	D2403-S10-S10-SS-X

Note: Certain fittings series will end with ED (for Elastomeric Seal), CF (for Cut Face Seal), RR (for O-Ring Retaining Ring), or BANJO. In these cases, material and assembly designators will be placed after those descriptions. Ex: D7400-L08-08-ED-SS-X

EXAMPLE - CONVERSION ADAPTER

D7400-L08-08-ED-SS-X

Brennan Series

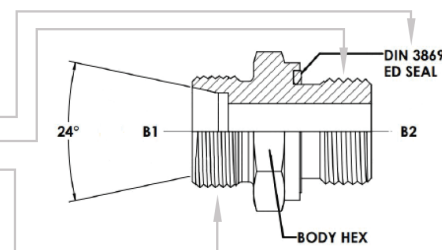
Body Only: "X" indicates this part is Body Only and does not include tube nuts & sleeves

Stainless Steel: "SS" indicates this part is Stainless Steel

Connection 2: "ED" = MBSP Elastomeric Seal recessed in the fitting body

Connection 2: "08" = 8mm Tube OD

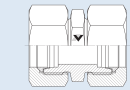
Connection 1: MBT (Series Code "L" = Light) ("08" = 8mm Tube OD)



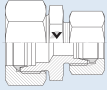
Brennan DIN part numbers can be formulated using the following table:

Brennan Series	Connection 1 (B1)	Connection 2 (B2)	Connection 3 (B3)	Connection 4 (B2)	Material	Body Only	Result
D7400-ED	-E04	-04					D7400-E04-04-ED
D7400-ED	-L08	-08					D7400-L08-08-ED
D7400-ED	-L08	-08			-SS		D7400-L08-08-ED-SS
D7400-ED	-S10	-10				-X	D7400-S10-10-ED-X
D7400-ED	-S10	-10			-SS	-X	D7400-S10-10-ED-SS-X

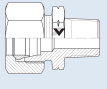
Straights



D2403-EQUAL Page 12
 ■ Straight Coupling
 24° Flareless/24° Flareless



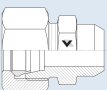
D2403-REDUCER Page 13
 ■ Straight Reducer
 24° Flareless/24° Flareless



D2404 Page 14
 ■ Male Stud Connector
 24° Flareless /NPT



D2405 Page 15
 ■ Straight Female Connector
 Female NPT/24° Flareless



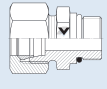
D2425 Page 15
 ■ Straight Weld Coupling
 24° Flareless/Butt Weld



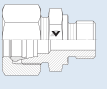
D2700-LN Page 16
 ■ Bulkhead Union
 24° Flareless/24° Flareless



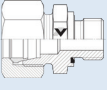
D2700-WC Page 17
 ■ Straight Weld Bulkhead
 24° Flareless/24° Flareless



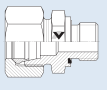
D6400-O Page 18
 ■ Male Stud Connector
 24° Flareless /SAE ORB



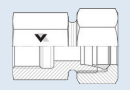
D7400-CF Page 19
 ■ Male Stud Connector
 24° Flareless/ BSPP or Metric Parallel - Metallic Seal



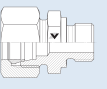
D7400-ED Page 20
 ■ Male Stud Connector
 24° Flareless/ BSPP or Metric Parallel - Elastomer Seal



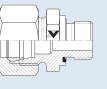
D7404 Page 21
 ■ Male Stud Connector
 24° Flareless/ BSPP or Metric Parallel - Elastomer Seal



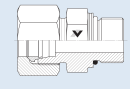
D7405 Page 22
 ■ Straight Female Connector
 Female BSPP or Female Metric Parallel/24° Flareless



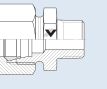
D8400-CF Page 23
 ■ Male Stud Connector
 24° Flareless/ BSPP or Metric Parallel - Metallic Seal



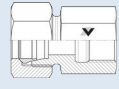
D8400-ED Page 24
 ■ Male Stud Connector
 24° Flareless/ BSPP or Metric Parallel - Elastomer Seal



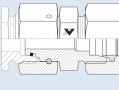
D8400-ISO 6149 Page 25
 ■ Male Stud Connector
 24° Flareless / ISO 6149



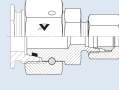
D8404 Page 25
 ■ Male Stud Connector
 24° Flareless /BSPT or Metric Taper



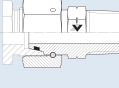
D8405 Page 26
 ■ Straight Female Connector
 Female BSPP or Female Metric Parallel/24° Flareless



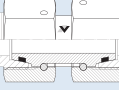
D6504-EQUAL Page 26
 ■ Distance Piece
 Flareless Swivel/24° Flareless



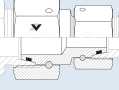
D6504-REDUCER Page 27
 ■ Straight Reducer
 Flareless Swivel/24° Flareless



D6505 Page 28
 ■ Swivel Connector
 Flareless Swivel/NPT



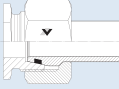
D6565-EQUAL Page 28
 ■ Swivel Union
 Flareless Swivel/Flareless Swivel



D6565-REDUCER Page 29
 ■ Swivel Union
 Flareless Swivel/Flareless Swivel



D7505-ED Page 30
 ■ Swivel Connector
 Flareless Swivel/BSPP or Metric Parallel - Elastomer Seal

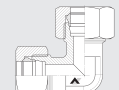


D8440 Page 31
 ■ Straight Weld Nipple
 for tubes
 24° Flareless/Butt Weld

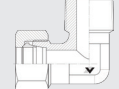


D8505-ED Page 32
 ■ Swivel Connector
 Flareless Swivel/BSPP or Metric Parallel - Elastomer Seal

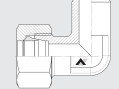
Elbows



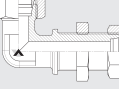
D2500 Page 33
 ■ Equal Elbow
 24° Flareless/24° Flareless



D2501 Page 34
 ■ Male Stud Elbow
 24° Flareless/NPT



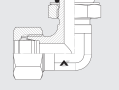
D2525 Page 34
 ■ Elbow Weld Coupling
 24° Flareless/Butt Weld



D2701-LN Page 35
 ■ Bulkhead Elbow Coupling
 24° Flareless/24° Flareless



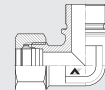
D6500 Page 36
 ■ Swivel Nut Elbow
 Flareless Swivel/24° Flareless



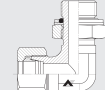
D6801-NWO Page 36
 ■ Adjustable Elbow with lock nut
 24° Flareless/SAE ORB



D7501 Page 37
 ■ Male Stud Elbow
 24° Flareless /BSPT or Metric Taper



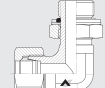
D7801-CF Page 38
 ■ Male Stud Elbow
 24° Flareless/BSPP or Metric Parallel - Metallic Seal



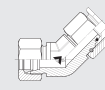
D7801-NWO-RR Page 38
 ■ Adjustable Elbow with lock nut
 24° Flareless/BSPP ORR or Metric Parallel ORR



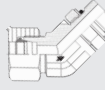
D8501 Page 39
 ■ Male Stud Elbow
 24° Flareless /BSPT or Metric Taper



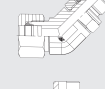
D8801-NWO-RR Page 39
 ■ Adjustable Elbow with lock nut
 24° Flareless/BSPP ORR or Metric Parallel ORR



D6502 Page 40
 ■ Swivel Nut 45° Elbow
 Flareless Swivel/24° Flareless



D6802-NWO Page 41
 ■ Adjustable 45° Elbow with lock nut

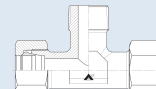


D7802-NWO-RR Page 42
 ■ Adjustable 45° Elbow with lock nut

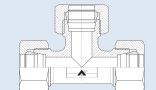


D8802-NWO-RR Page 43
 ■ Adjustable 45° Elbow with lock nut

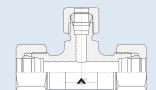
Tees



D2601 Page 44
 ■ Male Stud Branch Tee
 24° Flareless/NPT



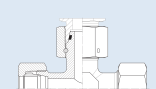
D2603-EQUAL Page 45
 ■ Equal Tee
 24° Flareless



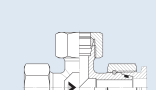
D2603-REDUCER Page 46
 ■ Tee Reducer
 24° Flareless



D2605 Page 48
 ■ Male Stud Barrel Tee
 24° Flareless/NPT



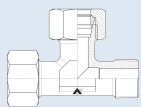
D6600 Page 49
 ■ Swivel Nut Branch Tee
 Flareless Swivel/24° Flareless



D6602 Page 50
 ■ Swivel Nut Barrel Tee
 Flareless Swivel/24° Flareless

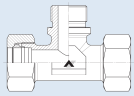


D7601 Page 51
 ■ Male Stud Branch Tee
 24° Flareless /BSPT or Metric Taper



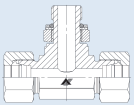
D7605 **Page 52**

■ Male Stud Barrel Tee
24° Flareless / BSPT or
Metric Taper



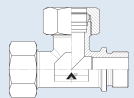
D7803-CF **Page 53**

■ Male Stud Branch Tee
24° Flareless/BSPP or Metric
Parallel - Metallic Seal



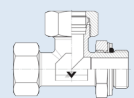
D7803-NWO-RR **Page 54**

■ Adjustable Tee with lock nut



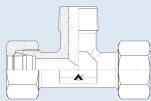
D7804-CF **Page 55**

■ Male Stud Barrel Tee
24° Flareless/BSPP or Metric
Parallel - Metallic Seal



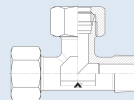
D7804-NWO-RR **Page 56**

■ Male Stud Barrel Tee
24° Flareless/BSPP
ORR or Metric Parallel ORR



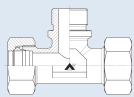
D8601 **Page 57**

■ Male Stud Branch Tee
24° Flareless / BSPT or
Metric Taper



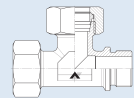
D8605 **Page 58**

■ Male Stud Barrel Tee
24° Flareless/BSPT or
Metric Taper



D8803-CF **Page 59**

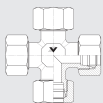
■ Male Stud Branch Tee
24° Flareless/BSPP or Metric
Parallel - Metallic Seal



D8804-CF **Page 60**

■ Male Stud Barrel Tee
24° Flareless/BSPP or Metric
Parallel - Metallic Seal

Crosses



D2650 **Page 61**

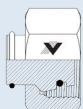
■ Equal Cross
24° Flareless

Caps & Plugs



D0303 **Page 62**

■ Blanking Cap for cone
24° Flareless



D0304-C **Page 62**

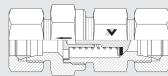
■ Blanking Cap for cone
24° Flareless



D2408 **Page 63**

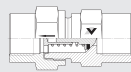
■ Blanking Plug for tube ends
24° Flareless

Check Valves



D2403-CV **Page 64**

■ Check Valve Tube Connection
24° Flareless/24° Flareless



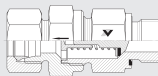
D5002-CV **Page 65**

■ Check Valve BSPP Connection
Female BSPP/Female BSPP



D7400-CVP-ED **Page 66**

■ Check Valve Tube Connection
24° Flareless/BSPP or Metric
Parallel - Elastomer Seal



D7400-CVT-ED **Page 67**

■ Check Valve Tube Connection
24° Flareless/BSPP or Metric
Parallel - Elastomer Seal



D8400-CVP-ED **Page 68**

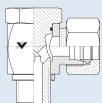
■ Check Valve Tube Connection
24° Flareless/BSPP or Metric
Parallel - Elastomer Seal



D8400-CVT-ED **Page 69**

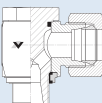
■ Check Valve Tube Connection
24° Flareless/BSPP or Metric
Parallel - Elastomer Seal

Banjos



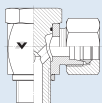
D7801-CF-BANJO **Page 70**

■ High Pressure Banjo Elbow
24° Flareless/BSPP or Metric
Parallel - Metallic Seal



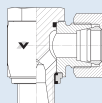
D7801-ED-BANJO **Page 71**

■ High Pressure Banjo Elbow
24° Flareless/BSPP or Metric
Parallel - Elastomer Seal



D8801-CF-BANJO **Page 72**

■ High Pressure Banjo Elbow
24° Flareless/BSPP or Metric
Parallel - Metallic Seal



D8801-ED-BANJO **Page 73**

■ High Pressure Banjo Elbow
24° Flareless/BSPP or Metric
Parallel - Elastomer Seal

Seals



ED4000 **Page 74**

■ Elastic Soft Seal Ring
DIN 3869



M4000 **Page 74**

■ O-Ring

Nuts, Sleeves, Locknuts & Inserts



D0306-M **Page 75**

■ Lock Nut DIN 80705



D0318 **Page 75**

■ Nut DIN 3870



D0319 **Page 76**

■ Cutting Ring with PTFE
soft seal



D0328 **Page 76**

■ Nut



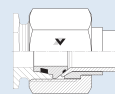
D0329 **Page 77**

■ Sleeve



D0330 **Page 77**

■ Adaptor Ring
37°/24° Flareless



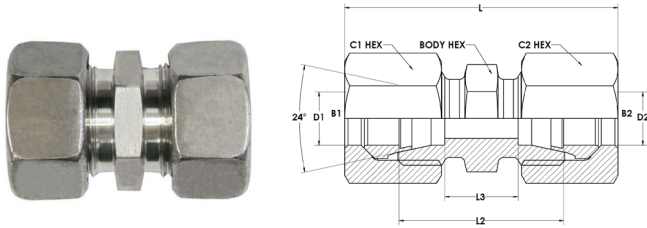
D0333 **Page 78**

■ 37° Flared Tube Adapter

STRAIGHTS

D2403-EQUAL

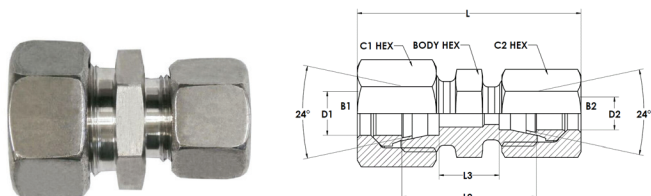
MBT-MBT STRAIGHT EQUAL UNION (GV)



		B1			B2							
		DIN METRIC TUBE COMPRESSION			DIN METRIC TUBE COMPRESSION							
		DIN 2353, ISO 8434-1			DIN 2353, ISO 8434-1							
Part #	CODE	D1	THREAD	C1	D2	THREAD	C2	L1	L2	BODY	WT	BAR
D2403-E04-E04	EXTRA LIGHT	4	M08X1.0	10	4	M08X1.0	10	32	20	9.0	0.037	100
D2403-E06-E06		6	M10X1.0	12	6	M10X1.0	12	32	20	11.0	0.05	100
D2403-E08-E08		8	M12X1.0	14	8	M12X1.0	14	35	23	12.0	0.067	100
D2403-E10-E10		10	M14X1.0	17	10	M14X1.0	17	34.6	23	14.0	0.095	100
D2403-E12-E12		12	M16X1.0	19	12	M16X1.0	19	38.6	23	17.0	0.116	100
D2403-L06-L06		6	M12X1.5	14	6	M12X1.5	14	40	24	12.0	0.09	500
D2403-L08-L08	LIGHT	8	M14X1.5	17	8	M14X1.5	17	41	25	14.0	0.127	500
D2403-L10-L10		10	M16X1.5	19	10	M16X1.5	19	43	27	17.0	0.162	500
D2403-L12-L12		12	M18X1.5	22	12	M18X1.5	22	44	28	19.0	0.21	400
D2403-L15-L15		15	M22X1.5	27	15	M22X1.5	27	47	30	24.0	0.342	400
D2403-L18-L18		18	M26X1.5	32	18	M26X1.5	32	50	31	27.0	0.49	400
D2403-L22-L22		22	M30X2.0	36	22	M30X2.0	36	56	35	32.0	0.659	250
D2403-L28-L28		28	M36X2.0	41	28	M36X2.0	41	58	36	41.0	0.845	250
D2403-L35-L35		35	M45X2.0	50	35	M45X2.0	50	65	41	46.0	1.293	250
D2403-L42-L42		42	M52X2.0	60	42	M52X2.0	60	67	43	55.0	1.888	250
D2403-S06-S06		HEAVY	6	M14X1.5	17	6	M14X1.5	17	46	30	14.0	0.159
D2403-S08-S08	8		M16X1.5	19	8	M16X1.5	19	48	32	17.0	0.201	800
D2403-S10-S10	10		M18X1.5	22	10	M18X1.5	22	50	32	19.0	0.269	800
D2403-S12-S12	12		M20X1.5	24	12	M20X1.5	24	52	34	22.0	0.327	630
D2403-S14-S14	14		M22X1.5	27	14	M22X1.5	27	58	38	24.0	0.458	630
D2403-S16-S16	16		M24X1.5	30	16	M24X1.5	30	58	38	27.0	0.551	630
D2403-S20-S20	20		M30X2.0	36	20	M30X2.0	36	68	44	32.0	0.089	420
D2403-S25-S25	25		M36X2.0	46	25	M36X2.0	46	76	50	41.0	1.647	420
D2403-S30-S30	30		M42X2.0	50	30	M42X2.0	50	82.5	54	46.0	1.957	420
D2403-S38-S38	38		M52X2.0	60	38	M52X2.0	60	92	61	55.0	2.971	420

D2403-REDUCER

MBT-MBT STRAIGHT REDUCER UNION (GRV)



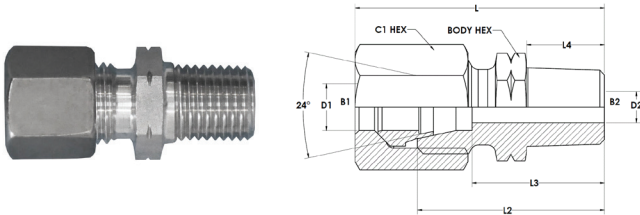
Part #	CODE	B1 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1			B2 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1			L1	L2	BODY	WT	BAR
		D1	THREAD	C1	D2	THREAD	C2					
D2403-E06-E04	EXTRA LIGHT	6	M10X1.0	12	4	M08X1.0	10	32	20	11.0	0.044	100
D2403-E08-E04		8	M12X1.0	14	4	M08X1.0	10	34	22	12.0	0.055	100
D2403-E08-E06		8	M12X1.0	14	6	M10X1.0	12	39.5	22	12.0	0.062	100
D2403-L08-L06		8	M14X1.5	17	6	M12X1.5	14	41	25	14.0	0.112	500
D2403-L10-L06	LIGHT	10	M16X1.5	19	6	M12X1.5	14	42	26	17.0	0.132	500
D2403-L10-L08		10	M16X1.5	19	8	M14X1.5	17	42	26	17.0	0.148	500
D2403-L12-L06		12	M18X1.5	22	6	M12X1.5	14	43	27	19.0	0.161	400
D2403-L12-L08		12	M18X1.5	22	8	M14X1.5	17	43	27	19.0	0.176	400
D2403-L12-L10		12	M18X1.5	22	10	M16X1.5	19	44	28	19.0	0.192	400
D2403-L15-L06		15	M22X1.5	27	6	M12X1.5	14	45.5	29	24.0	0.249	400
D2403-L15-L08		15	M22X1.5	27	8	M14X1.5	17	45.5	29	24.0	0.264	400
D2403-L15-L10		15	M22X1.5	27	10	M16X1.5	19	45.5	29	24.0	0.269	400
D2403-L15-L12		15	M22X1.5	27	12	M18X1.5	22	45.5	29	24.0	0.284	400
D2403-L18-L08		18	M26X1.5	32	8	M14X1.5	17	47.5	30	27.0	0.357	400
D2403-L18-L10		18	M26X1.5	32	10	M16X1.5	19	47.5	30	27.0	0.361	400
D2403-L18-L12		18	M26X1.5	32	12	M18X1.5	22	47.5	30	27.0	0.379	400
D2403-L18-L15		18	M26X1.5	32	15	M22X1.5	27	49	31	27.0	0.427	400
D2403-L22-L10		22	M30X2.0	36	10	M16X1.5	19	50.5	32	32.0	0.463	250
D2403-L22-L12		22	M30X2.0	36	12	M18X1.5	22	50.5	32	32.0	0.48	250
D2403-L22-L15		22	M30X2.0	36	15	M22X1.5	27	52	33	32.0	0.535	250
D2403-L22-L18		22	M30X2.0	36	18	M26X1.5	32	53	33	32.0	0.595	250
D2403-L28-L12		28	M36X2.0	41	12	M18X1.5	22	52.5	33.5	41.0	0.637	250
D2403-L28-L15		28	M36X2.0	41	15	M22X1.5	27	53.5	34	41.0	0.681	250
D2403-L28-L18		28	M36X2.0	41	18	M26X1.5	32	54.5	34	41.0	0.742	250
D2403-L28-L22		28	M36X2.0	41	22	M30X2.0	36	57.5	36	41.0	0.795	250
D2403-L35-L22		35	M45X2.0	50	22	M30X2.0	36	61.5	39	46.0	1.084	250
D2403-L35-L28		35	M45X2.0	50	28	M36X2.0	41	62	39	46.0	1.104	250
D2403-L42-L22		42	M52X2.0	60	22	M30X2.0	36	62	39.5	55.0	1.441	250
D2403-L42-L28		42	M52X2.0	60	28	M36X2.0	41	62.5	39.5	55.0	1.485	250
D2403-L42-L35		42	M52X2.0	60	35	M45X2.0	50	67	43	55.0	1.711	250

Continued...

Part #	CODE	B1 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1			B2 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1			L1	L2	BODY	WT	BAR
		D1	THREAD	C1	D2	THREAD	C2					
D2403-S08-S06	HEAVY	8	M16X1.5	19	6	M14X1.5	17	48	32	17.0	0.189	800
D2403-S10-S06		10	M18X1.5	22	6	M14X1.5	17	49	32	19.0	0.229	800
D2403-S10-S08		10	M18X1.5	22	8	M16X1.5	19	49	32	19.0	0.24	800
D2403-S12-S06		12	M20X1.5	24	6	M14X1.5	17	51	34	22.0	0.273	630
D2403-S12-S08		12	M20X1.5	24	8	M16X1.5	19	51	34	22.0	0.286	630
D2403-S12-S10		12	M20X1.5	24	10	M18X1.5	22	52	34	22.0	0.315	630
D2403-S14-S10		14	M22X1.5	27	10	M18X1.5	22	55	36	24.0	0.388	630
D2403-S14-S12		14	M22X1.5	27	12	M20X1.5	24	55	36	24.0	0.401	630
D2403-S16-S08		16	M24X1.5	30	8	M16X1.5	19	53.5	35.5	27.0	0.414	630
D2403-S16-S10		16	M24X1.5	30	10	M18X1.5	22	55	36	27.0	0.447	630
D2403-S16-S12		16	M24X1.5	30	12	M20X1.5	24	55	36	27.0	0.458	630
D2403-S16-S14		16	M24X1.5	30	14	M22X1.5	27	58	38	27.0	0.518	630
D2403-S20-S10		20	M30X2.0	36	10	M18X1.5	22	61	40	32.0	0.663	420
D2403-S20-S12		20	M30X2.0	36	12	M20X1.5	24	61	40	32.0	0.676	420
D2403-S20-S14		20	M30X2.0	36	14	M22X1.5	27	62	40	32.0	0.705	420
D2403-S20-S16		20	M30X2.0	36	16	M24X1.5	30	64	42	32.0	0.758	420
D2403-S25-S12		25	M36X2.0	46	12	M20X1.5	24	67	45	41.0	1.176	420
D2403-S25-S14		25	M36X2.0	46	14	M22X1.5	27	68.5	45.5	41.0	1.196	420
D2403-S25-S16		25	M36X2.0	46	16	M24X1.5	30	69	46	41.0	1.225	420
D2403-S25-S20		25	M36X2.0	46	20	M30X2.0	36	73	48	41.0	1.361	420
D2403-S30-S10		30	M42X2.0	50	10	M18X1.5	22	69	46	46.0	1.352	420
D2403-S30-S16		30	M42X2.0	50	16	M24X1.5	30	72.5	48	46.0	1.454	420
D2403-S30-S20		30	M42X2.0	50	20	M30X2.0	36	76	50	46.0	1.562	420
D2403-S30-S25		30	M42X2.0	50	25	M36X2.0	46	79	52	46.0	1.866	420
D2403-S38-S16		38	M52X2.0	60	16	M24X1.5	30	78.5	53	55.0	2.112	420
D2403-S38-S20		38	M52X2.0	60	20	M30X2.0	36	82.5	55	55.0	2.242	420
D2403-S38-S25		38	M52X2.0	60	25	M36X2.0	46	85.5	57	55.0	2.535	420
D2403-S38-S30		38	M52X2.0	60	30	M42X2.0	50	88.5	59	55.0	2.656	420

D2404

MBT-MP STRAIGHT (GEV - NPT)



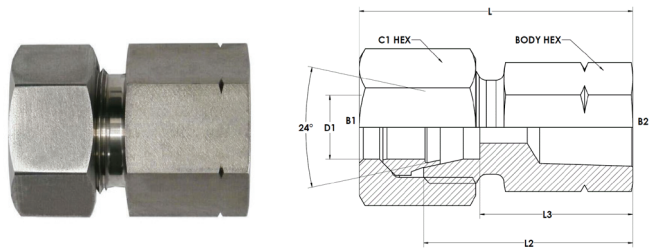
Part #	CODE	B1 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1			B2 MALE NPT ASME/ANSI B1.20.1			L1	L2	BODY	WT	BAR
		D1	THREAD	C1	D2	THREAD						
D2404-E04-02	EXTRA LIGHT	4	M08X1.0	10	3	1/8-27	28	22	11.0	0.035	100	
D2404-E06-02		6	M10X1.0	12	4	1/8-27	28	22	11.0	0.039	100	
D2404-E08-02		8	M12X1.0	14	4	1/8-27	30	24	12.0	0.05	100	
D2404-L06-02		6	M12X1.5	14	4	1/8-27	32	24	12.0	0.06	315	
D2404-L06-04	LIGHT	6	M12X1.5	14	4	1/4-18	38	30	17.0	0.094	315	
D2404-L06-06		6	M12X1.5	14	4	3/8-18	39	31	19.0	0.127	315	
D2404-L06-08		6	M12X1.5	14	4	1/2-14	44	36	24.0	0.21	315	
D2404-L08-02		8	M14X1.5	17	4	1/8-27	33	25	14.0	0.082	315	
D2404-L08-04		8	M14X1.5	17	6	1/4-18	38	30	17.0	0.105	315	
D2404-L08-06		8	M14X1.5	17	6	3/8-18	38	30	19.0	0.132	315	
D2404-L08-08		8	M14X1.5	17	6	1/2-14	44	36	24.0	0.219	315	
D2404-L10-02		10	M16X1.5	19	4.5	1/8-27	34	26	17.0	0.102	315	
D2404-L10-04		10	M16X1.5	19	7	1/4-18	39	31	17.0	0.116	315	
D2404-L10-06		10	M16X1.5	19	8	3/8-18	40	32	19.0	0.144	315	
D2404-L10-08		10	M16X1.5	19	7	1/2-14	45	37	22.0	0.222	315	
D2404-L10-12		10	M16X1.5	19	8	3/4-14	46	38	27.0	0.305	315	
D2404-L12-02		12	M18X1.5	22	4	1/8-27	35	27	19.0	0.134	315	
D2404-L12-04		12	M18X1.5	22	7	1/4-18	40	32	19.0	0.146	315	
D2404-L12-06		12	M18X1.5	22	9	3/8-18	40	32	19.0	0.159	315	
D2404-L12-08		12	M18X1.5	22	10	1/2-14	45	37	22.0	0.223	315	
D2404-L12-12		12	M18X1.5	22	10	3/4-14	46	38	27.0	0.299	315	
D2404-L15-04		15	M22X1.5	27	7	1/4-18	41.5	33	24.0	0.221	315	
D2404-L15-06		15	M22X1.5	27	9	3/8-18	41.5	33	24.0	0.235	315	
D2404-L15-08		15	M22X1.5	27	11	1/2-14	46.5	38	24.0	0.282	315	
D2404-L15-12		15	M22X1.5	27	12	3/4-14	48.5	40	27.0	0.35	315	
D2404-L18-06		18	M26X1.5	32	9	3/8-18	43.5	34	27.0	0.323	315	
D2404-L18-08		18	M26X1.5	32	14	1/2-14	48.5	39	27.0	0.343	315	
D2404-L18-12		18	M26X1.5	32	15	3/4-14	48.5	39	30.0	0.422	315	
D2404-L18-16		18	M26X1.5	32	15	1-11/2	53.5	44	36.0	0.639	315	
D2404-L22-06		22	M30X2.0	36	9	3/8-18	46.5	36	32.0	0.424	160	
D2404-L22-08		22	M30X2.0	36	14	1/2-14	51.5	41	32.0	0.449	160	
D2404-L22-12		22	M30X2.0	36	18	3/4-14	51.5	41	32.0	0.474	160	
D2404-L22-16		22	M30X2.0	36	19	1-11/2	57.5	47	36.0	0.669	160	

Continued...

Part #	CODE	B1 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1			B2 MALE NPT ASME/ANSI B1.20.1			L1	L2	BODY	WT	BAR
		D1	THREAD	C1	D2	THREAD						
D2404-L22-20	LIGHT	22	M30X2.0	36	30	1-1/4-11-1/2	64.5	54	46.0	0.942	160	
D2404-L28-12		28	M36X2.0	41	18	3/4-14	53	42	41.0	0.621	160	
D2404-L28-16		28	M36X2.0	41	23	1-11/2	58	47	41.0	0.698	160	
D2404-L28-20		28	M36X2.0	41	24	1-1/4-11-1/2	60	49	46.0	0.996	160	
D2404-L35-16		35	M45X2.0	50	23	1-11/2	62	50	46.0	0.977	160	
D2404-L35-20		35	M45X2.0	50	30	1-1/4-11-1/2	63	51	46.0	1.045	160	
D2404-L42-20		42	M52X2.0	60	30	1-1/4-11-1/2	65	53	55.0	1.463	160	
D2404-L42-24		42	M52X2.0	60	36	1-1/2-11-1/2	65	53	55.0	1.405	160	
D2404-S06-02	HEAVY	6	M14X1.5	17	4	1/8-27	36	28	14.0	0.099	630	
D2404-S06-04		6	M14X1.5	17	4	1/4-18	43	35	17.0	0.137	630	
D2404-S06-06		6	M14X1.5	17	4	3/8-18	43	35	19.0	0.167	630	
D2404-S06-08		6	M14X1.5	17	4	1/2-14	48	40	22.0	0.246	630	
D2404-S08-02		8	M16X1.5	19	4	1/8-27	37.5	29.5	17.0	0.126	630	
D2404-S08-06		8	M16X1.5	19	5	3/8-18	44	36	19.0	0.183	630	
D2404-S08-08		8	M16X1.5	19	5	1/2-14	48	40	22.0	0.256	630	
D2404-S10-02		10	M18X1.5	22	4	1/8-27	39	30	19.0	0.168	630	
D2404-S10-04		10	M18X1.5	22	5	1/4-18	44	35	19.0	0.186	630	
D2404-S10-06		10	M18X1.5	22	7	3/8-18	44	35	19.0	0.201	630	
D2404-S10-08		10	M18X1.5	22	7	1/2-14	51	42	22.0	0.291	630	
D2404-S12-04		12	M20X1.5	24	5	1/4-18	46	37	22.0	0.23	630	
D2404-S12-06		12	M20X1.5	24	8	3/8-18	46	37	22.0	0.239	630	
D2404-S12-08		12	M20X1.5	24	8	1/2-14	51	42	22.0	0.3	630	
D2404-S12-12		12	M20X1.5	24	16	3/4-14	51	42	30.0	0.337	400	
D2404-S14-06		14	M22X1.5	27	8	3/8-18	49	39	24.0	0.313	630	
D2404-S14-08		14	M22X1.5	27	10	1/2-14	54	44	24.0	0.36	630	
D2404-S16-06		16	M24X1.5	30	8	3/8-18	49	39	27.0	0.372	400	
D2404-S16-08		16	M24X1.5	30	12	1/2-14	54	44	27.0	0.403	400	
D2404-S16-12		16	M24X1.5	30	12	3/4-14	55	45	30.0	0.484	400	
D2404-S20-08		20	M30X2.0	36	12	1/2-14	60	48	32.0	0.617	400	
D2404-S20-12		20	M30X2.0	36	16	3/4-14	60	48	32.0	0.64	400	
D2404-S20-16		20	M30X2.0	36	16	1-11/2	65	53	36.0	0.862	400	
D2404-S25-08		25	M36X2.0	46	12	1/2-14	65	52	41.0	1.091	400	
D2404-S25-12		25	M36X2.0	46	16	3/4-14	65	52	41.0	1.113	400	
D2404-S25-16		25	M36X2.0	46	20	1-11/2	70	57	41.0	1.209	400	
D2404-S25-20		25	M36X2.0	46	20	1-1/4-11-1/2	71	58	46.0	1.546	400	
D2404-S30-12		30	M42X2.0	50	16	3/4-14	68.2	54	46.0	1.331	400	
D2404-S30-16		30	M42X2.0	50	20	1-11/2	73.2	59	46.0	1.429	400	
D2404-S30-20		30	M42X2.0	50	25	1-1/4-11-1/2	74.2	60	46.0	1.552	400	
D2404-S30-24		30	M42X2.0	50	25	1-1/2-11-1/2	74.2	60	50.0	1.824	315	
D2404-S38-16		38	M52X2.0	60	20	1-11/2	79.5	64	55.0	2.133	315	
D2404-S38-20		38	M52X2.0	60	25	1-1/4-11-1/2	80.5	65	55.0	2.253	315	
D2404-S38-24		38	M52X2.0	60	32	1-1/2-11-1/2	80.5	65	55.0	2.211	315	

D2405

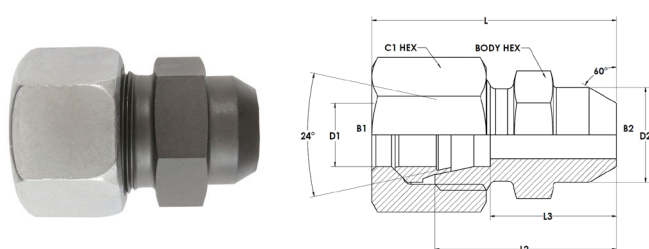
MBT-FP STRAIGHT (GAIV - NPT)



Part #	CODE	B1 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1			B2 FEMALE NPT ASME/ANSI B1.20.1			L1	L2	BODY	WT	BAR
		D1	THREAD	C1	THREAD							
D2405-L10-04	L	10	M16X1.5	19	1/4-18	39	31	19.0	0.149	315		
D2405-S12-06	HEAVY	12	M20X1.5	24	3/8-18	44	35	24.0	0.258	630		
D2405-S16-08		16	M24X1.5	30	1/2-14	53	43	27.0	0.38	400		
D2405-S20-08		20	M30X2.0	36	1/2-14	58	46	32.0	0.669	400		
D2405-S20-12		20	M30X2.0	36	3/4-14	58	46	36.0	0.72	400		

D2425

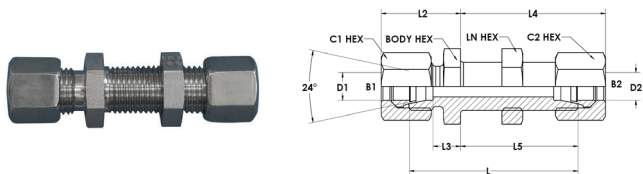
MBT-BUTTWELD ST (GASV)



Part #	CODE	B1 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1			B2 BUTTWELD			L1	L2	BODY	WT	BAR
		D1	THREAD	C1	D2							
D2425-L06-06	LIGHT	6	M12X1.5	14	10	29	21	12	0.0544	500		
D2425-L08-08		8	M14X1.5	17	12	31	23	14	0.078	500		
D2425-L10-10		10	M16X1.5	19	14	33	25	17	0.1034	500		
D2425-L12-12		12	M18X1.5	22	16	33	25	19	0.1291	400		
D2425-L15-15		15	M22X1.5	27	19	37.5	29	22	0.2107	400		
D2425-L18-18		18	M26X1.5	32	22	40.5	31	27	0.3141	400		
D2425-L22-22		22	M30X2.0	36	27	46.5	36	32	0.4426	250		
D2425-L28-28		28	M36X2.0	41	32	49	38	41	0.6189	250		
D2425-L35-35	HEAVY	35	M45X2.0	50	40	55	43	46	0.9196	250		
D2425-L42-42		42	M52X2.0	60	46	58	46	55	1.3279	250		
D2425-S06-06		6	M14X1.5	17	11	34	26	14	0.096	800		
D2425-S08-08		8	M16X1.5	19	13	36	28	17	0.1276	800		
D2425-S10-10		10	M18X1.5	22	15	39	30	19	0.1753	800		
D2425-S12-12		12	M20X1.5	24	17	41	32	22	0.2182	630		
D2425-S14-14		14	M22X1.5	27	19	45	35	24	0.2981	630		
D2425-S16-16		16	M24X1.5	30	21	45	35	27	0.3578	630		
D2425-S20-20		20	M30X2.0	36	26	52	40	32	0.5647	420		
D2425-S25-25		25	M36X2.0	46	31	57	44	41	1.0178	420		
D2425-S30-30		30	M42X2.0	50	36	63	49	46	1.2492	420		
D2425-S38-38		38	M52X2.0	60	44	69.5	54	55	1.855	420		

D2700-LN

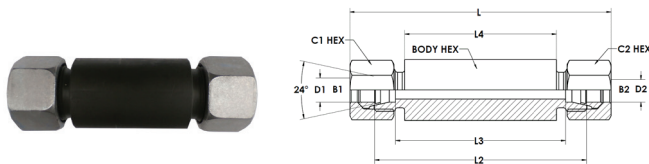
MBT-MBT BULKHEAD STRAIGHT WITH LOCK NUT (GSV)



		B1			B2									
		DIN METRIC TUBE COMPRESSION			DIN METRIC TUBE COMPRESSION BH									
		DIN 2353, ISO 8434-1			DIN 2353, ISO 8434-1									
Part #	CODE	D1	THREAD	C1	D2	THREAD	C2	LN	LOCKNUT	L1	L2	BODY	WT	BAR
D2700-LN-L06-L06	LIGHT	6	M12X1.5	14	6	M12X1.5	14	17.0	M12X1.5	48	22	17.0	0.16	500
D2700-LN-L08-L08		8	M14X1.5	17	8	M14X1.5	17	19.0	M14X1.5	49	23	19.0	0.215	500
D2700-LN-L10-L10		10	M16X1.5	19	10	M16X1.5	19	22.0	M16X1.5	52	25	22.0	0.276	500
D2700-LN-L12-L12		12	M18X1.5	22	12	M18X1.5	22	24.0	M18X1.5	53	25	24.0	0.34	400
D2700-LN-L15-L15		15	M22X1.5	27	15	M22X1.5	27	30.0	M22X1.5	57	27.5	27.0	0.546	400
D2700-LN-L18-L18		18	M26X1.5	32	18	M26X1.5	32	36.0	M26X1.5	61	30.5	32.0	0.816	400
D2700-LN-L22-L22		22	M30X2.0	36	22	M30X2.0	36	41.0	M30X2.0	66	34.5	36.0	1.066	250
D2700-LN-L28-L28		28	M36X2.0	41	28	M36X2.0	41	46.0	M36X2.0	69	37	41.0	1.357	250
D2700-LN-L35-L35		35	M45X2.0	50	35	M45X2.0	50	55.0	M45X2.0	76	41	50.0	2.123	250
D2700-LN-L42-L42		42	M52X2.0	60	42	M52X2.0	60	65.0	M52X2.0	77	42	60.0	3.003	250
D2700-LN-S06-S06	HEAVY	6	M14X1.5	17	6	M14X1.5	17	19.0	M14X1.5	55	27	19.0	0.261	800
D2700-LN-S08-S08		8	M16X1.5	19	8	M16X1.5	19	22.0	M16X1.5	56	28	22.0	0.33	800
D2700-LN-S10-S10		10	M18X1.5	22	10	M18X1.5	22	24.0	M18X1.5	59	31	24.0	0.439	800
D2700-LN-S12-S12		12	M20X1.5	24	12	M20X1.5	24	27.0	M20X1.5	60	31	27.0	0.526	630
D2700-LN-S14-S14		14	M22X1.5	27	14	M22X1.5	27	30.0	M22X1.5	65	35	30.0	0.716	630
D2700-LN-S16-S16		16	M24X1.5	30	16	M24X1.5	30	32.0	M24X1.5	65	35	32.0	0.829	630
D2700-LN-S20-S20		20	M30X2.0	36	20	M30X2.0	36	41.0	M30X2.0	72	40	41.0	1.384	420
D2700-LN-S25-S25		25	M36X2.0	46	25	M36X2.0	46	46.0	M36X2.0	79	45	46.0	2.251	420
D2700-LN-S30-S30		30	M42X2.0	50	30	M42X2.0	50	50.0	M42X2.0	86	49	50.0	2.707	420
D2700-LN-S38-S38		38	M52X2.0	60	38	M52X2.0	60	65.0	M52X2.0	91	53.5	65.0	4.255	420

D2700-WC

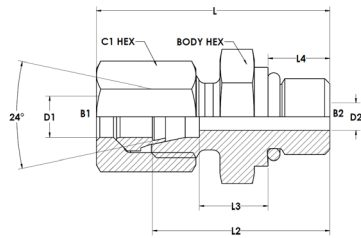
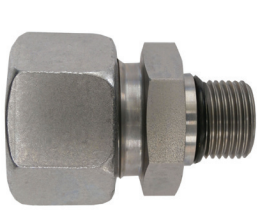
MBT-MBT WELD BULKHEAD STRAIGHT (ESV)



		B1			B2							
		DIN METRIC TUBE COMPRESSION			DIN METRIC TUBE COMPRESSION BH							
		DIN 2353, ISO 8434-1			DIN 2353, ISO 8434-1							
Part #	CODE	D1	THREAD	C1	D2	THREAD	C2	L1	L2	BODY	WT	BAR
D2700-WC-L06-L06	LIGHT	6	M12X1.5	14	6	M12X1.5	14	86	70	18.0	0.295	500
D2700-WC-L08-L08		8	M14X1.5	17	8	M14X1.5	17	86	70	20.0	0.366	500
D2700-WC-L10-L10		10	M16X1.5	19	10	M16X1.5	19	88	72	22.0	0.435	500
D2700-WC-L12-L12		12	M18X1.5	22	12	M18X1.5	22	88	72	25.0	0.549	400
D2700-WC-L15-L15		15	M22X1.5	27	15	M22X1.5	27	101	84	28.0	0.833	400
D2700-WC-L18-L18		18	M26X1.5	32	18	M26X1.5	32	103	84	32.0	1.097	400
D2700-WC-L22-L22		22	M30X2.0	36	22	M30X2.0	36	109	88	36.0	1.362	250
D2700-WC-L28-L28		28	M36X2.0	41	28	M36X2.0	41	110	88	40.0	1.554	250
D2700-WC-L35-L35		35	M45X2.0	50	35	M45X2.0	50	116	92	50.0	2.444	250
D2700-WC-L42-L42		42	M52X2.0	60	42	M52X2.0	60	116	92	60.0	3.492	250
D2700-WC-S06-S06	HEAVY	6	M14X1.5	17	6	M14X1.5	17	90	74	20.0	0.408	800
D2700-WC-S08-S08		8	M16X1.5	19	8	M16X1.5	19	90	74	22.0	0.486	800
D2700-WC-S10-S10		10	M18X1.5	22	10	M18X1.5	22	92	74	25.0	0.629	800
D2700-WC-S12-S12		12	M20X1.5	24	12	M20X1.5	24	92	74	28.0	0.761	630
D2700-WC-S14-S14		14	M22X1.5	27	14	M22X1.5	27	108	88	30.0	1.048	630
D2700-WC-S16-S16		16	M24X1.5	30	16	M24X1.5	30	108	88	35.0	1.357	630
D2700-WC-S20-S20		20	M30X2.0	36	20	M30X2.0	36	116	92	38.0	1.732	420
D2700-WC-S25-S25		25	M36X2.0	46	25	M36X2.0	46	122	96	45.0	2.714	420
D2700-WC-S30-S30		30	M42X2.0	50	30	M42X2.0	50	128	100	50.0	3.183	420
D2700-WC-S38-S38		38	M52X2.0	60	38	M52X2.0	60	135	104	60.0	4.566	420

D6400-0

MBT-MORB STRAIGHT (GEV - UNO)

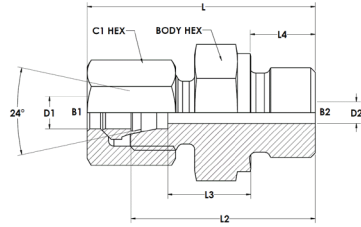
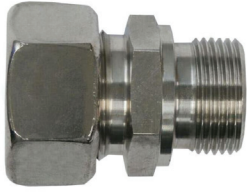


		B1 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1				B2 MALE SAE O-RING BOSS ISO 11926, ASME/ANSI B 1.20.1								B1 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1				B2 MALE SAE O-RING BOSS ISO 11926, ASME/ANSI B 1.20.1																				
Part #	CODE	D1	THREAD	C1	D2	THREAD	C2	L1	L2	BODY	WT	BAR	Part #	CODE	D1	THREAD	C1	D2	THREAD	C2	L1	L2	BODY	WT	BAR	Part #	CODE	D1	THREAD	C1	D2	THREAD	C2	L1	L2	BODY	WT	BAR
D6400-L06-04-O	LIGHT	6	M12X1.5	14	4	7/16-20 UNF		34	26	17	0.0772	400	D6400-L28-20-O	LIGHT	28	M36X2.0	41	24	1-5/8-12 UN		51	40	50	0.862	250	D6400-L28-20-O	LIGHT	28	M36X2.0	41	24	1-5/8-12 UN		51	40	50	0.862	250
D6400-L06-06-O		6	M12X1.5	14	4	9/16-18 UNF		35	27	19	0.0904	400	D6400-L35-16-O		35	M45X2.0	50	21.5	1-5/16-12 UN		55	43	46	0.9193	250	D6400-L35-16-O		35	M45X2.0	50	21.5	1-5/16-12 UN		55	43	46	0.9193	250
D6400-L08-04-O		8	M14X1.5	17	4.5	7/16-20 UNF		34	26	17	0.0926	400	D6400-L35-20-O		35	M45X2.0	50	27.5	1-5/8-12 UN		55	43	50	1.0362	250	D6400-L35-20-O		35	M45X2.0	50	27.5	1-5/8-12 UN		55	43	50	1.0362	250
D6400-L08-05-O		8	M14X1.5	17	6	1/2-20 UNF		36	28	17	0.1036	400	D6400-L42-16-O		42	M52X2.0	60	21.5	1-5/16-12 UN		57	45	55	1.3206	250	D6400-L42-16-O		42	M52X2.0	60	21.5	1-5/16-12 UN		57	45	55	1.3206	250
D6400-L08-06-O		8	M14X1.5	17	6	9/16-18 UNF		35	27	19	0.108	400	D6400-L42-20-O	42	M52X2.0	60	27.5	1-5/8-12 UN		57	45	55	1.3757	250	D6400-L42-20-O	42	M52X2.0	60	27.5	1-5/8-12 UN		57	45	55	1.3757	250		
D6400-L10-04-O		10	M16X1.5	19	4.5	7/16-20 UNF		35	27	17	0.1058	400	D6400-L42-24-O	42	M52X2.0	60	33.5	1-7/8-12 UN		57	45	55	1.4043	250	D6400-L42-24-O	42	M52X2.0	60	33.5	1-7/8-12 UN		57	45	55	1.4043	250		
D6400-L10-05-O		10	M16X1.5	19	5	1/2-20 UNF		35	27.2	17	0.1124	400	D6400-S06-04-O	HEAVY	6	M14X1.5	17	4	7/16-20 UNF		36	28	17	0.1036	630	D6400-S06-04-O	HEAVY	6	M14X1.5	17	4	7/16-20 UNF		36	28	17	0.1036	630
D6400-L10-06-O		10	M16X1.5	19	7.5	9/16-18 UNF		36	28	19	0.119	400	D6400-S08-04-O		8	M16X1.5	19	4.5	7/16-20 UNF		37	29	17	0.119	630	D6400-S08-04-O		8	M16X1.5	19	4.5	7/16-20 UNF		37	29	17	0.119	630
D6400-L10-08-O		10	M16X1.5	19	8	3/4-16 UNF		39	31	24	0.1764	400	D6400-S08-05-O		8	M16X1.5	19	5	1/2-20 UNF		41	33	17	0.1411	630	D6400-S08-05-O		8	M16X1.5	19	5	1/2-20 UNF		41	33	17	0.1411	630
D6400-L10-10-O		10	M16X1.5	19	8	7/8-14 UNF		40.5	32.5	27	0.2006	400	D6400-S10-06-O		10	M18X1.5	22	7	9/16-18 UNF		41	32	19	0.1698	630	D6400-S10-06-O		10	M18X1.5	22	7	9/16-18 UNF		41	32	19	0.1698	630
D6400-L12-04-O		12	M18X1.5	22	4.5	7/16-20 UNF		36	28	19	0.1367	400	D6400-S10-08-O		10	M18X1.5	22	7	3/4-16 UNF		45.5	36.5	22	0.2359	630	D6400-S10-08-O		10	M18X1.5	22	7	3/4-16 UNF		45.5	36.5	22	0.2359	630
D6400-L12-06-O		12	M18X1.5	22	7.5	9/16-18 UNF		36	28	19	0.1411	400	D6400-S12-06-O		12	M20X1.5	24	7.5	9/16-18 UNF		45	36	24	0.2337	630	D6400-S12-06-O		12	M20X1.5	24	7.5	9/16-18 UNF		45	36	24	0.2337	630
D6400-L12-08-O		12	M18X1.5	22	10	3/4-16 UNF		39	31	24	0.1852	400	D6400-S12-08-O		12	M20X1.5	24	8	3/4-16 UNF		45	36	24	0.2535	630	D6400-S12-08-O		12	M20X1.5	24	8	3/4-16 UNF		45	36	24	0.2535	630
D6400-L12-10-O		12	M18X1.5	22	10	7/8-14 UNF		42	34	27	0.2447	400	D6400-S12-10-O		12	M20X1.5	24	8	7/8-14 UNF		50	41	27	0.3175	630	D6400-S12-10-O		12	M20X1.5	24	8	7/8-14 UNF		50	41	27	0.3175	630
D6400-L15-06-O		15	M22X1.5	27	7.5	9/16-18 UNF		39.5	31	24	0.2227	400	D6400-S16-08-O		16	M24X1.5	30	10	3/4-16 UNF		46	36	24	0.3263	630	D6400-S16-08-O		16	M24X1.5	30	10	3/4-16 UNF		46	36	24	0.3263	630
D6400-L15-08-O		15	M22X1.5	27	10	3/4-16 UNF		40.5	32	24	0.2447	400	D6400-S16-10-O		16	M24X1.5	30	12	7/8-14 UNF		49.5	39.7	27	0.3748	630	D6400-S16-10-O		16	M24X1.5	30	12	7/8-14 UNF		49.5	39.7	27	0.3748	630
D6400-L15-10-O		15	M22X1.5	27	12	7/8-14 UNF		43	34.7	27	0.2844	400	D6400-S16-12-O		16	M24X1.5	30	12	1-1/16-12 UN		57.5	47.5	32	0.5313	400	D6400-S16-12-O		16	M24X1.5	30	12	1-1/16-12 UN		57.5	47.5	32	0.5313	400
D6400-L15-12-O		15	M22X1.5	27	12	1-1/16-12 UN		48.5	40	32	0.4255	400	D6400-S20-08-O		20	M30X2.0	36	10	3/4-16 UNF		54	42	32	0.5467	400	D6400-S20-08-O		20	M30X2.0	36	10	3/4-16 UNF		54	42	32	0.5467	400
D6400-L18-08-O		18	M26X1.5	32	10	3/4-16 UNF		42.5	33	27	0.3219	400	D6400-S20-10-O	20	M30X2.0	36	12.5	7/8-14 UNF		56	44	32	0.5688	400	D6400-S20-10-O	20	M30X2.0	36	12.5	7/8-14 UNF		56	44	32	0.5688	400		
D6400-L18-10-O		18	M26X1.5	32	14	7/8-14 UNF		44	34.7	27	0.3351	400	D6400-S20-12-O	20	M30X2.0	36	15.5	1-1/16-12 UN		58	46	32	0.6129	400	D6400-S20-12-O	20	M30X2.0	36	15.5	1-1/16-12 UN		58	46	32	0.6129	400		
D6400-L18-12-O		18	M26X1.5	32	15	1-1/16-12 UN		46.5	37	32	0.4233	250	D6400-S20-16-O	20	M30X2.0	36	16	1-5/16-12 UN		58	46	41	0.7981	400	D6400-S20-16-O	20	M30X2.0	36	16	1-5/16-12 UN		58	46	41	0.7981	400		
D6400-L22-08-O		22	M30X2.0	36	10	3/4-16 UNF		50.5	40	32	0.4894	250	D6400-S25-12-O	25	M36X2.0	46	15.5	1-1/16-12 UN		63	50	36	0.9766	400	D6400-S25-12-O	25	M36X2.0	46	15.5	1-1/16-12 UN		63	50	36	0.9766	400		
D6400-L22-10-O		22	M30X2.0	36	14	7/8-14 UNF		47.5	37	32	0.4387	250	D6400-S25-16-O	25	M36X2.0	46	20	1-5/16-12 UN		63	50	41	1.0825	400	D6400-S25-16-O	25	M36X2.0	46	20	1-5/16-12 UN		63	50	41	1.0825	400		
D6400-L22-12-O		22	M30X2.0	36	15.5	1-1/16-12 UN		49.5	39	32	0.4894	250	D6400-S30-12-O	30	M42X2.0	50	15.5	1-1/16-12 UN		66	52	50	1.2809	400	D6400-S30-12-O	30	M42X2.0	50	15.5	1-1/16-12 UN		66	52	50	1.2809	400		
D6400-L22-16-O		22	M30X2.0	36	19	1-5/16-12 UN		50.5	40	41	0.6327	250	D6400-S30-16-O	30	M42X2.0	50	21.5	1-5/16-12 UN		66	52	46	1.2456	400	D6400-S30-16-O	30	M42X2.0	50	21.5	1-5/16-12 UN		66	52	46	1.2456	400		
D6400-L28-10-O		28	M36X2.0	41	12.5	7/8-14 UNF		48.5	37.7	41	0.5798	250	D6400-S30-20-O	30	M42X2.0	50	25	1-5/8-12 UN		66	52	50	1.4176	400	D6400-S30-20-O	30	M42X2.0	50	25	1-5/8-12 UN		66	52	50	1.4176	400		
D6400-L28-12-O		28	M36X2.0	41	15.5	1-1/16-12 UN		51	40	41	0.6283	250	D6400-S30-24-O	30	M42X2.0	50	25	1-7/8-12 UN		69.5	55.5	55	1.7968	315	D6400-S30-24-O	30	M42X2.0	50	25	1-7/8-12 UN		69.5	55.5	55	1.7968	315		
D6400-L28-16-O		28	M36X2.0	41	21.5	1-5/16-12 UN		51	40	41	0.6526	250	D6400-S38-20-O	38	M52X2.0	60	27.5	1-5/8-12 UN	22	72.5	57	55	1.9246	315	D6400-S38-20-O	38	M52X2.0	60	27.5	1-5/8-12 UN	22	72.5	57	55	1.9246	315		
Continued...												D6400-S38-24-O	38	M52X2.0	60	32	1-7/8-12 UN		72.5	57	55	2.0305	315	D6400-S38-24-O	38	M52X2.0	60	32	1-7/8-12 UN		72.5	57	55	2.0305	315			

D7400-CF

MBT-MBSPP CF STRAIGHT

MBSPP ISO 1179-4 FORM B METAL SEALING EDGE (GEV R)



		B1			B2						
		DIN METRIC TUBE COMPRESSION			MALE BSPP FORM B						
		DIN 2353, ISO 8434-1			ISO 1179-4, ISO 8434-6, BS 5200						
Part #	CODE	D1	THREAD	C1	D2	THREAD	L1	L2	BODY	WT	BAR
D7400-E04-02-CF	EXTRA LIGHT	4	M08X1.0	10	3	1/8-28	27.5	21.5	14	0.0391	100
D7400-E06-02-CF		6	M10X1.0	12	4	1/8-28	27.5	21.5	14	0.0434	100
D7400-E08-02-CF		8	M12X1.0	14	4	1/8-28	28.5	22.5	14	0.0517	100
D7400-E10-04-CF		10	M14X1.0	17	7	1/4-19	33.8	28	19	0.0944	100
D7400-L06-02-CF	LIGHT	6	M12X1.5	14	4	1/8-28	31.5	23.5	14	0.0623	315
D7400-L06-04-CF		6	M12X1.5	14	4	1/4-19	37	29	19	0.0972	315
D7400-L06-06-CF		6	M12X1.5	14	4	3/8-19	38.5	30.5	22	0.1258	315
D7400-L06-08-CF		6	M12X1.5	14	4	1/2-14	41	33	27	0.1824	315
D7400-L08-02-CF		8	M14X1.5	17	4	1/8-28	32.5	24.5	14	0.0816	315
D7400-L08-04-CF		8	M14X1.5	17	6	1/4-19	37	29	19	0.1079	315
D7400-L08-06-CF		8	M14X1.5	17	6	3/8-19	38.5	30.5	22	0.1471	315
D7400-L08-08-CF		8	M14X1.5	17	6	1/2-14	41	33	27	0.2131	315
D7400-L08-12-CF		8	M14X1.5	17	6	3/4-14	44	36	32	0.265	315
D7400-L10-02-CF		10	M16X1.5	19	4	1/8-28	33.5	25.5	17	0.1007	315
D7400-L10-04-CF		10	M16X1.5	19	6	1/4-19	38	30	19	0.1241	315
D7400-L10-06-CF		10	M16X1.5	19	8	3/8-19	39.5	31.5	22	0.1541	315
D7400-L10-08-CF		10	M16X1.5	19	8	1/2-14	42	34	27	0.2191	315
D7400-L10-12-CF		10	M16X1.5	19	8	3/4-14	45.5	37.5	32	0.2703	315
D7400-L12-02-CF		12	M18X1.5	22	4	1/8-28	34.5	26.5	19	0.1286	315
D7400-L12-04-CF		12	M18X1.5	22	6	1/4-19	39	31	19	0.1444	315
D7400-L12-06-CF		12	M18X1.5	22	9	3/8-19	39.5	31.5	22	0.1704	315
D7400-L12-08-CF		12	M18X1.5	22	10	1/2-14	42	34	27	0.228	315
D7400-L12-12-CF		12	M18X1.5	22	10	3/4-14	45	37	32	0.3453	315
D7400-L15-04-CF		15	M22X1.5	27	7	1/4-19	40.5	32	24	0.2224	315
D7400-L15-06-CF		15	M22X1.5	27	9	3/8-19	41	32.5	24	0.2388	315
D7400-L15-08-CF		15	M22X1.5	27	12	1/2-14	43.5	35	27	0.2713	315
D7400-L15-12-CF		15	M22X1.5	27	12	3/4-14	46.5	38	32	0.3435	250
D7400-L15-16-CF		15	M22X1.5	27	12	1-11	49.5	41	41	0.5016	160
D7400-L18-06-CF		18	M26X1.5	32	9	3/8-19	43	33.5	27	0.3125	250
D7400-L18-08-CF		18	M26X1.5	32	14	1/2-14	45.5	36	27	0.33	250
D7400-L18-12-CF		18	M26X1.5	32	15	3/4-14	47.5	38	32	0.4237	250
D7400-L18-16-CF		18	M26X1.5	32	15	1-11	49.5	40	41	0.5356	160

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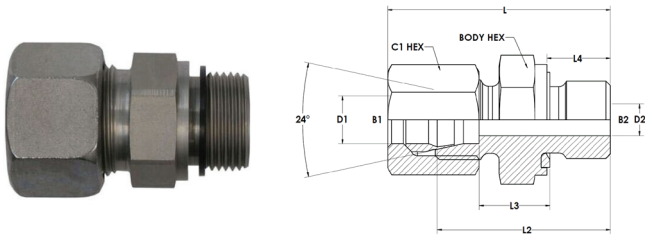
		B1 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1				B2 MALE BSPP FORM B ISO 1179-4, ISO 8434-6, BS 5200					
Part #	CODE	D1	THREAD	C1	D2	THREAD	L1	L2	BODY	WT	BAR
D7400-L22-08-CF	LIGHT	22	M30X2.0	36	14	1/2-14	48.5	38	32	0.4234	160
D7400-L22-12-CF		22	M30X2.0	36	18	3/4-14	50.5	40	32	0.4657	160
D7400-L22-16-CF		22	M30X2.0	36	19	1-11	53.5	43	41	0.6567	160
D7400-L22-20-CF		22	M30X2.0	36	19	1-1/4-11	55.5	45	50	0.8156	160
D7400-L28-08-CF		28	M36X2.0	41	14	1/2-14	50	39	41	0.5742	160
D7400-L28-12-CF		28	M36X2.0	41	18	3/4-14	52	41	41	0.5944	160
D7400-L28-16-CF		28	M36X2.0	41	23	1-11	54	43	41	0.653	160
D7400-L28-20-CF		28	M36X2.0	41	24	1-1/4-11	57	46	50	0.8813	160
D7400-L28-24-CF		28	M36X2.0	41	24	1-1/2-11	61	50	55	1.0921	160
D7400-L35-12-CF		35	M45X2.0	50	18	3/4-14	56	44	46	0.8768	160
D7400-L35-16-CF		35	M45X2.0	50	23	1-11	58	46	46	0.9216	160
D7400-L35-20-CF		35	M45X2.0	50	30	1-1/4-11	60	48	50	1.0388	160
D7400-L35-24-CF		35	M45X2.0	50	30	1-1/2-11	64	52	55	1.3764	160
D7400-L35-32-CF		35	M45X2.0	50		2-11	71	59	70	2.4855	160
D7400-S06-02-CF	HEAVY	6	M14X1.5	17	4	1/8-28	36	28	17	0.1075	400
D7400-S06-04-CF		6	M14X1.5	17	4	1/4-19	40	32	19	0.1319	400
D7400-S06-06-CF		6	M14X1.5	17	4	3/8-19	42.5	34.5	22	0.168	400
D7400-S06-08-CF		6	M14X1.5	17	4	1/2-14	47	39	27	0.2662	400
D7400-S08-02-CF		8	M16X1.5	19		1/8-28	37.5	29.5	17	0.1301	400
D7400-S08-04-CF		8	M16X1.5	19	5	1/4-19	42	34	19	0.1532	400
D7400-S08-06-CF		8	M16X1.5	19	5	3/8-19	42.5	34.5	22	0.1913	400
D7400-S08-08-CF		8	M16X1.5	19	5	1/2-14	47	39	27	0.286	400
D7400-S10-04-CF		10	M18X1.5	22	5	1/4-19	43	34	19	0.1841	400
D7400-S10-06-CF		10	M18X1.5	22	7	3/8-19	43.5	34.5	22	0.2134	400
D7400-S10-08-CF		10	M18X1.5	22	7	1/2-14	48	39	27	0.3067	400
D7400-S12-04-CF		12	M20X1.5	24	5	1/4-19	45	36	22	0.229	400
D7400-S12-06-CF		12	M20X1.5	24	8	3/8-19	45.5	36.5	22	0.2372	400
D7400-S12-08-CF		12	M20X1.5	24	8	1/2-14	48	39	27	0.3169	400
D7400-S12-12-CF		12	M20X1.5	24	8	3/4-14	52	43	32	0.4677	400
D7400-S14-04-CF		14	M22X1.5	27	5	1/4-19	46	36	22	0.2719	400
D7400-S14-06-CF		14	M22X1.5	27	8	3/8-19	48.5	38.5	22	0.2998	400
D7400-S14-08-CF		14	M22X1.5	27	10	1/2-14	51	41	27	0.3634	400
D7400-S14-12-CF		14	M22X1.5	27	10	3/4-14	55	45	32	0.5122	400
D7400-S16-04-CF		16	M24X1.5	30	5	1/4-19	48.5	38.5	24	0.3395	400
D7400-S16-06-CF		16	M24X1.5	30	8	3/8-19	48.5	38.5	27	0.3696	400
D7400-S16-08-CF		16	M24X1.5	30	12	1/2-14	51	41	27	0.3843	400
D7400-S16-12-CF		16	M24X1.5	30	12	3/4-14	55	45	32	0.5307	400
D7400-S16-16-CF		16	M24X1.5	30	12	1-11	59	49	41	0.7562	400
D7400-S20-08-CF		20	M30X2.0	36	12	1/2-14	57	45	32	0.5877	400
D7400-S20-12-CF		20	M30X2.0	36	16	3/4-14	59	47	32	0.6238	400
D7400-S20-16-CF		20	M30X2.0	36	16	1-11	63	51	41	0.8677	250
D7400-S20-20-CF		20	M30X2.0	36	16	1-1/4-11	65	53	50	1.1987	160

More sizes available @brennaninc.com or contact 888.331.1523 for more details

D7400-ED

MBT-MBSPP ED STRAIGHT

MBSPP ISO 1179-2 FORM E ELASTOMERIC SEAL DIN 3869 (GEV R - WD)



Part #	CODE	B1 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1			B2 MALE BSPP FORM E CAPTIVE SEAL ISO 1179-4, ISO 8434-6, BS 5200			L1	L2	BODY	WT	BAR
		D1	THREAD	C1	D2	THREAD						
D7400-L06-02-ED	LIGHT	6	M12X1.5	14	4	1/8-28	31.5	23.5	14	0.062	500	
D7400-L06-04-ED		6	M12X1.5	14	4	1/4-19	37	29	19	0.0966	500	
D7400-L06-06-ED		6	M12X1.5	14	4	3/8-19	38.5	30.5	22	0.1246	500	
D7400-L06-08-ED		6	M12X1.5	14	4	1/2-14	41	33	27	0.1797	500	
D7400-L08-02-ED		8	M14X1.5	17	4	1/8-28	32.5	24.5	14	0.0813	500	
D7400-L08-04-ED		8	M14X1.5	17	6	1/4-19	37	29	19	0.1073	500	
D7400-L08-06-ED		8	M14X1.5	17	6	3/8-19	38.5	30.5	22	0.146	500	
D7400-L08-08-ED		8	M14X1.5	17	6	1/2-14	41	33	27	0.1985	500	
D7400-L10-02-ED		10	M16X1.5	19	4	1/8-28	33.5	25.5	17	0.1018	500	
D7400-L10-04-ED		10	M16X1.5	19	6	1/4-19	38	30	19	0.1235	500	
D7400-L10-06-ED		10	M16X1.5	19	8	3/8-19	39.5	31.5	22	0.1529	500	
D7400-L10-08-ED		10	M16X1.5	19	8	1/2-14	42	34	27	0.2193	500	
D7400-L10-12-ED		10	M16X1.5	19	8	3/4-14	45	37	32	0.2712	400	
D7400-L12-02-ED		12	M18X1.5	22	4	1/8-28	34.5	26.5	19	0.1308	400	
D7400-L12-04-ED		12	M18X1.5	22	6	1/4-19	39	31	19	0.1439	400	
D7400-L12-06-ED		12	M18X1.5	22	9	3/8-19	39.5	31.5	22	0.1693	400	
D7400-L12-08-ED		12	M18X1.5	22	10	1/2-14	42	34	27	0.2281	400	
D7400-L12-12-ED		12	M18X1.5	22	10	3/4-14	45	37	32	0.2882	400	
D7400-L15-04-ED		15	M22X1.5	27	7	1/4-19	40.5	32	24	0.2222	400	
D7400-L15-06-ED		15	M22X1.5	27	9	3/8-19	41	32.5	24	0.2378	400	
D7400-L15-08-ED		15	M22X1.5	27	12	1/2-14	43.5	35	27	0.2715	400	
D7400-L15-12-ED		15	M22X1.5	27	12	3/4-14	46.5	38	32	0.3848	400	
D7400-L15-16-ED		15	M22X1.5	27	12	1-11	51	42.5	41	0.6359	315	
D7400-L18-04-ED	HEAVY	18	M26X1.5	32	6	1/4-19	43	33.5	27	0.3095	400	
D7400-L18-06-ED		18	M26X1.5	32	9	3/8-19	43	33.5	27	0.3227	400	
D7400-L18-08-ED		18	M26X1.5	32	14	1/2-14	45.5	36	27	0.3302	400	
D7400-L18-12-ED		18	M26X1.5	32	15	3/4-14	47.5	38	32	0.4212	400	
D7400-L18-16-ED		18	M26X1.5	32	15	1-11	50.5	41	41	0.5385	315	
D7400-L22-08-ED		22	M30X2.0	36	14	1/2-14	48.5	38	32	0.4272	250	
D7400-L22-12-ED		22	M30X2.0	36	18	3/4-14	50.5	40	32	0.4635	250	
D7400-L22-16-ED		22	M30X2.0	36	19	1-11	53.5	43	41	0.6545	250	
D7400-L22-20-ED		22	M30X2.0	36	19	1-1/4-11	55.5	45	50	0.9781	250	

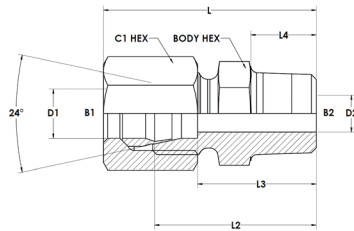
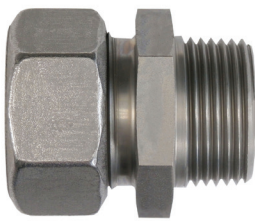
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Part #	CODE	B1 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1			B2 MALE BSPP FORM E CAPTIVE SEAL ISO 1179-4, ISO 8434-6, BS 5200			L1	L2	BODY	WT	BAR
		D1	THREAD	C1	D2	THREAD						
D7400-L28-08-ED	LIGHT	28	M36X2.0	41	14	1/2-14	50	39	41	0.5754	250	
D7400-L28-12-ED		28	M36X2.0	41	18	3/4-14	52	41	41	0.6047	250	
D7400-L28-16-ED		28	M36X2.0	41	23	1-11	54	43	41	0.6505	250	
D7400-L28-20-ED		28	M36X2.0	41	24	1-1/4-11	56	45	50	0.8537	250	
D7400-L35-08-ED		35	M45X2.0	50	14	1/2-14	54	42	46	0.8454	250	
D7400-L35-12-ED		35	M45X2.0	50	18	3/4-14	56	44	46	0.8762	250	
D7400-L35-16-ED		35	M45X2.0	50	23	1-11	58	46	46	0.9199	250	
D7400-L35-20-ED		35	M45X2.0	50	30	1-1/4-11	60	48	50	1.0366	250	
D7400-L35-24-ED		35	M45X2.0	50	30	1-1/2-11	64	52	55	1.3727	250	
D7400-S06-02-ED		6	M14X1.5	17	4	1/8-28	36	28	17	0.107	630	
D7400-S06-04-ED	HEAVY	6	M14X1.5	17	4	1/4-19	40	32	19	0.131	630	
D7400-S06-06-ED		6	M14X1.5	17	4	3/8-19	42.5	34.5	22	0.1794	630	
D7400-S06-08-ED		6	M14X1.5	17	4	1/2-14	47	39	27	0.2401	630	
D7400-S08-02-ED		8	M16X1.5	19	4	1/8-28	37.5	29.5	19	0.1365	630	
D7400-S08-04-ED		8	M16X1.5	19	5	1/4-19	42	34	19	0.1528	630	
D7400-S08-06-ED		8	M16X1.5	19	5	3/8-19	42.5	34.5	22	0.1904	630	
D7400-S08-08-ED		8	M16X1.5	19	5	1/2-14	47	39	27	0.2866	630	
D7400-S08-12-ED		8	M16X1.5	19	5	3/4-14	49	41	32	0.3341	630	
D7400-S10-02-ED		10	M18X1.5	22	4	1/8-28	39	30	19	0.1705	630	
D7400-S10-04-ED		10	M18X1.5	22	5	1/4-19	43	34	19	0.1837	630	
D7400-S10-06-ED		10	M18X1.5	22	7	3/8-19	43.5	34.5	22	0.2125	630	
D7400-S10-08-ED		10	M18X1.5	22	7	1/2-14	48	39	27	0.3083	630	
D7400-S12-04-ED		12	M20X1.5	24	5	1/4-19	45	36	22	0.2231	630	
D7400-S12-06-ED		12	M20X1.5	24	8	3/8-19	45.5	36.5	22	0.2364	630	
D7400-S12-08-ED		12	M20X1.5	24	8	1/2-14	48	39	27	0.3175	630	
D7400-S12-12-ED		12	M20X1.5	24	8	3/4-14	50	41	32	0.3927	400	
D7400-S14-06-ED		14	M22X1.5	27	8	3/8-19	48.5	38.5	24	0.3128	630	
D7400-S14-08-ED		14	M22X1.5	27	10	1/2-14	51	41	27	0.3641	630	
D7400-S14-12-ED		14	M22X1.5	27	10	3/4-14	55	45	32	0.4824	400	
D7400-S16-04-ED		16	M24X1.5	30	7	1/4-19	48	38	27	0.3583	400	
D7400-S16-06-ED		16	M24X1.5	30	8	3/8-19	48.5	38.5	27	0.3691	400	
D7400-S16-08-ED		16	M24X1.5	30	12	1/2-14	51	41	27	0.3848	400	
D7400-S16-12-ED		16	M24X1.5	30	12	3/4-14	55	45	32	0.5292	400	
D7400-S16-16-ED		16	M24X1.5	30	12	1-11	59	49	41	0.7548	400	
D7400-S20-06-ED		20	M30X2.0	36	8	3/8-19	54.5	42.5	32	0.5684	400	
D7400-S20-08-ED		20	M30X2.0	36	12	1/2-14	57	45	32	0.5919	400	
D7400-S20-12-ED		20	M30X2.0	36	16	3/4-14	59	47	32	0.6222	400	
D7400-S20-16-ED		20	M30X2.0	36	16	1-11	63	51	41	0.9048	400	
D7400-S20-20-ED		20	M30X2.0	36	16	1-1/4-11	65	53	50	1.3049	400	
D7400-S25-08-ED		25	M36X2.0	46	12	1/2-14	62	49	41	1.0604	400	
D7400-S25-12-ED		25	M36X2.0	46	16	3/4-14	64	51	41	1.0865	400	
D7400-S25-16-ED		25	M36X2.0	46	20	1-11	66	53	41	1.1405	400	
D7400-S25-20-ED		25	M36X2.0	46	20	1-1/4-11	68	55	50	1.4504	400	
D7400-S25-24-ED		25	M36X2.0	46	20	1-1/2-11	73	60	55	1.7784	400	
D7400-S30-12-ED		30	M42X2.0	50	16	3/4-14	67	53	46	1.2992	400	

More sizes available @brennaninc.com or contact 888.331.1523 for more details

D7404

MBT-MBSPT STRAIGHT (GEV R - KEG)



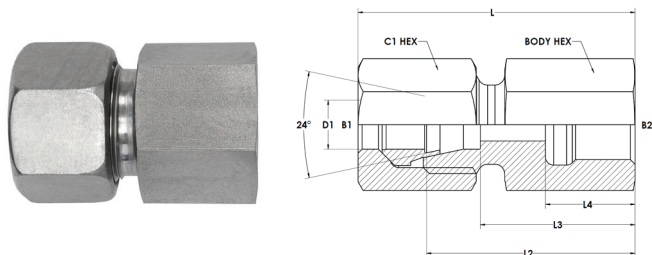
Part #	CODE	B1 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1			B2 MALE BSPT DIN 3852-2 FORM C			L1	L2	BODY	WT	BAR
		D1	THREAD	C1	D2	THREAD						
D7404-E04-02	EXTRA LIGHT	4	M08X1.0	10	3	1/8-28	26	20	10	0.0305	100	
D7404-E06-02		6	M10X1.0	12	4.5	1/8-28	26	20	11	0.0354	100	
D7404-E06-04		6	M10X1.0	12		1/4-19	32	26	14	0.0619	100	
D7404-E08-02		8	M12X1.0	14	4.5	1/8-28	28	22	12	0.0468	100	
D7404-E08-04		8	M12X1.0	14	6	1/4-19	32	26	14	0.063	100	
D7404-E10-04		10	M14X1.0	17	7	1/4-19	31.8	26	14	0.0734	100	
D7404-E12-04		12	M16X1.0	19		1/4-19	33.3	26	17	0.0892	100	
D7404-E12-06		12	M16X1.0	19		3/8-19	33.3	26	19	0.0977	100	
D7404-L06-02	LIGHT	6	M12X1.5	14	4	1/8-28	30	22	12	0.0565	315	
D7404-L06-04		6	M12X1.5	14	4	1/4-19	35	27	14	0.0793	315	
D7404-L06-06		6	M12X1.5	14	4	3/8-19	36	28	19	0.1017	315	
D7404-L06-08		6	M12X1.5	14	4	1/2-14	38	30	22	0.1424	315	
D7404-L08-02		8	M14X1.5	17	4	1/8-28	33	25	14	0.0843	315	
D7404-L08-04		8	M14X1.5	17	6	1/4-19	35	27	14	0.0904	315	
D7404-L08-06		8	M14X1.5	17	6	3/8-19	36	28	19	0.1246	315	
D7404-L08-08		8	M14X1.5	17	6	1/2-14	38	30	24	0.1628	315	
D7404-L10-02		10	M16X1.5	19	4	1/8-28	32	24	17	0.1	315	
D7404-L10-04		10	M16X1.5	19	7	1/4-19	36	28	17	0.1099	315	
D7404-L10-06		10	M16X1.5	19	8	3/8-19	36	28	19	0.128	315	
D7404-L10-08		10	M16X1.5	19	8	1/2-14	38	30	24	0.1802	315	
D7404-L12-04		12	M18X1.5	22	7	1/4-19	37	29	19	0.1411	315	
D7404-L12-06		12	M18X1.5	22	9	3/8-19	37	29	19	0.1494	315	
D7404-L12-08		12	M18X1.5	22	10	1/2-14	39	31	22	0.1899	315	
D7404-L15-06		15	M22X1.5	27	9	3/8-19	38.5	30	24	0.2288	315	
D7404-L15-08		15	M22X1.5	27	12	1/2-14	40.5	32	24	0.2433	315	
D7404-L15-12		15	M22X1.5	27	12	3/4-14	44.5	36	27	0.2893	160	
D7404-L18-06		18	M26X1.5	32	9	3/8-19	40.5	31	27	0.3112	315	

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Part #	CODE	B1 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1			B2 MALE BSPT DIN 3852-2 FORM C			L1	L2	BODY	WT	BAR
		D1	THREAD	C1	D2	THREAD						
D7404-L18-08	LIGHT	18	M26X1.5	32	14	1/2-14	42.5	33	27	0.3177	160	
D7404-L18-12		18	M26X1.5	32	14	3/4-14	45.5	36	32	0.4073	160	
D7404-L22-08		22	M30X2.0	36	14	1/2-14	48.5	38	32	0.4577	160	
D7404-L22-12		22	M30X2.0	36	18	3/4-14	47.5	37	32	0.4555	160	
D7404-L22-16		22	M30X2.0	36	19	1-11	51.5	41	36	0.5968	160	
D7404-L28-12		28	M36X2.0	41	19	3/4-14	49	38	41	0.594	160	
D7404-L28-16		28	M36X2.0	41	24	1-11	51	40	41	0.6309	160	
D7404-L28-20		28	M36X2.0	41	24	1-1/4-11	54	43	46	0.8764	160	
D7404-L35-16		35	M45X2.0	50	19	1-11	57	45	46	0.9483	160	
D7404-L35-20		35	M45X2.0	50	30	1-1/4-11	57	45	46	0.9513	160	
D7404-L35-24		35	M45X2.0	50	30	1-1/2-11	61	49	50	1.2329	160	
D7404-L42-20		42	M52X2.0	60	30	1-1/4-11	59	47	55	1.3527	160	
D7404-L42-24		42	M52X2.0	60	36	1-1/2-11	61	49	55	1.3706	160	
D7404-S06-04	HEAVY	6	M14X1.5	17	4	1/4-19	38	30	17	0.1198	630	
D7404-S08-04		8	M16X1.5	19	5	1/4-19	37	29	17	0.1273	630	
D7404-S10-06		10	M18X1.5	22	7	3/8-19	41	32	19	0.1877	630	
D7404-S12-06		12	M20X1.5	24	8	3/8-19	43	34	22	0.2266	630	
D7404-S12-08		12	M20X1.5	24	8	1/2-14	43	34	22	0.2491	630	
D7404-S14-06		14	M22X1.5	27	8	3/8-19	44.5	34.5	24	0.2872	630	
D7404-S14-08		14	M22X1.5	27	10	1/2-14	45	35	24	0.3028	630	
D7404-S16-06		16	M24X1.5	30	9	3/8-19	42	32	27	0.3201	400	
D7404-S16-08		16	M24X1.5	30	12	1/2-14	48	38	27	0.37	400	
D7404-S20-08		20	M30X2.0	36	12	1/2-14	55	43	32	0.57	400	
D7404-S20-12		20	M30X2.0	36	16	3/4-14	56	44	32	0.6006	250	
D7404-S25-16		25	M36X2.0	46	20	1-11	64	51	41	1.0604	250	
D7404-S30-20		30	M42X2.0	50	25	1-1/4-11	71	57	50	1.5866	250	

D7405

MBT-FBSPP STRAIGHT (GAIV R)



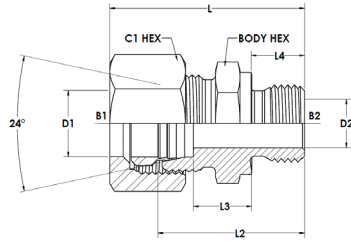
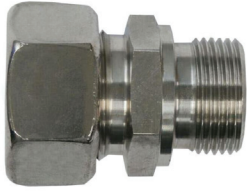
Part #	CODE	B1 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1			B2 FEMALE BSPP (G) ISO 1179, ISO 8434- 6, BS 5200			L1	L2	BODY	WT	BAR
		D1	THREAD	C1	THREAD							
D7405-L06-02	LIGHT	6	M12X1.5	14	1/8-28	34	26	14	0.0741	315		
D7405-L06-04		6	M12X1.5	14	1/4-19	39	31	19	0.1219	315		
D7405-L06-08		6	M12X1.5	14	1/2-14	44	36	27	0.2265	315		
D7405-L08-02		8	M14X1.5	17	1/8-28	34	26	14	0.0886	315		
D7405-L08-04		8	M14X1.5	17	1/4-19	39	31	19	0.1365	315		
D7405-L08-06		8	M14X1.5	17	3/8-19	39	31	24	0.1824	315		
D7405-L08-08		8	M14X1.5	17	1/2-14	44	36	27	0.2406	315		
D7405-L10-04		10	M16X1.5	19	1/4-19	40	32	19	0.1496	315		
D7405-L10-06		10	M16X1.5	19	3/8-19	40	32	24	0.1955	315		
D7405-L10-08		10	M16X1.5	19	1/2-14	45	37	27	0.253	315		
D7405-L12-04		12	M18X1.5	22	1/4-19	41	33	19	0.176	315		
D7405-L12-06		12	M18X1.5	22	3/8-19	41	33	24	0.2207	315		
D7405-L12-08		12	M18X1.5	22	1/2-14	45	37	27	0.27	315		
D7405-L15-06		15	M22X1.5	27	3/8-19	42.5	34	24	0.2745	315		
D7405-L15-08		15	M22X1.5	27	1/2-14	46.5	38	27	0.3232	315		
D7405-L18-08		18	M26X1.5	32	1/2-14	47.5	38	27	0.3812	315		
D7405-L22-12	HEAVY	22	M30X2.0	36	3/4-14	53.5	43	36	0.6369	160		
D7405-L22-16		22	M30X2.0	36	1-11	56	45.5	41	0.7338	160		
D7405-L28-16		28	M36X2.0	41	1-11	56.5	45.5	41	0.7712	160		
D7405-L28-20		28	M36X2.0	41	1-1/4-11	56.5	45.5	55	1.1763	160		
D7405-L35-20		35	M45X2.0	50	1-1/4-11	63.5	51.5	55	1.4871	160		
D7405-L42-24		42	M52X2.0	60	1-1/2-11	65.5	53.5	60	1.8442	160		
D7405-S06-04	HEAVY	6	M14X1.5	17	1/4-19	41	33	19	0.1513	400		
D7405-S08-04		8	M16X1.5	19	1/4-19	41	33	19	0.1644	400		
D7405-S10-06		10	M18X1.5	22	3/8-19	43	34	24	0.2461	400		
D7405-S12-04		12	M20X1.5	24	1/4-19	42	33	22	0.2456	400		
D7405-S12-06		12	M20X1.5	24	3/8-19	43	34	24	0.2608	400		
D7405-S12-08		12	M20X1.5	24	1/2-14	47	38	27	0.3105	400		
D7405-S14-08		14	M22X1.5	27	1/2-14	50	40	27	0.367	400		
D7405-S16-08		16	M24X1.5	30	1/2-14	50	40	27	0.4002	400		
D7405-S20-08		20	M30X2.0	36	1/2-14	57	45	36	0.7972	315		
D7405-S20-12		20	M30X2.0	36	3/4-14	57	45	36	0.7249	315		
D7405-S25-12		25	M36X2.0	46	3/4-14	60	47	41	1.1796	315		
D7405-S25-16		25	M36X2.0	46	1-11	62.5	49.5	41	1.1106	315		
D7405-S25-20		25	M36X2.0	46	1-1/4-11	62.5	49.5	55	1.5108	315		
D7405-S30-16		30	M42X2.0	50	1-11	64	50	50	1.5558	315		
D7405-S30-20		30	M42X2.0	50	1-1/4-11	69.5	55.5	55	1.7683	315		
D7405-S38-24		38	M52X2.0	60	1-1/2-11	75	59.5	60	2.2913	250		

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D8400-CF

MBT-MM CF STRAIGHT

METRIC ISO 9974 FORM B METAL SEALING EDGE (GEV M)



Part #	CODE	B1 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1			B2 MALE METRIC FORM B ISO 9974			L1	L2	BODY	WT	BAR
		D1	THREAD	C1	D2	THREAD						
D8400-E04-06-CF	EXTRA LIGHT	4	M08X1.0	10	2	M06X1.0	27.5	21.5	11	0.028	100	
D8400-E04-08-CF		4	M08X1.0	10	3	M08X1.0	27.5	21.5	12	0.0319	100	
D8400-E06-06-CF		6	M10X1.0	12	2	M06X1.0	27.5	21.5	11	0.0336	100	
D8400-E06-08-CF		6	M10X1.0	12	3	M08X1.0	27.5	21.5	12	0.0376	100	
D8400-E06-10-CF		6	M10X1.0	12	4	M10X1.0	27.5	21.5	14	0.0439	100	
D8400-E08-10-CF	LIGHT	8	M12X1.0	14	5	M10X1.0	28.5	22.5	14	0.0502	100	
D8400-L06-10-CF		6	M12X1.5	14	4	M10X1.0	31.5	23.5	14	0.0629	315	
D8400-L06-12-CF		6	M12X1.5	14	4	M12X1.5	37	29	17	0.0863	315	
D8400-L06-14-CF		6	M12X1.5	14	4	M14X1.5	38	30	19	0.1067	315	
D8400-L08-10-CF		8	M14X1.5	17	4	M10X1.0	31.5	23.5	14	0.0794	315	
D8400-L08-12-CF		8	M14X1.5	17	6	M12X1.5	37	29	17	0.097	315	
D8400-L08-14-CF		8	M14X1.5	17	6	M14X1.5	38	30	19	0.1171	315	
D8400-L08-16-CF		8	M14X1.5	17	6	M16X1.5	38	30	22	0.1395	315	
D8400-L08-18-CF		8	M14X1.5	17	6	M18X1.5	38.5	30.5	24	0.164	315	
D8400-L10-10-CF		10	M16X1.5	19	4	M10X1.0	33.5	25.5	17	0.1055	315	
D8400-L10-12-CF		10	M16X1.5	19	6	M12X1.5	38	30	17	0.1132	315	
D8400-L10-14-CF		10	M16X1.5	19	7	M14X1.5	38	30	19	0.1244	315	
D8400-L10-16-CF		10	M16X1.5	19	8	M16X1.5	39.5	31.5	22	0.1498	315	
D8400-L10-18-CF		10	M16X1.5	19	8	M18X1.5	39.5	31.5	24	0.1709	315	
D8400-L10-22-CF		10	M16X1.5	19	8	M22X1.5	42	34	27	0.2322	315	
D8400-L12-12-CF		12	M18X1.5	22	6	M12X1.5	38	30	19	0.1366	315	
D8400-L12-14-CF		12	M18X1.5	22	7	M14X1.5	38	30	19	0.1464	315	
D8400-L12-16-CF		12	M18X1.5	22	9	M16X1.5	39.5	31.5	22	0.1662	315	
D8400-L12-18-CF		12	M18X1.5	22	10	M18X1.5	39.5	31.5	24	0.181	315	
D8400-L12-20-CF		12	M18X1.5	22		M20X1.5	43	35	27	0.2321	315	
D8400-L12-22-CF		12	M18X1.5	22	10	M22X1.5	42	34	27	0.241	315	
D8400-L15-16-CF	HEAVY	15	M22X1.5	27	9	M16X1.5	40.5	32	24	0.2315	250	
D8400-L15-18-CF		15	M22X1.5	27	11	M18X1.5	41	32.5	24	0.2337	250	
D8400-L15-22-CF		15	M22X1.5	27	12	M22X1.5	43.5	35	27	0.2843	250	
D8400-L15-26-CF		15	M22X1.5	27		M26X1.5	46.5	38	32	0.383	250	

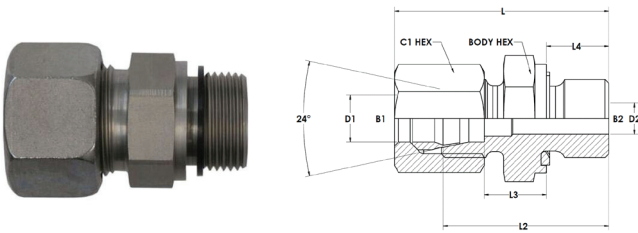
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Part #	CODE	B1 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1			B2 MALE METRIC FORM B ISO 9974			L1	L2	BODY	WT	BAR
		D1	THREAD	C1	D2	THREAD						
D8400-L18-18-CF	LIGHT	18	M26X1.5	32	11	M18X1.5	43	33.5	27	0.3135	250	
D8400-L18-22-CF		18	M26X1.5	32	14	M22X1.5	45.5	36	27	0.343	250	
D8400-L18-26-CF		18	M26X1.5	32	15	M26X1.5	47.5	38	32	0.4195	250	
D8400-L22-22-CF		22	M30X2.0	36	14	M22X1.5	48.5	38	32	0.4442	250	
D8400-L22-26-CF		22	M30X2.0	36	18	M26X1.5	50.5	40	32	0.4619	250	
D8400-L22-27-CF		22	M30X2.0	36		M27X2.0	50.5	40	32	0.4921	250	
D8400-L28-33-CF		28	M36X2.0	41	23	M33X2.0	54	43	41	0.6555	160	
D8400-L35-42-CF		35	M45X2.0	50	30	M42X2.0	60	48	50	1.049	160	
D8400-L42-48-CF		42	M52X2.0	60	36	M48X2.0	64	52	55	1.4248	160	
D8400-S06-12-CF	HEAVY	6	M14X1.5	17	4	M12X1.5	40	32	17	0.1199	400	
D8400-S06-14-CF		6	M14X1.5	17	4	M14X1.5	40	32	19	0.1362	400	
D8400-S08-14-CF		8	M16X1.5	19	5	M14X1.5	42	34	19	0.1576	400	
D8400-S08-16-CF		8	M16X1.5	19	5	M16X1.5	42	34	22	0.1836	400	
D8400-S10-14-CF		10	M18X1.5	22	5	M14X1.5	43.5	34.5	19	0.191	400	
D8400-S10-16-CF		10	M18X1.5	22	7	M16X1.5	43.5	34.5	22	0.2092	400	
D8400-S10-18-CF		10	M18X1.5	22	7	M18X1.5	45.5	36.5	24	0.2489	400	
D8400-S12-14-CF		12	M20X1.5	24	5	M14X1.5	45	36	22	0.2334	400	
D8400-S12-16-CF		12	M20X1.5	24	7	M16X1.5	45	36	22	0.2346	400	
D8400-S12-18-CF		12	M20X1.5	24	8	M18X1.5	45.5	36.5	24	0.2596	400	
D8400-S12-22-CF		12	M20X1.5	24	8	M22X1.5	48	39	27	0.3299	400	
D8400-S14-20-CF		14	M22X1.5	27	10	M20X1.5	51	41	27	0.358	400	
D8400-S16-18-CF		16	M24X1.5	30	8	M18X1.5	48.5	38.5	27	0.3782	400	
D8400-S16-22-CF		16	M24X1.5	30	12	M22X1.5	51	41	27	0.3973	400	
D8400-S20-22-CF		20	M30X2.0	36	12	M22X1.5	57	45	32	0.6052	400	
D8400-S20-27-CF		20	M30X2.0	36	16	M27X2.0	59	47	32	0.6301	250	
D8400-S25-33-CF		25	M36X2.0	46	20	M33X2.0	66	53	41	1.144	250	
D8400-S30-33-CF		30	M42X2.0	50	20	M33X2.0	69	55	46	1.3556	160	
D8400-S30-42-CF		30	M42X2.0	50	25	M42X2.0	71	57	50	1.5608	160	
D8400-S38-33-CF	HEAVY	38	M52X2.0	60		M33X2.0	79.5	64	55	2.2069	160	
D8400-S38-48-CF		38	M52X2.0	60	32	M48X2.0	79.5	64	55	2.1613	160	

D8400-ED

MBT-MM ED STRAIGHT

METRIC ISO 9974-2 FORM E ELASTOMERIC SEAL DIN 3869 (GEV M - WD)



Part #	CODE	B1 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1				B2 MALE METRIC FORM E CAPTIVE SEAL ISO 9974, ISO 6149, DIN 7631				WT	BAR
		D1	THREAD	C1	D2	THREAD	L1	L2	BODY		
D8400-L06-10-ED	LIGHT	6	M12X1.5	14	4	M10X1.0	31.5	23.5	14	0.0621	500
D8400-L06-12-ED		6	M12X1.5	14	4	M12X1.5	37	29	17	0.0846	500
D8400-L06-14-ED		6	M12X1.5	14	4	M14X1.5	37	29	19	0.0996	500
D8400-L06-18-ED		6	M12X1.5	14		M18X1.5	38.5	30.5	24	0.1316	500
D8400-L08-10-ED		8	M14X1.5	17	4	M10X1.0	31.5	23.5	14	0.0786	500
D8400-L08-12-ED		8	M14X1.5	17	6	M12X1.5	37	29	17	0.0953	500
D8400-L08-14-ED		8	M14X1.5	17	6	M14X1.5	37	29	19	0.1103	500
D8400-L08-16-ED		8	M14X1.5	17	6	M16X1.5	38	30	22	0.1382	500
D8400-L08-18-ED		8	M14X1.5	17		M18X1.5	38.5	30.5	24	0.146	500
D8400-L08-22-ED		8	M14X1.5	17		M22X1.5	41	33	27	0.2231	500
D8400-L10-10-ED		10	M16X1.5	19	4	M10X1.0	34	26	17	0.1031	500
D8400-L10-12-ED		10	M16X1.5	19	6	M12X1.5	38	30	17	0.1114	500
D8400-L10-14-ED		10	M16X1.5	19	7	M14X1.5	38	30	19	0.1224	500
D8400-L10-16-ED		10	M16X1.5	19	8	M16X1.5	39.5	31.5	22	0.1485	500
D8400-L10-18-ED		10	M16X1.5	19	8	M18X1.5	39.5	31.5	24	0.1697	400
D8400-L10-22-ED		10	M16X1.5	19	8	M22X1.5	42	34	27	0.1992	400
D8400-L12-12-ED		12	M18X1.5	22	6	M12X1.5	38	30	19	0.1338	400
D8400-L12-14-ED		12	M18X1.5	22	7	M14X1.5	38	30	19	0.1443	400
D8400-L12-16-ED		12	M18X1.5	22	9	M16X1.5	39.5	31.5	22	0.1648	400
D8400-L12-18-ED		12	M18X1.5	22	10	M18X1.5	39.5	31.5	24	0.1797	400
D8400-L12-22-ED		12	M18X1.5	22	8	M22X1.5	42	34	27	0.2164	400
D8400-L15-14-ED		15	M22X1.5	27	7	M14X1.5	41	32.5	24	0.2239	400
D8400-L15-16-ED		15	M22X1.5	27	9	M16X1.5	41	32.5	24	0.2336	400
D8400-L15-18-ED		15	M22X1.5	27	11	M18X1.5	41	32.5	24	0.2322	400
D8400-L15-22-ED		15	M22X1.5	27	12	M22X1.5	43.5	35	27	0.2809	400
D8400-L18-18-ED		18	M26X1.5	32	11	M18X1.5	43	33.5	27	0.3116	400
D8400-L18-22-ED		18	M26X1.5	32	14	M22X1.5	45.5	36	27	0.3394	400
D8400-L18-26-ED		18	M26X1.5	32		M26X1.5	47.5	38	32	0.4175	400
D8400-L22-22-ED		22	M30X2.0	36	14	M22X1.5	48.5	38	32	0.4325	250
D8400-L22-26-ED		22	M30X2.0	36	18	M26X1.5	50.5	40	32	0.4596	250
D8400-L22-27-ED		22	M30X2.0	36		M27X2.0	50.5	40	32	0.4664	250

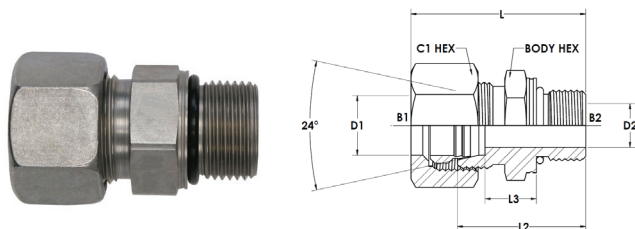
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Part #	CODE	B1 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1				B2 MALE METRIC FORM E CAPTIVE SEAL ISO 9974, ISO 6149, DIN 7631				WT	BAR
		D1	THREAD	C1	D2	THREAD	L1	L2	BODY		
D8400-L22-33-ED	LIGHT	22	M30X2.0	36		M33X2.0	53.5	43	41	0.6526	250
D8400-L28-26-ED		28	M36X2.0	41		M26X1.5	52	41	41	0.593	250
D8400-L28-27-ED		28	M36X2.0	41		M27X2.0	52	41	41	0.5999	250
D8400-L28-33-ED		28	M36X2.0	41	23	M33X2.0	54	43	41	0.6487	250
D8400-L35-33-ED		35	M45X2.0	50		M33X2.0	58	46	46	0.8914	250
D8400-L35-42-ED		35	M45X2.0	50	30	M42X2.0	60	48	50	1.0389	250
D8400-L42-48-ED		42	M52X2.0	60	36	M48X2.0	64	52	55	1.41	250
D8400-S06-12-ED	HEAVY	6	M14X1.5	17	4	M12X1.5	40	32	17	0.1182	630
D8400-S08-12-ED		8	M16X1.5	19	4	M12X1.5	40	32	17	0.1324	630
D8400-S08-14-ED		8	M16X1.5	19	5	M14X1.5	42	34	19	0.1555	630
D8400-S10-14-ED		10	M18X1.5	22	5	M14X1.5	43.5	34.5	19	0.1865	630
D8400-S10-16-ED		10	M18X1.5	22	7	M16X1.5	43.5	34.5	22	0.2077	630
D8400-S12-12-ED		12	M20X1.5	24	4	M12X1.5	45.5	36.5	22	0.2239	630
D8400-S12-14-ED		12	M20X1.5	24	5	M14X1.5	45	36	22	0.2311	630
D8400-S12-16-ED		12	M20X1.5	24	7	M16X1.5	45	36	22	0.2337	630
D8400-S12-18-ED		12	M20X1.5	24	8	M18X1.5	45.5	36.5	24	0.2581	630
D8400-S12-22-ED		12	M20X1.5	24	8	M22X1.5	48	39	27	0.3088	630
D8400-S14-20-ED		14	M22X1.5	27	10	M20X1.5	51	41	27	0.3562	630
D8400-S16-16-ED		16	M24X1.5	30	7	M16X1.5	48.5	38.5	24	0.343	400
D8400-S16-18-ED		16	M24X1.5	30	8	M18X1.5	48.5	38.5	24	0.3515	400
D8400-S16-22-ED		16	M24X1.5	30	12	M22X1.5	51	41	27	0.3936	400
D8400-S16-27-ED		16	M24X1.5	30		M27X2.0	53	43	32	0.505	400
D8400-S20-22-ED		20	M30X2.0	36	12	M22X1.5	57	45	32	0.5949	400
D8400-S20-27-ED		20	M30X2.0	36	16	M27X2.0	59	47	32	0.6241	400
D8400-S20-33-ED		20	M30X2.0	36		M33X2.0	61	49	41	0.8581	400
D8400-S25-26-ED		25	M36X2.0	46		M26X1.5	64	51	41	1.0753	400
D8400-S25-33-ED		25	M36X2.0	46	20	M33X2.0	66	53	41	1.1356	400
D8400-S30-42-ED		30	M42X2.0	50	25	M42X2.0	71	57	50	1.5493	400
D8400-S38-33-ED		38	M52X2.0	60		M33X2.0	75.5	60	55	2.0211	400
D8400-S38-48-ED		38	M52X2.0	60	32	M48X2.0	79.5	64	55	2.1437	400

D8400-ISO 6149

MBT-MM ISO 6149 STRAIGHT

METRIC ISO 6149 THREAD ISO 3601 O-RING (GEV M - ODR)

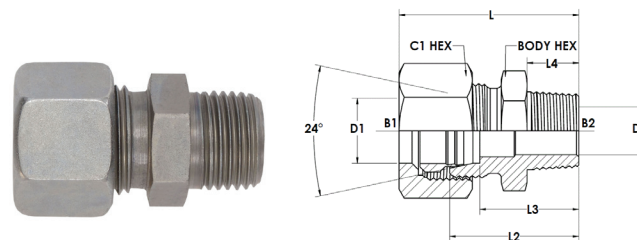


Part #	CODE	B1 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1			B2 MALE METRIC ISO 6149 O-RING ISO 6149			L1	L2	BODY	WT	BAR
		D1	THREAD	C1	D2	THREAD						
D8400-L06-10-O-ISO 6149	LIGHT	6	M12X1.5	14	4	M10X1.0	33	25	14	0.0661	400	
D8400-L08-12-O-ISO 6149		8	M14X1.5	17	6	M12X1.5	36	28	17	0.0948	400	
D8400-L10-14-O-ISO 6149		10	M16X1.5	19	7.5	M14X1.5	37	29	19	0.119	400	
D8400-L12-16-O-ISO 6149		12	M18X1.5	22	9	M16X1.5	39	31	22	0.1653	400	
D8400-L12-18-O-ISO 6149		12	M18X1.5	22	10	M18X1.5	41	33	24	0.1896	400	
D8400-L15-18-O-ISO 6149		15	M22X1.5	27	11	M18X1.5	41.5	33	24	0.2359	400	
D8400-L15-22-O-ISO 6149		15	M22X1.5	27	12	M22X1.5	43.5	35	27	0.2888	400	
D8400-L18-22-O-ISO 6149		18	M26X1.5	32	14	M22X1.5	44.5	35	27	0.3395	400	
D8400-L22-27-O-ISO 6149		22	M30X2.0	36	18	M27X2.0	50.5	40	32	0.4718	250	
D8400-L28-33-O-ISO 6149		28	M36X2.0	41	23	M33X2.0	52	41	41	0.6437	250	
D8400-L35-42-O-ISO 6149		35.3	M45X2.0	50	30	M42X2.0	56	44	50	1.0053	250	
D8400-L42-48-O-ISO 6149		42.3	M52X2.0	60	36	M48X2.0	59.5	47.5	55	1.3625	250	
D8400-S06-12-O-ISO 6149	HEAVY	6	M14X1.5	17	4	M12X1.5	39	31	17	0.1168	630	
D8400-S08-12-O-ISO 6149		8	M16X1.5	19	4	M12X1.5	40	32	17	0.1367	630	
D8400-S08-14-O-ISO 6149		8	M16X1.5	19	5	M14X1.5	41	33	19	0.1543	630	
D8400-S10-14-O-ISO 6149		10	M18X1.5	22	6	M14X1.5	42.5	33.5	19	0.183	630	
D8400-S10-16-O-ISO 6149		10	M18X1.5	22	7	M16X1.5	44	35	22	0.2116	630	
D8400-S12-18-O-ISO 6149		12	M20X1.5	24	8	M18X1.5	47.5	38.5	24	0.2668	630	
D8400-S16-22-O-ISO 6149		16	M24X1.5	30	12	M22X1.5	52	42	27	0.4012	630	
D8400-S20-27-O-ISO 6149		20	M30X2.0	36	15	M27X2.0	61.5	49.5	32	0.6614	400	
D8400-S25-33-O-ISO 6149		25	M36X2.0	46	20	M33X2.0	66.5	53.5	41	1.153	400	
D8400-S30-42-O-ISO 6149		30	M42X2.0	50	25	M42X2.0	70	56	50	1.5476	400	
D8400-S38-48-O-ISO 6149		38.3	M52X2.0	60	32	M48X2.0	78.5	63	55	2.1341	400	

D8404

MBT-MMT STRAIGHT

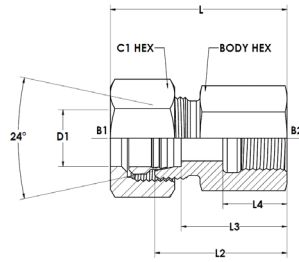
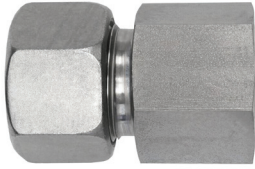
MMT (MALE METRIC TAPERED) (GEV M - KEG)



Part #	CODE	B1 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1			B2 MALE METRIC TAPERED DIN 3852-1 FORM C			L1	L2	BODY	WT	BAR
		D1	THREAD	C1	D2	THREAD						
D8404-E04-06	EXTRA LIGHT	4	M08X1.0	10	2.5	M06X1.0	26	20	9	0.0238	100	
D8404-E04-08		4	M08X1.0	10	3	M08X1.0	26	20	10	0.0273	100	
D8404-E04-10		4	M08X1.0	10	3	M10X1.0	26	20	11	0.0325	100	
D8404-E06-06		6	M10X1.0	12	2	M06X1.0	26	20	11	0.0323	100	
D8404-E06-08		6	M10X1.0	12	4.5	M08X1.0	26	20	11	0.0322	100	
D8404-E06-10		6	M10X1.0	12	4	M10X1.0	26	20	11	0.0361	100	
D8404-E08-08		8	M12X1.0	14	3	M08X1.0	28	22	12	0.0435	100	
D8404-E08-10		8	M12X1.0	14	6	M10X1.0	28	22	12	0.044	100	
D8404-L06-10	LIGHT	6	M12X1.5	14	4	M10X1.0	31	23	14	0.0631	315	
D8404-L06-12		6	M12X1.5	14	4	M12X1.5	35	27	14	0.075	315	
D8404-L08-12		8	M14X1.5	17	6	M12X1.5	35	27	14	0.0862	315	
D8404-L08-14		8	M14X1.5	17	6	M14X1.5	35	27	17	0.1017	315	
D8404-L10-14		10	M16X1.5	19	7	M14X1.5	36	28	17	0.1141	315	
D8404-L10-16		10	M16X1.5	19	8	M16X1.5	36	28	17	0.1194	315	
D8404-L12-16		12	M18X1.5	22	9	M16X1.5	37	29	19	0.1465	315	
D8404-L12-18		12	M18X1.5	22	10	M18X1.5	37	29	19	0.1519	315	
D8404-L18-22		18	M26X1.5	32	14	M22X1.5	42.5	33	27	0.3274	315	

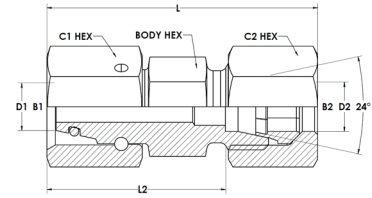
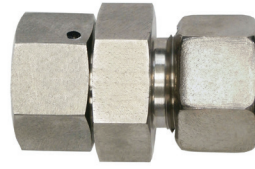
D8405

MBT-FM STRAIGHT (GAIV M)



D6504-EQUAL

FMS-MBT STRAIGHT (GEDV)

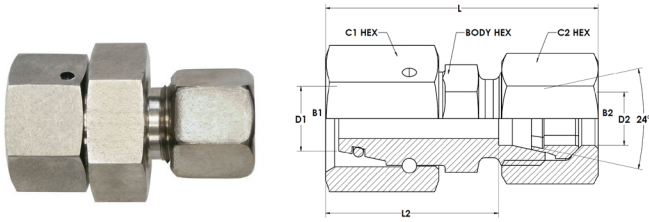


Part #	CODE	B1 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1			B2 FEMALE METRIC ISO 9974-1			BODY	WT	BAR
		D1	THREAD	C1	THREAD	L1	L2			
D8405-L06-10	LIGHT	6	M12X1.5	14	M10X1.0	34.5	26.5	14	0.0737	315
D8405-L08-12		8	M14X1.5	17	M12X1.5	39	31	17	0.1188	315
D8405-L10-12		10	M16X1.5	19	M12X1.5	40	32	17	0.1319	315
D8405-L10-14		10	M16X1.5	19	M14X1.5	40	32	19	0.1439	315
D8405-L12-16		12	M18X1.5	22	M16X1.5	41	33	22	0.1937	315
D8405-L12-18		12	M18X1.5	22	M18X1.5	41	33	24	0.2096	315
D8405-L15-18		15	M22X1.5	27	M18X1.5	43.5	35	24	0.27	315
D8405-L18-22		18	M26X1.5	32	M22X1.5	46.5	37	30	0.4203	315
D8405-L22-22		22	M30X2.0	36	M22X1.5	50.5	40	32	0.5394	160
D8405-L22-26		22	M30X2.0	36	M26X1.5	52.5	42	32	0.5074	160
D8405-L28-33		28	M36X2.0	41	M33X2.0	56	45	41	0.7518	160
D8405-L35-42		35	M45X2.0	50	M42X2.0	63	51	55	1.447	160
D8405-L42-45		42	M52X2.0	60	M45X2.0	65	53	60	1.89	160
D8405-L42-48		42	M52X2.0	60	M48X2.0	65	53	60	1.7927	160
D8405-S06-12	HEAVY	6	M14X1.5	17	M12X1.5	41	33	17	0.1336	400
D8405-S08-14		8	M16X1.5	19	M14X1.5	41	33	19	0.1586	400
D8405-S10-16		10	M18X1.5	22	M16X1.5	43	34	22	0.2192	400
D8405-S12-16		12	M20X1.5	24	M16X1.5	44	35	24	0.2716	400
D8405-S12-18		12	M20X1.5	24	M18X1.5	44	35	24	0.2573	400
D8405-S14-20		14	M22X1.5	27	M20X1.5	49	39	27	0.3625	400
D8405-S16-18		16	M24X1.5	30	M18X1.5	47	37	30	0.4578	400
D8405-S16-22		16	M24X1.5	30	M22X1.5	49	39	30	0.4392	400
D8405-S20-22		20	M30X2.0	36	M22X1.5	52	40	36	0.6987	315
D8405-S20-27		20	M30X2.0	36	M27X2.0	57	45	36	0.7123	315
D8405-S25-30		25	M36X2.0	46	M30X2.0	62	49	41	1.146	315
D8405-S25-33		25	M36X2.0	46	M33X2.0	62	49	41	1.0911	315
D8405-S30-42		30	M42X2.0	50	M42X2.0	69	55	55	1.7282	315
D8405-S38-45		38	M52X2.0	60	M45X2.0	74.5	59	60	2.3354	315
D8405-S38-48		38	M52X2.0	60	M48X2.0	74.5	59	60	2.2354	250

Part #	CODE	B1 FEMALE METRIC SWIVEL 24DEG DIN DIN 2353, ISO 8434-1			B2 DIN METRIC TUBE COMPRESSION DIN 3865, ISO 8434-1			BODY	WT	BAR
		D1	THREAD	C1	D2	THREAD	C2			
D6504-L06-L06	LIGHT	6	M12X1.5	17	6	M12X1.5	14	51	36	12
D6504-L08-L08		8	M14X1.5	17	8	M14X1.5	17	51	36	14
D6504-L15-L15		15	M22X1.5	27	15	M22X1.5	27	53.5	38	24
D6504-L18-L18		18	M26X1.5	32	18	M26X1.5	32	53	36	27
D6504-S06-S06	HEAVY	6	M14X1.5	17	6	M14X1.5	17	51.5	36.5	14
D6504-S10-S10		10	M18X1.5	22	10	M18X1.5	22	53	36.5	19
D6504-S20-S20		20	M30X2.0	36	20	M30X2.0	36	68	45.5	32
D6504-S25-S25		25	M36X2.0	46	25	M36X2.0	46	74	49	41
D6504-S38-S38		38.3	M52X2.0	60	38.3	M52X2.0	60	87.5	56	55

D6504-REDUCER

FMS-MBT STRAIGHT (REDV)



Part #	CODE	B1 FEMALE METRIC SWIVEL 24DEG DIN DIN 2353, ISO 8434-1			B2 DIN METRIC TUBE COMPRESSION DIN 3865, ISO 8434-1			L1	L2	BODY	WT	BAR
		D1	THREAD	C1	D2	THREAD	C2					
D6504-L08-L06	LIGHT	8	M14X1.5	17	6	M12X1.5	14	38.5	23.4	12	0.1433	500
D6504-L10-L06		10	M16X1.5	19	6	M12X1.5	14	41	24.9	14	0.1854	500
D6504-L10-L08		10	M16X1.5	19	8	M14X1.5	17	41	24.9	14	0.1956	500
D6504-L12-L06		12	M18X1.5	22	6	M12X1.5	14	40.5	24.9	17	0.2326	400
D6504-L12-L08		12	M18X1.5	22	8	M14X1.5	17	40.5	24.9	17	0.2427	400
D6504-L12-L10		12	M18X1.5	22	10	M16X1.5	19	41.5	25.9	17	0.2494	400
D6504-L15-L06		15	M22X1.5	27	6	M12X1.5	14	45.5	28.4	22	0.3545	400
D6504-L15-L08		15	M22X1.5	27	8	M14X1.5	17	45.5	28.4	22	0.3745	400
D6504-L15-L10		15	M22X1.5	27	10	M16X1.5	19	46.5	29.4	22	0.398	400
D6504-L15-L12		15	M22X1.5	27	12	M18X1.5	22	46.5	29.4	22	0.4061	400
D6504-L18-L06		18	M26X1.5	32	6	M12X1.5	14	42.5	27.9	24	0.4469	400
D6504-L18-L08		18	M26X1.5	32	8	M14X1.5	17	42.5	27.9	24	0.4622	400
D6504-L18-L10		18	M26X1.5	32	10	M16X1.5	19	43.5	28.9	24	0.5047	400
D6504-L18-L12		18	M26X1.5	32	12	M18X1.5	22	43.5	28.9	24	0.5133	400
D6504-L18-L15		18	M26X1.5	32	15	M22X1.5	27	45	29.9	24	0.5563	400
D6504-L22-L06		22	M30X2.0	36	6	M12X1.5	14	49	31.9	27	0.6306	250
D6504-L22-L08		22	M30X2.0	36	8	M14X1.5	17	49	31.9	27	0.6382	250
D6504-L22-L10		22	M30X2.0	36	10	M16X1.5	19	50	32.9	27	0.6516	250
D6504-L22-L12		22	M30X2.0	36	12	M18X1.5	22	50	32.9	27	0.6697	250
D6504-L22-L15		22	M30X2.0	36	15	M22X1.5	27	51.5	33.9	27	0.7259	250
D6504-L22-L18		22	M30X2.0	36	18	M26X1.5	32	52.5	33.4	27	0.8012	250
D6504-L28-L06		28	M36X2.0	41	6	M12X1.5	14	52	33.9	36	0.8975	250
D6504-L28-L08		28	M36X2.0	41	8	M14X1.5	17	52	33.9	36	0.9112	250
D6504-L28-L10		28	M36X2.0	41	10	M16X1.5	19	53	34.9	36	0.8978	250
D6504-L28-L12		28	M36X2.0	41	12	M18X1.5	22	53	34.9	36	0.9156	250
D6504-L28-L15		28	M36X2.0	41	15	M22X1.5	27	54.5	35.9	36	0.9694	250
D6504-L28-L18		28	M36X2.0	41	18	M26X1.5	32	55.5	35.4	36	1.0277	250
D6504-L28-L22		28	M36X2.0	41	22	M30X2.0	36	58.5	37.4	36	1.0909	250
D6504-L35-L10		35	M45X2.0	50	10	M16X1.5	19	54	38	46	1.3939	250
D6504-L35-L12		35	M45X2.0	50	12	M18X1.5	22	54	38	46	1.3741	250
D6504-L35-L15		35	M45X2.0	50	15	M22X1.5	27	55.5	39	46	1.4297	250
D6504-L35-L18		35	M45X2.0	50	18	M26X1.5	32	56.5	38.5	46	1.4912	250
D6504-L35-L22		35	M45X2.0	50	22	M30X2.0	36	59.5	40.5	46	1.5574	250

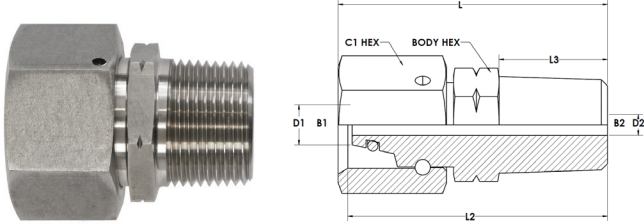
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Part #	CODE	B1 FEMALE METRIC SWIVEL 24DEG DIN DIN 2353, ISO 8434-1			B2 DIN METRIC TUBE COMPRESSION DIN 3865, ISO 8434-1			L1	L2	BODY	WT	BAR
		D1	THREAD	C1	D2	THREAD	C2					
D6504-L35-L28	LIGHT	35	M45X2.0	50	28	M36X2.0	41	60	40.5	46	1.6668	250
D6504-L35-S20		35	M45X2.0	50	20	M30X2.0	36	64	40.5	46	1.6701	250
D6504-S08-S06		8	M16X1.5	19	6	M14X1.5	17	42.5	26.9	14	0.2439	800
D6504-S08-S12		8	M16X1.5	19	12	M20X1.5	24	49	31.9	22	0.3584	630
D6504-S10-S06		10	M18X1.5	22	6	M14X1.5	17	42.5	27.4	17	0.293	800
D6504-S10-S08		10	M18X1.5	22	8	M16X1.5	19	42.5	27.4	17	0.3041	800
D6504-S10-S12		10	M18X1.5	22	12	M20X1.5	24	45.5	28.9	22	0.3708	630
D6504-S12-S06		12	M20X1.5	24	6	M14X1.5	17	46.5	29.9	19	0.3771	630
D6504-S12-S08		12	M20X1.5	24	8	M16X1.5	19	46.5	29.9	19	0.3879	630
D6504-S12-S10		12	M20X1.5	24	10	M18X1.5	22	47.5	29.4	19	0.4097	630
D6504-S14-S06		14	M22X1.5	27	6	M14X1.5	17	47.5	31.4	22	0.4736	630
D6504-S14-S08		14	M22X1.5	27	8	M16X1.5	19	47.5	31.4	22	0.4843	630
D6504-S14-S10		14	M22X1.5	27	10	M18X1.5	22	47.5	29.9	22	0.4992	630
D6504-S14-S12		14	M22X1.5	27	12	M20X1.5	24	48.5	30.9	22	0.5165	630
D6504-S16-L15		16	M24X1.5	30	15	M22X1.5	27	51.5	35.4	27	0.6465	400
D6504-S16-S06		16	M24X1.5	30	6	M14X1.5	17	47.5	31.9	22	0.5157	630
D6504-S16-S08		16	M24X1.5	30	8	M16X1.5	19	47.5	31.9	22	0.5291	630
D6504-S16-S10		16	M24X1.5	30	10	M18X1.5	22	48.5	31.4	22	0.5782	630
D6504-S16-S12		16	M24X1.5	30	12	M20X1.5	24	48.5	31.4	22	0.5889	630
D6504-S16-S14		16	M24X1.5	30	14	M22X1.5	27	51.5	32.9	24	0.6469	630
D6504-S20-L15		20	M30X2.0	36	15	M22X1.5	27	51	36	27	0.8835	400
D6504-S20-L22		20	M30X2.0	36	22	M30X2.0	36	59.5	42	32	1.0981	250
D6504-S20-S06		20	M30X2.0	36	6	M14X1.5	17	50.5	36	27	0.7926	420
D6504-S20-S08		20	M30X2.0	36	8	M16X1.5	19	50.5	36	27	0.8107	420
D6504-S20-S10		20	M30X2.0	36	10	M18X1.5	22	51.5	35.5	27	0.835	420
D6504-S20-S12		20	M30X2.0	36	12	M20X1.5	24	51.5	35.5	27	0.8504	420
D6504-S20-S14		20	M30X2.0	36	14	M22X1.5	27	54.5	37	27	0.9406	420
D6504-S20-S16		20	M30X2.0	36	16	M24X1.5	30	54.5	36.5	27	0.9609	420
D6504-S25-L18		25	M36X2.0	46	18	M26X1.5	32	54	38	36	1.481	400
D6504-S25-S06		25	M36X2.0	46	6	M14X1.5	17	52.5	38.5	36	1.3515	420
D6504-S25-S08		25	M36X2.0	46	8	M16X1.5	19	52.5	38.5	36	1.3648	420
D6504-S25-S10		25	M36X2.0	46	10	M18X1.5	22	53.5	38	36	1.3931	420
D6504-S25-S12		25	M36X2.0	46	12	M20X1.5	24	53.5	38	36	1.408	420
D6504-S25-S14		25	M36X2.0	46	14	M22X1.5	27	56.5	39.5	36	1.4656	420
D6504-S25-S16		25	M36X2.0	46	16	M24X1.5	30	56.5	39	36	1.4996	420
D6504-S25-S20		25	M36X2.0	46	20	M30X2.0	36	60.5	39	36	1.6513	420
D6504-S30-L28	HEAVY	30	M42X2.0	50	28	M36X2.0	41	61.5	45.5	41	1.9579	250
D6504-S30-S06		30	M42X2.0	50	6	M14X1.5	17	56.5	44	41	1.7327	420
D6504-S30-S08		30	M42X2.0	50	8	M16X1.5	19	56.5	44	41	1.7334	420
D6504-S30-S10		30	M42X2.0	50	10	M18X1.5	22	57.5	43.5	41	1.7735	420
D6504-S30-S12		30	M42X2.0	50	12	M20X1.5	24	57.5	43.5	41	1.788	420
D6504-S30-S14		30	M42X2.0	50	14	M22X1.5	27	60.5	45	41	1.8447	420
D6504-S30-S16		30	M42X2.0	50	16	M24X1.5	30	60.5	44.5	41	1.8777	420
D6504-S30-S20		30	M42X2.0	50	20	M30X2.0	36	64.5	44.5	41	2.0061	420
D6504-S30-S25		30	M42X2.0	50	25	M36X2.0	46	67.5	45	41	2.3193	420

More sizes available @brennaninc.com or contact 888.331.1523 for more details

D6505

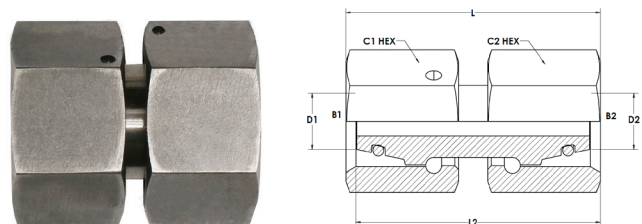
MFS-MP STRAIGHT (EGVD - NPT)



Part #	CODE	B1 FEMALE METRIC SWIVEL DIN 24DEG DIN 3865, ISO 8434-1			B2 MALE NPT ASME/ANSI B1.20.1			L1	L2	BODY	WT	BAR
		D1	THREAD	C1	D2	THREAD						
D6505-L08-04	LIGHT	8	M14X1.5	17	5	1/4-18	37.5	37.4	14.0	0.141	315	
D6505-L12-06		12	M18X1.5	22	8	3/8-18	40.5	39.9	19.0	0.244	315	
D6505-L15-08		15	M22X1.5	27	11	1/2-14	51.5	49.4	22.0	0.423	315	
D6505-L22-12		22	M30X2.0	36	17	3/4-14	53.5	51.4	30.0	0.724	160	
D6505-S06-04	HEAVY	6	M14X1.5	17	3	1/4-18	38.5	37.9	14.0	0.17	630	
D6505-S08-04		8	M16X1.5	19	4	1/4-18	40	39.4	14.0	0.215	630	
D6505-S10-06		10	M18X1.5	22	6.5	3/8-18	44.5	44.5	19	0.188	630	
D6505-S12-06		12	M20X1.5	24	8	3/8-18	43.5	41.9	19.0	0.348	630	
D6505-S16-08		16	M24X1.5	30	11	1/2-14	51	50.4	22.0	0.552	400	
D6505-S20-12		20	M30X2.0	36	14	3/4-14	53.5	54	27.0	0.884	400	
D6505-S25-16		25	M36X2.0	46	18	1-11/2	65	66	36.0	1.657	400	

D6565-EQUAL

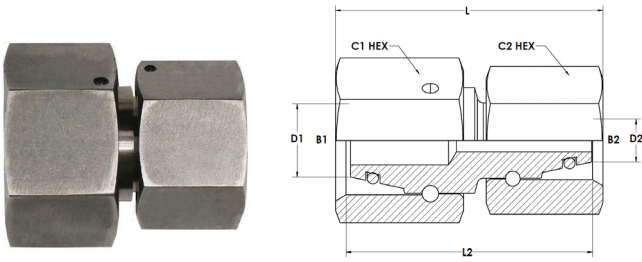
FMS-FMS STRAIGHT EQUAL UNION (EDKV)



Part #	CODE	B1 FEMALE METRIC SWIVEL DIN 24DEG DIN 3865, ISO 8434-1			B2 FEMALE METRIC SWIVEL DIN 24DEG DIN 3865, ISO 8434-1			L1	L2	WT	BAR
		D1	THREAD	C1	D2	THREAD	C2				
D6565-L06-L06	LIGHT	6	M12X1.5	17	6	M12X1.5	17	37	36.7	0.11	500
D6565-L08-L08		8	M14X1.5	17	8	M14X1.5	17	37	36.7	0.0981	500
D6565-L10-L10		10	M16X1.5	19	10	M16X1.5	19	40	37.8	0.1333	500
D6565-L12-L12		12	M18X1.5	22	12	M18X1.5	22	39	37.8	0.1743	400
D6565-L15-L15		15	M22X1.5	27	15	M22X1.5	27	45	40.8	0.2823	400
D6565-L18-L18		18	M26X1.5	32	18	M26X1.5	32	42.5	43.3	0.3878	400
D6565-L22-L22		22	M30X2.0	36	22	M30X2.0	36	52	47.8	0.5557	250
D6565-L28-L28		28	M36X2.0	41	28	M36X2.0	41	55	48.8	0.6576	250
D6565-L35-L35	HEAVY	35	M45X2.0	50	35	M45X2.0	50	61	59	1.0638	250
D6565-L42-L42		42	M52X2.0	60	42	M52X2.0	60	61	60	3.0564	250
D6565-S06-S06		6	M14X1.5	17	6	M14X1.5	17	41	39.7	0.1038	800
D6565-S08-S08		8	M16X1.5	19	8	M16X1.5	19	41	39.7	0.138	800
D6565-S10-S10		10	M18X1.5	22	10	M18X1.5	22	44	43.8	0.1884	800
D6565-S12-S12		12	M20X1.5	24	12	M20X1.5	24	48	44.8	0.2369	630
D6565-S14-S14		14	M22X1.5	27	14	M22X1.5	27	51	48.8	0.3156	630
D6565-S16-S16		16	M24X1.5	30	16	M24X1.5	30	52	50.8	0.4029	630
D6565-S20-S20		20	M30X2.0	36	20	M30X2.0	36	60	61	0.6373	420
D6565-S25-S25		25	M36X2.0	46	25	M36X2.0	46	65	67	1.1341	420
D6565-S30-S30		30	M42X2.0	50	30	M42X2.0	50	69	74	1.4063	420
D6565-S38-S38		38	M52X2.0	60	38	M52X2.0	60	76	84	1.991	420

D6565-REDUCER

FMS-FMS STRAIGHT REDUCING UNION (EDKRV)



Part #	CODE	B1 FEMALE METRIC SWIVEL DIN 24DEG DIN 3865, ISO 8434-1			B2 FEMALE METRIC SWIVEL DIN 24DEG DIN 3865, ISO 8434-1			L1	L2	WT	BAR
		D1	THREAD	C1	D2	THREAD	C2				
D6565-L06-S06	LIGHT	6	M12X1.5	17	6	M14X1.5	17	39	38.2	0.107	500
D6565-L08-L06		8	M14X1.5	17	6	M12X1.5	17	37	36.7	0.1077	500
D6565-L08-S08		8	M14X1.5	19	8	M16X1.5	17	39	38.2	0.1203	500
D6565-L10-L06		10	M16X1.5	19	6	M12X1.5	17	38.5	37.2	0.1243	500
D6565-L10-L08		10	M16X1.5	19	8	M14X1.5	17	38.5	37.2	0.1185	500
D6565-L10-S10		10	M16X1.5	22	10	M18X1.5	19	42	40.8	0.1577	500
D6565-L12-L06		12	M18X1.5	22	6	M12X1.5	17	37	37.2	0.1526	400
D6565-L12-L08		12	M18X1.5	22	8	M14X1.5	17	38	38.2	0.1458	400
D6565-L12-L10		12	M18X1.5	22	10	M16X1.5	19	40	38.3	0.1567	400
D6565-L12-S10		12	M18X1.5	22	10	M18X1.5	22	36	35.3	0.1745	400
D6565-L12-S12		12	M18X1.5	24	12	M20X1.5	22	43.5	41.3	0.2054	400
D6565-L15-L08		15	M22X1.5	27	8	M14X1.5	17	39	38.7	0.2038	400
D6565-L15-L10		15	M22X1.5	27	10	M16X1.5	19	40.5	39.3	0.218	400
D6565-L15-L12		15	M22X1.5	27	12	M18X1.5	22	48.5	45.8	0.2621	400
D6565-L18-L10		18	M26X1.5	32	10	M16X1.5	19	41.5	40.3	0.2901	400
D6565-L18-L12		18	M26X1.5	32	12	M18X1.5	22	41	40.3	0.3092	400
D6565-L18-L15		18	M26X1.5	32	15	M22X1.5	27	49	47.3	0.3666	400
D6565-L18-S16		18	M26X1.5	32	16	M24X1.5	30	47.5	47.3	0.4042	400
D6565-L22-L12		22	M30X2.0	36	12	M18X1.5	22	45	42.8	0.3995	250
D6565-L22-L15		22	M30X2.0	36	15	M22X1.5	27	48	44.3	0.4464	250
D6565-L22-L18		22	M30X2.0	36	18	M26X1.5	32	49.5	47.8	0.5179	250
D6565-L22-S20		22	M30X2.0	36	20	M30X2.0	36	56	54.4	0.6238	250
D6565-L28-L15		28	M36X2.0	41	15	M22X1.5	27	49.5	45.3	0.5469	250
D6565-L28-L18		28	M36X2.0	41	18	M26X1.5	32	49.5	47.8	0.6118	250
D6565-L28-L22		28	M36X2.0	41	22	M30X2.0	36	53	48.8	0.6598	250
D6565-L28-S25		28	M36X2.0	41	25	M36X2.0	46	60.5	58.4	0.9599	250
D6565-L35-L18		35	M45X2.0	50	18	M26X1.5	32	51.5	52.4	0.9012	250
D6565-L35-L22		35	M45X2.0	50	22	M30X2.0	36	55.5	53.9	0.9497	250

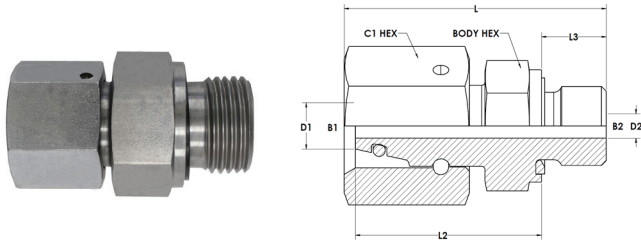
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Part #	CODE	B1 FEMALE METRIC SWIVEL DIN 24DEG DIN 3865, ISO 8434-1			B2 FEMALE METRIC SWIVEL DIN 24DEG DIN 3865, ISO 8434-1			L1	L2	WT	BAR
		D1	THREAD	C1	D2	THREAD	C2				
D6565-L35-L28	LIGHT	35	M45X2.0	50	28	M36X2.0	46	57	54.4	1.0977	250
D6565-L35-S30		35	M45X2.0	50	30	M42X2.0	50	69	70	1.3659	250
D6565-L42-L22		42	M52X2.0	60	22	M30X2.0	36	55.5	54.4	1.2741	250
D6565-L42-L28		42	M52X2.0	60	28	M36X2.0	46	57	54.9	1.4216	250
D6565-L42-L35		42	M52X2.0	60	35	M45X2.0	50	59.5	59.5	1.4539	250
D6565-L42-S30		42	M52X2.0	60	30	M42X2.0	50	58.5	62	1.6009	250
D6565-L42-S38		42	M52X2.0	60	38	M52X2.0	60	63.5	67	1.8043	250
D6565-S12-L08		12	M20X1.5	24	8	M14X1.5	17	39	38.7	0.171	500
D6565-S12-S06		12	M20X1.5	24	6	M14X1.5	17	42.5	41.7	0.1799	630
D6565-S12-S08		12	M20X1.5	24	8	M16X1.5	19	49	46.7	0.2129	630
D6565-S12-S10		12	M20X1.5	24	10	M18X1.5	22	46	44.3	0.2182	630
D6565-S16-L15		16	M24X1.5	30	15	M22X1.5	27	48.5	45.8	0.3344	400
D6565-S16-S10	HEAVY	16	M24X1.5	30	10	M18X1.5	22	48.5	47.3	0.322	630
D6565-S16-S12		16	M24X1.5	30	12	M20X1.5	24	53.5	51.3	0.3472	630
D6565-S20-L18	L	20	M30X2.0	36	18	M26X1.5	32	51	51.9	0.5223	400
D6565-S20-S12		20	M30X2.0	36	12	M20X1.5	24	54.5	52.9	0.5009	420
D6565-S20-S16		20	M30X2.0	36	16	M24X1.5	30	58	57.9	0.5581	420
D6565-S25-L22		25	M36X2.0	46	22	M30X2.0	36	64	62.9	0.8888	250
D6565-S25-S16		25	M36X2.0	46	16	M24X1.5	30	58.5	58.9	0.8372	420
D6565-S25-S20		25	M36X2.0	46	20	M30X2.0	36	64	65.5	0.9518	420
D6565-S30-L28		30	M42X2.0	50	28	M36X2.0	41	67	66.4	1.0462	250
D6565-S30-S16		30	M42X2.0	50	16	M24X1.5	30	59	58.4	1.0247	420
D6565-S30-S20		30	M42X2.0	50	20	M30X2.0	36	67	67.5	1.1767	420
D6565-S30-S25		30	M42X2.0	50	25	M36X2.0	46	67	70.5	1.3086	420
D6565-S38-L35	HEAVY	38	M52X2.0	60	35	M45X2.0	50	70.5	73.5	1.5961	250
D6565-S38-S20		38	M52X2.0	60	20	M30X2.0	36	71.5	72.5	1.67	420
D6565-S38-S25		38	M52X2.0	60	25	M36X2.0	46	74	75.5	1.8772	420
D6565-S38-S30		38	M52X2.0	60	30	M42X2.0	50	72.5	79	1.8845	420

D7505-ED

FMS-MBSPP ED STRAIGHT

MBSPP ISO 1179-2 FORM E ELASTOMERIC SEAL DIN 3869 (EGVD R - WD)



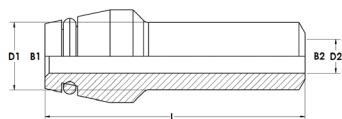
Part #	CODE	B1 FEMALE METRIC SWIVEL DIN 24DEG DIN 3865, ISO 8434-1			B2 MALE BSPP FORM E CAPTIVE SEAL ISO 1179, ISO 8434-6, BS 5200			L1	L2	BODY	WT	BAR
		D1	THREAD	C1	D2	THREAD						
D7505-L06-02-ED	LIGHT	6	M12X1.5	17	3	1/8-28	32.5	24.4	14	0.1193	500	
D7505-L06-04-ED		6	M12X1.5	17	3	1/4-19	39.5	27.4	19	0.1584	500	
D7505-L08-02-ED		8	M14X1.5	17		1/8-28	33.5	25.4	14	0.1257	500	
D7505-L08-04-ED		8	M14X1.5	17	5	1/4-19	41.5	29.4	19	0.1768	500	
D7505-L10-04-ED		10	M16X1.5	19	6.5	1/4-19	40.5	27.4	19	0.1946	500	
D7505-L10-06-ED		10	M16X1.5	19	6.5	3/8-19	42	28.9	22	0.2361	500	
D7505-L10-08-ED		10	M16X1.5	19		1/2-14	43.5	28.4	27	0.2636	500	
D7505-L12-04-ED		12	M18X1.5	22	6	1/4-19	40	27.4	19	0.2342	400	
D7505-L12-06-ED		12	M18X1.5	22	8	3/8-19	46.5	33.9	22	0.2947	400	
D7505-L12-08-ED		12	M18X1.5	22	8	1/2-14	44	29.4	27	0.3398	400	
D7505-L15-06-ED		15	M22X1.5	27	9	3/8-19	43.5	29.4	22	0.3689	400	
D7505-L15-08-ED		15	M22X1.5	27	11	1/2-14	48	31.9	27	0.4405	400	
D7505-L15-12-ED		15	M22X1.5	27		3/4-14	48.5	30.4	32	0.4827	400	
D7505-L18-04-ED		18	M26X1.5	32		1/4-19	43	31.4	27	0.4854	400	
D7505-L18-08-ED		18	M26X1.5	32	13	1/2-14	45	31.4	27	0.503	400	
D7505-L18-12-ED		18	M26X1.5	32	18	3/4-14	47	31.4	32	0.576	400	
D7505-L22-08-ED		22	M30X2.0	36	14	1/2-14	48	31.9	27	0.625	250	
D7505-L22-12-ED		22	M30X2.0	36	17	3/4-14	50.5	32.4	32	0.7055	250	
D7505-L22-16-ED		22	M30X2.0	36	18	1-11	52.5	32.4	41	0.9031	250	
D7505-L28-12-ED		28	M36X2.0	41		3/4-14	51	31.9	36	0.882	250	
D7505-L28-16-ED		28	M36X2.0	41	23	1-11	56	34.9	41	1.0151	250	
D7505-L35-20-ED		35	M45X2.0	50	28	1-1/4-11	63.5	42.5	50	1.7255	250	

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Part #	CODE	B1 FEMALE METRIC SWIVEL DIN 24DEG DIN 3865, ISO 8434-1			B2 MALE BSPP FORM E CAPTIVE SEAL ISO 1179, ISO 8434-6, BS 5200			L1	L2	BODY	WT	BAR
		D1	THREAD	C1	D2	THREAD						
D7505-L42-20-ED	LIGHT	42	M52X2.0	60		1-1/4-11	67	46.5	50	2.172	250	
D7505-L42-24-ED		42	M52X2.0	60	35	1-1/2-11	69	46.5	55	2.3345	250	
D7505-S06-04-ED	HEAVY	6	M14X1.5	17	3	1/4-19	39.5	26.9	19	0.1935	630	
D7505-S08-04-ED		8	M16X1.5	19	5	1/4-19	42	29.4	19	0.2432	630	
D7505-S10-04-ED		10	M18X1.5	22		1/4-19	41.5	29.4	19	0.2785	630	
D7505-S10-06-ED		10	M18X1.5	22	6.5	3/8-19	44	31.9	22	0.326	630	
D7505-S12-04-ED		12	M20X1.5	24	5	1/4-19	45	31.4	19	0.3545	630	
D7505-S12-06-ED		12	M20X1.5	24	8	3/8-19	48	34.4	22	0.3912	630	
D7505-S12-08-ED		12	M20X1.5	24	8	1/2-14	50	34.4	27	0.4793	630	
D7505-S14-08-ED		14	M22X1.5	27	9	1/2-14	51.5	36.4	27	0.56	630	
D7505-S16-06-ED		16	M24X1.5	30	8	3/8-19	49.5	36.9	27	0.6039	400	
D7505-S16-08-ED		16	M24X1.5	30	11	1/2-14	51.5	36.9	27	0.6058	400	
D7505-S16-12-ED		16	M24X1.5	30		3/4-14	55.5	38.9	32	0.7704	400	
D7505-S20-08-ED		20	M30X2.0	36	12	1/2-14	54.5	41	27	0.8629	400	
D7505-S20-12-ED		20	M30X2.0	36	14	3/4-14	56.5	41	32	0.9602	400	
D7505-S20-16-ED		20	M30X2.0	36	18	1-11	60.5	43	41	1.1842	400	
D7505-S25-12-ED		25	M36X2.0	46	18	3/4-14	65	50	36	1.6085	400	
D7505-S25-16-ED		25	M36X2.0	46	18	1-11	65	48	41	1.7525	400	
D7505-S30-16-ED		30	M42X2.0	50		1-11	68.5	53	41	2.0532	400	
D7505-S30-20-ED		30	M42X2.0	50	22	1-1/4-11	68.5	51	50	2.4138	400	
D7505-S38-20-ED		38	M52X2.0	60	25	1-1/4-11	78	62	50	3.2708	400	
D7505-S38-24-ED		38	M52X2.0	60	30	1-1/2-11	78	60	55	3.4664	400	

D8440

MBT WELD NIPPLE (SKA OD)



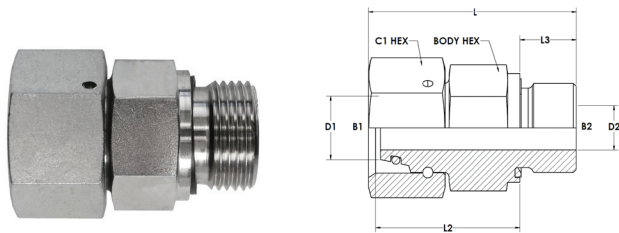
	<i>B1</i> METRIC DKO FLARE 24° DIN 3865, ISO 8434-4		<i>B2</i> BUTTWELD		
Part #	<i>D1</i>	<i>D2</i>	<i>L1</i>	<i>WT</i>	<i>BAR</i>
D8440-08-08X1.5	8	5	31	0.0996	400
D8440-08-08X2.0	8	4	31	0.1034	500
D8440-10-10X1.5	10	7	32.5	0.1314	315
D8440-10-10X2.0	10	6	32.5	0.1372	400
D8440-10-10X2.5	10	5	32.5	0.142	400
D8440-12-12X1.5	12	9	32.5	0.1676	315
D8440-12-12X2.0	12	8	32.5	0.1749	400
D8440-12-12X2.5	12	7	32.5	0.1812	400
D8440-14-14X3.0	14	8	38.5	0.382	400
D8440-15-15X2.0	15	11	35	0.2767	315
D8440-15-15X2.5	15	10	35	0.2864	315
D8440-16-16X2.0	16	12	39	0.4344	315
D8440-16-16X2.5	16	11	39	0.4462	400
D8440-16-16X3.0	16	10	38.5	0.4553	400
D8440-18-18X2.0	18	14	35.5	0.3821	315
D8440-18-18X2.5	18	13	36	0.3957	315
D8440-20-20X2.0	20	16	44.5	0.6929	250
D8440-20-20X2.5	20	15	44.5	0.7112	315
D8440-20-20X3.0	20	14	44.5	0.7281	400
D8440-20-20X4.0	20	12	44.5	0.7579	400
D8440-22-22X2.0	22	18	38.5	0.5141	160

Continued...

	<i>B1</i> METRIC DKO FLARE 24° DIN 3865, ISO 8434-4		<i>B2</i> BUTTWELD		
Part #	<i>D1</i>	<i>D2</i>	<i>L1</i>	<i>WT</i>	<i>BAR</i>
D8440-22-22X2.5	22	17	38.5	0.5318	160
D8440-25-25X3.0	25	19	49.5	1.2775	315
D8440-25-25X3.5	25	18	49.5	1.302	315
D8440-25-25X4.0	25	17	49.5	1.3246	400
D8440-25-25X5.0	25	15	49.5	1.3665	400
D8440-28-28X2.0	28	24	41.5	0.6912	160
D8440-28-28X2.5	28	23	41.5	0.717	160
D8440-28-28X3.0	28	22	41.5	0.7424	160
D8440-30-30X3.0	30	24	52	1.5793	250
D8440-30-30X4.0	30	22	52	1.6422	315
D8440-30-30X5.0	30	20	52	1.6987	400
D8440-35-35X2.5	35	30	47	1.0985	160
D8440-35-35X3.0	35	29	47	1.135	160
D8440-35-35X3.5	35	28	47	1.1714	160
D8440-35-35X4.0	35	27	47	1.2066	160
D8440-38-38X4.0	38	30	56.5	2.5117	315
D8440-38-38X5.0	38	28	56.5	2.597	315
D8440-38-38X6.0	38	26	56.5	2.6752	315
D8440-42-42X3.0	42	36	47	1.5788	160
D8440-42-42X4.0	42	34	47	1.6651	160

D8505-ED

FMS-MM ED STRAIGHT. METRIC ISO 9974-2 FORM E ELASTOMERIC SEAL DIN 3869 (EGVD M - WD)

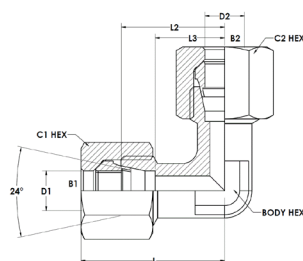


		B1			B2							
		FEMALE METRIC SWIVEL DIN 24DEG			MALE METRIC FORM E CAPTIVE SEAL							
		DIN , ISO 8434-1			ISO 9974, ISO 6149, DIN 7631							
Part #	CODE	D1	THREAD	C1	D2	THREAD	L1	L2	BODY	WT	BAR	
D8505-L06-10-ED	LIGHT	6	M12X1.5	17	3	M10X1.0	32.5	24.4	14	0.1198	500	
D8505-L08-12-ED		8	M14X1.5	17	5	M12X1.5	38.5	26.4	17	0.1517	500	
D8505-L08-14-ED		8	M14X1.5	17		M14X1.5	38.5	26.4	19	0.1654	500	
D8505-L10-14-ED		10	M16X1.5	19	6.5	M14X1.5	40.5	27.4	19	0.1982	500	
D8505-L12-16-ED		12	M18X1.5	22	8	M16X1.5	43	30.4	22	0.269	400	
D8505-L12-18-ED		12	M18X1.5	22		M18X1.5	43	30.4	24	0.2965	400	
D8505-L12-22-ED		12	M18X1.5	22	14	M22X1.5	41.5	26.9	27	0.3261	400	
D8505-L15-18-ED		15	M22X1.5	27	11	M18X1.5	45.5	31.4	24	0.395	400	
D8505-L15-22-ED		15	M22X1.5	27	11	M22X1.5	48	31.9	27	0.4519	400	
D8505-L18-22-ED		18	M26X1.5	32	13	M22X1.5	45	31.4	27	0.5144	400	
D8505-L22-26-ED		22	M30X2.0	36	17	M26X1.5	50.5	32.4	32	0.7045	250	
D8505-L28-33-ED		28	M36X2.0	41	23	M33X2.0	56	34.9	41	1.0172	250	
D8505-L35-42-ED		35	M45X2.0	50	28	M42X2.0	63.5	42.5	50	1.7341	250	
D8505-L42-48-ED		42	M52X2.0	60	35	M48X2.0	69	46.5	55	2.4078	250	
D8505-S06-12-ED	HEAVY	6	M14X1.5	17	3	M12X1.5	39.5	26.9	17	0.1793	630	
D8505-S08-14-ED		8	M16X1.5	19	5	M14X1.5	42	29.4	19	0.2469	630	
D8505-S10-16-ED		10	M18X1.5	22	6	M16X1.5	44	31.9	22	0.3225	630	
D8505-S12-16-ED		12	M20X1.5	24		M16X1.5	46.5	32.9	22	0.387	630	
D8505-S12-18-ED		12	M20X1.5	24	8	M18X1.5	47.5	33.9	24	0.4153	630	
D8505-S12-20-ED		12	M20X1.5	24		M20X1.5	51.5	35.9	27	0.4888	630	
D8505-S14-20-ED		14	M22X1.5	27	9	M20X1.5	51.5	36.4	27	0.5546	630	
D8505-S16-22-ED		16	M24X1.5	30	11	M22X1.5	51.5	36.9	27	0.617	400	
D8505-S20-27-ED		20	M30X2.0	36	14	M27X2.0	58.5	43	32	0.9911	400	
D8505-S25-33-ED		25	M36X2.0	46	18	M33X2.0	65	48	41	1.7547	400	
D8505-S30-42-ED		30	M42X2.0	50	22	M42X2.0	68.5	51	50	2.4225	400	
D8505-S38-48-ED		38	M52X2.0	60	30	M48X2.0	78	60	55	3.4799	400	

ELBOWS

D2500

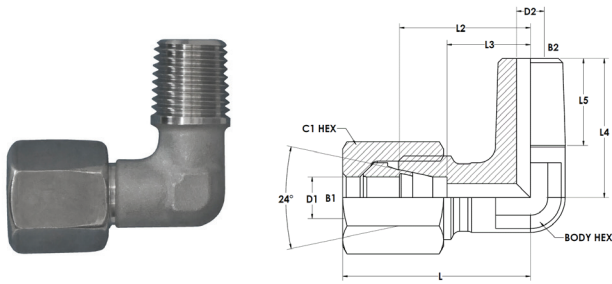
MBT-MBT 90 ELBOW UNION COMPLETE WITH TUBE NUTS AND SLEEVES (WV)



		B1			B2							
		DIN METRIC TUBE COMPRESSION			DIN METRIC TUBE COMPRESSION							
		DIN 2353, ISO 8434-1			DIN 2353, ISO 8434-1							
Part #	CODE	D1	THREAD	C1	D2	THREAD	C2	L1	L2	BODY	WT	BAR
D2500-E04-E04	EXTRA LIGHT	4	M08X1.0	10	4	M08X1.0	10	21	15	9.0	0.044	100
D2500-E06-E06		6	M10X1.0	12	6	M10X1.0	12	21	15	9.0	0.052	100
D2500-E08-E08		8	M12X1.0	14	8	M12X1.0	14	23	17	12.0	0.075	100
D2500-E10-E10		10	M14X1.0	17	10	M14X1.0	17	27	21	14.0	0.123	100
D2500-E12-E12		12	M16X1.0	19	12	M16X1.0	19	28.5	21.5	14.0	0.128	100
D2500-L06-L06	LIGHT	6	M12X1.5	14	6	M12X1.5	14	27	19	12.0	0.106	500
D2500-L08-L08		8	M14X1.5	17	8	M14X1.5	17	29	21	12.0	0.141	500
D2500-L10-L10		10	M16X1.5	19	10	M16X1.5	19	30	22	14.0	0.177	500
D2500-L12-L12		12	M18X1.5	22	12	M18X1.5	22	32	24	17.0	0.233	400
D2500-L15-L15		15	M22X1.5	27	15	M22X1.5	27	36.5	28	19.0	0.398	400
D2500-L18-L18		18	M26X1.5	32	18	M26X1.5	32	40.5	31	24.0	0.581	400
D2500-L22-L22		22	M30X2.0	36	22	M30X2.0	36	45.5	35	27.0	0.783	250
D2500-L28-L28		28	M36X2.0	41	28	M36X2.0	41	49	38	36.0	1.096	250
D2500-L35-L35		35	M45X2.0	50	35	M45X2.0	50	57	45	41.0	1.662	250
D2500-L42-L42		42	M52X2.0	60	42	M52X2.0	60	63	51	50.0	2.472	250
D2500-S06-S06	HEAVY	6	M14X1.5	17	6	M14X1.5	17	31	23	12.0	0.175	800
D2500-S08-S08		8	M16X1.5	19	8	M16X1.5	19	32	24	14.0	0.218	800
D2500-S10-S10		10	M18X1.5	22	10	M18X1.5	22	34	25	17.0	0.296	800
D2500-S12-S12		12	M20X1.5	24	12	M20X1.5	24	38	29	17.0	0.368	630
D2500-S14-S14		14	M22X1.5	27	14	M22X1.5	27	40	30	19.0	0.499	630
D2500-S16-S16		16	M24X1.5	30	16	M24X1.5	30	43	33	24.0	0.652	630
D2500-S20-S20		20	M30X2.0	36	20	M30X2.0	36	49	37	27.0	1.001	420
D2500-S25-S25		25	M36X2.0	46	25	M36X2.0	46	55	42	36.0	1.868	420
D2500-S30-S30		30	M42X2.0	50	30	M42X2.0	50	63	49	41.0	2.399	420
D2500-S38-S38		38	M52X2.0	60	38	M52X2.0	60	72.5	57	50.0	3.566	420

D2501

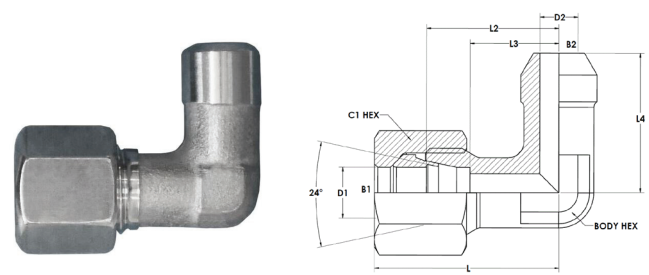
MBT-MP 90 ELBOW (WEV - NPT)



Part #	CODE	B1 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1			B2 MALE NPT ASME/ANSI B1.20.1			L1	L2	BODY	WT	BAR
		D1	THREAD	C1	D2	THREAD						
D2501-E04-02	EXTRA LIGHT	4	M08X1.0	10	3	1/8-27	20.5	15	11	0.04	100	
D2501-E06-02		6	M10X1.0	12	4.5	1/8-27	21	15	11	0.042	100	
D2501-E08-02		8	M12X1.0	14	6	1/8-27	23	17	12	0.055	100	
D2501-L06-02		6	M12X1.5	14	4	1/8-27	27	19	12	0.077	315	
D2501-L06-04		6	M12X1.5	14	4	1/4-18	29	21	12	0.108	315	
D2501-L06-06		6	M12X1.5	14	4	3/8-18	33	25	17	0.156	315	
D2501-L08-02	LIGHT	8	M14X1.5	17	4	1/8-27	29	21	12	0.101	315	
D2501-L08-04		8	M14X1.5	17	6	1/4-18	29	21	12	0.11	315	
D2501-L10-04		10	M16X1.5	19	7	1/4-18	30	22	14	0.137	315	
D2501-L10-06		10	M16X1.5	19	8	3/8-18	32	24	17	0.154	315	
D2501-L12-04		12	M18X1.5	22	7	1/4-18	32	24	17	0.178	315	
D2501-L12-06		12	M18X1.5	22	9	3/8-18	32	24	17	0.189	315	
D2501-L12-08	HEAVY	12	M18X1.5	22	10	1/2-14	36	28	19	0.302	315	
D2501-L15-08		15	M22X1.5	27	12	1/2-14	36.5	28	19	0.326	315	
D2501-L18-08		18	M26X1.5	32	12	1/2-14	40.5	31	24	0.454	315	
D2501-L22-12		22	M30X2.0	36	18	3/4-14	45.5	35	27	0.634	160	
D2501-L28-16		28	M36X2.0	41	23	1-11-1/2	49	38	36	0.947	160	
D2501-L35-20		35	M45X2.0	50	30	1-1/4-11-1/2	60	48	41	1.412	160	
D2501-L42-24	HEAVY	42	M52X2.0	60	36	1-1/2-11-1/2	66	54	50	2.073	160	
D2501-S06-04		6	M14X1.5	17	4	1/4-18	31	23	12	0.137	630	
D2501-S08-04		8	M16X1.5	19	5	1/4-18	32	24	14	0.167	630	
D2501-S08-08		8	M16X1.5	19	5	1/2-14	38	30	19	0.35	630	
D2501-S10-04		10	M18X1.5	22	5	1/4-18	34	25	17	0.218	630	
D2501-S10-06		10	M18X1.5	22	7	3/8-18	34	25	17	0.233	630	
D2501-S12-04		12	M20X1.5		7	1/4-18				0.258	630	
D2501-S12-06		12	M20X1.5	24	8	3/8-18	38	29	17	0.269	630	
D2501-S12-08		12	M20X1.5		8	1/2-14				0.322	630	
D2501-S14-08		14	M22X1.5	27	10	1/2-14	40	30	19	0.394	630	
D2501-S16-08		16	M24X1.5	30	12	1/2-14	43	33	24	0.478	400	
D2501-S20-12		20	M30X2.0	36	16	3/4-14	49	37	27	0.767	400	
D2501-S25-16		25	M36X2.0	46	20	1-11-1/2	55	42	36	1.414	400	
D2501-S30-20		30	M42X2.0	50	25	1-1/4-11-1/2	63	49	41	2	315	
D2501-S38-24		38	M52X2.0	60	32	1-1/2-11-1/2	73.5	58	50	2.85	315	

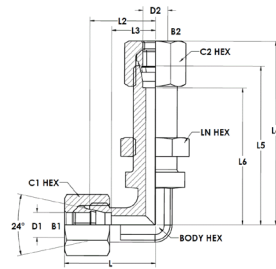
D2525

MBT-BUTTWELD 90 (WASV)



Part #	CODE	B1 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1			B2 BUTTWELD			L1	L2	BODY	WT	BAR
		D1	THREAD	C1	D2							
D2525-L12-12	LIGHT	12	M18X1.5	22	10			32	24	17	0.1633	315
D2525-L15-15		15	M22X1.5	27	12			36.5	28	19	0.2832	315
D2525-L18-18		18	M26X1.5	32	15			40.5	31	24	0.4075	315
D2525-L22-22		22	M30X2.0	36	19			45.5	35	27	0.5666	160
D2525-L28-28		28	M36X2.0	41	24			49	38	36	0.8576	160
D2525-L35-35		35.3	M45X2.0	50	30			57	45	41	1.2886	160
D2525-L42-42	HEAVY	42.3	M52X2.0	60	36			63	51	50	1.9776	160
D2525-S12-12		12	M20X1.5	24	8			38	29	17	0.2657	630
D2525-S16-16		16	M24X1.5	30	12			43	33	24	0.4656	400
D2525-S20-20		20	M30X2.0	36	16			49	37	27	0.7103	400
D2525-S25-25		25	M36X2.0	46	20			55	42	36	1.2983	400
D2525-S30-30		30	M42X2.0	50	25			63	49	41	1.7332	400
D2525-S38-38		38.3	M52X2.0	60	32			72.5	57	50	2.6032	315

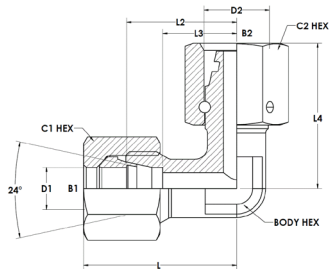
MBT-MBT BULKHEAD 90 ELBOW WITH LOCK NUT (WSV)



		B1			B2									
		DIN METRIC TUBE COMPRESSION			DIN METRIC TUBE COMPRESSION BH									
		DIN 2353, ISO 8434-1			DIN 2353, ISO 8434-1									
Part #	CODE	D1	THREAD	C1	D2	THREAD	C2	LN	LOCKNUT	L1	L2	BODY	WT	BAR
D2701-LN-L06-L06	LIGHT	6	M12X1.5	14	6	M12X1.5	14	17.0	M12X1.5	27	19	12.0	0.181	315
D2701-LN-L08-L08		8	M14X1.5	17	8	M14X1.5	17	19.0	M14X1.5	29	21	12.0	0.242	315
D2701-LN-L10-L10		10	M16X1.5	19	10	M16X1.5	19	22.0	M16X1.5	30	22	14.0	0.301	315
D2701-LN-L12-L12		12	M18X1.5	22	12	M18X1.5	22	24.0	M18X1.5	32	24	17.0	0.379	315
D2701-LN-L15-L15		15	M22X1.5	27	15	M22X1.5	27	30.0	M22X1.5	36.5	28	19.0	0.615	315
D2701-LN-L18-L18		18	M26X1.5	32	18	M26X1.5	32	36.0	M26X1.5	40.5	31	24.0	0.893	315
D2701-LN-L22-L22		22	M30X2.0	36	22	M30X2.0	36	41.0	M30X2.0	45.5	35	27.0	1.183	160
D2701-LN-L28-L28		28	M36X2.0	41	28	M36X2.0	41	46.0	M36X2.0	49	38	36.0	1.633	160
D2701-LN-L35-L35		35	M45X2.0	50	35	M45X2.0	50	55.0	M45X2.0	57	45	41.0	2.56	160
D2701-LN-L42-L42		42	M52X2.0	60	42	M52X2.0	60	65.0	M52X2.0	63	51	50.0	3.71	160
D2701-LN-S06-S06	HEAVY	6	M14X1.5	17	6	M14X1.5	17	19.0	M14X1.5	31	23	12.0	0.284	630
D2701-LN-S08-S08		8	M16X1.5	19	8	M16X1.5	19	22.0	M16X1.5	32	24	14.0	0.357	630
D2701-LN-S10-S10		10	M18X1.5	22	10	M18X1.5	22	24.0	M18X1.5	34	25	17.0	0.464	630
D2701-LN-S12-S12		12	M20X1.5	24	12	M20X1.5	24	27.0	M20X1.5	38	29	17.0	0.572	630
D2701-LN-S14-S14		14	M22X1.5	27	14	M22X1.5	27	30.0	M22X1.5	40	30	19.0	0.737	630
D2701-LN-S16-S16		16	M24X1.5	30	16	M24X1.5	30	32.0	M24X1.5	43	33	24.0	0.914	400
D2701-LN-S20-S20		20	M30X2.0	36	20	M30X2.0	36	41.0	M30X2.0	49	37	27.0	1.456	400
D2701-LN-S25-S25		25	M36X2.0	46	25	M36X2.0	46	46.0	M36X2.0	55	42	36.0	2.498	400
D2701-LN-S30-S30		30	M42X2.0	50	30	M42X2.0	50	50.0	M42X2.0	63	49	41.0	3.289	400
D2701-LN-S38-S38		38	M52X2.0	60	38	M52X2.0	60	65.0	M52X2.0	72.5	57	50.0	4.912	315

D6500

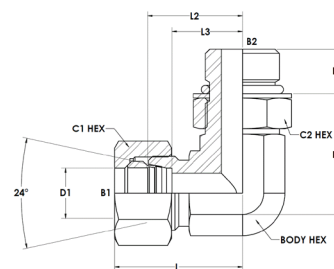
MBT-FMS 90° ELBOW (EWVD)



Part #	CODE	B1 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1			B2 FEMALE METRIC SWIVEL DIN 24DEG DIN 2353, ISO 8434-1			L1	L2	BODY	WT	BAR
		D1	THREAD	C1	D2	THREAD	C2					
D6500-L06-L06	LIGHT	6	M12X1.5	14	6	M12X1.5	17	27	19	12	0.1218	500
D6500-L08-L08		8	M14X1.5	17	8	M14X1.5	17	29	21	12	0.1352	500
D6500-L10-L10		10	M16X1.5	19	10	M16X1.5	19	30	22	14	0.1762	500
D6500-L12-L12		12	M18X1.5	22	12	M18X1.5	22	32	24	17	0.2353	400
D6500-L15-L15		15	M22X1.5	27	15	M22X1.5	27	36.5	28	19	0.3866	400
D6500-L18-L18		18	M26X1.5	32	18	M26X1.5	32	40.5	31	24	0.5635	400
D6500-L22-L22		22	M30X2.0	36	22	M30X2.0	36	45.5	35	27	0.7648	250
D6500-L28-L28		28	M36X2.0	41	28	M36X2.0	41	49	38	36	1.0715	250
D6500-L35-L35		35	M45X2.0	50	35	M45X2.0	50	57	45	41	1.6653	250
D6500-L42-L42		42	M52X2.0	60	42	M52X2.0	60	63	51	50	2.505	250
D6500-S06-S06	HEAVY	6	M14X1.5	17	6	M14X1.5	17	31	23	12	0.154	800
D6500-S08-S08		8	M16X1.5	19	8	M16X1.5	19	32	24	14	0.2006	800
D6500-S10-S10		10	M18X1.5	22	10	M18X1.5	22	34	25	17	0.2734	800
D6500-S12-S12		12	M20X1.5	24	12	M20X1.5	24	38	29	17	0.3361	630
D6500-S14-S14		14	M22X1.5	27	14	M22X1.5	27	40	30	19	0.4551	630
D6500-S16-S16		16	M24X1.5	30	16	M24X1.5	30	43	33	24	0.6028	630
D6500-S20-S20		20	M30X2.0	36	20	M30X2.0	36	49	37	27	0.9356	420
D6500-S25-S25		25	M36X2.0	46	25	M36X2.0	46	55	42	36	1.7394	420
D6500-S30-S30		30	M42X2.0	50	30	M42X2.0	50	63	49	41	2.2279	420
D6500-S38-S38		38	M52X2.0	60	38	M52X2.0	60	72.5	57	50	3.3141	420

D6801-NW0

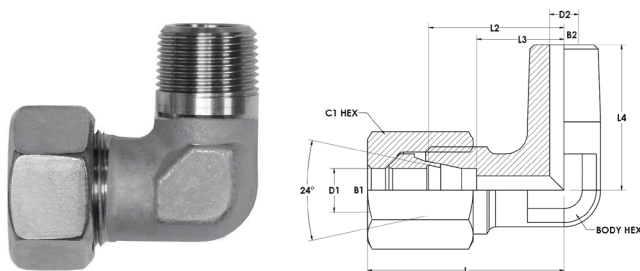
MBT-MAORB 90° ELBOW (WEE - UN0)



Part #	CODE	B1 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1			B2 MALE SAE ADJUSTABLE ORING BOSS SAE J514, ISO 11926			L1	L2	BODY	WT	BAR
		D1	THREAD	C1	THREAD	C2						
D6801-L06-04-NW0	LIGHT	6	M12X1.5	14	7/16-20 UNF	17	29	21	14	0.1521	315	
D6801-L08-04-NW0		8	M14X1.5	17	7/16-20 UNF	17	31	23	14	0.1698	315	
D6801-L10-06-NW0		10	M16X1.5	19	9/16-18 UNF	19	32	24	19	0.2601	315	
D6801-L12-06-NW0		12	M18X1.5	22	9/16-18 UNF	19	34	26	19	0.2844	250	
D6801-L12-08-NW0		12	M18X1.5	22	3/4-16 UNF	24	34	26	19	0.3483	250	
D6801-L15-08-NW0		15	M22X1.5	27	3/4-16 UNF	24	36.5	28	22	0.4696	250	
D6801-L15-10-NW0		15	M22X1.5	27	7/8-14 UNF	27	36.5	28	27	0.6504	250	
D6801-L18-10-NW0		18	M26X1.5	32	7/8-14 UNF	27	40.5	31	27	0.7297	250	
D6801-L18-12-NW0		18	M26X1.5	32	1-1/16-12 UN	36	40.5	31	30	1.0097	250	
D6801-L22-12-NW0		22	M30X2.0	36	1-1/16-12 UN	36	45.5	35	30	1.0692	160	
D6801-L28-16-NW0	HEAVY	28	M36X2.0	41	1-5/16-12 UN	41	49	38	36	1.4242	160	
D6801-L35-20-NW0		35	M45X2.0	50	1-5/8-12 UN	50	60	48	50	2.8572	160	
D6801-L42-24-NW0		42	M52X2.0	60	1-7/8-12 UN	55	61	49	50	2.9277	160	
D6801-S06-04-NW0		6	M14X1.5	17	7/16-20 UNF	17	30	22	14	0.1786	315	
D6801-S08-06-NW0		8	M16X1.5	19	9/16-18 UNF	19	32	24	19	0.2756	315	
D6801-S10-06-NW0		10	M18X1.5	22	9/16-18 UNF	19	34	25	19	0.3086	250	
D6801-S12-08-NW0		12	M20X1.5	24	3/4-16 UNF	24	38	29	22	0.4718	250	
D6801-S14-08-NW0		14	M22X1.5	27	3/4-16 UNF	24	40	30	22	0.5181	250	
D6801-S16-10-NW0		16	M24X1.5	30	7/8-14 UNF	27	43	33	27	0.7628	250	
D6801-S20-12-NW0		20	M30X2.0	36	1-1/16-12 UN	36	50	38	30	1.1839	250	
D6801-S25-12-NW0		25	M36X2.0	46	1-1/16-12 UN	36	55	42	36	1.7769	250	
D6801-S30-20-NW0		30	M42X2.0	50	1-5/8-12 UN	50	63	49	50	3.1416	160	
D6801-S38-24-NW0		38	M52X2.0	60	1-7/8-12 UN	55	65.5	50	50	3.3532	160	

D7501

MBT-MBSPT 90 ELBOW. (WEV R - KEG)



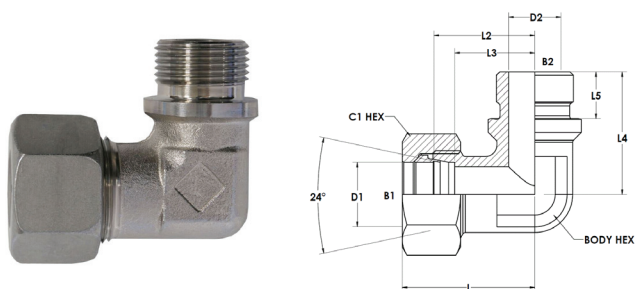
Part #	CODE	B1 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1			B2 MALE BSPT (R) DIN 3852-2 FORM C			L1	L2	BODY	WT	BAR
		D1	THREAD	C1	D2	THREAD						
D7501-E04-02	EXTRA LIGHT	4	M08X1.0	10	3	1/8-28	21	15	9	0.0382	100	
D7501-E06-02		6	M10X1.0	12	4.5	1/8-28	21	15	9	0.0398	100	
D7501-E08-02		8	M12X1.0	14	6	1/8-28	23	17	12	0.0547	100	
D7501-E10-04		10	M14X1.0	17	7	1/4-19	27.3	21.5	14	0.1071	100	
D7501-E12-04		12	M16X1.0	19	7	1/4-19	29.3	22	14	0.1016	100	
D7501-L06-02	LIGHT	6	M12X1.5	14	4	1/8-28	27	19	12	0.0746	315	
D7501-L06-04		6	M12X1.5	14	6	1/4-19	29	21	12	0.098	315	
D7501-L08-02		8	M14X1.5	17	4	1/8-28	29	21	12	0.1021	315	
D7501-L08-04		8	M14X1.5	17	6	1/4-19	29	21	12	0.1107	315	
D7501-L08-06		8	M14X1.5	17	6	3/8-19	32	24	14	0.1429	315	
D7501-L08-08		8	M14X1.5	17		1/2-14	36	28	19	0.266	315	
D7501-L10-02		10	M16X1.5	19		1/8-28	30.5	22.5	14	0.1164	315	
D7501-L10-04		10	M16X1.5	19	7	1/4-19	30	22	14	0.1347	315	
D7501-L10-06		10	M16X1.5	19	8	3/8-19	30	22	14	0.1529	315	
D7501-L10-08		10	M16X1.5	19		1/2-14	36	28	19	0.2726	315	
D7501-L12-04		12	M18X1.5	22	7	1/4-19	32	24	17	0.1712	315	
D7501-L12-06		12	M18X1.5	22	9	3/8-19	32	24	17	0.1843	315	
D7501-L12-08		12	M18X1.5	22	10	1/2-14	36	28	19	0.2956	315	
D7501-L15-06		15	M22X1.5	27		3/8-19	36.5	28	19	0.3049	315	
D7501-L15-08		15	M22X1.5	27	12	1/2-14	36.5	28	19	0.3194	315	
D7501-L15-12		15	M22X1.5	27		3/4-14	41.5	33	24	0.4358	315	
D7501-L18-08		18	M26X1.5	32	14	1/2-14	40.5	31	24	0.4234	315	
D7501-L18-12		18	M26X1.5	32		3/4-14	41.5	32	24	0.4106	315	

Continued...

Part #	CODE	B1 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1			B2 MALE BSPT (R) DIN 3852-2 FORM C			L1	L2	BODY	WT	BAR
		D1	THREAD	C1	D2	THREAD						
D7501-L22-12	LIGHT	22	M30X2.0	36		3/4-14	45.5	35	27	0.5983	160	
D7501-L28-16		28	M36X2.0	41		1-11	49	38	36	0.9529	160	
D7501-L35-20		35	M45X2.0	50		1-1/4-11	60	48	41	1.4062	160	
D7501-L42-24		42	M52X2.0	60		1-1/2-11	66	54	50	2.0961	160	
D7501-S06-04		6	M14X1.5	17	4	1/4-19	31	23	12	0.1333	400	
D7501-S06-06	HEAVY	6	M14X1.5	17	4	3/8-19	31	23	14	0.1657	400	
D7501-S08-04		8	M16X1.5	19	5	1/4-19	32	24	14	0.1636	400	
D7501-S10-04		10	M18X1.5	22	5	1/4-19	34	25	17	0.2138	400	
D7501-S10-06		10	M18X1.5	22	7	3/8-19	34	25	17	0.2268	400	
D7501-S10-08		10	M18X1.5	22	7	1/2-14	39	30	19	0.344	400	
D7501-S12-04		12	M20X1.5	24		1/4-19	38	29	17	0.2477	400	
D7501-S12-06		12	M20X1.5	24	8	3/8-19	38	29	17	0.2635	400	
D7501-S12-08		12	M20X1.5	24	8	1/2-14	39	30	19	0.3343	400	
D7501-S14-06		14	M22X1.5	27		3/8-19	40	30	19	0.3551	400	
D7501-S14-08		14	M22X1.5	27	10	1/2-14	40	30	19	0.3767	400	
D7501-S16-06		16	M24X1.5	30		3/8-19	43	33	24	0.47	400	
D7501-S16-08		16	M24X1.5	30	12	1/2-14	43	33	24	0.4645	400	
D7501-S16-12		16	M24X1.5	30		3/4-14	47	37	27	0.5974	400	
D7501-S20-08		20	M30X2.0	36		1/2-14	49	37	27	0.7484	400	
D7501-S20-12		20	M30X2.0	36		3/4-14	49	37	27	0.6893	250	
D7501-S25-12		25	M36X2.0	46		3/4-14	55	42	36	1.2991	250	
D7501-S25-16		25	M36X2.0	46		1-11	55	42	36	1.3939	250	
D7501-S38-24		38	M52X2.0	60		1-1/2-11	72.5	57	50	2.8012	250	

D7801-CF

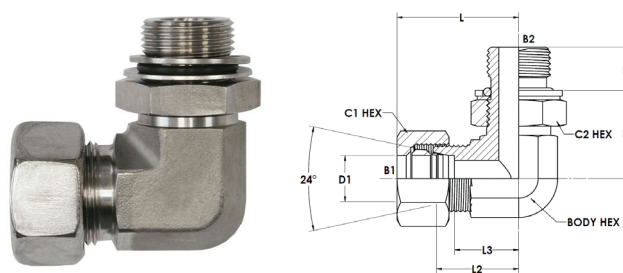
MBT-MBSPP CF 90 ELBOW. (WEV R - ZYL)



Part #	CODE	B1 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1				B2 MALE BSPP FORM B DIN 3852-2 FORM B				L1	L2	BODY	WT	BAR
		D1	THREAD	C1	D2	THREAD	L1	L2	BODY					
D7801-L22-12-CF	LIGHT	22	M30X2.0	36	18	3/4-14	45.5	35	27	0.627	160			
D7801-L28-16-CF		28	M36X2.0	41	23	1-11	49	38	36	0.969	160			
D7801-L35-20-CF		35	M45X2.0	50	30	1-1/4-11	57	45	41	1.4681	160			
D7801-L42-24-CF	HEAVY	42	M52X2.0	60	36	1-1/2-11	63	51	50	2.1826	160			
D7801-S20-12-CF		20	M30X2.0	36	16	3/4-14	49	37	27	0.7709	250			
D7801-S25-16-CF		25	M36X2.0	46	20	1-11	55	42	36	1.4296	250			
D7801-S30-16-CF		30	M42X2.0	50		1-11	63	49	41	1.851	250			
D7801-S30-20-CF		30	M42X2.0	50	25	1-1/4-11	63	49	41	2.0257	160			
D7801-S38-24-CF		38	M52X2.0	60	32	1-1/2-11	72.5	57	50	2.9362	160			

D7801-NWO-RR

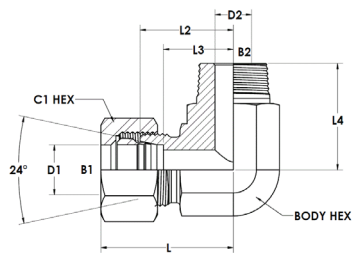
MBT-MBSPPAORB RR 90 ELBOW. (WEE R)



Part #	CODE	B1 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1				B2 MALE BSPP ADJUSTABLE ORR ISO 1179, ISO 8434-6, BS 5200				L1	L2	BODY	WT	BAR
		D1	THREAD	C1	THREAD	C2	L1	L2	BODY					
D7801-L06-02-NWO-RR	LIGHT	6	M12X1.5	14	1/8-28	14	29	21	14	0.1279	315			
D7801-L08-04-NWO-RR		8	M14X1.5	17	1/4-19	19	31	23	14	0.1962	315			
D7801-L10-04-NWO-RR		10	M16X1.5	19	1/4-19	19	32	24	19	0.269	315			
D7801-L10-06-NWO-RR		10	M16X1.5	19	3/8-19	19	32	24	19	0.2866	315			
D7801-L12-06-NWO-RR		12	M18X1.5	22	3/8-19	22	34	26	19	0.3175	250			
D7801-L15-08-NWO-RR		15	M22X1.5	27	1/2-14	27	36.5	28	22	0.485	250			
D7801-L18-08-NWO-RR		18	M26X1.5	32	1/2-14	27	40.5	31	27	0.6967	250			
D7801-L22-12-NWO-RR		22	M30X2.0	36	3/4-14	36	45.5	35	30	0.9921	160			
D7801-L28-16-NWO-RR		28	M36X2.0	41	1-11	41	49	38	36	1.455	160			
D7801-L35-20-NWO-RR		35	M45X2.0	50	1-1/4-11	50	60	48	50	3.049	160			
D7801-L42-24-NWO-RR	HEAVY	42	M52X2.0	60	1-1/2-11	55	61	49	50	3.1724	160			
D7801-S06-04-NWO-RR		6	M14X1.5	17	1/4-19	19	30	22	14	0.2072	315			
D7801-S08-04-NWO-RR		8	M16X1.5	19	1/4-19	19	32	24	19	0.2844	315			
D7801-S10-06-NWO-RR		10	M18X1.5	22	3/8-19	22	34	25	19	0.3395	250			
D7801-S12-04-NWO-RR		12	M20X1.5	24	1/4-19	19	38	29	22	0.4211	250			
D7801-S12-06-NWO-RR		12	M20X1.5	24	3/8-19	22	38	29	22	0.4409	250			
D7801-S14-08-NWO-RR		14	M22X1.5	27	1/2-14	27	40	30	22	0.5335	250			
D7801-S16-08-NWO-RR		16	M24X1.5	30	1/2-14	27	43	33	27	0.7275	250			
D7801-S20-12-NWO-RR		20	M30X2.0	36	3/4-14	36	50	38	30	1.1089	250			
D7801-S25-16-NWO-RR		25	M36X2.0	46	1-11	41	55	42	36	1.8342	250			
D7801-S30-20-NWO-RR		30	M42X2.0	50	1-1/4-11	50	63	49	50	3.3356	160			
D7801-S38-24-NWO-RR		38	M52X2.0	60	1-1/2-11	55	65.5	50	50	3.6046	160			

D8501

MBT-MMT 90° ELBOW. MMT (MALE METRIC TAPERED) (WEV M - KEG)

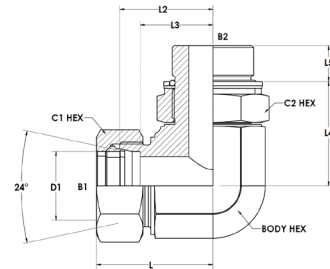


Part #	CODE	B1 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1			B2 MALE METRIC TAPERED DIN 3852-1 FORM C			L1	L2	BODY	WT	BAR
		D1	THREAD	C1	D2	THREAD						
D8501-E04-06	EXTRA LIGHT	4	M08X1.0	10	2	M06X1.0	21	15	11	0.0485	100	
D8501-E04-08		4	M08X1.0	10	3	M08X1.0	21	15	9	0.034	100	
D8501-E06-06		6	M10X1.0	12	2.5	M06X1.0	20.8	15	11	0.05	100	
D8501-E06-08		6	M10X1.0	12	3	M08X1.0	21	15	11	0.054	100	
D8501-E08-10	LIGHT	8	M12X1.0	12	6	M10X1.0	21	15	9	0.0407	100	
D8501-L06-10		6	M12X1.5	14	4	M10X1.0	27	19	12	0.0763	315	
D8501-L08-12		8	M14X1.5	17	6	M12X1.5	29	21	12	0.1051	315	
D8501-L10-14		10	M16X1.5	19	7	M14X1.5	30	22	14	0.1391	315	
D8501-L12-16		12	M18X1.5	22	9	M16X1.5	32	24	17	0.1807	315	
D8501-L12-18		12	M18X1.5	22		M18X1.5	32	24	17	0.1926	315	
D8501-L15-18		15	M22X1.5	27	11	M18X1.5	36.5	28	19	0.2939	315	
D8501-L18-22		18	M26X1.5	32	14	M22X1.5	40.5	31	24	0.4395	315	
D8501-S06-12	HEAVY	6	M14X1.5	17	4	M12X1.5	31	23	12	0.129	400	
D8501-S08-14		8	M16X1.5	19	5	M14X1.5	32	24	14	0.1672	400	
D8501-S10-16		10	M18X1.5	22	7	M16X1.5	34	25	17	0.2231	400	
D8501-S12-18		12	M20X1.5	24	8	M18X1.5	38	29	17	0.2719	400	
D8501-S14-20		14	M22X1.5	27	10	M20X1.5	40	30	19	0.3725	400	
D8501-S16-22		16	M24X1.5	30	12	M22X1.5	43	33	24	0.4785	400	

D8801-NW0-RR

MBT-MMAORB RR 90° ELBOW

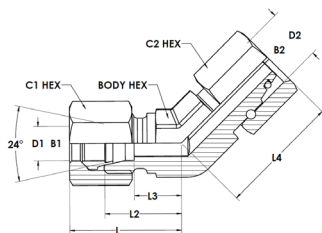
MALE METRIC ADJUSTABLE O-RING BOSS WITH RETAINING RING (WEE M)



Part #	CODE	B1 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1			B2 MALE METRIC ADJUSTABLE ORR ISO 6149-2/3, ISO 9974-1			L1	L2	BODY	WT	BAR
		D1	THREAD	C1	THREAD	C2						
D8801-L06-10-NW0-RR	LIGHT	6	M12X1.5	14	M10X1.0	14	29	21	14	0.1279	315	
D8801-L08-12-NW0-RR		8	M14X1.5	17	M12X1.5	17	31	23	14	0.1808	315	
D8801-L10-14-NW0-RR		10	M16X1.5	19	M14X1.5	19	32	24	19	0.2756	315	
D8801-L12-16-NW0-RR		12	M18X1.5	22	M16X1.5	22	34	26	19	0.3175	315	
D8801-L15-18-NW0-RR		15	M22X1.5	27	M18X1.5	24	36.5	28	22	0.4586	315	
D8801-L18-22-NW0-RR		18	M26X1.5	32	M22X1.5	27	40.5	31	27	0.7143	250	
D8801-L22-27-NW0-RR		22	M30X2.0	36	M27X2.0	32	45.5	35	30	0.9414	160	
D8801-L28-33-NW0-RR		28	M36X2.0	41	M33X2.0	41	49	38	36	1.4661	160	
D8801-L35-42-NW0-RR	HEAVY	35	M45X2.0	50	M42X2.0	50	60	48	50	3.0732	160	
D8801-L42-48-NW0-RR		42	M52X2.0	60	M48X2.0	55	61	49	50	3.1614	160	
D8801-S06-12-NW0-RR		6	M14X1.5	17	M12X1.5	17	30	22	14	0.1896	315	
D8801-S08-14-NW0-RR		8	M16X1.5	19	M14X1.5	19	32	24	19	0.291	315	
D8801-S10-16-NW0-RR		10	M18X1.5	22	M16X1.5	22	34	25	19	0.3395	315	
D8801-S12-18-NW0-RR		12	M20X1.5	24	M18X1.5	24	38	29	22	0.4608	315	
D8801-S14-22-NW0-RR		14	M22X1.5	27	M22X1.5	27	40	30	22	0.549	315	
D8801-S16-22-NW0-RR		16	M24X1.5	30	M22X1.5	27	43	33	27	0.7474	250	
D8801-S20-27-NW0-RR		20	M30X2.0	36	M27X2.0	32	50	38	30	1.0538	250	
D8801-S25-33-NW0-RR		25	M36X2.0	46	M33X2.0	41	55	42	36	1.8431	160	
D8801-S30-42-NW0-RR		30	M42X2.0	50	M42X2.0	50	63	49	50	3.3598	160	
D8801-S38-48-NW0-RR		38	M52X2.0	60	M48X2.0	55	65.5	50	50	3.5869	160	

D6502

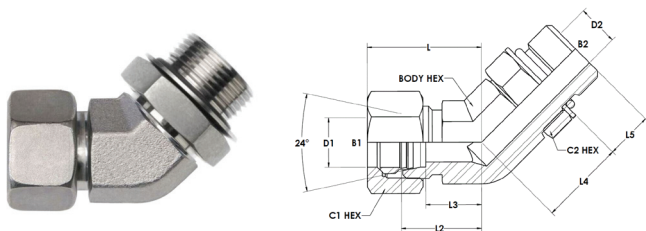
MBT-FMS 45 ELBOW (EWVD 45)



Part #	CODE	B1 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1			B2 FEMALE METRIC SWIVEL DIN 24DEG DIN 2353, ISO 8434-1			L1	L2	BODY	WT	BAR
		D1	THREAD	C1	D2	THREAD	C2					
D6502-L06-L06	LIGHT	6	M12X1.5	14	6	M12X1.5	17	24	16	14	0.1382	500
D6502-L08-L08		8	M14X1.5	17	8	M14X1.5	17	27	19	14	0.1534	500
D6502-L10-L10		10	M16X1.5	19	10	M16X1.5	19	27	19	19	0.226	500
D6502-L12-L12		12	M18X1.5	22	12	M18X1.5	22	29	21	19	0.2701	400
D6502-L15-L15		15	M22X1.5	27	15	M22X1.5	27	32.5	24	22	0.4086	400
D6502-L18-L18		18	M26X1.5	32	18	M26X1.5	32	33.5	24	27	0.6287	400
D6502-L22-L22		22	M30X2.0	36	22	M30X2.0	36	36.5	26	30	0.8227	250
D6502-L28-L28		28	M36X2.0	41	28	M36X2.0	41	41.5	30.5	36	1.0875	250
D6502-L35-L35		35	M45X2.0	50	35	M45X2.0	50	49	37	50	2.2318	250
D6502-L42-L42		42	M52X2.0	60	42	M52X2.0	60	49	37	50	2.4824	250
D6502-S06-S06	HEAVY	6	M14X1.5	17	6	M14X1.5	17	25.5	17.5	14	0.163	800
D6502-S08-S08		8	M16X1.5	19	8	M16X1.5	19	28	20	19	0.2434	800
D6502-S10-S10		10	M18X1.5	22	10	M18X1.5	22	30	21	19	0.2985	800
D6502-S12-S12		12	M20X1.5	24	12	M20X1.5	24	33	24	22	0.3954	630
D6502-S14-S14		14	M22X1.5	27	14	M22X1.5	27	34	24	22	0.4725	630
D6502-S16-S16		16	M24X1.5	30	16	M24X1.5	30	34	24	27	0.6382	630
D6502-S20-S20		20	M30X2.0	36	20	M30X2.0	36	38.5	26.5	30	0.9792	420
D6502-S25-S25		25	M36X2.0	46	25	M36X2.0	46	43.5	30.5	36	1.7106	420
D6502-S30-S30		30	M42X2.0	50	30	M42X2.0	50	51	37	50	2.6694	420
D6502-S38-S38		38	M52X2.0	60	38	M52X2.0	60	52.5	37	50	3.1079	420

D6802-NW0

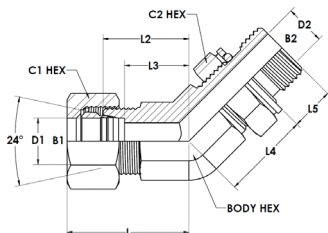
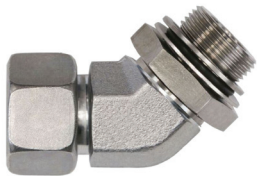
MBT-MAORB 45° (VEE - UNF)



Part #	CODE	B1			B2							
		DIN METRIC TUBE COMPRESSION			MALE SAE ADJUSTABLE ORING BOSS							
		DIN 2353, ISO 8434-1			SAE J514, ISO 11926							
		D1	THREAD	C1	D2	THREAD	C2	L1	L2	BODY	WT	BAR
D6802-L06-04-NW0	LIGHT	6	M12X1.5	14	4.5	7/16-20 UNF	17	24	16	14	0.1325	315
D6802-L08-04-NW0		8	M14X1.5	17	4.5	7/16-20 UNF	17	27	19	14	0.1534	315
D6802-L10-06-NW0		10	M16X1.5	19	7.5	9/16-18 UNF	19	27	19	19	0.2298	315
D6802-L12-06-NW0		12	M18X1.5	22	7.5	9/16-18 UNF	19	29	21	19	0.2576	250
D6802-L12-08-NW0		12	M18X1.5	22	10	3/4-16 UNF	24	29	21	19	0.3157	250
D6802-L15-08-NW0		15	M22X1.5	27	10	3/4-16 UNF	24	32.5	24	22	0.4104	250
D6802-L15-10-NW0		15	M22X1.5	27	12.5	7/8-14 UNF	27	32.5	24	27	0.5598	250
D6802-L18-10-NW0		18	M26X1.5	32	12.5	7/8-14 UNF	27	33.5	24	27	0.6293	250
D6802-L18-12-NW0		18	M26X1.5	32	15.5	1 1/16-12 UN	36	33.5	24	30	0.8552	250
D6802-L22-12-NW0		22	M30X2.0	36	15.5	1 1/16-12 UN	36	36.5	26	30	0.9287	160
D6802-L28-16-NW0		28	M36X2.0	41	21.5	1 5/16-12 UN	41	41.5	30.5	36	1.2269	160
D6802-L35-20-NW0		35.3	M45X2.0	50	27.5	1 5/8-12 UN	50	49	37	50	2.2423	160
D6802-L42-24-NW0	HEAVY	42.3	M52X2.0	60	33.5	1 7/8-12 UN	55	49	37	50	2.3572	160
D6802-S06-04-NW0		6	M14X1.5	17	4.5	7/16-20 UNF	17	25.5	17.5	14	0.1633	315
D6802-S08-06-NW0		8	M16X1.5	19	7.5	9/16-18 UNF	19	28	20	19	0.2419	315
D6802-S10-06-NW0		10	M18X1.5	22	7.5	9/16-18 UNF	19	30	21	19	0.273	250
D6802-S12-08-NW0		12	M20X1.5	24	10	3/4-16 UNF	24	33	24	22	0.3985	250
D6802-S14-08-NW0		14	M22X1.5	27	10	3/4-16 UNF	24	34	24	22	0.4656	250
D6802-S16-10-NW0		16	M24X1.5	30	12.5	7/8-14 UNF	27	34	24	27	0.6389	250
D6802-S20-12-NW0		20	M30X2.0	36	15.5	1 1/16-12 UN	36	38.5	26.5	30	1.0115	250
D6802-S25-12-NW0		25	M36X2.0	46	15.5	1 1/16-12 UN	36	43.5	30.5	36	1.4903	250
D6802-S30-20-NW0		30	M42X2.0	50	27.5	1 5/8-12 UN	50	51	37	50	2.4613	160
D6802-S38-24-NW0		38.3	M52X2.0	60	33.5	1 7/8-12 UN	55	52.5	37	50	2.7218	160

D7802-NW0-RR

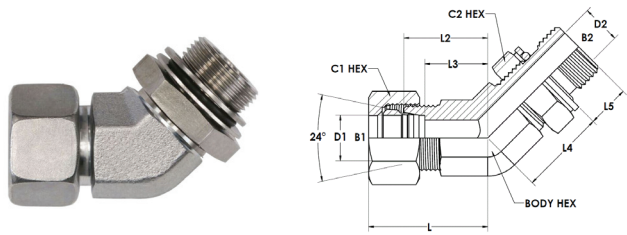
MBT-MBSPPADJ 45 (VEE R)



Part #	CODE	B1			B2							
		DIN METRIC TUBE COMPRESSION			MALE MBSPP ADJUSTABLE ORR							
		DIN 2353, ISO 8434-1			ISO 1179							
		D1	THREAD	C1	D2	THREAD	C2	L1	L2	BODY	WT	BAR
D7802-L06-02-NW0-RR	LIGHT	6	M12X1.5	14	4	G1/8	14	24	16	14	0.1189	315
D7802-L08-04-NW0-RR		8	M14X1.5	17	5	G1/4	19	27	19	14	0.1787	315
D7802-L10-04-NW0-RR		10	M16X1.5	19	5	G1/4	19	27	19	19	0.2415	315
D7802-L12-06-NW0-RR		12	M18X1.5	22	8	G3/8	22	29	21	19	0.2997	250
D7802-L15-08-NW0-RR		15	M22X1.5	27	12	G1/2	27	32.5	24	22	0.45	250
D7802-L18-08-NW0-RR		18	M26X1.5	32	12	G1/2	27	33.5	24	27	0.6304	250
D7802-L22-12-NW0-RR		22	M30X2.0	36	16	G3/4	36	36.5	26	30	0.9091	160
D7802-L28-16-NW0-RR		28	M36X2.0	41	20	G1	41	41.5	30.5	36	1.277	160
D7802-L35-20-NW0-RR		35.3	M45X2.0	50	25	G1.1/4	50	49	37	50	2.4117	160
D7802-L42-24-NW0-RR		42.3	M52X2.0	60	32	G1.1/2	55	49	37	50	2.6184	160
D7802-S06-04-NW0-RR	HEAVY	6	M14X1.5	17	5	G1/4	19	25.5	17.5	14	0.186	315
D7802-S08-04-NW0-RR		8	M16X1.5	19	5	G1/4	19	28	20	19	0.2487	315
D7802-S10-06-NW0-RR		10	M18X1.5	22	8	G3/8	22	30	21	19	0.3121	250
D7802-S12-06-NW0-RR		12	M20X1.5	24	8	G3/8	22	33	24	22	0.3772	250
D7802-S14-08-NW0-RR		14	M22X1.5	27	12	G1/2	27	34	24	22	0.4923	250
D7802-S16-08-NW0-RR		16	M24X1.5	30	12	G1/2	27	34	24	27	0.6338	250
D7802-S20-12-NW0-RR		20	M30X2.0	36	16	G3/4	36	38.5	26.5	30	0.9561	250
D7802-S25-16-NW0-RR		25	M36X2.0	46	20	G1	41	43.5	30.5	36	1.5772	250
D7802-S30-20-NW0-RR		30	M42X2.0	50	25	G1.1/4	50	51	37	50	2.6355	160
D7802-S38-24-NW0-RR		38.3	M52X2.0	60	32	G1.1/2	55	52.5	37	50	2.9867	160

D8802-NW0-RR

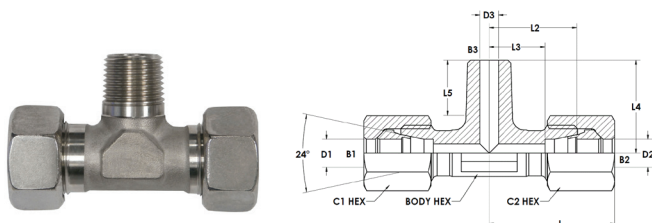
MBT-MMADJ 45° (VEE M)



		B1			B2							
		DIN METRIC TUBE COMPRESSION			MALE METRIC ADJUSTABLE ORR							
		DIN 2353, ISO 8434-1			ISO 6149-2/3, ISO 9974-1							
Part #	CODE	D1	THREAD	C1	D2	THREAD	C2	L1	L2	BODY	WT	BAR
D8802-L06-10-NW0-RR	LIGHT	6	M12X1.5	14	4	M10X1.0	14	24	16	14	0.1186	315
D8802-L08-12-NW0-RR		8	M14X1.5	17	4	M12X1.5	17	27	19	14	0.1624	315
D8802-L10-14-NW0-RR		10	M16X1.5	19	5	M14X1.5	19	27	19	19	0.2384	315
D8802-L12-16-NW0-RR		12	M18X1.5	22	7	M16X1.5	22	29	21	19	0.2873	315
D8802-L15-18-NW0-RR		15	M22X1.5	27	8	M18X1.5	24	32.5	24	22	0.4096	315
D8802-L18-22-NW0-RR		18	M26X1.5	32	12	M22X1.5	27	33.5	24	27	0.6133	250
D8802-L22-27-NW0-RR		22	M30X2.0	36	16	M27X2.0	32	36.5	26	30	0.8001	160
D8802-L28-33-NW0-RR		28	M36X2.0	41	20	M33X2.0	41	41.5	30.5	36	1.2331	160
D8802-L35-42-NW0-RR		35.3	M45X2.0	50	25	M42X2.0	50	49	37	50	2.4162	160
D8802-L42-48-NW0-RR		42.3	M52X2.0	60	32	M48X2.0	55	49	37	50	2.6219	160
D8802-S06-12-NW0-RR	HEAVY	6	M14X1.5	17	4	M12X1.5	17	25.5	17.5	14	0.1697	315
D8802-S08-14-NW0-RR		8	M16X1.5	19	5	M14X1.5	19	28	20	19	0.2503	315
D8802-S10-16-NW0-RR		10	M18X1.5	22	7	M16X1.5	22	30	21	19	0.312	315
D8802-S12-18-NW0-RR		12	M20X1.5	24	8	M18X1.5	24	33	24	22	0.4165	315
D8802-S14-22-NW0-RR		14	M22X1.5	27	12	M22X1.5	27	34	24	22	0.4971	315
D8802-S16-22-NW0-RR		16	M24X1.5	30	12	M22X1.5	27	34	24	27	0.6319	250
D8802-S20-27-NW0-RR		20	M30X2.0	36	16	M27X2.0	32	38.5	26.5	30	0.9297	250
D8802-S25-33-NW0-RR		25	M36X2.0	46	20	M33X2.0	41	43.5	30.5	36	1.5891	160
D8802-S30-42-NW0-RR		30	M42X2.0	50	25	M42X2.0	50	51	37	50	2.6395	160
D8802-S38-48-NW0-RR		38.3	M52X2.0	60	32	M48X2.0	55	52.5	37	50	2.9905	160

D2601

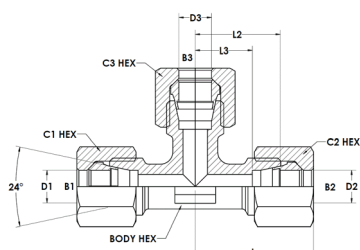
MBT-MBT-MP TEE (TEV - NPT)



Part #	CODE	B1 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1			B2 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1			B3 MALE NPT ASME/ANSI B1.20.1			L1	L2	BODY	WT	BAR
		D1	THREAD	C1	D2	THREAD	C2	D3	THREAD						
D2601-E04-E04-02	EXTRA LIGHT	4	M08X1.0	10	4	M08X1.0	10	3	1/8-27		21	15	9.0	0.058	100
D2601-E06-E06-02		6	M10X1.0	12	6	M10X1.0	12	4.5	1/8-27		22	16	9.0	0.066	100
D2601-E08-E08-02		8	M12X1.0	14	8	M12X1.0	14	6	1/8-27		23	17	12.0	0.09	100
D2601-L06-L06-02	LIGHT	6	M12X1.5	14	6	M12X1.5	14	4	1/8-27		27	19	12.0	0.123	315
D2601-L06-L06-04		6	M12X1.5	14	6	M12X1.5	14	4	1/4-18		27	19	12.0	0.143	315
D2601-L08-L08-04		8	M14X1.5	17	8	M14X1.5	17	6	1/4-18		29	21	12.0	0.177	315
D2601-L10-L10-04		10	M16X1.5	19	10	M16X1.5	19	7	1/4-18		30	22	14.0	0.217	315
D2601-L10-L10-06		10	M16X1.5	19	10	M16X1.5	19	8	3/8-18		31	23	14.0	0.236	315
D2601-L10-L10-08		10	M16X1.5	19	10	M16X1.5	19	11	1/2-14		36	28	19.0	0.382	315
D2601-L12-L12-04		12	M18X1.5	22	12	M18X1.5	22	7	1/4-18		32	24	17.0	0.283	315
D2601-L12-L12-06		12	M18X1.5	22	12	M18X1.5	22	9	3/8-18		32	24	17.0	0.291	315
D2601-L12-L12-08		12	M18X1.5	22	12	M18X1.5	22	10	1/2-14		36	28	19.0	0.417	315
D2601-L15-L15-06		15	M22X1.5	27	15	M22X1.5	27	10	3/8-18		38.5	30	19.0	0.512	315
D2601-L15-L15-08		15	M22X1.5	27	15	M22X1.5	27	11	1/2-14		36.5	28	19.0	0.497	315
D2601-L18-L18-08		18	M26X1.5	32	18	M26X1.5	32	14	1/2-14		40.5	31	24.0	0.694	315
D2601-L22-L22-12		22	M30X2.0	36	22	M30X2.0	36	18	3/4-14		45.5	35	27.0	0.962	160
D2601-L28-L28-16		28	M36X2.0	41	28	M36X2.0	41	23	1-11/2		49	38	36.0	1.327	160
D2601-L35-L35-20		35	M45X2.0	50	35	M45X2.0	50	30	1-1/4-11-1/2		58	46	41.0	2.058	160
D2601-L42-L42-24		42	M52X2.0	60	42	M52X2.0	60	36	1-1/2-11-1/2		63	51	50.0	2.988	160
D2601-S06-S06-04	HEAVY	6	M14X1.5	17	6	M14X1.5	17	4	1/4-18		31	23	12.0	0.218	630
D2601-S08-S08-04		8	M16X1.5	19	8	M16X1.5	19	5	1/4-18		32	24	14.0	0.257	630
D2601-S10-S10-04		10	M18X1.5	22	10	M18X1.5	22	5	1/4-18		34	25	17.0	0.353	630
D2601-S10-S10-06		10	M18X1.5	22	10	M18X1.5	22	7	3/8-18		34	25	17.0	0.364	630
D2601-S10-S10-08		10	M18X1.5	22	10	M18X1.5	22	7	1/2-14		34	25	19.0	0.483	630
D2601-S12-S12-04		12	M20X1.5	24	12	M20X1.5	24	7	1/4-18		38	29	17.0	0.429	630
D2601-S12-S12-06		12	M20X1.5	24	12	M20X1.5	24	8	3/8-18		38	29	17.0	0.434	630
D2601-S12-S12-08		12	M20X1.5	24	12	M20X1.5	24	8	1/2-14		38	29	17.0	0.478	630
D2601-S14-S14-08		14	M22X1.5	27	14	M22X1.5	27	10	1/2-14		40	30	19.0	0.611	630
D2601-S16-S16-08		16	M24X1.5	30	16	M24X1.5	30	12	1/2-14		43	33	24.0	0.759	400
D2601-S20-S20-12		20	M30X2.0	36	20	M30X2.0	36	16	3/4-14		49	37	27.0	1.184	400
D2601-S25-S25-16		25	M36X2.0	46	25	M36X2.0	46	20	1-11/2		55	42	36.0	2.162	400
D2601-S30-S30-20		30	M42X2.0	50	30	M42X2.0	50	25	1-1/4-11-1/2		63.2	49	41.0	2.915	315
D2601-S38-S38-24		38	M52X2.0	60	38	M52X2.0	60	32	1-1/2-11-1/2		72.5	57	50.0	4.248	315

D2603-EQUAL

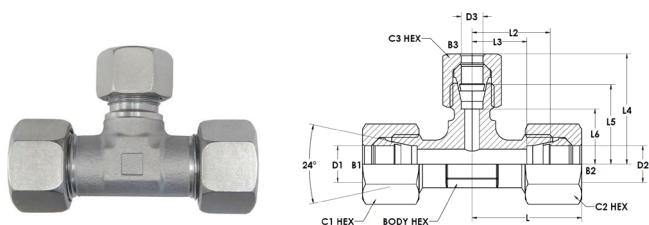
MBT-MBT-MBT EQUAL TEE UNION (TV)



		B1			B2			B3							
		DIN METRIC TUBE COMPRESSION			DIN METRIC TUBE COMPRESSION			DIN METRIC TUBE COMPRESSION							
		DIN 2353, ISO 8434-1			DIN 2353, ISO 8434-1			DIN 2353, ISO 8434-1							
Part #	CODE	D1	THREAD	C1	D2	THREAD	C2	D3	THREAD	C3	L1	L2	BODY	WT	BAR
D2603-E04-E04-E04	EXTRA LIGHT	4	M08X1.0	10	4	M08X1.0	10	4	M08X1.0	10	21	15	9.0	0.063	100
D2603-E06-E06-E06		6	M10X1.0	12	6	M10X1.0	12	6	M10X1.0	12	21	15	9.0	0.077	100
D2603-E08-E08-E08		8	M12X1.0	14	8	M12X1.0	14	8	M12X1.0	14	23	17	12.0	0.107	100
D2603-E10-E10-E10		10	M14X1.0	17	10	M14X1.0	17	10	M14X1.0	17	27.3	21.5	12.0	0.16	100
D2603-E12-E12-E12		12	M16X1.0	19	12	M16X1.0	19	12	M16X1.0	19	28.8	21.5	14.0	0.184	100
D2603-L06-L06-L06	LIGHT	6	M12X1.5	14	6	M12X1.5	14	6	M12X1.5	14	27	19	12.0	0.157	500
D2603-L08-L08-L08		8	M14X1.5	17	8	M14X1.5	17	8	M14X1.5	17	29	21	12.0	0.209	500
D2603-L10-L10-L10		10	M16X1.5	19	10	M16X1.5	19	10	M16X1.5	19	30	22	14.0	0.255	500
D2603-L12-L12-L12		12	M18X1.5	22	12	M18X1.5	22	12	M18X1.5	22	32	24	17.0	0.339	400
D2603-L15-L15-L15		15	M22X1.5	27	15	M22X1.5	27	15	M22X1.5	27	36.5	28	19.0	0.565	400
D2603-L18-L18-L18		18	M26X1.5	32	18	M26X1.5	32	18	M26X1.5	32	40.5	31	24.0	0.829	400
D2603-L22-L22-L22		22	M30X2.0	36	22	M30X2.0	36	22	M30X2.0	36	45.5	35	27.0	1.102	250
D2603-L28-L28-L28		28	M36X2.0	41	28	M36X2.0	41	28	M36X2.0	41	49	38	36.0	1.486	250
D2603-L35-L35-L35	HEAVY	35	M45X2.0	50	35	M45X2.0	50	35	M45X2.0	50	57	45	41.0	2.256	250
D2603-L42-L42-L42		42	M52X2.0	60	42	M52X2.0	60	42	M52X2.0	60	63	51	50.0	3.399	250
D2603-S06-S06-S06		6	M14X1.5	17	6	M14X1.5	17	6	M14X1.5	17	31	23	12.0	0.259	800
D2603-S08-S08-S08		8	M16X1.5	19	8	M16X1.5	19	8	M16X1.5	19	32	24	14.0	0.317	800
D2603-S10-S10-S10		10	M18X1.5	22	10	M18X1.5	22	10	M18X1.5	22	34	25	17.0	0.431	800
D2603-S12-S12-S12		12	M20X1.5	24	12	M20X1.5	24	12	M20X1.5	24	38	29	17.0	0.538	630
D2603-S14-S14-S14		14	M22X1.5	27	14	M22X1.5	27	14	M22X1.5	27	40	30	19.0	0.713	630
D2603-S16-S16-S16		16	M24X1.5	30	16	M24X1.5	30	16	M24X1.5	30	43	33	24.0	0.931	630
D2603-S20-S20-S20		20	M30X2.0	36	20	M30X2.0	36	20	M30X2.0	36	49	37	27.0	1.417	420
D2603-S25-S25-S25		25	M36X2.0	46	25	M36X2.0	46	25	M36X2.0	46	55	42	36.0	2.597	420
D2603-S30-S30-S30		30	M42X2.0	50	30	M42X2.0	50	30	M42X2.0	50	63	49	41.0	3.324	420
D2603-S38-S38-S38		38	M52X2.0	60	38	M52X2.0	60	38	M52X2.0	60	72.5	57	50.0	4.99	420

D2603-REDUCER

MBT-MBT-MBT REDUCING TEE UNION (TRV)



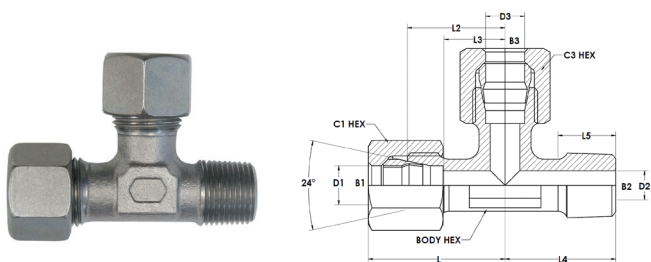
		B1			B2			B3								
		DIN METRIC TUBE COMPRESSION			DIN METRIC TUBE COMPRESSION			DIN METRIC TUBE COMPRESSION								
		DIN 2353, ISO 8434-1			DIN 2353, ISO 8434-1			DIN 2353, ISO 8434-1								
Part #	CODE	D1	THREAD	C1	D2	THREAD	C2	D3	THREAD	C3	L1	L2	BODY	WT	BAR	
D2603-L06-L06-L08	LIGHT	6	M12X1.5	14	6	M12X1.5	14	8	M14X1.5	17	29	21	12.0	0.179	500	
D2603-L06-L06-L10		6	M12X1.5	14	6	M12X1.5	14	10	M16X1.5	19	30	22	14.0	0.212	500	
D2603-L08-L08-L06		8	M14X1.5	17	8	M14X1.5	17	6	M12X1.5	14	29	21	12.0	0.192	500	
D2603-L08-L08-L10		8	M14X1.5	17	8	M14X1.5	17	10	M16X1.5	19	30	22	14.0	0.239	500	
D2603-L08-L08-L12		8	M14X1.5	17	8	M14X1.5	17	12	M18X1.5	22	32	24	17.0	0.294	400	
D2603-L10-L06-L10		10	M16X1.5	19	6	M12X1.5	14	10	M16X1.5	19	30	22	14.0	0.23	500	
D2603-L10-L10-L06		10	M16X1.5	19	10	M16X1.5	19	6	M12X1.5	14	30	22	14.0	0.233	500	
D2603-L10-L10-L08		10	M16X1.5	19	10	M16X1.5	19	8	M14X1.5	17	30	22	14.0	0.247	500	
D2603-L10-L10-L15		10	M16X1.5	19	10	M16X1.5	19	15	M22X1.5	27	36	28	19.0	0.447	400	
D2603-L12-L08-L08		12	M18X1.5	22	8	M14X1.5	17	8	M14X1.5	17	32	24	17.0	0.29	400	
D2603-L12-L08-L12		12	M18X1.5	22	8	M14X1.5	17	12	M18X1.5	22	32	24	17.0	0.313	400	
D2603-L12-L10-L10		12	M18X1.5	22	10	M16X1.5	19	10	M16X1.5	19	32	24	17.0	0.308	400	
D2603-L12-L10-L12		12	M18X1.5	22	10	M16X1.5	19	12	M18X1.5	22	32	24	17.0	0.323	400	
D2603-L12-L12-L06		12	M18X1.5	22	12	M18X1.5	22	6	M12X1.5	14	32	24	17.0	0.301	400	
D2603-L12-L12-L08		12	M18X1.5	22	12	M18X1.5	22	8	M14X1.5	17	32	24	17.0	0.315	400	
D2603-L12-L12-L10		12	M18X1.5	22	12	M18X1.5	22	10	M16X1.5	19	32	24	17.0	0.324	400	
D2603-L12-L12-L15		12	M18X1.5	22	12	M18X1.5	22	15	M22X1.5	27	36	28	19.0	0.475	400	
D2603-L12-L12-L18		12	M18X1.5	22	12	M18X1.5	22	18	M26X1.5	32	39	31	24.0	0.647	400	
D2603-L15-L12-L12		15	M22X1.5	27	12	M18X1.5	22	12	M18X1.5	22	36.5	28	19.0	0.471	400	
D2603-L15-L12-L15		15	M22X1.5	27	12	M18X1.5	22	15	M22X1.5	27	36.5	28	19.0	0.517	400	
D2603-L15-L15-L06		15	M22X1.5	27	15	M22X1.5	27	6	M12X1.5	14	36.5	28	19.0	0.484	400	
D2603-L15-L15-L10		15	M22X1.5	27	15	M22X1.5	27	10	M16X1.5	19	36.5	28	19.0	0.504	400	
D2603-L15-L15-L12		15	M22X1.5	27	15	M22X1.5	27	12	M18X1.5	22	36.5	28	19.0	0.519	400	
D2603-L15-L15-L18		15	M22X1.5	27	15	M22X1.5	27	18	M26X1.5	32	39.5	31	24.0	0.735	400	
D2603-L18-L10-L10		18	M26X1.5	32	10	M16X1.5	19	10	M16X1.5	19	40.5	31	24.0	0.608	400	
D2603-L18-L10-L18		18	M26X1.5	32	10	M16X1.5	19	18	M26X1.5	32	40.5	31	24.0	0.708	400	
D2603-L18-L18-L10		18	M26X1.5	32	18	M26X1.5	32	10	M16X1.5	19	40.5	31	24.0	0.717	400	
D2603-L18-L18-L12		18	M26X1.5	32	18	M26X1.5	32	12	M18X1.5	22	40.5	31	24.0	0.732	400	
D2603-L18-L18-L15		18	M26X1.5	32	18	M26X1.5	32	15	M22X1.5	27	40.5	31	24.0	0.778	400	
D2603-L22-L15-L15		22	M30X2.0	36	15	M22X1.5	27	15	M22X1.5	27	45.5	35	27.0	0.928	250	
D2603-L22-L15-L22		22	M30X2.0	36	15	M22X1.5	27	22	M30X2.0	36	45.5	35	27.0			
D2603-L22-L18-L18		22	M30X2.0	36	18	M26X1.5	32	18	M26X1.5	32	45.5	35	27.0	1.027	250	
D2603-L22-L18-L22		22	M30X2.0	36	18	M26X1.5	32	22	M30X2.0	36	45.5	35	27.0	1.058	250	

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		B1			B2			B3							
		DIN METRIC TUBE COMPRESSION			DIN METRIC TUBE COMPRESSION			DIN METRIC TUBE COMPRESSION							
		DIN 2353, ISO 8434-1			DIN 2353, ISO 8434-1			DIN 2353, ISO 8434-1							
Part #	CODE	D1	THREAD	C1	D2	THREAD	C2	D3	THREAD	C3	L1	L2	BODY	WT	BAR
D2603-L22-L22-L10	LIGHT	22	M30X2.0	36	22	M30X2.0	36	10	M16X1.5	19	45.5	35	27.0	0.957	250
D2603-L22-L22-L12		22	M30X2.0	36	22	M30X2.0	36	12	M18X1.5	22	45.5	35	27.0	0.972	250
D2603-L22-L22-L15		22	M30X2.0	36	22	M30X2.0	36	15	M22X1.5	27	45.5	35	27.0	1.015	250
D2603-L22-L22-L18		22	M30X2.0	36	22	M30X2.0	36	18	M26X1.5	32	45.5	35	27.0	1.065	250
D2603-L28-L22-L22		28	M36X2.0	41	22	M30X2.0	36	22	M30X2.0	36	49	38	36.0	1.448	250
D2603-L28-L28-L10		28	M36X2.0	41	28	M36X2.0	41	10	M16X1.5	19	49	38	36.0	1.341	250
D2603-L28-L28-L12		28	M36X2.0	41	28	M36X2.0	41	12	M18X1.5	22	49	38	36.0	1.356	250
D2603-L28-L28-L15		28	M36X2.0	41	28	M36X2.0	41	15	M22X1.5	27	49	38	36.0	1.395	250
D2603-L28-L28-L18		28	M36X2.0	41	28	M36X2.0	41	18	M26X1.5	32	49	38	36.0	1.448	250
D2603-L28-L28-L22		28	M36X2.0	41	28	M36X2.0	41	22	M30X2.0	36	49	38	36.0	1.476	250
D2603-L35-L35-L12		35	M45X2.0	50	35	M45X2.0	50	12	M18X1.5	22	57	45	41.0	2.152	250
D2603-L35-L35-L18		35	M45X2.0	50	35	M45X2.0	50	18	M26X1.5	32	57	45	41.0	2.159	250
D2603-L35-L35-L22		35	M45X2.0	50	35	M45X2.0	50	22	M30X2.0	36	57	45	41.0	2.17	250
D2603-L35-L35-L28		35	M45X2.0	50	35	M45X2.0	50	28	M36X2.0	41	57	45	41.0	2.18	250
D2603-L42-L42-L12		42	M52X2.0	60	42	M52X2.0	60	12	M18X1.5	22	63	51	50.0	3.136	250
D2603-L42-L42-L22		42	M52X2.0	60	42	M52X2.0	60	22	M30X2.0	36	63	51	50.0	3.204	250
D2603-L42-L42-L28		42	M52X2.0	60	42	M52X2.0	60	28	M36X2.0	41	63	51	50.0	3.211	250
D2603-L42-L42-L35		42	M52X2.0	60	42	M52X2.0	60	35	M45X2.0	50	63	51	50.0	3.294	250
D2603-S12-S12-S08	HEAVY	12	M20X1.5	24	12	M20X1.5	24	8	M16X1.5	22	38	29	17.0	0.511	630
D2603-S12-S12-S16		12	M20X1.5	24	12	M20X1.5	24	16	M24X1.5	30	42	33	24.0	0.786	630
D2603-S16-S16-S08		16	M24X1.5	30	16	M24X1.5	30	8	M16X1.5	19	43	33	24.0	0.816	630
D2603-S16-S16-S10		16	M24X1.5	30	16	M24X1.5	30	10	M18X1.5	22	43	33	24.0	0.841	630
D2603-S16-S16-S12		16	M24X1.5	30	16	M24X1.5	30	12	M20X1.5	24	43	33	24.0	0.854	630
D2603-S20-S20-S10		20	M30X2.0	36	20	M30X2.0	36	10	M18X1.5	22	49	37	27.0	1.23	420
D2603-S20-S20-S12		20	M30X2.0	36	20	M30X2.0	36	12	M20X1.5	24	49	37	27.0	1.243	420
D2603-S20-S20-S16		20	M30X2.0	36	20	M30X2.0	36	16	M24X1.5	30	49	37	27.0	1.313	420
D2603-S20-S20-S25		20	M30X2.0	36	20	M30X2.0	36	25	M36X2.0	46	54	42	36.0	2.12	420
D2603-S25-S25-S16		25	M36X2.0	46	25	M36X2.0	46	16	M24X1.5	30	55	42	36.0	2.268	420
D2603-S25-S25-S20		25	M36X2.0	46	25	M36X2.0	46	20	M30X2.0	36	55	42	36.0	2.361	420
D2603-S25-S25-S30		25	M36X2.0	46	25	M36X2.0	46	30	M42X2.0	50	62	49	41.0	3.269	420
D2603-S30-S30-S20		30	M42X2.0	50	30	M42X2.0	50	20	M30X2.0	36	63	49	41.0	3.043	420
D2603-S30-S30-S25		30	M42X2.0	50	30	M42X2.0	50	25	M36X2.0	46	63	49	41.0	3.282	420
D2603-S38-S38-S20		38	M52X2.0	60	38	M52X2.0	60	20	M30X2.0	36	72.5	57	50.0	4.502	420
D2603-S38-S38-S25		38	M52X2.0	60	38	M52X2.0	60	25	M36X2.0	46	72.5	57	50.0	4.721	420
D2603-S38-S38-S30		38	M52X2.0	60	38	M52X2.0	60	30	M42X2.0	50	72.5	57	50.0	4.739	420

D2605

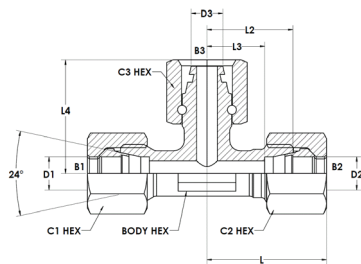
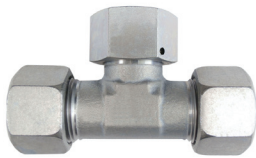
MBT-MP-MBT TEE (LEV - NPT)



		B1			B2		B3							
		DIN METRIC TUBE COMPRESSION			MALE NPT		DIN METRIC TUBE COMPRESSION							
		DIN 2353, ISO 8434-1			ASME/ANSI B1.20.1		DIN 2353, ISO 8434-1							
Part #	CODE	D1	THREAD	C1	D2	THREAD	D3	THREAD	C3	L1	L2	BODY	WT	BAR
D2605-E04-02-E04	EXTRA LIGHT	4	M08X1.0	10	3	1/8-27	4	M08X1.0	10	21	15	9.0	0.058	100
D2605-E06-02-E06		6	M10X1.0	12	4.5	1/8-27	6	M10X1.0	12	21	15	9.0	0.064	100
D2605-E08-02-E08		8	M12X1.0	14	6	1/8-27	8	M12X1.0	14	23	17	12.0	0.092	100
D2605-L06-02-L06	LIGHT	6	M12X1.5	14	4	1/8-27	6	M12X1.5	14	27	19	12.0	0.123	315
D2605-L08-04-L08		8	M14X1.5	17	6	1/4-18	8	M14X1.5	17	29	21	12.0	0.178	315
D2605-L10-04-L10		10	M16X1.5	19	7	1/4-18	10	M16X1.5	19	30	22	14.0	0.216	315
D2605-L12-06-L12		12	M18X1.5	22	9	3/8-18	12	M18X1.5	22	32	24	17.0	0.291	315
D2605-L15-08-L15		15	M22X1.5	27	11	1/2-14	15	M22X1.5	27	36.5	28	19.0	0.501	315
D2605-L18-08-L18		18	M26X1.5	32	11	1/2-14	18	M26X1.5	32		31	24.0	0.7	315
D2605-L22-12-L22		22	M30X2.0	36	18	3/4-14	22	M30X2.0	36	45.5	35	27.0	0.958	160
D2605-L28-16-L28		28	M36X2.0	41	21	1-11-1/2	28	M36X2.0	41	49	38	36.0	1.351	160
D2605-L35-20-L35		35	M45X2.0	50	30	1-1/4-11-1/2	35	M45X2.0	50	58	46	41.0	2.033	160
D2605-L42-24-L42		42	M52X2.0	60	36	1-1/2-11-1/2	42	M52X2.0	60	63	51	50.0	2.948	160
D2605-S06-04-S06	HEAVY	6	M14X1.5	17	4	1/4-18	6	M14X1.5	17	31	23	12.0	0.217	630
D2605-S08-04-S08		8	M16X1.5	19	5	1/4-18	8	M16X1.5	19	26.8	24	14.0	0.267	630
D2605-S10-06-S10		10	M18X1.5	22	7	3/8-18	10	M18X1.5	22	34	25	17.0	0.364	630
D2605-S12-06-S12		12	M20X1.5	24	8	3/8-18	12	M20X1.5	24	38	29	17.0	0.434	630
D2605-S14-08-S14		14	M22X1.5	27	10	1/2-14	14	M22X1.5	27	40	30	19.0	0.604	630
D2605-S16-08-S16		16	M24X1.5	30	12	1/2-14	16	M24X1.5	30	43	33	24.0	0.755	400
D2605-S20-12-S20		20	M30X2.0	36	16	3/4-14	20	M30X2.0	36	49	37	27.0	1.18	400
D2605-S25-16-S25		25	M36X2.0	46	20	1-11-1/2	25	M36X2.0	46	55	42	36.0	2.147	400
D2605-S30-20-S30		30	M42X2.0	50	25	1-1/4-11-1/2	30	M42X2.0	50	63	49	41.0	2.893	315
D2605-S38-24-S38		38	M52X2.0	60	32	1-1/2-11-1/2	38	M52X2.0	60	72.5	57	50.0	4.208	315

D6600

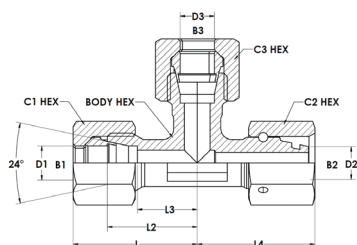
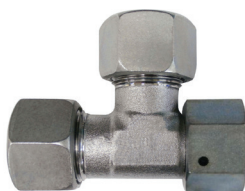
MBT-MBT-FMS TEE (ETVD)



		B1			B2			B3							
		DIN METRIC TUBE COMPRESSION			DIN METRIC TUBE COMPRESSION			FEMALE METRIC SWIVEL DIN 24DEG							
		DIN 2353, DIN 3865, ISO 8434-1			DIN 2353, DIN 3865, ISO 8434-1			DIN 2353, DIN 3865, ISO 8434-1							
Part #	CODE	D1	THREAD	C1	D2	THREAD	C2	D3	THREAD	C3	L1	L2	BODY	WT	BAR
D6600-L06-L06-L06	LIGHT	6	M12X1.5	14	6	M12X1.5	14	6	M12X1.5	17	27	19	12	0.1674	500
D6600-L08-L08-L08		8	M14X1.5	17	8	M14X1.5	17	8	M14X1.5	17	29	21	12	0.196	500
D6600-L10-L10-L10		10	M16X1.5	19	10	M16X1.5	19	10	M16X1.5	19	30	22	14	0.2522	500
D6600-L12-L12-L12		12	M18X1.5	22	12	M18X1.5	22	12	M18X1.5	22	32	24	17	0.3292	400
D6600-L15-L15-L15		15	M22X1.5	27	15	M22X1.5	27	15	M22X1.5	27	36.5	28	19	0.546	400
D6600-L18-L18-L18		18	M26X1.5	32	18	M26X1.5	32	18	M26X1.5	32	40.5	31	24	0.7833	400
D6600-L22-L22-L22		22	M30X2.0	36	22	M30X2.0	36	22	M30X2.0	36	45.5	35	27	1.0539	250
D6600-L28-L28-L28		28	M36X2.0	41	28	M36X2.0	41	28	M36X2.0	41	49	38	36	1.4032	250
D6600-L35-L35-L35		35	M45X2.0	50	35	M45X2.0	50	35	M45X2.0	50	57	45	41	2.1882	250
D6600-L42-L42-L42		42	M52X2.0	60	42	M52X2.0	60	42	M52X2.0	60	63	51	50	3.2545	250
D6600-S06-S06-S06	HEAVY	6	M14X1.5	17	6	M14X1.5	17	6	M14X1.5	17	31	23	12	0.2306	800
D6600-S08-S08-S08		8	M16X1.5	19	8	M16X1.5	19	8	M16X1.5	19	32	24	14	0.2922	800
D6600-S10-S10-S10		10	M18X1.5	22	10	M18X1.5	22	10	M18X1.5	22	34	25	17	0.3955	800
D6600-S12-S12-S12		12	M20X1.5	24	12	M20X1.5	24	12	M20X1.5	24	38	29	17	0.4865	630
D6600-S14-S14-S14		14	M22X1.5	27	14	M22X1.5	27	14	M22X1.5	27	40	30	19	0.6625	630
D6600-S16-S16-S16		16	M24X1.5	30	16	M24X1.5	30	16	M24X1.5	30	43	33	24	0.8505	630
D6600-S20-S20-S20		20	M30X2.0	36	20	M30X2.0	36	20	M30X2.0	36	49	37	27	1.3241	420
D6600-S25-S25-S25		25	M36X2.0	46	25	M36X2.0	46	25	M36X2.0	46	55	42	36	2.4219	420
D6600-S30-S30-S30		30	M42X2.0	50	30	M42X2.0	50	30	M42X2.0	50	63	49	41	3.0704	420
D6600-S38-S38-S38		38	M52X2.0	60	38	M52X2.0	60	38	M52X2.0	60	72.5	57	50	4.5096	420

D6602

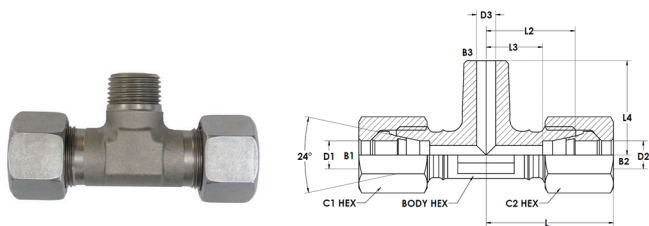
MBT-FMS-MBT TEE (ELVD)



		B1			B2			B3							
		DIN METRIC TUBE COMPRESSION			FEMALE METRIC SWIVEL DIN 24DEG			DIN METRIC TUBE COMPRESSION							
		DIN 2353, DIN 3865, ISO 8434-1			DIN 2353, DIN 3865, ISO 8434-1			DIN 2353, DIN 3865, ISO 8434-1							
Part #	CODE	D1	THREAD	C1	D2	THREAD	C2	D3	THREAD	C3	L1	L2	BODY	WT	BAR
D6602-L06-L06-L06	LIGHT	6	M12X1.5	14	6	M12X1.5	17	6	M12X1.5	14	27	19	12	0.1672	500
D6602-L08-L08-L08		8	M14X1.5	17	8	M14X1.5	17	8	M14X1.5	17	29	21	12	0.1944	500
D6602-L10-L10-L10		10	M16X1.5	19	10	M16X1.5	19	10	M16X1.5	19	30	22	14	0.2529	500
D6602-L12-L12-L12		12	M18X1.5	22	12	M18X1.5	22	12	M18X1.5	22	32	24	17	0.3261	400
D6602-L15-L15-L15		15	M22X1.5	27	15	M22X1.5	27	15	M22X1.5	27	36.5	28	19	0.5463	400
D6602-L18-L18-L18		18	M26X1.5	32	18	M26X1.5	32	18	M26X1.5	32	40.5	31	24	0.78	400
D6602-L22-L22-L22		22	M30X2.0	36	22	M30X2.0	36	22	M30X2.0	36	45.5	35	27	1.0506	250
D6602-L28-L28-L28		28	M36X2.0	41	28	M36X2.0	41	28	M36X2.0	41	49	38	36	1.4187	250
D6602-L35-L35-L35		35	M45X2.0	50	35	M45X2.0	50	35	M45X2.0	50	57	45	41	2.1878	250
D6602-L42-L42-L42	42	M52X2.0	60	42	M52X2.0	60	42	M52X2.0	60	63	51	50	3.2336	250	
D6602-S06-S06-S06	HEAVY	6	M14X1.5	17	6	M14X1.5	17	6	M14X1.5	17	31	23	12	0.2309	800
D6602-S08-S08-S08		8	M16X1.5	19	8	M16X1.5	19	8	M16X1.5	19	32	24	14	0.2943	800
D6602-S10-S10-S10		10	M18X1.5	22	10	M18X1.5	22	10	M18X1.5	22	34	25	17	0.399	800
D6602-S12-S12-S12		12	M20X1.5	24	12	M20X1.5	24	12	M20X1.5	24	38	29	17	0.4864	630
D6602-S14-S14-S14		14	M22X1.5	27	14	M22X1.5	27	14	M22X1.5	27	40	30	19	0.6613	630
D6602-S16-S16-S16		16	M24X1.5	30	16	M24X1.5	30	16	M24X1.5	30	43	33	24	0.8495	630
D6602-S20-S20-S20		20	M30X2.0	36	20	M30X2.0	36	20	M30X2.0	36	49	37	27	1.3183	420
D6602-S25-S25-S25		25	M36X2.0	46	25	M36X2.0	46	25	M36X2.0	46	55	42	36	2.4129	420
D6602-S30-S30-S30		30	M42X2.0	50	30	M42X2.0	50	30	M42X2.0	50	63	49	41	3.056	420
D6602-S38-S38-S38	38	M52X2.0	60	38	M52X2.0	60	38	M52X2.0	60	72.5	57	50	4.5056	420	

D7601

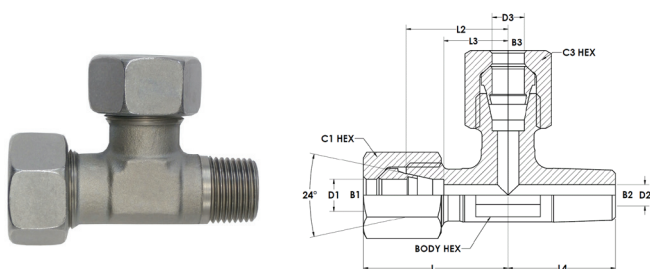
MBT-MBT-MBSPT TEE (TEV R - KEG)



		B1			B2			B3						
		DIN METRIC TUBE COMPRESSION			DIN METRIC TUBE COMPRESSION			MALE BSPT (R)						
		DIN 2353, ISO 8434-1			DIN 2353, ISO 8434-1			DIN 3852-2 FORM C						
Part #	CODE	D1	THREAD	C1	D2	THREAD	C2	D3	THREAD	L1	L2	BODY	WT	BAR
D7601-E04-E04-02	EXTRA LIGHT	4	M08X1.0	10	4	M08X1.0	10	3	1/8-28	21	15	9	0.057	100
D7601-E06-E06-02		6	M10X1.0	12	6	M10X1.0	12	4.5	1/8-28	21	15	9	0.0635	100
D7601-E08-E08-02		8	M12X1.0	14	8	M12X1.0	14	6	1/8-28	23	17	12	0.0866	100
D7601-L06-L06-02	LIGHT	6	M12X1.5	14	6	M12X1.5	14	4	1/8-28	27	19	12	0.1222	315
D7601-L06-L06-04		6	M12X1.5	14	6	M12X1.5	14	4	1/4-19	29	21	12	0.1463	315
D7601-L08-L08-04		8	M14X1.5	17	8	M14X1.5	17	6	1/4-19	29	21	12	0.1723	315
D7601-L10-L10-04		10	M16X1.5	19	10	M16X1.5	19	7	1/4-19	30	22	14	0.2168	315
D7601-L12-L12-06		12	M18X1.5	22	12	M18X1.5	22	9	3/8-19	32	24	17	0.2816	315
D7601-L15-L15-08		15	M22X1.5	27	15	M22X1.5	27	11	1/2-14	36.5	28	19	0.4907	315
D7601-L18-L18-08		18	M26X1.5	32	18	M26X1.5	32	14	1/2-14	40.5	31	24	0.6515	315
D7601-S06-S06-04	HEAVY	6	M14X1.5	17	6	M14X1.5	17	4	1/4-19	31	23	12	0.2099	400
D7601-S08-S08-04		8	M16X1.5	19	8	M16X1.5	19	5	1/4-19	32	24	14	0.2548	400
D7601-S10-S10-06		10	M18X1.5	22	10	M18X1.5	22	7	3/8-19	34	25	17	0.3524	400
D7601-S12-S12-06		12	M20X1.5	24	12	M20X1.5	24	8	3/8-19	38	29	17	0.417	400
D7601-S14-S14-08		14	M22X1.5	27	14	M22X1.5	27	10	1/2-14	40	30	19	0.5792	400
D7601-S16-S16-08		16	M24X1.5	30	16	M24X1.5	30	12	1/2-14	43	33	24	0.7237	400

D7605

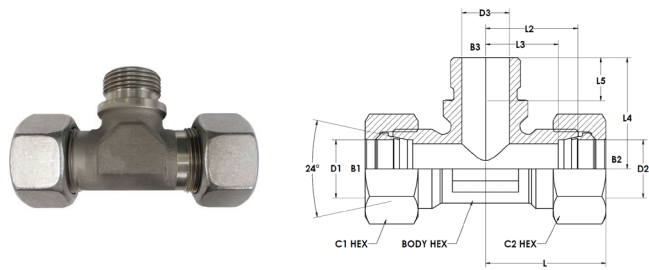
MBT-MBSPT-MBT TEE (LEV R - KEG)



Part #	CODE	B1 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1			B2 MALE BSPT (R) DIN 3852-2 FORM C		B3 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1			L1	L2	BODY	WT	BAR
		D1	THREAD	C1	D2	THREAD	D3	THREAD	C3					
D7605-E06-02-E06	EXTRA LIGHT	6	M10X1.0	12	4.5	1/8-28	6	M10X1.0	12	22	16	9	0.0639	100
D7605-E08-02-E08		8	M12X1.0	14	6	1/8-28	8	M12X1.0	14	23	17	12	0.086	100
D7605-L06-02-L06	LIGHT	6	M12X1.5	14	4	1/8-28	6	M12X1.5	14	27	19	12	0.1213	315
D7605-L08-04-L08		8	M14X1.5	17	6	1/4-19	8	M14X1.5	17	29	21	12	0.172	315
D7605-L10-04-L10		10	M16X1.5	19	7	1/4-19	10	M16X1.5	19	30	22	14	0.2094	315
D7605-L12-06-L12		12	M18X1.5	22	9	3/8-19	12	M18X1.5	22	32	24	17	0.2888	315
D7605-L15-08-L15		15	M22X1.5	27	11	1/2-14	15	M22X1.5	27	36.5	28	19	0.4894	315
D7605-L18-08-L18		18	M26X1.5	32	14	1/2-14	18	M26X1.5	32	40.5	31	24	0.6526	315
D7605-S06-04-S06	HEAVY	6	M14X1.5	17	4	1/4-19	6	M14X1.5	17	31	23	12	0.2138	400
D7605-S08-04-S08		8	M16X1.5	19	5	1/4-19	8	M16X1.5	19	32	24	14	0.2601	400
D7605-S10-06-S10		10	M18X1.5	22	7	3/8-19	10	M18X1.5	22	34	25	17	0.3527	400
D7605-S12-06-S12		12	M20X1.5	24	8	3/8-19	12	M20X1.5	24	38	29	17	0.4211	400
D7605-S14-08-S14		14	M22X1.5	27	10	1/2-14	14	M22X1.5	27	40	30	19	0.5886	400
D7605-S16-08-S16		16	M24X1.5	30	12	1/2-14	16	M24X1.5	30	43	33	24	0.7363	400

D7803-CF

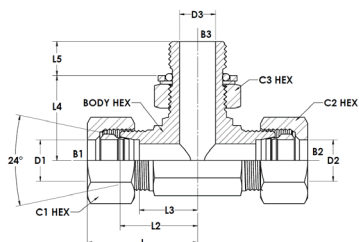
MBT-MBT-MBSPP CF TEE (TEV R - ZYL)



		B1			B2			B3							
		DIN METRIC TUBE COMPRESSION			DIN METRIC TUBE COMPRESSION			MALE BSPP FORM B							
		DIN 2353, ISO 8434-1			DIN 2353, ISO 8434-1			DIN 3852-2 FORM B							
Part #	CODE	D1	THREAD	C1	D2	THREAD	C2	D3	THREAD	L1	L2	BODY	WT	BAR	
D7803-L22-L22-12-CF	LIGHT	22	M30X2.0	36	22	M30X2.0	36	18	3/4-14	45.5	35	27.0	0.989	160	
D7803-L28-L28-16-CF		28	M36X2.0	41	28	M36X2.0	41	23	1-11	49	38	36.0	1.366	160	
D7803-L35-L35-20-CF		35	M45X2.0	50	35	M45X2.0	50	30	1-1/4-11	57	45	41.0	2.059	160	
D7803-L42-L42-24-CF		42	M52X2.0	60	42	M52X2.0	60	36	1-1/2-11	63	51	50.0	3.024	160	
D7803-S20-S20-12-CF	HEAVY	20	M30X2.0	36	20	M30X2.0	36	16	3/4-14	49	37	27.0	1.236	400	
D7803-S25-S25-16-CF		25	M36X2.0	46	25	M36X2.0	46	20	1-11	55	42	36.0	2.2	250	
D7803-S30-S30-20-CF		30	M42X2.0	50	30	M42X2.0	50	25	1-1/4-11	63.2	49	41.0	2.949	160	
D7803-S38-S38-24-CF		38	M52X2.0	60	38	M52X2.0	60	32	1-1/2-11	72.5	57	50.0	4.286	160	

D7803-NWO-RR

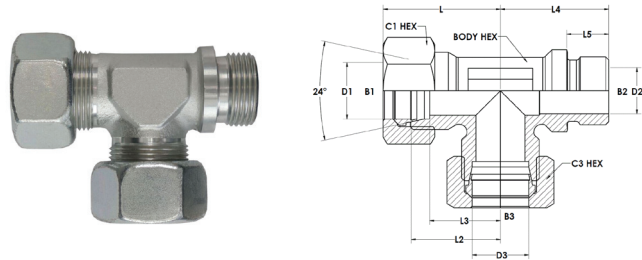
MBT-MBT-MBSPP TEE (TEE R)



		B1			B2			B3							
		DIN METRIC TUBE COMPRESSION			DIN METRIC TUBE COMPRESSION			MALE MBSPP ADJUSTABLE ORR							
		DIN 2353, ISO 8434-1			DIN 2353, ISO 8434-1			ISO 1179							
Part #	CODE	D1	THREAD	C1	D2	THREAD	C2	D3	THREAD	C3	L1	L2	BODY	WT	BAR
D7803-L06-L06-02-NWO-RR	LIGHT	6	M12X1.5	14	6	M12X1.5	14	4	G1/8	14	29	21	14	0.182	315
D7803-L08-L08-04-NWO-RR		8	M14X1.5	17	8	M14X1.5	17	5	G1/4	19	31	23	14	0.2683	315
D7803-L10-L10-04-NWO-RR		10	M16X1.5	19	10	M16X1.5	19	5	G1/4	19	32	24	19	0.358	315
D7803-L12-L12-06-NWO-RR		12	M18X1.5	22	12	M18X1.5	22	8	G3/8	22	34	26	19	0.4284	250
D7803-L15-L15-08-NWO-RR		15	M22X1.5	27	15	M22X1.5	27	12	G1/2	27	36.5	28	22	0.6607	250
D7803-L18-L18-08-NWO-RR		18	M26X1.5	32	18	M26X1.5	32	12	G1/2	27	40.5	31	27	0.9473	250
D7803-L22-L22-12-NWO-RR		22	M30X2.0	36	22	M30X2.0	36	16	G3/4	36	45.5	35	30	1.3149	160
D7803-L28-L28-16-NWO-RR		28	M36X2.0	41	28	M36X2.0	41	20	G1	41	49	38	36	1.83	160
D7803-L35-L35-20-NWO-RR		35.3	M45X2.0	50	35.3	M45X2.0	50	25	G1.1/4	50	60	48	50	3.7086	160
D7803-L42-L42-24-NWO-RR		42.3	M52X2.0	60	42.3	M52X2.0	60	32	G1.1/2	55	61	49	50	3.9759	160
D7803-S06-S06-04-NWO-RR	HEAVY	6	M14X1.5	17	6	M14X1.5	17	5	G1/4	19	30	22	14	0.2872	315
D7803-S08-S08-04-NWO-RR		8	M16X1.5	19	8	M16X1.5	19	5	G1/4	19	32	24	19	0.3879	315
D7803-S10-S10-06-NWO-RR		10	M18X1.5	22	10	M18X1.5	22	8	G3/8	22	34	25	19	0.4749	250
D7803-S12-S12-06-NWO-RR		12	M20X1.5	24	12	M20X1.5	24	8	G3/8	22	38	29	22	0.6155	250
D7803-S14-S14-08-NWO-RR		14	M22X1.5	27	14	M22X1.5	27	12	G1/2	27	40	30	22	0.7546	250
D7803-S16-S16-08-NWO-RR		16	M24X1.5	30	16	M24X1.5	30	12	G1/2	27	43	33	27	1.0145	250
D7803-S20-S20-12-NWO-RR		20	M30X2.0	36	20	M30X2.0	36	16	G3/4	36	50	38	30	1.5492	250
D7803-S25-S25-16-NWO-RR		25	M36X2.0	46	25	M36X2.0	46	20	G1	41	55	42	36	2.5931	250
D7803-S30-S30-20-NWO-RR		30	M42X2.0	50	30	M42X2.0	50	25	G1.1/4	50	63	49	50	4.284	160
D7803-S38-S38-24-NWO-RR		38.3	M52X2.0	60	38.3	M52X2.0	60	32	G1.1/2	55	65.5	50	50	4.8324	160

D7804-CF

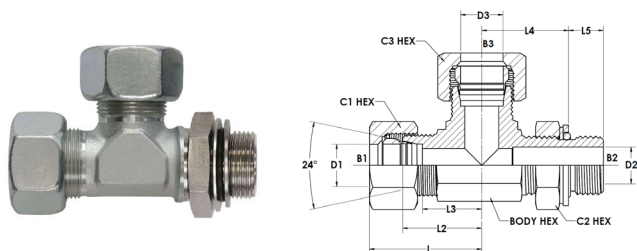
MBT-MBT-MBSPP CF TEE (LEV R - ZYL)



		B1			B2		B3							
		DIN METRIC TUBE COMPRESSION			MALE BSPP FORM B		DIN METRIC TUBE COMPRESSION							
		DIN 2353, ISO 8434-3			DIN 3852-2 FORM B		DIN 2353, ISO 8434-1							
Part #	CODE	D1	THREAD	C1	D2	THREAD	D3	THREAD	C3	L1	L2	BODY	WT	BAR
D7804-L22-12-L22-CF	LIGHT	22	M30X2.0	36	18	3/4-14	22	M30X2.0	36	45.5	35	27.0	0.983	160
D7804-L28-16-L28-CF		28	M36X2.0	41	23	1-11	28	M36X2.0	41	49	38	36.0	1.357	160
D7804-L35-20-L35-CF		35	M45X2.0	50	30	1-1/4-11	35	M45X2.0	50	57	45	41.0	2.059	160
D7804-L42-24-L42-CF		42	M52X2.0	60	36	1-1/2-11	42	M52X2.0	60	63	51	50.0	3.024	160
D7804-S20-12-S20-CF	HEAVY	20	M30X2.0	36	16	3/4-14	20	M30X2.0	36	49	37	27.0	1.235	400
D7804-S25-16-S25-CF		25	M36X2.0	46	20	1-11	25	M36X2.0	46	55	42	36.0	2.2	250
D7804-S30-20-S30-CF		30	M42X2.0	50	25	1-1/4-11	30	M42X2.0	50	63.2	49	41.0	2.948	160
D7804-S38-24-S38-CF		38	M52X2.0	60	32	1-1/2-11	38	M52X2.0	60	72.5	57	50.0	4.284	160

D7804-NWO-RR

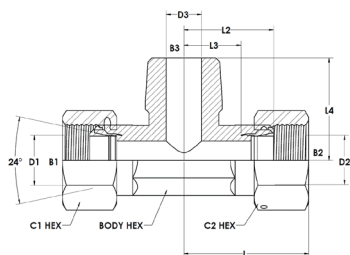
MBT-MBSPP-MBT TEE (LEE R)



		B1			B2			B3							
		DIN METRIC TUBE COMPRESSION			MALE MBSPP ADJUSTABLE ORR			DIN METRIC TUBE COMPRESSION							
		DIN 2353, ISO 8434-1			ISO 1179			DIN 2353, ISO 8434-1							
Part #	CODE	D1	THREAD	C1	D2	THREAD	C2	D3	THREAD	C3	L1	L2	BODY	WT	BAR
D7804-L06-02-L06-NWO-RR	LIGHT	6	M12X1.5	14	4	G1/8	14	6	M12X1.5	14	29	21	14	0.182	315
D7804-L08-04-L08-NWO-RR		8	M14X1.5	17	5	G1/4	19	8	M14X1.5	17	31	23	14	0.2683	315
D7804-L10-04-L10-NWO-RR		10	M16X1.5	19	5	G1/4	19	10	M16X1.5	19	32	24	19	0.358	315
D7804-L12-06-L12-NWO-RR		12	M18X1.5	22	8	G3/8	22	12	M18X1.5	22	34	26	19	0.4284	250
D7804-L15-08-L15-NWO-RR		15	M22X1.5	27	12	G1/2	27	15	M22X1.5	27	36.5	28	22	0.6607	250
D7804-L18-08-L18-NWO-RR		18	M26X1.5	32	12	G1/2	27	18	M26X1.5	32	40.5	31	27	0.9473	250
D7804-L22-12-L22-NWO-RR		22	M30X2.0	36	16	G3/4	36	22	M30X2.0	36	45.5	35	30	1.3149	160
D7804-L28-16-L28-NWO-RR		28	M36X2.0	41	20	G1	41	28	M36X2.0	41	49	38	36	1.83	160
D7804-L35-20-L35-NWO-RR		35.3	M45X2.0	50	25	G1.1/4	50	35.3	M45X2.0	50	60	48	50	3.7086	160
D7804-L42-24-L42-NWO-RR		42.3	M52X2.0	60	32	G1.1/2	55	42.3	M52X2.0	60	61	49	50	3.9759	160
D7804-S06-04-S06-NWO-RR	HEAVY	6	M14X1.5	17	5	G1/4	19	6	M14X1.5	17	30	22	14	0.2872	315
D7804-S08-04-S08-NWO-RR		8	M16X1.5	19	5	G1/4	19	8	M16X1.5	19	32	24	19	0.3879	315
D7804-S10-06-S10-NWO-RR		10	M18X1.5	22	8	G3/8	22	10	M18X1.5	22	34	25	19	0.4749	250
D7804-S12-06-S12-NWO-RR		12	M20X1.5	24	8	G3/8	22	12	M20X1.5	24	38	29	22	0.6155	250
D7804-S14-08-S14-NWO-RR		14	M22X1.5	27	12	G1/2	27	14	M22X1.5	27	40	30	22	0.7546	250
D7804-S16-08-S16-NWO-RR		16	M24X1.5	30	12	G1/2	27	16	M24X1.5	30	43	33	27	1.0145	250
D7804-S20-12-S20-NWO-RR		20	M30X2.0	36	16	G3/4	36	20	M30X2.0	36	50	38	30	1.5492	250
D7804-S25-16-S25-NWO-RR		25	M36X2.0	46	20	G1	41	25	M36X2.0	46	55	42	36	2.5931	250
D7804-S30-20-S30-NWO-RR		30	M42X2.0	50	25	G1.1/4	50	30	M42X2.0	50	63	49	50	4.284	160
D7804-S38-24-S38-NWO-RR		38.3	M52X2.0	60	32	G1.1/2	55	38.3	M52X2.0	60	65.5	50	50	4.8324	160

D8601

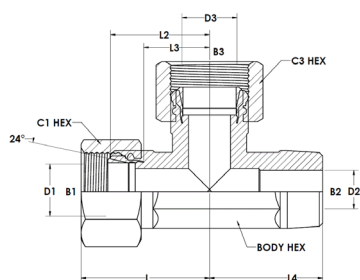
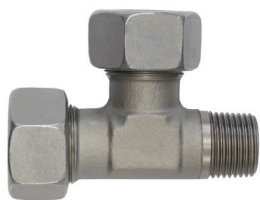
MBT-MBT-MMT TEE (TEV M - KEG)



		B1			B2			B3							
		DIN METRIC TUBE COMPRESSION			DIN METRIC TUBE COMPRESSION			MALE METRIC TAPERED							
		DIN 3865, ISO 8434-1			DIN 2353, ISO 8434-1			DIN 3852-1 FORM C							
Part #	CODE	D1	THREAD	C1	D2	THREAD	C2	D3	THREAD	L1	L2	BODY	WT	BAR	
D8601-E04-E04-08	EXTRA LIGHT	4	M08X1.0	10	4	M08X1.0	10	3	M08X1.0	21	15	9	0.0529	100	
D8601-E06-E06-10		6	M10X1.0	12	6	M10X1.0	12	4.5	M10X1.0	21	15	9	0.0639	100	
D8601-E08-E08-10		8	M12X1.0	14	8	M12X1.0	14	6	M10X1.0	23	17	12	0.0904	100	
D8601-L06-L06-10	LIGHT	6	M12X1.5	14	6	M12X1.5	14	4	M10X1.0	27	19	12	0.1257	315	
D8601-L08-L08-12		8	M14X1.5	17	8	M14X1.5	17	6	M12X1.5	29	21	12	0.1698	315	
D8601-L10-L10-14		10	M16X1.5	19	10	M16X1.5	19	7	M14X1.5	30	22	14	0.2183	315	
D8601-L12-L12-16		12	M18X1.5	22	12	M18X1.5	22	9	M16X1.5	32	24	17	0.2844	315	
D8601-L15-L15-18		15	M22X1.5	27	15	M22X1.5	27	11	M18X1.5	36.5	28	19	0.463	315	
D8601-L18-L18-22	HEAVY	18	M26X1.5	32	18	M26X1.5	32	14	M22X1.5	40.5	31	24	0.6812	315	
D8601-S06-S06-12		6	M14X1.5	17	6	M14X1.5	17	4	M12X1.5	31	23	12	0.2094	400	
D8601-S08-S08-14		8	M16X1.5	19	8	M16X1.5	19	5	M14X1.5	32	24	14	0.2646	400	
D8601-S10-S10-16		10	M18X1.5	22	10	M18X1.5	22	7	M16X1.5	34	25	17	0.3549	400	
D8601-S12-S12-18		12	M20X1.5	24	12	M20X1.5	24	8	M18X1.5	38	29	17	0.4299	400	
D8601-S14-S14-20		14	M22X1.5	27	14	M22X1.5	27	10	M20X1.5	40	30	19	0.5842	400	
D8601-S16-S16-22		16	M24X1.5	30	16	M24X1.5	30	12	M22X1.5	43	33	24	0.7496	400	

D8605

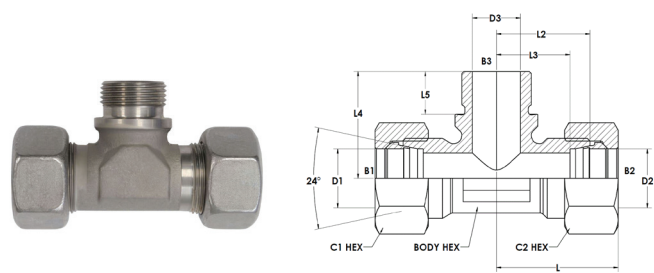
MBT-MMT-MBT TEE (LEV M - KEG)



		B1			B2		B3								
		DIN METRIC TUBE COMPRESSION			MALE METRIC TAPERED		DIN METRIC TUBE COMPRESSION								
		DIN 2353, ISO 8434-1			DIN 3852-1 FORM C		DIN 2353, ISO 8434-1								
Part #	CODE	D1	THREAD	C1	D2	THREAD	D3	THREAD	C3	L1	L2	BODY	WT	BAR	
D8605-E04-08-E04	EXTRA LIGHT	4	M08X1.0	10	3	M08X1.0	4	M08X1.0	10	21	15	9	0.0529	100	
D8605-E06-10-E06		6	M10X1.0	12	4.5	M10X1.0	6	M10X1.0	12	21	15	9	0.0639	100	
D8605-E08-10-E08		8	M12X1.0	14	6	M10X1.0	8	M12X1.0	14	23	17	12	0.0882	100	
D8605-L06-10-L06	LIGHT	6	M12X1.5	14	4	M10X1.0	6	M12X1.5	14	27	19	12	0.1213	315	
D8605-L08-12-L08		8	M14X1.5	17	6	M12X1.5	8	M14X1.5	17	29	21	12	0.1676	315	
D8605-L10-14-L10		10	M16X1.5	19	7	M14X1.5	10	M16X1.5	19	30	22	14	0.2161	315	
D8605-L12-16-L12		12	M18X1.5	22	9	M16X1.5	12	M18X1.5	22	32	24	17	0.2822	315	
D8605-L15-18-L15		15	M22X1.5	27	11	M18X1.5	15	M22X1.5	27	36.5	28	19	0.4564	315	
D8605-L18-22-L18		18	M26X1.5	32	14	M22X1.5	18	M26X1.5	32	40.5	31	24	0.6702	315	
D8605-S06-12-S06	HEAVY	6	M14X1.5	17	4	M12X1.5	6	M14X1.5	17	31	23	12	0.2028	400	
D8605-S08-14-S08		8	M16X1.5	19	5	M14X1.5	8	M16X1.5	19	32	24	14	0.2668	400	
D8605-S10-16-S10		10	M18X1.5	22	7	M16X1.5	10	M18X1.5	22	34	25	17	0.3571	400	
D8605-S12-18-S12		12	M20X1.5	24	8	M18X1.5	12	M20X1.5	24	38	29	17	0.4277	400	
D8605-S14-20-S14		14	M22X1.5	27	10	M20X1.5	14	M22X1.5	27	40	30	19	0.582	400	
D8605-S16-22-S16		16	M24X1.5	30	12	M22X1.5	16	M24X1.5	30	43	33	24	0.7408	400	

D8803-CF

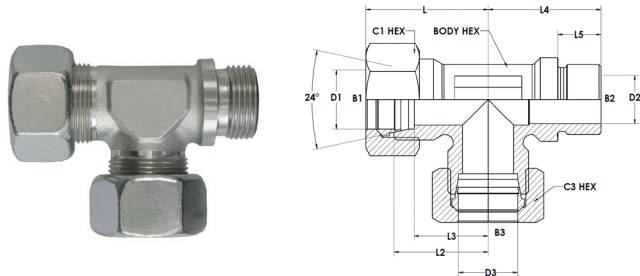
MBT-MBT-MM CF TEE (TEV M - ZYL)



		B1			B2			B3						
		DIN METRIC TUBE COMPRESSION			DIN METRIC TUBE COMPRESSION			MALE METRIC FORM B						
		DIN 2353, ISO 8434-1			DIN 2353, ISO 8434-1			ISO 9974 FORM B						
Part #	CODE	D1	THREAD	C1	D2	THREAD	C2	D3	THREAD	L1	L2	BODY	WT	BAR
D8803-L22-L22-26-CF	LIGHT	22	M30X2.0	36	22	M30X2.0	36	18	M26X1.5	45.5	35	27	0.9083	160
D8803-L28-L28-33-CF		28	M36X2.0	41	28	M36X2.0	41	23	M33X2.0	49	38	36	1.3203	160
D8803-L35-L35-42-CF		35	M45X2.0	50	35	M45X2.0	50	30	M42X2.0	57	45	41	2.0055	160
D8803-L42-L42-48-CF		42	M52X2.0	60	42	M52X2.0	60	36	M48X2.0	63	51	50	2.9233	160
D8803-S20-S20-27-CF	HEAVY	20	M30X2.0	36	20	M30X2.0	36	16	M27X2.0	49	37	27	1.1626	250
D8803-S25-S25-33-CF		25	M36X2.0	46	25	M36X2.0	46	20	M33X2.0	55	42	36	2.1348	250
D8803-S30-S30-42-CF		30	M42X2.0	50	30	M42X2.0	50	25	M42X2.0	63	49	41	2.8716	160
D8803-S38-S38-48-CF		38	M52X2.0	60	38	M52X2.0	60	32	M48X2.0	72.5	57	50	4.1532	160

D8804-CF

MBT-MM CF-MBT TEE (LEV M - ZYL)

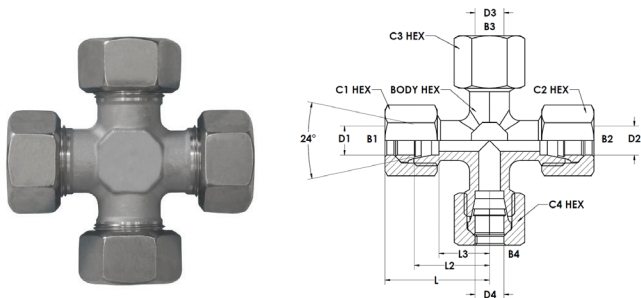


		B1			B2		B3							
		DIN METRIC TUBE COMPRESSION			MALE METRIC FORM B		DIN METRIC TUBE COMPRESSION							
		DIN 2353, ISO 8434-1			ISO 9974 FORM B		DIN 2353, ISO 8434-1							
Part #	CODE	D1	THREAD	C1	D2	THREAD	D3	THREAD	C3	L1	L2	BODY	WT	BAR
D8804-L22-26-L22-CF	LIGHT	22	M30X2.0	36	18	M26X1.5	22	M30X2.0	36	45.5	35	27	0.9326	160
D8804-L28-33-L28-CF		28	M36X2.0	41	23	M33X2.0	28	M36X2.0	41	49	38	36	1.3558	160
D8804-L35-42-L35-CF		35	M45X2.0	50	30	M42X2.0	35	M45X2.0	50	57	45	41	2.0128	160
D8804-L42-48-L42-CF		42	M52X2.0	60	36	M48X2.0	42	M52X2.0	60	63	51	50	2.9343	160
D8804-S20-27-S20-CF	HEAVY	20	M30X2.0	36	16	M27X2.0	20	M30X2.0	36	49	37	27	1.1618	250
D8804-S25-33-S25-CF		25	M36X2.0	46	20	M33X2.0	25	M36X2.0	46	55	42	36	2.1341	250
D8804-S30-42-S30-CF		30	M42X2.0	50	25	M42X2.0	30	M42X2.0	50	63	49	41	2.8836	160
D8804-S38-48-S38-CF		38	M52X2.0	60	32	M48X2.0	38	M52X2.0	60	72.5	57	50	4.1689	160

CROSSES

D2650

MBT-MBT-MBT-MBT CROSS UNION (KV)

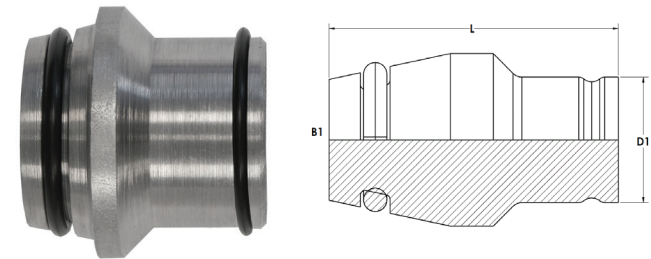


		B1			B2			B3			B4								
		DIN METRIC TUBE COMPRESSION			DIN METRIC TUBE COMPRESSION			DIN METRIC TUBE COMPRESSION			DIN METRIC TUBE COMPRESSION								
		DIN 2353, ISO 8434-1			DIN 2353, ISO 8434-1			DIN 2353, ISO 8434-1			DIN 2353, ISO 8434-1								
Part #	CODE	D1	THREAD	C1	D2	THREAD	C2	D3	THREAD	C3	D4	THREAD	C4	L1	L2	BODY	WT	BAR	
D2650-E04-E04-E04-E04	EXTRA LIGHT	4	M08X1.0	10	4	M08X1.0	10	4	M08X1.0	10	4	M08X1.0	10	21	15	9			
D2650-E06-E06-E06-E06		6	M10X1.0	12	6	M10X1.0	12	6	M10X1.0	12	6	M10X1.0	12	21	15	9			
D2650-E08-E08-E08-E08		8	M12X1.0	14	8	M12X1.0	14	8	M12X1.0	14	8	M12X1.0	14	23	17	12			
D2650-L06-L06-L06-L06		6	M12X1.5	14	6	M12X1.5	14	6	M12X1.5	14	6	M12X1.5	14	27	19	12.0	0.2	500	
D2650-L08-L08-L08-L08	LIGHT	8	M14X1.5	17	8	M14X1.5	17	8	M14X1.5	17	8	M14X1.5	17	29	21	12.0	0.267	500	
D2650-L10-L10-L10-L10		10	M16X1.5	19	10	M16X1.5	19	10	M16X1.5	19	10	M16X1.5	19	30	22	14.0	0.335	500	
D2650-L12-L12-L12-L12		12	M18X1.5	22	12	M18X1.5	22	12	M18X1.5	22	12	M18X1.5	22	32	24	17.0	0.441	400	
D2650-L15-L15-L15-L15		15	M22X1.5	27	15	M22X1.5	27	15	M22X1.5	27	15	M22X1.5	27	36.5	28	19.0	0.736	400	
D2650-L18-L18-L18-L18		18	M26X1.5	32	18	M26X1.5	32	18	M26X1.5	32	18	M26X1.5	32	40.5	31	24.0	1.073	400	
D2650-L22-L22-L22-L22		22	M30X2.0	36	22	M30X2.0	36	22	M30X2.0	36	22	M30X2.0	36	45.5	35	27.0	1.427	250	
D2650-L28-L28-L28-L28		28	M36X2.0	41	28	M36X2.0	41	28	M36X2.0	41	28	M36X2.0	41	49	38	36.0	1.888	250	
D2650-L35-L35-L35-L35		35	M45X2.0	50	35	M45X2.0	50	35	M45X2.0	50	35	M45X2.0	50	57	45	41.0	2.874	250	
D2650-L42-L42-L42-L42	HEAVY	42	M52X2.0	60	42	M52X2.0	60	42	M52X2.0	60	42	M52X2.0	60	63	51	50.0	4.26	250	
D2650-S06-S06-S06-S06		6	M14X1.5	17	6	M14X1.5	17	6	M14X1.5	17	6	M14X1.5	17	31	23	12.0	0.335	800	
D2650-S08-S08-S08-S08		8	M16X1.5	19	8	M16X1.5	19	8	M16X1.5	19	8	M16X1.5	19	32	24	14.0	0.41	800	
D2650-S10-S10-S10-S10		10	M18X1.5	22	10	M18X1.5	22	10	M18X1.5	22	10	M18X1.5	22	34	25	17.0	0.559	800	
D2650-S12-S12-S12-S12		12	M20X1.5	24	12	M20X1.5	24	12	M20X1.5	24	12	M20X1.5	24	38	29	17.0	0.685	630	
D2650-S14-S14-S14-S14		14	M22X1.5	27	14	M22X1.5	27	14	M22X1.5	27	14	M22X1.5	27	40	30	19.0	0.93	630	
D2650-S16-S16-S16-S16		16	M24X1.5	30	16	M24X1.5	30	16	M24X1.5	30	16	M24X1.5	30	43	33	24.0	1.198	630	
D2650-S20-S20-S20-S20		20	M30X2.0	36	20	M30X2.0	36	20	M30X2.0	36	20	M30X2.0	36	49	37	27.0	1.828	420	
D2650-S25-S25-S25-S25		25	M36X2.0	46	25	M36X2.0	46	25	M36X2.0	46	25	M36X2.0	46	55	42	36.0	3.377	420	
D2650-S30-S30-S30-S30		30	M42X2.0	50	30	M42X2.0	50	30	M42X2.0	50	30	M42X2.0	50	63	49	41.0	4.256	420	
D2650-S38-S38-S38-S38		38	M52X2.0	60	38	M52X2.0	60	38	M52X2.0	60	38	M52X2.0	60	72.5	57	50.0	6.322	420	

CAPS & PLUGS

D0303

MBT CAP INSERT (VSTO - OD)

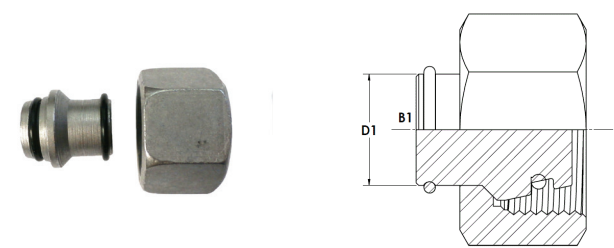


B1
MBT CAP
DIN 8365

Part #	D1	L1	WT	BAR
D0303-06	6	17	0.0127	800
D0303-08	8	17	0.0202	800
D0303-10	10	20	0.034	800
D0303-12	12	21	0.049	630
D0303-14	14	23	0.0717	630
D0303-15	15	20	0.0721	400
D0303-16	16	24	0.0952	630
D0303-18	18	21	0.107	400
D0303-20	20	28	0.1793	420
D0303-22	22	23	0.1679	250
D0303-25	25	31	0.299	420
D0303-28	28	23	0.2654	250
D0303-30	30	34	0.4652	420
D0303-35	35	29	0.5299	250
D0303-38	38	38	0.8184	420
D0303-42	42	30	0.7739	250

D0304-C

MBT CAP (VSTO M - OD)

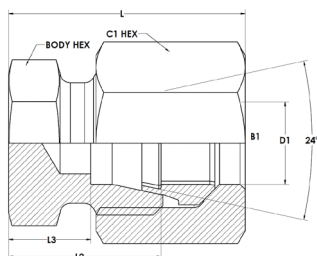
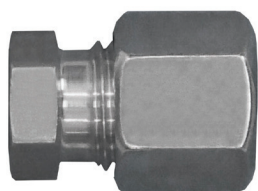


B1
FEMALE METRIC SWIVEL
DIN 2353, ISO 8434-1

Part #	CODE	D1	THREAD
D0304-C-L06	LIGHT	6	M12X1.5
D0304-C-L08		8	M14X1.5
D0304-C-L10		10	M16X1.5
D0304-C-L12		12	M18X1.5
D0304-C-L15		15	M22X1.5
D0304-C-L18		18	M26X1.5
D0304-C-L22		22	M30X2.0
D0304-C-L28		28	M36X2.0
D0304-C-L35	HEAVY	35	M45X2.0
D0304-C-L42		42	M52X2.0
D0304-C-S06		6	M14X1.5
D0304-C-S08		8	M16X1.5
D0304-C-S10		10	M18X1.5
D0304-C-S12		12	M20X1.5
D0304-C-S14		14	M22X1.5
D0304-C-S16		16	M24X1.5
D0304-C-S20		20	M30X2.0
D0304-C-S25		25	M36X2.0
D0304-C-S30		30	M42X2.0
D0304-C-S38		38	M52X2.0

D2408

MBT PLUG (EVSU)



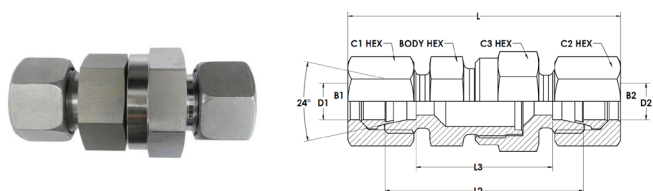
B1
DIN METRIC TUBE
COMPRESSION
DIN 2353, ISO
8434-1

Part #	CODE	D1	THREAD	C1	L1	L2	BODY	WT	BAR
D2408-L06	LIGHT	6	M12X1.5	14	25	17	14	0.05	500
D2408-L08		8	M14X1.5	17	25	17	17	0.071	500
D2408-L10		10	M16X1.5	19	28	20	17.0	0.094	500
D2408-L12		12	M18X1.5	22	29	21	19.0	0.125	400
D2408-L15		15	M22X1.5	27	28.5	20	24.0	0.202	400
D2408-L18		18	M26X1.5	32	30.5	21	27.0	0.292	400
D2408-L22		22	M30X2.0	36	33.5	23	32.0	0.4	250
D2408-L28		28	M36X2.0	41	34	23	41.0	0.552	250
D2408-L35		35	M45X2.0	50	41	29	46.0	0.844	250
D2408-L42		42	M52X2.0	60	42	30	55.0	1.28	250
D2408-S06	HEAVY	6	M14X1.5	17	25	17	17	0.089	800
D2408-S08		8	M16X1.5	19	25	17	17.0	0.119	800
D2408-S10		10	M18X1.5	22	29	20	19.0	0.157	800
D2408-S12		12	M20X1.5	24	30	21	22.0	0.202	630
D2408-S14		14	M22X1.5	27	33	23	24.0	0.275	630
D2408-S16		16	M24X1.5	30	34	24	27.0	0.332	630
D2408-S20		20	M30X2.0	36	40	28	32.0	0.545	420
D2408-S25		25	M36X2.0	46	44	31	41.0	1.016	420
D2408-S30		30	M42X2.0	50	48	34	46.0	1.23	420
D2408-S38		38	M52X2.0	60	53.5	38	55.0	1.921	420

CHECK VALVES

D2403-CV

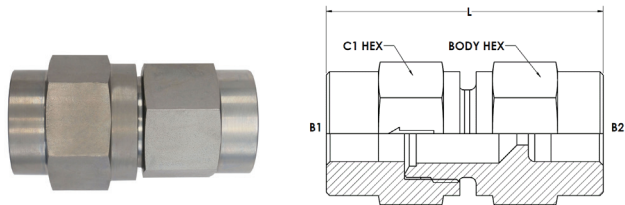
CV MBT-MBT STRT (RSV)



Part #	CODE	B1 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1			B2 DIN METRIC TUBE COMPRESSION DIN 2353, ISO 8434-1			C3	L1	L2	BODY	WT	BAR
		D1	THREAD	C1	D2	THREAD	C2						
D2403-CV-L06-L06-1.0CP	LIGHT	6	M12X1.5	14	6	M12X1.5	14	27	68	52	22	0.3461	400
D2403-CV-L08-L08-1.0CP		8	M14X1.5	17	8	M14X1.5	17	27	68	52	22	0.377	400
D2403-CV-L10-L10-1.0CP		10	M16X1.5	19	10	M16X1.5	19	27	68	52	22	0.3814	400
D2403-CV-L12-L12-1.0CP		12	M18X1.5	22	12	M18X1.5	22	27	69	53	22	0.4387	400
D2403-CV-L15-L15-1.0CP		15	M22X1.5	27	15	M22X1.5	27	32	75	58	27	0.6614	400
D2403-CV-L18-L18-1.0CP		18	M26X1.5	32	18	M26X1.5	32	32	82	63	27	0.8686	400
D2403-CV-L22-L22-1.0CP		22	M30X2.0	36	22	M30X2.0	36	46	96	75	41	1.5587	250
D2403-CV-L28-L28-1.0CP		28	M36X2.0	41	28	M36X2.0	41	46	103	81	41	1.8519	250
D2403-CV-L35-L35-1.0CP		35	M45X2.0	50	35	M45X2.0	50	70	116	92	60	3.7721	250
D2403-CV-L42-L42-1.0CP	HEAVY	42	M52X2.0	60	42	M52X2.0	60	70	111	87	60	4.008	250
D2403-CV-S06-S06-1.0CP		6	M14X1.5	17	6	M14X1.5	17	27	72	56	22	0.4057	400
D2403-CV-S08-S08-1.0CP		8	M16X1.5	19	8	M16X1.5	19	27	68	52	22	0.3968	400
D2403-CV-S10-S10-1.0CP		10	M18X1.5	22	10	M18X1.5	22	27	72	54	22	0.4652	400
D2403-CV-S12-S12-1.0CP		12	M20X1.5	24	12	M20X1.5	24	27	73	55	22	0.5093	400
D2403-CV-S14-S14-1.0CP		14	M22X1.5	27	14	M22X1.5	27	32	82	62	27	0.743	400
D2403-CV-S16-S16-1.0CP		16	M24X1.5	30	16	M24X1.5	30	32	85	65	27	0.8554	400
D2403-CV-S20-S20-1.0CP		20	M30X2.0	36	20	M30X2.0	36	46	102	78	41	1.7042	400
D2403-CV-S25-S25-1.0CP		25	M36X2.0	46	25	M36X2.0	46	46	107	81	41	2.2641	250
D2403-CV-S30-S30-1.0CP		30	M42X2.0	50	30	M42X2.0	50	55	119	91	50	2.9829	250
D2403-CV-S38-S38-1.0CP		38	M52X2.0	60	38	M52X2.0	60	70	130	99	60	4.8039	250

D5002-CV

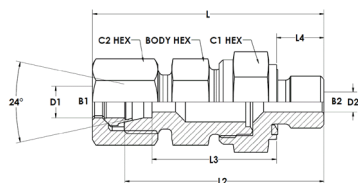
CV FBSPP-FBSPP (RSVI)



	B1 FEMALE BSPP CHECK VALVE ISO 1179-1		B2 FEMALE BSPP CHECK VALVE ISO 1179-1					
Part #	THREAD	C1	THREAD	L1	BODY	WT	BAR	
D5002-CV-02-02-1.0CP	G1/8	27	G1/8	53	22	0.3946	400	
D5002-CV-04-04-1.0CP	G1/4	27	G1/4	63	22	0.4365	400	
D5002-CV-06-06-1.0CP	G3/8	27	G3/8	62	24	0.4189	400	
D5002-CV-08-08-1.0CP	G1/2	32	G1/2	74	32	0.7981	400	
D5002-CV-12-12-1.0CP	G3/4	46	G3/4	92	41	1.7527	400	
D5002-CV-16-16-1.0CP	G1	46	G1	97	46	1.9775	250	
D5002-CV-20-20-1.0CP	G1.1/4	60	G1.1/4	113	60	3.8691	250	
D5002-CV-24-24-1.0CP	G1.1/2	70	G1.1/2	118	65	4.8458	250	

D7400-CVP-ED

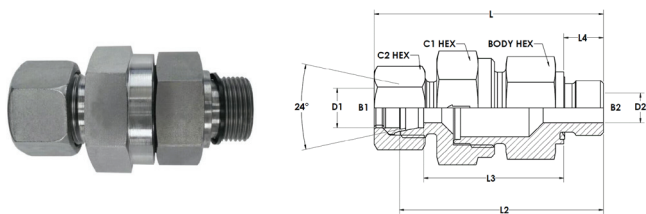
CV MBT-MBSPP (RSVZ R - WD)



		B1			B2							
		DIN METRIC TUBE COMPRESSION			MALE BSPP ED SEAL							
		DIN 2353, ISO 8434-1			ISO 1179-2							
Part #	CODE	D1	THREAD	C1	D2	THREAD	C2	L1	L2	BODY	WT	BAR
D7400-CVP-L06-02-ED-1.0CP	LIGHT	6	M12X1.5	14	4	G1/8	22	59	51	27	0.3131	400
D7400-CVP-L08-04-ED-1.0CP		8	M14X1.5	17	6	G1/4	22	63	55	27	0.3395	400
D7400-CVP-L10-04-ED-1.0CP		10	M16X1.5	19	6	G1/4	22	61	53	27	0.3241	400
D7400-CVP-L12-06-ED-1.0CP		12	M18X1.5	22	7.5	G3/8	22	66	58	27	0.4012	400
D7400-CVP-L15-08-ED-1.0CP		15	M22X1.5	27	11.5	G1/2	27	70.5	62	32	0.5776	400
D7400-CVP-L18-08-ED-1.0CP		18	M26X1.5	32	11.5	G1/2	27	76.5	67	32	0.7143	400
D7400-CVP-L22-12-ED-1.0CP		22	M30X2.0	36	18	G3/4	46	87.5	77	41	1.2919	250
D7400-CVP-L28-16-ED-1.0CP		28	M36X2.0	41	20	G1	46	91	80	41	1.4793	250
D7400-CVP-L35-20-ED-1.0CP		35	M45X2.0	50	29	G1.1/4	60	109.5	97.5	70	3.4436	250
D7400-CVP-L42-24-ED-1.0CP		42	M52X2.0	60	29	G1.1/2	60	109.5	97.5	70	3.7523	250
D7400-CVP-S06-04-ED-1.0CP	HEAVY	6	M14X1.5	17	6	G1/4	22	65	57	27	0.3549	400
D7400-CVP-S08-04-ED-1.0CP		8	M16X1.5	19	6	G1/4	22	63	55	27	0.3461	400
D7400-CVP-S10-06-ED-1.0CP		10	M18X1.5	22	7.5	G3/8	22	66	57	27	0.4012	400
D7400-CVP-S12-06-ED-1.0CP		12	M20X1.5	24	7.5	G3/8	22	68	59	27	0.4365	400
D7400-CVP-S14-08-ED-1.0CP		14	M22X1.5	27	11.5	G1/2	27	74	64	32	0.6173	400
D7400-CVP-S16-08-ED-1.0CP		16	M24X1.5	30	11.5	G1/2	27	77	67	32	0.6945	400
D7400-CVP-S20-12-ED-1.0CP		20	M30X2.0	36	18	G3/4	46	90	78	41	1.3536	400
D7400-CVP-S25-16-ED-1.0CP		25	M36X2.0	46	20	G1	46	96	83	41	1.7659	250
D7400-CVP-S30-20-ED-1.0CP		30	M42X2.0	50	24	G1.1/4	50	108	94	55	2.5507	250
D7400-CVP-S38-24-ED-1.0CP		38	M52X2.0	60	29	G1.1/2	60	119	103.5	70	4.1513	250

D7400-CVT-ED

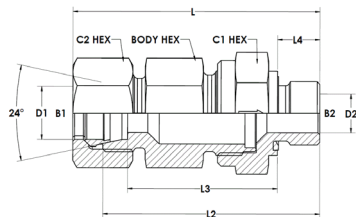
CV MBT-MBSPP (RSVV R - WD)



		B1			B2							
		DIN METRIC TUBE COMPRESSION			MALE BSPP ED SEAL							
		DIN 2353, ISO 8434-1			ISO 1179-2							
Part #	CODE	D1	THREAD	C1	D2	THREAD	C2	L1	L2	BODY	WT	BAR
D7400-CVT-L06-02-ED-1.0CP	LIGHT	6	M12X1.5	14	4	G1/8	27	59	51	22	0.3131	400
D7400-CVT-L08-04-ED-1.0CP		8	M14X1.5	17	6	G1/4	27	63	55	22	0.3395	400
D7400-CVT-L10-04-ED-1.0CP		10	M16X1.5	19	6	G1/4	27	61	53	22	0.3241	400
D7400-CVT-L12-06-ED-1.0CP		12	M18X1.5	22	7.5	G3/8	27	66	58	22	0.4012	400
D7400-CVT-L15-08-ED-1.0CP		15	M22X1.5	27	11.5	G1/2	32	70.5	62	27	0.5776	400
D7400-CVT-L18-08-ED-1.0CP		18	M26X1.5	32	11.5	G1/2	32	76.5	67	27	0.7143	400
D7400-CVT-L22-12-ED-1.0CP		22	M30X2.0	36	18	G3/4	46	87.5	77	41	1.2985	250
D7400-CVT-L28-16-ED-1.0CP		28	M36X2.0	41	20	G1	46	97	86	41	1.6358	250
D7400-CVT-L35-20-ED-1.0CP		35	M45X2.0	50	29	G1.1/4	70	109.5	97.5	60	3.4436	250
D7400-CVT-L42-24-ED-1.0CP		42	M52X2.0	60	29	G1.1/2	70	109.5	97.5	60	3.7523	250
D7400-CVT-S06-04-ED-1.0CP	HEAVY	6	M14X1.5	17	6	G1/4	27	65	57	22	0.3549	400
D7400-CVT-S08-04-ED-1.0CP		8	M16X1.5	19	6	G1/4	27	63	55	22	0.3461	400
D7400-CVT-S10-06-ED-1.0CP		10	M18X1.5	22	7.5	G3/8	27	66	57	22	0.4012	400
D7400-CVT-S12-06-ED-1.0CP		12	M20X1.5	24	7.5	G3/8	27	68	59	22	0.4365	400
D7400-CVT-S14-08-ED-1.0CP		14	M22X1.5	27	11.5	G1/2	32	74	64	27	0.6173	400
D7400-CVT-S16-08-ED-1.0CP		16	M24X1.5	30	11.5	G1/2	32	77	67	27	0.6945	400
D7400-CVT-S20-12-ED-1.0CP		20	M30X2.0	36	18	G3/4	46	91	79	41	1.3801	400
D7400-CVT-S25-16-ED-1.0CP		25	M36X2.0	46	20	G1	46	96	83	41	1.7593	250
D7400-CVT-S30-20-ED-1.0CP		30	M42X2.0	50	24	G1.1/4	55	108	94	50	2.5507	250
D7400-CVT-S38-24-ED-1.0CP		38	M52X2.0	60	29	G1.1/2	70	119	103.5	60	4.1513	250

D8400-CVP-ED

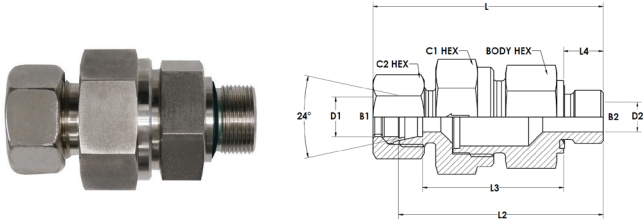
CV MBT-MM STRT (RSVZ M - WD)



		B1			B2							
		DIN METRIC TUBE COMPRESSION			MALE METRIC ED SEAL							
		DIN 2353, ISO 8434-1			ISO 9974-2							
Part #	CODE	D1	THREAD	C1	D2	THREAD	C2	L1	L2	BODY	WT	BAR
D8400-CVP-L06-10-ED-1.0CP	LIGHT	6	M12X1.5	14	4	M10X1.0	22	59	51	27	0.3131	400
D8400-CVP-L08-12-ED-1.0CP		8	M14X1.5	17	6	M12X1.5	22	63	55	27	0.3351	400
D8400-CVP-L10-14-ED-1.0CP		10	M16X1.5	19	7	M14X1.5	22	61	53	27	0.3241	400
D8400-CVP-L12-16-ED-1.0CP		12	M18X1.5	22	7.5	M16X1.5	22	66	58	27	0.3968	400
D8400-CVP-L15-18-ED-1.0CP		15	M22X1.5	27	11	M18X1.5	27	68.5	60	32	0.5512	400
D8400-CVP-L18-22-ED-1.0CP		18	M26X1.5	32	11.5	M22X1.5	27	76.5	67	32	0.7253	400
D8400-CVP-L22-26-ED-1.0CP		22	M30X2.0	36	18	M26X1.5	46	88.5	78	41	1.3162	250
D8400-CVP-L28-33-ED-1.0CP		28	M36X2.0	41	20	M33X2.0	46	91	80	41	1.4793	250
D8400-CVP-L35-42-ED-1.0CP		35	M45X2.0	50	29	M42X2.0	60	109.5	97.5	70	3.448	250
D8400-CVP-L42-48-ED-1.0CP		42	M52X2.0	60	29	M48X2.0	60	109.5	97.5	70	3.7633	250
D8400-CVP-S06-12-ED-1.0CP	HEAVY	6	M14X1.5	17	6	M12X1.5	22	65	57	27	0.3483	400
D8400-CVP-S08-14-ED-1.0CP		8	M16X1.5	19	7	M14X1.5	22	63	55	27	0.3483	400
D8400-CVP-S10-16-ED-1.0CP		10	M18X1.5	22	7.5	M16X1.5	22	66	57	27	0.3968	400
D8400-CVP-S12-18-ED-1.0CP		12	M20X1.5	24	7.5	M18X1.5	24	68	59	27	0.4586	400
D8400-CVP-S14-20-ED-1.0CP		14	M22X1.5	27	11.5	M20X1.5	27	74	64	32	0.6107	400
D8400-CVP-S16-22-ED-1.0CP		16	M24X1.5	30	11.5	M22X1.5	27	77	67	32	0.7055	400
D8400-CVP-S20-27-ED-1.0CP		20	M30X2.0	36	16	M27X2.0	46	90	78	41	1.3757	400
D8400-CVP-S25-33-ED-1.0CP		25	M36X2.0	46	20	M33X2.0	46	96	83	41	1.7681	250
D8400-CVP-S30-42-ED-1.0CP		30	M42X2.0	50	24	M42X2.0	50	108	94	55	2.5574	250
D8400-CVP-S38-48-ED-1.0CP		38	M52X2.0	60	29	M48X2.0	60	119	103.5	70	4.1601	250

D8400-CVT-ED

CV MBT-MM STRT (RSVV M - WD)

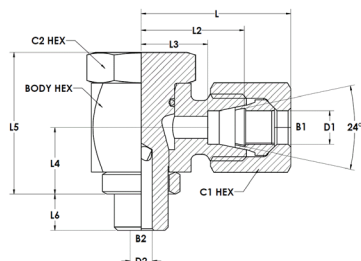


		B1			B2							
		DIN METRIC TUBE COMPRESSION			MALE METRIC ED SEAL							
		DIN 2353, ISO 8434-1			ISO 9974-2							
Part #	CODE	D1	THREAD	C1	D2	THREAD	C2	L1	L2	BODY	WT	BAR
D8400-CVT-L06-10-ED-1.0CP	LIGHT	6	M12X1.5	14	4	M10X1.0	27	59	51	22	0.3131	400
D8400-CVT-L08-12-ED-1.0CP		8	M14X1.5	17	6	M12X1.5	27	63	55	22	0.3351	400
D8400-CVT-L10-14-ED-1.0CP		10	M16X1.5	19	7	M14X1.5	27	61	53	22	0.3241	400
D8400-CVT-L12-16-ED-1.0CP		12	M18X1.5	22	7.5	M16X1.5	27	66	58	22	0.3968	400
D8400-CVT-L15-18-ED-1.0CP		15	M22X1.5	27	11	M18X1.5	32	68.5	60	27	0.5512	400
D8400-CVT-L18-22-ED-1.0CP		18	M26X1.5	32	11.5	M22X1.5	32	76.5	67	27	0.7253	400
D8400-CVT-L22-26-ED-1.0CP		22	M30X2.0	36	18	M26X1.5	46	87.5	77	41	1.3095	250
D8400-CVT-L28-33-ED-1.0CP		28	M36X2.0	41	20	M33X2.0	46	97	86	41	1.6491	250
D8400-CVT-L35-42-ED-1.0CP		35	M45X2.0	50	29	M42X2.0	70	109.5	97.5	60	3.448	250
D8400-CVT-L42-48-ED-1.0CP		42	M52X2.0	60	29	M48X2.0	70	109.5	97.5	60	3.7633	250
D8400-CVT-S06-12-ED-1.0CP	HEAVY	6	M14X1.5	17	6	M12X1.5	27	65	57	22	0.3483	400
D8400-CVT-S08-14-ED-1.0CP		8	M16X1.5	19	7	M14X1.5	27	63	55	22	0.3483	400
D8400-CVT-S10-16-ED-1.0CP		10	M18X1.5	22	7.5	M16X1.5	27	66	57	22	0.3968	400
D8400-CVT-S12-18-ED-1.0CP		12	M20X1.5	24	7.5	M18X1.5	27	68	59	24	0.4586	400
D8400-CVT-S14-20-ED-1.0CP		14	M22X1.5	27	11.5	M20X1.5	32	74	64	27	0.6107	400
D8400-CVT-S16-22-ED-1.0CP		16	M24X1.5	30	11.5	M22X1.5	32	77	67	27	0.7055	400
D8400-CVT-S20-27-ED-1.0CP		20	M30X2.0	36	16	M27X2.0	46	91	79	41	1.4154	400
D8400-CVT-S25-33-ED-1.0CP		25	M36X2.0	46	20	M33X2.0	46	96	83	41	1.7725	250
D8400-CVT-S30-42-ED-1.0CP		30	M42X2.0	50	24	M42X2.0	55	108	94	50	2.5574	250
D8400-CVT-S38-48-ED-1.0CP		38	M52X2.0	60	29	M48X2.0	70	119	103.5	60	4.1601	250

BANJOS

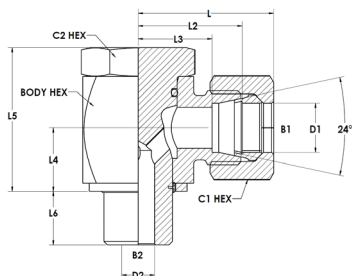
D7801-CF-BANJO

BJ MBT-MBSPP 90 (EWHV R)



		B1			B2							
		DIN METRIC TUBE COMPRESSION			MALE BSPP METALLIC SEAL							
		DIN 2353, ISO 8434-1			ISO 1179							
Part #	CODE	D1	THREAD	C1	D2	THREAD	C2	L1	L2	BODY	WT	BAR
D7801-E04-02-CF-BANJO	EXTRA LIGHT	4	M8X1.0	10	4	G1/8	14	23.9	20	14	0.0841	100
D7801-E06-02-CF-BANJO		6	M10X1.0	12	4	G1/8	14	21	20	14	0.0906	100
D7801-E08-02-CF-BANJO		8	M12X1.0	14	4	G1/8	14	22.5	20	14	0.0979	100
D7801-L06-02-CF-BANJO		6	M12X1.5	14	4	G1/8	14	28	20	14	0.1139	500
D7801-L06-04-CF-BANJO		6	M12X1.5	14	5.2	G1/4	19	30	22	19	0.211	500
D7801-L08-04-CF-BANJO	LIGHT	8	M14X1.5	17	5.2	G1/4	19	29	21	19	0.2247	500
D7801-L10-04-CF-BANJO		10	M16X1.5	19	5.2	G1/4	19	30	22	19	0.2386	500
D7801-L12-04-CF-BANJO		12	M18X1.5	22	5.2	G1/4	19	30	22	22	0.2973	400
D7801-L12-06-CF-BANJO		12	M18X1.5	22	8	G3/8	22	32.5	24.5	24	0.3874	400
D7801-L12-08-CF-BANJO		12	M18X1.5	22	11	G1/2	27	36	28	30	0.6519	400
D7801-L15-08-CF-BANJO		15	M22X1.5	27	11	G1/2	27	36.5	28	30	0.698	400
D7801-L18-08-CF-BANJO		18	M26X1.5	32	11	G1/2	27	37.5	28	30	0.7638	400
D7801-L22-12-CF-BANJO		22	M30X2.0	36	15	G3/4	32	45	34.5	36	1.1985	250
D7801-L28-16-CF-BANJO		28	M36X2.0	41	19	G1	41	50	39	46	2.1429	250
D7801-L35-20-CF-BANJO		35.3	M45X2.0	50	24	G1.1/4	50	58	46	55	3.5524	250
D7801-L42-24-CF-BANJO	42.3	M52X2.0	60	31	G1.1/2	55	63	51	65	5.3698	250	
D7801-S06-04-CF-BANJO	HEAVY	6	M14X1.5	17	5.2	G1/4	19	31	23	19	0.2395	500
D7801-S08-04-CF-BANJO		8	M16X1.5	19	5.2	G1/4	19	31	23	19	0.2535	500
D7801-S10-06-CF-BANJO		10	M18X1.5	22	8	G3/8	22	34.5	25.5	24	0.4129	500
D7801-S12-06-CF-BANJO		12	M20X1.5	24	8	G3/8	22	34.5	25.5	24	0.4285	400
D7801-S14-08-CF-BANJO		14	M22X1.5	27	11	G1/2	27	40	30	30	0.7415	400
D7801-S16-08-CF-BANJO		16	M24X1.5	30	11	G1/2	27	40.2	30.2	30	0.7824	400
D7801-S20-12-CF-BANJO		20	M30X2.0	36	15	G3/4	32	48.5	36.5	36	1.2879	315
D7801-S25-16-CF-BANJO		25	M36X2.0	46	19	G1	41	56	43	46	2.4896	250
D7801-S30-20-CF-BANJO		30	M42X2.0	50	24	G1.1/4	50	64	50	55	3.8319	250
D7801-S38-24-CF-BANJO		38.3	M52X2.0	60	31	G1.1/2	55	72.5	57	65	5.834	250

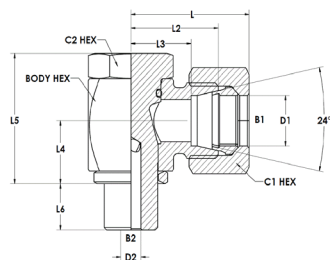
BJ MBT-MBSPP 90 (EWHV R - WD)



METRIC BITE TYPE - BRENNANINC.COM

D8801-CF-BANJO

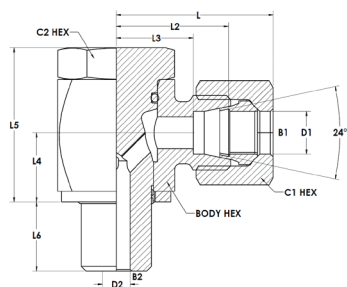
MBT-MM CF 90 ELBOW. (EWHV M)



		B1			B2							
		DIN METRIC TUBE COMPRESSION			MALE METRIC FORM B							
		DIN 2353, ISO 8434-1			ISO 9974 FORM B							
Part #	CODE	D1	THREAD	C1	D2	THREAD	C2	L1	L2	BODY	WT	BAR
D8801-E04-08-CF-BANJO	EXTRA LIGHT	4	M8X1.0	10	3	M8X1.0	12	22.5	17	12	0.059	100
D8801-E06-10-CF-BANJO		6	M10X1.0	12	4	M10X1.0	14	25.9	20	14	0.0915	100
D8801-E08-10-CF-BANJO		8	M12X1.0	14	4	M10X1.0	14	25.9	20	14	0.0988	100
D8801-L06-10-CF-BANJO		6	M12X1.5	14	4	M10X1.0	14	28	20	14	0.1148	500
D8801-L08-12-CF-BANJO		8	M14X1.5	17	5.2	M12X1.5	19	29	21	19	0.2207	500
D8801-L08-14-CF-BANJO		8	M14X1.5	17	5.2	M14X1.5	19	29	21	19	0.229	500
D8801-L10-14-CF-BANJO		10	M16X1.5	19	5.2	M14X1.5	19	30	22	19	0.2429	500
D8801-L12-14-CF-BANJO	LIGHT	12	M18X1.5	22	5.2	M14X1.5	19	30	22	22	0.3011	400
D8801-L12-16-CF-BANJO		12	M18X1.5	22	8	M16X1.5	22	32.5	24.5	24	0.3839	400
D8801-L12-18-CF-BANJO		12	M18X1.5	22	9.2	M18X1.5	24	34	26	27	0.4953	315
D8801-L15-18-CF-BANJO		15	M22X1.5	27	9.2	M18X1.5	24	35.5	27	27	0.5506	400
D8801-L18-22-CF-BANJO		18	M26X1.5	32	11	M22X1.5	27	37.5	28	30	0.7777	400
D8801-L22-26-CF-BANJO		22	M30X2.0	36	15	M26X1.5	32	45	34.5	36	1.1897	250
D8801-L28-33-CF-BANJO		28	M36X2.0	41	19	M33X2.0	41	50	39	46	2.1357	250
D8801-L35-42-CF-BANJO	HEAVY	35.3	M45X2.0	50	24	M42X2.0	50	58	46	55	3.5701	250
D8801-L42-48-CF-BANJO		42.3	M52X2.0	60	31	M48X2.0	55	63	51	65	5.399	250
D8801-S06-12-CF-BANJO		6	M14X1.5	17	5.2	M12X1.5	19	31	23	19	0.2355	500
D8801-S08-14-CF-BANJO		8	M16X1.5	19	5.2	M14X1.5	19	31	23	19	0.2578	500
D8801-S10-16-CF-BANJO		10	M18X1.5	22	8	M16X1.5	22	34.5	25.5	24	0.4094	500
D8801-S12-18-CF-BANJO		12	M20X1.5	24	9.2	M18X1.5	24	36	27	27	0.5366	400
D8801-S14-20-CF-BANJO		14	M22X1.5	27	11	M20X1.5	27	40	30	30	0.7303	400
D8801-S16-22-CF-BANJO		16	M24X1.5	30	11	M22X1.5	27	40.2	30.2	30	0.7963	400
D8801-S20-27-CF-BANJO		20	M30X2.0	36	15	M27X2.0	32	48.5	36.5	36	1.2995	315
D8801-S25-33-CF-BANJO		25	M36X2.0	46	19	M33X2.0	41	56	43	46	2.4824	250
D8801-S30-42-CF-BANJO		30	M42X2.0	50	24	M42X2.0	50	64	50	55	3.8495	250
D8801-S38-48-CF-BANJO		38.3	M52X2.0	60	31	M48X2.0	55	72.5	57	65	5.8632	250

D8801-ED-BANJO

BJ MBT-MM 90° (EWHV M - WD)

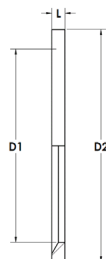


Part #	CODE	B1			B2							
		DIN METRIC TUBE COMPRESSION			MALE METRIC ED SEAL							
		DIN 2353, ISO 8434-1			ISO 9974-1							
		D1	THREAD	C1	D2	THREAD	C2	L1	L2	BODY	WT	BAR
D8801-L06-10-ED-BANJO	LIGHT	6	M12X1.5	14	4	M10X1.0	14	28	20	14	0.1152	500
D8801-L08-12-ED-BANJO		8	M14X1.5	17	5.2	M12X1.5	19	29	21	19	0.2202	500
D8801-L08-14-ED-BANJO		8	M14X1.5	17	5.2	M14X1.5	19	29	21	19	0.2305	500
D8801-L10-12-ED-BANJO		10	M16X1.5	19	5.2	M12X1.5	19	30	22	19	0.234	500
D8801-L10-14-ED-BANJO		10	M16X1.5	19	5.2	M14X1.5	19	30	22	19	0.2444	500
D8801-L12-16-ED-BANJO		12	M18X1.5	22	8	M16X1.5	22	32.5	24.5	24	0.3834	400
D8801-L12-18-ED-BANJO		12	M18X1.5	22	8	M18X1.5	22	34	26	27	0.4663	315
D8801-L15-18-ED-BANJO		15	M22X1.5	27	9.2	M18X1.5	24	35.5	27	27	0.5543	400
D8801-L18-22-ED-BANJO		18	M26X1.5	32	11	M22X1.5	27	37.5	28	30	0.7797	400
D8801-L22-26-ED-BANJO		22	M30X2.0	36	15	M26X1.5	32	45	34.5	36	1.1947	250
D8801-L28-33-ED-BANJO		28	M36X2.0	41	19	M33X2.0	41	50	39	46	2.1415	250
D8801-L35-42-ED-BANJO		35.3	M45X2.0	50	24	M42X2.0	50	58	46	55	3.5787	250
D8801-L42-48-ED-BANJO	HEAVY	42.3	M52X2.0	60	31	M48X2.0	55	63	51	65	5.4095	250
D8801-S06-12-ED-BANJO		6	M14X1.5	17	5.2	M12X1.5	19	31	23	19	0.2349	500
D8801-S08-14-ED-BANJO		8	M16X1.5	19	5.2	M14X1.5	19	31	23	19	0.2592	500
D8801-S10-16-ED-BANJO		10	M18X1.5	22	8	M16X1.5	22	34.5	25.5	24	0.4089	500
D8801-S12-18-ED-BANJO		12	M20X1.5	24	9.2	M18X1.5	24	36	27	27	0.5403	400
D8801-S16-22-ED-BANJO		16	M24X1.5	30	11	M22X1.5	27	40.2	30.2	30	0.7983	400
D8801-S20-27-ED-BANJO		20	M30X2.0	36	15	M27X2.0	32	48.5	36.5	36	1.3048	315
D8801-S25-33-ED-BANJO		25	M36X2.0	46	19	M33X2.0	41	56	43	46	2.4882	250
D8801-S30-42-ED-BANJO		30	M42X2.0	50	24	M42X2.0	50	64	50	55	3.8581	250
D8801-S38-48-ED-BANJO		38.3	M52X2.0	60	31	M48X2.0	55	72.5	57	65	5.8737	250

SEALS

ED4000

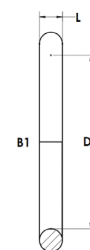
ED SEAL DIN3869 (WDR M - NBR)



Part #	B1 ED SEAL DIN 3869 DIN 3869 ED CAPTIVE SEAL		B2		L1
	D1	THREAD	D2	THREAD	
ED4000-02	8.4	METRIC THREAD M 10 X 1.0	11.9	BSPP THREAD G 1/8in.	1
ED4000-02-VITON	8.4	METRIC THREAD M 10 X 1.0	11.9	METRIC THREAD G 1/8in.	1
ED4000-04	11.6	METRIC THREAD M 14 X 1.5	16.5	METRIC THREAD G 1/4in.	1.5
ED4000-04-VITON	11.6	METRIC THREAD M 14 X 1.5	16.5	METRIC THREAD G 1/4in.	1.5
ED4000-06	14.7		19.8	METRIC THREAD G 3/8in.	1.5
ED4000-06-VITON	14.7		18.9	METRIC THREAD G 3/8in.	1.5
ED4000-08	18.5		23.9	METRIC THREAD G 1/2in.	1.5
ED4000-08-VITON	18.5		23.9	METRIC THREAD G 1/2in.	1.5
ED4000-12	23.9	METRIC THREAD M 26 X 1.5 / M 27 X 2.0	29.2	METRIC THREAD G 3/4in.	1.5
ED4000-12-VITON	23.9	METRIC THREAD M 26 X 1.5 / M 27 X 2.0	29.2	METRIC THREAD G 3/4in.	1.5
ED4000-16	29.7	METRIC THREAD M 33 X 2.0	25.7	METRIC THREAD G 1in.	2
ED4000-16-VITON	29.7	METRIC THREAD M 33 X 2.0	35.7	METRIC THREAD G 1in.	2
ED4000-20	38.7	METRIC THREAD M 42 X 2.0	45.8	METRIC THREAD G 1.1/4in.	2
ED4000-20-VITON	38.8	METRIC THREAD M 42 X 2.0	45.8	METRIC THREAD G 1.1/4in.	2
ED4000-24	44.7	METRIC THREAD M 48 X 2.0	50.7	METRIC THREAD G 1.1/2in.	2
ED4000-24-VITON	44.7	METRIC THREAD M 48 X 2.0	50.7	METRIC THREAD G 1.1/2in.	2
ED4000-M08	6.4	METRIC THREAD M 8 X 1.0	9		1
ED4000-M08-VITON	6.4	METRIC THREAD M 8 X 1.0	9		1
ED4000-M12	9.8	METRIC THREAD M 12 X 1.5	14.4		1.5
ED4000-M12-VITON	9.8	METRIC THREAD M 12 X 1.5	14.4		1.5
ED4000-M16	13.8	METRIC THREAD M 16 X 1.5	18.8		1.5
ED4000-M16-VITON	13.8	METRIC THREAD M 16 X 1.5	18.9		1.5
ED4000-M18	15.7	METRIC THREAD M 18 X 1.5	20.9		1.5
ED4000-M18-VITON	15.7	METRIC THREAD M 18 X 1.5	20.9		1.5
ED4000-M20	17.8	METRIC THREAD M 20 X 1.5	22.9		1.5
ED4000-M20-VITON	17.8	METRIC THREAD M 20 X 1.5	22.9		1.5
ED4000-M22	19.6	METRIC THREAD M 22 X 1.5	24.3		1.5
ED4000-M22-VITON	19.6	METRIC THREAD M 22 X 1.5	24.3		1.5

M4000

DIN O-RING (DKO) (ODR - NBR)

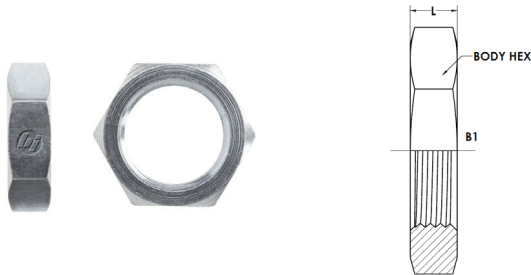


Part #	B1 DIN O-RING	
	D1	L1
M4000-06	4.5	1.5
M4000-06-VITON	4.5	1.5
M4000-08	6.5	1.5
M4000-08-VITON	6.5	1.5
M4000-10	8.5	1.5
M4000-10-VITON	8.5	1.5
M4000-12	10	1.5
M4000-12-VITON	10	1.5
M4000-14	12	2
M4000-14-VITON	12	2
M4000-15	12.5	2
M4000-15-VITON	12.5	2
M4000-16	14	2
M4000-16-VITON	14	2
M4000-18	16	2
M4000-18-VITON	16	2
M4000-20	17.3	2.4
M4000-20-VITON	17.3	2.4
M4000-22	20	2
M4000-22-VITON	20	2
M4000-25	22.3	2.4
M4000-25-VITON	22.3	2.4
M4000-28	26	2
M4000-28-VITON	26	2
M4000-30	27.3	2.4
M4000-30-VITON	27.3	2.4
M4000-35	32	2.5
M4000-35-VITON	32	2.5
M4000-38	35	2.5
M4000-38-VITON	35	2.5
M4000-42	38	2.5
M4000-42-VITON	38	2.5

NUTS, SLEEVES, LOCKNUTS & INSERTS

D0306-M

METRIC BULKHEAD LOCK NUT (GM)

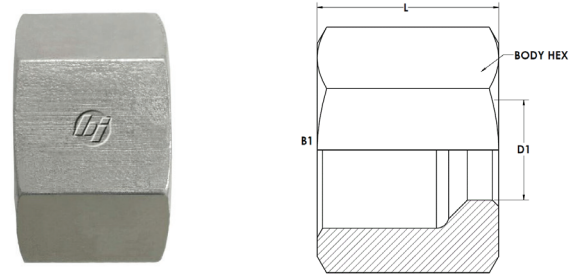


B1
FEMALE METRIC
DIN 80705

Part #	THREAD	L1	BODY	WT
D0306-M12X1.5	M12X1.5	6	17.0	0.018
D0306-M14X1.5	M14X1.5	6	19.0	0.02
D0306-M16X1.5	M16X1.5	6	22.0	0.026
D0306-M18X1.5	M18X1.5	6	24.0	0.029
D0306-M20X1.5	M20X1.5	6	27.0	0.037
D0306-M22X1.5	M22X1.5	7	30.0	0.055
D0306-M26X1.5	M26X1.5	8	36.0	0.09
D0306-M36X2.0	M36X2.0	9	46.0	0.141
D0306-M42X2.0	M42X2.0	9	50.0	0.137
D0306-M45X2.0	M45X2.0	9	55.0	0.176
D0306-M52X2.0	M52X2.0	10	65.0	0.289

D0318

MBT TUBE NUT (UM)

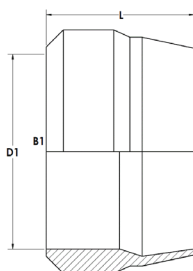


B1
METRIC TUBE NUT
DIN 3870, 8434-1

Part #	CODE	D1	THREAD	L1	BODY	WT	BAR
D0318-E04	EXTRA LIGHT	4	M8X1.0	11	10	0.011	100
D0318-E06		6	M10X1.0	11.5	12	0.0132	100
D0318-E08		8	M12X1.0	12	14	0.0176	100
D0318-E10		10	M14X1.0	12.5	17	0.0287	100
D0318-E12		12	M16X1.0	13	19	0.0309	100
D0318-L06	LIGHT	6	M12X1.5	14.5	14	0.0243	500
D0318-L08		8	M14X1.5	14.5	17	0.0353	500
D0318-L10		10	M16X1.5	15.5	19	0.0441	500
D0318-L12		12	M18X1.5	15.5	22	0.0617	400
D0318-L15		15	M22X1.5	17	27	0.0992	400
D0318-L18		18	M26X1.5	18	32	0.1455	400
D0318-L22		22	M30X2.0	20	36	0.194	250
D0318-L28		28	M36X2.0	21	41	0.2249	250
D0318-L35		35.3	M45X2.0	24	50	0.3417	250
D0318-L42		42.3	M52X2.0	24	60	0.5291	250
D0318-S06	HEAVY	6	M14X1.5	16.5	17	0.0419	800
D0318-S08		8	M16X1.5	16.5	19	0.0485	800
D0318-S10		10	M18X1.5	17.5	22	0.0728	800
D0318-S12		12	M20X1.5	17.5	24	0.0816	630
D0318-S14		14	M22X1.5	20.5	27	0.1235	630
D0318-S16		16	M24X1.5	20.5	30	0.1543	630
D0318-S20		20	M30X2.0	24	36	0.2425	420
D0318-S25		25	M36X2.0	27	46	0.4828	420
D0318-S30		30	M42X2.0	29	50	0.5291	420
D0318-S38		38.3	M52X2.0	32.5	60	0.7716	420

D0319

MBT TUBE SLEEVE / PROGRESSIVE CUTTING RING (PDR)

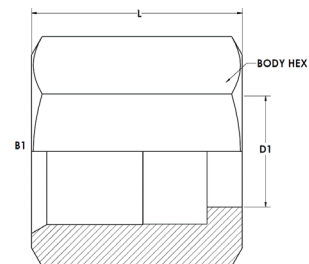
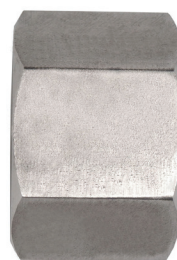


B1
DIN METRIC
TUBE SLEEVE
DIN 3861

Part #	CODE	D1	THREAD	L1	WT	BAR
D0319-06		6	6MM	10	0.004	800
D0319-08		8	8MM	9.5	0.007	800
D0319-10		10	10MM	10	0.009	800
D0319-12		12	12MM	9.5	0.009	630
D0319-14		14	14MM	10	0.013	630
D0319-15		15	15MM	10	0.011	400
D0319-16		16	16MM	10.5	0.015	630
D0319-18		18	18MM	10	0.015	400
D0319-20		20	20MM	12	0.026	420
D0319-22		22	22MM	10.5	0.02	250
D0319-25		25	25MM	12	0.033	420
D0319-28		28	28MM	11	0.026	250
D0319-30		30	30MM	13	0.044	420
D0319-35		35	35MM	13	0.051	250
D0319-38		38	38MM	13	0.055	420
D0319-42		42	42MM	13	0.059	250
D0319-E04	EXTRA LIGHT	4	04MM			
D0319-E06		6	06MM			
D0319-E08		8	08MM			
D0319-E10		10	10MM			
D0319-E12		12	12MM			

D0328

37° METR FL NUT (BM)

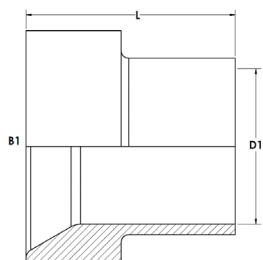
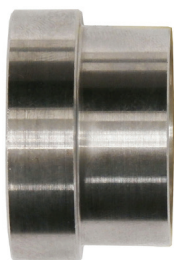


B1
JIC TUBE NUT
ISO 8434, SAE K 514

Part #	CODE	D1	THREAD	L1	BODY	WT	BAR
D0328-L06	LIGHT	7.75	M12X1.5	17	14	0.026	500
D0328-L08		9.5	M14X1.5	19	17	0.0444	500
D0328-L10		11.7	M16X1.5	19.5	19	0.0519	500
D0328-L12		13.8	M18X1.5	21.5	22	0.0794	400
D0328-L15		17.7	M22X1.5	23	27	0.1246	400
D0328-L18		21.2	M26X1.5	23	32	0.1717	400
D0328-L22		24.4	M30X2.0	27.5	36	0.2476	250
D0328-L28		30.4	M36X2.0	27.5	41	0.2685	250
D0328-L35		38.3	M45X2.0	30	50	0.3863	250
D0328-L42		45.3	M52X2.0	34	60	0.7	250
D0328-S06	HEAVY	7.75	M14X1.5	19	17	0.0481	630
D0328-S08		9.5	M16X1.5	20	19	0.0589	630
D0328-S10		11.7	M18X1.5	21.5	22	0.0854	630
D0328-S12		13.8	M20X1.5	22	24	0.0968	630
D0328-S14		17.7	M22X1.5	23	27	0.1246	630
D0328-S16		18.7	M24X1.5	26.5	30	0.1831	630
D0328-S20		24.4	M30X2.0	27.5	36	0.2476	420
D0328-S25		28.7	M36X2.0	30.5	46	0.5061	420
D0328-S30		34.2	M42X2.0	32	50	0.5286	420
D0328-S38		42.3	M52X2.0	38	60	0.8156	420

D0329

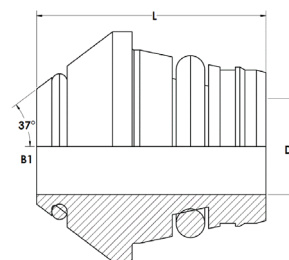
37° METR FL SLV (BDH)



B1 JIC TUBE SLEEVE				
Part #	D1	L1	WT	BAR
D0329-06	6.2	10.5	0.0048	500
D0329-08	8.2	11	0.0061	500
D0329-10	10.2	12.5	0.0084	500
D0329-12	12.2	13	0.0107	400
D0329-14	14.2	14.5	0.0264	630
D0329-15	15.2	14	0.0207	400
D0329-16	16.2	17	0.0284	630
D0329-18	18.2	14.5	0.0317	400
D0329-20	20.2	17.5	0.0545	420
D0329-22	22.2	18	0.0363	250
D0329-25	25.2	20	0.0688	420
D0329-28	28.2	17	0.0446	250
D0329-30	30.2	21.5	0.0997	420
D0329-35	35.25	19	0.0829	250
D0329-38	38.25	26.5	0.1666	420
D0329-42	42.3	21	0.1117	250

D0330

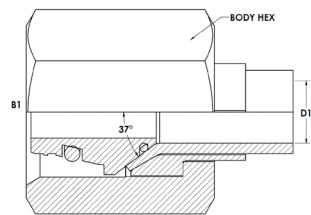
37/24 FL INSERT (BKR)



B1 37 DEGREE FLARE INSERT ISO 3601 O-RING				
Part #	D1	L1	WT	BAR
D0330-06	3	11.5	0.0062	500
D0330-08	5	12	0.0089	500
D0330-10	6	12.5	0.0143	500
D0330-12	8	12.5	0.0183	400
D0330-14	9	14	0.0264	630
D0330-15	11	12.5	0.0227	400
D0330-16	11	15	0.0326	630
D0330-18	14	13	0.0281	400
D0330-20	14	18.5	0.0603	420
D0330-22	17	14.2	0.0449	250
D0330-25	19	20	0.0845	420
D0330-28	23	14.7	0.062	250
D0330-30	23	22	0.1262	420
D0330-35	28	18.5	0.1289	250
D0330-38	30	26	0.2022	420
D0330-42	35	20.5	0.1729	250

D0333

37/24 TUBE ADAP (BO-SET)



B1
37 DEGREE FLARE ADAPTER
ISO 8434-1

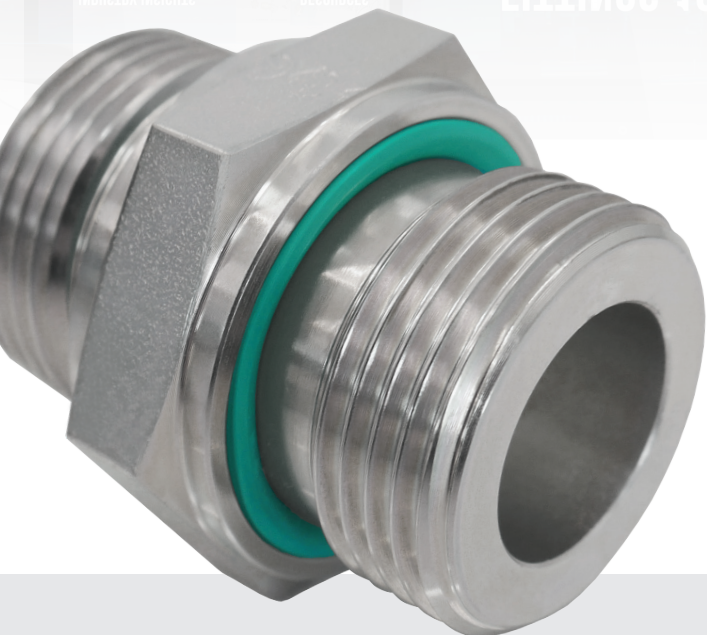
Part #	D1	THREAD	BODY	WT	BAR
D0333-L06	3	M12X1.5	14	0.041	500
D0333-L08	5	M14X1.5	17	0.0648	500
D0333-L10	6	M16X1.5	19	0.0833	500
D0333-L12	8	M18X1.5	22	0.1192	400
D0333-L15	11	M22X1.5	27	0.1897	400
D0333-L18	14	M26X1.5	32	0.2593	400
D0333-L22	17	M30X2.0	36	0.3714	250
D0333-L28	23	M36X2.0	41	0.4445	250
D0333-L35	28	M45X2.0	50	0.6982	250
D0333-L42	35	M52X2.0	60	1.1151	250
D0333-S06	3	M14X1.5	17	0.0631	630
D0333-S08	5	M16X1.5	19	0.0794	630
D0333-S10	6	M18X1.5	22	0.1168	630
D0333-S12	8	M20X1.5	24	0.1366	630
D0333-S14	9	M22X1.5	27	0.1986	630
D0333-S16	11	M24X1.5	30	0.2732	630
D0333-S20	14	M30X2.0	36	0.4118	420
D0333-S25	19	M36X2.0	46	0.7323	420
D0333-S30	23	M42X2.0	50	0.852	420
D0333-S38	30	M52X2.0	60	1.3733	420





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