



NITTA MOORE



TUBING & FITTING 2007

MALE CONNECTOR



FRACTIONAL	TUBE SIZE	THREAD SIZE
EC5/32-U10-32	5/32"	10-32 UNF
EC5/32-NPT1/8	5/32"	1/8 NPT
EC5/32-NPT1/4	5/32"	1/4 NPT
EC1/4-M5	1/4"	M5
EC1/4-U10-32	1/4"	10-32 UNF
EC1/4-NPT1/8	1/4"	1/8 NPT
EC1/4-NPT1/4	1/4"	1/4 NPT
EC1/4-NPT3/8	1/4"	3/8 NPT
EC5/16-NPT1/8	5/16"	1/8 NPT
EC5/16-NPT1/4	5/16"	1/4 NPT
EC5/16-NPT3/8	5/16"	3/8 NPT
EC3/8-NPT1/8	3/8"	1/8 NPT
EC3/8-NPT1/4	3/8"	1/4 NPT
EC3/8-NPT3/8	3/8"	3/8 NPT
EC3/8-NPT1/2	3/8"	1/2 NPT
EC1/2-NPT1/4	1/2"	1/4 NPT
EC1/2-NPT3/8	1/2"	3/8 NPT
EC1/2-NPT1/2	1/2"	1/2 NPT

METRIC	TUBE SIZE	THREAD SIZE
EC4-M5	4mm	M5
EC4-M5A	4mm	M5 (round body)
EC4-PT1/8	4mm	1/8 PT
EC4-PT1/4	4mm	1/4 PT
EC6-M5	6mm	M5
EC6-PT1/8	6mm	1/8 PT
EC6-PT1/4	6mm	1/4 PT
EC6-PT3/8	6mm	3/8 PT
EC8-PT1/8	8mm	1/8 PT
EC8-PT1/4	8mm	1/4 PT
EC8-PT3/8	8mm	3/8 PT
EC10-PT1/8	10mm	1/8 PT
EC10-PT1/4	10mm	1/4 PT
EC10-PT1/2	10mm	1/2 PT
EC10-PT3/8	10mm	3/8 PT
EC12-PT1/4	12mm	1/4 PT
EC12-PT3/8	12mm	3/8 PT
EC12-PT1/2	12mm	1/2 PT
EC16-PT3/8	16mm	3/8 PT
EC16-PT1/2	16mm	1/2 PT

FEMALE CONNECTOR



FRACTIONAL	TUBE SIZE	THREAD SIZE
EFC5/32-NPT1/8	5/32"	1/8 NPT
EFC1/4-NPT1/8	1/4"	1/8 NPT
EFC1/4-NPT1/4	1/4"	1/4 NPT
EFC5/16-NPT1/4	5/16"	1/4 NPT
EFC5/16-NPT3/8	5/16"	3/8 NPT
EFC3/8-NPT1/4	3/8"	1/4 NPT
EFC3/8-NPT3/8	3/8"	3/8 NPT
EFC1/2-NPT1/4	1/2"	1/4 NPT
EFC1/2-NPT3/8	1/2"	3/8 NPT

METRIC	TUBE SIZE	THREAD SIZE
EFC4-PT1/8	4mm	1/8 PT
EFC6-PT1/8	6mm	1/8 PT
EFC6-PT1/4	6mm	1/4 PT
EFC8-PT1/4	8mm	1/4 PT
EFC8-PT3/8	8mm	3/8 PT
EFC10-PT1/4	10mm	1/4 PT
EFC10-PT3/8	10mm	3/8 PT
EFC10-PT1/2	10mm	1/2 PT
EFC12-PT1/4	12mm	1/4 PT
EFC12-PT3/8	12mm	3/8 PT
EFC12-PT1/2	12mm	1/2 PT

90° ELBOW



FRACTIONAL	TUBE SIZE	THREAD SIZE
EL5/32-U10-32	5/32"	10-32 UNF
EL5/32-NPT1/8	5/32"	1/8 NPT
EL5/32-NPT1/4	5/32"	1/4 NPT
EL1/4-U10-32	1/4"	10-32 UNF
EL1/4-NPT1/8	1/4"	1/8 NPT
EL1/4-NPT1/4	1/4"	1/4 NPT
EL1/4-NPT3/8	1/4"	3/8 NPT
EL5/16-NPT1/8	5/16"	1/8 NPT
EL5/16-NPT1/4	5/16"	1/4 NPT
EL5/16-NPT3/8	5/16"	3/8 NPT
EL3/8-NPT1/8	3/8"	1/8 NPT
EL3/8-NPT1/4	3/8"	1/4 NPT
EL3/8-NPT3/8	3/8"	3/8 NPT
EL3/8-NPT1/2	3/8"	1/2 NPT
EL1/2-NPT1/4	1/2"	1/4 NPT
EL1/2-NPT3/8	1/2"	3/8 NPT
EL1/2-NPT1/2	1/2"	1/2 NPT

METRIC	TUBE SIZE	THREAD SIZE
EL4-M5	4mm	M5
EL4-PT1/8	4mm	1/8 PT
EL4-PT1/4	4mm	1/4 PT
EL6-M5	6mm	M5
EL6-PT1/8	6mm	1/8 PT
EL6-PT1/4	6mm	1/4 PT
EL6-PT3/8	6mm	3/8 PT
EL8-PT1/8	8mm	1/8 PT
EL8-PT1/4	8mm	1/4 PT
EL8-PT3/8	8mm	3/8 PT
EL10-PT1/8	10mm	1/8 PT
EL10-PT1/4	10mm	1/4 PT
EL10-PT3/8	10mm	3/8 PT
EL10-PT1/2	10mm	1/2 PT
EL12-PT1/4	12mm	1/4 PT
EL12-PT3/8	12mm	3/8 PT
EL12-PT1/2	12mm	1/2 PT
EL16-PT3/8	16mm	3/8 PT
EL16-PT1/2	16mm	1/2 PT

90° EXTENDED LENGTH ELBOW



FRACTIONAL	TUBE SIZE	THREAD SIZE
ELL5/32-U10-32	5/32"	10-32 UNF
ELL5/32-NPT1/8	5/32"	1/8 NPT
ELL5/32-NPT1/4	5/32"	1/4 NPT
ELL1/4-U10-32	1/4"	10-32 UNF
ELL1/4-NPT1/8	1/4"	1/8 NPT
ELL1/4-NPT1/4	1/4"	1/4 NPT
ELL1/4-NPT3/8	1/4"	3/8 NPT
ELL5/16-NPT1/8	5/16"	1/8 NPT
ELL5/16-NPT1/4	5/16"	1/4 NPT
ELL5/16-NPT3/8	5/16"	3/8 NPT
ELL3/8-NPT1/8	3/8"	1/8 NPT
ELL3/8-NPT1/4	3/8"	1/4 NPT
ELL3/8-NPT3/8	3/8"	3/8 NPT
ELL3/8-NPT1/2	3/8"	1/2 NPT
ELL1/2-NPT1/4	1/2"	1/4 NPT
ELL1/2-NPT3/8	1/2"	3/8 NPT
ELL1/2-NPT1/2	1/2"	1/2 NPT

METRIC	TUBE SIZE	THREAD SIZE
ELL4-M5	4mm	M5
ELL4-PT1/8	4mm	1/8 PT
ELL4-PT1/4	4mm	1/4 PT
ELL6-M5	6mm	M5
ELL6-PT1/8	6mm	1/8 PT
ELL6-PT1/4	6mm	1/4 PT
ELL6-PT3/8	6mm	3/8 PT
ELL8-PT1/8	8mm	1/8 PT
ELL8-PT1/4	8mm	1/4 PT
ELL8-PT3/8	8mm	3/8 PT
ELL10-PT1/8	10mm	1/8 PT
ELL10-PT1/4	10mm	1/4 PT
ELL10-PT3/8	10mm	3/8 PT
ELL10-PT1/2	10mm	1/2 PT
ELL12-PT1/4	12mm	1/4 PT
ELL12-PT3/8	12mm	3/8 PT
ELL12-PT1/2	12mm	1/2 PT

BRANCH TEE



FRACTIONAL	TUBE SIZE	THREAD SIZE
ET5/32-U10-32	5/32"	10-32 UNF
ET5/32-NPT1/8	5/32"	1/8 NPT
ET5/32-NPT1/4	5/32"	1/4 NPT
ET1/4-U10-32	1/4"	10-32 UNF
ET1/4-NPT1/8	1/4"	1/8 NPT
ET1/4-NPT1/4	1/4"	1/4 NPT
ET1/4-NPT3/8	1/4"	3/8 NPT
ET5/16-NPT1/8	5/16"	1/8 NPT
ET5/16-NPT1/4	5/16"	1/4 NPT
ET5/16-NPT3/8	5/16"	3/8 NPT
ET3/8-NPT1/8	3/8"	1/8 NPT
ET3/8-NPT1/4	3/8"	1/4 NPT
ET3/8-NPT3/8	3/8"	3/8 NPT
ET3/8-NPT1/2	3/8"	1/2 NPT
ET1/2-NPT1/4	1/2"	1/4 NPT
ET1/2-NPT3/8	1/2"	3/8 NPT
ET1/2-NPT1/2	1/2"	1/2 NPT

METRIC	TUBE SIZE	THREAD SIZE
ET4-M5	4MM	M5
ET4-PT1/8	4MM	1/8 PT
ET4-PT1/4	4MM	1/4 PT
ET6-M5	6MM	M5
ET6-PT1/8	6MM	1/8 PT
ET6-PT1/4	6MM	1/4 PT
ET6-PT3/8	6MM	3/8 PT
ET8-PT1/8	8MM	1/8 PT
ET8-PT1/4	8MM	1/4 PT
ET8-PT3/8	8MM	3/8 PT
ET10-PT1/8	10MM	1/8 PT
ET10-PT1/4	10MM	1/4 PT
ET10-PT3/8	10MM	3/8 PT
ET10-PT1/2	10MM	1/2 PT
ET12-PT1/4	12MM	1/4 PT
ET12-PT3/8	12MM	3/8 PT
ET12-PT1/2	12MM	1/2 PT
ET16-PT3/8	16MM	3/8 PT
ET16-PT1/2	16MM	1/2 PT

RUN TEE



FRACTIONAL	TUBE SIZE	THREAD SIZE
EST5/32-U10-32	5/32"	10-32 UNF
EST5/32-NPT1/8	5/32"	1/8 NPT
EST5/32-NPT1/4	5/32"	1/4 NPT
EST1/4-U10-32	1/4"	10-32 UNF
EST1/4-NPT1/8	1/4"	1/8 NPT
EST1/4-NPT1/4	1/4"	1/4 NPT
EST1/4-NPT3/8	1/4"	3/8 NPT
EST5/16-NPT1/8	5/16"	1/8 NPT
EST5/16-NPT1/4	5/16"	1/4 NPT
EST5/16-NPT3/8	5/16"	3/8 NPT
EST3/8-NPT1/8	3/8"	1/8 NPT
EST3/8-NPT1/4	3/8"	1/4 NPT
EST3/8-NPT3/8	3/8"	3/8 NPT
EST3/8-NPT1/2	3/8"	1/2 NPT
EST1/2-NPT1/4	1/2"	1/4 NPT
EST1/2-NPT3/8	1/2"	3/8 NPT
EST1/2-NPT1/2	1/2"	1/2 NPT

METRIC	TUBE SIZE	THREAD SIZE
EST4-M5	4MM	M5
EST4-PT1/8	4MM	1/8 PT
EST4-PT1/4	4MM	1/4 PT
EST6-M5	6MM	M5
EST6-PT1/8	6MM	1/8 PT
EST6-PT1/4	6MM	1/4 PT
EST6-PT3/8	6MM	3/8 PT
EST8-PT1/8	8MM	1/8 PT
EST8-PT1/4	8MM	1/4 PT
EST8-PT3/8	8MM	3/8 PT
EST10-PT1/8	10MM	1/8 PT
EST10-PT1/4	10MM	1/4 PT
EST10-PT3/8	10MM	3/8 PT
EST10-PT1/2	10MM	1/2 PT
EST12-PT1/4	12MM	1/4 PT
EST12-PT3/8	12MM	3/8 PT
EST12-PT1/2	12MM	1/2 PT
EST16-PT3/8	16MM	3/8 PT
EST16-PT1/2	16MM	1/2 PT

"Y" CONNECTOR



FRACTIONAL	TUBE SIZE	THREAD SIZE
EY5/32-U10-32	5/32"	10-32 UNF
EY5/32-NPT1/8	5/32"	1/8 NPT
EY5/32-NPT1/4	5/32"	1/4 NPT
EY1/4-U10-32	1/4"	10-32 UNF
EY1/4-NPT1/8	1/4"	1/8 NPT
EY1/4-NPT1/4	1/4"	1/4 NPT
EY1/4-NPT3/8	1/4"	3/8 NPT
EY5/16-NPT1/8	5/16"	1/8 NPT
EY5/16-NPT1/4	5/16"	1/4 NPT
EY5/16-NPT3/8	5/16"	3/8 NPT
EY3/8-NPT1/4	3/8"	1/4 NPT
EY3/8-NPT3/8	3/8"	3/8 NPT
EY1/2-NPT1/4	1/2"	1/4 NPT
EY1/2-NPT3/8	1/2"	3/8 NPT
EY1/2-NPT1/2	1/2"	1/2 NPT

METRIC	TUBE SIZE	THREAD SIZE
EY4-M5	4MM	M5
EY4-PT1/8	4MM	1/8 PT
EY4-PT1/4	4MM	1/4 PT
EY6-M5	6MM	M5
EY6-PT1/8	6MM	1/8 PT
EY6-PT1/4	6MM	1/4 PT
EY6-PT3/8	6MM	3/8 PT
EY8-PT1/8	8MM	1/8 PT
EY8-PT1/4	8MM	1/4 PT
EY8-PT3/8	8MM	3/8 PT
EY10-PT1/4	10MM	1/4 PT
EY10-PT3/8	10MM	3/8 PT
EY10-PT1/2	10MM	1/2 PT
EY12-PT1/4	12MM	1/4 PT
EY12-PT3/8	12MM	3/8 PT
EY12-PT1/2	12MM	1/2 PT
EY16-PT3/8	16MM	3/8 PT
EY16-PT1/2	16MM	1/2 PT

45° ELBOW



PART NUMBER:	TUBE SIZE	THREAD SIZE
E45L4-M5	4MM	M5
E45L4-PT1/8	4MM	1/8 PT
E45L4-PT1/4	4MM	1/4 PT
E45L6-M5	6MM	M5
E45L6-PT1/8	6MM	1/8 PT
E45L6-PT1/4	6MM	1/4 PT
E45L6-PT3/8	6MM	3/8 PT
E45L8-PT1/8	8MM	1/8 PT
E45L8-PT1/4	8MM	1/4 PT
E45L8-PT3/8	8MM	3/8 PT
E45L10-PT1/8	10MM	1/8 PT
E45L10-PT1/4	10MM	1/4 PT
E45L10-PT3/8	10MM	3/8 PT
E45L10-PT1/2	10MM	1/2 PT
E45L12-PT1/4	12MM	1/4 PT
E45L12-PT3/8	12MM	3/8 PT
E45L12-PT1/2	12MM	1/2 PT

REDUCER



METRIC	STEM SIZE	TUBE SIZE
ER4-6	6MM	4MM
ER4-8	8MM	4MM
ER6-8	8MM	6MM
ER6-10	10MM	6MM
ER6-12	12MM	6MM
ER8-10	10MM	8MM
ER8-12	12MM	8MM
ER10-12	12MM	10MM

RIGHT ANGLE FLOW CONTROL

FLOW PATH - O-METER OUT, I-METER IN



FRACTIONAL	TUBE SIZE	THREAD SIZE
ESC5/32-U10-32-I	5/32"	10-32 UNF
ESC5/32-U10-32-O	5/32"	10-32 UNF
ESC5/32-NPT1/8-I	5/32"	1/8 NPT
ESC5/32-NPT1/8-O	5/32"	1/8 NPT
ESC1/4-U10-32-I	1/4"	10-32 UNF
ESC1/4-U10-32-O	1/4"	10-32 UNF
ESC1/4-NPT1/8-I	1/4"	1/8 NPT
ESC1/4-NPT1/8-O	1/4"	1/8 NPT
ESC1/4-NPT1/4-I	1/4"	1/4 NPT
ESC1/4-NPT1/4-O	1/4"	1/4 NPT
ESC5/16-NPT1/8-I	5/16"	1/8 NPT
ESC5/16-NPT1/8-O	5/16"	1/8 NPT
ESC5/16-NPT1/4-I	5/16"	1/4 NPT
ESC5/16-NPT1/4-O	5/16"	1/4 NPT
ESC5/16-NPT3/8-I	5/16"	3/8 NPT
ESC5/16-NPT3/8-O	5/16"	3/8 NPT
ESC3/8-NPT1/8-I	3/8"	1/8 NPT
ESC3/8-NPT1/8-O	3/8"	1/8 NPT
ESC3/8-NPT1/4-I	3/8"	1/4 NPT
ESC3/8-NPT1/4-O	3/8"	1/4 NPT
ESC3/8-NPT3/8-I	3/8"	3/8 NPT
ESC3/8-NPT3/8-O	3/8"	3/8 NPT
ESC3/8-NPT1/2-I	3/8"	1/2 NPT
ESC3/8-NPT1/2-O	3/8"	1/2 NPT



METRIC	TUBE SIZE	THREAD SIZE
ASC4-M5-I	4MM	M5
ASC4-M5-O	4MM	M6
ASC4-R1/8-I	4MM	1/8 PT
ASC4-R1/8-O	4MM	1/8 PT
ASC6-M5-I	6MM	M5
ASC6-M5-O	6MM	M5
ASC6-R1/8-I	6MM	1/8 PT
ASC6-R1/8-O	6MM	1/8 PT
ASC6-R1/4-I	6MM	1/4 PT
ASC6-R1/4-O	6MM	1/4 PT
ASC8-R1/8-I	8MM	1/8 PT
ASC8-R1/8-O	8MM	1/8 PT
ASC8-R1/4-I	8MM	1/4 PT
ASC8-R1/4-O	8MM	1/4 PT
ASC8-R3/8-I	8MM	3/8 PT
ASC8-R3/8-O	8MM	3/8 PT
ASC10-R1/8-I	10MM	1/8 PT
ASC10-R1/8-O	10MM	1/8 PT
ASC10-R1/4-I	10MM	1/4 PT
ASC10-R1/4-O	10MM	1/4 PT
ASC10-R3/8-I	10MM	3/8 PT
ASC10-R3/8-O	10MM	3/8 PT
ASC10-R1/2-I	10MM	1/2 PT
ASC10-R1/2-O	10MM	1/2 PT
ASC12-R3/8-I	12MM	3/8 PT
ASC12-R3/8-O	12MM	3/8 PT
ASC12-R1/2-I	12MM	1/2 PT
ASC12-R1/2-O	12MM	1/2 PT

BULKHEAD CONNECTOR (FEMALE THREAD TO TUBE)



FRACTIONAL	TUBE SIZE	THREAD SIZE
EPFC1/4-NPT1/4	1/4"	1/4"
EPFC3/8-NPT3/8	3/8"	3/8"
EPFC1/2-NPT3/8	1/2"	3/8"
EPFC1/2-NPT1/2	1/2"	1/2"

METRIC	TUBE SIZE	THREAD SIZE
EPFC4-PT1/8	4MM	1/8 PT
EPFC6-PT1/8	6MM	1/8 PT
EPFC6-PT1/4	6MM	1/4 PT
EPFC8-PT1/4	8MM	1/4 PT
EPFC8-PT3/8	8MM	3/8 PT
EPFC10-PT1/4	10MM	1/4 PT
EPFC10-PT3/8	10MM	3/8 PT
EPFC12-PT1/4	12MM	1/4 PT
EPFC12-PT3/8	12MM	3/8 PT

BULKHEAD CONNECTOR (TUBE TO TUBE)



FRACTIONAL	TUBE SIZE	METRIC	TUBE SIZE
EPC5/32	5/32"	EPC4	4mm
EPC1/4	1/4"	EPC6	6mm
EPC3/8	3/8"	EPC8	8mm
EPC1/2	1/2"	EPC10	10mm
		EPC12	12mm

INLINE FLOW CONTROL (TUBE TO TUBE)



FRACTIONAL	TUBE SIZE	METERED IN ONE DIRECTION AND FULL FLOW IN THE OPPOSITE DIRECTION
ESU4	4mm	
ESU6	6mm	
ESU8	8mm	

STRAIGHT TUBE TO TUBE UNION



FRACTIONAL	TUBE SIZE	METRIC	TUBE SIZE
EUC5/32	5/32"	EUC4	4mm
EUC1/4	1/4"	EUC4-6	4mm
EUC5/16	5/16"	EUC6	6mm
EUC3/8	3/8"	EUC6-8	6mm
EUC1/2	1/2"	EUC8	8mm
		EUC8-10	8mm
		EUC10	10mm
		EUC10-12	10mm
		EUC12	12mm
		EUC16	16mm

90° TUBE TO TUBE UNION ELBOW



FRACTIONAL	TUBE SIZE	METRIC	TUBE SIZE
EUL5/32	5/32"	EUL4	4mm
EUL1/4	1/4"	EUL6	6mm
EUL5/16	5/16"	EUL8	8mm
EUL3/8	3/8"	EUL10	10mm
EUL1/2	1/2"	EUL12	12mm
		EUL16	16mm

TUBE TO TUBE UNION TEE



FRACTIONAL	TUBE SIZE	METRIC	TUBE SIZE
EUT5/32	5/32"	EUT4	4mm
EUT1/4	1/4"	EUT4-6	4mm
EUT5/16	5/16"	EUT6	6mm
EUT3/8	3/8"	EUT6-8	6mm
EUT1/2	1/2"	EUT8	8mm
		EUT8-10	8mm
		EUT10	10mm
		EUT10-12	10mm
		EUT12	12mm
		EUT16	16mm

TUBE TO TUBE UNION 'Y'



FRACTIONAL	TUBE SIZE	METRIC	TUBE SIZE
EYB5/32-5/32	5/32"	EYB4-4	4mm
EYB1/4-1/4	1/4"	EYB4-6	4mm
EYB5/16-5/16	5/16"	EYB6-6	6mm
EYB3/8-3/8	3/8"	EYB6-8	6mm
EYB1/2-1/2	1/2"	EYB8-8	8mm
		EYB8-10	8mm
		EYB10-10	10mm
		EYB10-12	10mm
		EYB12-12	12mm

POPULAR LINES AVAILABLE



TUBING

- Polyurethane - For general air pressure
- Nylon - For multi purpose piping
- Flame-resistant - For spot welding piping
- Polyolefin resin - Clean piping
- Fluorocarbon resin - Chemical resistance

CHEMFIT™

The semiconductor and other high-technology “clean” industries require submicron level, ultra-precise processing; contamination from appliances and pipes is of great concern. In response to these needs, C1 SERIES provides non-polluting, contamination-free materials and totally oil-free processing. Moreover, C1 SERIES is equipped with the push-in mechanism developed by NITTA MOORE which permits tube attachment by simple insertion, eliminating the need for tools and greatly cutting work time.

- Totally oil-free processing
- Non-pollution and Contamination-free
- Push-in connection
- Fluid-contact portions are metal-free