

Thread Conversion Fittings

L Fixed Type / L Configurable Type



RoHS10

Type						Material	Surface Treatment	Max. Operating Pressure	Thread JIS B 0203 R (PT) JIS B 0202 G (PF): ISO 228-1 Interchangeable ANSI/ASME B.1.20.1-1983 (NPT)
L Fixed			L Configurable						
Male/Female Threads	Both Ends Male Threads	Both Ends Female Threads	Male/Female Threads	Both Ends Male Threads	Both Ends Female Threads				
APMTF	APMMF	APMFF	APMTFL	APMMFL	APMFFL	EN 1.0038 Equiv.	Electroless Nickel Plating		
APMTS	APMMS	APMFS	APMTSL	APMMSL	APMFSL	EN 1.4305 Equiv.	-		
APMTY	APMMY	APMFY	APMTYL	APMMYL	APMFYL	Brass	-	20.6MPa	

Male/Female Threads

Thread①
d
1/8
L
1/8
Thread②
B
6.3
3/16

Both Ends Male Threads

Thread①
d
1/8
L1
L
L2
1/8
B
6.3
3/16
Thread②

Both Ends Female Threads

Thread①
d
1/8
L
1/8
Thread②
B
6.3
3/16

25 / (6.3 / 1.6)

* Max. allowable operating pressure for M5 type is 1MPa or less.
* Male Threaded Side of M5 Type is provided with a nylon washer.

Male/Female Threads

Part Number Type	Thread Shape①	No.	T (PT) G (PF) N (NPT)	Thread Shape②	No.	T (PT) G (PF) N (NPT)	L		B	(C)	d	Unit Price				
							Fixed	1mm Increment				L Fixed Type		L Configurable		
L Fixed Type APMTF APMTS APMTY L Configurable APMTFL APMTSL APMTYL	T (PT) G (PF) N (NPT)	1	1/8	T (PT) G (PF) N (NPT)	M5	-	15	16~30	13	14.4	4.2	APMTF	APMTS	APMTFL	APMTSL	APMTYL
						1	1/8	15	16~30	13	14.4	4.5				
						2	1/4	20	21~35	17	19.6	4.5				
						3	3/8	20	21~35	19	21.9	6.5				
		2	1/4	T (PT) G (PF) N (NPT)	M5	-	15	16~30	17	19.6	4.2					
						1	1/8	15	16~30	17	19.6	4.5				
						2	1/4	20	21~35	17	19.6	6.5				
						3	3/8	20	21~35	19	21.9	6.5				
		3	3/8	T (PT) G (PF) N (NPT)	M5	-	15	16~30	17	19.6	4.2					
						1	1/8	15	16~30	17	19.6	4.5				
						2	1/4	20	21~35	17	19.6	6.5				
						3	3/8	20	21~35	19	21.9	6.5				
		4	1/2	T (PT) G (PF) N (NPT)	M5	-	15	16~30	17	19.6	4.2					
						1	1/8	15	16~30	17	19.6	4.5				
						2	1/4	20	21~35	17	19.6	6.5				
						3	3/8	20	21~35	19	21.9	6.5				

Both Ends Male Threads

Part Number Type	Thread Shape①	No.	T (PT) G (PF) N (NPT)	Thread Shape②	No.	T (PT) G (PF) N (NPT)	L		B	(C)	d1	d2	d	Unit Price				
							Fixed	1mm Increment						L Fixed Type		L Configurable		
L Fixed Type APMMF APMMS APMMY L Configurable APMMFL APMMSL APMMYL	T (PT) G (PF) N (NPT)	1	1/8	T (PT) G (PF) N (NPT)	M5	-	13	14.4	10	7.5	3			APMMF	APMMS	APMMY	APMMFL	APMMSL
						1	1/8	13	14.4	10	4.5							
						2	1/4	17	19.6	10	12	4.5						
						3	3/8	17	19.6	12	7.5	3						
		2	1/4	T (PT) G (PF) N (NPT)	M5	-	13	14.4	10	7.5	3							
						1	1/8	17	19.6	12	10	4.5						
						2	1/4	17	19.6	12	12	6.5						
						3	3/8	19	21.9	12	13	6.5						
		3	3/8	T (PT) G (PF) N (NPT)	M5	-	13	14.4	10	7.5	3							
						1	1/8	19	21.9	13	12	6.5						
						2	1/4	19	21.9	13	13	9						
						3	3/8	24	27.7	13	17	9						
		4	1/2	T (PT) G (PF) N (NPT)	M5	-	13	14.4	10	7.5	3							
						1	1/8	24	27.7	17	17	10						
						2	1/4	24	27.7	17	17	10						
						3	3/8	24	27.7	17	17	10						

Both Ends Female Threads

Part Number Type	Thread Shape①	No.	T (PT) G (PF) N (NPT)	Thread Shape②	No.	T (PT) G (PF) N (NPT)	L		B	(C)	d	Unit Price					
							Fixed	1mm Increment				L Fixed Type			L Configurable		
												APMFF	APMFS	APMFY	APMFFL	APMFSL	APMFYL
L Fixed Type APMFF APMFS APMFY L Configurable APMFFL APMFSL APMFYL	T (PT) G (PF) N (NPT)	1	1/8	-	M5	-	20	21~35	13	14.4	4.2						
				T (PT)	1	1/8	20	21~35	13	14.4	8.2						
				G (PF)	2	1/4	20	21~35	17	19.6	8.2						
				N (NPT)													
		2	1/4	-	M5	-	25	26~40	17	19.6	4.2						
				T (PT)	1	1/8	25	26~40	17	19.6	8.2						
				G (PF)	2	1/4	25	26~40	17	19.6	10.9						
				N (NPT)	3	3/8	25	26~40	19	21.9	10.9						
		3	3/8	T (PT)	2	1/4	25	26~40	19	21.9	10.9						
				G (PF)	3	3/8	30	31~45	19	21.9	14.2						
				N (NPT)	4	1/2	35	36~50	24	27.7	14.2						
					3	3/8	35	36~50	24	27.7	14.2						
		4	1/2		4	1/2	35	36~50	24	27.7	17.8						

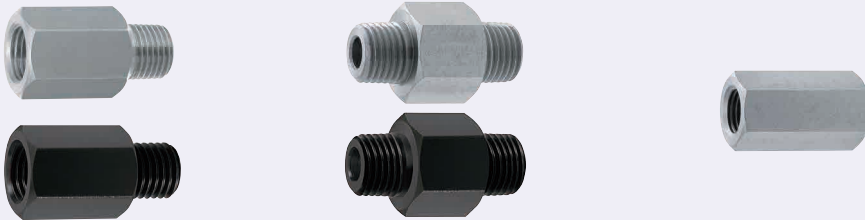


Ordering Example

Part Number - Thread Shape① - Thread Shape② - L
APMTF - T2 - G3 - L20
APMMSL - G1 - M5 - L20

Extension Fittings

L Selectable



RoHS10

Type						Material	Surface Treatment	Max. Operating Pressure	Thread JIS B 0203 R (PT) JIS B 0202 G (PF): ISO 228-1 Interchangeable ANSI/ASME B.1.20.1-1983 (NPT)
Male/Female Threads	Both Ends Male Threads	Both Ends Female Threads	Equal Dia.	Reducing	Equal Dia.				
-	EXTGBD	EXMGB	-	-	-	EN 1.0038 Equiv.	Black Oxide	20.6MPa	
EXTG	EXTGD	EXMG	-	EXFG	EXFGD	EN 1.4305 Equiv.	Electroless Nickel Plating		
EXTGS	EXTGSD	EXMGS	EXMGSD	EXFGS	EXFGSD	-	-		

Male/Female Threads

Both Ends Male Threads

Both Ends Female Threads

* Mx. pressure of No. 5 (M5 Type) is less than 1MPa.
* No. 5 (M5 Type) is provided with a nylon washer.

* For No. 5-L15, the thread may go through.

Male/Female Threads

Part Number Type	No.	L Selection				R/Rc (PT) / M (Coarse) T1 / T2	B	(C)	d	Unit Price	
		1	2	3	4					EXTG	EXTGS
Equal Dia. EXTG EXTGS	1	20	25	30		1/8	14	16.2	4.5		
	2	25	30	35		1/4	19	21.9	6.5		
	3	30	35	40		3/8	24	27.7	9.0		
	4	35	40	45		1/2	27	31.2	10.0		
	5	15	20			M5	8	9.2	2.0		

Male/Female Threads I.D. d

T1	d	T1	d
M5	2.0 (3.0)	NPT1/8	4.5
R1/8	4.5	NPT1/4	6.5
R1/4	6.5	NPT3/8	9.0
R3/8	9.0	NPT1/2	10.0
R1/2	10.0		

() is applicable to Reducing Type.

Part Number Type	No.	M (Coarse) / R (PT) / NPT Selection				L Selection		Rc (PT) T2	B	(C)	d	Unit Price	
		1	2	3	4	1	2					EXTGBD	EXTGSD
Reducing EXTGBD EXTGD EXTGSD	1	5 (M5)	1N (NPT1/8)			20	25	30	1/8	14	16.2		
	2	1 (1/8)	2N (NPT1/4)			25	30	35	1/4	19	21.9		
	3	1 (1/8)	2 (1/4) 3N (NPT3/8)			30	35	40	3/8	24	27.7		
	4	2 (1/4) 3 (3/8) 4N (NPT1/2)				35	40	45	1/2	27	31.2		

Both Ends Male Threads