

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	APMF	APMTFL	APMMFL	APMFLL	Steel for General Structure	Electroless Nickel Plating	20.6MPa	
APMTS	APMMS	APMFS	APMTSL	APMMSL	APMFSL	SUS303	-		
APMTY	APMMY	APMFY	APMTYL	APMMYL	APMFYL	Brass	-		

Male/Female Threads

Thread①

Thread②

d

L

B

G

Both Ends Male Threads

Thread①

Thread②

d

L

Ø1

Ø2

B

Both Ends Female Threads

Thread①

Thread②

d

L

B

Z (/ (3/32 / 1/8))

* 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		
												APMTF	APMTS	APMTY	APMTFL	APMTSL	APMTYL
L Fixed Type APMTF APMTS APMTY L Configurable APMTFL APMTSL APMTYL	T (PT) G (PF) N (NPT)	1	1/8	-	M5	-	15	16~30	13	14.4	4.2						
				1	1/8	15	16~30	13	14.4	4.5							
				2	1/4	20	21~35	17	19.6	4.5							
		2	1/4	-	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	3	3/8	20	21~35	19	21.9	6.5							
				2	1/4	20	21~35	19	21.9	9							
				3	3/8	20	21~35	19	21.9	9							
		4	1/2	4	1/2	25	26~40	24	27.7	9							
				3	3/8	20	21~35	24	27.7	10							
				4	1/2	25	26~40	24	27.7	10							

■ Both Ends Male Threads

Part Number Type	Thread Shape ^①	No.	T (PT) G (PF) N (NPT)	Thread Shape ^②	No.	T (PT) G (PF) N (NPT)	L		B	(C)	ℓ ₁	ℓ ₂	d	Unit Price					
							Fixed	1mm Increment						L Fixed Type			L Configurable		
														APMMF	APMMS	APMMY	APMMFL	APMMSL	APMMYL
L Fixed Type APMMF APMMS APMMY L Configurable APMMFL APMMSL APMMYL	T (PT) G (PF) N (NPT)	1	1/8	-	M5	-	10	11~30	13	14.4	10	7.5	3						
				1	1/8	13			14.4	10	10	4.5							
				2	1/4	17			19.6	10	12	4.5							
		2	1/4	-	M5	-			17	19.6	12	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	2	1/4	19			21.9	12	13	6.5							
				3	3/8	19			21.9	13	12	6.5							
				4	1/2	24			27.7	13	17	9							
		4	1/2	3	3/8	24			27.7	17	13	9							
				4	1/2	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) G (PF) N (NPT)	1	1/8	20	21~35	13	14.4	8.2							
					2	1/4	20	21~35	17	19.6	8.2							
		2	1/4	-	M5	-	25	26~40	17	19.6	4.2							
				T (PT) G (PF) N (NPT)	1	1/8	25	26~40	17	19.6	8.2							
					2	1/4	25	26~40	17	19.6	10.9							
		3	3/8	-	M5	-	25	26~40	19	21.9	10.9							
				T (PT) G (PF) N (NPT)	2	1/4	25	26~40	19	21.9	10.9							
					3	3/8	30	31~45	19	21.9	14.2							
		4	1/2	-	M5	-	35	36~50	24	27.7	14.2							
				T (PT) G (PF) 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	35	36~50	24	27.7	17.8										

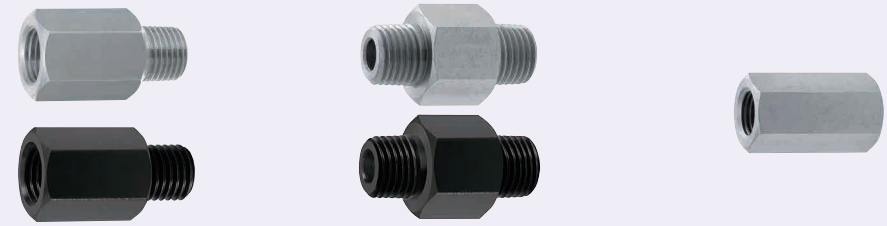


Ordering Example

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

Extension Fittings

L Selectable



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Type						Material	S 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.	Reducing	Equal Dia.	Reducing				
-	EXTGBD	EXMGB	-	-	-	Steel for General Structure Black Oxide Electroless Nickel Plating	20.6MPa		
EXTG	EXTGD	EXMG	-	EXFG	EXFGD			SUS303	
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		L Selection	R/Rc (T/T) / M (Coarse) T ₁ / T ₂	B	(C)	d	Unit Price	
Type	No.						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			
T ₁	d	T ₁	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 Reinforcing Type

■ Male/Female Threads I.D. d

T ₁	d
M5	2.0 (3.0)
R1/8	4.5
R1/4	6.5
R3/8	9.0
R1/2	10.0

T ₁	d
NPT1/8	4.5
NPT1/4	6.5
NPT3/8	9.0
NPT1/2	10.0

() is applicable to Reducing Type.

[illegible]

■ Both Ends Male Threads

Part Number		L Selection	R (PT) / M (Coarse) T ₁ / T ₂	B	(C)	d	ℓ	Unit Price		
Type	No.							EXMGB	EXMG	EXMGS
Equal Dia. EXMGB EXMG EXMGS	1	10 15 20	1/8	14	16.2	4.5	10			
	2		1/4	19	21.9	6.5	10			
	3		3/8	24	27.7	9.0	12			
	4		1/2	27	31.2	10.0	17			
	5	5 10 15	M5	8	9.2	3.0	7.5			

[illegible]

■ Both Ends Female Threads

Part Number		L Selection	Rc (PT) / M (Coarse) T ₁ / T ₂	B	(C)	d	Unit Price	
Type	No.						EXFG	EXFGS
Equal Dia. EXFG EXFGS	1	20 25 30	1/8	14	16.2	8.2		
	2	25 30 35	1/4	19	21.9	10.9		
	3	30 35 40	3/8	24	27.7	14.4		
	4	35 40 45	1/2	27	31.2	18.0		
	5	15 20 25	M5	8	9.2	4.2		

Part Number		M (Coarse) / R (PT) / NPT Selection	L Selection	Rc (PT) T ₂	B	(C)	d	Unit Price	
Type	No.	T ₁						EXFGD	EXFGSD
Reducing EXFGD EXFGSD	1	5 (M5) 1N (NPT1/8)	20 25 30	1/8	14	16.2	4.2		
	2	1 (1/8) 2N (NPT1/4)	25 30 35	1/4	19	21.9	8.2		
	3	1 (1/8) 2 (1/4) 3N (NPT3/8)	30 35 40	3/8	24	27.7	8.2		
	4	2 (1/4) 3 (3/8) 4N (NPT1/2)	35 40 45	1/2	27	31.2	10.9		



Ordering Example

Part Number	T ₁	L
EXTG3	-	30
EXTGSD4	3	40