

# INSERTS FOR PLASTICS

塑膠專用螺母

*Wherever you are...*

*we have the solution!*

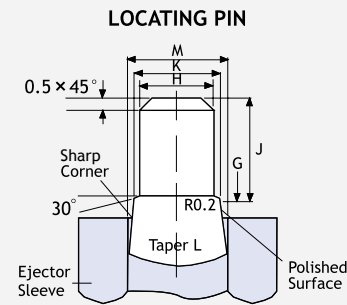
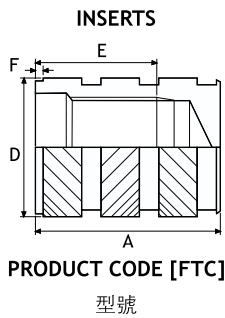
## ADVANTAGES

- Blind ended - prevents ingress of plastic
- Counterbore prevents ingress of plastic and eases assembly on locating pins
- Unique design ensures high levels of performance
- Rolled Threads reduce risk of contamination of mouldings due to metal swarf
- Absence of PIP at blind end reduces risk of contamination and assists automatic insert loaders

## 特點

- 盲孔設計可防止塑膠灌入孔徑內及防水之功能。
- 倒角設計利於裝入模具套筒內。
- 盲孔端切斷面整齊。
- 三段式正反方向斜紋設計提供高拉力與扭力之功能。

## SELECTION OF INSERT




## ISO METRIC (公制)

Unit: Millimetres

Product Code 型	Thread Size 螺牙	Insert Length A 標準長度	Insert ø D 外徑	Min E 有效牙深	Counterbore Depth F 導角深度	G -.020 +.040	H -.025 +.000	J -.100 +.100	K -.0125 +.0125	L Inclusive degress	M
FTC-B	M2	5.5	3.4	3.6	1.0	0.80	1.55	2.65	2.300	6	3.00
	M2.5	6.4	4.3	4.0	1.2	0.90	2.00	3.00	2.800	5	3.50
	M3	7.3	4.7	4.6	1.3	1.05	2.45	3.40	3.125	4.5	4.00
	M3.5	9.2	5.5	6.0	1.6	1.30	2.85	4.55	3.750	4.5	4.70
	M4	10.2	6.3	6.7	1.8	1.55	3.25	5.00	4.425	4.5	5.40
	M5	11.2	7.3	7.4	2.0	1.70	4.15	5.55	5.125	5	6.00
	M6	14.4	9.8	8.1	2.0	1.80	4.95	6.15	6.600	5.5	8.00
	M8	16.5	11.4	11.1	2.3	2.00	6.70	9.00	8.500	6	10.00
M10	17.9	13.8	11.9	2.4	2.10	8.40	9.70	10.500	6	12.00	

Other lengths possible on quotation 其它長度也可估價。

## SPECIFYING AN INSERT

INSERTS(METRIC)					
	FTC	-	B	-	M3
	PRODUCT CODE		MATERIAL		THREAD SIZE
	型號		材質		螺牙
	FTC	-	B	-	632
INSERTS (INCHES)					

## BOSS DESIGN SPECIFICATION

Flo-Tech inserts can be installed after moulding in some applications - please consult the P.S.M Technology Centre or your local Sales Office for further advice.

Mould pin design is critical to the success of the moulding-in operation since the features shown are used to locate and retain the insert prior to moulding and prevent the ingress of plastic during the process.

裝置方式除可用於成型中放入外，亦可使用后埋值方式裝入。

模具上 pin 值非常重要，請依上表的建議數據制作。