

# DELTRONIC CLASS X 級精密塞規

+0.000040" -0  
+0.001mm -0

## 零購單支塞規

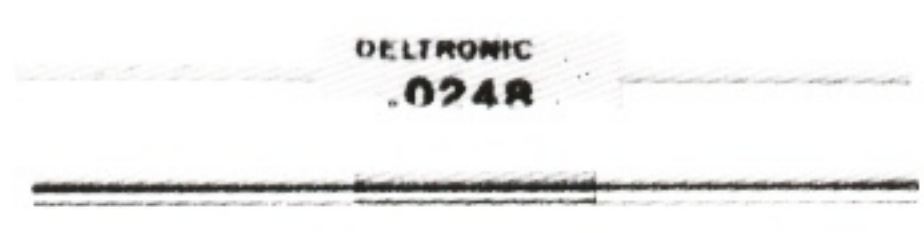
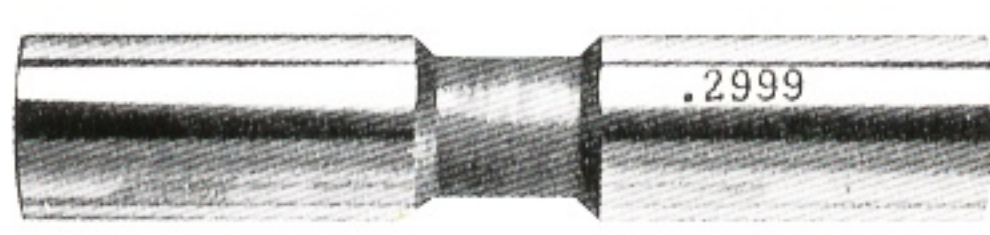
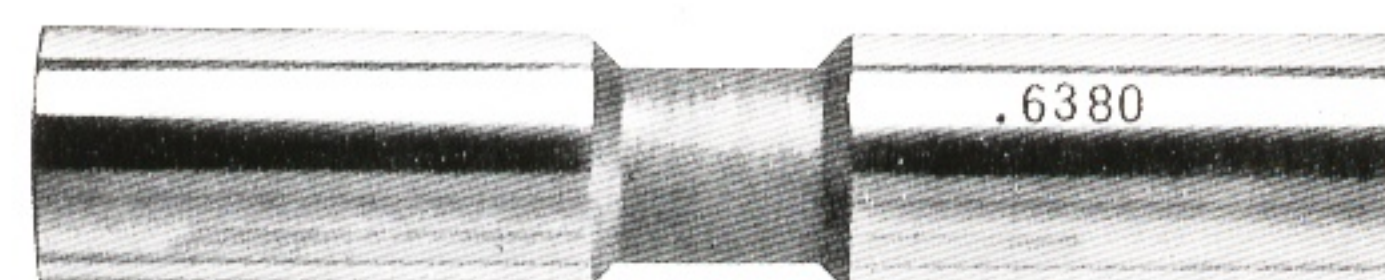
英制規格：10081種尺寸  
每隔0.0001"增量  
範圍從0.0040"到1.0120"

公制規格：10240種尺寸  
每隔0.0025mm增量  
範圍從0.1mm到25.7mm

(每支mm塞規標稱尺寸小數點後三、四位數必為00, 25, 50, 75)



單支塞規都放於塑膠盒中，且含精度保證書，且塞規的尺寸亦標示於塑膠盒之頂端。

X 級 塞 規	直徑尺寸	長度	總 塞 規 數 量				整批包裝
			1	2~4	5~9	10以上	
<p>0.0070" ~ 0.0589" 尺寸標於隔熱握把</p>  <p>從0.0040" ~ 0.1750" 沒有中間凹槽握把設計</p>	0.0040" ~ 0.0150" 0.1mm ~ 0.380mm	1 7/8" 47.62mm	970.00	930.00	860.00	800.00	730.00
	0.0151" ~ 0.0247" 0.3825mm ~ 0.6275mm	1 7/8" 47.62mm	860.00	820.00	760.00	710.00	650.00
	0.0248" ~ 0.1080" 0.63mm ~ 2.7425mm	2 1/4" 57.15mm	500.00	440.00	370.00	330.00	300.00
	0.1081" ~ 0.3872" 2.745mm ~ 9.8325mm	2 1/2" 63.50mm	590.00	490.00	430.00	390.00	350.00
	0.3873" ~ 0.6375" 9.835mm ~ 16.1925mm	3" 76.20mm	670.00	630.00	580.00	550.00	500.00
	16.1950mm ~ 21.2575mm 0.6376" ~ 0.8370"	3 1/2" 88.90mm	940.00	890.00	830.00	800.00	720.00
	21.2600mm ~ 25.7000mm 0.8371" ~ 1.0120"	3 1/2" 88.90mm	999.00	940.00	880.00	860.00	770.00

# DELTRONIC X 級精密塞規

CLASS X  $+0.000040''$   $-0$   
 $+0.001\text{mm}$   $-0$



D L 系列



D E 系列

訂購號碼	尺寸與間隔	數量	牌價
DL0050	0.50mm ~ 1.00mm / 0.01mm	51支	10,300.00
DL0100	1.00mm ~ 1.50mm / 0.01mm	51支	10,300.00
DL0150	1.50mm ~ 2.00mm / 0.01mm	51支	10,300.00
DL0200	2.00mm ~ 2.50mm / 0.01mm	51支	10,300.00
DL0250	2.50mm ~ 3.00mm / 0.01mm	51支	11,700.00
DL0300	3.00mm ~ 3.50mm / 0.01mm	51支	12,300.00
DL0350	3.50mm ~ 4.00mm / 0.01mm	51支	12,300.00
DL0400	4.00mm ~ 4.50mm / 0.01mm	51支	12,300.00
DL0450	4.50mm ~ 5.00mm / 0.01mm	51支	12,300.00
DL0500	5.00mm ~ 5.50mm / 0.01mm	51支	12,300.00
DL0550	5.50mm ~ 6.00mm / 0.01mm	51支	12,300.00
DL0600	6.00mm ~ 6.50mm / 0.01mm	51支	12,300.00
DL0650	6.50mm ~ 7.00mm / 0.01mm	51支	12,300.00
DL0700	7.00mm ~ 7.50mm / 0.01mm	51支	12,300.00
DL0750	7.50mm ~ 8.00mm / 0.01mm	51支	12,300.00
DL0800	8.00mm ~ 8.50mm / 0.01mm	51支	12,300.00
DL0850	8.50mm ~ 9.00mm / 0.01mm	51支	12,300.00
DL0900	9.00mm ~ 9.50mm / 0.01mm	51支	12,300.00
DL0950	9.50mm ~ 10.00mm / 0.01mm	51支	16,200.00
DL1000	10.00mm ~ 10.50mm / 0.01mm	51支	17,500.00
DL1050	10.50mm ~ 11.00mm / 0.01mm	51支	17,500.00
DL1100	11.00mm ~ 11.50mm / 0.01mm	51支	17,500.00
DL1150	11.50mm ~ 12.00mm / 0.01mm	51支	17,500.00
DL1200	12.00mm ~ 12.50mm / 0.01mm	51支	17,500.00
DE0102	1.00mm ~ 2.00mm / 0.01mm	101支	20,000.00
DE0203	2.00mm ~ 3.00mm / 0.01mm	101支	21,000.00
DE0304	3.00mm ~ 4.00mm / 0.01mm	101支	23,000.00
DE0405	4.00mm ~ 5.00mm / 0.01mm	101支	23,000.00
DE0506	5.00mm ~ 6.00mm / 0.01mm	101支	23,000.00
DE0607	6.00mm ~ 7.00mm / 0.01mm	101支	23,000.00
DE0708	7.00mm ~ 8.00mm / 0.01mm	101支	23,000.00
DE0809	8.00mm ~ 9.00mm / 0.01mm	101支	23,000.00
DE0910	9.00mm ~ 10.00mm / 0.01mm	101支	27,000.00
DE1011	10.00mm ~ 11.00mm / 0.01mm	101支	33,000.00
DE1112	11.00mm ~ 12.00mm / 0.01mm	101支	33,000.00

# 美國 DELTRONIC X 級精密塞規

CLASS X +0.000040\* -0  
+0.001mm -0

- DELTRONIC 的塞規獲得美國專利局第2,715,281專利。
- 每一支 X 級塞規均為單向公差，可保證追溯NBS。
- 每一支塞規均標註其尺寸，減少其可能發生的錯誤。
- 獨一的凹槽握把設計，易於操作使用，方便作業。

- 塞規本身的同心度不因長度而變化，適合做各種孔洞量測。
- 每一塞規均拋光至0.000001"。
- 每一支塞規均熱處理至硬度HRC 62~64，且冷淬穩定處理，以確保長期使用。

## DL 系列產品



## DE 系列產品



訂購號碼	尺寸 mm (0.01mm 間隔)	數量	牌價 NT\$
DL0050	0.50mm~ 1.00mm	51	10,300.00
DL0100	1.00mm~ 1.50mm	51	10,300.00
DL0150	1.50mm~ 2.00mm	51	10,300.00
DL0200	2.00mm~ 2.50mm	51	10,300.00
DL0250	2.50mm~ 3.00mm	51	11,700.00
DL0300	3.00mm~ 3.50mm	51	12,300.00
DL0350	3.50mm~ 4.00mm	51	12,300.00
DL0400	4.00mm~ 4.50mm	51	12,300.00
DL0450	4.50mm~ 5.00mm	51	12,300.00
DL0500	5.00mm~ 5.50mm	51	12,300.00
DL0550	5.50mm~ 6.00mm	51	12,300.00
DL0600	6.00mm~ 6.50mm	51	12,300.00
DL0650	6.50mm~ 7.00mm	51	12,300.00
DL0700	7.00mm~ 7.50mm	51	12,300.00
DL0750	7.50mm~ 8.00mm	51	12,300.00
DL0800	8.00mm~ 8.50mm	51	12,300.00
DL0850	8.50mm~ 9.00mm	51	12,300.00
DL0900	9.00mm~ 9.50mm	51	12,300.00
DL0950	9.50mm~ 10.00mm	51	16,200.00
DL1000	10.00mm~ 10.50mm	51	17,500.00
DL1050	10.50mm~ 11.00mm	51	17,500.00
DL1100	11.00mm~ 11.50mm	51	17,500.00
DL1150	11.50mm~ 12.00mm	51	17,500.00
DL1200	12.00mm~ 12.50mm	51	17,500.00

訂購號碼	尺寸 mm (0.01mm 間隔)	數量	牌價 NT\$
DE0102	1.00mm~ 2.00mm	101	20,000.00
DE0203	2.00mm~ 3.00mm	101	21,000.00
DE0304	3.00mm~ 4.00mm	101	23,000.00
DE0405	4.00mm~ 5.00mm	101	23,000.00
DE0506	5.00mm~ 6.00mm	101	23,000.00
DE0607	6.00mm~ 7.00mm	101	23,000.00
DE0708	7.00mm~ 8.00mm	101	23,000.00
DE0809	8.00mm~ 9.00mm	101	23,000.00
DE0910	9.00mm~ 10.00mm	101	27,000.00
DE1011	10.00mm~ 11.00mm	101	33,000.00
DE1112	11.00mm~ 12.00mm	101	33,000.00

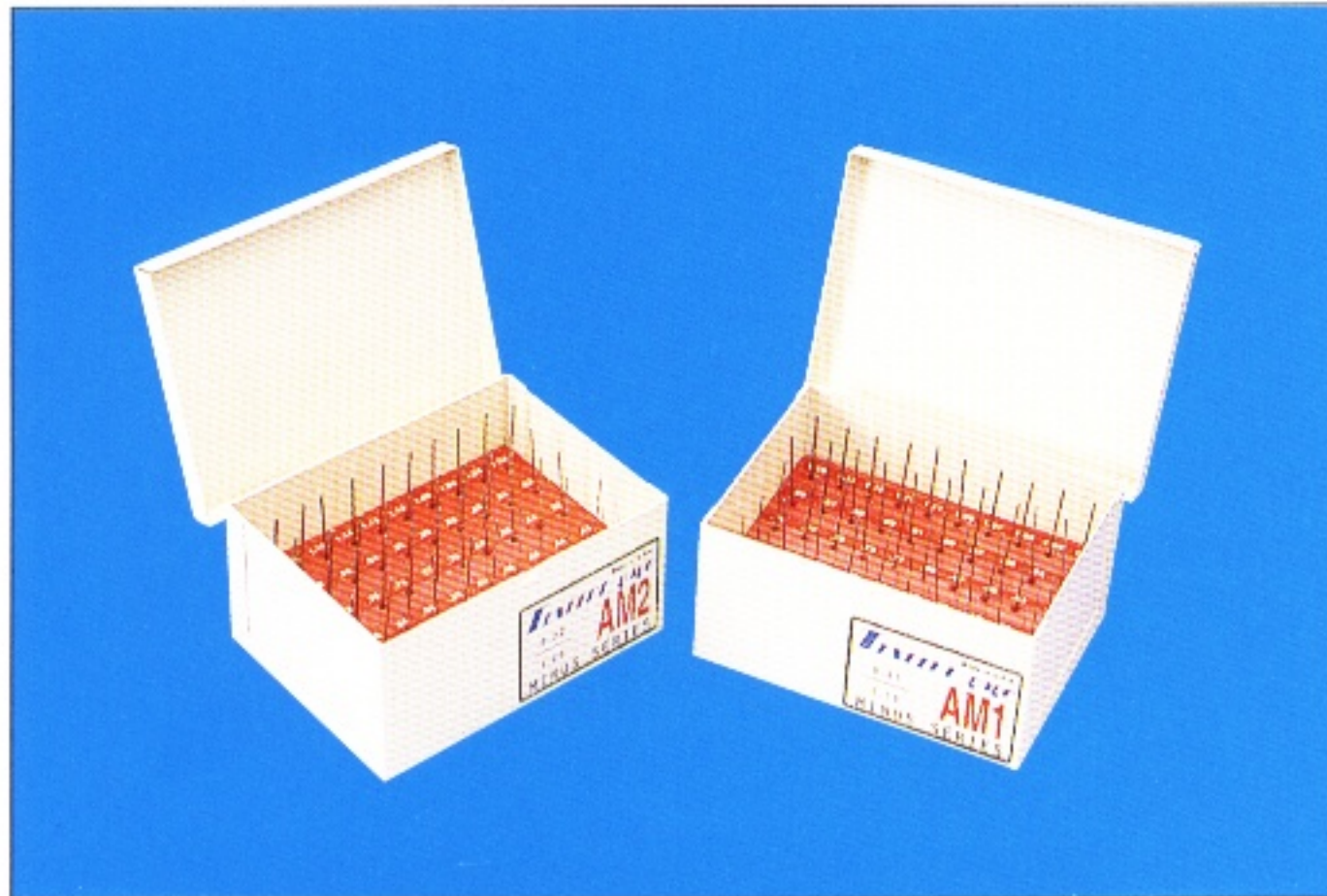
# 美國 **EXPERT** gage 塞規

Made in U.S.A.

★ 硬度：60/62 "Rockwall C"

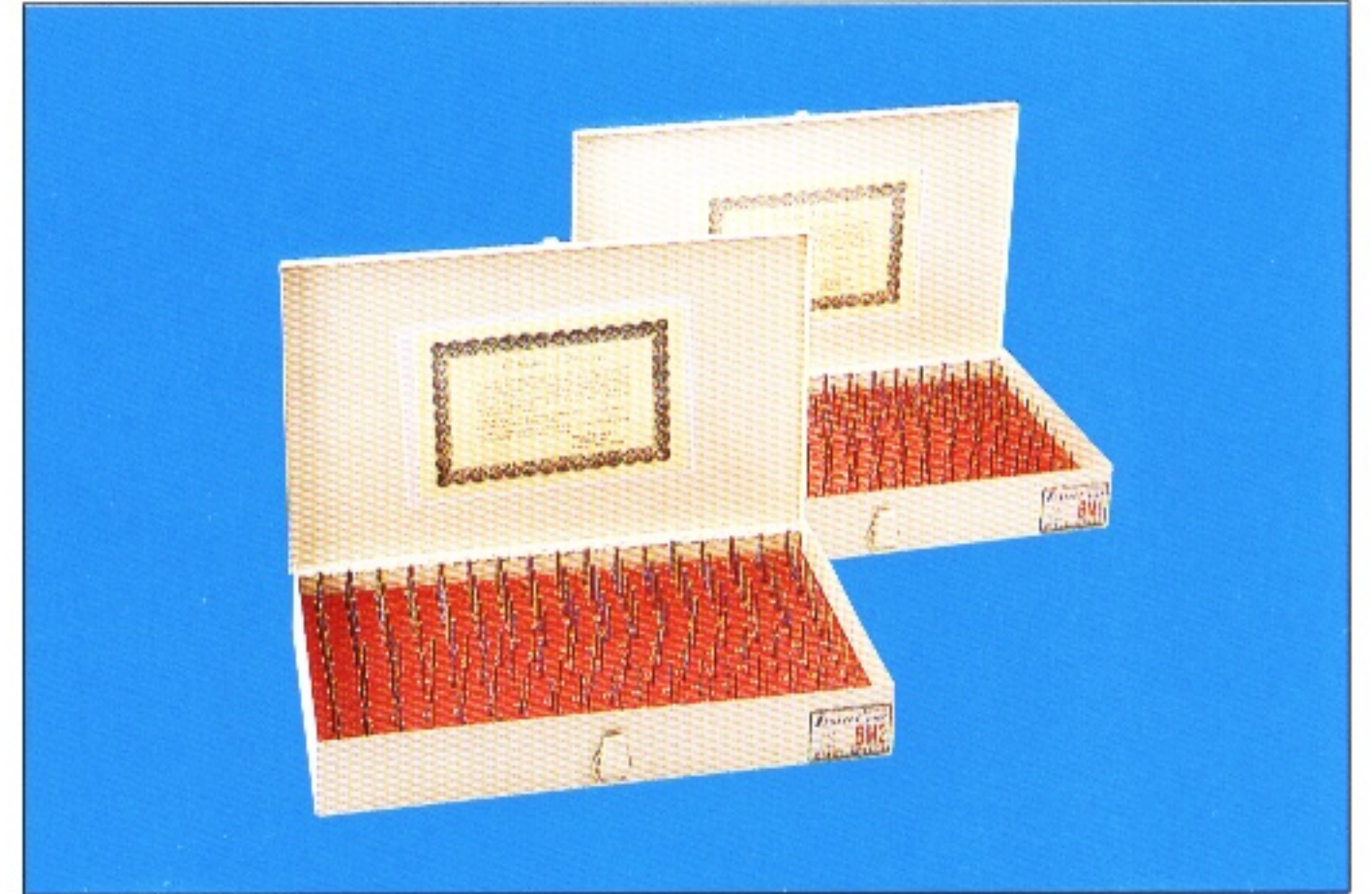
★ 尺寸精度：0.005mm

## AM SERIES



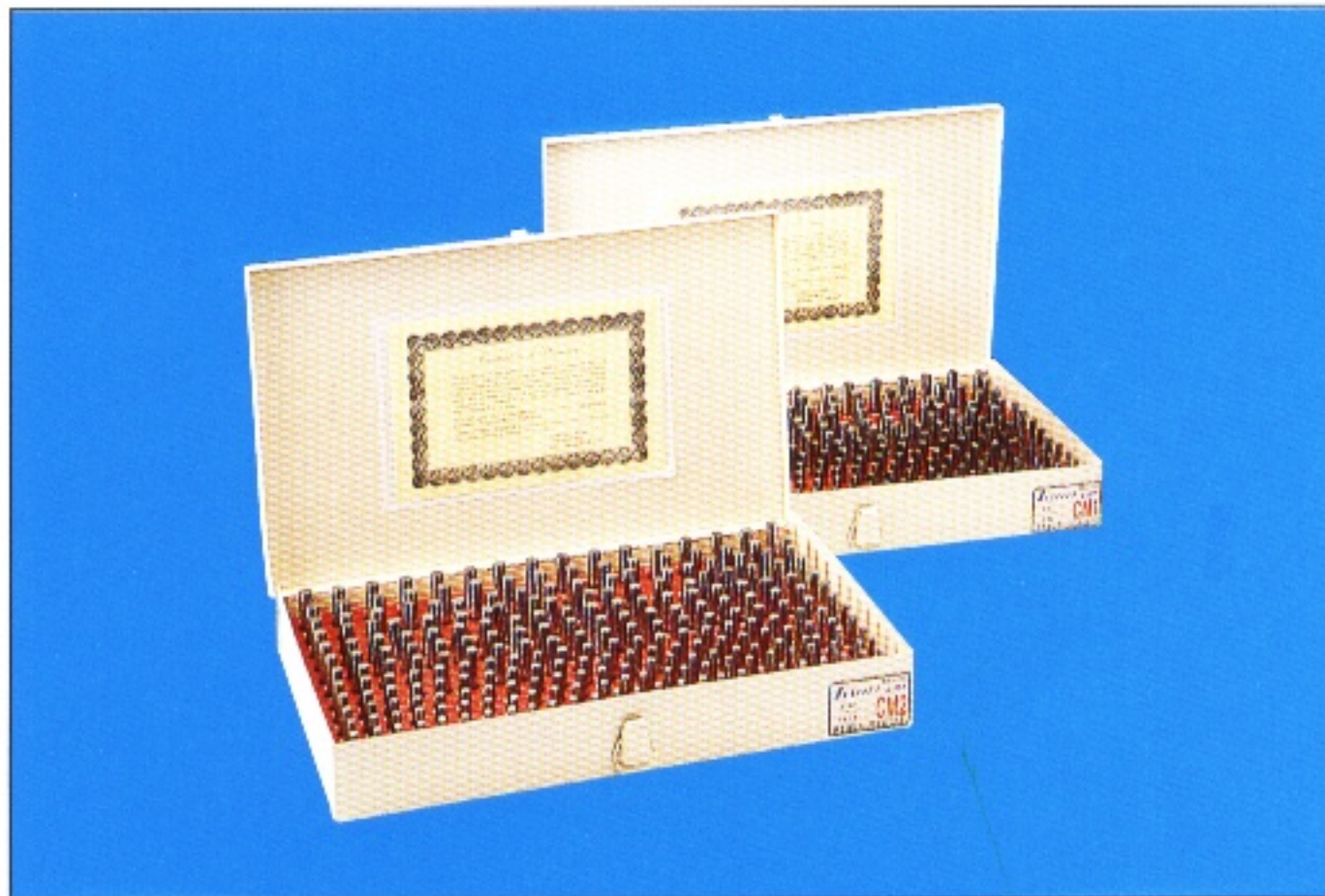
訂購號碼	尺	寸	牌價 NT\$
AM1	0.21~1.19mm		7,000.00 <i>4900</i>
AM2	0.22~1.20mm		5,000.00 <i>4900</i>
間隔	0.02mm		
數量	每盒50支		
重量	每盒0.45公斤		

## BM SERIES



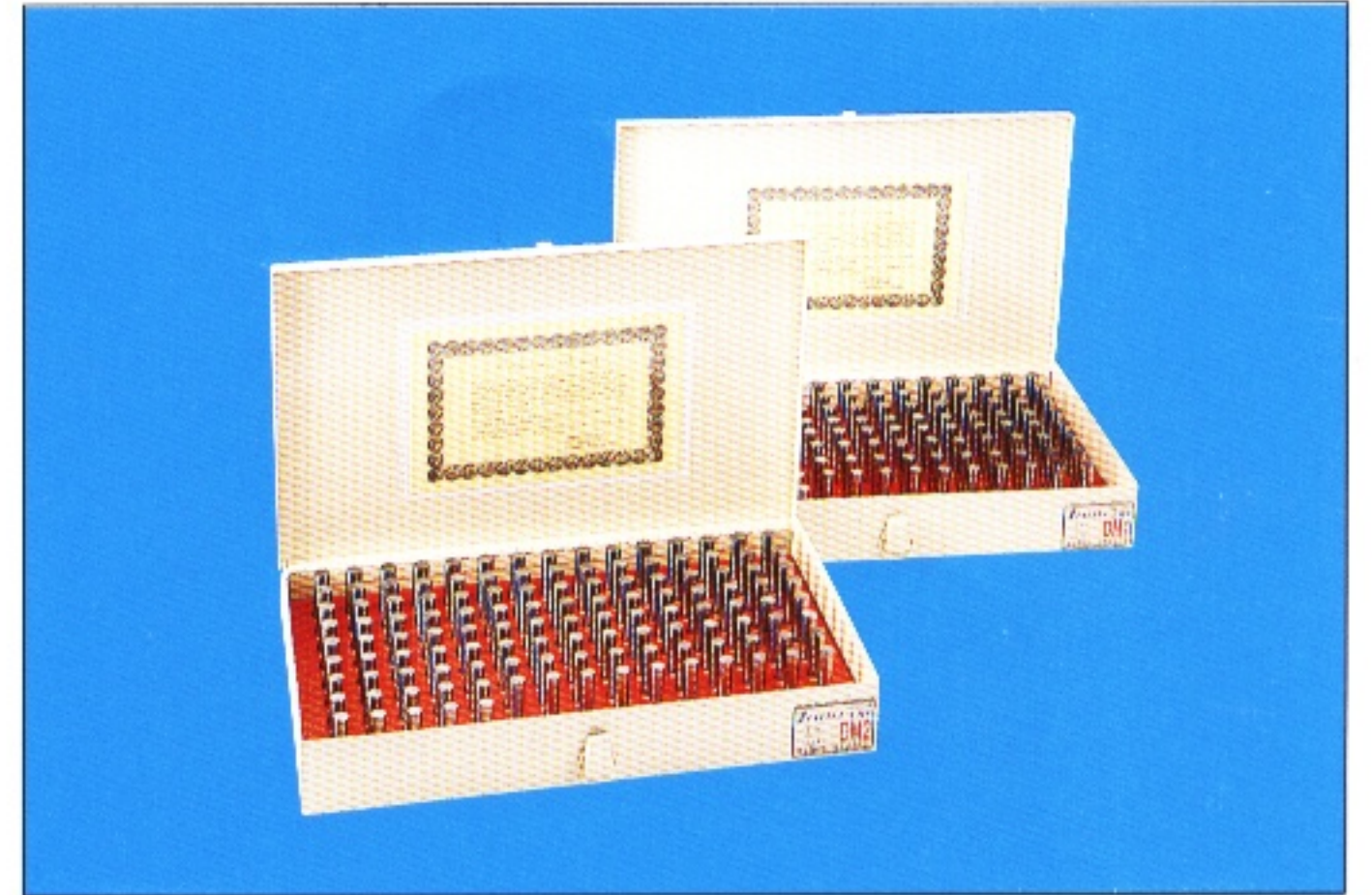
訂購號碼	尺	寸	牌價 NT\$
BM1	1.21~4.99mm		16,000.00 <i>10500</i>
BM2	1.22~5.00mm		10,500.00 <i>10500</i>
間隔	0.02mm		
數量	每盒190支		
重量	每盒3.62公斤		

## CM SERIES



訂購號碼	尺	寸	牌價 NT\$
CM1	5.01~9.99mm		22,000.00 <i>15750</i>
CM2	5.02~10.00mm		15,500.00 <i>15750</i>
間隔	0.02mm		
數量	每盒250支		
重量	每盒10.00公斤		

## DM SERIES



訂購號碼	尺	寸	牌價 NT\$
DM1	10.01~12.49mm		24,000.00 <i>28000</i>
DM2	10.02~12.50mm		17,000.00 <i>28000</i>
間隔	0.02mm		
數量	每盒125支		
重量	每盒9.00公斤		

# 美國 **TEXPERT** gage 塞規

Made in U.S.A.

★ 硬度：60/62 "Rockwall C"

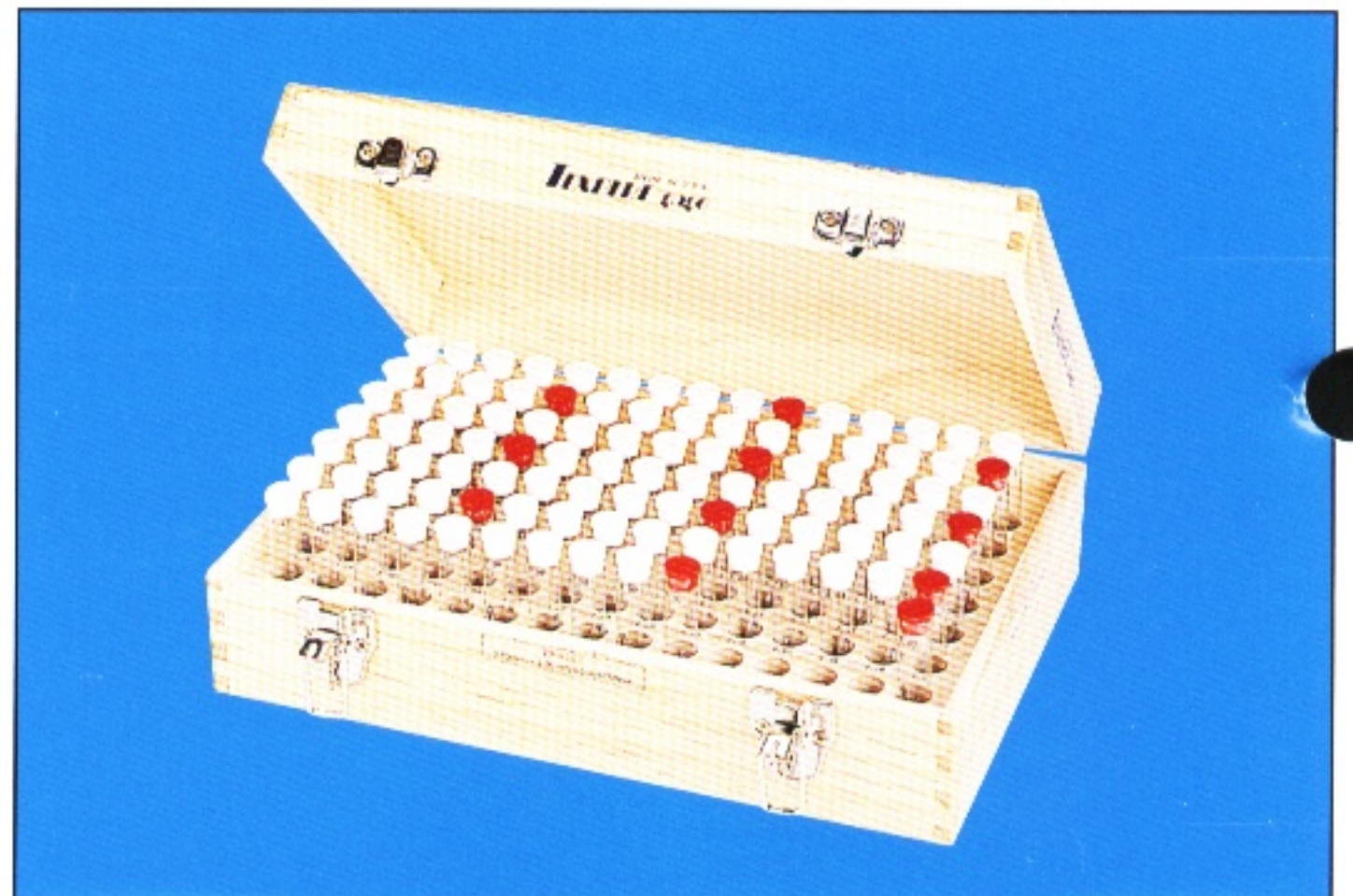
★ 尺寸精度：0.005mm

## TM 系列產品



訂購號碼	尺寸 mm (0.01mm 間隔)	數量	牌價 NT\$
TM1000	10.00mm ~ 10.50mm	51	12,000.00
TM1050	10.50mm ~ 11.00mm	51	12,000.00
TM1100	11.00mm ~ 11.50mm	51	12,000.00
TM1150	11.50mm ~ 12.00mm	51	12,000.00
TM1200	12.00mm ~ 12.50mm	51	12,000.00

## TE 系列產品



訂購號碼	尺寸 mm (0.01mm 間隔)	數量	牌價 NT\$
TM0021	0.21mm ~ 0.50mm	51	6,700.00
TM0050	0.50mm ~ 1.00mm	51	7,500.00
TM0100	1.00mm ~ 1.50mm	51	7,000.00
TM0150	1.50mm ~ 2.00mm	51	6,000.00
TM0200	2.00mm ~ 2.50mm	51	6,000.00
TM0250	2.50mm ~ 3.00mm	51	6,000.00
TM0300	3.00mm ~ 3.50mm	51	6,000.00
TM0350	3.50mm ~ 4.00mm	51	6,000.00
TM0400	4.00mm ~ 4.50mm	51	6,000.00
TM0450	4.50mm ~ 5.00mm	51	6,000.00
TM0500	5.00mm ~ 5.50mm	51	6,600.00
TM0550	5.50mm ~ 6.00mm	51	6,600.00
TM0600	6.00mm ~ 6.50mm	51	6,600.00
TM0650	6.50mm ~ 7.00mm	51	6,600.00
TM0700	7.00mm ~ 7.50mm	51	7,300.00
TM0750	7.50mm ~ 8.00mm	51	7,300.00
TM0800	8.00mm ~ 8.50mm	51	8,000.00
TM0850	8.50mm ~ 9.00mm	51	8,000.00
TM0900	9.00mm ~ 9.50mm	51	8,000.00
TM0950	9.50mm ~ 10.00mm	51	8,000.00

訂購號碼	尺寸 mm (0.01mm 間隔)	數量	牌價 NT\$
TE0102	1.00mm ~ 2.00mm	101	12,000.00
TE0203	2.00mm ~ 3.00mm	101	11,000.00
TE0304	3.00mm ~ 4.00mm	101	11,000.00
TE0405	4.00mm ~ 5.00mm	101	11,000.00
TE0506	5.00mm ~ 6.00mm	101	12,000.00
TE0607	6.00mm ~ 7.00mm	101	12,000.00
TE0708	7.00mm ~ 8.00mm	101	13,000.00
TE0809	8.00mm ~ 9.00mm	101	14,000.00
TE0910	9.00mm ~ 10.00mm	101	14,000.00
TE1011	10.00mm ~ 11.00mm	101	22,000.00
TE1112	11.00mm ~ 12.00mm	101	22,000.00



# Kaizer 凱瑞牌精密塊規

## 塊規 (GAUGE BLOCKS)

塊規是長度計量的基準，適合於長度尺寸的傳遞，塊規的各項精度指標符合國際 (ISO) 標準。



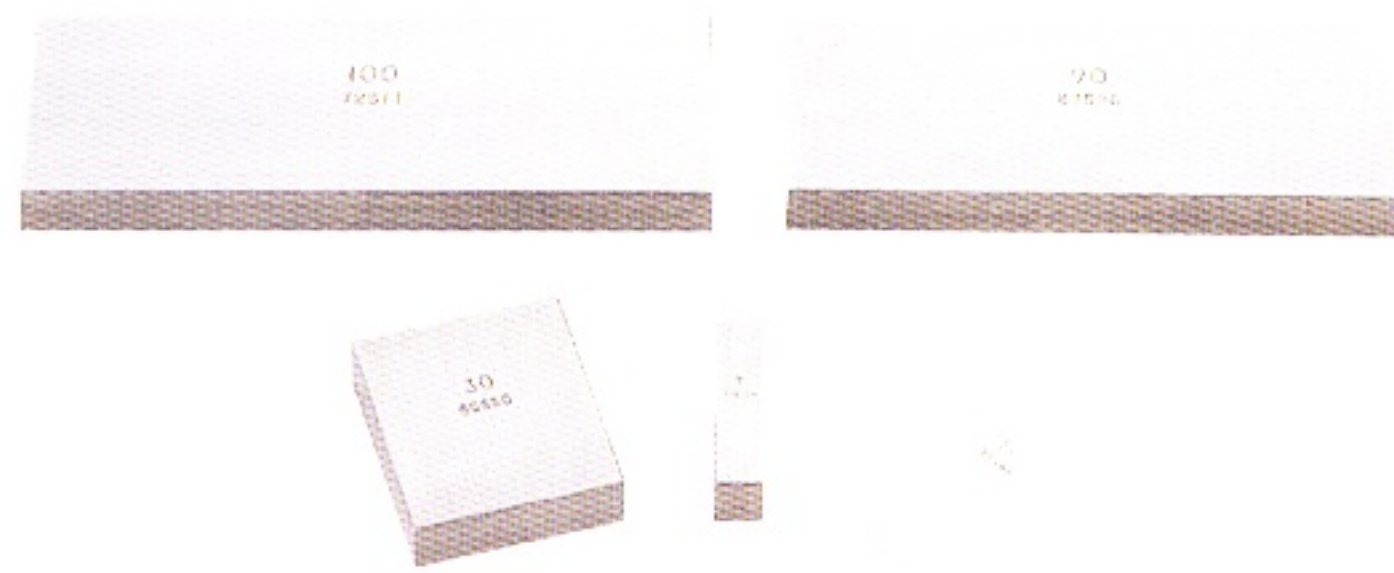
- 選用優質合金鋼製造，不易生鏽。
- 經特殊熱處理和連續負溫處理。
- 材料的熱膨脹系數在  $(11.5 \pm 1) \times 10^{-6} / ^\circ\text{C}$  和檢測的標準溫度在  $20^\circ\text{C}$ ，提高了測量的精確度。
- 量測面硬度不低於 HRC 65°。
- 製造精度符合 ISO 3650。
- 裝在木盒內供貨。
- 精度等級分：0、1、2。
- 長度極限偏差和變動量符合下表。
- 矩型尺寸： $>0.5 \sim 10\text{mm}$  30x9mm  
 $>10 \sim 500\text{mm}$  35x9mm

訂購號碼	總塊數	公稱尺寸系列 (mm)	間隔 (mm)	塊數	級數	牌價 NTS
KR86112	112	1.0005		1	0	<u>39,300.00</u>
		1.001~1.009	0.001	9	1	
		1.01~1.49	0.01	49	2	
		0.5~24.5	0.5	49	4	
		25~100	25	4		
KR86103	103	1.005		1	0	35,300.00
		1.01~1.49	0.01	49	1	25,500.00
		0.5~24.5	0.5	49	2	15,600.00
		25~100	25	4		
KR86087	87	1.001~1.009	0.001	9	0	29,100.00
		1.01~1.49	0.01	49	1	21,000.00
		0.5~9.5	0.5	19	2	12,800.00
		10~100	10	10		
KR86083	83	1.005		1	0	26,300.00
		1.01~1.49	0.01	49	1	19,500.00
		1.6~1.9	0.1	4	2	10,500.00
		0.5~9.5	0.5	19		
		10~100	10	10		
KR86047	47	1.005		1	0	19,200.00
		1.01~1.09	0.01	9	1	14,300.00
		1.1~1.9	0.1	9	2	9,800.00
		1~24	1	24		
		25~100	25	4		
KR86038	38	1.005		1	0	15,800.00
		1.01~1.09	0.01	9	1	11,300.00
		1.1~1.9	0.1	9	2	6,800.00
		1~9	1	9		
		10~100	10	10		
KR86032	32	1.005		1	0	13,500.00
		1.01~1.09	0.01	9	1	9,800.00
		1.1~1.9	0.1	9	2	6,000.00
		1~9	1	9		
		10, 20, 30, 50		4		

標準長度範圍		0 級		1 級		2 級	
大於	達到和包括	長度極限偏差	長度變動量允許值	長度極限偏差	長度變動量允許值	長度極限偏差	長度變動量允許值
mm	mm	(μm)					
—	10	±0.12	0.10	±0.20	0.16	±0.45	0.30
10	25	±0.14	0.10	±0.30	0.16	±0.60	0.30
25	50	±0.20	0.10	±0.40	0.18	±0.80	0.30
50	75	±0.25	0.12	±0.50	0.18	±1.00	0.35
75	100	±0.30	0.12	±0.60	0.20	±1.20	0.35
100	150	±0.40	0.14	±0.80	0.20	±1.60	0.40
150	200	±0.50	0.16	±1.00	0.25	±2.00	0.40
200	250	±0.60	0.16	±1.20	0.25	±2.40	0.45
250	300	±0.70	0.18	±1.40	0.25	±2.80	0.50
300	400	±0.90	0.20	±1.80	0.30	±3.60	0.50
400	500	±1.10	0.25	±2.20	0.35	±4.40	0.60



# Kaizer 凱瑞 O 級單片塊規

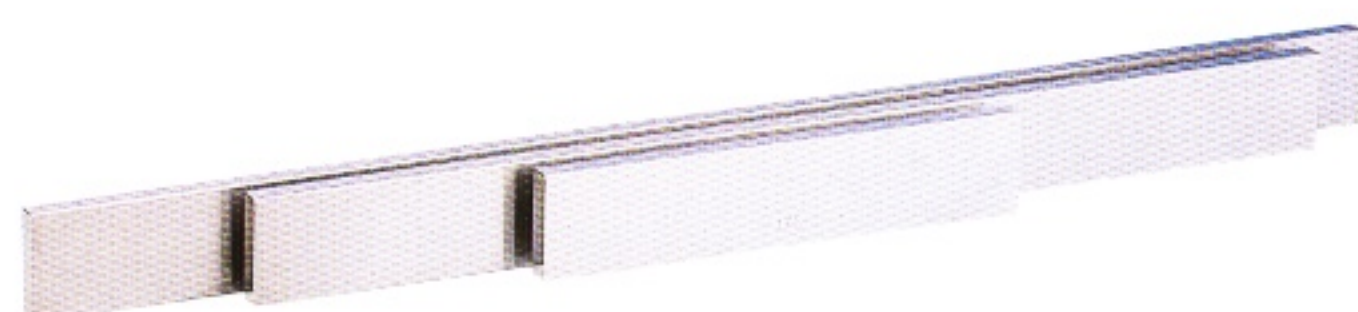


訂購號碼 No.	規 格 mm	牌 價 NT\$	訂購號碼 No.	規 格 mm	牌 價 NT\$	訂購號碼 No.	規 格 mm	牌 價 NT\$
KR0005000	0.5	1,600.00	KR0013000	1.30	1,100.00	KR0100000	10.0	1,450.00
KR0010000	1.0	1,200.00	KR0013100	1.31	1,100.00	KR0105000	10.5	1,450.00
KR0010005	1.0005	1,100.00	KR0013200	1.32	1,100.00	KR0110000	11.0	1,450.00
KR0010010	1.001	1,100.00	KR0013300	1.33	1,100.00	KR0115000	11.5	1,450.00
KR0010020	1.002	1,100.00	KR0013400	1.34	1,100.00	KR0120000	12.0	1,450.00
KR0010030	1.003	1,100.00	KR0013500	1.35	1,100.00	KR0125000	12.5	1,450.00
KR0010040	1.004	1,100.00	KR0013600	1.36	1,100.00	KR0130000	13.0	1,450.00
KR0010050	1.005	1,100.00	KR0013700	1.37	1,100.00	KR0135000	13.5	1,450.00
KR0010060	1.006	1,100.00	KR0013800	1.38	1,100.00	KR0140000	14.0	1,450.00
KR0010070	1.007	1,100.00	KR0013900	1.39	1,100.00	KR0145000	14.5	1,450.00
KR0010080	1.008	1,100.00	KR0014000	1.40	1,100.00	KR0150000	15.0	1,450.00
KR0010090	1.009	1,100.00	KR0014100	1.41	1,100.00	KR0155000	15.5	1,450.00
KR0010100	1.01	1,100.00	KR0014200	1.42	1,100.00	KR0160000	16.0	1,450.00
KR0010200	1.02	1,100.00	KR0014300	1.43	1,100.00	KR0165000	16.5	1,450.00
KR0010300	1.03	1,100.00	KR0014400	1.44	1,100.00	KR0170000	17.0	1,450.00
KR0010400	1.04	1,100.00	KR0014500	1.45	1,100.00	KR0175000	17.5	1,450.00
KR0010500	1.05	1,100.00	KR0014600	1.46	1,100.00	KR0180000	18.0	1,450.00
KR0010600	1.06	1,100.00	KR0014700	1.47	1,100.00	KR0185000	18.5	1,450.00
KR0010700	1.07	1,100.00	KR0014800	1.48	1,100.00	KR0190000	19.0	1,450.00
KR0010800	1.08	1,100.00	KR0014900	1.49	1,100.00	KR0195000	19.5	1,450.00
KR0010900	1.09	1,100.00	KR0015000	1.50	1,100.00	KR0200000	20.0	1,650.00
KR0011000	1.10	1,100.00	KR0016000	1.60	1,100.00	KR0205000	20.5	1,650.00
KR0011100	1.11	1,100.00	KR0017000	1.70	1,100.00	KR0210000	21.0	1,650.00
KR0011200	1.12	1,100.00	KR0018000	1.80	1,100.00	KR0215000	21.5	1,650.00
KR0011300	1.13	1,100.00	KR0019000	1.90	1,100.00	KR0220000	22.0	1,650.00
KR0011400	1.14	1,100.00	KR0020000	2.00	1,100.00	KR0225000	22.5	1,650.00
KR0011500	1.15	1,100.00	KR0025000	2.50	1,100.00	KR0230000	23.0	1,650.00
KR0011600	1.16	1,100.00	KR0030000	3.00	1,100.00	KR0235000	23.5	1,650.00
KR0011700	1.17	1,100.00	KR0035000	3.50	1,100.00	KR0240000	24.0	1,650.00
KR0011800	1.18	1,100.00	KR0040000	4.00	1,250.00	KR0245000	24.5	1,650.00
KR0011900	1.19	1,100.00	KR0045000	4.50	1,250.00	KR0250000	25.0	1,650.00
KR0012000	1.20	1,100.00	KR0050000	5.00	1,250.00	KR0300000	30	1,900.00
KR0012100	1.21	1,100.00	KR0055000	5.50	1,250.00	KR0400000	40	2,100.00
KR0012200	1.22	1,100.00	KR0060000	6.00	1,250.00	KR0500000	50	2,300.00
KR0012300	1.23	1,100.00	KR0065000	6.50	1,250.00	KR0600000	60	2,600.00
KR0012400	1.24	1,100.00	KR0070000	7.00	1,300.00	KR0700000	70	2,600.00
KR0012500	1.25	1,100.00	KR0075000	7.50	1,300.00	KR0750000	75	2,600.00
KR0012600	1.26	1,100.00	KR0080000	8.00	1,300.00	KR0800000	80	2,800.00
KR0012700	1.27	1,100.00	KR0085000	8.50	1,300.00	KR0900000	90	3,000.00
KR0012800	1.28	1,100.00	KR0090000	9.00	1,300.00	KR1000000	100	3,400.00
KR0012900	1.29	1,100.00	KR0095000	9.50	1,300.00			



# Kaizer 凱瑞精密長塊規

## 長塊規 (Long Gauge Block)



- 測量面硬度高，耐磨性強，研合性好，尺寸穩定，是理想的端度標準。
- 技術指標符合國際標準 ISO 3650。

## 套裝長塊規

訂購號碼	總塊數	公稱尺寸系列 (mm)	間隔 (mm)	塊數	級數	牌價 NT\$
KRL860208	8	25 ~ 200	25	8塊	0級	<b>34,200.00</b>
KRL861208					1級	<b>21,600.00</b>
KRL862208					2級	<b>17,100.00</b>
KRL860312	12	25 ~ 300	25	12塊	0級	<b>67,000.00</b>
KRL861312					1級	<b>42,500.00</b>
KRL862312					2級	<b>34,000.00</b>
KRL860508	8	125 ~ 200	25	4塊	0級	<b>64,000.00</b>
KRL861508		250 ~ 300	50	2塊	1級	<b>40,500.00</b>
KRL862508		400 ~ 500	100	2塊	2級	<b>32,300.00</b>

## 單片長塊規

規 格	0 級		1 級		2 級	
	訂購號碼	牌價 NT\$	訂購號碼	牌價 NT\$	訂購號碼	牌價 NT\$
125 mm	KRL0125	<b>6,000.00</b>	KRL1125	<b>3,600.00</b>	KRL2125	<b>2,900.00</b>
150 mm	KRL0150	<b>9,000.00</b>	KRL1150	<b>5,400.00</b>	KRL2150	<b>4,300.00</b>
175 mm	KRL0175	<b>10,000.00</b>	KRL1175	<b>6,000.00</b>	KRL2175	<b>4,800.00</b>
200 mm	KRL0200	<b>11,000.00</b>	KRL1200	<b>6,600.00</b>	KRL2200	<b>5,200.00</b>
225 mm	KRL0225	<b>12,000.00</b>	KRL1225	<b>7,200.00</b>	KRL2225	<b>5,700.00</b>
250 mm	KRL0250	<b>13,000.00</b>	KRL1250	<b>7,800.00</b>	KRL2250	<b>6,200.00</b>
275 mm	KRL0275	<b>14,000.00</b>	KRL1275	<b>8,400.00</b>	KRL2275	<b>6,700.00</b>
300 mm	KRL0300	<b>15,000.00</b>	KRL1300	<b>9,000.00</b>	KRL2300	<b>7,200.00</b>
400 mm	KRL0400	<b>20,000.00</b>	KRL1400	<b>12,000.00</b>	KRL2400	<b>9,600.00</b>
500 mm	KRL0500	<b>25,000.00</b>	KRL1500	<b>15,000.00</b>	KRL2500	<b>12,000.00</b>