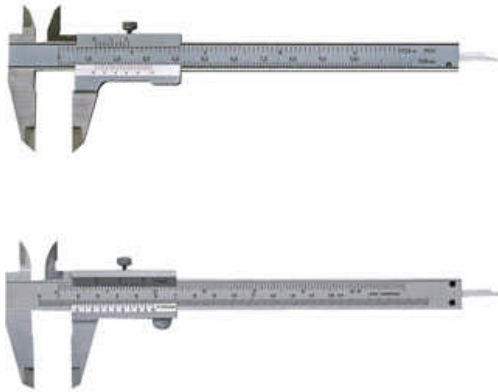


# Contents

	VERNIER CALIPER .....	2-16
	DIGITAL CALIPER .....	17-20
	SPECIAL CALIPER .....	21-28
	OUTSIDE MICROMETER .....	29-34
	SPECIAL MICROMETER .....	35-50
	TOOLS SET .....	51-54
	DIAL INDICATOR .....	55-63
	PROTRACTOR .....	64-70
	SQUARE .....	71-75
	GAUGE BLOCK .....	76-83
	FOLDING RULE .....	84-89
	MEASURING GAUGE .....	90-93
	MAGNETIC STAND .....	94-98
	UTILITY CUTTER .....	99-102

## VERNIER CALIPER, LOCKING SCREW, MONO-BLOCK



201-01-0151 Stainless steel  
201-01-0151C Carbon steel

ART. NO.	ART. NO.	RANGE	READING
201-01-0075	---	75MM	0.05MM
201-01-0101	---	100MM	0.05MM
201-01-0102	---	100MM/4"	0.05MM/1/128"
201-01-0151	201-01-0151C	150MM	0.02MM
201-01-0152	201-01-0152C	150MM	0.05MM
201-01-0153	201-01-0153C	150MM/6"	0.02MM/1/1000"
201-01-0154	201-01-0154C	150MM/6"	0.05MM/1/128"
201-01-0201	201-01-0201C	200MM	0.02MM
201-01-0202	201-01-0202C	200MM	0.05MM
201-01-0203	201-01-0203C	200MM/8"	0.02MM/1/1000"
201-01-0204	201-01-0204C	200MM/8"	0.05MM/1/128"
201-01-0251	201-01-0251C	250MM	0.02MM
201-01-0252	201-01-0252C	250MM	0.05MM
201-01-0253	201-01-0253C	250MM/10"	0.02MM/1/1000"
201-01-0254	201-01-0254C	250MM/10"	0.05MM/1/128"
201-01-0301	201-01-0301C	300MM	0.02MM
201-01-0302	201-01-0302C	300MM	0.05MM
201-01-0303	201-01-0303C	300MM/12"	0.02MM/1/1000"
201-01-0304	201-01-0304C	300MM/12"	0.05MM/1/128"

## VERNIER CALIPER, THUMB-LOCK, MONO-BLOCK



201-02-0151 Stainless steel  
201-02-0151C Carbon steel

ART. NO.	ART. NO.	RANGE	READING
201-02-0151	201-02-0151C	150MM	0.02MM
201-02-0152	201-02-0152C	150MM	0.05MM
201-02-0153	201-02-0153C	150MM/6"	0.02MM/1/1000"
201-02-0154	201-02-0154C	150MM/6"	0.05MM/1/128"
201-02-0201	201-02-0201C	200MM	0.02MM
201-02-0202	201-02-0202C	200MM	0.05MM
201-02-0203	201-02-0203C	200MM/8"	0.02MM/1/1000"
201-02-0204	201-02-0204C	200MM/8"	0.05MM/1/128"
201-02-0301	201-02-0301C	300MM	0.02MM
201-02-0302	201-02-0302C	300MM	0.05MM
201-02-0303	201-02-0303C	300MM/12"	0.02MM/1/1000"
201-02-0304	201-02-0304C	300MM/12"	0.05MM/1/128"





### VERNIER CALIPER, THUMB-LOCK, MONO-BLOCK, STAINLESS STEEL



ART. NO.	RANGE	READING
201-03-0151	150MM	0.02MM
201-03-0152	150MM	0.05MM
201-03-0153	150MM/6"	0.02MM/1/1000"
201-03-0154	150MM/6"	0.05MM/1/128"

### VERNIER CALIPER, THUMB-LOCK, MONO-BLOCK, STAINLESS STEEL



ART. NO.	RANGE	READING
201-04-0151	150MM	0.02MM
201-04-0152	150MM	0.05MM
201-04-0153	150MM/6"	0.02MM/1/1000"
201-04-0154	150MM/6"	0.05MM/1/128"

### VERNIER CALIPER, FINE-ADJUSTMENT, MONO-BLOCK



ART.NO.	ART.NO.	RANGE	READING
201-05-0151	201-05-0151C	150MM	0.02MM
201-05-0152	201-05-0152C	150MM/6"	0.02MM/1/1000"
201-05-0201	201-05-0201C	200MM	0.02MM
201-05-0202	201-05-0202C	200MM/8"	0.02MM/1/1000"
201-05-0301	201-05-0301C	300MM	0.02MM
201-05-0302	201-05-0302C	300MM/12"	0.02MM/1/1000"

201-05-0151 Stainless steel  
201-05-0151C Carbon steel

### VERNIER CALIPER, ROLLER-WHEEL, MONO-BLOCK



ART. NO.	ART. NO.	RANGE	READING
201-06-0151	201-06-0151C	150MM	0.02MM
201-06-0152	201-06-0152C	150MM	0.05MM
201-06-0153	201-06-0153C	150MM/6"	0.02MM/1/1000"
201-06-0154	201-06-0154C	150MM/6"	0.05MM/1/128"
201-06-0201	201-06-0201C	200MM	0.02MM
201-06-0202	201-06-0202C	200MM	0.05MM
201-06-0203	201-06-0203C	200MM/8"	0.02MM/1/1000"
201-06-0204	201-06-0204C	200MM/8"	0.05MM/1/128"
201-06-0301	201-06-0301C	300MM	0.02MM
201-06-0302	201-06-0302C	300MM	0.05MM
201-06-0303	201-06-0303C	300MM/12"	0.02MM/1/1000"
201-06-0304	201-06-0304C	300MM/12"	0.05MM/1/128"

201-06-0151 Stainless steel  
201-06-0151C Carbon steel

## VERNIER CALIPER, LOCKING SCREW



201-07-0151 Stainless steel  
201-07-0151C Carbon steel

ART. NO.	ART. NO.	RANGE	READING
201-07-0151	201-07-0151C	150MM	0.02MM
201-07-0152	201-07-0152C	150MM	0.05MM
201-07-0153	201-07-0153C	150MM/6"	0.02MM/1/1000"
201-07-0154	201-07-0154C	150MM/6"	0.05MM/1/128"
201-07-0201	201-07-0201C	200MM	0.02MM
201-07-0202	201-07-0202C	200MM	0.05MM
201-07-0203	201-07-0203C	200MM/8"	0.02MM/1/1000"
201-07-0204	201-07-0204C	200MM/8"	0.05MM/1/128"
201-07-0301	201-07-0301C	300MM	0.02MM
201-07-0302	201-07-0302C	300MM	0.05MM
201-07-0303	201-07-0303C	300MM/12"	0.02MM/1/1000"
201-07-0304	201-07-0304C	300MM/12"	0.05MM/1/128"

## VERNIER CALIPER, THUMB-LOCK



201-08-0151 Stainless steel  
201-08-0151C Carbon steel

ART. NO.	ART. NO.	RANGE	READING
201-08-0151	201-08-0151C	150MM	0.02MM
201-08-0152	201-08-0152C	150MM	0.05MM
201-08-0153	201-08-0153C	150MM/6"	0.02MM/1/1000"
201-08-0154	201-08-0154C	150MM/6"	0.05MM/1/128"
201-08-0201	201-08-0201C	200MM	0.02MM
201-08-0202	201-08-0202C	200MM	0.05MM
201-08-0203	201-08-0203C	200MM/8"	0.02MM/1/1000"
201-08-0204	201-08-0204C	200MM/8"	0.05MM/1/128"

## VERNIER CALIPER, ROLLER-WHEEL



201-09-0151 Stainless steel  
201-09-0151C Carbon steel

ART. NO.	ART. NO.	RANGE	READING
201-09-0151	201-09-0151C	150MM	0.02MM
201-09-0152	201-09-0152C	150MM	0.05MM
201-09-0153	201-09-0153C	150MM/6"	0.02MM/1/1000"
201-09-0154	201-09-0154C	150MM/6"	0.05MM/1/128"
201-09-0201	201-09-0201C	200MM	0.02MM
201-09-0202	201-09-0202C	200MM	0.05MM
201-09-0203	201-09-0203C	200MM/8"	0.02MM/1/1000"
201-09-0204	201-09-0204C	200MM/8"	0.05MM/1/128"
201-09-0301	201-09-0301C	300MM	0.02MM
201-09-0302	201-09-0302C	300MM	0.05MM
201-09-0303	201-09-0303C	300MM/12"	0.02MM/1/1000"
201-09-0304	201-09-0304C	300MM/12"	0.05MM/1/128"





## VERNIER CALIPER, FINE-ADJUSTMENT



201-10-0151 Stainless steel  
201-10-0151C Carbon steel

ART.NO.	ART.NO.	RANGE	READING
201-10-0151	201-10-0151C	150MM	0.02MM
201-10-0152	201-10-0152C	150MM/6"	0.02MM/1/1000"
201-10-0201	201-10-0201C	200MM	0.02MM
201-10-0202	201-10-0202C	200MM/8"	0.02MM/1/1000"
201-10-0301	201-10-0301C	300MM	0.02MM
201-10-0302	201-10-0302C	300MM/12"	0.02MM/1/1000"

## VERNIER CALIPER, PARALLAX-FREE, STAINLESS STEEL



201-11-0151 Locking-screw  
201-11-1151 Thumb-lock

ART.NO.	ART.NO.	RANGE	READING
201-11-0151	201-11-1151	150MM	0.02MM
201-11-0152	201-11-1152	150MM	0.05MM
201-11-0153	201-11-1153	150MM/6"	0.02MM/1/1000"
201-11-0154	201-11-1154	150MM/6"	0.05MM/1/128"

## LEFT HAND VERNIER CALIPER, MONO-BLOCK, STAINLESS STEEL



201-12-0151 Locking-screw  
201-12-1151 Thumb-lock

ART.NO.	ART.NO.	RANGE	READING
201-12-0151	201-12-1151	150MM	0.02MM
201-12-0152	201-12-1152	150MM	0.05MM
201-12-0153	201-12-1153	150MM/6"	0.02MM/1/1000"
201-12-0154	201-12-1154	150MM/6"	0.05MM/1/128"

## SIMPLE VERNIER CALIPER, CIRCULAR INSIDE JAW, UPPER-LOCK



201-13-0151 Stainless steel  
201-13-0151C Carbon steel

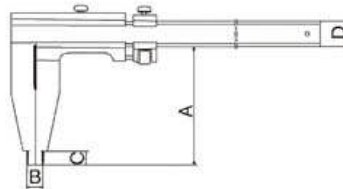
ART.NO.	ART.NO.	RANGE	READING
201-13-0201	201-13-0201C	200MM	0.02MM
201-13-0202	201-13-0202C	200MM	0.05MM
201-13-0203	201-13-0203C	200MM/8"	0.02MM/1/1000"
201-13-0204	201-13-0204C	200MM/8"	0.05MM/1/128"
201-13-0251	201-13-0251C	250MM	0.02MM
201-13-0252	201-13-0252C	250MM	0.05MM
201-13-0253	201-13-0253C	250MM/10"	0.02MM/1/1000"
201-13-0254	201-13-0254C	250MM/10"	0.05MM/1/128"
201-13-0301	201-13-0301C	300MM	0.02MM
201-13-0302	201-13-0302C	300MM	0.05MM
201-13-0303	201-13-0303C	300MM/12"	0.02MM/1/1000"
201-13-0304	201-13-0304C	300MM/12"	0.05MM/1/128"



## HEAVY DUTY VERNIER CALIPER, TYPE IV, MONO-BLOCK, FINE-ADJUSTMENT



201-16-0451 Stainless steel  
201-16-0451C Carbon steel



ART.NO.	ART.NO.	RANGE	READING	A (MM)	B (MM)	C (MM)	D (MM)
201-16-0451	201-16-0451C	450MM	0.02MM	90/125/150	10	12	25
201-16-0452	201-16-0452C	450MM	0.05MM	90/125/150	10	12	25
201-16-0453	201-16-0453C	450MM/18"	0.02MM/1/1000"	90/125/150	10	12	25
201-16-0454	201-16-0454C	450MM/18"	0.05MM/1/128"	90/125/150	10	12	25
201-16-0501	201-16-0501C	500MM	0.02MM	90/125/150	10	12	25
201-16-0502	201-16-0502C	500MM	0.05MM	90/125/150	10	12	25
201-16-0503	201-16-0503C	500MM/20"	0.02MM/1/1000"	90/125/150	10	12	25
201-16-0504	201-16-0504C	500MM/20"	0.05MM/1/128"	90/125/150	10	12	25
201-16-0601	201-16-0601C	600MM	0.02MM	90/125/150	10	12	25
201-16-0602	201-16-0602C	600MM	0.05MM	90/125/150	10	12	25
201-16-0603	201-16-0603C	600MM/24"	0.02MM/1/1000"	90/125/150	10	12	25
201-16-0604	201-16-0604C	600MM/24"	0.05MM/1/128"	90/125/150	10	12	25
201-16-0801	201-16-0801C	800MM	0.02MM	125/150/200	20	20	32
201-16-0802	201-16-0802C	800MM	0.05MM	125/150/200	20	20	32
201-16-0803	201-16-0803C	800MM/32"	0.02MM/1/1000"	125/150/200	20	20	32
201-16-0804	201-16-0804C	800MM/32"	0.05MM/1/128"	125/150/200	20	20	32
201-16-1001	201-16-1001C	1000MM	0.02MM	125/150/200	20	20	32
201-16-1002	201-16-1002C	1000MM	0.05MM	125/150/200	20	20	32
201-16-1003	201-16-1003C	1000MM/40"	0.02MM/1/1000"	125/150/200	20	20	32
201-16-1004	201-16-1004C	1000MM/40"	0.05MM/1/128"	125/150/200	20	20	32
201-16-1501	201-16-1501C	1500MM	0.02MM	200/250/300	20	20	50
201-16-1502	201-16-1502C	1500MM	0.05MM	200/250/300	20	20	50
201-16-1503	201-16-1503C	1500MM/60"	0.02MM/1/1000"	200/250/300	20	20	50
201-16-1504	201-16-1504C	1500MM/60"	0.05MM/1/128"	200/250/300	20	20	50
201-16-2001	201-16-2001C	2000MM	0.02MM	200/250/300	20	20	50
201-16-2002	201-16-2002C	2000MM	0.05MM	200/250/300	20	20	50
201-16-2003	201-16-2003C	2000MM/80"	0.02MM/1/1000"	200/250/300	20	20	50
201-16-2004	201-16-2004C	2000MM/80"	0.05MM/1/128"	200/250/300	20	20	50
201-16-2501	201-16-2501C	2500MM	0.02MM	250/300/350	20	20	50
201-16-2502	201-16-2502C	2500MM	0.05MM	250/300/350	20	20	50
201-16-2503	201-16-2503C	2500MM/100"	0.02MM/1/1000"	250/300/350	20	20	50
201-16-2504	201-16-2504C	2500MM/100"	0.05MM/1/128"	250/300/350	20	20	50
201-16-3001	201-16-3001C	3000MM	0.02MM	250/300/350	20	20	50
201-16-3002	201-16-3002C	3000MM	0.05MM	250/300/350	20	20	50
201-16-3003	201-16-3003C	3000MM/120"	0.02MM/1/1000"	250/300/350	20	20	50
201-16-3004	201-16-3004C	3000MM/120"	0.05MM/1/128"	250/300/350	20	20	50

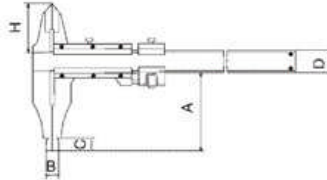




## HEAVY DUTY VERNIER CALIPER, TYPE III, FINE-ADJUSTMENT



201-15-0251 Stainless steel  
201-15-0251C Carbon steel

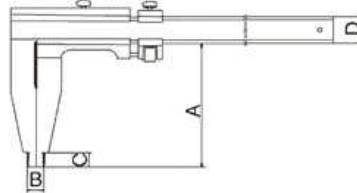


ART.NO.	ART.NO.	RANGE	READING	A (MM)	B (MM)	C (MM)	D (MM)	H (MM)
201-15-0251	201-15-0251C	250MM	0.02MM	60/90	10	10	18.5	40
201-15-0252	201-15-0252C	250MM	0.05MM	60/90	10	10	18.5	40
201-15-0253	201-15-0253C	250MM/10"	0.02MM/1/1000"	60/90	10	10	18.5	40
201-15-0254	201-15-0254C	250MM/10"	0.05MM/1/128"	60/90	10	10	18.5	40
201-15-0301	201-15-0301C	300MM	0.02MM	60/90	10	10	18.5	40
201-15-0302	201-15-0302C	300MM	0.05MM	60/90	10	10	18.5	40
201-15-0303	201-15-0303C	300MM/12"	0.02MM/1/1000"	60/90	10	10	18.5	40
201-15-0304	201-15-0304C	300MM/12"	0.05MM/1/128"	60/90	10	10	18.5	40
201-15-0401	201-15-0401C	400MM	0.02MM	90/125/150	10	12	25	50
201-15-0402	201-15-0402C	400MM	0.05MM	90/125/150	10	12	25	50
201-15-0403	201-15-0403C	400MM/16"	0.02MM/1/1000"	90/125/150	10	12	25	50
201-15-0404	201-15-0404C	400MM/16"	0.05MM/1/128"	90/125/150	10	12	25	50
201-15-0501	201-15-0501C	500MM	0.02MM	90/125/150	10	12	25	50
201-15-0502	201-15-0502C	500MM	0.05MM	90/125/150	10	12	25	50
201-15-0503	201-15-0503C	500MM/20"	0.02MM/1/1000"	90/125/150	10	12	25	50
201-15-0504	201-15-0504C	500MM/20"	0.05MM/1/128"	90/125/150	10	12	25	50
201-15-0601	201-15-0601C	600MM	0.02MM	90/125/150	10	12	25	50
201-15-0602	201-15-0602C	600MM	0.05MM	90/125/150	10	12	25	50
201-15-0603	201-15-0603C	600MM/24"	0.02MM/1/1000"	90/125/150	10	12	25	50
201-15-0604	201-15-0604C	600MM/24"	0.05MM/1/128"	90/125/150	10	12	25	50
201-15-0801	201-15-0801C	800MM	0.02MM	125/150/200	20	20	32	56
201-15-0802	201-15-0802C	800MM	0.05MM	125/150/200	20	20	32	56
201-15-0803	201-15-0803C	800MM/32"	0.02MM/1/1000"	125/150/200	20	20	32	56
201-15-0804	201-15-0804C	800MM/32"	0.05MM/1/128"	125/150/200	20	20	32	56
201-15-1001	201-15-1001C	1000MM	0.02MM	125/150/200	20	20	32	56
201-15-1002	201-15-1002C	1000MM	0.05MM	125/150/200	20	20	32	56
201-15-1003	201-15-1003C	1000MM/40"	0.02MM/1/1000"	125/150/200	20	20	32	56
201-15-1004	201-15-1004C	1000MM/40"	0.05MM/1/128"	125/150/200	20	20	32	56
201-15-1501	201-15-1501C	1500MM	0.02MM	200/250/300	20	20	50	68
201-15-1502	201-15-1502C	1500MM	0.05MM	200/250/300	20	20	50	68
201-15-1503	201-15-1503C	1500MM/60"	0.02MM/1/1000"	200/250/300	20	20	50	68
201-15-1504	201-15-1504C	1500MM/60"	0.05MM/1/128"	200/250/300	20	20	50	68
201-15-2001	201-15-2001C	2000MM	0.02MM	200/250/300	20	20	50	68
201-15-2002	201-15-2002C	2000MM	0.05MM	200/250/300	20	20	50	68
201-15-2003	201-15-2003C	2000MM/80"	0.02MM/1/1000"	200/250/300	20	20	50	68
201-15-2004	201-15-2004C	2000MM/80"	0.05MM/1/128"	200/250/300	20	20	50	68

## HEAVY DUTY VERNIER CALIPER, TYPE IV, MONO-BLOCK, FINE-ADJUSTMENT



201-16-0451 Stainless steel  
201-16-0451C Carbon steel



ART.NO.	ART.NO.	RANGE	READING	A (MM)	B (MM)	C (MM)	D (MM)
201-16-0451	201-16-0451C	450MM	0.02MM	90/125/150	10	12	25
201-16-0452	201-16-0452C	450MM	0.05MM	90/125/150	10	12	25
201-16-0453	201-16-0453C	450MM/18"	0.02MM/1/1000"	90/125/150	10	12	25
201-16-0454	201-16-0454C	450MM/18"	0.05MM/1/128"	90/125/150	10	12	25
201-16-0501	201-16-0501C	500MM	0.02MM	90/125/150	10	12	25
201-16-0502	201-16-0502C	500MM	0.05MM	90/125/150	10	12	25
201-16-0503	201-16-0503C	500MM/20"	0.02MM/1/1000"	90/125/150	10	12	25
201-16-0504	201-16-0504C	500MM/20"	0.05MM/1/128"	90/125/150	10	12	25
201-16-0601	201-16-0601C	600MM	0.02MM	90/125/150	10	12	25
201-16-0602	201-16-0602C	600MM	0.05MM	90/125/150	10	12	25
201-16-0603	201-16-0603C	600MM/24"	0.02MM/1/1000"	90/125/150	10	12	25
201-16-0604	201-16-0604C	600MM/24"	0.05MM/1/128"	90/125/150	10	12	25
201-16-0801	201-16-0801C	800MM	0.02MM	125/150/200	20	20	32
201-16-0802	201-16-0802C	800MM	0.05MM	125/150/200	20	20	32
201-16-0803	201-16-0803C	800MM/32"	0.02MM/1/1000"	125/150/200	20	20	32
201-16-0804	201-16-0804C	800MM/32"	0.05MM/1/128"	125/150/200	20	20	32
201-16-1001	201-16-1001C	1000MM	0.02MM	125/150/200	20	20	32
201-16-1002	201-16-1002C	1000MM	0.05MM	125/150/200	20	20	32
201-16-1003	201-16-1003C	1000MM/40"	0.02MM/1/1000"	125/150/200	20	20	32
201-16-1004	201-16-1004C	1000MM/40"	0.05MM/1/128"	125/150/200	20	20	32
201-16-1501	201-16-1501C	1500MM	0.02MM	200/250/300	20	20	50
201-16-1502	201-16-1502C	1500MM	0.05MM	200/250/300	20	20	50
201-16-1503	201-16-1503C	1500MM/60"	0.02MM/1/1000"	200/250/300	20	20	50
201-16-1504	201-16-1504C	1500MM/60"	0.05MM/1/128"	200/250/300	20	20	50
201-16-2001	201-16-2001C	2000MM	0.02MM	200/250/300	20	20	50
201-16-2002	201-16-2002C	2000MM	0.05MM	200/250/300	20	20	50
201-16-2003	201-16-2003C	2000MM/80"	0.02MM/1/1000"	200/250/300	20	20	50
201-16-2004	201-16-2004C	2000MM/80"	0.05MM/1/128"	200/250/300	20	20	50
201-16-2501	201-16-2501C	2500MM	0.02MM	250/300/350	20	20	50
201-16-2502	201-16-2502C	2500MM	0.05MM	250/300/350	20	20	50
201-16-2503	201-16-2503C	2500MM/100"	0.02MM/1/1000"	250/300/350	20	20	50
201-16-2504	201-16-2504C	2500MM/100"	0.05MM/1/128"	250/300/350	20	20	50
201-16-3001	201-16-3001C	3000MM	0.02MM	250/300/350	20	20	50
201-16-3002	201-16-3002C	3000MM	0.05MM	250/300/350	20	20	50
201-16-3003	201-16-3003C	3000MM/120"	0.02MM/1/1000"	250/300/350	20	20	50
201-16-3004	201-16-3004C	3000MM/120"	0.05MM/1/128"	250/300/350	20	20	50

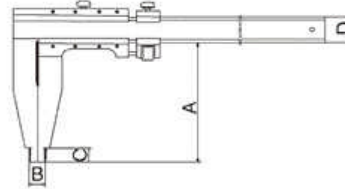




## HEAVY DUTY VERNIER CALIPER, TYPE IV, FINE-ADJUSTMENT



201-17-0451 Stainless steel  
201-17-0451C Carbon steel

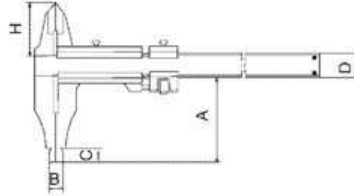


ART.NO.	ART.NO.	RANGE	READING	A (MM)	B (MM)	C (MM)	D (MM)
201-17-0451	201-17-0451C	450MM	0.02MM	90/125/150	10	12	25
201-17-0452	201-17-0452C	450MM	0.05MM	90/125/150	10	12	25
201-17-0453	201-17-0453C	450MM/18"	0.02MM/1/1000"	90/125/150	10	12	25
201-17-0454	201-17-0454C	450MM/18"	0.05MM/1/128"	90/125/150	10	12	25
201-17-0501	201-17-0501C	500MM	0.02MM	90/125/150	10	12	25
201-17-0502	201-17-0502C	500MM	0.05MM	90/125/150	10	12	25
201-17-0503	201-17-0503C	500MM/20"	0.02MM/1/1000"	90/125/150	10	12	25
201-17-0504	201-17-0504C	500MM/20"	0.05MM/1/128"	90/125/150	10	12	25
201-17-0601	201-17-0601C	600MM	0.02MM	90/125/150	10	12	25
201-17-0602	201-17-0602C	600MM	0.05MM	90/125/150	10	12	25
201-17-0603	201-17-0603C	600MM/24"	0.02MM/1/1000"	90/125/150	10	12	25
201-17-0604	201-17-0604C	600MM/24"	0.05MM/1/128"	90/125/150	10	12	25
201-17-0801	201-17-0801C	800MM	0.02MM	125/150/200	20	20	32
201-17-0802	201-17-0802C	800MM	0.05MM	125/150/200	20	20	32
201-17-0803	201-17-0803C	800MM/32"	0.02MM/1/1000"	125/150/200	20	20	32
201-17-0804	201-17-0804C	800MM/32"	0.05MM/1/128"	125/150/200	20	20	32
201-17-1001	201-17-1001C	1000MM	0.02MM	125/150/200	20	20	32
201-17-1002	201-17-1002C	1000MM	0.05MM	125/150/200	20	20	32
201-17-1003	201-17-1003C	1000MM/40"	0.02MM/1/1000"	125/150/200	20	20	32
201-17-1004	201-17-1004C	1000MM/40"	0.05MM/1/128"	125/150/200	20	20	32
201-17-1501	201-17-1501C	1500MM	0.02MM	200/250/300	20	20	50
201-17-1502	201-17-1502C	1500MM	0.05MM	200/250/300	20	20	50
201-17-1503	201-17-1503C	1500MM/60"	0.02MM/1/1000"	200/250/300	20	20	50
201-17-1504	201-17-1504C	1500MM/60"	0.05MM/1/128"	200/250/300	20	20	50
201-17-2001	201-17-2001C	2000MM	0.02MM	200/250/300	20	20	50
201-17-2002	201-17-2002C	2000MM	0.05MM	200/250/300	20	20	50
201-17-2003	201-17-2003C	2000MM/80"	0.02MM/1/1000"	200/250/300	20	20	50
201-17-2004	201-17-2004C	2000MM/80"	0.05MM/1/128"	200/250/300	20	20	50
201-17-2501	201-17-2501C	2500MM	0.02MM	250/300/350	20	20	50
201-17-2502	201-17-2502C	2500MM	0.05MM	250/300/350	20	20	50
201-17-2503	201-17-2503C	2500MM/100"	0.02MM/1/1000"	250/300/350	20	20	50
201-17-2504	201-17-2504C	2500MM/100"	0.05MM/1/128"	250/300/350	20	20	50
201-17-3001	201-17-3001C	3000MM	0.02MM	250/300/350	20	20	50
201-17-3002	201-17-3002C	3000MM	0.05MM	250/300/350	20	20	50
201-17-3003	201-17-3003C	3000MM/120"	0.02MM/1/1000"	250/300/350	20	20	50
201-17-3004	201-17-3004C	3000MM/120"	0.05MM/1/128"	250/300/350	20	20	50

## HEAVY DUTY VERNIER CALIPER, TYPE V, MONO-BLOCK, FINE-ADJUSTMENT



201-18-0251 Stainless steel  
201-18-0251C Carbon steel



ART.NO.	ART.NO.	RANGE	READING	A (MM)	B (MM)	C (MM)	D (MM)	H (MM)
201-18-0251	201-18-0251C	250MM	0.02MM	60/90	10	10	18.5	23
201-18-0252	201-18-0252C	250MM	0.05MM	60/90	10	10	18.5	23
201-18-0253	201-18-0253C	250MM/10"	0.02MM/1/1000"	60/90	10	10	18.5	23
201-18-0254	201-18-0254C	250MM/10"	0.05MM/1/128"	60/90	10	10	18.5	23
201-18-0301	201-18-0301C	300MM	0.02MM	60/90	10	10	18.5	23
201-18-0302	201-18-0302C	300MM	0.05MM	60/90	10	10	18.5	23
201-18-0303	201-18-0303C	300MM/12"	0.02MM/1/1000"	60/90	10	10	18.5	23
201-18-0304	201-18-0304C	300MM/12"	0.05MM/1/128"	60/90	10	10	18.5	23
201-18-0401	201-18-0401C	400MM	0.02MM	90/125/150	10	12	25	39
201-18-0402	201-18-0402C	400MM	0.05MM	90/125/150	10	12	25	39
201-18-0403	201-18-0403C	400MM/16"	0.02MM/1/1000"	90/125/150	10	12	25	39
201-18-0404	201-18-0404C	400MM/16"	0.05MM/1/128"	90/125/150	10	12	25	39
201-18-0501	201-18-0501C	500MM	0.02MM	90/125/150	10	12	25	39
201-18-0502	201-18-0502C	500MM	0.05MM	90/125/150	10	12	25	39
201-18-0503	201-18-0503C	500MM/20"	0.02MM/1/1000"	90/125/150	10	12	25	39
201-18-0504	201-18-0504C	500MM/20"	0.05MM/1/128"	90/125/150	10	12	25	39
201-18-0601	201-18-0601C	600MM	0.02MM	90/125/150	10	12	25	39
201-18-0602	201-18-0602C	600MM	0.05MM	90/125/150	10	12	25	39
201-18-0603	201-18-0603C	600MM/24"	0.02MM/1/1000"	90/125/150	10	12	25	39
201-18-0604	201-18-0604C	600MM/24"	0.05MM/1/128"	90/125/150	10	12	25	39
201-18-0801	201-18-0801C	800MM	0.02MM	125/150/200	20	20	32	50
201-18-0802	201-18-0802C	800MM	0.05MM	125/150/200	20	20	32	50
201-18-0803	201-18-0803C	800MM/32"	0.02MM/1/1000"	125/150/200	20	20	32	50
201-18-0804	201-18-0804C	800MM/32"	0.05MM/1/128"	125/150/200	20	20	32	50
201-18-1001	201-18-1001C	1000MM	0.02MM	125/150/200	20	20	32	50
201-18-1002	201-18-1002C	1000MM	0.05MM	125/150/200	20	20	32	50
201-18-1003	201-18-1003C	1000MM/40"	0.02MM/1/1000"	125/150/200	20	20	32	50
201-18-1004	201-18-1004C	1000MM/40"	0.05MM/1/128"	125/150/200	20	20	32	50
201-18-1501	201-18-1501C	1500MM	0.02MM	200/250/300	20	20	50	58
201-18-1502	201-18-1502C	1500MM	0.05MM	200/250/300	20	20	50	58
201-18-1503	201-18-1503C	1500MM/60"	0.02MM/1/1000"	200/250/300	20	20	50	58
201-18-1504	201-18-1504C	1500MM/60"	0.05MM/1/128"	200/250/300	20	20	50	58
201-18-2001	201-18-2001C	2000MM	0.02MM	200/250/300	20	20	50	58
201-18-2002	201-18-2002C	2000MM	0.05MM	200/250/300	20	20	50	58
201-18-2003	201-18-2003C	2000MM/80"	0.02MM/1/1000"	200/250/300	20	20	50	58
201-18-2004	201-18-2004C	2000MM/80"	0.05MM/1/128"	200/250/300	20	20	50	58

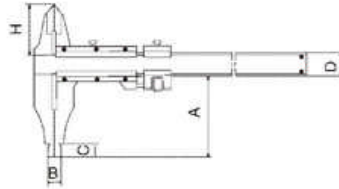




## HEAVY DUTY VERNIER CALIPER, TYPE V, FINE-ADJUSTMENT



201-19-0251 Stainless steel  
201-19-0251C Carbon steel



ART.NO.	ART.NO.	RANGE	READING	A (MM)	B (MM)	C (MM)	D (MM)	H (MM)
201-19-0251	201-19-0251C	250MM	0.02MM	60/90	10	10	18.5	23
201-19-0252	201-19-0252C	250MM	0.05MM	60/90	10	10	18.5	23
201-19-0253	201-19-0253C	250MM/10"	0.02MM/1/1000"	60/90	10	10	18.5	23
201-19-0254	201-19-0254C	250MM/10"	0.05MM/1/128"	60/90	10	10	18.5	23
201-19-0301	201-19-0301C	300MM	0.02MM	60/90	10	10	18.5	23
201-19-0302	201-19-0302C	300MM	0.05MM	60/90	10	10	18.5	23
201-19-0303	201-19-0303C	300MM/12"	0.02MM/1/1000"	60/90	10	10	18.5	23
201-19-0304	201-19-0304C	300MM/12"	0.05MM/1/128"	60/90	10	10	18.5	23
201-19-0401	201-19-0401C	400MM	0.02MM	90/125/150	10	12	25	39
201-19-0402	201-19-0402C	400MM	0.05MM	90/125/150	10	12	25	39
201-19-0403	201-19-0403C	400MM/16"	0.02MM/1/1000"	90/125/150	10	12	25	39
201-19-0404	201-19-0404C	400MM/16"	0.05MM/1/128"	90/125/150	10	12	25	39
201-19-0501	201-19-0501C	500MM	0.02MM	90/125/150	10	12	25	39
201-19-0502	201-19-0502C	500MM	0.05MM	90/125/150	10	12	25	39
201-19-0503	201-19-0503C	500MM/20"	0.02MM/1/1000"	90/125/150	10	12	25	39
201-19-0504	201-19-0504C	500MM/20"	0.05MM/1/128"	90/125/150	10	12	25	39
201-19-0601	201-19-0601C	600MM	0.02MM	90/125/150	10	12	25	39
201-19-0602	201-19-0602C	600MM	0.05MM	90/125/150	10	12	25	39
201-19-0603	201-19-0603C	600MM/24"	0.02MM/1/1000"	90/125/150	10	12	25	39
201-19-0604	201-19-0604C	600MM/24"	0.05MM/1/128"	90/125/150	10	12	25	39
201-19-0801	201-19-0801C	800MM	0.02MM	125/150/200	20	20	32	50
201-19-0802	201-19-0802C	800MM	0.05MM	125/150/200	20	20	32	50
201-19-0803	201-19-0803C	800MM/32"	0.02MM/1/1000"	125/150/200	20	20	32	50
201-19-0804	201-19-0804C	800MM/32"	0.05MM/1/128"	125/150/200	20	20	32	50
201-19-1001	201-19-1001C	1000MM	0.02MM	125/150/200	20	20	32	50
201-19-1002	201-19-1002C	1000MM	0.05MM	125/150/200	20	20	32	50
201-19-1003	201-19-1003C	1000MM/40"	0.02MM/1/1000"	125/150/200	20	20	32	50
201-19-1004	201-19-1004C	1000MM/40"	0.05MM/1/128"	125/150/200	20	20	32	50
201-19-1501	201-19-1501C	1500MM	0.02MM	200/250/300	20	20	50	58
201-19-1502	201-19-1502C	1500MM	0.05MM	200/250/300	20	20	50	58
201-19-1503	201-19-1503C	1500MM/60"	0.02MM/1/1000"	200/250/300	20	20	50	58
201-19-1504	201-19-1504C	1500MM/60"	0.05MM/1/128"	200/250/300	20	20	50	58
201-19-2001	201-19-2001C	2000MM	0.02MM	200/250/300	20	20	50	58
201-19-2002	201-19-2002C	2000MM	0.05MM	200/250/300	20	20	50	58
201-19-2003	201-19-2003C	2000MM/80"	0.02MM/1/1000"	200/250/300	20	20	50	58
201-19-2004	201-19-2004C	2000MM/80"	0.05MM/1/128"	200/250/300	20	20	50	58

## DIAL CALIPER, THROUGH SLOT



203-01-0151 Stainless steel  
203-01-0151C Carbon steel

ART.NO.	ART.NO.	RANGE	READING
203-01-0101	---	100MM	0.01MM
203-01-0102	---	100MM	0.02MM
203-01-0151	203-01-0151C	150MM	0.01MM
203-01-0152	203-01-0152C	150MM	0.02MM
203-01-0201	203-01-0201C	200MM	0.01MM
203-01-0202	203-01-0202C	200MM	0.02MM
203-01-0301	203-01-0301C	300MM	0.01MM
203-01-0302	203-01-0302C	300MM	0.02MM

## DIAL CALIPER, NON-THROUGH SLOT, STAINLESS STEEL



ART. NO.	RANGE	READING
203-02-0101	100MM	0.01MM
203-02-0102	100MM	0.02MM
203-02-0151	150MM	0.01MM
203-02-0152	150MM	0.02MM
203-02-0201	200MM	0.01MM
203-02-0202	200MM	0.02MM
203-02-0301	300MM	0.01MM
203-02-0302	300MM	0.02MM

## MM/INCH READING DIAL CALIPER, STAINLESS STEEL



ART. NO.	RANGE	READING
203-03-0150	150MM/6"	0.02MM/1/1000"
203-03-0200	200MM/8"	0.02MM/1/1000"
203-03-0300	300MM/12"	0.02MM/1/1000"

## DEPTH VERNIER CALIPER WITH CHANGEABLE NEEDLE STAINLESS STEEL



ART. NO.	RANGE	READING	BRIDGE
205-01-0080	80MM	0.05MM	50MM
205-01-0150	150MM	0.05MM	100MM
205-01-0200	200MM	0.05MM	100MM
205-01-0250	250MM	0.05MM	100MM
205-01-0300	300MM	0.05MM	100MM





## DEPTH VERNIER CALIPER



205-02-0151 Stainless steel  
205-02-0151C Carbon steel

ART.NO.	ART.NO.	RANGE	READING	BRIDGE
205-02-0151	205-02-0151C	150MM	0.02MM	100MM
205-02-0152	205-02-0152C	150MM	0.05MM	100MM
205-02-0201	205-02-0201C	200MM	0.02MM	100MM
205-02-0202	205-02-0202C	200MM	0.05MM	100MM
205-02-0251	205-02-0251C	250MM	0.02MM	100MM
205-02-0252	205-02-0252C	250MM	0.05MM	100MM
205-02-0301	205-02-0301C	300MM	0.02MM	100/150MM
205-02-0302	205-02-0302C	300MM	0.05MM	100/150MM
205-02-0501	205-02-0501C	500MM	0.02MM	150/250MM
205-02-0502	205-02-0502C	500MM	0.05MM	150/250MM
205-02-0601	205-02-0601C	600MM	0.02MM	150/250MM
205-02-0602	205-02-0602C	600MM	0.05MM	150/250MM
205-02-0801	205-02-0801C	800MM	0.02MM	250MM
205-02-0802	205-02-0802C	800MM	0.05MM	250MM
205-02-1001	205-02-1001C	1000MM	0.02MM	250MM
205-02-1002	205-02-1002C	1000MM	0.05MM	250MM

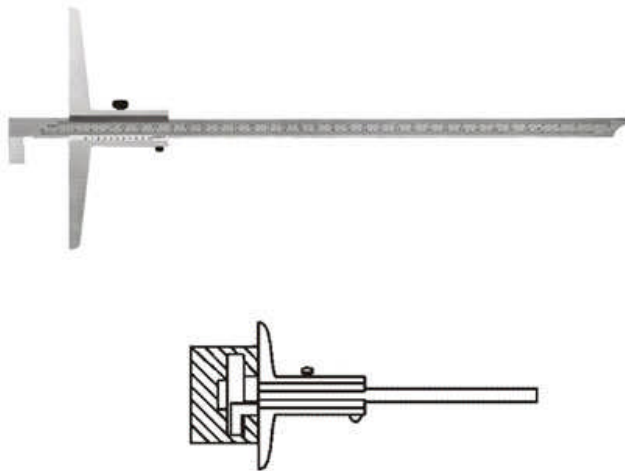
## DEPTH VERNIER CALIPER, FINE ADJUSTMENT



205-03-0150 Stainless steel  
205-03-0150C Carbon steel

ART.NO.	ART.NO.	RANGE	READING	BRIDGE
205-03-0150	205-03-0150C	150MM	0.02MM	100MM
205-03-0200	205-03-0200C	200MM	0.02MM	100MM
205-03-0250	205-03-0250C	250MM	0.02MM	100MM
205-03-0300	205-03-0300C	300MM	0.02MM	100/150MM
205-03-0500	205-03-0500C	500MM	0.02MM	150/250MM
205-03-0600	205-03-0600C	600MM	0.02MM	150/250MM

## DEPTH VERNIER CALIPER, HOOK HEAD, STAINLESS STEEL



ART. NO.	RANGE	READING	BRIDGE
205-04-0151	150MM	0.02MM	100MM
205-04-0152	150MM	0.05MM	100MM
205-04-0201	200MM	0.02MM	100MM
205-04-0202	200MM	0.05MM	100MM
205-04-0251	250MM	0.02MM	100MM
205-04-0252	250MM	0.05MM	100MM
205-04-0301	300MM	0.02MM	100/150MM
205-04-0302	300MM	0.05MM	100/150MM
205-04-0501	500MM	0.02MM	150/250MM
205-04-0502	500MM	0.05MM	150/250MM
205-04-0601	600MM	0.02MM	150/250MM
205-04-0602	600MM	0.05MM	150/250MM
205-04-0801	800MM	0.02MM	250MM
205-04-0802	800MM	0.05MM	250MM
205-04-1001	1000MM	0.02MM	250MM
205-04-1002	1000MM	0.05MM	250MM

## DEPTH VERNIER CALIPER, DOUBLE HOOK HEAD, STAINLESS STEEL



ART. NO.	RANGE	READING	BRIDGE
205-05-0201	200MM	0.02MM	100MM
205-05-0202	200MM	0.05MM	100MM
205-05-0251	250MM	0.02MM	100MM
205-05-0252	250MM	0.05MM	100MM
205-05-0301	300MM	0.02MM	100/150MM
205-05-0302	300MM	0.05MM	100/150MM
205-05-0401	400MM	0.02MM	100/150MM
205-05-0402	400MM	0.05MM	100/150MM
205-05-0501	500MM	0.02MM	150MM
205-05-0502	500MM	0.05MM	150MM





## HEIGHT GAUGE, CARBIDE TIPPED SCRIBER CARBON STEEL



ART. NO.	RANGE	READING	ART. NO.	RANGE	READING
207-01-0301	300MM	0.02MM	207-01-0603	600MM/24"	0.02MM/1/1000"
207-01-0302	300MM	0.05MM	207-01-0604	600MM/24"	0.05MM/1/128"
207-01-0303	300MM/12"	0.02MM/1/1000"	207-01-1001	1000MM	0.02MM
207-01-0304	300MM/12"	0.05MM/1/128"	207-01-1002	1000MM	0.05MM
207-01-0501	500MM	0.02MM	207-01-1003	1000MM/40"	0.02MM/1/1000"
207-01-0502	500MM	0.05MM	207-01-1004	1000MM/40"	0.05MM/1/128"
207-01-0503	500MM/20"	0.02MM/1/1000"	207-01-1501	1500MM	0.02MM
207-01-0504	500MM/20"	0.05MM/1/128"	207-01-1502	1500MM	0.05MM
207-01-0601	600MM	0.02MM	207-01-1503	1500MM/60"	0.02MM/1/1000"
207-01-0602	600MM	0.05MM	207-01-1504	1500MM/60"	0.05MM/1/128"

## ADJUSTABLE HEIGHT GAUGE, WITH MAGNIFY GLASS CARBON STEEL



ART. NO.	RANGE	READING
207-02-0301	300MM	0.02MM
207-02-0302	300MM/12"	0.02MM/1/1000"
207-02-0501	500MM	0.02MM
207-02-0502	500MM/20"	0.02MM/1/1000"
207-02-0601	600MM	0.02MM
207-02-0602	600MM/24"	0.02MM/1/1000"
207-02-1001	1000MM	0.02MM
207-02-1002	1000MM/40"	0.02MM/1/1000"

## DIAL HEIGHT GAUGE, STAINLESS STEEL



ART. NO.	RANGE	READING
207-03-0151	150MM	0.01MM
207-03-0152	150MM	0.02MM
207-03-0201	200MM	0.01MM
207-03-0202	200MM	0.02MM
207-03-0301	300MM	0.01MM
207-03-0302	300MM	0.02MM

## DOUBLE-COLUMN DIAL HEIGHT GAUGE



ART. NO.	RANGE	READING
207-04-0300	300MM	0.01MM
207-04-0450	450MM	0.01MM
207-04-0500	500MM	0.01MM
207-04-0600	600MM	0.01MM

## ELECTRONIC DIGITAL HEIGHT GAUGE

ART. NO.	RANGE	READING
207-05-0300	300MM/12"	0.01MM/0.0005"
207-05-0450	450MM/18"	0.01MM/0.0005"
207-05-0500	500MM/20"	0.01MM/0.0005"
207-05-0600	600MM/24"	0.01MM/0.0005"
207-05-1000	1000MM/40"	0.01MM/0.0005"
207-05-1500	1500MM/60"	0.01MM/0.0005"



## ELECTRONIC DIGITAL HEIGHT GAUGE WITH ROCKER ARM

ART. NO.	RANGE	READING
207-06-0300	300MM/12"	0.01MM/0.0005"
207-06-0450	450MM/18"	0.01MM/0.0005"
207-06-0500	500MM/20"	0.01MM/0.0005"
207-06-0600	600MM/24"	0.01MM/0.0005"
207-06-1000	1000MM/40"	0.01MM/0.0005"
207-06-1500	1500MM/60"	0.01MM/0.0005"



## ELECTRONIC DIGITAL HEIGHT GAUGE DOUBLE-COLUMN

ART. NO.	RANGE	READING
207-07-0300	300MM/12"	0.01MM/0.0005"
207-07-0450	450MM/18"	0.01MM/0.0005"
207-07-0500	500MM/20"	0.01MM/0.0005"
207-07-0600	600MM/24"	0.01MM/0.0005"





### DIGITAL CALIPER, 3-BUTTONS, BIG LCD



ART. NO.	RANGE	READING
209-01-0075	75MM/3"	0.01MM/0.0005"
209-01-0100	100MM/4"	0.01MM/0.0005"
209-01-0150	150MM/6"	0.01MM/0.0005"
209-01-0200	200MM/8"	0.01MM/0.0005"
209-01-0300	300MM/12"	0.01MM/0.0005"

### DIGITAL CALIPER, 3-BUTTONS, SUPER BIG LCD



ART. NO.	RANGE	READING
209-02-0150	150MM/6"	0.01MM/0.0005"
209-02-0200	200MM/8"	0.01MM/0.0005"
209-02-0300	300MM/12"	0.01MM/0.0005"

### DIGITAL CALIPER, 4-BUTTONS, SUPER-BIG LCD



ART. NO.	RANGE	READING
209-03-0150	150MM/6"	0.01MM/0.0005"
209-03-0200	200MM/8"	0.01MM/0.0005"
209-03-0300	300MM/12"	0.01MM/0.0005"

### DIGITAL CALIPER, KING SIZE LCD



ART. NO.	RANGE	READING
209-04-0150	150MM/6"	0.01MM/0.0005"
209-04-0200	200MM/8"	0.01MM/0.0005"
209-04-0300	300MM/12"	0.01MM/0.0005"

### LEFT HAND DIGITAL CALIPER



ART. NO.	RANGE	READING
209-05-0150	150MM/6"	0.01MM/0.0005"
209-05-0200	200MM/8"	0.01MM/0.0005"
205-05-0300	300MM/12"	0.01MM/0.0005"

## DIGITAL CALIPER, 3-BUTTONS, METAL COVER LCD, TYPE I



ART. NO.	RANGE	READING
209-06-0150	150MM/6"	0.01MM/0.0005"
209-06-0200	200MM/8"	0.01MM/0.0005"
209-06-0300	300MM/12"	0.01MM/0.0005"

## DIGITAL CALIPER, 3-BUTTONS, METAL COVER LCD, TYPE II



ART. NO.	RANGE	READING
209-07-0150	150MM/6"	0.01MM/0.0005"
209-07-0200	200MM/8"	0.01MM/0.0005"
209-07-0300	300MM/12"	0.01MM/0.0005"

## DIGITAL CALIPER, 3-BUTTONS, METAL COVER LCD, TYPE III



ART. NO.	RANGE	READING
209-08-0150	150MM/6"	0.01MM/0.0005"
209-08-0200	200MM/8"	0.01MM/0.0005"
209-08-0300	300MM/12"	0.01MM/0.0005"

## WATER-PROOF DIGITAL CALIPER, IP67



ART. NO.	RANGE	READING
209-09-0150	150MM/6"	0.01MM/0.0005"
209-09-0200	200MM/8"	0.01MM/0.0005"
209-09-0300	300MM/12"	0.01MM/0.0005"

## DIGITAL CALIPER, FRICTION DISPLAY

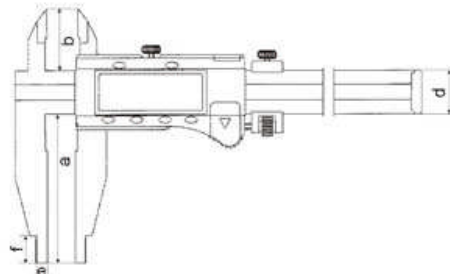


ART. NO.	RANGE	READING
209-10-0150	150MM/6"	0.01MM/1/128"
209-10-0200	200MM/8"	0.01MM/1/128"
209-10-0300	300MM/12"	0.01MM/1/128"



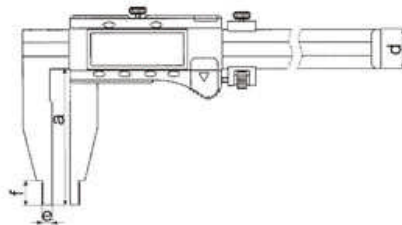


## HEAVY DUTY DIGITAL CALIPER, TYPE III



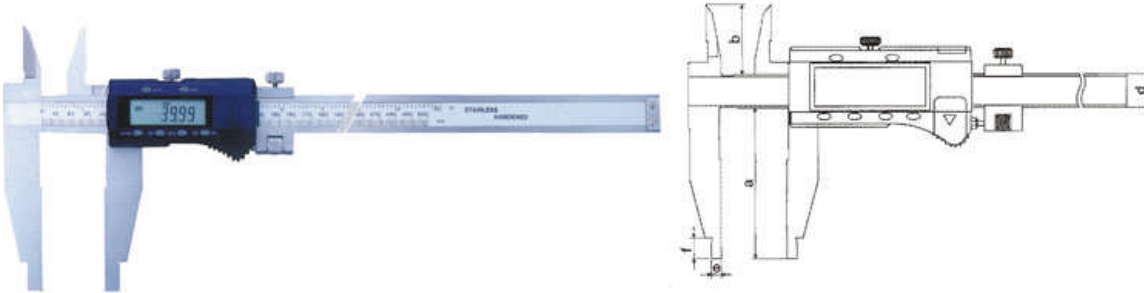
ART. NO.	RANGE	READING	a	b	d	e	f
209-11-0200	200MM/8"	0.01MM	60/75/100MM	38/38/45MM	17/17/20MM	5/5/5MM	12/12/12MM
209-11-0250	250MM/10"	0.01MM	60/75/100MM	38/38/45MM	17/17/20MM	5/5/5MM	12/12/12MM
209-11-0300	300MM/12"	0.01MM	60/75/100MM	38/38/45MM	17/17/20MM	5/5/5MM	12/12/12MM
209-11-0400	400MM/16"	0.01MM	100/125/150MM	56/56/56MM	24/24/24MM	10/10/10MM	18/18/18MM
209-11-0500	500MM/20"	0.01MM	100/150/200MM	56/56/67MM	24/24/31MM	10/10/10MM	18/18/24MM
209-11-0600	600MM/24"	0.01MM	100/150/200MM	56/56/67MM	24/24/31MM	10/10/10MM	18/18/24MM
209-11-0800	800MM/32"	0.01MM	125/150/200MM	67/67/67MM	31/31/31MM	10/10/10MM	24/24/24MM
209-11-1000	1000MM/40"	0.01MM	125/150/200MM	67/67/67MM	31/31/31MM	10/10/10MM	24/24/24MM
209-11-1500	1500MM/60"	0.01MM	150/200/250MM	80/80/80MM	42/42/42MM	10/10/10MM	24/24/24MM
209-11-2000	2000MM/80"	0.01MM	150/200/300MM	80/80/80MM	42/42/42MM	10/10/10MM	24/24/24MM

## HEAVY DUTY DIGITAL CALIPER, TYPE IV



ART. NO.	RANGE	READING	a	d	e	f
209-12-0300	300MM/12"	0.01MM	60/75/100MM	17/17/17MM	5/5/5MM	12/12/12MM
209-12-0400	400MM/16"	0.01MM	60/100/150MM	17/17/24MM	5/10/10MM	12/18/18MM
209-12-0500	500MM/20"	0.01MM	100/150/200MM	24/24/31MM	10/10/10MM	18/18/24MM
209-12-0600	600MM/24"	0.01MM	100/150/200MM	24/24/31MM	10/10/10MM	18/18/24MM
209-12-0800	800MM/32"	0.01MM	100/150/200MM	31/31/31MM	10/10/10MM	24/24/24MM
209-12-1000	1000MM/40"	0.01MM	125/150/200MM	31/31/31MM	10/10/10MM	24/24/24MM
209-12-1500	1500MM/60"	0.01MM	150/200/250MM	42/42/42MM	10/10/10MM	24/24/24MM
209-12-2000	2000MM/80"	0.01MM	150/200/300MM	42/42/42MM	10/10/10MM	24/24/24MM
209-12-2500	2500MM/100"	0.01MM	150/200/300MM	42/42/42MM	10/10/10MM	24/24/24MM
209-12-3000	3000MM/120"	0.01MM	150/200/300MM	42/42/42MM	10/10/10MM	24/24/24MM

## HEAVY DUTY DIGITAL CALIPER, TYPE V



ART. NO.	RANGE	READING	a	b	d	e	f
209-13-0200	200MM/8"	0.01MM	60/75/100MM	28/28/42	17/17/20MM	5/5/5MM	12/12/12MM
209-13-0250	250MM/10"	0.01MM	60/75/100MM	28/28/42MM	17/17/20MM	5/5/5MM	12/12/12MM
209-13-0300	300MM/12"	0.01MM	60/75/100MM	28/28/42MM	17/17/20MM	5/5/5MM	12/12/12MM
209-13-0400	400MM/16"	0.01MM	100/125/150MM	42/45/45MM	20/24/24MM	5/10/10MM	12/18/18MM
209-13-0500	500MM/20"	0.01MM	100/150/200MM	45/45/60MM	24/24/31MM	10/10/10MM	18/18/24MM
209-13-0600	600MM/24"	0.01MM	100/150/200MM	45/45/60MM	24/24/31MM	10/10/10MM	18/18/24MM
209-13-0800	800MM/32"	0.01MM	125/150/200MM	45/60/60MM	24/31/31MM	10/10/10MM	18/24/24MM
209-13-1000	1000MM/40"	0.01MM	125/150/200MM	60/60/60MM	31/31/31MM	10/10/10MM	24/24/24MM
209-13-1500	1500MM/60"	0.01MM	150/200/250MM	60/60/60MM	42/42/42MM	10/10/10MM	24/24/24MM
209-13-2000	2000MM/80"	0.01MM	150/200/300MM	60/60/60MM	42/42/42MM	10/10/10MM	24/24/24MM

## CONNECTING CABLES



### ART. NO.: WIN-I

DIMENSION: 80X50X32MM

Interface Protocol:

Baud Rate: 4800 Data Bits: 8 Stop Bit: 1

No correction or examination.

Data will be sent in ASCII Code (and TXT) continually.

After each datum finishes sending, press <Enter>. There's

no frame for data. Code ASCII for data measurement

consists of 10 bytes starting with sign <+> or sign <->,

followed by 7 digits, one decimal point and <Enter>.

With stable bytes transmission.

Followed by a group of data is Code ASCII for <Enter>.

Transmission Rate: 3 times / second.

## CONNECTING CABLES



### ART. NO.: WIN-II

DIMENSION: 62X33X17MM

Interface Protocol:

Baud Rate: 4800 Data Bits: 8 Stop Bit: 1

No correction or examination.

Data will be sent in ASCII Code (and TXT) continually.

After each datum finishes sending, press <Enter>. There's

no frame for data. Code ASCII for data measurement

consists of 10 bytes starting with sign <+> or sign <->,

followed by 7 digits, one decimal point and <Enter>.

With stable bytes transmission.

Followed by a group of data is Code ASCII for <Enter>.

Transmission Rate: 3 times / second.





## MARKING GAUGE, FLAT TYPE



ART. NO.	RANGE	READING
211-01-0200	200MM	0.1MM
211-01-0250	250MM	0.1MM
211-01-0300	300MM	0.1MM

## T-TYPE CALIPER



ART. NO.	RANGE	READING	BRIDGE
211-02-0160	160MM	0.05MM	135MM
211-02-0250	250MM	0.05MM	135MM
211-02-0300	300MM	0.05MM	160MM
211-02-0400	400MM	0.05MM	160MM

## MARKING GAUGE



ART. NO.	RANGE	READING
211-03-0201	200MM	0.1MM
211-03-0202	200MM/8"	0.1MM/1/128"
211-03-0401	400MM	0.1MM
211-03-0402	400MM/16"	0.1MM/1/128"

## TRAMMEL GAUGE



211-04-0500 Without fine adjustment

ART. NO.	RANGE	READING
211-04-0500	500MM	0.1MM
211-04-1000	1000MM	0.1MM
211-04-1500	1500MM	0.1MM
211-04-2000	2000MM	0.1MM



211-04-0500F With fine adjustment

ART. NO.	RANGE	READING
211-04-0500F	500MM/20"	0.05MM/1/128"
211-04-1000F	1000MM/40"	0.05MM/1/128"
211-04-1500F	1500MM/60"	0.05MM/1/128"
211-04-2000F	2000MM/80"	0.05MM/1/128"

## MARKING GAUGE, ROUND TYPE



211-05-0200 Without fine adjustment

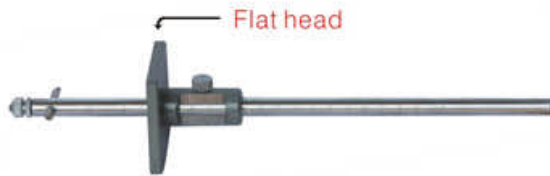
ART. NO.	RANGE	READING
211-05-0200	200MM	0.1MM
211-05-0300	300MM	0.1MM
211-05-0400	400MM	0.1MM
211-05-0500	500MM	0.1MM



211-05-0200F With fine adjustment

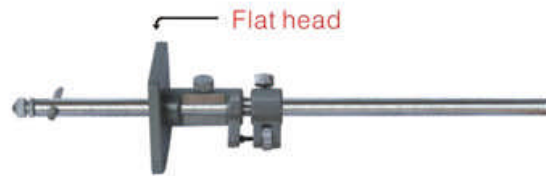
ART. NO.	RANGE	READING
211-05-0200F	200MM	0.1MM
211-05-0300F	300MM	0.1MM
211-05-0400F	400MM	0.1MM
211-05-0500F	500MM	0.1MM

## MARKING GAUGE, ROUND TYPE



211-06-0200 Without fine adjustment

ART. NO.	RANGE	READING
211-06-0200	200MM	0.1MM
211-06-0300	300MM	0.1MM
211-06-0400	400MM	0.1MM
211-06-0500	500MM	0.1MM



211-06-0200F With fine adjustment

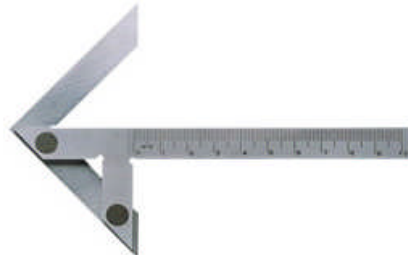
ART. NO.	RANGE	READING
211-06-0200F	200MM	0.1MM
211-06-0300F	300MM	0.1MM
211-06-0400F	400MM	0.1MM
211-06-0500F	500MM	0.1MM

## MARING GAUGE



ART. NO.	RANGE	READING	BRIDGE
211-07-0150	150MM	0.1MM	40MM
211-07-0200	200MM	0.1MM	40MM
211-07-0250	250MM	0.1MM	40MM
211-07-0300	300MM	0.1MM	40MM

## CENTRE GAUGE



ART. NO.	RANGE	MAX. SHAFT
211-08-0100	100X70MM	90MM
211-08-0150	150X130MM	190MM
211-08-0200	200X150MM	220MM
211-08-0250	250X160MM	230MM
211-08-0300	300X180MM	280MM





## SPLINE GAUGE



ART. NO.	RANGE	READING
211-09-0080	5-80MM	0.05MM
211-09-0120	6-120MM	0.05MM
211-09-0160	7-160MM	0.05MM
211-09-0200	8-200MM	0.05MM

## V-MEASURING FACE CALIPER



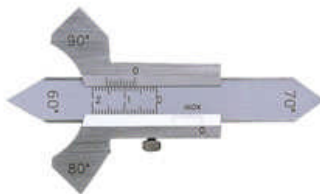
ART. NO.	RANGE	READING	POINTS
211-10-0001	4-40MM	0.05MM/1/1000"	3 POINTS
211-10-0002	20-75MM	0.05MM/1/1000"	3 POINTS
211-10-0003	1-40MM	0.05MM/1/1000"	5 POINTS
211-10-0004	20-75MM	0.05MM/1/1000"	5 POINTS

## ELECTRONIC DIGITAL V-MEASURING FACE CALIPER



ART. NO.	RANGE	READING	POINTS
211-11-0001	4-40MM	0.01MM	3 POINTS
211-11-0002	20-75MM	0.01MM	3 POINTS
211-11-0003	1-40MM	0.01MM	5 POINTS

## WELDING SEAM GAUGE



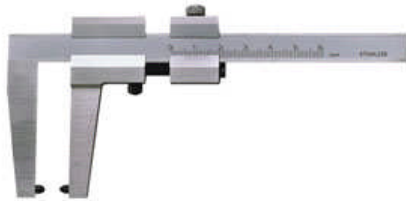
ART. NO.	RANGE	READING
211-12-0020	0-20MM	0.1MM

## ELECTRONIC DIGITAL WELDING SEAM GAUGE



ART. NO.	RANGE	READING
211-13-0020	0-20MM	0.01MM

### DISC BRAKE CALIPER



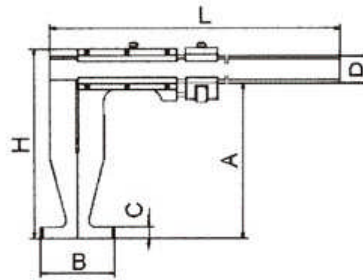
ART. NO.	RANGE	READING	JAW
211-14-0001	0-60MM	0.1MM	55MM
211-14-0002	0-60MM	0.1MM	80MM
211-14-0003	0-90MM	0.1MM	120MM

### ELECTRONIC DIGITAL DISC BRAKE CALIPER



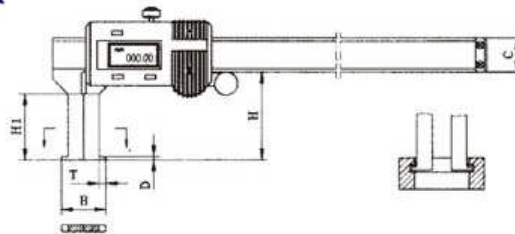
ART. NO.	RANGE	READING	JAW
211-15-0075	0-75MM	0.01MM	93MM
211-15-0125	0-125MM	0.01MM	93MM
211-15-0150	0-150MM	0.01MM	93MM

### INSIDE GROOVE CALIPER



ART. NO.	RANGE	READING	A	B	C	D	H	L
211-16-0341	40-340MM	0.02MM	95MM	40MM	5MM	17MM	117MM	410MM
211-16-0342	40-340MM	0.05MM	95MM	40MM	5MM	17MM	117MM	410MM
211-16-0561	60-560MM	0.02MM	150MM	60MM	5MM	25MM	181.5MM	660MM
211-16-0562	60-560MM	0.05MM	150MM	60MM	5MM	25MM	181.5MM	660MM

### INSIDE GROOVE DIGITAL CALIPER



ART. NO.	RANGE	READING	H	H1	B	C	D	T
211-17-0170	20/35-170MM	0.01MM	40/70MM	25/50MM	20/35MM	16MM	1MM/2MM	3MM/6MM
211-17-0225	25/40-225MM	0.01MM	50/80MM	35/60MM	25/40MM	16MM	1MM/2MM	4MM/7MM
211-17-0330	30/50-330MM	0.01MM	60/90MM	45/70MM	30/50MM	17MM	1.5MM/2MM	5MM/9MM



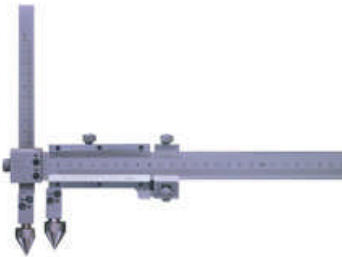


## OUTSIDE GROOVE DIGITAL CALIPER



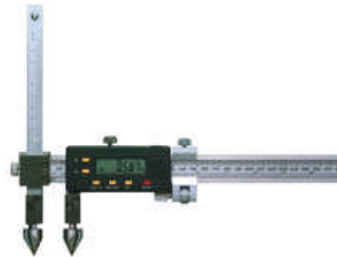
ART. NO.	RANGE	READING	H	D	G	C	T
211-18-0150	0-150MM	0.01MM	40/70MM	1MM/1.5MM	2MM/3MM	16MM	5MM
211-18-0200	0-200MM	0.01MM	50/80MM	1.5MM/2MM	2.5MM/3.5MM	16MM	8MM
211-18-0300	0-300MM	0.01MM	60/90MM	1.5MM/2.5MM	3MM/4MM	17MM	10MM

## HOLE DISTANCE CALIPER



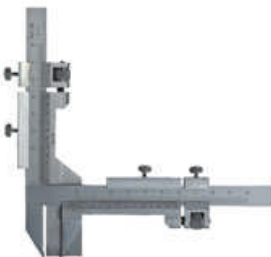
ART. NO.	RANGE	READING
211-19-0150	20-150MM	0.02MM
211-19-0200	20-200MM	0.02MM
211-19-0300	20-300MM	0.02MM
211-19-0500	20-500MM	0.02MM
211-19-1000	20-1000MM	0.02MM
211-19-2000	30-2000MM	0.02MM

## HOLE DISTANCE DIGITAL CALIPER



ART. NO.	RANGE	READING
211-20-0150	20-150MM	0.01MM
211-20-0200	20-200MM	0.01MM
211-20-0300	20-300MM	0.01MM
211-20-0500	20-500MM	0.01MM
211-20-1000	20-1000MM	0.01MM
211-20-2000	30-2000MM	0.01MM

## GEAR TOOTH CALIPER



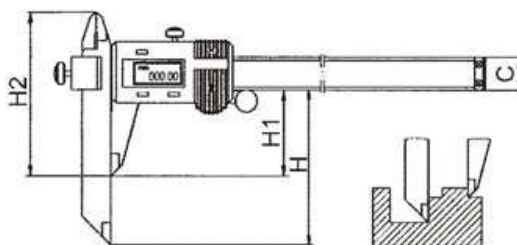
ART. NO.	RANGE	READING
211-21-0018	M1-18	0.02MM
211-21-0026	M1-26	0.02MM
211-21-0055	M15-55	0.02MM

## GEAR TOOTH DIGITAL CALIPER



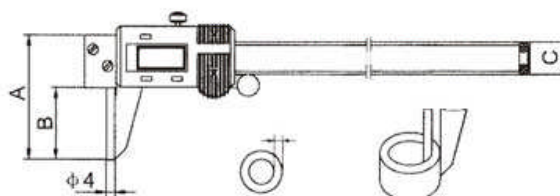
ART. NO.	RANGE	READING
211-22-0025	M1-25	0.01MM
211-22-0050	M5-50	0.01MM

## OFFSET DIGITAL CALIPER



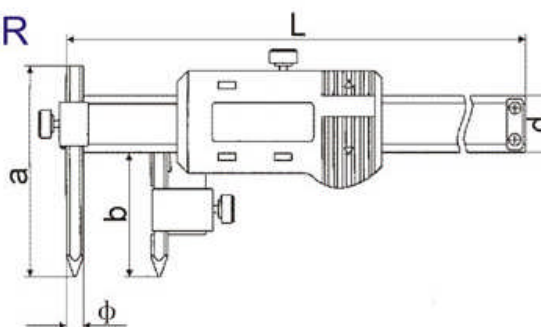
ART. NO.	RANGE	READING	H1	H2	H	C
211-23-0150	150MM	0.01MM	40MM	77MM	73MM	16MM
211-23-0200	200MM	0.01MM	50MM	90.5MM	79.5MM	16MM
211-23-0300	300MM	0.01MM	60MM	102MM	88MM	17MM
211-23-0500	500MM	0.01MM	100MM	169MM	141MM	25MM

## TUBE DIGITAL CALIPER



ART. NO.	RANGE	READING	A	B	C
211-24-0150	150MM	0.01MM	60MM	30MM	16MM
211-24-0200	200MM	0.01MM	70MM	40MM	16MM
211-24-0300	300MM	0.01MM	80MM	50MM	17MM

## CENTRE DISTANCE DIGITAL CALIPER WITH CONICAL POINTS



ART. NO.	RANGE	READING	L	a	b	d	φ
211-25-0151	5-150MM	0.01MM	236MM	60MM	35MM	16MM	5
211-25-0152	10-150MM	0.01MM	236MM	100MM	40MM	16MM	10
211-25-0201	5-200MM	0.01MM	285MM	60MM	35MM	16MM	5
211-25-0202	10-200MM	0.01MM	285MM	100MM	40MM	16MM	10
211-25-0301	5-300MM	0.01MM	385MM	60MM	35MM	16MM	5
211-25-0302	10-300MM	0.01MM	385MM	100MM	40MM	16MM	10
211-25-0501	5-500MM	0.01MM	650MM	80MM	45MM	24MM	5
211-25-1001	10-1000MM	0.01MM	1200MM	100MM	50MM	31MM	10
211-25-1002	20-1000MM	0.01MM	1200MM	110MM	60MM	31MM	20





## DIGITAL UNIT



211-26-0100H Horizontal type



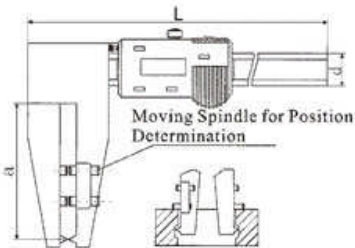
211-26-0100V Vertical type

ART.NO.	ART.NO.	RANGE	READING
211-26-0100H	211-26-0100V	100MM/4"	0.01MM
211-26-0150H	211-26-0150V	150MM/6"	0.01MM
211-26-0200H	211-26-0200V	200MM/8"	0.01MM
211-26-0300H	211-26-0300V	300MM/12"	0.01MM
211-26-0500H	211-26-0500V	500MM/20"	0.01MM
211-26-0600H	211-26-0600V	600MM/24"	0.01MM
211-26-0800H	211-26-0800V	800MM/32"	0.01MM
211-26-1000H	211-26-1000V	1000MM/40"	0.01MM
211-26-1500H	211-26-1500V	1500MM/60"	0.01MM
211-26-2000H	211-26-2000V	2000MM/80"	0.01MM

## DIGITAL BRAKE DRUM GAUGE



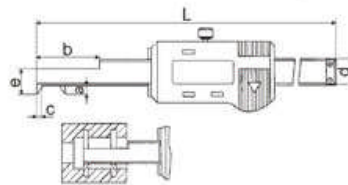
ART. NO.	RANGE	READING	L	a	d
211-27-0300	20-300MM	0.01MM	445MM	85MM	20MM
211-27-0425	20-425MM	0.01MM	570MM	110MM	20MM
211-27-0500	20-500MM	0.01MM	710MM	115MM	24MM



## HOOK TYPE DIGITAL CALIPER



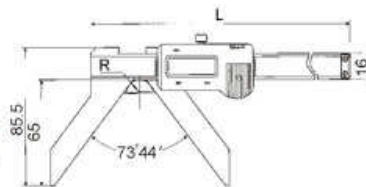
ART. NO.	RANGE	READING	L	a	b	C	D	e
211-28-0125	3-125MM	0.01MM	235MM	4MM	24MM	3MM	12.5MM	12MM
211-28-0200	3-200MM	0.01MM	310MM	4MM	24MM	3MM	12.5MM	12MM
211-28-0300	4-300MM	0.01MM	466MM	5MM	86MM	4MM	15MM	14MM



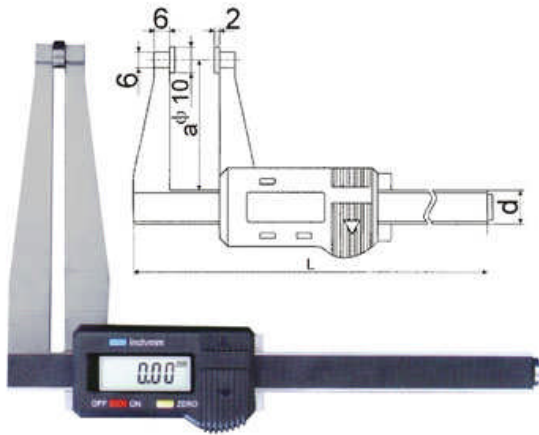
## ARC OUTSIDE DIGITAL CALIPER



ART. NO.	RANGE	READING	L
211-29-0150	3-150MM	0.01MM	288MM
211-29-0200	3-200MM	0.01MM	345MM



## DIGITAL THICKNESS CALIPER



ART. NO.	RANGE	READING	L	a	d
211-30-0051	0-50MM	0.01MM	140MM	50MM	13MM
211-30-0052	0-50MM	0.01MM	140MM	80MM	13MM
211-30-0053	0-50MM	0.01MM	140MM	100MM	13MM
211-30-0054	0-50MM	0.01MM	180MM	150MM	24MM
211-30-0055	0-50MM	0.01MM	180MM	200MM	24MM
211-30-0081	0-80MM	0.01MM	170MM	50MM	13MM
211-30-0082	0-80MM	0.01MM	170MM	80MM	13MM
211-30-0083	0-80MM	0.01MM	170MM	100MM	13MM
211-30-0084	0-80MM	0.01MM	210MM	150MM	24MM
211-30-0085	0-80MM	0.01MM	210MM	200MM	24MM

## PLATE ANVIL DIGITAL CALIPER, WITH FORCE LIMIT DEVICE



ART. NO.	RANGE	READING
211-31-0150	150MM	0.01MM
211-31-0200	200MM	0.01MM
211-31-0300	300MM	0.01MM
211-31-0500	500MM	0.01MM

## UNIVERSAL GROOVE DIGITAL CALIPER



ART. NO.	RANGE	READING
211-32-0125	0-125MM	0.01MM
211-32-0150	0-150MM	0.01MM
211-32-0200	0-200MM	0.01MM
211-32-0300	0-300MM	0.01MM





## Mini OUTSIDE MICROMETER, CHROME-PLATED



ART. NO.	RANGE	READING
213-01-0015	0-15MM	0.01MM

## OUTSIDE MICROMETER, ROUND ARCH FRAME



ART. NO.	ART. NO.	RANGE	READING
213-02-0025	213-03-0025	0-25MM	0.01MM
213-02-0001	213-03-0001	0-1"	0.001"

213-02-0025 Paint-spray    213-03-0025 Chrome-plated

## OUTSIDE MICROMETER



213-04-0025 Paint-spray



213-05-0025 Chrome-plated

ART. NO.	ART. NO.	RANGE	READING
213-04-0025	213-05-0025	0-25MM	0.01MM
213-04-0050	213-05-0050	25-50MM	0.01MM
213-04-0075	213-05-0075	50-75MM	0.01MM
213-04-0100	213-05-0100	75-100MM	0.01MM
213-04-0125	213-05-0125	100-125MM	0.01MM
213-04-0150	213-05-0150	125-150MM	0.01MM
213-04-0175	213-05-0175	150-175MM	0.01MM
213-04-0200	213-05-0200	175-200MM	0.01MM

### INCH SIZE

213-04-0001	213-05-0001	0-1"	0.001"
213-04-0002	213-05-0002	1-2"	0.001"
213-04-0003	213-05-0003	2-3"	0.001"
213-04-0004	213-05-0004	3-4"	0.001"
213-04-0005	213-05-0005	4-5"	0.001"
213-04-0006	213-05-0006	5-6"	0.001"
213-04-0007	213-05-0007	6-7"	0.001"
213-04-0008	213-05-0008	7-8"	0.001"

## μ-READING OUTSIDE MICROMETER, PARALLAX-FREE, CHROME-PLATED



ART. NO.	RANGE	READING
213-06-0025	0-25MM	0.001MM
213-06-0050	25-50MM	0.001MM
213-06-0075	50-75MM	0.001MM
213-06-0100	75-100MM	0.001MM

## OUTSIDE MICROMETER CHROME-PLATED



ART. NO.	RANGE	READING
213-07-0025	0-25MM	0.01MM
213-07-0050	25-50MM	0.01MM
213-07-0075	50-75MM	0.01MM
213-07-0100	75-100MM	0.01MM
213-07-0125	100-125MM	0.01MM
213-07-0150	125-150MM	0.01MM
INCH SIZE		
213-07-0001	0-1"	0.001"
213-07-0002	1-2"	0.001"
213-07-0003	2-3"	0.001"
213-07-0004	3-4"	0.001"
213-07-0005	4-5"	0.001"
213-07-0006	5-6"	0.001"

## OUTSIDE MICROMETER CHROME-PLATED



ART. NO.	RANGE	READING
213-08-0025	0-25MM	0.01MM
213-08-0050	25-50MM	0.01MM
213-08-0075	50-75MM	0.01MM
213-08-0100	75-100MM	0.01MM
INCH SIZE		
213-08-0001	0-1"	0.001"
213-08-0002	1-2"	0.001"
213-08-0003	2-3"	0.001"
213-08-0004	3-4"	0.001"

## OUTSIDE MICROMETER PAINT-SPRAY



ART. NO.	RANGE	READING
213-09-0025	0-25MM	0.01MM
213-09-0050	25-50MM	0.01MM
213-09-0075	50-75MM	0.01MM
213-09-0100	75-100MM	0.01MM
INCH SIZE		
213-09-0001	0-1"	0.001"
213-09-0002	1-2"	0.001"
213-09-0003	2-3"	0.001"
213-09-0004	3-4"	0.001"

## OUTSIDE MICROMETER CHROME-PLATED

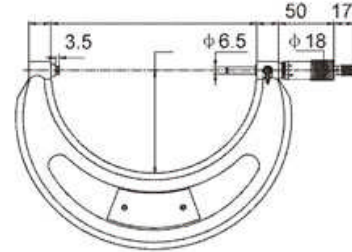


ART. NO.	RANGE	READING
213-10-0025	0-25MM	0.01MM
213-10-0050	25-50MM	0.01MM
213-10-0075	50-75MM	0.01MM
213-10-0100	75-100MM	0.01MM
INCH SIZE		
213-10-0001	0-1"	0.001"
213-10-0002	1-2"	0.001"
213-10-0003	2-3"	0.001"
213-10-0004	3-4"	0.001"





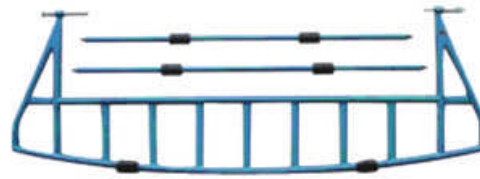
## OUTSIDE MICROMETER, FLAT TYPE



ART. NO.	RANGE	READING
213-11-0125	100-125MM	0.01MM
213-11-0150	125-150MM	0.01MM
213-11-0175	150-175MM	0.01MM
213-11-0200	175-200MM	0.01MM
213-11-0225	200-225MM	0.01MM
213-11-0250	225-250MM	0.01MM
213-11-0275	250-275MM	0.01MM
213-11-0300	275-300MM	0.01MM
213-11-0400	300-400MM	0.01MM
213-11-0500	400-500MM	0.01MM

ART. NO.	RANGE	READING
213-11-0005	4-5"	0.001"
213-11-0006	5-6"	0.001"
213-11-0007	6-7"	0.001"
213-11-0008	7-8"	0.001"
213-11-0009	8-9"	0.001"
213-11-0010	9-10"	0.001"
213-11-0011	10-11"	0.001"
213-11-0012	11-12"	0.001"
213-11-0016	12-16"	0.001"
213-11-0020	16-20"	0.001"

## OUTSIDE MICROMETER WITH ADJUSTABLE ANVIL



ART. NO.	RANGE	READING
213-12-0400	300-400MM	0.01MM
213-12-0500	400-500MM	0.01MM
213-12-0600	500-600MM	0.01MM
213-12-0700	600-700MM	0.01MM
213-12-0800	700-800MM	0.01MM
213-12-0900	800-900MM	0.01MM
213-12-1000	900-1000MM	0.01MM
213-12-1200	1000-1200MM	0.01MM
213-12-1400	1200-1400MM	0.01MM
213-12-1600	1400-1600MM	0.01MM
213-12-1800	1600-1800MM	0.01MM
213-12-2000	1800-2000MM	0.01MM
213-12-2200	2000-2200MM	0.01MM
213-12-2400	2200-2400MM	0.01MM
213-12-2600	2400-2600MM	0.01MM
213-12-2800	2600-2800MM	0.01MM
213-12-3000	2800-3000MM	0.01MM

ART. NO.	RANGE	READING
213-12-0016	12-16"	0.001"
213-12-0020	16-20"	0.001"
213-12-0024	20-24"	0.001"
213-12-0028	24-28"	0.001"
213-12-0032	28-32"	0.001"
213-12-0036	32-36"	0.001"
213-12-0040	36-40"	0.001"
213-12-0048	40-48"	0.001"
213-12-0056	48-56"	0.001"
213-12-0064	56-64"	0.001"
213-12-0072	64-72"	0.001"
213-12-0080	72-80"	0.001"
213-12-0088	80-88"	0.001"
213-12-0096	88-96"	0.001"
213-12-0104	96-104"	0.001"
213-12-0112	104-112"	0.001"
213-12-0120	112-120"	0.001"

## COUNTER OUTSIDE MICROMETER, PAINT-SPRAY



ART. NO.	RANGE	READING
213-13-0025	0-25MM	0.01MM
213-13-0050	25-50MM	0.01MM
213-13-0075	50-75MM	0.01MM
213-13-0100	75-100MM	0.01MM
INCH SIZE		
213-13-0001	0-1"	0.001"
213-13-0002	1-2"	0.001"
213-13-0003	2-3"	0.001"
213-13-0004	3-4"	0.001"

## $\mu$ -COUNTER OUTSIDE MICROMETER, PARALLAX-FREE, PAINT-SPRAY



ART. NO.	RANGE	READING
213-14-0025	0-25MM	0.001MM
213-14-0050	25-50MM	0.001MM
213-14-0075	50-75MM	0.001MM
213-14-0100	75-100MM	0.001MM
INCH SIZE		
213-14-0001	0-1"	0.0001"
213-14-0002	1-2"	0.0001"
213-14-0003	2-3"	0.0001"
213-14-0004	3-4"	0.0001"

## $\mu$ -COUNTER OUTSIDE MICROMETER, PARALLAX-FREE, CHROME-PLATED



ART. NO.	RANGE	READING
213-15-0025	0-25MM	0.001MM
INCH SIZE		
213-15-0001	0-1"	0.0001"





## ELECTRONIC DIGITAL MICROMETER, 5 -BUTTONS, WATER-PROOF IP54



ART. NO.	RANGE	READING
213-16-0025	0-25MM/0-1"	0.001MM/0.00005"
213-16-0050	25-50MM/1-2"	0.001MM/0.00005"
213-16-0075	50-75MM/2-3"	0.001MM/0.00005"
213-16-0100	75-100MM/3-4"	0.001MM/0.00005"
213-16-0125	100-125MM/4-5"	0.001MM/0.00005"
213-16-0150	125-150MM/5-6"	0.001MM/0.00005"
213-16-0175	150-175MM/6-7"	0.001MM/0.00005"
213-16-0200	175-200MM/7-8"	0.001MM/0.00005"

## ELECTRONIC DIGITAL MICROMETER, WATER-PROOF IP54



ART. NO.	RANGE	READING
213-17-0025	0-25MM/0-1"	0.001MM/0.00005"
213-17-0050	25-50MM/1-2"	0.001MM/0.00005"
213-17-0075	50-75MM/2-3"	0.001MM/0.00005"
213-17-0100	75-100MM/3-4"	0.001MM/0.00005"
213-17-0125	100-125MM/4-5"	0.001MM/0.00005"
213-17-0150	125-150MM/5-6"	0.001MM/0.00005"
213-17-0175	150-175MM/6-7"	0.001MM/0.00005"
213-17-0200	175-200MM/7-8"	0.001MM/0.00005"
213-17-0225	200-225MM/8-9"	0.001MM/0.00005"
213-17-0250	225-250MM/9-10"	0.001MM/0.00005"
213-17-0275	250-275MM/10-11"	0.001MM/0.00005"
213-17-0300	275-300MM/11-12"	0.001MM/0.00005"

## ELECTRONIC DIGITAL MICROMETER



ART. NO.	RANGE	READING
213-18-0025	0-25MM/0-1"	0.001MM/0.00005"
213-18-0050	25-50MM/1-2"	0.001MM/0.00005"
213-18-0075	50-75MM/2-3"	0.001MM/0.00005"
213-18-0100	75-100MM/3-4"	0.001MM/0.00005"

## ELECTRONIC DIGITAL MICROMETER



ART. NO.	RANGE	READING
213-19-0025	0-25MM/0-1"	0.001MM/0.00005"
213-19-0050	25-50MM/1-2"	0.001MM/0.00005"
213-19-0075	50-75MM/2-3"	0.001MM/0.00005"
213-19-0100	75-100MM/3-4"	0.001MM/0.00005"

## ELECTRONIC DIGITAL MICROMETER



ART. NO.	RANGE	READING
213-20-0025	0-25MM/0-1"	0.001MM/0.00005"
213-20-0050	25-50MM/1-2"	0.001MM/0.00005"
213-20-0075	50-75MM/2-3"	0.001MM/0.00005"
213-20-0100	75-100MM/3-4"	0.001MM/0.00005"

## ELECTRONIC DIGITAL MICROMETER



ART. NO.	RANGE	READING
213-21-0025	0-25MM/0-1"	0.001MM/0.00005"
213-21-0050	25-50MM/1-2"	0.001MM/0.00005"
213-21-0075	50-75MM/2-3"	0.001MM/0.00005"
213-21-0100	75-100MM/3-4"	0.001MM/0.00005"

## ELECTRONIC DIGITAL MICROMETER, METAL-COVER LCD



ART. NO.	RANGE	READING
213-22-0025	0-25MM/0-1"	0.001MM/0.00005"

## DOUBLE DISPLAY DIGITAL MICROMETER, IP54



ART. NO.	RANGE	READING
213-23-0030	0-30MM/0-1.2"	0.001MM/0.00005"
213-23-0050	20-50MM/0.8-2"	0.001MM/0.00005"
213-23-0075	45-75MM/1.8-3"	0.001MM/0.00005"
213-23-0100	70-100MM/2.8-4"	0.001MM/0.00005"
213-23-0125	95-125MM/3.8-5"	0.001MM/0.00005"
213-23-0150	120-150MM/4.8-6"	0.001MM/0.00005"
213-23-0175	145-175MM/5.8-7"	0.001MM/0.00005"
213-23-0200	170-200MM/6.8-8"	0.001MM/0.00005"
213-23-0225	195-225MM/7.8-9"	0.001MM/0.00005"
213-23-0250	220-250MM/8.8-10"	0.001MM/0.00005"
213-23-0275	245-275MM/9.8-11"	0.001MM/0.00005"
213-23-0300	270-300MM/10.8-12"	0.001MM/0.00005"





## INSIDE MICROMETER



ART. NO.	RANGE	READING
215-01-0030	5-30MM	0.01MM
215-01-0050	25-50MM	0.01MM
215-01-0075	50-75MM	0.01MM
215-01-0100	75-100MM	0.01MM
215-01-0125	100-125MM	0.01MM
215-01-0150	125-150MM	0.01MM
215-01-0175	150-175MM	0.01MM
215-01-0200	175-200MM	0.01MM
215-01-0225	200-225MM	0.01MM
215-01-0250	225-250MM	0.01MM
215-01-0275	250-275MM	0.01MM
215-01-0300	275-300MM	0.01MM



ART. NO.	RANGE	READING
215-01-0001	0.2-1.2"	0.001"
215-01-0002	1-2"	0.001"
215-01-0003	2-3"	0.001"
215-01-0004	3-4"	0.001"
215-01-0005	4-5"	0.001"
215-01-0006	5-6"	0.001"
215-01-0007	6-7"	0.001"
215-01-0008	7-8"	0.001"
215-01-0009	8-9"	0.001"
215-01-0010	9-10"	0.001"
215-01-0011	10-11"	0.001"
215-01-0012	11-12"	0.001"

## ELECTRONIC DIGITAL INSIDE MICROMETER



ART. NO.	RANGE	READING
215-02-0030	5-30MM/0.2-1.2"	0.001MM/0.00005"
215-02-0050	25-50MM/1-2"	0.001MM/0.00005"
215-02-0075	50-75MM/2-3"	0.001MM/0.00005"
215-02-0100	75-100MM/3-4"	0.001MM/0.00005"
215-02-0125	100-125MM/4-5"	0.001MM/0.00005"
215-02-0150	125-150MM/5-6"	0.001MM/0.00005"
215-02-0175	150-175MM/6-7"	0.001MM/0.00005"
215-02-0200	175-200MM/7-8"	0.001MM/0.00005"

## TWO-HEAD INSIDE MICROMETER



ART. NO.	RANGE	READING
215-03-0030	5-30MM	0.01MM
	30-55MM	
INCH SIZE		
215-03-0001	0.2-1.2"	0.001"
	1.2-2.2"	

## DEPTH MICROMETER



ART. NO.	RANGE	READING
215-04-0025	0-25MM	0.01MM
215-04-0050	0-50MM	0.01MM
215-04-0100	0-100MM	0.01MM
215-04-0150	0-150MM	0.01MM
215-04-0200	0-200MM	0.01MM
215-04-0300	0-300MM	0.01MM
INCH SIZE		
215-04-0001	0-1"	0.001"
215-04-0002	0-2"	0.001"
215-04-0003	0-4"	0.001"
215-04-0004	0-6"	0.001"
215-04-0005	0-8"	0.001"
215-04-0006	0-12"	0.001"

## ELECTRONIC DIGITAL DEPTH MICROMETER



ART. NO.	RANGE	READING
215-05-0025	0-25MM/0-1"	0.001MM/0.00005"
215-05-0050	0-50MM/0-2"	0.001MM/0.00005"
215-05-0100	0-100MM/0-4"	0.001MM/0.00005"
215-05-0150	0-150MM/0-6"	0.001MM/0.00005"
215-05-0200	0-200MM/0-8"	0.001MM/0.00005"
215-05-0300	0-300MM/0-12"	0.001MM/0.00005"

## INDICATING MICROMETER



ART. NO.	RANGE	READING
215-06-0025	0-25MM	0.001MM
215-06-0050	25-50MM	0.001MM
215-06-0075	50-75MM	0.001MM
215-06-0100	75-100MM	0.001MM
INCH SIZE		
215-06-0001	0-1"	0.0001"
215-06-0002	1-2"	0.0001"
215-06-0003	2-3"	0.0001"
215-06-0004	3-4"	0.0001"

## WIRE MICROMETER



ART. NO.	RANGE	READING
215-07-0010	0-10MM	0.01MM
INCH SIZE		
215-07-0001	0-0.4"	0.001"



## INTERNAL MICROMETER



ART. NO.	RANGE	READING
215-08-0063	50-63MM	0.01MM
215-08-0150	50-150MM	0.01MM
215-08-0250	50-250MM	0.01MM
215-08-0600	50-600MM	0.01MM
215-08-1000	50-1000MM	0.01MM
215-08-1500	50-1500MM	0.01MM
215-08-1250	150-1250MM	0.01MM
215-08-1400	150-1400MM	0.01MM
215-08-2100	150-2100MM	0.01MM
215-08-4000	1250-4000MM	0.01MM
215-08-6001	250-6000MM	0.01MM
215-08-6002	2500-6000MM	0.01MM
215-08-8001	250-8000MM	0.01MM
215-08-8002	2500-8000MM	0.01MM

ART. NO.	RANGE	READING
215-08-0001	2-2.5"	0.001"
215-08-0002	2-6"	0.001"
215-08-0003	2-10"	0.001"
215-08-0004	2-24"	0.001"
215-08-0005	2-40"	0.001"
215-08-0006	2-60"	0.001"
215-08-0007	6-50"	0.001"
215-08-0008	6-56"	0.001"
215-08-0009	6-84"	0.001"
215-08-0010	50-160"	0.001"
215-08-0011	10-240"	0.001"
215-08-0012	100-240"	0.001"
215-08-0013	10-320"	0.001"
215-08-0014	100-320"	0.001"

## LEFT & RIGHT HAND MICROMETER



ART. NO.	RANGE	READING
215-09-0025	0-25MM	0.01MM
215-09-0050	25-50MM	0.01MM
215-09-0075	50-75MM	0.01MM
215-09-0100	75-100MM	0.01MM
215-09-0125	100-125MM	0.01MM
215-09-0150	125-150MM	0.01MM
215-09-0175	150-175MM	0.01MM
215-09-0200	175-200MM	0.01MM
INCH SIZE		
215-09-0001	0-1"	0.001"
215-09-0002	1-2"	0.001"
215-09-0003	2-3"	0.001"
215-09-0004	3-4"	0.001"
215-09-0005	4-5"	0.001"
215-09-0006	5-6"	0.001"
215-09-0007	6-7"	0.001"
215-09-0008	7-8"	0.001"



## MICROMETER WITH INTERCHANGEABLE ANVILS



215-10-0050 STEEL-PLATE FRAME



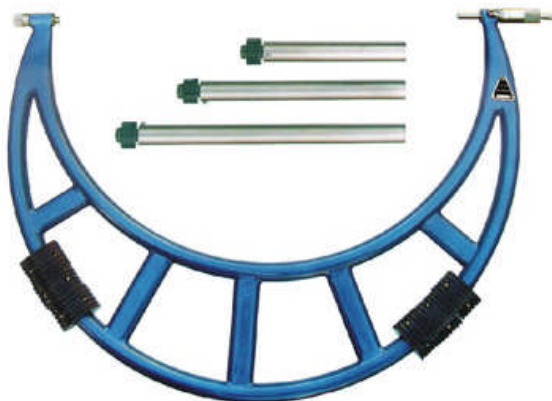
215-10-0050F FINE CAST FRAME

ART. NO.	ART. NO.	RANGE	READING
215-10-0050	215-10-0050F	0-50MM	0.01MM
215-10-0101	215-10-0101F	50-100MM	0.01MM
215-10-0102	215-10-0102F	0-100MM	0.01MM
215-10-0200	215-10-0200F	100-200MM	0.01MM
215-10-0150	215-10-0150F	0-150MM	0.01MM
215-10-0301	215-10-0301F	150-300MM	0.01MM
215-10-0302	215-10-0302F	200-300MM	0.01MM

### INCH SIZE

215-10-0001	215-10-0001F	0-2"	0.001"
215-10-0002	215-10-0002F	2-4"	0.001"
215-10-0003	215-10-0003F	0-4"	0.001"
215-10-0004	215-10-0004F	4-8"	0.001"
215-10-0005	215-10-0005F	0-6"	0.001"
215-10-0006	215-10-0006F	6-12"	0.001"
215-10-0007	215-10-0007F	8-12"	0.001"

## MICROMETER WITH INTERCHANGEABLE ANVILS



ART. NO.	RANGE	READING
215-11-0400	300-400MM	0.01MM
215-11-0500	400-500MM	0.01MM
215-11-0600	500-600MM	0.01MM
215-11-0700	600-700MM	0.01MM
215-11-0800	700-800MM	0.01MM
215-11-0900	800-900MM	0.01MM
215-11-1000	900-1000MM	0.01MM
215-11-0450	300-450MM	0.01MM
215-11-0601	450-600MM	0.01MM
215-11-0750	600-750MM	0.01MM
215-11-0901	750-900MM	0.01MM
215-11-1050	900-1050MM	0.01MM

### INCH SIZE

215-11-0001	12-16"	0.001"
215-11-0002	16-20"	0.001"
215-11-0003	20-24"	0.001"
215-11-0004	24-28"	0.001"
215-11-0005	28-32"	0.001"
215-11-0006	32-36"	0.001"
215-11-0007	36-40"	0.001"
215-11-0008	12-18"	0.001"
215-11-0009	18-24"	0.001"
215-11-0010	24-30"	0.001"
215-11-0011	30-36"	0.001"
215-11-0012	36-42"	0.001"



## ELECTRONIC DIGITAL MICROMETER WITH INTERCHANGEABLE ANVILS



215-12-0050 STEEL PLATE FRAME



215-12-0050F FINE CAST FRAME

ART. NO.	ART. NO.	RANGE	READING
215-12-0050	215-12-0050F	0-50MM/0-2"	0.001MM/0.00005"
215-12-0101	215-12-0101F	50-100MM/2-4"	0.001MM/0.00005"
215-12-0102	215-12-0102F	0-100MM/0-4"	0.001MM/0.00005"
215-12-0150	215-12-0150F	0-150MM/0-6"	0.001MM/0.00005"
215-12-0200	215-12-0200F	100-200MM/4-8"	0.001MM/0.00005"
215-12-0301	215-12-0301F	150-300MM/6-12"	0.001MM/0.00005"
215-12-0302	215-12-0302F	200-300MM/8-12"	0.001MM/0.00005"

## MICROMETER WITH DIAL INDICATOR



ART. NO.	RANGE	READING
215-13-0025	0-25MM	0.01MM
215-13-0050	25-50MM	0.01MM
215-13-0075	50-75MM	0.01MM
215-13-0100	75-100MM	0.01MM
215-13-0125	100-125MM	0.01MM
215-13-0150	125-150MM	0.01MM
215-13-0175	150-175MM	0.01MM
INCH SIZE		
215-13-0001	0-1"	0.0001"
215-13-0002	1-2"	0.0001"
215-13-0003	2-3"	0.0001"
215-13-0004	3-4"	0.0001"
215-13-0005	4-5"	0.0001"
215-13-0006	5-6"	0.0001"
215-13-0007	6-7"	0.0001"

## SLIDE ANVIL MICROMETER WITH DIAL INDICATOR



ART. NO.	RANGE	READING
215-14-0100	0-100MM	0.01MM
215-14-0200	100-200MM	0.01MM
215-14-0300	200-300MM	0.01MM
215-14-0400	300-400MM	0.01MM
215-14-0500	400-500MM	0.01MM
215-14-0600	500-600MM	0.01MM
215-14-0700	600-700MM	0.01MM
215-14-0800	700-800MM	0.01MM
215-14-0900	800-900MM	0.01MM
215-14-1000	900-1000MM	0.01MM
INCH SIZE		
215-14-0001	0-4"	0.0001"
215-14-0002	4-8"	0.0001"
215-14-0003	8-12"	0.0001"
215-14-0004	12-16"	0.0001"
215-14-0005	16-20"	0.0001"
215-14-0006	20-24"	0.0001"
215-14-0007	24-28"	0.0001"
215-14-0008	28-32"	0.0001"
215-14-0009	32-36"	0.0001"
215-14-0010	36-40"	0.0001"



## THREE-POINTS INTERNAL MICROMETER



ART. NO.	RANGE	READING
215-15-0001	6-8MM	0.001MM
215-15-0002	8-10MM	0.001MM
215-15-0003	10-12MM	0.001MM
215-15-0004	11-14MM	0.005MM
215-15-0005	14-17MM	0.005MM
215-15-0006	17-20MM	0.005MM
215-15-0007	20-25MM	0.005MM
215-15-0008	25-30MM	0.005MM
215-15-0009	30-35MM	0.005MM
215-15-0010	35-40MM	0.005MM
215-15-0011	40-50MM	0.005MM
215-15-0012	50-60MM	0.005MM
215-15-0013	60-70MM	0.005MM
215-15-0014	70-80MM	0.005MM
215-15-0015	80-90MM	0.005MM
215-15-0016	90-100MM	0.005MM
<b>FOLLOW SIZE WITHOUT SETTING RING</b>		
215-15-0017	100-125MM	0.005MM
215-15-0018	125-150MM	0.005MM
215-15-0019	150-175MM	0.005MM
215-15-0020	175-200MM	0.005MM
215-15-0021	200-225MM	0.005MM
215-15-0022	225-250MM	0.005MM
215-15-0023	250-275MM	0.005MM
215-15-0024	275-300MM	0.005MM
<b>SET</b>		
215-15-6-12	6-12MM	0.001MM
215-15-11-20	11-20MM	0.005MM
215-15-20-40	20-40MM	0.005MM
215-15-40-100	40-100MM	0.005MM

ART. NO.	RANGE	READING
215-15-0025	0.275-0.35"	0.0001"
215-15-0026	0.35-0.425"	0.0001"
215-15-0027	0.425-0.5"	0.0001"
215-15-0028	0.5-0.65"	0.0002"
215-15-0029	0.65-0.8"	0.0002"
215-15-0030	0.8-1"	0.0002"
215-15-0031	1-1.2"	0.0002"
215-15-0032	1.2-1.6"	0.0002"
215-15-0033	1.6-2"	0.0002"
215-15-0034	2-2.5"	0.0002"
215-15-0035	2.5-3"	0.0002"
215-15-0036	3-3.5"	0.0002"
215-15-0037	3.5-4"	0.0002"
<b>FOLLOW SIZE WITHOUT SETTING RING</b>		
215-15-0038	4-5"	0.0002"
215-15-0039	5-6"	0.0002"
215-15-0040	6-7"	0.0002"
215-15-0041	7-8"	0.0002"
215-15-0042	8-9"	0.0002"
215-15-0043	9-10"	0.0002"
215-15-0044	10-11"	0.0002"
215-15-0045	11-12"	0.0002"
<b>SET</b>		
215-15-0046	0.275-0.5"	0.0001"
215-15-0047	0.5-0.8"	0.0002"
215-15-0048	0.8-1.6"	0.0002"
215-15-0049	1.6-4"	0.0002"





## ELECTRONIC DIGITAL THREE-POINTS INTERNAL MICROMETER



### THREE-POINTS BORE GAUGE PISTOL TYPE



ART. NO.	RANGE	READING
215-16-0001	6-8MM/0.275-0.35"	0.001MM/0.0001"
215-16-0002	8-10MM/0.35-0.425"	0.001MM/0.0001"
215-16-0003	10-12MM/0.425-0.5"	0.001MM/0.0001"
215-16-0004	12-16MM/0.5-0.65"	0.001MM/0.0001"
215-16-0005	16-20MM/0.65-0.8"	0.001MM/0.0001"
215-16-0006	20-25MM/0.8-1"	0.001MM/0.0001"
215-16-0007	25-30MM/1-1.2"	0.001MM/0.0001"
215-16-0008	30-40MM/1.2-1.6"	0.001MM/0.0001"
215-16-0009	40-50MM/1.6-2"	0.001MM/0.0001"
215-16-0010	50-63MM/2-2.5"	0.001MM/0.0001"
215-16-0011	62-75MM/2.5-3"	0.001MM/0.0001"
215-16-0012	75-88MM/3-3.5"	0.001MM/0.0001"
215-16-0013	87-100MM/3.5-4"	0.001MM/0.0001"
<b>FOLLOW SIZE WITHOUT SETTING RING</b>		
215-16-0014	100-125MM/4-5"	0.001MM/0.0001"
215-16-0015	125-150MM/5-6"	0.001MM/0.0001"
215-16-0016	150-175MM/6-7"	0.001MM/0.0001"
215-16-0017	175-200MM/7-8"	0.001MM/0.0001"
215-16-0018	200-225MM/8-9"	0.001MM/0.0001"
215-16-0019	225-250MM/9-10"	0.001MM/0.0001"
215-16-0020	250-275MM/10-11"	0.001MM/0.0001"
215-16-0021	275-300MM/11-12"	0.001MM/0.0001"
<b>SET</b>		
215-16-6-12	6-12MM/0.275-0.5"	0.001MM/0.0001"
215-16-12-20	12-20MM/0.5-0.8"	0.001MM/0.0001"
215-16-20-50	20-50MM/0.8-2"	0.001MM/0.0001"
215-16-50-100	50-100MM/2-4"	0.001MM/0.0001"

ART. NO.	RANGE	READING
215-17-0001	6-8MM/0.275-0.35"	0.001MM/0.0001"
215-17-0002	8-10MM/0.35-0.425"	0.001MM/0.0001"
215-17-0003	10-12MM/0.425-0.5"	0.001MM/0.0001"
215-17-0004	12-16MM/0.5-0.65"	0.001MM/0.0001"
215-17-0005	16-20MM/0.65-0.8"	0.001MM/0.0001"
215-17-0006	20-25MM/0.8-1"	0.001MM/0.0001"
215-17-0007	25-30MM/1-1.2"	0.001MM/0.0001"
215-17-0008	30-40MM/1.2-1.6"	0.001MM/0.0001"
215-17-0009	40-50MM/1.6-2"	0.001MM/0.0001"
215-17-0010	50-63MM/2-2.5"	0.001MM/0.0001"
215-17-0011	62-75MM/2.5-3"	0.001MM/0.0001"
215-17-0012	75-88MM/3-3.5"	0.001MM/0.0001"
215-17-0013	87-100MM/3.5-4"	0.001MM/0.0001"
215-17-0014	100-125MM/4-5"	0.001MM/0.0001"
215-17-0015	125-150MM/5-6"	0.001MM/0.0001"
215-17-0016	150-175MM/6-7"	0.001MM/0.0001"
215-17-0017	175-200MM/7-8"	0.001MM/0.0001"
215-17-0018	200-225MM/8-9"	0.001MM/0.0001"
215-17-0019	225-250MM/9-10"	0.001MM/0.0001"
215-17-0020	250-275MM/10-11"	0.001MM/0.0001"
215-17-0021	275-300MM/11-12"	0.001MM/0.0001"

## DISK FACE MICROMETER



ART. NO.	RANGE	READING
215-18-0025	0-25MM	0.01MM
215-18-0050	25-50MM	0.01MM
215-18-0075	50-75MM	0.01MM
215-18-0100	75-100MM	0.01MM
215-18-0125	100-125MM	0.01MM
215-18-0150	125-150MM	0.01MM
215-18-0175	150-175MM	0.01MM
215-18-0200	175-200MM	0.01MM
INCH SIZE		
215-18-0001	0-1"	0.001"
215-18-0002	1-2"	0.001"
215-18-0003	2-3"	0.001"
215-18-0004	3-4"	0.001"
215-18-0005	4-5"	0.001"
215-18-0006	5-6"	0.001"
215-18-0007	6-7"	0.001"
215-18-0008	7-8"	0.001"

## TUBE MICROMETER



ART. NO.	RANGE	READING
215-20-0025	0-25MM	0.01MM
215-20-0050	25-50MM	0.01MM
215-20-0075	50-75MM	0.01MM
215-20-0100	75-100MM	0.01MM
INCH SIZE		
215-20-0001	0-1"	0.001"
215-20-0002	1-2"	0.001"
215-20-0003	2-3"	0.001"
215-20-0004	3-4"	0.001"

## ELECTRONIC DIGITAL DISK FACE MICROMETER



ART. NO.	RANGE	READING
215-19-0025	0-25MM/0-1"	0.001MM/0.00005"
215-19-0050	25-50MM/1-2"	0.001MM/0.00005"
215-19-0075	50-75MM/2-3"	0.001MM/0.00005"
215-19-0100	75-100MM/3-4"	0.001MM/0.00005"
215-19-0125	100-125MM/4-5"	0.001MM/0.00005"
215-19-0150	125-150MM/5-6"	0.001MM/0.00005"
215-19-0175	150-175MM/6-7"	0.001MM/0.00005"
215-19-0200	175-200MM/7-8"	0.001MM/0.00005"

## ELECTRONIC DIGITAL TUBE MICROMETER

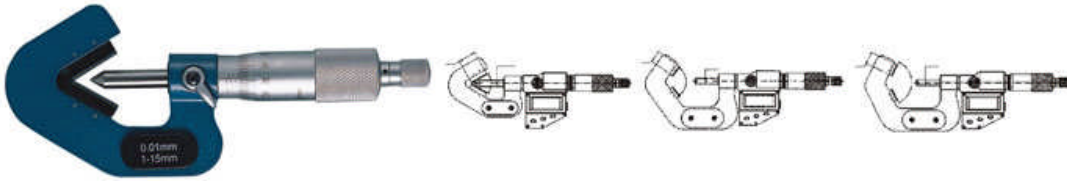


ART. NO.	RANGE	READING
215-21-0025	0-25MM/0-1"	0.001MM/0.00005"
215-21-0050	25-50MM/1-2"	0.001MM/0.00005"
215-21-0075	50-75MM/2-3"	0.001MM/0.00005"
215-21-0100	75-100MM/3-4"	0.001MM/0.00005"





## V-ANVIL MICROMETER



3 FLUTE SERIES		
ART. NO.	RANGE	READING
215-22-3015	1-15MM	0.01MM
215-22-3020	5-20MM	0.01MM
215-22-3035	20-35MM	0.01MM
215-22-3050	35-50MM	0.01MM
215-22-3065	50-65MM	0.01MM
215-22-3080	65-80MM	0.01MM
215-22-3095	80-95MM	0.01MM

5 FLUTE SERIES		
ART. NO.	RANGE	READING
215-22-5025	5-25MM	0.01MM
215-22-5045	25-45MM	0.01MM
215-22-5065	45-65MM	0.01MM
215-22-5085	65-85MM	0.01MM
215-22-5105	85-105MM	0.01MM

7 FLUTE SERIES		
ART. NO.	RANGE	READING
215-22-7025	5-25MM	0.01MM
215-22-7045	25-45MM	0.01MM
215-22-7065	45-65MM	0.01MM
215-22-7085	65-85MM	0.01MM

3 FLUTE SERIES		
ART. NO.	RANGE	READING
215-22-3001	0.04-0.6"	0.001"
215-22-3002	0.2-0.8"	0.001"
215-22-3003	0.8-1.4"	0.001"
215-22-3004	1.4-2.0"	0.001"
215-22-3005	2.0-2.6"	0.001"
215-22-3006	2.6-3.2"	0.001"
215-22-3007	3.2-3.8"	0.001"

5 FLUTE SERIES		
ART. NO.	RANGE	READING
215-22-5008	0.2-1.0"	0.001"
215-22-5009	1.0-1.8"	0.001"
215-22-5010	1.8-2.6"	0.001"
215-22-5011	2.6-3.4"	0.001"
215-22-5012	3.4-4.2"	0.001"

7 FLUTE SERIES		
ART. NO.	RANGE	READING
215-22-7013	0.2-1.0"	0.001"
215-22-7014	1.0-1.8"	0.001"
215-22-7015	1.8-2.6"	0.001"
215-22-7016	2.6-3.4"	0.001"

## ELECTRONIC DIGITAL V-ANVIL MICROMETER



3 FLUTE SERIES		
ART. NO.	RANGE	READING
215-23-3015	1-15MM/0.04-0.6"	0.001MM/0.00005"
215-23-3020	5-20MM/0.2-0.8"	0.001MM/0.00005"
215-23-3035	20-35MM/0.8-1.4"	0.001MM/0.00005"
215-23-3050	35-50MM/1.4-2.0"	0.001MM/0.00005"
215-23-3065	50-65MM/2.0-2.6"	0.001MM/0.00005"
215-23-3080	65-80MM/2.6-3.2"	0.001MM/0.00005"
215-23-3095	80-95MM/3.2-3.8"	0.001MM/0.00005"

5 FLUTE SERIES		
ART. NO.	RANGE	READING
215-23-5025	5-25MM/0.2-1.0"	0.001MM/0.00005"
215-23-5045	25-45MM/1.0-1.8"	0.001MM/0.00005"
215-23-5065	45-65MM/1.8-2.6"	0.001MM/0.00005"
215-23-5085	65-85MM/2.6-3.4"	0.001MM/0.00005"
215-23-5105	85-105MM/3.4-4.2"	0.001MM/0.00005"

7 FLUTE SERIES		
ART. NO.	RANGE	READING
215-23-7025	5-25MM/0.2-1.0"	0.001MM/0.00005"
215-23-7045	25-45MM/1.0-1.8"	0.001MM/0.00005"
215-23-7065	45-65MM/1.8-2.6"	0.001MM/0.00005"
215-23-7085	65-85MM/2.6-3.4"	0.001MM/0.00005"



### SMALL FACE MICROMETER



ART. NO.	RANGE	READING
215-24-0025	0-25MM	0.01MM
215-24-0050	25-50MM	0.01MM
215-24-0075	50-75MM	0.01MM
215-24-0100	75-100MM	0.01MM
215-24-0125	100-125MM	0.01MM
215-24-0150	125-150MM	0.01MM
215-24-0175	150-175MM	0.01MM
INCH SIZE		
215-24-0001	0-1"	0.001"
215-24-0002	1-2"	0.001"
215-24-0003	2-3"	0.001"
215-24-0004	3-4"	0.001"
215-24-0005	4-5"	0.001"
215-24-0006	5-6"	0.001"
215-24-0007	6-7"	0.001"

### BLADE MICROMETER



ART. NO.	RANGE	READING
215-26-0025	0-25MM	0.01MM
215-26-0050	25-50MM	0.01MM
215-26-0075	50-75MM	0.01MM
215-26-0100	75-100MM	0.01MM
215-26-0125	100-125MM	0.01MM
215-26-0150	125-150MM	0.01MM
215-26-0175	150-175MM	0.01MM
INCH SIZE		
215-26-0001	0-1"	0.001"
215-26-0002	1-2"	0.001"
215-26-0003	2-3"	0.001"
215-26-0004	3-4"	0.001"
215-26-0005	4-5"	0.001"
215-26-0006	5-6"	0.001"
215-26-0007	6-7"	0.001"

### ELECTRONIC DIGITAL SMALL FACE MICROMETER



ART. NO.	RANGE	READING
215-25-0025	0-25MM/0-1"	0.001MM/0.00005"
215-25-0050	25-50MM/1-2"	0.001MM/0.00005"
215-25-0075	50-75MM/2-3"	0.001MM/0.00005"
215-25-0100	75-100MM/3-4"	0.001MM/0.00005"
215-25-0125	100-125MM/4-5"	0.001MM/0.00005"
215-25-0150	125-150MM/5-6"	0.001MM/0.00005"
215-25-0175	150-175MM/6-7"	0.001MM/0.00005"

### ELECTRONIC DIGITAL BLADE MICROMETER



ART. NO.	RANGE	READING
215-27-0025	0-25MM/0-1"	0.001MM/0.00005"
215-27-0050	25-50MM/1-2"	0.001MM/0.00005"
215-27-0075	50-75MM/2-3"	0.001MM/0.00005"
215-27-0100	75-100MM/3-4"	0.001MM/0.00005"
215-27-0125	100-125MM/4-5"	0.001MM/0.00005"
215-27-0150	125-150MM/5-6"	0.001MM/0.00005"
215-27-0175	150-175MM/6-7"	0.001MM/0.00005"



## POINT MICROMETER



ART. NO.	RANGE	READING
215-28-0025	0-25MM	0.01MM
215-28-0050	25-50MM	0.01MM
215-28-0075	50-75MM	0.01MM
215-28-0100	75-100MM	0.01MM
INCH SIZE		
215-28-0001	0-1"	0.001"
215-28-0002	1-2"	0.001"
215-28-0003	2-3"	0.001"
215-28-0004	3-4"	0.001"

## SINGLE POINT MICROMETER



ART. NO.	RANGE	READING
215-30-0025	0-25MM	0.01MM
215-30-0050	25-50MM	0.01MM
215-30-0075	50-75MM	0.01MM
215-30-0100	75-100MM	0.01MM
INCH SIZE		
215-30-0001	0-1"	0.001"
215-30-0002	1-2"	0.001"
215-30-0003	2-3"	0.001"
215-30-0004	3-4"	0.001"

## ELECTRONIC DIGITAL POINT MICROMETER



ART. NO.	RANGE	READING
215-29-0025	0-25MM/0-1"	0.001MM/0.00005"
215-29-0050	25-50MM/1-2"	0.001MM/0.00005"
215-29-0075	50-75MM/2-3"	0.001MM/0.00005"
215-29-0100	75-100MM/3-4"	0.001MM/0.00005"

## ELECTRONIC DIGITAL SINGLE POINT MICROMETER



ART. NO.	RANGE	READING
215-31-0025	0-25MM/0-1"	0.001MM/0.00005"
215-31-0050	25-50MM/1-2"	0.001MM/0.00005"
215-31-0075	50-75MM/2-3"	0.001MM/0.00005"
215-31-0100	75-100MM/3-4"	0.001MM/0.00005"

## LARGE ANVIL MICROMETER



ART. NO.	RANGE	READING
215-32-0025	0-25MM	0.01MM
215-32-0050	25-50MM	0.01MM
INCH SIZE		
215-32-0001	0-1"	0.001"
215-32-0002	1-2"	0.001"

## ELECTRONIC DIGITAL LARGE ANVIL MICROMETER



ART. NO.	RANGE	READING
215-33-0025	0-25MM/0-1"	0.001MM/0.00005"
215-33-0050	25-50MM/1-2"	0.001MM/0.00005"



### JAW TYPE MICROMETER



ART. NO.	RANGE	READING
215-34-0025	0-25MM	0.01MM
215-34-0050	25-50MM	0.01MM
215-34-0075	50-75MM	0.01MM
215-34-0100	75-100MM	0.01MM
215-34-0125	100-125MM	0.01MM
215-34-0150	125-150MM	0.01MM
215-34-0175	150-175MM	0.01MM
215-34-0200	175-200MM	0.01MM
INCH SIZE		
215-34-0001	0-1"	0.001"
215-34-0002	1-2"	0.001"
215-34-0003	2-3"	0.001"
215-34-0004	3-4"	0.001"
215-34-0005	4-5"	0.001"
215-34-0006	5-6"	0.001"
215-34-0007	6-7"	0.001"
215-34-0008	7-8"	0.001"

### CALIPER TYPE MICROMETER



ART. NO.	RANGE	READING
215-36-0025	0-25MM	0.01MM
215-36-0050	25-50MM	0.01MM
215-36-0075	50-75MM	0.01MM
215-36-0100	75-100MM	0.01MM
INCH SIZE		
215-36-0001	0-1"	0.001"
215-36-0002	1-2"	0.001"
215-36-0003	2-3"	0.001"
215-36-0004	3-4"	0.001"

### ELECTRONIC DIGITAL JAW TYPE MICROMETER



ART. NO.	RANGE	READING
215-35-0025	0-25MM/0-1"	0.001MM/0.00005"
215-35-0050	25-50MM/1-2"	0.001MM/0.00005"
215-35-0075	50-75MM/2-3"	0.001MM/0.00005"
215-35-0100	75-100MM/3-4"	0.001MM/0.00005"
215-35-0125	100-125MM/4-5"	0.001MM/0.00005"
215-35-0150	125-150MM/5-6"	0.001MM/0.00005"
215-35-0175	150-175MM/6-7"	0.001MM/0.00005"
215-35-0200	175-200MM/7-8"	0.001MM/0.00005"

### ELECTRONIC DIGITAL CALIPER TYPE MICROMETER



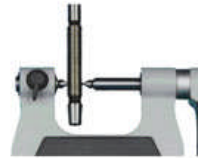
ART. NO.	RANGE	READING
215-37-0025	0-25MM/0-1"	0.001MM/0.00005"
215-37-0050	25-50MM/1-2"	0.001MM/0.00005"
215-37-0075	50-75MM/2-3"	0.001MM/0.00005"
215-37-0100	75-100MM/3-4"	0.001MM/0.00005"





## SCREW THREAD MICROMETER

60° or 55° V-shaped and knife-edged anvils (interchangeable) are optional  
Dimension of anvil-tail:  $\phi 5 \times 15 \text{mm}$



ART. NO.	RANGE	READING
215-38-0025	0-25MM	0.01MM
215-38-0050	25-50MM	0.01MM
215-38-0075	50-75MM	0.01MM
215-38-0100	75-100MM	0.01MM
215-38-0125	100-125MM	0.01MM
215-38-0150	125-150MM	0.01MM
215-38-0175	150-175MM	0.01MM
215-38-0200	175-200MM	0.01MM

ART. NO.	RANGE	READING
215-38-0001	0-1"	0.001"
215-38-0002	1-2"	0.001"
215-38-0003	2-3"	0.001"
215-38-0004	3-4"	0.001"
215-38-0005	4-5"	0.001"
215-38-0006	5-6"	0.001"
215-38-0007	6-7"	0.001"
215-38-0008	7-8"	0.001"

## ELECTRONIC DIGITAL SCREW THREAD MICROMETER

60° or 55° V-shaped and knife-edged anvils (interchangeable) are optional  
Dimension of anvil-tail:  $\phi 5 \times 15 \text{mm}$

ART. NO.	RANGE	READING
215-39-0025	0-25MM/0-1"	0.001MM/0.00005"
215-39-0050	25-50MM/1-2"	0.001MM/0.00005"
215-39-0075	50-75MM/2-3"	0.001MM/0.00005"
215-39-0100	75-100MM/3-4"	0.001MM/0.00005"
215-39-0125	100-125MM/4-5"	0.001MM/0.00005"
215-39-0150	125-150MM/5-6"	0.001MM/0.00005"
215-39-0175	150-175MM/6-7"	0.001MM/0.00005"
215-39-0200	175-200MM/7-8"	0.001MM/0.00005"



V-shaped and knife-edged anvils (Optional)	
ART. No.	Pitch (turns/inch)
Metric screw (60° hread)	
F0100	F0101 0.4-0.5mm/ 64-48TPI
	F0102 0.6-0.9mm/ 44-28TPI
	F0103 1-1.75mm/ 24-14TPI
	F0104 2-3mm/ 13- 9TPI
	F0105 3.5-5mm/ 8 - 5TPI
	F0106 5.5-7mm/ 4.5-3.5TPI

Whitworth screw (55° thread)		
ART. No.	Pitch	
F0200	F0201	60-48TPI
	F0202	48-40TPI
	F0203	40-32TPI
	F0204	32-24TPI
	F0205	24-18TPI
	F0206	18-14TPI
	F0207	14-10TPI
	F0208	10- 7TPI
	F0209	7-4.5TPI
	F0210	4.5-3.5TPI

## GEAR MICROMETER



ART. NO.	RANGE	READING
215-40-0025	0-25MM	0.01MM
215-40-0050	25-50MM	0.01MM
215-40-0075	50-75MM	0.01MM
215-40-0100	75-100MM	0.01MM
215-40-0125	100-125MM	0.01MM
215-40-0150	125-150MM	0.01MM
215-40-0175	150-175MM	0.01MM



ART. NO.	RANGE	READING
215-40-0001	0-1"	0.001"
215-40-0002	1-2"	0.001"
215-40-0003	2-3"	0.001"
215-40-0004	3-4"	0.001"
215-40-0005	4-5"	0.001"
215-40-0006	5-6"	0.001"
215-40-0007	6-7"	0.001"

## ELECTRONIC DIGITAL GEAR MICROMETER



ART. NO.	RANGE	READING
215-41-0025	0-25MM/0-1"	0.001MM/0.00005"
215-41-0050	25-50MM/1-2"	0.001MM/0.00005"
215-41-0075	50-75MM/2-3"	0.001MM/0.00005"
215-41-0100	75-100MM/3-4"	0.001MM/0.00005"
215-41-0125	100-125MM/4-5"	0.001MM/0.00005"
215-41-0150	125-150MM/5-6"	0.001MM/0.00005"
215-41-0175	150-175MM/6-7"	0.001MM/0.00005"

Measures over-pin diameter of gears with precision steel-ball-tipped measuring faces. Interchangeable ball tips for various gear modules (0.6~3.5) are available.

### Interchangeable Tips(Optional)

ART.NO.	Ball dia.	Module	Diametral pitch
F0701	Φ 1mm	0.6-0.65	45
F0702	Φ 1.5mm	0.9-1.0	28-26
F0703	Φ 2.0mm	1.25	22
F0704	Φ 2.5mm	1.5	17
F0705	Φ 3.0mm	1.75	15
F0706	Φ 3.5mm	2	13
F0707	Φ 4.0mm	2.25	11
F0708	Φ 4.5mm	2.5	10
F0709	Φ 5.0mm	2.75	9
F0710	Φ 6.0mm	3.5	7
F0700	All Sets		





## DEEP THROAT MICROMETER



ART. NO.	RANGE	READING	DEPTH
215-42-0025	0-25MM	0.01MM	50MM
215-42-0050	25-50MM	0.01MM	50MM
215-42-1025	0-25MM	0.01MM	100MM
215-42-1050	25-50MM	0.01MM	100MM
215-42-2025	0-25MM	0.01MM	150MM
215-42-2050	25-50MM	0.01MM	150MM
215-42-3025	0-25MM	0.01MM	300MM
215-42-3050	25-50MM	0.01MM	300MM

## ELECTRONIC DIGITAL DEEP THORAD MICROMETER



ART. NO.	RANGE	READING	DEPTH
215-43-0025	0-25MM/0-1"	0.001MM/0.00005"	50MM
215-43-0050	25-50MM/1-2"	0.001MM/0.00005"	50MM
215-43-1025	0-25MM/0-1"	0.001MM/0.00005"	100MM
215-43-1050	25-50MM/1-2"	0.001MM/0.00005"	100MM
215-43-2025	0-25MM/0-1"	0.001MM/0.00005"	150MM
215-43-2050	25-50MM/1-2"	0.001MM/0.00005"	150MM
215-43-3025	0-25MM/0-1"	0.001MM/0.00005"	300MM
215-43-3050	25-50MM/1-2"	0.001MM/0.00005"	300MM

## DISC BRAKE MICROMETER



ART. NO.	RANGE	READING
215-44-0033	7.6-33MM	0.01MM
215-44-0050	25-50MM	0.01MM

## ELECTRONIC DIGITAL DISC BRAKE MICROMETER



ART. NO.	RANGE	READING
215-45-0033	7.6-33MM/0.3-1.3"	0.001MM/0.00005"
215-45-0050	25-50MM/1-2"	0.001MM/0.00005"

## SHEET METAL MICROMETER



ART. NO.	RANGE	READING	DEPTH
215-46-0015	0-15MM	0.01MM	50MM
215-46-0025	0-25MM	0.01MM	50MM
215-46-0050	0-50MM	0.01MM	100MM

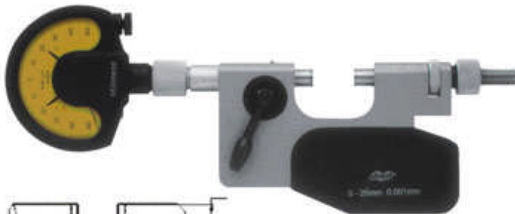
## PITCH DIAMETER COMPARATOR



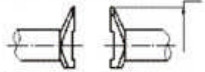
ART. NO.	RANGE	PITCH	READING
215-47-0030	2-30MM	0.4-5MM	0.01MM
215-47-0070	30-70MM	0.6-7MM	0.01MM
INCH SIZE			
215-47-0001	0.08-1.2"	65-5TPI	0.0005"
215-47-0002	1.2-2.8"	44-3.5TPI	0.0005"

## DIAL SNAP GAUGE

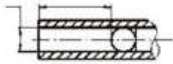
Dial Indicator is under optional



Type A: Carbide measuring faces



Type B: Jaw type measuring faces



Type C: Spindle and anvil have  $\phi 5$  holes for various interchangeable anvils

ART. NO.	RANGE	READING	TYPE
215-48-A025	0-25MM	0.001MM	TYPE A
215-48-A050	0-50MM	0.001MM	
215-48-A100	50-100MM	0.001MM	
215-48-A150	100-150MM	0.001MM	
215-48-A200	150-200MM	0.001MM	
215-48-B040	0-40MM	0.001MM	TYPE B
215-48-B090	40-90MM	0.001MM	
215-48-B140	90-140MM	0.001MM	
215-48-B190	140-190MM	0.001MM	
215-48-C040	0-40MM	0.001MM	TYPE C
215-48-C090	40-90MM	0.001MM	
215-48-C140	90-140MM	0.001MM	
215-48-C190	140-190MM	0.001MM	

## PORTABLE DIAL SNAP GAUGE



ART. NO.	RANGE	READING
215-49-0025	0-25MM/0-1"	0.001MM/0.00005"
215-49-0050	25-50MM/1-2"	0.001MM/0.00005"
215-49-0075	50-75MM/2-3"	0.001MM/0.00005"
215-49-0100	75-100MM/3-4"	0.001MM/0.00005"
215-49-0125	100-125MM/4-5"	0.001MM/0.00005"
215-49-0150	125-150MM/5-6"	0.001MM/0.00005"
215-49-0175	150-175MM/6-7"	0.001MM/0.00005"
215-49-0200	175-200MM/7-8"	0.001MM/0.00005"
215-49-0225	200-225MM/8-9"	0.001MM/0.00005"
215-49-0250	225-250MM/9-10"	0.001MM/0.00005"
215-49-0275	250-275MM/10-11"	0.001MM/0.00005"
215-49-0300	275-300MM/11-12"	0.001MM/0.00005"





## MEASURING TOOLS SET



- ART. NO.: 217-01  
1. VERNIER CALIPER, MONOBLOCK 150MM  
2. OUTSIDE MICROMETER, CHROME-PLATED 0-25MM

## MEASURING TOOLS SET



- ART. NO.: 217-02  
1. VERNIER CALIPER, MONOBLOCK 150MM  
2. COUNTER MICROMETER 0-25MM  
3. INSIDE MICROMETER 5-30MM

## MEASURING TOOLS SET



- ART. NO.: 217-03  
1. VERNIER CALIPER, MONOBLOCK 150MM  
2. OUTSIDE MICROMETER, CHROME-PLATED 0-25MM  
3. KNIFE SQUARE 100X70MM  
4. STEEL RULE 150MM

## MEASURING TOOLS SET



- ART. NO.: 217-04  
1. VERNIER CALIPER, MONOBLOCK 150MM  
2. COUNTER MICROMETER 0-25MM  
3. KNIFE SQUARE 100X70MM  
4. DEPTH CALIPER 200MM  
5. KNIFE EDGE RULE 100MM

## MEASURING TOOLS SET



- ART. NO.: 217-05-1  
4PCS MICROMETER SET 0-100MM

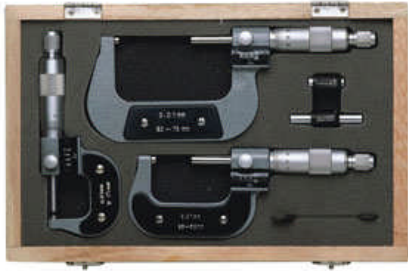
- ART. NO.: 217-05-2  
6PCS MICROMETER SET 0-150MM

## MEASURING TOOLS SET



- ART. NO.: 217-06  
4PCS MICROMETER SET 0-100MM

**MEASURING TOOLS SET**



**ART. NO.: 217-07-1**  
3PCS COUNTER MICROMETER SET 0-75MM

**ART. NO.: 217-07-2**  
4PCS COUNTER MICROMETER SET 0-100MM

**MEASURING TOOLS SET**



**ART. NO.: 217-08**  
4PCS INSIDE MICROMETER SET 5-100MM

**MEASURING TOOLS SET**



**ART. NO.: 217-09-1**  
3PCS DIGITAL MICROMETER SET 0-75MM

**ART. NO.: 217-09-2**  
4PCS DIGITAL MICROMETER SET 0-100MM

**MEASURING TOOLS SET**



**ART. NO.: 217-10**  
1. DIGITAL CALIPER 150MM  
2. DIGITAL MICROMETER 0-25MM  
3. DIGITAL INDICATOR 0-12.7MM

**MICROMETER HOLDER**



**ART. NO.: 217-11-1**



**ART. NO.: 217-11-2**



**ART. NO.: 217-11-3**



**ART. NO.: 217-11-4**





## SETTING STANDARD

ART. NO.	SIZE	ACCURACY	DIAMETER
217-12-0025	25mm	±0.0020mm	φ7mm
217-12-0050	50mm	±0.0020mm	φ7mm
217-12-0075	75mm	±0.0020mm	φ7mm
217-12-0100	100mm	±0.0025mm	φ8mm
217-12-0125	125mm	±0.0025mm	φ8mm
217-12-0150	150mm	±0.0030mm	φ8mm
217-12-0175	175mm	±0.0030mm	φ8mm
217-12-0200	200mm	±0.0035mm	φ8mm
217-12-0225	225mm	±0.0035mm	φ8mm
217-12-0250	250mm	±0.0035mm	φ8mm
217-12-0275	275mm	±0.0035mm	φ8mm
217-12-0300	300mm	±0.0040mm	φ16mm
217-12-0325	325mm	±0.0040mm	φ16mm
217-12-0350	350mm	±0.0040mm	φ16mm
217-12-0375	375mm	±0.0040mm	φ16mm
217-12-0400	400mm	±0.0050mm	φ16mm
217-12-0425	425mm	±0.0050mm	φ16mm
217-12-0450	450mm	±0.0050mm	φ16mm
217-12-0475	475mm	±0.0050mm	φ16mm
217-12-0500	500mm	±0.0060mm	φ16mm
217-12-0525	525mm	±0.0060mm	φ16mm
217-12-0575	575mm	±0.0060mm	φ16mm
217-12-0625	625mm	±0.0070mm	φ16mm
217-12-0675	675mm	±0.0070mm	φ16mm
217-12-0725	725mm	±0.0080mm	φ16mm
217-12-0775	775mm	±0.0080mm	φ16mm
217-12-0825	825mm	±0.0090mm	φ16mm
217-12-0875	875mm	±0.0090mm	φ16mm
217-12-0925	925mm	±0.0100mm	φ16mm
217-12-0975	975mm	±0.0100mm	φ16mm
217-12-1050	1050mm	±0.0100mm	φ23mm
217-12-1150	1150mm	±0.0100mm	φ23mm
217-12-1250	1250mm	±0.0120mm	φ23mm
217-12-1350	1350mm	±0.0120mm	φ23mm
217-12-1450	1450mm	±0.0140mm	φ23mm
217-12-1550	1550mm	±0.0140mm	φ23mm
217-12-1650	1650mm	±0.0160mm	φ23mm
217-12-1750	1750mm	±0.0160mm	φ23mm
217-12-1850	1850mm	±0.0180mm	φ23mm
217-12-1950	1950mm	±0.0180mm	φ23mm
217-12-2050	2050mm	±0.0160mm	φ34mm
217-12-2150	2150mm	±0.0160mm	φ34mm
217-12-2250	2250mm	±0.0170mm	φ34mm
217-12-2350	2350mm	±0.0170mm	φ34mm
217-12-2450	2450mm	±0.0180mm	φ34mm
217-12-2550	2550mm	±0.0180mm	φ34mm
217-12-2650	2650mm	±0.0190mm	φ34mm
217-12-2750	2750mm	±0.0190mm	φ34mm
217-12-2850	2850mm	±0.0200mm	φ34mm
217-12-2950	2950mm	±0.0200mm	φ34mm



ART. NO.	SIZE	ACCURACY	DIAMETER
217-12-1001	1"	±0.00008"	φ7mm
217-12-1002	2"	±0.00008"	φ7mm
217-12-1003	3"	±0.00008"	φ7mm
217-12-1004	4"	±0.00012"	φ8mm
217-12-1005	5"	±0.00016"	φ8mm
217-12-1006	6"	±0.00016"	φ8mm
217-12-1007	7"	±0.00020"	φ8mm
217-12-1008	8"	±0.00020"	φ8mm
217-12-1009	9"	±0.00024"	φ8mm
217-12-1010	10"	±0.00024"	φ8mm
217-12-1011	11"	±0.00028"	φ8mm
217-12-1012	12"	±0.00016"	φ16mm
217-12-1013	13"	±0.00016"	φ16mm
217-12-1014	14"	±0.00016"	φ16mm
217-12-1015	15"	±0.00016"	φ16mm
217-12-1016	16"	±0.00020"	φ16mm
217-12-1017	17"	±0.00020"	φ16mm
217-12-1018	18"	±0.00020"	φ16mm
217-12-1019	19"	±0.00020"	φ16mm
217-12-1020	20"	±0.00024"	φ16mm
217-12-1021	21"	±0.00024"	φ16mm
217-12-1022	23"	±0.00024"	φ16mm
217-12-1023	25"	±0.00028"	φ16mm
217-12-1024	27"	±0.00028"	φ16mm
217-12-1025	29"	±0.00032"	φ16mm
217-12-1026	31"	±0.00032"	φ16mm
217-12-1027	33"	±0.00035"	φ16mm
217-12-1028	35"	±0.00035"	φ16mm
217-12-1029	37"	±0.00040"	φ16mm
217-12-1030	39"	±0.00040"	φ16mm

## SETTING RING



ART. NO.	SIZE	CYLINDRICITY
217-13-0004	4MM	0.0010MM
217-13-0005	5MM	0.0010MM
217-13-0006	6MM	0.0010MM
217-13-0008	8MM	0.0010MM
217-13-0010	10MM	0.0010MM
217-13-0012	12MM	0.0010MM
217-13-0016	16MM	0.0010MM
217-13-0020	20MM	0.0010MM
217-13-0025	25MM	0.0010MM
217-13-0030	30MM	0.0010MM
217-13-0040	40MM	0.0010MM
217-13-0050	50MM	0.0015MM
217-13-0062	62MM	0.0015MM
217-13-0070	70MM	0.0015MM
217-13-0075	75MM	0.0015MM
217-13-0087	87MM	0.0015MM
217-13-0100	100MM	0.0020MM
217-13-0125	125MM	0.0020MM
217-13-0150	150MM	0.0020MM
217-13-0175	175MM	0.0020MM
217-13-0200	200MM	0.0020MM
217-13-0225	225MM	0.0020MM
217-13-0250	250MM	0.0020MM
217-13-0275	275MM	0.0020MM

ART. NO.	SIZE	CYLINDRICITY
217-13-1001	0.16"	0.00004"
217-13-1002	0.2"	0.00004"
217-13-1003	0.275"	0.00004"
217-13-1004	0.35"	0.00004"
217-13-1005	0.425"	0.00004"
217-13-1006	0.5"	0.00004"
217-13-1007	0.65"	0.00004"
217-13-1008	0.8"	0.00004"
217-13-1009	1"	0.00004"
217-13-1010	1.2"	0.00004"
217-13-1011	1.6"	0.00004"
217-13-1012	2"	0.00006"
217-13-1013	2.5"	0.00006"
217-13-1014	2.8"	0.00006"
217-13-1015	3"	0.00006"
217-13-1016	3.5"	0.00006"
217-13-1017	4"	0.00008"
217-13-1018	5"	0.00008"
217-13-1019	6"	0.00008"
217-13-1020	7"	0.00008"
217-13-1021	8"	0.00008"
217-13-1022	9"	0.00008"
217-13-1023	10"	0.00008"
217-13-1024	11"	0.00008"

## STANDARD FOR INTERNAL MICROMETER



ART. NO.	SIZE	ACCURACY	PARALLEL
217-14-0050	50MM	±0.002MM	0.002MM
217-14-0075	75MM	±0.003MM	0.003MM
217-14-0100	100MM	±0.004MM	0.004MM
217-14-0150	150MM	±0.004MM	0.004MM
217-14-0200	200MM	±0.004MM	0.004MM
217-14-0250	250MM	±0.004MM	0.004MM
217-14-0275	275MM	±0.004MM	0.004MM

ART. NO.	SIZE	ACCURACY	PARALLEL
217-14-1001	2"	±0.002MM	0.002MM
217-14-1002	3"	±0.003MM	0.003MM
217-14-1003	4"	±0.004MM	0.004MM
217-14-1004	6"	±0.004MM	0.004MM
217-14-1005	8"	±0.004MM	0.004MM
217-14-1006	10"	±0.004MM	0.004MM
217-14-1007	11"	±0.004MM	0.004MM







### DIAL MICRON INDICATOR, WITH LUG, METRIC SIZE

ART. NO.	RANGE	READING	DIAMETER	
219-01-0001	0-1MM	0.001MM	58MM	
219-01-0002	0-2MM	0.001MM	58MM	
219-01-0012	0-12.7MM	0.002MM	58MM	
219-01-S001	0-1MM	0.001MM	58MM	8 JEWELS
219-01-S002	0-2MM	0.001MM	58MM	SHOCK-PROOF

### DIAL INDICATOR, WITH LUG, METRIC SIZE

ART. NO.	RANGE	READING	DIAMETER	
219-02-0003	0-3MM	0.01MM	58/42MM	
219-02-0005	0-5MM	0.01MM	58/42MM	
219-02-0010	0-10MM	0.01MM	58/42MM	
219-02-S003	0-3MM	0.01MM	58/42MM	6 JEWELS
219-02-S005	0-5MM	0.01MM	58/42MM	SHOCK-PROOF
219-02-S010	0-10MM	0.01MM	58/42MM	



### DIAL INDICATOR, WITH LUG, METRIC SIZE LONG MEASURING RANGE

ART. NO.	RANGE	READING	DIAMETER
219-03-0015	0-15MM	0.01MM	58MM
219-03-0020	0-20MM	0.01MM	58MM
219-03-0025	0-25MM	0.01MM	58MM
219-03-0030	0-30MM	0.01MM	58MM
219-03-0050	0-50MM	0.01MM	58/78MM
219-03-0080	0-80MM	0.01MM	58/78MM
219-03-0100	0-100MM	0.01MM	58/78MM

### DIAL INDICATOR, WITH LUG, METRIC SIZE WATER-PROOF, DUST-PROOF

ART. NO.	RANGE	READING	DIAMETER	
219-04-0003	0-3MM	0.01MM	58MM	
219-04-0005	0-5MM	0.01MM	58MM	
219-04-0010	0-10MM	0.01MM	58MM	
219-04-S003	0-3MM	0.01MM	58MM	6 JEWELS
219-04-S005	0-5MM	0.01MM	58MM	SHOCK-PROOF
219-04-S010	0-10MM	0.01MM	58MM	



## DIAL INDICATOR, WITH LUG, INCH SIZE

ART. NO.	RANGE	READING	DIAMETER
219-05-0001	0-0.05"	0.0001"	2.28"
219-05-0002	0-0.25"	0.0005"	1.65"/2.28"
219-05-0003	0-0.25"	0.001"	2.28"
219-05-0004	0-0.5"	0.001"	2.28"
219-05-0005	0-1"	0.001"	2.28"
219-05-0006	0-1.3"	0.001"	2.28"
219-05-0007	0-2"	0.001"	2.28"



## ELECTRONIC DIGITAL INDICATOR WITH LUG

ART. NO.	RANGE	READING	
219-06-0001	0-6.5MM/0-0.25"	0.01MM/0.0005"	HIGH ACCURACY
219-06-0002	0-12.7MM/0-0.5"	0.01MM/0.0005"	
219-06-0003	0-25MM/0-1"	0.01MM/0.0005"	
219-06-0004	0-50MM/0-2"	0.01MM/0.0005"	
219-06-H001	0-6.5MM/0-0.25"	0.001MM/0.00005"	
219-06-H002	0-12.7MM/0-0.5"	0.001MM/0.00005"	
219-06-H003	0-25MM/0-1"	0.001MM/0.00005"	
219-06-H004	0-50MM/0-2"	0.001MM/0.00005"	



## DIAL TEST INDICATOR

ART. NO.	RANGE	READING	DIAMETER
219-07-0001	0-0.8MM	0.01MM	30/37.5MM
219-07-0002	0-0.2MM	0.002MM	30/37.5MM
219-07-0003	0-0.12MM	0.001MM	30/37.5MM
INCH SIZE			
219-07-0004	0-0.03"	0.001"	1.18"/1.48"
219-07-0005	0-0.03"	0.0005"	1.18"/1.48"
219-07-0006	0-0.03"	0.0001"	1.18"/1.48"



## DIGITAL TEST INDICATOR

ART. NO.	RANGE	READING	
219-08-0001	0-0.5MM	0.01MM/0.0005"	HIGH ACCURACY
219-08-H001	0-0.5MM	0.001MM/0.0001"	





## METRIC SIZE DIAL BORE GAUGE



ART. NO.	RANGE	READING	DEPTH
219-09-0010	6-10MM	0.01MM	40MM
219-09-0018	10-18MM	0.01MM	100MM
219-09-0035	18-35MM	0.01MM	125/150MM
219-09-0050	35-50MM	0.01MM	150MM
219-09-0100	50-100MM	0.01MM	150MM
219-09-0160	50-160MM	0.01MM	150MM
219-09-0250	160-250MM	0.01MM	250/400MM
219-09-0450	250-450MM	0.01MM	250MM
219-09-0251	100-250MM	0.01MM	200MM
MICRON SERIES			
219-09-H010	6-10MM	0.001MM	40MM
219-09-H018	10-18MM	0.001MM	100MM
219-09-H035	18-35MM	0.001MM	150MM
219-09-H050	35-50MM	0.001MM	150MM
219-09-H100	50-100MM	0.001MM	150MM
219-09-H160	50-160MM	0.001MM	150MM
219-09-H250	160-250MM	0.001MM	250MM
219-09-H450	250-450MM	0.001MM	250MM
219-09-H251	100-250MM	0.001MM	200MM

## INCH SIZE DIAL BORE GAUGE



ART. NO.	RANGE	READING	DEPTH
219-10-0001	0.24-0.4"	0.0005"	1.57"
219-10-0002	0.4-0.7"	0.0005"	4"
219-10-0003	0.7-1.5"	0.0005"	5"/6"
219-10-0004	1.4-2.4"	0.0005"	6"
219-10-0005	2-4"	0.0005"	6"
219-10-0006	2-6"	0.0005"	6"
219-10-0007	6-10"	0.0005"	16"
219-10-0008	10-16"	0.0005"	16"
219-10-0009	4-10"	0.0005"	12"
X0.0001"			
219-10-H001	0.24-0.4"	0.0001"	1.57"
219-10-H002	0.4-0.7"	0.0001"	4"
219-10-H003	0.7-1.5"	0.0001"	6"
219-10-H004	1.4-2.4"	0.0001"	6"
219-10-H005	2-4"	0.0001"	6"
219-10-H006	2-6"	0.0001"	6"
219-10-H007	6-10"	0.0001"	16"
219-10-H008	10-16"	0.0001"	16"
219-10-H009	4-10"	0.0001"	12"

## DIGITAL BORE GAUGE



- ▶ Metric and inch conversion, zero setting at any position
- ▶ Absolute /relative measurement
- ▶ Reversal of counting direction
- ▶ Analog division switching
- ▶ Tolerance judgment can be performed by setting upper/lower limits
- ▶ Max/min difference-value memory
- ▶ Data port Rs232
- ▶ 3V Li Cr2032 battery for long life 2000hrs.
- ▶ The display 3600 rotation
- ▶ And automatic power off after 14 min without operation

ART. NO.	RANGE	READING	DEPTH
219-11-0010	6-10MM/0.24-0.4"	0.002MM	40MM
219-11-0018	10-18MM/0.4-0.7"	0.002MM	100MM
219-11-0035	18-35MM/0.7-1.5"	0.002MM	150MM
219-11-0050	35-50MM/1.4-2.4"	0.002MM	150MM
219-11-0100	50-100MM/2-4"	0.002MM	150MM
219-11-0160	50-160MM/2-6"	0.002MM	150MM
219-11-0250	160-250MM/6-10"	0.002MM	250MM
219-11-0450	250-450MM/10-16"	0.002MM	250MM
219-11-0251	100-250MM/4-10"	0.002MM	200MM

## METRIC SIZE INSIDE DIAL CALIPER GAUGE



ART. NO.	RANGE	READING	CONTACT POINT	LENGTH
219-12-0035	15-35MM	0.01MM	3X3MM	50MM
219-12-0055	35-55MM	0.01MM	6X3MM	80MM
219-12-0075	55-75MM	0.01MM	8X3MM	90MM
219-12-0095	75-95MM	0.01MM	10X3MM	100MM
219-12-0115	95-115MM	0.01MM	10X3.2MM	150MM
219-12-0135	115-135MM	0.01MM	10X3.2MM	150MM

## METRIC SIZE OUTSIDE DIAL CALIPER GAUGE



ART. NO.	RANGE	READING	CONTACT POINT	LENGTH
219-13-0020	0-20MM	0.01MM	6X3MM	60MM
219-13-0040	20-40MM	0.01MM	6X3MM	60MM
219-13-0060	40-60MM	0.01MM	6X3MM	55MM
219-13-0080	60-80MM	0.01MM	6X3MM	55MM
219-13-0100	80-100MM	0.01MM	6X3MM	55MM





## INCH SIZE INSIDE DIAL CALIPER GAUGE



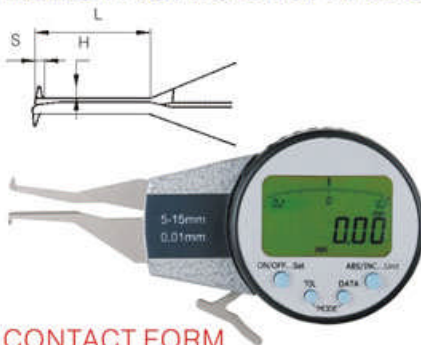
ART. NO.	RANGE	READING	CONTACT POINT	LENGTH
219-14-0001	0.6-1.4"	0.001"	0.118X0.118"	1.9"
219-14-0002	1.4-2.2"	0.001"	0.236X0.118"	3.1"
219-14-0003	2.2-3.0"	0.001"	0.315X0.118"	3.1"
219-14-0004	3.0-3.8"	0.001"	0.315X0.118"	3.9"
X0.0005"				
219-14-0011	0.6-1.4"	0.0005"	0.118X0.118"	1.9"
219-14-0012	1.4-2.2"	0.0005"	0.236X0.118"	3.1"
219-14-0013	2.2-3.0"	0.0005"	0.315X0.118"	3.1"
219-14-0014	3.0-3.8"	0.0005"	0.315X0.118"	3.9"

## INCH SIZE OUTSIDE DIAL CALIPER GAUGE

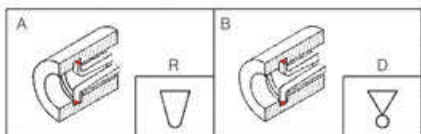


ART. NO.	RANGE	READING	CONTACT POINT	LENGTH
219-15-0001	0-0.8"	0.001"	0.236X0.118"	2.3"
219-15-0002	0.8-1.6"	0.001"	0.236X0.118"	2.3"
219-15-0003	1.6-2.4"	0.001"	0.236X0.118"	2.1"
219-15-0004	2.4-3.2"	0.001"	0.236X0.118"	2.1"
219-15-0005	3.2-4.0"	0.001"	0.236X0.118"	2.1"
X0.0005"				
219-15-0011	0-0.8"	0.0005"	0.236X0.118"	2.3"
219-15-0012	0.8-1.6"	0.0005"	0.236X0.118"	2.3"
219-15-0013	1.6-2.4"	0.0005"	0.236X0.118"	2.1"
219-15-0014	2.4-3.2"	0.0005"	0.236X0.118"	2.1"
219-15-0015	3.2-4.0"	0.0005"	0.236X0.118"	2.1"

## ELECTRONIC DIGITAL CALIPER GAUGE, INSIDE MEASUREMENT



### CONTACT FORM

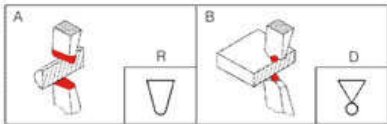


ART. NO.	RANGE	READING	L x S x H (mm)	CONTACT	
				A (R)	B (D)
<b>TRAVEL 10MM</b>					
219-16-1015	5-15mm/0.2-0.6"	0.01mm	20x1.0x1.5	0.3MM	---
219-16-1020	10-20mm/0.4-0.8"	0.01mm	25x1.5x3.0	0.3MM	Φ 1.5MM
219-16-1030	20-30mm/0.8-1.2"	0.01mm	30x2.0x6.5	0.5MM	Φ 1.5MM
219-16-1040	30-40mm/1.2-1.6"	0.01mm	30x2.5x9.0	0.5MM	Φ 1.5MM
219-16-1050	40-50mm/1.6-2.0"	0.01mm	30x2.5x9.0	0.5MM	Φ 1.5MM
<b>TRAVEL 20MM</b>					
219-16-2025	5-25mm/0.2-1.0"	0.01mm	35x1x1.5	0.3MM	---
219-16-2030	10-30mm/0.4-1.2"	0.01mm	55x2x3.5	0.5MM	Φ 1.5MM
219-16-2040	20-40mm/0.8-1.6"	0.01mm	80x3x6.5	0.5MM	Φ 1.5MM
219-16-2050	30-50mm/1.2-2.0"	0.01mm	80x3x8.5	0.5MM	Φ 1.5MM
219-16-2060	40-60mm/1.6-2.4"	0.01mm	80x3x8.5	0.5MM	Φ 1.5MM

## ELECTRONIC DIGITAL CALIPER GAUGE, OUTSIDE MEASUREMENT



CONTACT FORM



ART. NO.	RANGE	READING	L x S x H (mm)	CONTACT	
TRAVEL 10MM				A (R)	B (D)
219-17-1010	0-10mm/0-0.4"	0.01mm	40x3x8	0.5MM	Φ 1.5MM
219-17-1020	10-20mm/0.4-0.8"	0.01mm	40x3x8	0.5MM	Φ 1.5MM
219-17-1030	20-30mm/0.8-1.2"	0.01mm	40x3x8	0.5MM	Φ 1.5MM
219-17-1040	30-40mm/1.2-1.6"	0.01mm	40x3x8	0.5MM	Φ 1.5MM
219-17-1050	40-50mm/1.6-2.0"	0.01mm	40x3x8	0.5MM	Φ 1.5MM
TRAVEL 20MM				A (R)	B (D)
219-17-2020	0-20mm/0-0.8"	0.01mm	80x6.5x25	0.75MM	Φ 1.5MM
219-17-2030	10-30mm/0.4-1.2"	0.01mm	80x6.5x25	0.75MM	Φ 1.5MM
219-17-2040	20-40mm/0.8-1.6"	0.01mm	80x6.5x25	0.75MM	Φ 1.5MM
219-17-2050	30-50mm/1.2-2.0"	0.01mm	80x6.5x25	0.75MM	Φ 1.5MM
219-17-2060	40-60mm/1.6-2.4"	0.01mm	80x6.5x25	0.75MM	Φ 1.5MM

## DIAL GEM GAUGE



ART. NO.	RANGE	READING
219-18-0020	0-20MM	0.1MM

## DIGITAL GEM GAUGE



ART. NO.	RANGE	READING
219-19-0015	0-15MM	0.01MM/0.0005"

## REED TYPE COMPARATOR



ART. NO.	RANGE	READING	HOLDER
219-20-0001	+/-0.3MM	0.01MM	Φ28
219-20-0002	+/-0.15MM	0.005MM	Φ28
219-20-0003	+/-0.06MM	0.002MM	Φ28
219-20-0004	+/-0.03MM	0.001MM	Φ28
219-20-0005	+/-0.015MM	0.0005MM	Φ28
219-20-0006	+/-0.006MM	0.0002MM	Φ28
219-20-0007	+/-0.1MM	0.001MM	Φ28
219-20-0008	+/-0.05MM	0.001MM	Φ8





## DIAL THICKNESS GAUGE



ART. NO.	RANGE	READING	NOTE
219-21-0001	0-10MM	0.01MM	METRIC
219-21-0002	0-0.5"	0.001"	INCH
219-21-0003	0-0.5"	0.0005"	
219-21-0004	0-12.5MM	0.01MM	ELECTRONIC

## DIAL THICKNESS GAUGE



ART. NO.	RANGE	READING	NOTE
219-22-0001	0-10MM	0.01MM	METRIC
219-22-0002	0-0.5"	0.001"	INCH
219-22-0003	0-0.5"	0.0005"	
219-22-0004	0-12.5MM	0.01MM	DIGITAL

## DIAL THICKNESS GAUGE



ART. NO.	RANGE	READING	NOTE
219-23-0001	0-10MM	0.01MM	METRIC
219-23-0002	0-0.5"	0.001"	INCH
219-23-0003	0-0.5"	0.0005"	
219-23-0004	0-12.5MM	0.01MM	DIGITAL

## DIAL THICKNESS GAUGE

ART. NO.	RANGE	READING	DEPTH	NOTE
219-24-0001	0-25MM	0.01MM	30MM	METRIC
219-24-0002	0-30MM	0.01MM	30MM	
219-24-0003	0-1"	0.001"	30MM	INCH
219-24-0004	0-0.5"	0.0005"	30MM	
219-24-0005	0-10MM	0.01MM	30MM	DIGITAL
219-24-0006	0-10MM	0.001MM	30MM	
219-24-0007	0-10MM	0.01MM	120MM	
219-24-0008	0-10MM	0.001MM	120MM	



## DIAL THICKNESS GAUGE

ART. NO.	RANGE	READING	NOTE
219-25-0001	0-10MM	0.01MM	METRIC
219-25-0002	0-0.5"	0.001"	INCH
219-25-0003	0-0.5"	0.0005"	

## POCKET DIAL THICKNESS GAUGE

ART. NO.	RANGE	READING	NOTE
219-26-0001	0-10MM	0.01MM	METRIC
219-26-0002	0-0.5"	0.001"	INCH
219-26-0003	0-0.5"	0.0005"	



## POCKET DIGITAL THICKNESS GAUGE

ART. NO.	RANGE	READING	ACCURACY
219-27-0001	0-10MM/0.4"	0.01MM/0.001"	+/-0.03MM/0.001"





## DIAL THICKNESS GAUGE



ART. NO.	RANGE	READING
219-28-0010	0-10MM	0.1MM

## DIAL DEPTH GAUGE



ART. NO.	RANGE	READING
219-30-0100	0-100MM	0.01MM
219-30-0150	0-150MM	0.01MM

## DIGITAL THICKNESS GAUGE



ART. NO.	RANGE	READING
219-32-0012	0-12MM	0.01MM
219-32-0025	0-25MM	0.01MM

## DIGITAL THICKNESS GAUGE



ART. NO.	RANGE	READING	CONTACT
219-29-0015	0-15MM	0.01MM	Standard
219-29-0025	0-25MM	0.01MM	Standard
219-29-0015P	0-15MM	0.01MM	Pin head

## DIGITAL DEPTH GAUGE



ART. NO.	RANGE	READING
219-31-0100	0-100MM	0.01MM
219-31-0150	0-150MM	0.01MM

## DIAL THICKNESS GAUGE



ART. NO.	RANGE	READING
219-33-0030	0-30MM	0.01MM

## LOCKING TYPE PROTRACTOR 0-180°



ART. NO.	DIAMETER	LENGTH
221-01-0080	80MM	120MM
221-01-0120	120MM	150MM
221-01-0150	150MM	200MM
221-01-0200	200MM	300MM
221-01-0300	300MM	600MM
221-01-0400	400MM	800MM
221-01-0500	500MM	800MM
221-01-0600	600MM	1000MM

## PLATE TYPE PROTRACTOR 0-180°



ART. NO.	DIAMETER	LENGTH
221-02-0085	85MM	150MM
221-02-0125	125MM	200MM

## ADJUSTABLE PROTRACTOR 10-170°



ART. NO.	DIAMETER	LENGTH
221-03-0100	100MM	150MM
221-03-0150	150MM	300MM
221-03-0200	200MM	400MM
221-03-0250	250MM	500MM
221-03-0300	300MM	600MM
221-03-0400	400MM	800MM
221-03-0500	500MM	1000MM

## VERNIER PROTRACTOR 10-170°

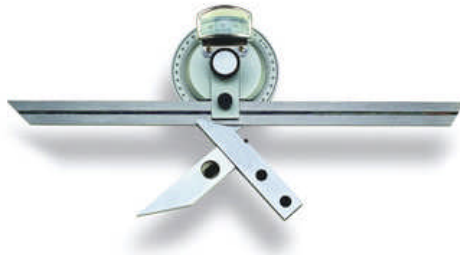


ART. NO.	DIAMETER	LENGTH
221-04-0100	100MM	125MM





PARALLAX LESS BEVEL PROTRACTOR WITH MAGNIFY GLASS 0-360°



ART. NO.	BLADE	GRAD.
221-05-0001	150/200/300MM	5'

DIAL UNIVERSAL BEVEL PROTRACTOR 0-360°



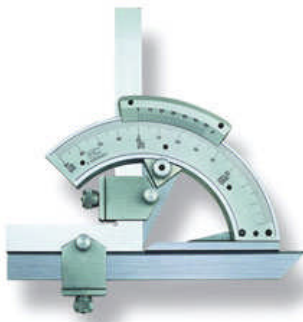
ART. NO.	BLADE	GRAD.
221-06-0001	150/200/300MM	5'

DIGITAL UNIVERSAL PROTRACTOR 0-360°

ART. NO.	BLADE	GRAD.
221-07-0001	150/200/300MM	5'
221-07-0002	150/200/300MM	2'



UNIVERSAL BEVEL PROTRACTOR 0-320°

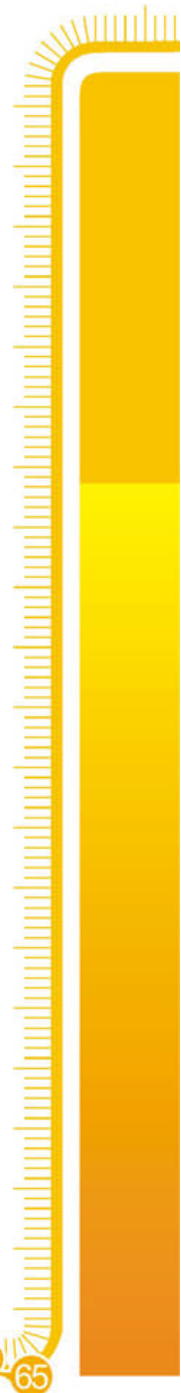


ART. NO.	RANGE	GRAD.
221-08-0001	0-320°	2'

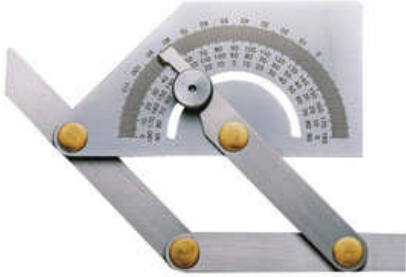
MUTIL ANGLE PROTRACTOR



ART. NO.	RANGE	GRAD.
221-09-0001	132X68X13MM	2'

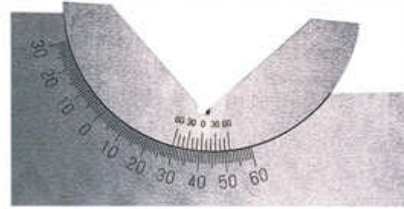


### UNIVERSAL BEVEL PROTRACTOR 0-180°



ART. NO.	RANGE	GRAD.
221-10-0001	0-180°	2'

### ANGLE BLOCK



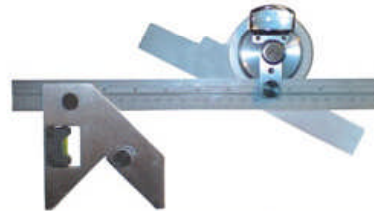
ART. NO.	RANGE
221-11-0001	25X32X75MM
221-11-0002	30X48X102MM
221-11-0003	46X48X102MM

### COMBINATION SQUARE SET 0-180°



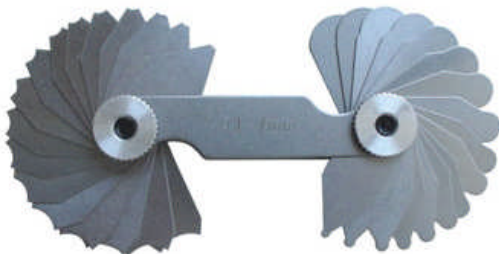
ART. NO.	RANGE	READING	BLADE
221-12-0300	0-180°	1°	300MM

### COMBINATION SQUARE SET WITH MAGNIFY GLASS 0-360°



ART. NO.	RANGE	READING	BLADE
221-13-0300	0-360°	5'	300/450/600MM

### RADIUS GAUGE



ART. NO.	RANGE	STEP	Leaves	
			Concave	Convex
221-14-0001	R1-7MM	1-2.75MM by 0.25 3-7MM by 0.5	17	17
221-14-0002	R7.5-15MM	0.5MM	16	16
221-14-0003	R15.5-25MM	15.5-20MM by 0.5 21-25MM by 1.0	15	15
INCH SIZE				
221-14-0004	1/32-1/4"	1/32-1/4" by 1/64"	15	15
221-14-0005	17/64-1/2"	17/64-1/2" by 1/32"	16	16
221-14-0006	17/32-1"	17/32-1" by 1/32"	16	16



## SCREW PITCH GAUGE



ART. NO.	LEAVES	RANGE	SCREW TYPE	Content mm
221-15-0001	24	0.25-6.00MM	Metr. 60°	0.25-0.30-0.35-0.40-0.45-0.50-0.60-0.70-0.75-0.80-0.90-1.00-1.25 1.50-1.75-2.00-2.50-3.00-3.50-4.00-4.50-5.00-5.50-6.00MM
221-15-0002	28	4-62TPI	Whitw 55°	4, 4-1/2, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 18, 19, 20, 22, 24, 25, 26, 28, 30, 32, 36, 40, 48, 60, 62TPI
221-15-0003	6	8-28TPI	Whitw 55°	8, 10, 11, 14, 19, 28,
221-15-0004	30	4-42TPI	Metr. 60°	4.0, 4.5, 5.0, 5.5, 6.0, 7.0, 8.0, 9.0, 10, 11, 11.5, 12, 13, 14, 15, 16, 18, 20, 22, 24, 26, 27, 28, 30, 32, 34, 36, 38, 40, 42
221-15-0005	30	6-60TPI	Metr. 60°	6.0, 7.0, 8.0, 9.0, 10, 11, 11.5, 12, 13, 14, 15, 16, 18, 20, 22, 24, 26, 27, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 56, 60
221-15-0006	52	0.25-6/4-62TPI	60°/55°	Art.No.221-15-0001 + 221-15-0002
221-15-0007	58	0.25-6/4-62/8-28	60°/55°	Art.No.221-15-0001 + 221-15-0002 + 221-15-0003
221-15-0008	12	2-20MM	29°/30°	2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 16, 20,
221-15-0009	16	1-12TPI	29°/30°	1, 1-1/3, 1-1/2, 1-3/4, 2, 2-1/2, 3, 3-1/2, 4, 5, 6, 7, 8, 9, 10, 12

## FELLER GAUGE



ART. NO.	LEAVES	RANGE (MM)	LENGTH	THICKNESS (MM)
221-16-0801	8PCS	0.05-0.50	100MM	0.05-0.10-0.15-0.20- 0.25-0.30-0.40-0.50
221-16-0802	8PCS	0.05-0.50	200MM	
221-16-0803	8PCS	0.05-0.50	300MM	
221-16-1301	13PCS	0.05-1.00	100MM	0.05-0.10-0.15-0.20- 0.25-0.30-0.40-0.50- 0.60-0.70-0.80-0.90- 1.00
221-16-1302	13PCS	0.05-1.00	200MM	
221-16-1303	13PCS	0.05-1.00	300MM	
221-16-2001	20PCS	0.05-1.00	100MM	0.05-0.10-0.15-0.20- 0.25-0.30-0.35-0.40- 0.45-0.50-0.55-0.60- 0.65-0.70-0.75-0.80- 0.85-0.90-0.95-1.00
221-16-2002	20PCS	0.05-1.00	200MM	
221-16-2003	20PCS	0.05-1.00	300MM	

## TELESCOPING GAUGE



ART. NO.	RANGE	LENGTH
221-17-0012	8-12.7MM	102MM
221-17-0019	12.7-19MM	102MM
221-17-0032	19-32MM	102MM
221-17-0054	32-54MM	127MM
221-17-0090	54-90MM	127MM
221-17-0150	90-150MM	127MM
221-17-8150	8-150MM	SET



ART. NO.	RANGE	LENGTH
221-17-0001	5/16"-1/2"	4"
221-17-0002	1/2"-3/4"	4"
221-17-0003	3/4"-1-1/4"	4"
221-17-0004	1-1/4"-2-1/8"	5"
221-17-0005	2-1/8"-3-9/16"	5"
221-17-0006	3-9/16"-6"	5"
221-17-0007	5/16"-6"	SET





## RADIUS WIRE GAUGE

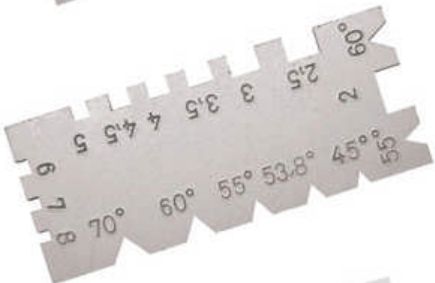
ART. NO.	CONTENT
221-18	.007", .0078", .0085", .0093", .010", .0109", .0125", .014", .0156", .017", .0187", .0218", .025", .028", .0312", .0343", .0375", .0437", .050", .056", .0625", .070", .078", .0937", .109", .125", .140", .156", .172", .1875", .203", .2187", .234", .250", .265", .281", .3125"



## COMBINED THREAD CUTTER AND LATHER TOOL GAUGE

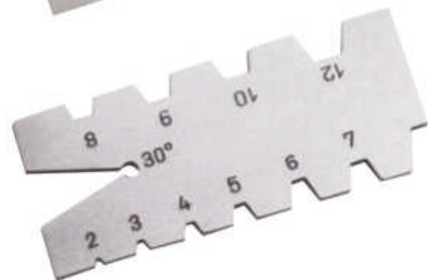
For square, ACME, Whitworth and angled threads 55° and 60°

ART. NO.	SIZE
221-19	90x40MM



## COMBINED ANGULAR THREAD GAUGE

ART. NO.	SIZE	ANGLE THREAD	PITCH(TPI)
221-20	60x20MM	45°-53.8°-55°-60°-70°	2/2.5/3/3.5/4/4.5/5/6/7/8



## ACME THREAD GAUGE

ART. NO.	THREAD	RANGE	PITCH
221-21-01	29°	1-10TPI	1, 1-1/3, 1-1/2, 1-3/4, 2, 2-1/2, 3, 4, 5, 6, 7, 8, 9, 10
221-21-02	30°	2-12MM	2, 3, 4, 5, 6, 7, 8, 9, 10, 12



## ANGLED THREAD CUTTER GAUGE

ART. NO.	SIZE
221-22-01	60°
221-22-02	55°
221-22-03	60° metric



## COMPASS



ART. NO.	RANGE
222-01-0125	125MM
222-01-0150	150MM
222-01-0175	175MM
222-01-0200	200MM
222-01-0250	250MM
222-01-0300	300MM
222-01-0400	400MM
222-01-0500	500MM
222-01-0600	600MM
222-01-0800	800MM
222-01-1000	1000MM

## COMPASS WITH WING



ART. NO.	RANGE
222-02-0125	125MM
222-02-0150	150MM
222-02-0175	175MM
222-02-0200	200MM
222-02-0250	250MM
222-02-0300	300MM
222-02-0400	400MM
222-02-0500	500MM
222-02-0600	600MM
222-02-0800	800MM
222-02-1000	1000MM

## COMPASS WITH WING, WITH PEN HOLDER



ART. NO.	RANGE
222-03-0125	125MM
222-03-0150	150MM
222-03-0175	175MM
222-03-0200	200MM
222-03-0250	250MM
222-03-0300	300MM
222-03-0400	400MM
222-03-0500	500MM
222-03-0600	600MM
222-03-0800	800MM
222-03-1000	1000MM

## SPRING TYPE COMPASS



ART. NO.	RANGE
222-04-0125	125MM
222-04-0150	150MM
222-04-0175	175MM
222-04-0200	200MM
222-04-0250	250MM
222-04-0300	300MM
222-04-0400	400MM
222-04-0500	500MM

## SPRING TYPE COMPASS, POINT HEAD



ART. NO.	RANGE
222-05-0125	125MM
222-05-0150	150MM
222-05-0175	175MM
222-05-0200	200MM
222-05-0250	250MM
222-05-0300	300MM
222-05-0400	400MM
222-05-0500	500MM

## INSIDE DIVIDER



ART. NO.	RANGE
222-06-0125	125MM
222-06-0150	150MM
222-06-0175	175MM
222-06-0200	200MM
222-06-0250	250MM
222-06-0300	300MM
222-06-0400	400MM
222-06-0500	500MM

## SPRING TYPE INSIDE DIVIDER



ART. NO.	RANGE
222-07-0125	125MM
222-07-0150	150MM
222-07-0175	175MM
222-07-0200	200MM
222-07-0250	250MM
222-07-0300	300MM
222-07-0400	400MM
222-07-0500	500MM

## OUTSIDE DIVIDER



ART. NO.	RANGE
222-08-0125	125MM
222-08-0150	150MM
222-08-0175	175MM
222-08-0200	200MM
222-08-0250	250MM
222-08-0300	300MM
222-08-0400	400MM
222-08-0500	500MM

## SPRING TYPE OUTSIDE DIVIDER



ART. NO.	RANGE
222-09-0125	125MM
222-09-0150	150MM
222-09-0175	175MM
222-09-0200	200MM
222-09-0250	250MM
222-09-0300	300MM
222-09-0400	400MM
222-09-0500	500MM

## OUTSIDE DIVIDER WITH SCALE



ART. NO.	RANGE
222-10-0010	0-10MM
222-10-0015	0-15MM
222-10-0020	0-20MM

## SCRIBER



222-11-01



222-11-02



222-11-03

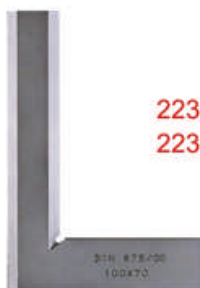


222-11-04





## 90° KNIFE EDGE SQUARE DIN875/00



223-01-S050 STAINLESS STEEL  
223-01-C050 CARBON STEEL

ART. NO.	ART. NO.	DIMENSION
223-01-S050	223-01-C050	50X40MM
223-01-S075	223-01-C075	75X50MM
223-01-S100	223-01-C100	100X70MM
223-01-S150	223-01-C150	150X100MM
223-01-S200	223-01-C200	200X130MM
223-01-S250	223-01-C250	250X165MM
223-01-S300	223-01-C300	300X200MM

## 90° KNIFE EDGE SQUARE, WIDE BASE DIN875/00



223-02-S050 STAINLESS STEEL  
223-02-C050 CARBON STEEL

ART. NO.	ART. NO.	DIMENSION
223-02-S050	223-02-C050	50X40MM
223-02-S075	223-02-C075	75X50MM
223-02-S100	223-02-C100	100X70MM
223-02-S150	223-02-C150	150X100MM
223-02-S200	223-02-C200	200X130MM
223-02-S250	223-02-C250	250X165MM
223-02-S300	223-02-C300	300X200MM

## 90° SINGLE KNIFE EDGE SQUARE, STAINLESS STEEL, DIN875/00



ART. NO.	DIMENSION
223-03-S0025	25X20MM
223-03-S0040	40X28MM

## 90° FLAT SQUARE, WIDE BASE DIN875/0



223-04-S050 STAINLESS STEEL  
223-04-C050 CARBON STEEL

ART. NO.	ART. NO.	DIMENSION
223-04-S050	223-04-C050	50X40MM
223-04-S075	223-04-C075	75X50MM
223-04-S100	223-04-C100	100X70MM
223-04-S150	223-04-C150	150X100MM
223-04-S200	223-04-C200	200X130MM
223-04-S250	223-04-C250	250X165MM
223-04-S300	223-04-C300	300X200MM



223-05-S050 STAINLESS STEEL  
223-05-C050 CARBON STEEL

### 90° FLAT SQUARE, DIN875/I

ART. NO.	ART. NO.	DIMENSION
223-05-S050	223-05-C050	50X40MM
223-05-S075	223-05-C075	75X50MM
223-05-S100	223-05-C100	100X70MM
223-05-S150	223-05-C150	150X100MM
223-05-S200	223-05-C200	200X130MM
223-05-S250	223-05-C250	250X165MM
223-05-S300	223-05-C300	300X200MM

### 90° FLAT SQUARE, DIN875/I

ART. NO.	ART. NO.	DIMENSION
223-06-S050	223-06-C050	50X40MM
223-06-S075	223-06-C075	75X50MM
223-06-S100	223-06-C100	100X70MM
223-06-S150	223-06-C150	150X100MM
223-06-S200	223-06-C200	200X130MM
223-06-S250	223-06-C250	250X165MM
223-06-S300	223-06-C300	300X200MM
---	223-06-C400	400X265MM
---	223-06-C500	500X330MM

### 90° FLAT SQUARE, DIN875/II

ART. NO.	ART. NO.	DIMENSION
223-07-S050	223-07-C050	50X40MM
223-07-S075	223-07-C075	75X50MM
223-07-S100	223-07-C100	100X70MM
223-07-S150	223-07-C150	150X100MM
223-07-S200	223-07-C200	200X130MM
223-07-S250	223-07-C250	250X165MM
223-07-S300	223-07-C300	300X200MM
---	223-07-C400	400X265MM
---	223-07-C500	500X330MM
---	223-07-C600	600X400MM



223-08-S050 STAINLESS STEEL  
223-08-C050 CARBON STEEL

### 90° FLAT SQUARE, WITH BASE, DIN875/0

ART. NO.	ART. NO.	DIMENSION
223-08-S050	223-08-C050	50X40MM
223-08-S075	223-08-C075	75X50MM
223-08-S100	223-08-C100	100X70MM
223-08-S150	223-08-C150	150X100MM
223-08-S200	223-08-C200	200X130MM
223-08-S250	223-08-C250	250X165MM
223-08-S300	223-08-C300	300X200MM

### 90° FLAT SQUARE, WITH BASE, DIN875/I

ART. NO.	ART. NO.	DIMENSION
223-09-S050	223-09-C050	50X40MM
223-09-S075	223-09-C075	75X50MM
223-09-S100	223-09-C100	100X70MM
223-09-S150	223-09-C150	150X100MM
223-09-S200	223-09-C200	200X130MM
223-09-S250	223-09-C250	250X165MM
223-09-S300	223-09-C300	300X200MM
---	223-09-C400	400X265MM
---	223-09-C500	500X330MM

### 90° FLAT SQUARE, WITH BASE, DIN875/II

ART. NO.	ART. NO.	DIMENSION
223-10-S050	223-10-C050	50X40MM
223-10-S075	223-10-C075	75X50MM
223-10-S100	223-10-C100	100X70MM
223-10-S150	223-10-C150	150X100MM
223-10-S200	223-10-C200	200X130MM
223-10-S250	223-10-C250	250X165MM
223-10-S300	223-10-C300	300X200MM
---	223-10-C400	400X265MM
---	223-10-C500	500X330MM
---	223-10-C600	600X400MM





## 90° KNIFE EDGE SQUARE DIN875/00



223-01-S050 STAINLESS STEEL  
223-01-C050 CARBON STEEL

ART. NO.	ART. NO.	DIMENSION
223-01-S050	223-01-C050	50X40MM
223-01-S075	223-01-C075	75X50MM
223-01-S100	223-01-C100	100X70MM
223-01-S150	223-01-C150	150X100MM
223-01-S200	223-01-C200	200X130MM
223-01-S250	223-01-C250	250X165MM
223-01-S300	223-01-C300	300X200MM

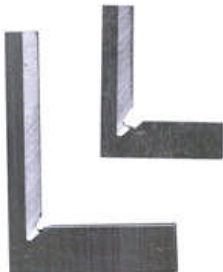
## 90° KNIFE EDGE SQUARE, WIDE BASE DIN875/00



223-02-S050 STAINLESS STEEL  
223-02-C050 CARBON STEEL

ART. NO.	ART. NO.	DIMENSION
223-02-S050	223-02-C050	50X40MM
223-02-S075	223-02-C075	75X50MM
223-02-S100	223-02-C100	100X70MM
223-02-S150	223-02-C150	150X100MM
223-02-S200	223-02-C200	200X130MM
223-02-S250	223-02-C250	250X165MM
223-02-S300	223-02-C300	300X200MM

## 90° SINGLE KNIFE EDGE SQUARE, STAINLESS STEEL, DIN875/00



ART. NO.	DIMENSION
223-03-S0025	25X20MM
223-03-S0040	40X28MM

## 90° FLAT SQUARE, WIDE BASE DIN875/0

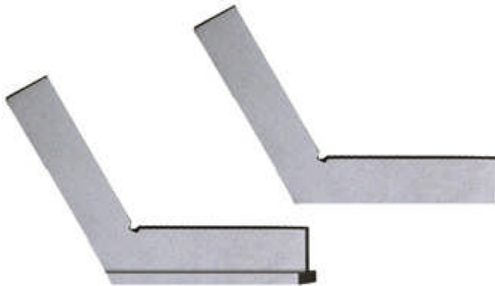


223-04-S050 STAINLESS STEEL  
223-04-C050 CARBON STEEL

ART. NO.	ART. NO.	DIMENSION
223-04-S050	223-04-C050	50X40MM
223-04-S075	223-04-C075	75X50MM
223-04-S100	223-04-C100	100X70MM
223-04-S150	223-04-C150	150X100MM
223-04-S200	223-04-C200	200X130MM
223-04-S250	223-04-C250	250X165MM
223-04-S300	223-04-C300	300X200MM



## 120° FLAT SQUARE, DIN875/II CARBON STEEL



223-17-0050 WITHOUT BASE  
223-18-0050 WITH BASE

ART. NO.	ART. NO.	DIMENSION
223-17-0050	223-18-0050	50X50MM
223-17-0075	223-18-0075	75X75MM
223-17-0100	223-18-0100	100X100MM
223-17-0125	223-18-0125	125X125MM
223-17-0150	223-18-0150	150X150MM
223-17-0200	223-18-0200	200X200MM

## 135° FLAT SQUARE, DIN875/II CARBON STEEL

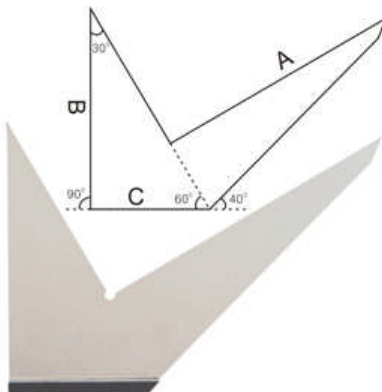


223-19-0050 WITHOUT BASE  
223-20-0050 WITH BASE

ART. NO.	ART. NO.	DIMENSION
223-19-0050	223-20-0050	50X50MM
223-19-0075	223-20-0075	75X75MM
223-19-0100	223-20-0100	100X100MM
223-19-0125	223-20-0125	125X125MM
223-19-0150	223-20-0150	150X150MM
223-19-0200	223-20-0200	200X200MM

## ADJUSTABLE SQUARE

### FLANGED DOUBLE-MITRE SQUARE DIN 875/ II



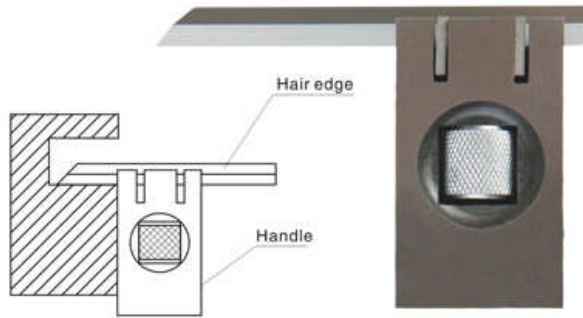
ART. NO.	AxBxC (mm)
223-21-0107	107X92X47
223-21-0128	128X110X59
223-21-0155	155X130X70
223-21-0207	207X175X94
223-21-0271	271X227X118
223-21-0303	303X265X143



ART. NO.	DIMENSION
223-22-0150	150MM
223-22-0200	200MM
223-22-0250	250MM
223-22-0300	300MM
223-22-0400	400MM
223-22-0500	500MM



## ADJUSTABLE HAIR SQUARE, DIN875/00



ART.NO.	DIMENSION	SECTION
223-23-0040	40X23X10MM	60X4X4MM
223-23-0075	75X30X12MM	125X8X8MM

## DIAL SQUARE MASTER



ART. NO.	RANGE	READING	ACCURACY
223-24-0300	300MM	0.001MM	0.003/300MM
223-24-0500	500MM	0.001MM	0.005/500MM

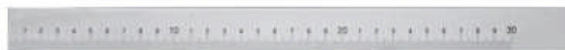
## STRAIGHT RULE, KNIFE EDGE, DIN874/00



223-25-S050 STAINLESS STEEL  
223-25-C050 CARBON STEEL

ART. NO.	ART. NO.	SIZE
223-25-S050	223-25-C050	50MM
223-25-S075	223-25-C075	75MM
223-25-S100	223-25-C100	100MM
223-25-S125	223-25-C125	125MM
223-25-S150	223-25-C150	150MM
223-25-S175	223-25-C175	175MM
223-25-S200	223-25-C200	200MM
223-25-S250	223-25-C250	250MM
223-25-S300	223-25-C300	300MM
223-25-S400	223-25-C400	400MM
223-25-S500	223-25-C500	500MM
223-25-S600	223-25-C600	600MM

## STRAIGHT RULE, DIN866/ II



223-26-0500 FLAT EDGE



223-27-0500 BEVELLED EDGE

ART. NO.	ART. NO.	SIZE (MM)
223-26-0500	223-27-0500	500x25x5
223-26-1000	223-27-1000	1000x32x6
223-26-1500	223-27-1500	1500x32x6
223-26-2000	223-27-2000	2000x40x8
223-26-2500	223-27-2500	2500x40x8
223-26-3000	223-27-3000	3000x40x8

## CERAMIC GAUGE BLOCK



PIECES	ART. NO.			NOMINAL SIZE (MM)	STEP (MM)	QTY. OF BLOCKS
	GR.K	GR.0	GR.1			
120PCS	225-03-K001	225-03-0001	225-03-1001	1.001-1.009	0.001	9
				1.01-1.49	0.01	49
				1.6-1.9	0.1	4
				0.5-24.5	0.5	49
				25	---	1
				30-100	10	8
112PCS	225-03-K002	225-03-0002	225-03-1002	1.0005	---	1
				1.001-1.009	0.001	9
				1.01-1.49	0.01	49
				0.5-24.5	0.5	49
				25-100	25	4
103PCS	225-03-K003	225-03-0003	225-03-1003	1.005	---	1
				1.01-1.49	0.01	49
				0.5-24.5	0.5	49
				25-100	25	4
87PCS	225-03-K004	225-03-0004	225-03-1004	1.001-1.009	0.001	9
				1.01-1.49	0.01	49
				0.5-9.5	0.5	19
				10-100	10	10
38PCS	225-03-K005	225-03-0005	225-03-1005	1.005	---	1
				1-1.1	0.01	11
				1.2-2	0.1	9
				3-10	1	8
				20-100	10	9
32PCS	225-03-K006	225-03-0006	225-03-1006	1.005; 50	---	2
				1.01-1.09	0.01	9
				1.10-1.90	0.1	9
				1.00-9.00	1	9
				10-30	10	3
19PCS	225-03-K007	225-03-0007	225-03-1007	1-9	1	9
				10-100	10	10





## CARBIDE GAUGE BLOCK



PIECES	ART. NO.		NOMINAL SIZE (MM)	STEP (MM)	QTY. OF BLOCKS
	GR. I	GR. II			
112PCS	225-02-1001	225-02-2001	1.0005	---	1
			1.001-1.009	0.001	9
			1.01-1.49	0.01	49
			05-24.5	0.5	49
			25-100	25	4
103PCS	225-02-1002	225-02-2002	1.0005	---	1
			1.01-1.49	0.01	49
			0.5-24.5	0.5	49
			25-100	25	4
83PCS	225-02-1003	225-02-2003	1.005	---	1
			1.01-1.49	0.01	49
			1.6-1.9	0.1	4
			0.5-9.5	0.5	19
			10-100	10	10
47PCS	225-02-1004	225-02-2004	1.005	---	1
			1.01-1.09	0.01	9
			1.1-1.9	0.1	9
			1-24	1	24
			25-100	25	4
38PCS	225-02-1005	225-02-2005	1.005	---	1
			1.01-1.09	0.01	9
			1.1-1.9	0.1	9
			1-9	1	9
			10-100	10	10

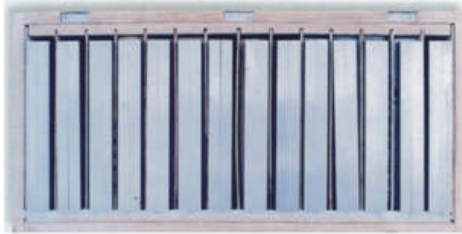
## STEEL GAUGE BLOCK



PIECES	ART. NO.			NOMINAL SIZE (MM)	STEP (MM)	QTY. OF BLOCKS
	GR.0	GR.I	GR.II			
112PCS	225-01-0001	225-01-1001	225-01-2001	1.0005	---	1
				1.001-1.009	0.001	9
				1.01-1.49	0.01	49
				05-24.5	0.5	49
				25-100	25	4
103PCS	225-01-0002	225-01-1002	225-01-2002	1.0005	---	1
				1.01-1.49	0.01	49
				0.5-24.5	0.5	49
				25-100	25	4
83PCS	225-01-0003	225-01-1003	225-01-2003	1.005	---	1
				1.01-1.49	0.01	49
				1.6-1.9	0.1	4
				0.5-9.5	0.5	19
				10-100	10	10
47PCS	225-01-0004	225-01-1004	225-01-2004	1.005	---	1
				1.01-1.09	0.01	9
				1.1-1.9	0.1	9
				1-24	1	24
47PCS-B	225-01-0005	225-01-1005	225-01-2005	25-100	25	4
				1.005	---	1
				1.01-1.20	0.01	20
				1.3-1.9	0.1	7
				1-9	1	9
38PCS	225-01-0006	225-01-1006	225-01-2006	10-100	10	10
				1.005	---	1
				1.01-1.09	0.01	9
				1.1-1.9	0.1	9
				1-9	1	9
10PCS	225-01-0007	225-01-1007	225-01-2007	100-1000	100	10
8PCS	225-01-0008	225-01-1008	225-01-2008	125、150、175	---	8
				200、250、300		
				400、500		



## PARALLEL SUPPORT SET



Hardness: 55-62HRC  
Accuracy: 0.01mm  
Parallelism (W x H): 0.005mm

PIECES	ART. NO.	DIMENSION	HEIGHT	2PCS/PAIR
14 PAIRS	225-04-0001	150X10MM	14, 16, 18, 20, 22, 24, 26,	
	225-04-0002	200X10MM	28, 30, 32, 35, 40, 45, 50	

## STEEL PIN GAUGE



ART. NO.		NOMINAL SIZE (MM)	STEP (MM)	QTY. OF BLOCKS
TOLERANCE $\pm 1\mu\text{m}$	TOLERANCE $\pm 2\mu\text{m}$			
225-05-1001	225-05-2001	0.3-1.0	0.01	71
225-05-1002	225-05-2002	0.3-3.0	0.1	28
225-05-1003	225-05-2003	0.3-5.0	0.1	48
225-05-1004	225-05-2004	1.0-5.0	0.1	41
225-05-1005	225-05-2005	1.01-2.0	0.01	100
225-05-1006	225-05-2006	2.01-3.0	0.01	100
225-05-1007	225-05-2007	3.01-4.0	0.01	100
225-05-1008	225-05-2008	4.01-5.0	0.01	100
225-05-1009	225-05-2009	5.01-6.0	0.01	100
225-05-1010	225-05-2010	6.01-7.0	0.01	100
225-05-1011	225-05-2011	7.01-8.0	0.01	100
225-05-1012	225-05-2012	8.01-9.0	0.01	100
225-05-1013	225-05-2013	9.01-10.0	0.01	100

## CERAMIC PIN GAUGE

- ▶ Accuracy  $\pm 1\mu\text{m}$
- ▶ roundness  $\leq 0.8\mu\text{m}$
- ▶ length 38mm (for range 1.00-3.49mm)  
48mm (for range 3.50-10.00mm)



ART. NO.	RANGE(MM)	ART. NO.	RANGE(MM)	STEPS(MM)	PCS/SET
225-06-01	1.00-1.50	225-06-10	5.50-6.00	0.01	51
225-06-02	1.50-2.00	225-06-11	6.00-6.50		
225-06-03	2.00-2.50	225-06-12	6.50-7.00		
225-06-04	2.50-3.00	225-06-13	7.00-7.50		
225-06-05	3.00-3.50	225-06-14	7.50-8.00		
225-06-06	3.50-4.00	225-06-15	8.00-8.50		
225-06-07	4.00-4.50	225-06-16	8.50-9.00		
225-06-08	4.50-5.00	225-06-17	9.00-9.50		
225-06-09	5.00-5.50	225-06-18	9.50-10.00		



## STEEL CONTROL GAUGE BLOCK



FOR CALIPER		
ART. NO.	GRADE	CONTENT
225-07-1001	GR.I	41.3-131.4MM + RING GAUGE 20MM
225-07-2001	GR.II	
225-07-1002	GR.I	41.3-131.4-243.5MM + RING GAUGE 20MM
225-07-2002	GR.II	
225-07-1003	GR.I	41.3-131.4-243.5-281.2MM + RING GAUGE 20MM
225-07-2003	GR.II	
225-07-1004	GR.I	41.3-131.4-243.5-281.2-481.2MM
225-07-2004	GR.II	

FOR MICROMETER		
ART. NO.	GRADE	CONTENT
225-07-0005	GR.0	2.5-5.1-7.7-10.3-12.9-15.0-17.6 20.2-22.8-25
225-07-1005	GR.I	
225-07-0006	GR.0	25-30.1-31.5-32.7-35.3-37.9 40.0-42.6-45.2-47.8-50
225-07-1006	GR.I	
225-07-0007	GR.0	50-52.5-55.1-57.7-60.3-62.9 65.0-67.6-70.2-72.8-75
225-07-1007	GR.I	
225-07-0008	GR.0	75-77.5-80.1-82.7-85.3-87.9 90.0-92.6-95.2-97.8-100
225-07-1008	GR.I	

## SURFACE ROUGHNESS COMPARISON



PIECES	ART. NO.	CONTENT	Ra (µm)
27PCS/SET	225-08-0001	LATHING	0.8-1.6-3.2-6.3
		SHAPING	0.8-1.6-3.2-6.3
		Vertical milling	0.8-1.6-3.2-6.3
		Plain milling	0.8-1.6-3.2-6.3
		Plain grinding	0.100-0.200-0.400-0.800
		External grinding	0.100-0.200-0.400-0.800
		Plat lapping	0.025-0.05-0.10
PIECES	ART. NO.	CONTENT	Ra (µm)
30PCS/SET	225-08-0002	LATHING	0.4-0.8-1.6-3.2-6.3-12.5
		Vertical milling	0.4-0.8-1.6-3.2-6.3-12.5
		Plain milling	0.4-0.8-1.6-3.2-6.3-12.5
		Plain grinding	0.05-0.1-0.2-0.4-0.8-1.6
		External grinding	0.2-0.4-0.8-1.6
		Plat lapping	0.05-0.1



## MEASURING WIRE, 3PCS/SET



Minimum quantity reach 50pcs,  
can supply any diameter

ART. NO.	DIAMETER (MM)	TOLERANCE LIMITS
225-09-0001	0.118	± 0.0005MM
225-09-0002	0.142	
225-09-0003	0.185	
225-09-0004	0.250	
225-09-0005	0.291	
225-09-0006	0.343	
225-09-0007	0.433	
225-09-0008	0.511	
225-09-0009	0.572	
225-09-0010	0.742	
225-09-0011	0.796	
225-09-0012	0.866	
225-09-0013	1.008	
225-09-0014	1.157	
225-09-0015	1.302	
225-09-0016	1.441	
225-09-0017	1.553	
225-09-0018	1.732	
225-09-0019	1.833	
225-09-0020	2.050	
225-09-0021	2.311	
225-09-0022	2.595	
225-09-0023	2.886	
225-09-0024	3.106	
225-09-0025	3.177	
225-09-0026	3.550	
225-09-0027	4.120	
225-09-0028	4.400	
225-09-0029	4.773	
225-09-0030	5.150	
225-09-0031	6.212	

## MEASURING WIRE HOLDER



SUPPORTED DIAMETER φ6.5		SUPPORTED DIAMETER φ8	
ART. NO.	RANGE	ART. NO.	RANGE
225-10-0001	φ0.17-φ0.30	225-10-0011	φ0.17-φ0.30
225-10-0002	φ0.30-φ0.50	225-10-0012	φ0.30-φ0.50
225-10-0003	φ0.50-φ0.80	225-10-0013	φ0.50-φ0.80
225-10-0004	φ0.80-φ1.10	225-10-0014	φ0.80-φ1.10
225-10-0005	φ1.20-φ1.50	225-10-0015	φ1.20-φ1.50
225-10-0006	φ1.60-φ2.00	225-10-0016	φ1.60-φ2.00
225-10-0007	φ2.30-φ2.60	225-10-0017	φ2.30-φ2.60
225-10-0008	φ2.80-φ3.20	225-10-0018	φ2.80-φ3.20

## HOLDING DEVICE



ART. NO.	CAPACITY
225-11-01	50MM
225-11-02	100MM
225-11-03	200MM
225-11-04	300MM
225-11-05	400MM
225-11-06	500MM

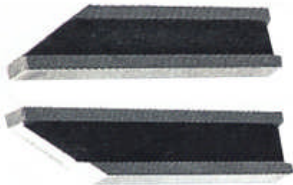
## BASE



L=Length  
W=Width  
T=Thickness

ART. NO.	LxWxT (mm)
225-12	60x50x25

## PARALLEL JAW



L=Length  
W=Width  
T=Thickness

ART. NO.	TxWxL (mm)
225-13	8x19x100

## RADIUS CYLINDRICAL JAW



ART. NO.	RADIUS
225-14-01	R2x10MM
225-14-02	R5x15MM
225-14-03	R10x40MM

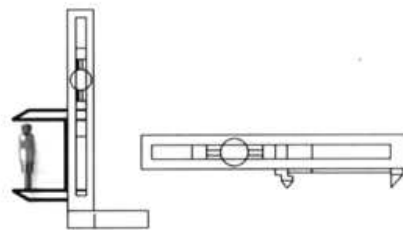
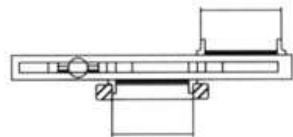
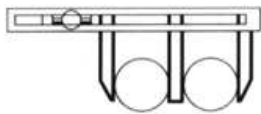




## CENTRE POINT



ART. NO.	SIZE
225-15	φ 8x8MM



## SCRIBER POINT



ART. NO.	SIZE
225-16	15MM

## BEVELLED END JAW



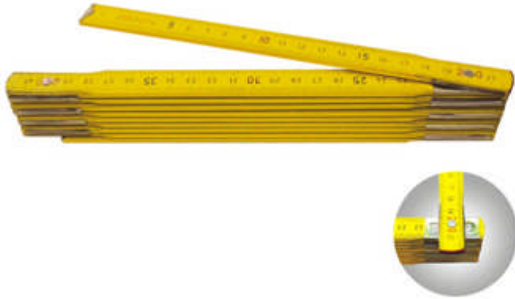
ART. NO.	MAX. NOMINAL SIZE	TOTAL LENGTH
225-17	φ 60	65MM

## GAUGE BLOCK ACCESSORIES SETS



ART. NO.	PIECES	HOLDING DEVICE	RADIUS CYLINDRICAL JAW	BEVELLED END JAW	STRAIGHT EDGE RULER	SCRIBER POINT	CENTER POINT	KNIFE EDGE JAW	BASE
225-18-0008	8PCS	50; 100; 200MM	2; 5MM	---	---	WITH	WITH	---	WITH
225-18-0010	10PCS	50; 100; 200MM	5; 5; 10MM	100MM	---	WITH	WITH	WITH	---
225-18-0012	12PCS	50; 100; 200MM	5; 5; 10MM	100MM	100MM	WITH	WITH	WITH	WITH

## WOODEN FOLDING RULE, NORMAL RIVET, 2M 10F



Any color as per customer's option  
Full graduation or advertisement graduation available

ART. NO.	DESCRIPTION
<b>FULL GRADUATION</b>	
227-01-0001	2M 10F WHITE COLOR
227-01-0002	2M 10F YELLOW COLOR
227-01-0003	2M 10F NEUTRAL COLOR
227-01-0004	2M 10F WHITE/YELLOW COLOR
<b>ADVERTISEMENT GRADUATION</b>	
227-01-0011	2M 10F WHITE COLOR
227-01-0012	2M 10F YELLOW COLOR
227-01-0013	2M 10F NEUTRAL COLOR
227-01-0014	2M 10F WHITE/YELLOW COLOR

## WOODEN FOLDING RULE, NORMAL RIVET, 1M 10F



Any color as per customer's option  
Full graduation or advertisement graduation available

ART. NO.	DESCRIPTION
<b>FULL GRADUATION</b>	
227-02-0001	1M 10F WHITE COLOR
227-02-0002	1M 10F YELLOW COLOR
227-02-0003	1M 10F NEUTRAL COLOR
227-02-0004	1M 10F WHITE/YELLOW COLOR
<b>ADVERTISEMENT GRADUATION</b>	
227-02-0011	1M 10F WHITE COLOR
227-02-0012	1M 10F YELLOW COLOR
227-02-0013	1M 10F NEUTRAL COLOR
227-02-0014	1M 10F WHITE/YELLOW COLOR

## WOODEN FOLDING RULE, NORMAL RIVET, 1M 5F

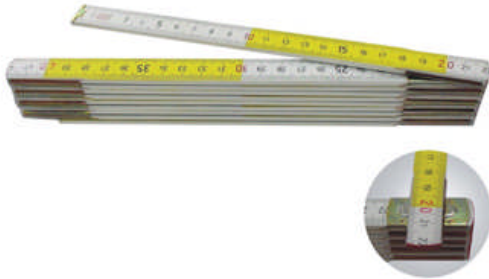


Any color as per customer's option  
Full graduation or advertisement graduation available

ART. NO.	DESCRIPTION
<b>FULL GRADUATION</b>	
227-03-0001	1M 5F WHITE COLOR
227-03-0002	1M 5F YELLOW COLOR
227-03-0003	1M 5F NEUTRAL COLOR
227-03-0004	1M 5F WHITE/YELLOW COLOR
<b>ADVERTISEMENT GRADUATION</b>	
227-03-0011	1M 5F WHITE COLOR
227-03-0012	1M 5F YELLOW COLOR
227-03-0013	1M 5F NEUTRAL COLOR
227-03-0014	1M 5F WHITE/YELLOW COLOR



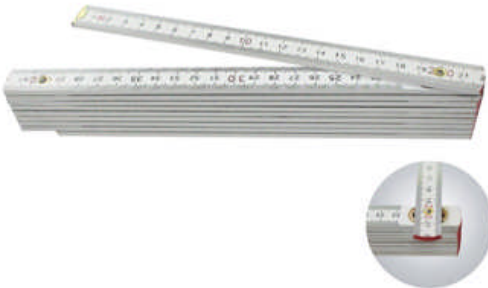
## WOODEN FOLDING RULE, SPRING JOINT, 2M 10F TYPE I



Any color as per customer's option  
Full graduation or advertisement graduation available

ART. NO.	DESCRIPTION
<b>FULL GRADUATION</b>	
227-04-0001	2M 10F WHITE COLOR
227-04-0002	2M 10F YELLOW COLOR
227-04-0003	2M 10F NEUTRAL COLOR
227-04-0004	2M 10F WHITE/YELLOW COLOR
<b>ADVERTISEMENT GRADUATION</b>	
227-04-0011	2M 10F WHITE COLOR
227-04-0012	2M 10F YELLOW COLOR
227-04-0013	2M 10F NEUTRAL COLOR
227-04-0014	2M 10F WHITE/YELLOW COLOR

## WOODEN FOLDING RULE, SPRING JOINT, 2M 10F, TYPE II



Any color as per customer's option  
Full graduation or advertisement graduation available

ART. NO.	DESCRIPTION
<b>FULL GRADUATION</b>	
227-05-0001	2M 10F WHITE COLOR
227-05-0002	2M 10F YELLOW COLOR
227-05-0003	2M 10F NEUTRAL COLOR
227-05-0004	2M 10F WHITE/YELLOW COLOR
<b>ADVERTISEMENT GRADUATION</b>	
227-05-0011	2M 10F WHITE COLOR
227-05-0012	2M 10F YELLOW COLOR
227-05-0013	2M 10F NEUTRAL COLOR
227-05-0014	2M 10F WHITE/YELLOW COLOR

## ALUMINIUM FOLDING RULE, 2M 10F

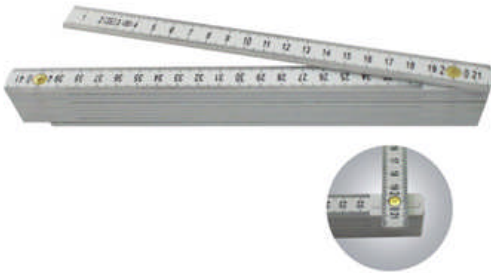


ART. NO.	DESCRIPTION
<b>FULL GRADUATION</b>	
227-06-0001	2M 10F WHITE COLOR
227-06-0002	2M 10F BLACK COLOR





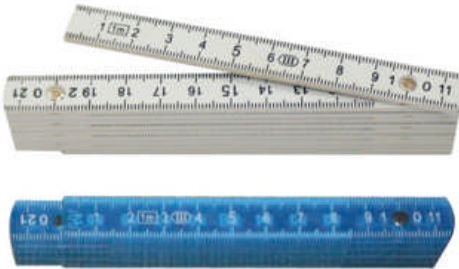
## PLASTIC FOLDING RULE 2M 10F THERMO-PRINTING GRADUATION



Any color as per customer's option  
Full graduation or advertisement graduation available

ART. NO.	DESCRIPTION
<b>FULL GRADUATION</b>	
227-07-0001	2M 10F WHITE COLOR
227-07-0002	2M 10F RED COLOR
227-07-0003	2M 10F BLUE COLOR
227-07-0004	2M 10F GREEN COLOR
<b>ADVERTISEMENT GRADUATION</b>	
227-07-0011	2M 10F WHITE COLOR
227-07-0012	2M 10F RED COLOR
227-07-0013	2M 10F BLUE COLOR
227-07-0014	2M 10F GREEN COLOR

## PLASTIC FOLDING RULE 1M 10F THERMO-PRINTING GRADUATION



Any color as per customer's option  
Full graduation or advertisement graduation available

ART. NO.	DESCRIPTION
<b>FULL GRADUATION</b>	
227-08-0001	1M 10F WHITE COLOR
227-08-0002	1M 10F RED COLOR
227-08-0003	1M 10F BLUE COLOR
227-08-0004	1M 10F GREEN COLOR
<b>ADVERTISEMENT GRADUATION</b>	
227-08-0011	1M 10F WHITE COLOR
227-08-0012	1M 10F RED COLOR
227-08-0013	1M 10F BLUE COLOR
227-08-0014	1M 10F GREEN COLOR

## PLASTIC FOLDING RULE 0.5M 10F THERMO-PRINTING GRADUATION



Any color as per customer's option

ART. NO.	DESCRIPTION
227-09-0001	0.5M 10F WHITE COLOR
227-09-0002	0.5M 10F RED COLOR
227-09-0003	0.5M 10F BLUE COLOR
227-09-0004	0.5M 10F GREEN COLOR



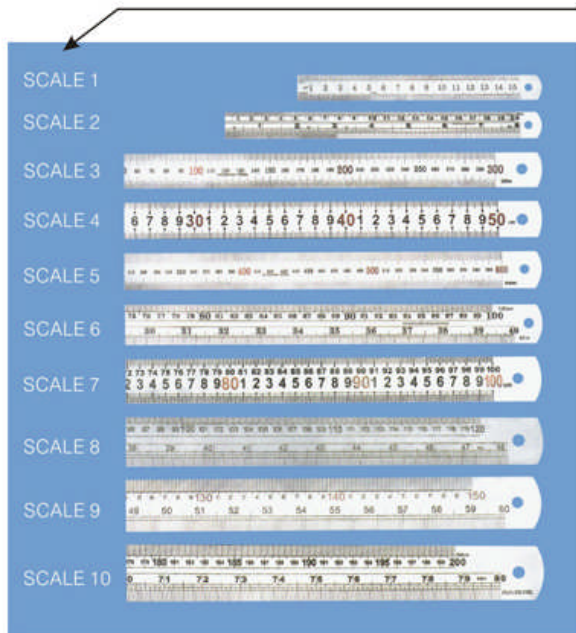
## PLASTIC CARPENTER FOLDING RULE 1M 4F



Any color as per customer's option

ART. NO.	DESCRIPTION
227-10-0001	1M 4F WHITE COLOR
227-10-0002	1M 4F YELLOW COLOR
227-10-0003	1M 4F BLUE COLOR
227-10-0004	1M 4F BLACK COLOR

## STRAIGHT RULE, STAINLESS STEEL



PLEASE SELECT SCALE

ART. NO.	DIMENSION	Q' ty/ctn
227-11-0150	150x18x0.8MM	600pcs
227-11-0200	200x18x0.8MM	600pcs
227-11-0300	300x25x1.0MM	300pcs
227-11-0500	500x30x1.2MM	120pcs
227-11-0600	600x30x1.2MM	100pcs
227-11-1001	1000x32x1.5MM	60pcs
227-11-1002	1000x35x1.8MM	60pcs
227-11-1200	1200x35x1.8MM	60pcs
227-11-1500	1500x38x1.8MM	30pcs
227-11-2000	2000x40x2.0MM	30pcs

## TUBE LEVELS



ART. NO. 227-12

2pcs/pair

### FRAME LEVEL



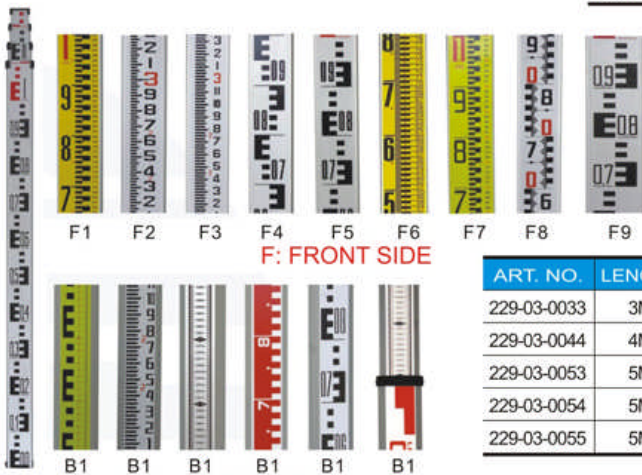
ART. NO.	SIZE	READING
229-01-0101	100x100x32MM	0.02MM
229-01-0102	100x100x32MM	0.05MM
229-01-0151	150x150x38MM	0.02MM
229-01-0152	150x150x38MM	0.05MM
229-01-0201	200x200x40MM	0.02MM
229-01-0202	200x200x40MM	0.05MM
229-01-0251	250x250x42MM	0.02MM
229-01-0252	250x250x42MM	0.05MM
229-01-0301	300x300x45MM	0.02MM
229-01-0302	300x300x45MM	0.05MM

### MASTER LEVEL



ART. NO.	SIZE	READING
229-02-0084	84x20x21MM	0.45MM
229-02-0101	100x30x35MM	0.02MM
229-02-0102	100x30x35MM	0.05MM
229-02-0151	150x40x44MM	0.02MM
229-02-0152	150x40x44MM	0.05MM
229-02-0201	200x46x46MM	0.02MM
229-02-0202	200x46x46MM	0.05MM
229-02-0251	250x46x46MM	0.02MM
229-02-0252	250x46x46MM	0.05MM
229-02-0301	300x46x46MM	0.02MM
229-02-0302	300x46x46MM	0.05MM

### TELESCOPIC ROD



F: FRONT SIDE

B: BACK SIDE

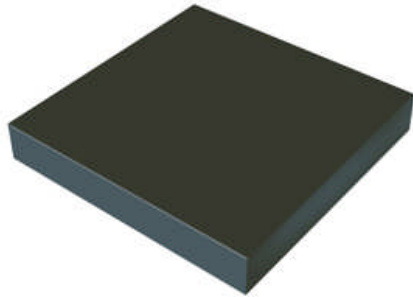
Any front-side scale can be matched with any back-side scale, and we also can scale the rod according to the customer request.

ART. NO.	LENGTH	SECTION	WEIGHT	PACKAGE
229-03-0033	3M	3	1.1KGS	10PCS/CTN
229-03-0044	4M	4	1.4KGS	10PCS/CTN
229-03-0053	5M	3	1.8KGS	10PCS/CTN
229-03-0054	5M	4	1.7KGS	10PCS/CTN
229-03-0055	5M	5	1.6KGS	10PCS/CTN





## GRANITE PLATE



ART. NO.	DIMENSION	GRADE
231-01-0250	250x160x40MM	DIN/0
231-01-0400	400x250x60MM	DIN/0
231-01-0500	500x315x70MM	DIN/0
231-01-0630	630x400x80MM	DIN/0
231-01-0800	800x500x100MM	DIN/0
231-01-1000	1000x600x140MM	DIN/0
231-01-0251	250x160x40MM	DIN/I
231-01-0401	400x250x60MM	DIN/I
231-01-0501	500x315x70MM	DIN/I
231-01-0631	630x400x80MM	DIN/I
231-01-0801	800x500x100MM	DIN/I
231-01-1001	1000x600x140MM	DIN/I

## CAST IRON PLATE



ART. NO.	DIMENSION	GRADE
231-02-0201	200x300MM	DIN/I
231-02-0301	300x400MM	DIN/I
231-02-0401	400x500MM	DIN/I
231-02-0501	500x800MM	DIN/I
231-02-0801	800x1200MM	DIN/I
231-02-1001	1000x1200MM	DIN/I
231-02-0202	200x300MM	DIN/II
231-02-0302	300x400MM	DIN/II
231-02-0402	400x500MM	DIN/II
231-02-0502	500x800MM	DIN/II
231-02-0802	800x1200MM	DIN/II
231-02-1002	1000x1200MM	DIN/II
231-02-0203	200x300MM	DIN/III
231-02-0303	300x400MM	DIN/III
231-02-0403	400x500MM	DIN/III
231-02-0503	500x800MM	DIN/III
231-02-0803	800x1200MM	DIN/III
231-02-1003	1000x1200MM	DIN/III

Plain ring gauges

Art. No.:232-01



Nominal $\Phi$				
5	20	35	58	98
6	21	36	60	100
7	22	37	62	105
8	23	38	65	110
9	24	39	68	115
10	25	40	70	120
11	26	42	72	125
12	27	44	75	130
13	28	45	80	135
14	29	46	82	150
15	30	47	85	
16	31	48	88	
17	32	50	90	
18	33	52	92	
19	34	55	95	

Plain plug gauges

Art. No.:232-02



Including non-full form

Nominal $\Phi$				
1.8	16	34	62	120
2	17	35	65	125
2.5	18	36	68	130
3	19	37	70	
3.5	20	38	72	
4	21	39	75	
4.5	22	40	80	
5	23	42	82	
6	24	44	85	
7	25	45	88	
8	26	46	90	
9	27	47	92	
10	28	48	95	
11	29	50	98	
12	30	52	100	
13	31	55	105	
14	32	58	110	
15	33	60	115	



## American standard thread ring gauges Art. No.:232-03



Coarse thread UNC				
NO.4-40	NO.12-24	1/2" -13	1" -8	1 3/4" -5
NO.5-40	1/4" -20	9/16" -12	1 1/8" -7	2" -4 1/2
NO.6-32	5/16" -16	5/8" -11	1 1/4" -7	1 3/4" -4 1/2
NO.8-32	3/8" -16	3/4" -10	1 3/8" -6	
NO.10-32	7/16" -14	7/8" -9	1 1/2" -6	

Fine thread UNF				
NO.5-44	NO.12-28	7/16" -20	3/4" -16	1 1/4" -12
NO.6-40	1/4" -28	1/2" -20	7/8" -14	1 3/8" -12
NO.8-36	5/16" -24	6/16" -18	1" -12	1 1/2" -12
NO.10-32	3/8" -24	5/8" -18	1 1/8" -12	2" -12

Fine thread UNC				
NO.12-32	1/2" -28	1 1/16" -20	1 1/8" -18	1 7/16" -18
1/4" -32	9/16" -24	7/8" -20	1 3/16" -18	1 1/2" -18
5/16" -32	5/8" -24	1 5/16" -20	1 1/4" -18	1 5/8" -18
3/8" -32	1 1/16" -24	1" -20	1 5/8" -18	1 5/8" -18
7/16" -28	3/4" -20	1 1/16" -18	3/8" -18	1 5/8" -18

## American standard thread plug gauges Art. No.:232-04



Coarse thread UNC				
NO.4-40	NO.12-24	1/2" -13	1" -8	1 3/4" -5
NO.5-40	1/4" -20	9/16" -12	1 1/8" -7	2" -4 1/2
NO.6-32	5/16" -16	5/8" -11	1 1/4" -7	2 1/4" -4 1/2
NO.8-32	3/8" -16	3/4" -10	1 3/8" -6	
NO.10-32	7/16" -14	7/8" -9	1 1/2" -6	

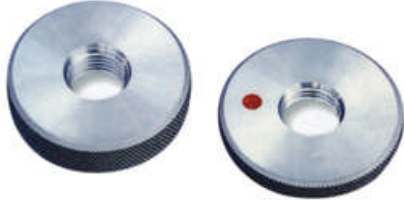
Fine thread UNC				
NO.5-44	NO.12-28	7/16" -20	3/4" -16	1 1/4" -12
NO.6-40	1/4" -28	1/2" -20	7/8" -14	1 3/8" -12
NO.8-36	5/16" -24	9/16" -18	1" -12	1 1/2" -12
NO.10-32	3/8" -24	5/8" -18	1 3/8" -12	

Thread nominal Φ				
NO.12-32	1/2" -28	1 1/16" -20	1 1/8" -18	1 7/16" -18
1/4" -32	9/16" -24	7/8" -20	1 3/16" -18	1 1/2" -18
5/16" -32	5/8" -24	1 5/16" -20	1 1/4" -18	1 5/8" -18
3/8" -32	1 1/16" -24	1" -20	1 5/8" -18	1 5/8" -18
7/16" -28	3/4" -20	1 1/16" -18	3/8" -18	1 5/8" -18



Pipe thread gauges

Art. No.:232-05/232-06



Pipe thread ring gauges Art.No.:232-05

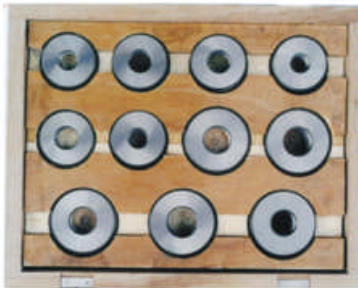


Pipe thread plug gauges Art.No.:232-06

Nominal $\Phi$			
G1/16x28	G7/8x14	G2 $\frac{1}{4}$ x11	G5x11
G1/8 x28	G1x11	G2 $\frac{1}{2}$ x11	G5 $\frac{1}{2}$ x11
G1/4 x19	G1 $\frac{1}{8}$ x11	G2 $\frac{3}{4}$ x11	G6x11
G3/8 x19	G1 $\frac{1}{4}$ x11	G3x11	
G1/2x14	G1 $\frac{1}{2}$ x11	G3 $\frac{1}{2}$ x11	
G5/8x14	G1 $\frac{3}{4}$ x11	G4x11	
G3/4x14	G2x11	G4 $\frac{1}{2}$ x11	

Thread ring gauges set

Art. No.:232-07



Thread nominal $\Phi$	Thread nominal $\Phi$
M16x1.5-6g	M22x1.5-6g
M16x2-6g	M22x2.5-6g
M18x1.5-6g	M24x1.5-6g
M18x2.5-6g	M24x2-6g
M20x1.5-6g	M24x3-6g
M20x2.5-6g	

Metric thread gauges

Art. No.:232-08/232-09



Art. No.:232-08  
Metric thread ring gauges



Art. No.:232-09  
Metric thread plug gauges

Coarse thread				
M2.5(t=0.45)	M8(t=1.25)	M16(t=2)	M33(t=3.5)	M56(t=5.5)
M3(t=0.5)	M9(t=1.25)	M18(t=2.5)	M36(t=4)	M60(t=5.5)
M4(t=0.7)	M10(t=1.5)	M20(t=2.5)	M39(t=4)	M64(t=6)
M4.5(t=0.75)	M11(t=1.5)	M22(t=2.5)	M42(t=4.5)	M68(t=6)
M5(t=0.8)	M12(t=1.75)	M24(t=3)	M45(t=4.5)	
M6(t=1)	M14(t=2)	M27(t=3)	M48(t=5)	
M7(t=1)	M15(t=2)	M30(t=3.5)	M52(t=5)	

Coarse thread				
M2(t=0.4)	M7(t=1)	M15(t=2)	M30(t=3.5)	M52(t=5)
M2.5(t=0.45)	M8(t=1.25)	M16(t=2)	M33(t=3.5)	M56(t=5.5)
M3(t=0.5)	M9(t=1.25)	M18(t=2.5)	M36(t=4)	M60(t=5.5)
M4(t=0.7)	M10(t=1.5)	M20(t=2.5)	M39(t=4)	M64(t=6)
M4.5(t=0.75)	M11(t=1.5)	M22(t=2.5)	M42(t=4.5)	M68(t=6)
M5(t=0.8)	M12(t=1.75)	M24(t=3)	M45(t=4.5)	
M6(t=1)	M14(t=2)	M37(t=3)	M48(t=5)	



Fine thread  
Thread nominal  $\Phi$

M3 x0.5	M 5x0.75	M 8x1	M 12x1.5	M 17x2	M 30x3	M 40x4	M 70x6
M4 x0.5	M 6x0.75	M 9x1	M 13x1.5	M 18x2	M 32x3	M 42x4	M 72x6
M4.5x0.5	M 7x0.75	M10x1	M 14x1.5	M 19x2	M 33x3	M 45x4	M 75x6
M5 x0.5	M 8x0.75	M11x1	M 16x1.5	M 20x2	M 35x3	M 48x4	M 76x6
M6 x0.5	M 9x0.75	M12x1	M 17x1.5	M 21x2	M 36x3	M 50x4	M 78x6
M7 x0.5	M 10x0.75	M14x1	M 18x1.5	M 22x2	M 38x3	M 52x4	M 80x6
M8 x0.5	M 11x0.75	M15x1	M 19x1.5	M 23x2	M 39x3	M 55x4	M 82x6
M9 x0.5	M 12x0.75	M16x1	M 20x1.5	M 24x2	M 40x3	M 58x4	M 85x6
M10 x0.5	M 14x0.75	M17x1	M 21x1.5	M 25x2	M 42x3	M 60x4	M 90x6
M11 x0.5	M 15x0.75	M18x1	M 22x1.5	M 26x2	M 45x3	M 62x4	M 95x6
M12 x0.5	M 16x0.75	M20x1	M 23x1.5	M 27x2	M 48x3	M 64x4	M100x6
M14 x0.5	M 17x0.75	M22x1	M 24x1.5	M 28x2	M 50x3	M 65x4	M105x6
M15 x0.5	M 18x0.75	M24x1	M 25x1.5	M 30x2	M 52x3	M 68x4	M110x6
M16 x0.5	M 20x0.75	M25x1	M 26x1.5	M 32x2	M 55x3	M 70x4	M115x6
M17 x0.5	M 22x0.75	M26x1	M 27x1.5	M 33x2	M 56x3	M 72x4	M120x6
M18 x0.5	M 24x0.75	M27x1	M 28x1.5	M 35x2	M 58x3	M 75x4	M125x6
M20 x0.5	M 25x0.75	M28x1	M 30x1.5	M 36x2	M 60x3	M 76x4	M130x6
M22 x0.5	M 26x0.75	M30x1	M 32x1.5	M 38x2	M 62x3	M 78x4	M135x6
M24 x0.5	M 27x0.75	M32x1	M 33x1.5	M 39x2	M 64x3	M 80x4	M140x6
M25 x0.5	M 28x0.75	M33x1	M 34x1.5	M 40x2	M 65x3	M 82x4	M145x6
M26 x0.5	M 30x0.75	M35x1	M 35x1.5	M 42x2	M 68x3	M 95x4	M150x6
M27 x0.5	M 32x0.75	M36x1	M 36x1.5	M 45x2	M 70x3	M100x4	M155x6
M28 x0.5	M 33x0.75	M38x1	M 38x1.5	M 48x2	M 72x3	M105x4	M160x6
M29 x0.5	M 35x0.75	M39x1	M 39x1.5	M 50x2	M 75x3	M110x4	
M30 x0.5	M 36x0.75	M40x1	M 40x1.5	M 52x2	M 76x3	M115x4	
M32 x0.5	M 38x0.75	M42x1	M 42x1.5	M 55x2	M 78x3	M120x4	
M33 x0.5	M 39x0.75	M45x1	M 45x1.5	M 56x2	M 80x3	M125x4	
M36 x0.5	M 40x0.75	M48x1	M 48x1.5	M 58x2	M 82x3	M130x4	
M38 x0.5	M 42x0.75	M50x1	M 50x1.5	M 60x2	M 85x3	M135x4	
M39 x0.5	M 45x0.75	M52x1	M 52x1.5	M 62x2	M 90x3	M140x4	
M40 x0.5	M 48x0.75	M55x1	M 55x1.5	M 64x2	M 95x3	M145x4	
M42 x0.5	M 50x0.75	M56x1	M 56x1.5	M 68x2	M100x3	M150x4	
M45 x0.5	M 52x0.75	M58x1	M 60x1.5	M 70x2	M105x3	M155x4	
M48 x0.5	M 55x0.75	M60x1	M 62x1.5	M 72x2	M110x3	M160x4	
M50 x0.5	M 56x0.75	M62x1	M 64x1.5	M 75x2	M115x3		
	M 58x0.75	M64x1	M 68x1.5	M 76x2	M120x3		
	M 60x0.75	M 65x1	M 70x1.5	M 78x2	M125x3		
	M 62x0.75	M 68x1	M 72x1.5	M 80x2	M130x3		
	M 64x0.75	M 70x1	M 75x1.5	M 82x2	M135x3		
	M 65x0.75	M 72x1	M 76x1.5	M 85x2	M140x3		
	M 68x0.75	M 75x1	M 78x1.5	M 90x2	M145x3		
	M 70x0.75	M 76x1	M 80x1.5	M 95x2	M150x3		
	M 72x0.75	M 78x1	M 82x1.5	M100x2	M155x3		
	M 75x0.75	M 80x1	M 85x1.5	M105x2	M160x3		
	M 76x0.75	M 82x1	M 90x1.5	M110x2			
	M 78x0.75	M 85x1	M 95x1.5	M115x2			
	M 80x0.75	M 90x1	M100x1.5	M120x2			
	M 82x0.75	M 95x1	M105x1.5	M125x2			
	M 85x0.75	M100x1	M110x1.5	M130x2			
	M 90x0.75	M105x1	M120x1.5	M135x2			
	M100x0.75	M110x1	M125x1.5	M140x2			
	M105x0.75	M115x1	M130x1.5	M145x2			
	M108x0.75	M120x1	M135x1.5	M150x2			
		M125x1	M140x1.5	M155x2			
		M130x1	M145x1.5	M160x2			
		M135x1	M150x1.5				
		M140x1	M155x1.5				
		M145x1	M160x1.5				
		M150x1					
		M155x1					
		M160x1					





CZ-6C



WCZ-6C



CZ-6CL



WCZ-6CL



WCZ-6B



CZ-6CE



WCZ-6CE



CZ-6A



WV- I

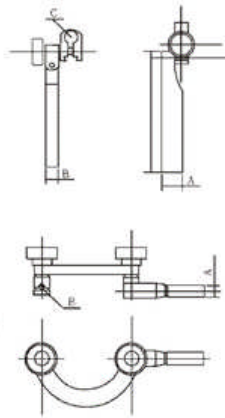


WV- II

ART.NO.	Work magnetic force	main body			main stem		assistant stem		diameter of hole	work angle	weight	feature
		Length	width	height	length	diameter	length	diameter				
CZ-3C WCZ-3C	294N(30kg)	56	50	55	176	12	165	10	4.5/8.0 +0.02mm	150°	1.4kg	The product has a reasonable structure,With the micrometer is used widely in machining, measurement, and quipucentadjustment  The product in reach expected strength and height, we can lengthened and thickened the main and assistant stem on the stand  The product consist of vare earth magnet steel (Ru,Fe,B),has a feature of fine structure,the switcr is rehable and feels confortable  The special product issuitable for various length and angle
MB-B MB-BV	392N(40kg)	60					150				1.5kg	
CZ-6C WCZ-6C	588N(60kg)	63					165				1.5kg	
CZ-8C WCZ-8C	784N(80kg)	72					150				1.6kg	
CZ-6CL WCZ-6CL	588N(60kg)	63	50	55	225	16	180	12	2.8kg			
CZ-6CE WCZ-6CE	492N(50kg)	63	50	55	176	12	165	10	1.5kg			
CZ-6A	588N(60kg)	63	50	55	185	13	180	12	1.6kg			
WCZ-6B					176	12	195	10	1.8kg			
WV- I	98N(10kg)	31	31	35	103				6.5	80g	Main body is mechanical miversal device and lengthened haulm,works with lever indicator	
WV- II			28	30	74					40g		







ART.NO.	Main size mm			
	A	B	C	D
B- II	12	6	48	75

ART.NO.	Main size mm	
	A	B
B- I	8	4
B- II	6.35	4

ART.NO.	work magnetic force	mainbody			main stem length	diameter of hole		work angle	weight	feature
		length	width	height		length	diameter			
WCE-E	588N(60kg)	63	50	55	270	6.5	8.0 -0.02mm	150°	1.6kg	This product can be adjusted at any direction and position, and can be made fixed by trimming device and swallowtailed slot clamp through hydraulic force
WCE-A					350					
WCE-B					290					
WCE-C					280					
WCE-D					380					
YW-8CU	784N(80kg)							1.8kg	This product is designed to adjust and measure the equipment, it can be made fixed by one tighten knob.	



WCU- I



WCU- II



WCU- III



WCU- V



WCU- IV



WV- VI

ART.NO.	work magnetic force	mainbody			main stem		diameter of hole		work arige	weight	feature
		length	width	height	length	diameter	slot	diameter			
WCU- I	588N(60kg)	63	50	55	350	16	6.5	9.6mm 8mm	150°	1.5kg	This produt is made under the advanced technology introduced from abroad. It is an ideal tool used for adjusting random angle and internal hole.
WCU- II					315			4-10mm			
WCU- III					355			9.6mm 8mm			
WCU- V					360			4-13mm			
WCU- IV					270			4mm 8mm			
W V- VI	98N(10kg)	31	31	35	270	10		3-6.5mm	1kg		





F60



F80



WWZ-220



WD-B<sub>1</sub>



WD-A



WV-III



ART.NO	work magnetic force	main body			main stem		assistant stem		hole	diameter of hole	work angle	weight	feature
		Length	width	height	length	diameter	length	diameter					
F60	588N(60kg)	70	46	60	230	16	263	16	M10		135°	2.3kg	This product can make measurement meter fixed stably at the working position, and it is used widely on parts measurement, to get repair value easily.
F80	784N(80kg)	75	60	80	412	20	250	16	M12		4kg		
WWZ-220		225	58	35	150	14	225	12			3.2kg		
WZ-220						10							
WD-B <sub>1</sub>		84	65	27	300 455	10	Needle 195 4				90°	1.6kg	
WD-B <sub>2</sub>		84	65	27	230 300	10	Needle 195 4					1.5kg	
WD-B <sub>3</sub>		84	65	27	175 100	8						1.4kg	
WD-A		77	74	25	280		Needle 205 4					1.2kg	
WV-III		44	38	35	115	10	115 4	M8	φ4 φ6.4	180°	0.5kg		





MB-8J



MB-12J



ML-6



OIS CL-02S



MB-03S

model	work magnetic force	mainbody			main stem length	diameter of hole		work angle	weight
		length	width	height		length	hole		
MB-6J	588N(60kg)	63	50	55	45	6.5	150°	1kg	
MB-8J	784N(80kg)	72	50	55	74		150°	1.5kg	
MB-10J	980N(100kg)	83	50	55	45		150°	1.8kg	
MB-12J	1178N(120kg)	120	50	55	45		150°	2kg	
ML-6	588N(60kg)	63	50	55	45		150°	1.3kg	
CL-02S	98N(10kg)	32	32	50			180°	0.4kg	
OIS	98N(60kg)	32	32	30			180°	0.2kg	
MB-03S	588N(10kg)	63	50	55			150°	1kg	



## UTILITY CUTTER



- ▶ 72 snap-off blades includes
- ▶ Automatic self-loading blades
- ▶ Co-molded rubber case



1. Push Blade storage Lock button to UNLOCK blade storage cartridge. Slide out and refill up to 6 blades. Side cartridge back into housing.
2. Push the Blade Lock to the top. Take the used blade off, then return the blade lock to the bottom the blade load automatically.

Handle Designed For Maximum Control And Comfort

Positive Blade AUTO Lock

Blade Storage Lock

ART. NO.	SPEC	QUANTITY PER CARTON(PCS)	G.W/N.T (KG)	PACK.DIEM (CM)
240-01	0.5x18	96	11/9.5	45.5x27x36.5



ART. NO.	SPEC	QUANTITY PER CARTON(PCS)	G.W/N.T (KG)	PACK.DIEM (CM)
240-02	0.5x18	96	12/10.5	45.5x27x36.5

## UTILITY CUTTER BLADES



ART. NO.	SPEC	QUANTITY PER CARTON(PCS)	G.W/N.T (KG)	PACK.DIEM (CM)
240-03-1	0.4x9	4000	11.5/10	22x17.3x18.3
240-03-2	0.5x18	2640	21/20	28.3x23.3x16.8

UTILITY CUTTER



ART. NO.	SPEC	QUANTITY PER CARTON(PCS)	G.W/N.T (KG)	PACK.DIEM (CM)
240-05	0.5x18	96	14/12	45.5x27x36.5



ART. NO.	SPEC	QUANTITY PER CARTON(PCS)	G.W/N.T (KG)	PACK.DIEM (CM)
240-06	0.5x18	96	12/10	45.5x27x36.5





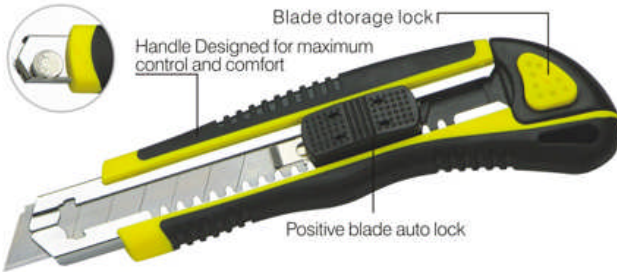
## UTILITY CUTTER



ART. NO.	SPEC	QUANTITY PER CARTON(PCS)	G.W/N.T (KG)	PACK.DIEM (CM)
240-07	0.5x18	96	12/10	45.5x27x36.5



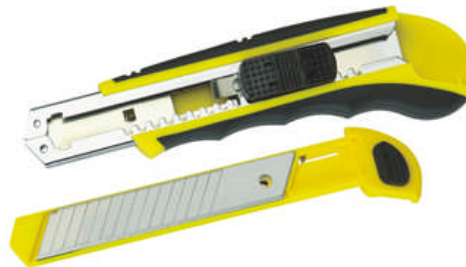
**High Quality Blade**  
3 Times longer life



ART. NO.	SPEC	QUANTITY PER CARTON(PCS)	G.W/N.T (KG)	PACK.DIEM (CM)
240-08	0.5x18	96	14/12	45.5x27x36.5



**High Quality Blade**  
3 Times longer life



**High Quality Blade**  
3 Times longer life

ART. NO.	SPEC	QUANTITY PER CARTON(PCS)	G.W/N.T (KG)	PACK.DIEM (CM)
240-09	0.5x18	96	14/12	45.5x27x36.5

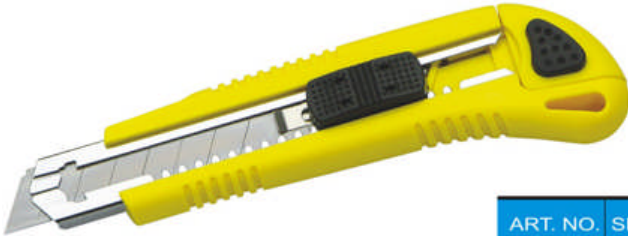
UTILITY CUTTER



ART. NO.	SPEC	QUANTITY PER CARTON(PCS)	G.W/N.T (KG)	PACK.DIEM (CM)
240-10	0.4x9	144	7/9	46.5x42x25



**High Quality Blade**  
3 Times longer life



ART. NO.	SPEC	QUANTITY PER CARTON(PCS)	G.W/N.T (KG)	PACK.DIEM (CM)
240-11	0.5x18	96	14/12	45.5x27x36.5



**High Quality Blade**  
3 Times longer life

ART. NO.	SPEC	QUANTITY PER CARTON(PCS)	G.W/N.T (KG)	PACK.DIEM (CM)
240-12	0.5x18	96	12/10	45.5x27x36.5



ART. NO.	SPEC	QUANTITY PER CARTON(PCS)	G.W/N.T (KG)	PACK.DIEM (CM)
240-13	0.5x18	96	12/10	45.5x27x36.5



