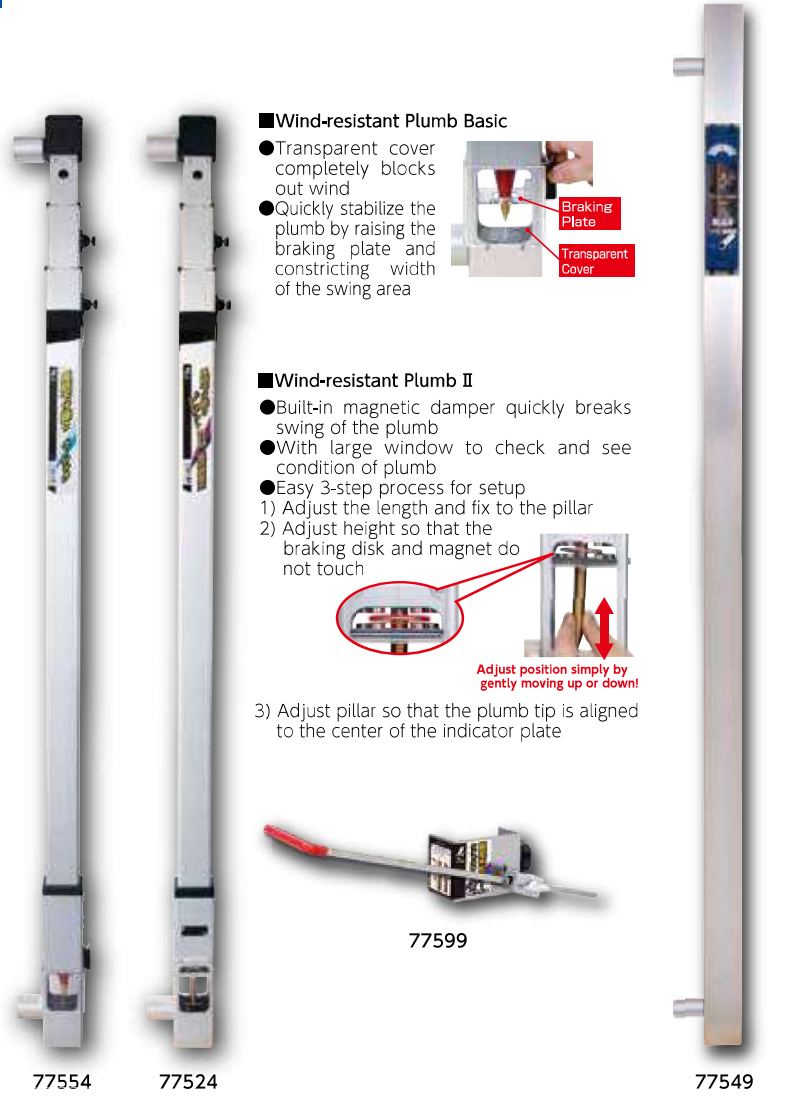


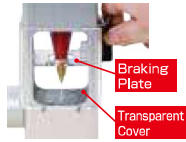
- Carpenter's Squares
- Stainless Steel Rules/Machine Scale
- Aluminum Rules
- Resin Folding Rules/Bamboo Rules
- Squares/Protractors
- Vernier Calipers/Micrometers
- Tape Measures
- Surveying Products
- Scales
- Levels
- Lasers/Optical Equipment
- Inklines/Chalklines/Plumbholders
- Circular Saw Guides
- Construction Tools
- Industrial Tools
- Thermometers/Hygrometers/Infrared Measuring Instruments
- Outdoor Products
- Magnifying Glasses
- Drawing Tools
- Magnets

## Wind-resistant Plumb/Holder/Dial Plumb



### Wind-resistant Plumb Basic

- Transparent cover completely blocks out wind
- Quickly stabilize the plumb by raising the braking plate and constricting width of the swing area



### Wind-resistant Plumb II

- Built-in magnetic damper quickly breaks swing of the plumb
  - With large window to check and see condition of plumb
  - Easy 3-step process for setup
- 1) Adjust the length and fix to the pillar
  - 2) Adjust height so that the braking disk and magnet do not touch



Adjust position simply by gently moving up or down!

- 3) Adjust pillar so that the plumb tip is aligned to the center of the indicator plate



77599

77554

77524

77549

## Wind-resistant Plumb

Item Code	Description	Body Size (mm)	Wgt (g)	JAN Code	Packing Unit	Packaging
77554	Basic	61×134×1,515~3,333	3,060	4 960910 775541	1	
77524	II with Magnetic Damper	64×112×1,515~3,333	3,120	4 960910 775244	1	

## Holder

Item Code	Description	Body Size (mm)	Wgt (g)	JAN Code	Packing Unit	Packaging
77599	for Wind-resistant Plumb with Quick Arm	336×110×122	370	4 960910 775992	1	

\*For Wind-resistant Plumb

## Dial Plumb

Item Code	Description	Body Size (mm)	Wgt (g)	JAN Code	Packing Unit	Packaging
77548	110 cm	63×39×1,100	1,500	4 960910 775480	1	
77549	175 cm	63×39×1,750	2,050	4 960910 775497	1	
77550	200 cm	63×39×2,000	2,300	4 960910 775503	1	
77575	240 cm	63×39×2,400	3,150	4 960910 775756	1	

## Wind resistant Plumb

### Features

- Spring-loaded reel completely reduces the load on special dual thread and makes it hard to break



- Use when temporary braces are on the supports is also possible since the ends are long (about 40 mm)



- Rubber strap to secure plumb to an object
- Includes a useful carry case

### Use

- For verifying perpendicularity of pillars

### Specifications

	77554	77524
Accuracy*	±1 mm	
Material	Rod: Aluminum Drum Cover: ABS resin Plumb: Brass, phosphor bronze, bronze (iron for 77554) End: Aluminum	

\*Accuracy determines the difference between the distance from the upper part end portion to the line in the accuracy confirmation window's position and the distance from the lower part end portion to the center of the indicator plate.

## Holder

### Features

- Fixing to the pillar is easy and hassle-free



- Attaching and detaching to wind-resistant plumb can be done without tools using the fixing screw

### Use

- Fixing the wind-resistant plumb to a pillar

### Specifications

Products	Wind-resistant Plumb Basic (77554) Wind-resistant Plumb II with Magnetic Damper (77524)
Compatible Pillar Size	3.5 - 5.5 sun
Material	Stainless steel, aluminum, vinyl chloride resin

## Dial Plumb

### Features

- Dial model allows one to see fine graduations in slope. No influence of wind.



- Slide arm (end part) is attached, allowing use even when temporary braces, etc. are on the support
- 240 cm when using an extension (77575)
- Includes a useful carry case

### Use

- For checking listing of formwork and sash frames
- For setting up of house framework and checking listing supports

### Specifications

	77548	77549	77550	77575
Accuracy*	Less than 0.5 mm/1 m			
Lean Tolerance to the Front-back Direction*	±20 mm	±40 mm		
Material	Main Rod, Sliding Arm, Scale Plate, Indicator Fixing Lever: Aluminum Unit Cover: ABS resin Indicator: Steel			

\*Lean tolerance to the front-back direction is the maximum lean in the front-back direction in regards to the entire length of the main scale that can guarantee the accuracy during measurement.

## Handy Plumb Holder



Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
77375	Pro Auto-rewind Red	125×100×35	225	4 960910 773752	5	
77376	Pro Auto-rewind Red with Plumb Bob 400 g	-	-	4 960910 773769		
77377	Pro Hand-rewind Blue	125×100×45	185	4 960910 773776		
77501	Jr. Auto-rewind Red	87×82×27	120	4 960910 775015		
77502	Jr. Auto-rewind Red with Plumb Bob 200 g	-	-	4 960910 775022		

## Replacement Needle/Thread

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
77378	Needle for Handy Plumb Holder Pro	120×47×20	20	4 960910 773783	1	
77504	Needle for Handy Plumb Holder Jr.	81×29×20	8	4 960910 775046		
77598	Thread 15 m for Handy Plumb Holder	φ1.0×15m	-	4 960910 775985	10	

## Plumb Bob



Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
77974	100 g with Damper	φ32×96	100	4 960910 779747	5	
77981	150 g with Damper	φ32×108	150	4 960910 779815		
77982	200 g with Damper	φ32×121	200	4 960910 779822		
77983	300 g with Damper	φ33×148	300	4 960910 779839		
77979	400 g with Damper	φ36×156	400	4 960910 779792		
77975	600 g with Damper	φ42×167	600	4 960910 779754		
77951	800 g with Damper	φ42×196	800	4 960910 779518		
77991	1000 g	φ42×213	1,000	4 960910 779914		

### Features

- Can be hit with a hammer



- Pin can be changed by hand
- Spring drum is made of rust-resistant stainless steel
- Neodymium magnet sticks strongly
- Unit is covered with elastomer resin for shock-resistance

- Pro Hand-rewind Blue
- Folding handle for Pro Hand-rewind Blue

- Jr. Auto-rewind Red
- Lightweight, compact and portable



### Use

- For verifying perpendicularity of pillars, walls, and frames

### Specifications

	77375	77376	77377	77501	77502
Material	Body: ABS resin, elastomer resin Spring: Stainless steel Pointer: Spring steel Thread: Nylon Magnet: Neodymium magnet				
Thread Length	5 m	10 m	3.5 m		
Usable Plumb	100 g - 850 g (1 kg with drum stopper)	100 g - 1 kg	100 g - 400 g		

### Features

- Highly visible yellow colored tip
- Rubber cover to protect from scratching
- Rubber cap



- Full lineup offers a choice from lightweight and easy to carry, to heavy items that are not affected by wind
- Great stability against wind and durable integrated structure (77991)



### Use

- For verifying perpendicularity of pillars, walls, and frames

### Specifications

Material	Tip of Body: Iron Double Ring: Stainless steel Cover/Protective Cap: Rubber
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- Carpenter's Squares
- Stainless Steel Rules / Machine Scale
- Aluminum Rules
- Resin Folding Rules / Bamboo Rules
- Squares / Protractors
- Vernier Calipers / Micrometers
- Tape Measures
- Surveying Products
- Scales
- Levels
- Laser / Optical Equipment
- Inklines / Chalklines / Plumbholders
- Circular Saw Guides
- Construction Tools
- Industrial Tools
- Thermometers / Hygrometers / Anemometers
- Outdoor Products
- Magnifying Glasses
- Drawing Tools
- Magnets

## Polyester Leveling Line Reel



Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
78477	0.5 mm 500 m Yellow	φ79×48	120	4 960910 784772	10	
78479	0.5 mm 500 m Pink	φ79×48	120	4 960910 784796		
78481	0.5 mm 500 m Orange	φ79×48	120	4 960910 784819		
78483	0.5 mm 500 m Green	φ79×48	120	4 960910 784833		
78478	0.8 mm 270 m Yellow	φ79×48	126	4 960910 784789		
78480	0.8 mm 270 m Pink	φ79×48	126	4 960910 784802		
78482	0.8 mm 270 m Orange	φ79×48	126	4 960910 784826		
78485	0.8 mm 270 m Green	φ79×48	126	4 960910 784857		
78498	1.2 mm 120 m Yellow	φ79×48	127	4 960910 784987		
78499	1.2 mm 120 m Pink	φ79×48	127	4 960910 784994		

### Features

- Vivid coloring
- Polyester does not absorb water nor stretch as much as nylon. It can be pulled tight with less stretch
- Runs freely when held at the center



- Reel comes with cutter blade



With cutter blade

### Use

- For basement construction, surveying, craft, and gardening

### Specifications

Material	Polyester
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## Cotton Leveling Line



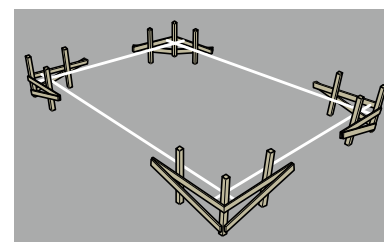
Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
78488	No.3 0.7 mm 100 m	154×90	39	4 960910 784888	10	
78489	No.4 0.8 mm 100 m	154×90	48	4 960910 784895		
78490	No.5 0.9 mm 100 m	154×90	60	4 960910 784901		
78491	No.6 1.0 mm 100 m	154×90	65	4 960910 784918		
78493	No.7 1.1 mm 100 m	154×90	75	4 960910 784932		
78494	No.8 1.2 mm 100 m	154×90	88	4 960910 784949		
78495	No.10 1.4 mm 100 m	154×90	106	4 960910 784956		

### Features

- Environmentally-friendly 100% cotton
- Easy-to-tie pure cotton yarn
- Can be used for many applications from general work to surveying
- Abundant variations in thickness

### Use

- For measuring, gardening, and kite-flying



### Specifications

Material	Cotton
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### Paint Marker Wide Bullet-tip



Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Pack (No. Unit)	Package
78541	Black	150×25×25	65	4 960910 785410	10	
78542	Red	150×25×25	65	4 960910 785427		
78547	White	150×25×25	65	4 960910 785472		
78548	Pink	150×25×25	65	4 960910 785489		

**Features**

- Writes clearly on a variety of surfaces
- Pigment ink helps to write clearly even on dark-colored surfaces
- Four colors available
- Dries quickly
- 4 mm line width

**Wide Bullet-tip** **Oil-based opacity**

**Use**

- For marking on steel material, alloy, glass, plastic, concrete, PVC pipe, etc.

**Specifications**

Material	Body: Aluminum Cap: Polypropylene resin Ink: Oil-based (pigment ink)
----------	----------------------------------------------------------------------------

### Paint Marker Fine Bullet-tip



Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Pack (No. Unit)	Package
78414	Black	144×15×15	22	4 960910 784147	10	
78415	Red	144×15×15	22	4 960910 784154		
78416	Yellow	144×15×15	22	4 960910 784161		
78418	White	144×15×15	22	4 960910 784185		
78419	Pink	144×15×15	22	4 960910 784192		
78420	Gold	144×15×15	22	4 960910 784208		
78515	Blue	144×15×15	22	4 960910 785151		
78516	Silver	144×15×15	22	4 960910 785168	6	
78510	Holder for Paint Marker Fine	90×28×46	21	4 960910 785106		

**Paint Marker**

**Features**

- Writes clearly on a variety of surfaces
- Pigment ink helps to write clearly even on dark-colored surfaces
- Eight colors available
- Dries quickly
- 2 mm line width

**Fine point Bullet-tip** **Oil-based opacity**

**Use**

- For marking on steel material, alloy, glass, plastic, concrete, PVC pipe, etc.

**Specifications**

Material	Body: Aluminum Cap: Polypropylene resin Ink: Oil-based (pigment ink)
----------	----------------------------------------------------------------------------

**Holder for Paint Marker Fine**

**Features**

- Hole for safety strap. This allows a safety cord or strap to be attached
- Clips easily onto a belt being worn. The hook on the clip prevents it from detaching.

**Use**

- For carrying paint marker

**Fine point Exclusive Use**

**Specifications**

Material	Body: Nylon resin
Attachable Belt	Less than 60 mm wide and less than 4 mm thick

\*Specially made for Shinwa's fine point paint marker

Carpenter's Squares  
 Stainless Steel Ruler / Machine Scale  
 Aluminum Rules  
 Resin Folding Ruler / Bamboo Rules  
 Squares / Protractors  
 Vernier Caliper / Micrometers  
 Tape Measures  
 Surveying Products  
 Scales  
 Levels  
 Laser / Optical Equipment  
 Inklines / Chalklines / Plumbholders  
 Circular Saw Guides  
 Construction Tools  
 Industrial Tools  
 Thermometers / Hygrometers / Humidity Measuring Instruments  
 Outdoor Products  
 Magnifying Glasses  
 Drawing Tools  
 Magnets

## Oil-based Marking Pen Fine



Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
78424	Bullet-tip Black	132×17×21	20	4 960910 784246	10	
78429	Bullet-tip Red	132×17×21	20	4 960910 784291		
78430	Chisel-tip Black	132×17×21	20	4 960910 784307		
78431	Chisel-tip Red	132×17×21	20	4 960910 784314		

## Replacement Cartridge for Oil-based Marking Pen

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
78432	Black 2 pc-pack	78×13×13	6	4 960910 784321	10	
78434	Red 2 pc-pack	78×13×13	6	4 960910 784345		

### Features

- Available in bullet-tip and chisel-tip
- Reusable by changing cartridge after ink runs out
- Dries quickly



### Use

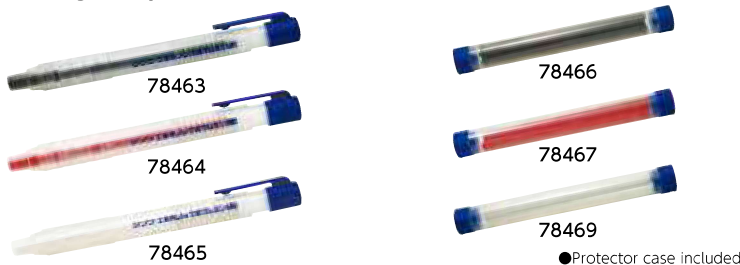
- For marking on steel material, alloy, glass, plastic, concrete, PVC pipe, etc.



### Specifications

Material	Body, Cap: Polypropylene resin Ink: Oil-based (dye ink)
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## Marking Crayon Retractable 7.0 mm



Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
78463	Black	145×14×17	17	4 960910 784635	10	
78464	Red	145×14×17	17	4 960910 784642		
78465	White	145×14×17	17	4 960910 784659		

## Refill for Marking Crayon Retractable 7.0 mm

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
78466	Black 2 pc-pack	142×17×17	16	4 960910 784666	10	
78467	Red 2 pc-pack	142×17×17	16	4 960910 784673		
78469	White 2 pc-pack	142×17×17	16	4 960910 784697		

### Features

- Knock type keeps your hands clean



- Easy to write



### Use

- For marking on steel material, alloy, glass, plastic, concrete, PVC pipe, etc.

### Specifications

Material	Body / Case: Polypropylene resin, ABS resin Crayon: Oil-based (pigment ink)
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## Marking Crayon Retractable 4.0 mm



● Protector case included

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Packaging
78445	Black	135×12×15	11	4 960910 784451	10	
78446	Red	135×12×15	11	4 960910 784468		
78447	Yellow	135×12×15	11	4 960910 784475		
78448	White	135×12×15	11	4 960910 784482		
78449	Pink	135×12×15	11	4 960910 784499		

### Features

● Retractable type keeps your hands clean



● Easy to write



### Use

● For marking on steel material, alloy, glass, plastic, concrete, PVC pipe, etc.

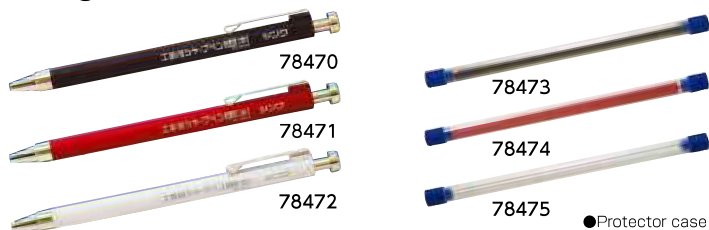
### Specifications

Material	Body / Case: Polypropylene resin, ABS resin Crayon: Oil-based (pigment ink)
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## Refill for Marking Crayon Retractable 4.0 mm

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Packaging
78458	Black 4 pc-pack	142×17×17	10	4 960910 784581	10	
78459	Red 4 pc-pack	142×17×17	10	4 960910 784598		
78460	Yellow 4 pc-pack	142×17×17	10	4 960910 784604		
78461	White 4 pc-pack	142×17×17	10	4 960910 784611		
78462	Pink 4 pc-pack	142×17×17	10	4 960910 784628		

## Marking Mechanical Pencil 2.0 mm



● Protector case included

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Packaging
78470	Black	142×9×12	13	4 960910 784703	10	
78471	Red	142×9×12	13	4 960910 784710		
78472	White	142×9×12	13	4 960910 784727		

### Features

● Writes smoothly, hard to break



### Use

● For marking on steel material, alloy, concrete, etc.

### Specifications

	78470	78471	78472
Material	Body: ABS resin, steel Crayon: Oil-based (pigment ink)		

	78473	78474	78475
Material	Case: Polypropylene resin, ABS resin Crayon: Oil-based (pigment ink)		

## Replacement Lead for Marking Mechanical Pencil 2.0 mm

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Packaging
78473	Black 6 pc-pack	150×9×9	6	4 960910 784734	10	
78474	Red 6 pc-pack	150×9×9	6	4 960910 784741		
78475	White 6 pc-pack	150×9×9	6	4 960910 784758		

## Marking Mechanical Pencil Type 2.0 mm



Features	
● Easy-to-write mechanical pencil with lead	● Comes with 1x lead
Use	
● For marking lumber and plasterboard	
Specifications	
	78511   78507
Material	Body: ABS resin, steel Center: Graphite
	78508   78509
Material	Case: Polypropylene resin, ABS resin Center: Graphite

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Packaging
78511	2H	143×9×12	12	4 960910 785113	10	
78507	HB	143×9×12	12	4 960910 785076		


## Replacement Lead for Marking Mechanical Pencil Type 2.0 mm

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Packaging
78508	2H 6 pc-pack	150×9×9	7	4 960910 785083	10	
78509	HB 6 pc-pack	150×9×9	7	4 960910 785090		

## Marking Pencil PRO



Features	
● Five different regular pencils available - 4H, 2H, H, HB, 2B	● Two different red pencils available - hard and soft
● Writes smoothly for professional use	
Use	
● For marking lumber and plasterboard	



Specifications	
	78524   78517   78518   78519   78520
Material	Body: Wood Center: Graphite
Shaft Type	Hexagonal shaft
	78521   78523
Material	Body: Wood Center: Pigment, wax
Shaft Type	Hexagonal shaft

● Actual products are not sharpened.

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Packaging
78524	4H 3 pc-pack	177×7.5×7.5	4	4 960910 785243	10	
78517	2H 3 pc-pack	177×7.5×7.5	4	4 960910 785175		
78518	H 3 pc-pack	177×7.5×7.5	4	4 960910 785182		
78519	HB 3 pc-pack	177×7.5×7.5	4	4 960910 785199		
78520	2B 3 pc-pack	177×7.5×7.5	4	4 960910 785205		
78521	Red Hard 3 pc-pack	177×7.5×7.5	4	4 960910 785212		
78523	Red Soft 3 pc-pack	177×7.5×7.5	4	4 960910 785236		



## Marking Crayon Pencil Type



78435      78440      78442      78443

●Actual products are not sharpened.

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
78435	Black 3 pc-pack	φ8×175	6	4 960910 784352	10	
78440	Red 3 pc-pack	φ8×175	6	4 960910 784406		
78442	Yellow 3 pc-pack	φ8×175	6	4 960910 784420		
78443	White 3 pc-pack	φ8×175	6	4 960910 784437		

Features	
●Usable on a variety of surfaces	
Use	
●For marking on steel material, alloy, glass, plastic, concrete, PVC pipe, etc.	
Specifications	
Material	Body: Wood Crayon: Oil-based (pigment ink)
Shaft Type	Cylindrical shaft

## Chalk Holder



78501      78527      78528      78597

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
78501	White	131×25×21	24	4 960910 785014	10	
78527	Red	131×25×21	24	4 960910 785274		
78528	Yellow	131×25×21	24	4 960910 785281		
78597	Blue	131×25×21	24	4 960910 785977		

Features	
●Protects chalk from breaking or getting wet	
●The magnetic cap will stick on steel chalkboard	
●Clear cap shows color of chalk	
●Keeps your hands clean	
●Retractable type makes insertion and removal of chalk easy	
Use	
●As protector case for chalk	
Specifications	
Material	Body: Polypropylene resin Cap: Acrylic resin
Usable Chalk	φ11 - 12 mm
*Hold chalk as you move it in and out. Otherwise the chalk may fall or break.	

## Chalk



74141      74142      74143

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
74141	White 10 pc-pack with Plastic Case	φ12×82	5.5	4 960910 741416	10	
74142	Red 10 pc-pack with Plastic Case	φ12×82	5.5	4 960910 741423		
74143	Yellow 10 pc-pack with Plastic Case	φ12×82	5.5	4 960910 741430		

Features	
●Plastic case protects chinks from breaking or getting wet	
●Compact size convenient for carrying	
●Clear case shows color of chalk	
●Writes smoothly and erases easily	
●Not only for blackboard, also for various materials such as wood, stone, metal, or concrete	
●Highly visible vivid color makes work easier	
Use	
●For writing on chalkboards, wood, stone, iron and concrete	
Specifications	
Material	Calcium carbonate