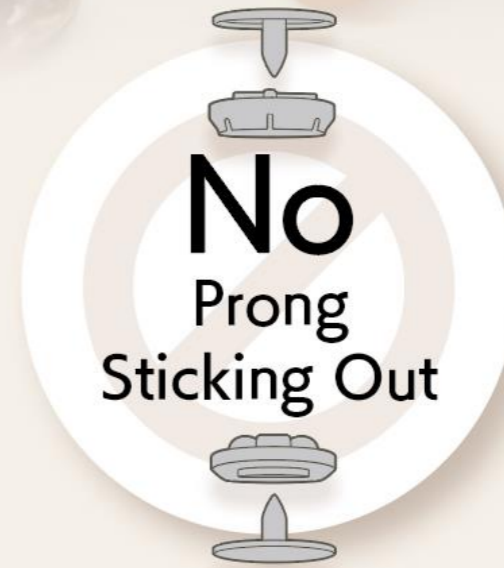


**NEW**

# What is PZ-7? Plastic Snap Fasteners







**MORITO**



**NEW** What is **PZ-7?** Plastic Snap Fasteners

## Contents

-  **1** What is PZ-7?
-  **2** Why PZ-7?  
Comparison with Metal Fasteners
-  **3** Morito Safety Standards
-  **4** Easy Attachment  
Fastening Machines





# 1 What is PZ-7?



## What is PZ-7?

Environmentally-Friendly Plastic Snap Fastener

### Metal Snap Manufacturing Process

→ Start!

Raw Material Received



Pressing/Stamping



Use a lot of oil in the pressing process

→ Start!

Washing



Water emission!

Plating



Cyanogen! Nickle!

Painting



Waste Paint! (more than 50%)

### Morito Plastic Snap Manufacturing Process

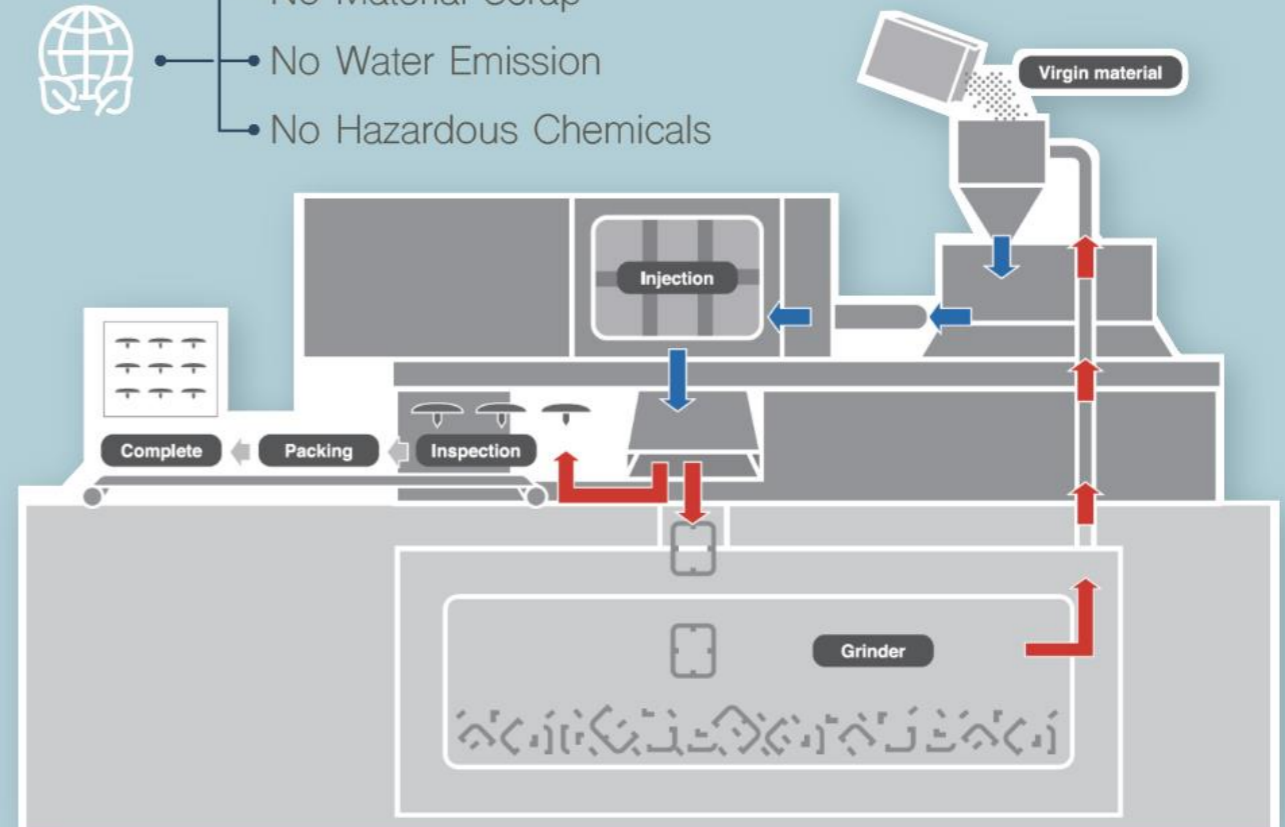
MORITO Safety Standards

Morito Sustainability

100% Recycle Ecology System



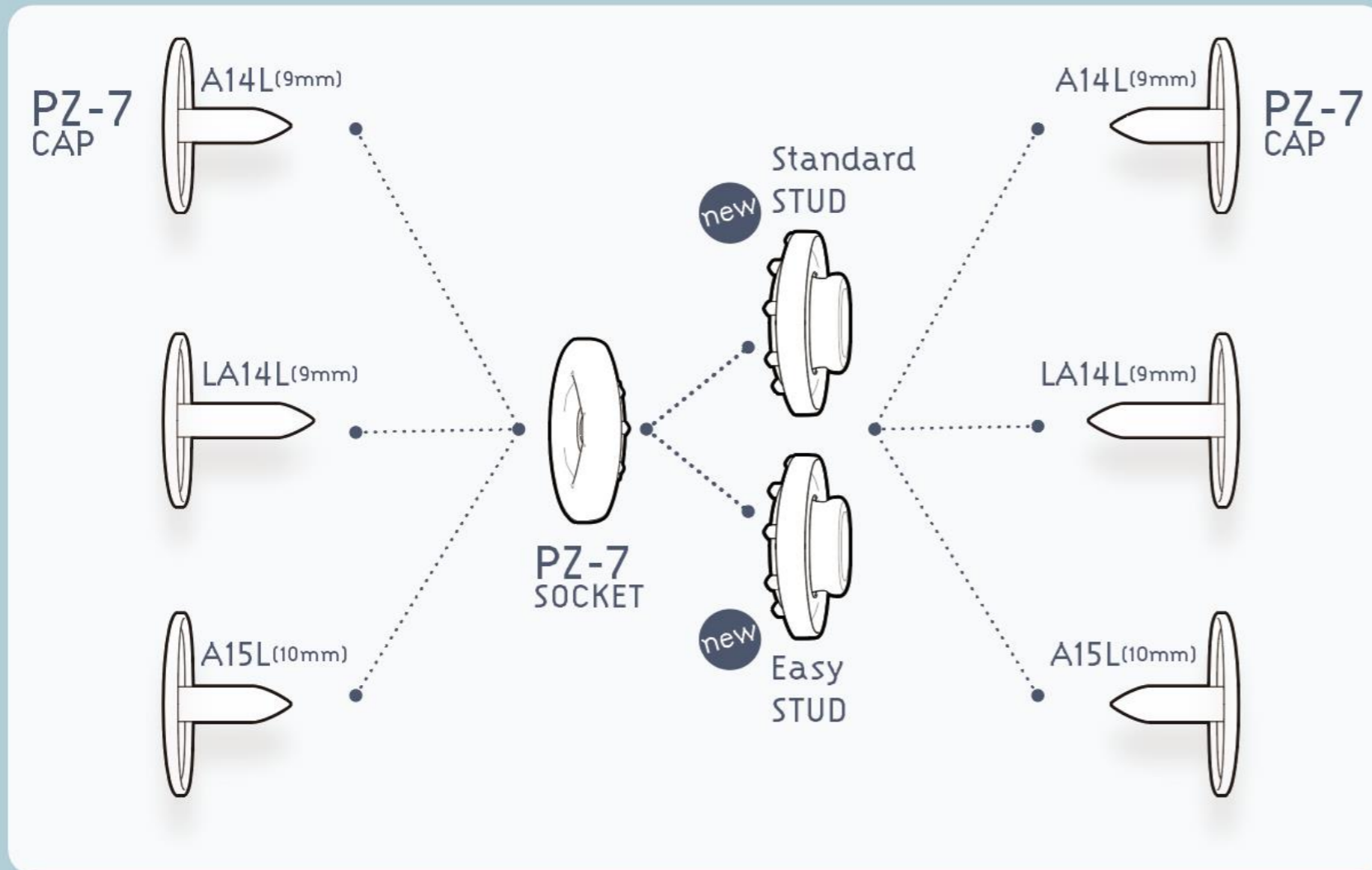
- No Material Scrap
- No Water Emission
- No Hazardous Chemicals





# What is PZ-7?

PZ-7: Small Plastic Snap Fastener  
There are two different action forces and three different cap sizes available for infantwear and childrenswear

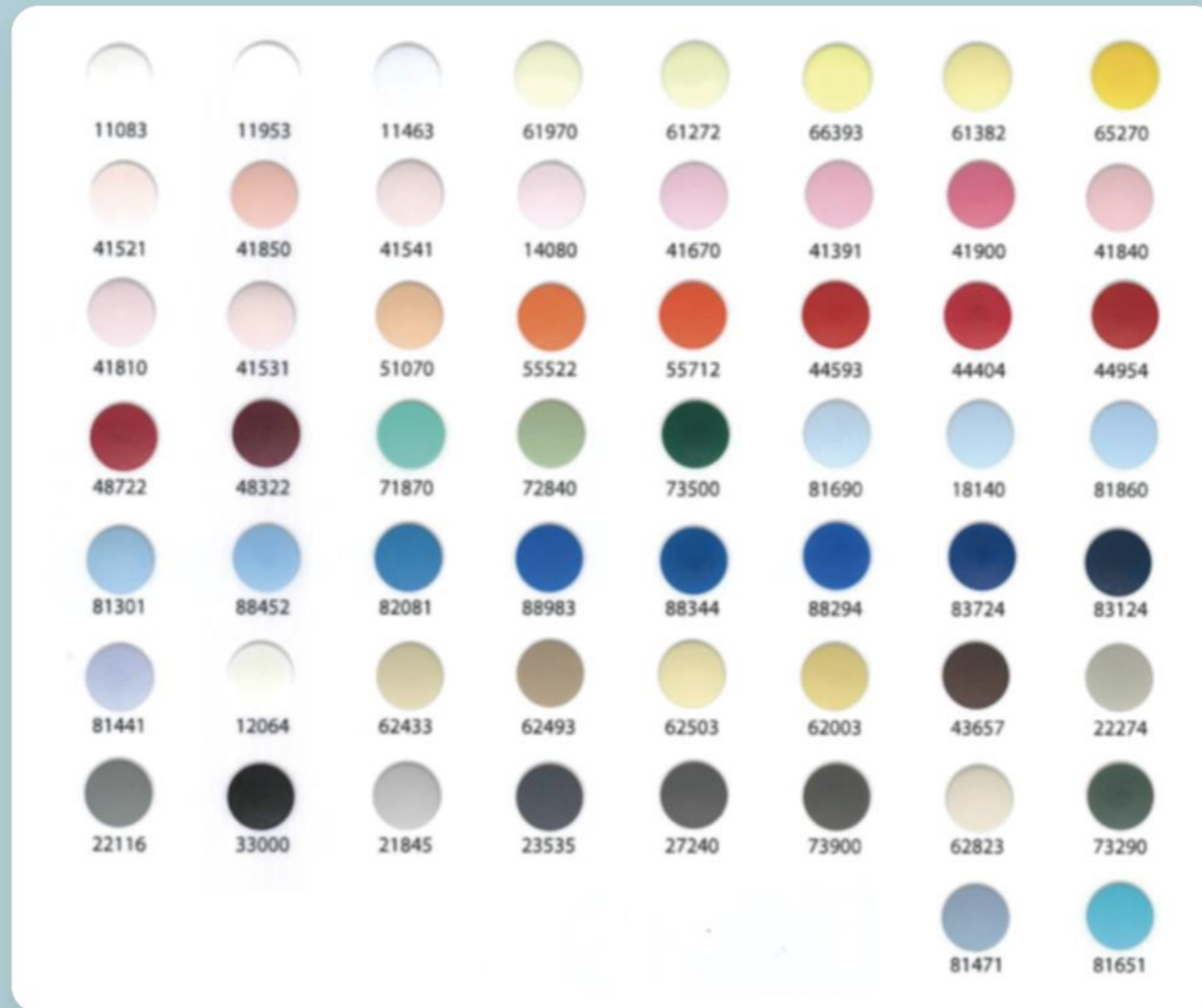






# What is PZ-7?

Color Variations: 58 Standard Colors



\* Available in matte or glossy

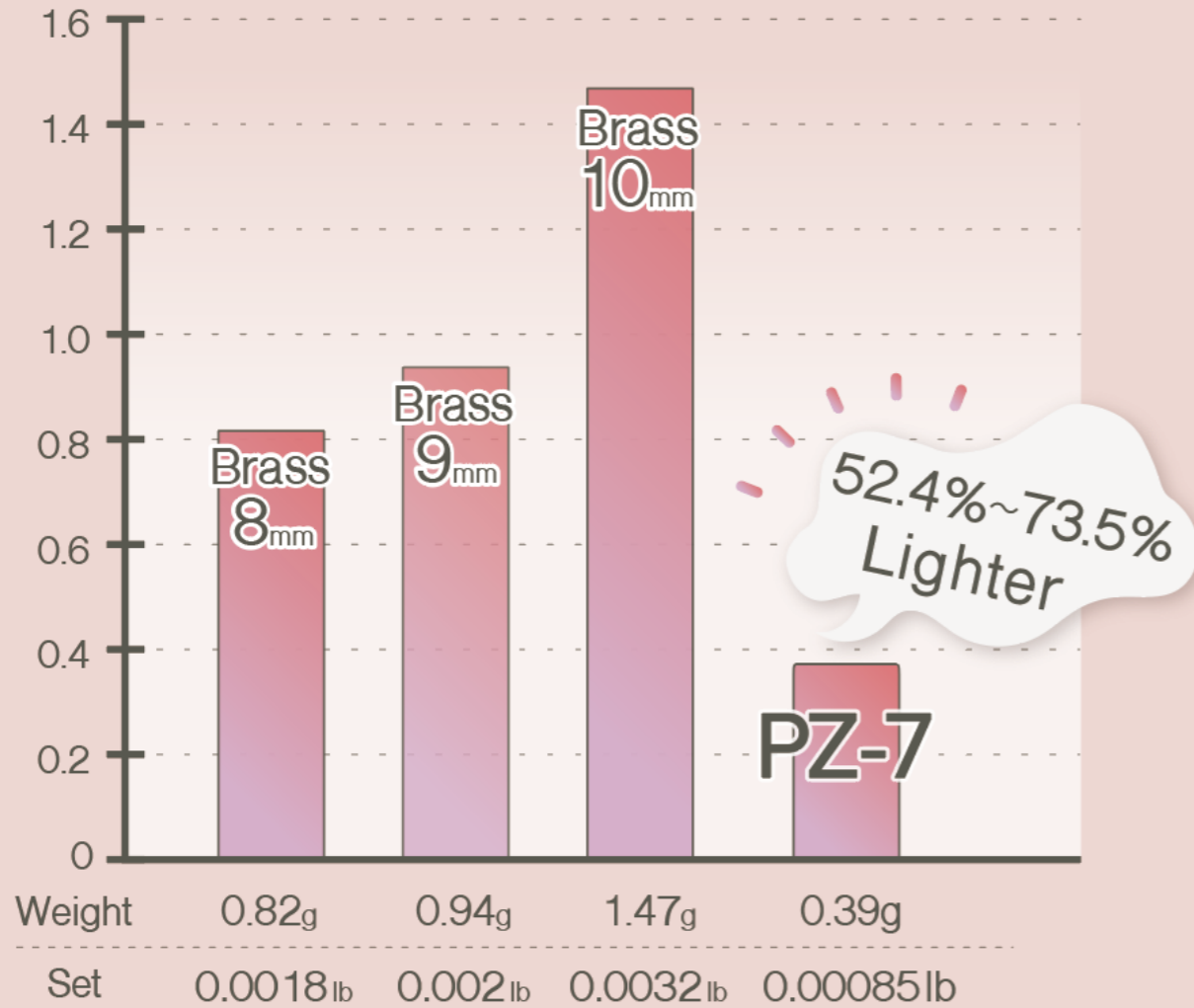
\* Sockets and studs available in Natural 11083 only



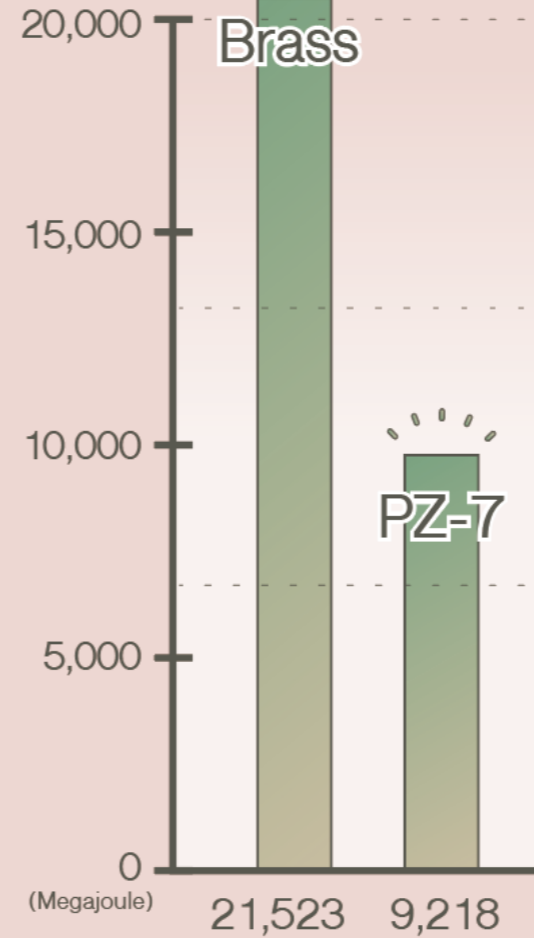
## 2 Why PZ-7?



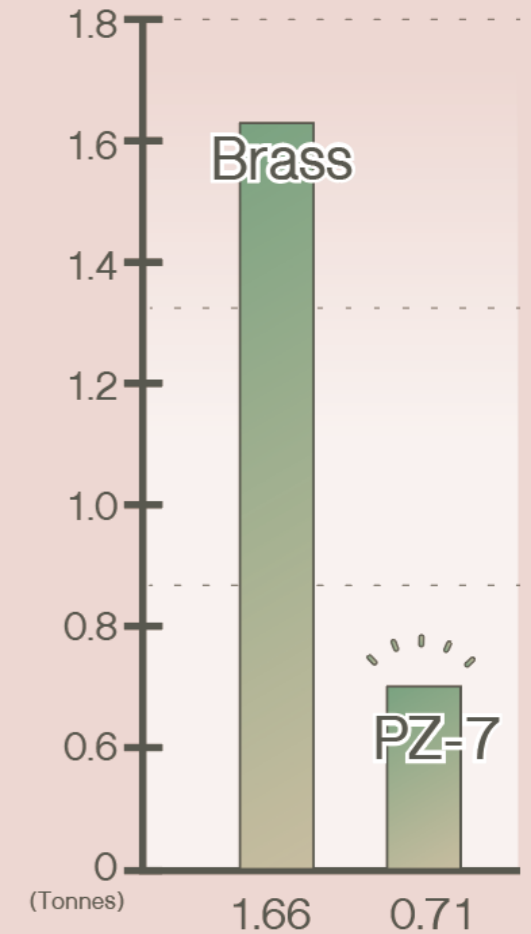
### Light Weight



### Energy Consumption



### GHG emissions as CO2e



In case of 10,000,000 sets from Tokyo Japan to Atlanta USA by sea shipment

Reference : <https://www.ecotransit.org/index.en.html>



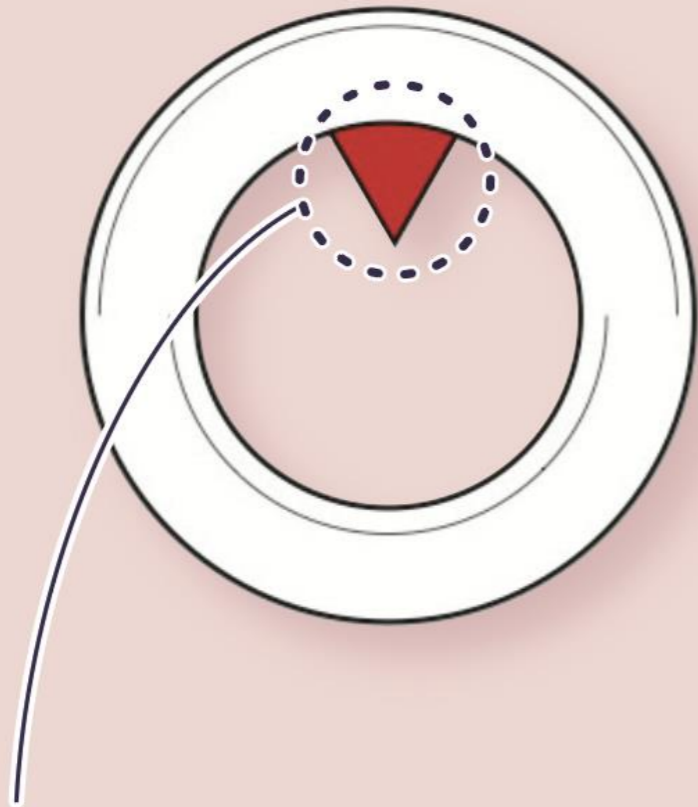


## 2 Why PZ-7?



### Why PZ-7?

Single Post Design Eliminates Leg Outs/Leg Ins.



Prevents harm from sharp edges



Prevents accidental scratching on skin



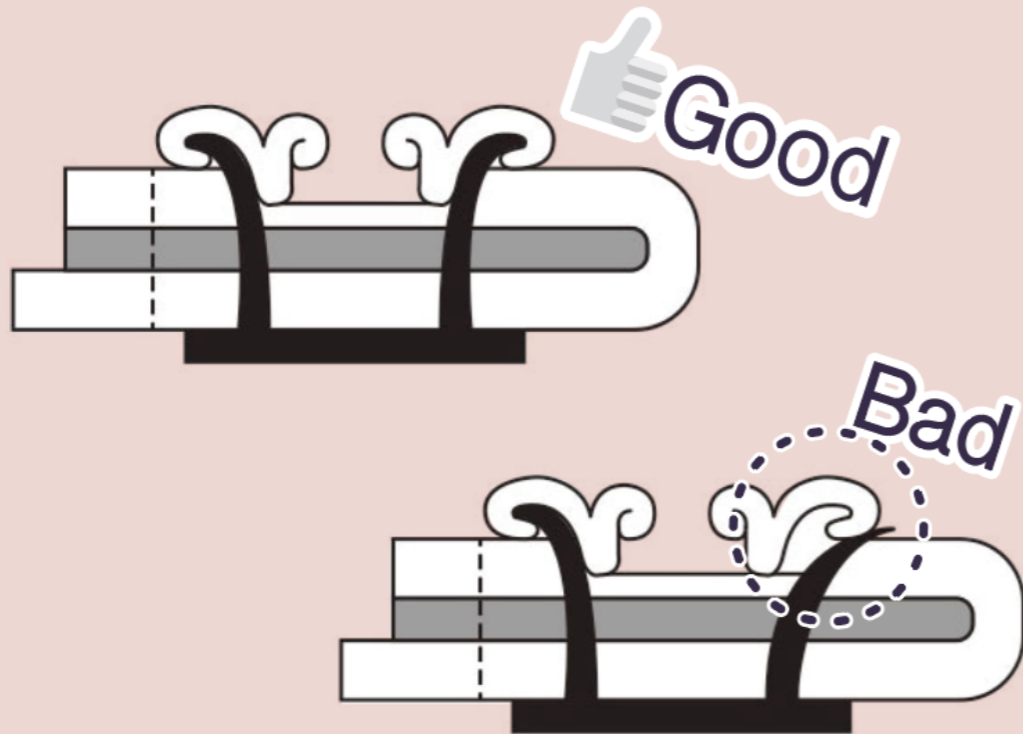
## 2 Why PZ-7?



# Why PZ-7?

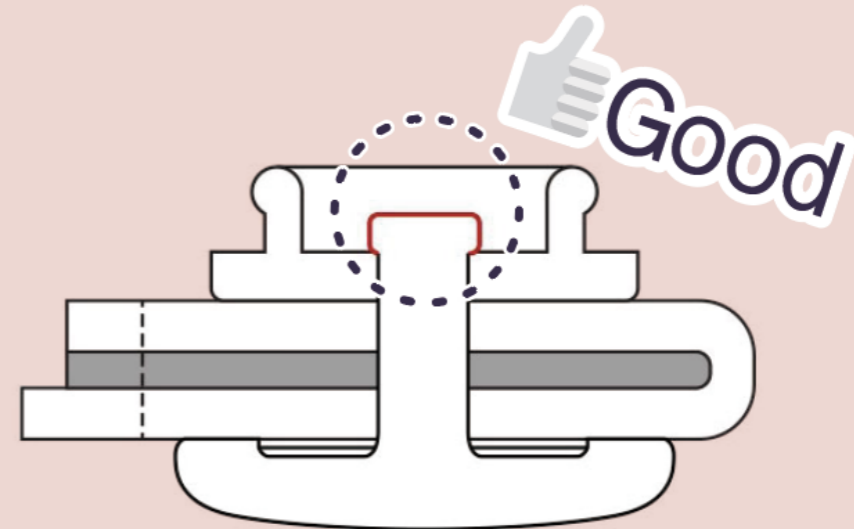
No Needle Detection Alerts  
PZ-7 Allows for easy attachment inspection

### Metal snap Fasteners



Sharp and dangerous prongs

### PZ-7 Plastic snap Fasteners



Simple structure



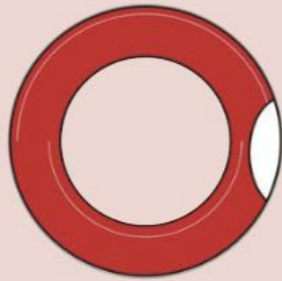


## 2 Why PZ-7?



# Why PZ-7? | Good Color Durability

### Brass

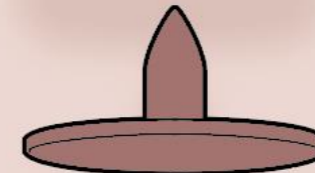
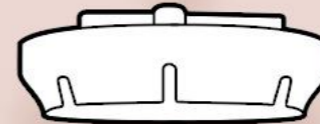
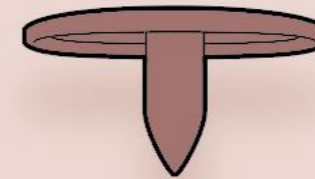


Paint could come off



Plating could get dull

### Plastic



Color will not come off



Chemicals do not affect plastics



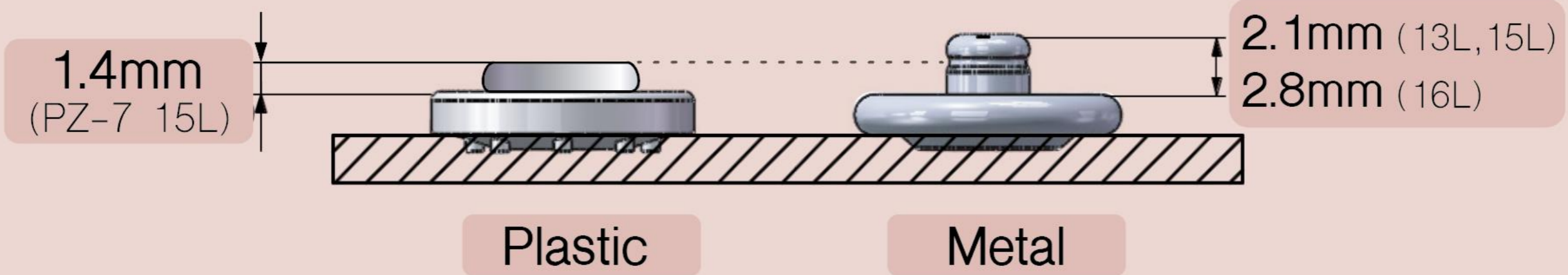
## 2 Why PZ-7?



# Why PZ-7?

### Baby-Friendly Lower Profile Surface

PZ-7 will not hurt babies when they step on the surface





# 3 Morito Safety Standards



# MORITO SAFETY STANDARDS

## Technical Support

### Attaching Guidance

### Data Sheet

**PLASTIC SNAP FASTENERS**

Snap may be broken when attaching on a different portion of the thickness.

Check if snap does not come off easily.

Check if snap does not turn around.

Please attach snap firmly and wrong part is fixed enough.

Snap may come off, break (snap) or become weaker action force or cut the fabric when attaching on a different portion of the thickness. Please do not attach snap on the uneven seam part.

Please check if the stem of cap and post curled well.

Snap may come off, break (snap) or become weaker action force on different portion of the thickness. Please attach snap on the correct portion firmly.

**GARMENT CHECK AND RECOMMENDATIONS**

To: 0 Ref. No: 2013/12/16  
 Attention: 0 Date: 2013/12/16  
 From: MORITO IND CO (HK) LTD Page: 1/3  
 Copy to: Season: SUM14

We checked your "actual construction sample" of garment style: 0

which requires the following B & F (Buttons and Fasteners) of MORITO.

A. BB-170-LA / BB-170-B	F. BB-170-A / BB-170-CW
B. BB-170-LA / BB-170-CW	G. _____
C. BB-170-A / BB-170-B	H. _____
D. BB-170-A / BB-170-CW	I. _____
E. BB-170-A / BB-170-B	J. _____

We observe the potential problems as illustrated below at the B & F attaching locations of the sample.

\*Alphabets in the parentheses below indicate the above B & F.

- ( ) Bevel thickness
- ( ) Over thickness
- ( ) Under thickness
- ( ) Attach on slit/skirt edge
- ( ) No stitch reinforcement
- ( ) Others

**SNAP FASTENER DATA SHEET** PAGE: 2/3

DEPARTMENT: 001 ATTACHED BY: BB-170-B010A  
 GARMENT NAME: 0 CITY: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_  
 MATERIAL NAME: \_\_\_\_\_ CONTACT: \_\_\_\_\_

SNAP FASTENER SUPPLIER: MORITO IND CO (HK) LTD  
 MODEL: YES ART. MODEL: YES MFG. D. FROM: 000

FASTENER	REFERENCE NO.	FASTENER	REFERENCE NO.	RECOMMENDED FABRIC THICKNESS	WEAKEN	WEAKEN
CAP		SOCKET				
POST		STUD				
SOCKET		PLASTIC STUD				
STUD		POST				
PLASTIC STUD		PLASTIC STUD				
POST		POST				

MADE BY: \_\_\_\_\_ DATE: \_\_\_\_\_

**GARMENT CHECK AND RECOMMENDATIONS**

Ref. No: 2013/12/16  
 Date: 2013/12/16  
 Page: 1/3  
 Season: SUM14

\*actual construction sample " of garment style: 0

ing B & F (Buttons and Fasteners) of MORITO.

B-B	F. BB-170-A / BB-170-CW
B-CW	G. _____
B	H. _____
-CW	I. _____
B	J. _____

1) problem at the B & F attaching locations of the sample.

ITEM	SNAP ATTACHING LOCATION
A. BB-170-LA / BB-170-B	SOCKET
B. BB-170-LA / BB-170-CW	STUD
C. BB-170-A / BB-170-B	PLASTIC STUD
D. BB-170-A / BB-170-CW	POST
E. BB-170-A / BB-170-B	PLASTIC STUD
F. BB-170-A / BB-170-CW	POST
G. BB-170-A / BB-170-CW	PLASTIC STUD
H. BB-170-A / BB-170-B	POST
I. BB-170-A / BB-170-CW	PLASTIC STUD
J. BB-170-A / BB-170-B	POST

Please advise us in case you made any alteration to the above garment construction. We are always happy to recheck your garments. Thank you very much for your kind attention. Best regards,





## 3 Morito Safety Standards



# MORITO SAFETY STANDARDS

## Product Safety

PZ-7 passes OEKO-TEX and CPSIA standards

- Nickel Free
- Lead Free
- Heavy Metal Toxicity Free

Passes Needle Detection Inspections

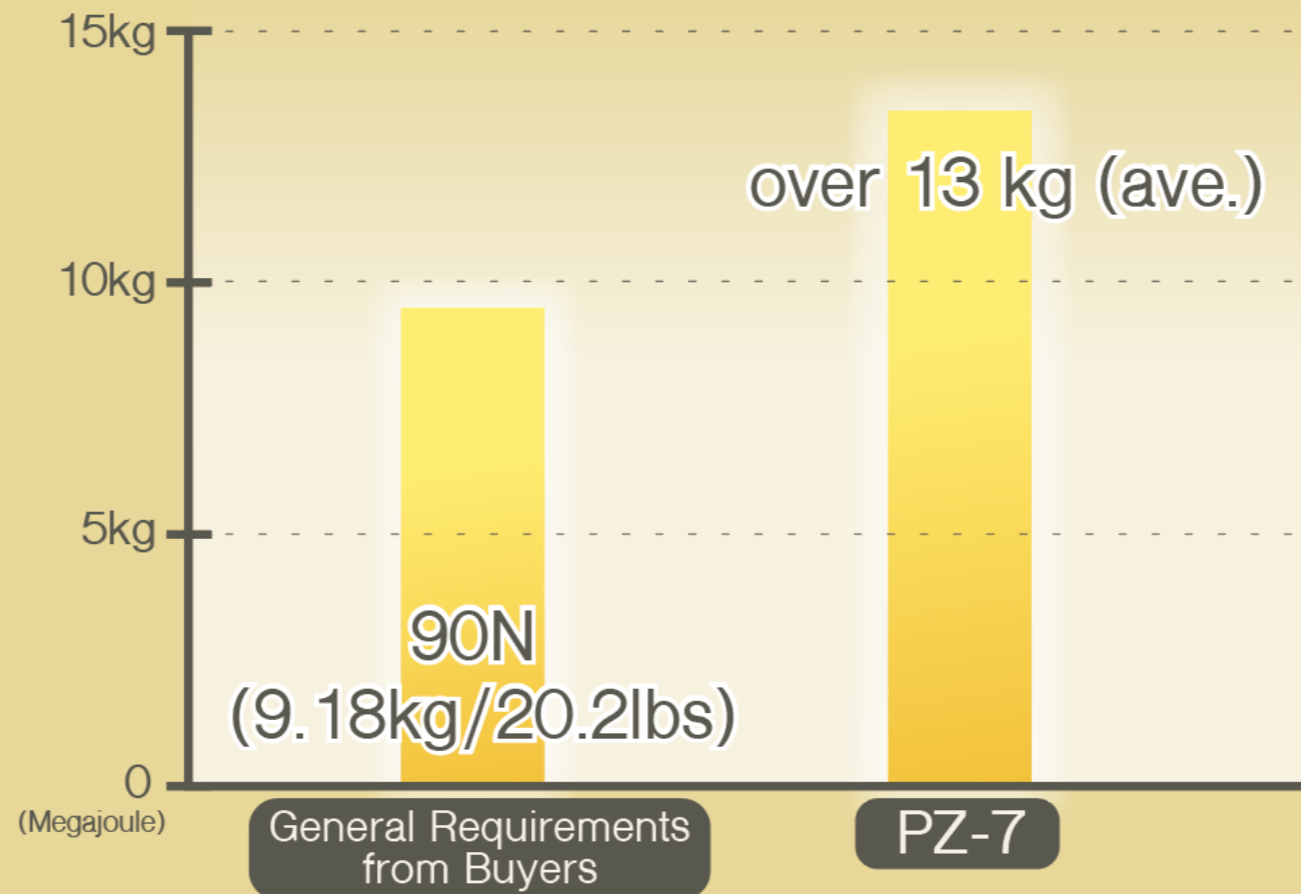




## MORITO SAFETY STANDARDS

Attachment Safety

### Tensile Strength



Cf. British Standard BS5665 (EN71) Part 1  
"Safety of Toys Specification for Mechanical and Physical Properties"





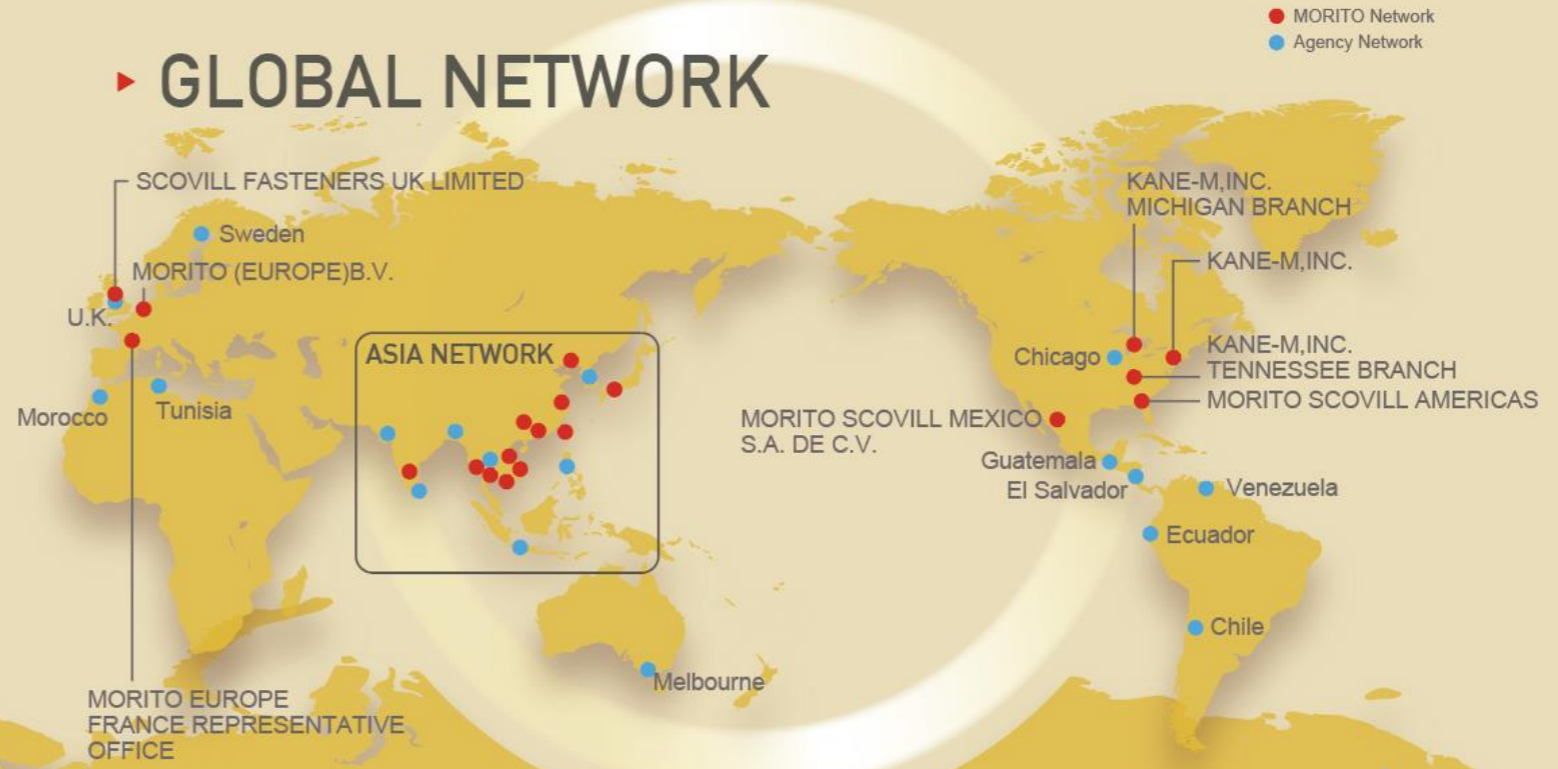
# 3 Morito Safety Standards



## MORITO SAFETY STANDARDS

### MORITO NETWORK

#### GLOBAL NETWORK



#### ASIA NETWORK







# 4 Easy Attachment Fastening Machines

## FASTENING MACHINES

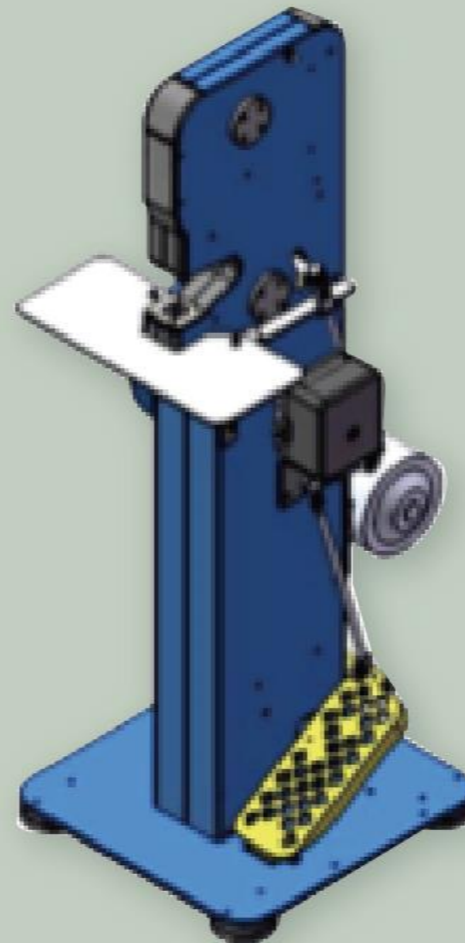
Easy Attachments with Our Fastening Machines

Fully Automatic



MT-200

Semi-Automatic



MT-700

Hand Press



MT-3NR

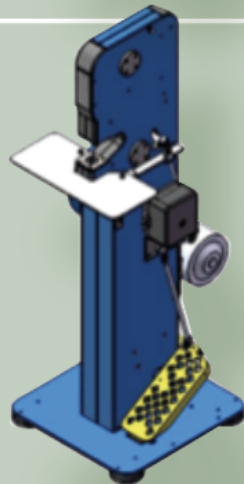


## 4 Easy Attachment Fastening Machines



### MT-200 : Fully Automatic Fastening Machine

- Ten times faster attachment speed than semi-automatic machine
- Simple and easy refill of snap fasteners
- Snaps feed into the attaching position automatically
- Target light helps locate the attachment for accurate and consistent placement
- Quiet operation
- Easy to adjust the stroke.



### MT-700: Semi-Automatic Fastening Machine

- Light and comfortable operation
- Safety clutch mechanism ensures safe operation
- Allows for various plastic snap attachments with a simple die change



### MT-3NR: Hand Press Fastening Machine

- Compact and portable usage
- Safety protection mechanism



**NEW**  
What is **PZ-7?** Plastic Snap Fasteners



**END**

