



**MTG**

No limits innovation



**MTG SYSTEMS**

TECHNICAL SERVICES & RELIABILITY DEPARTMENT



No limits innovation





Based on an **optimal balance hardness and toughness**, MTG Steels provide the best possible characteristics available today in terms of wear resistance.

MTG manufacturing procedures incorporate the most advanced techniques in molded steels.

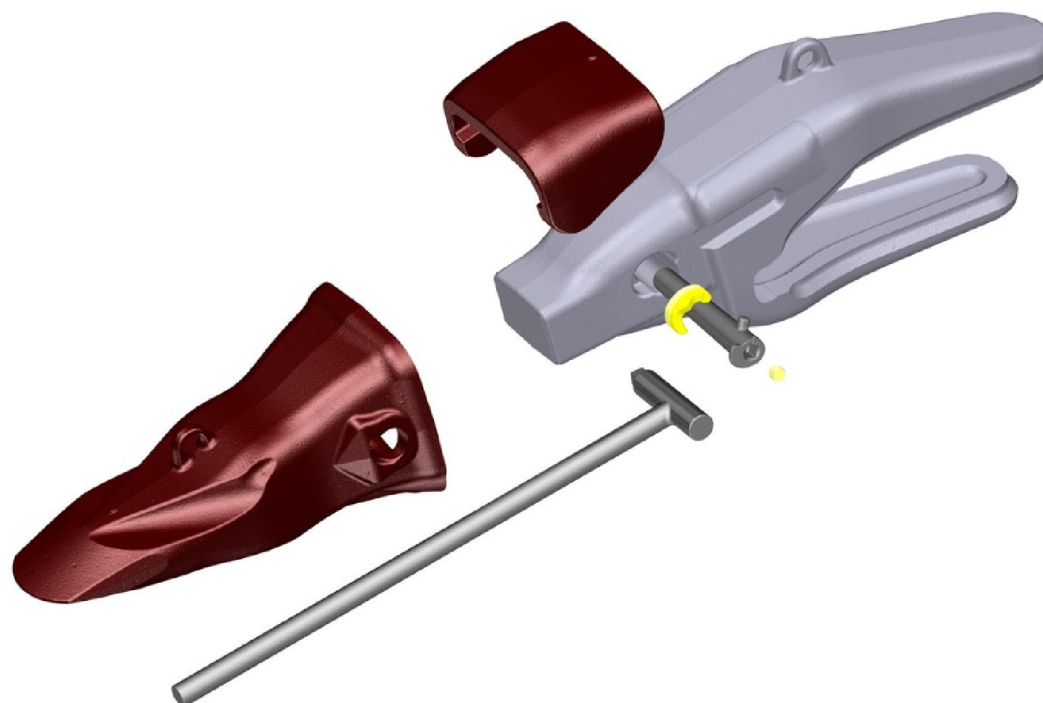
MET 71	514 HB	}	TEETH
MET 70	514HB		
MET 41	438 HB	}	ADAPTERS
MET 40	477 HB		





**MTG**

No limits innovation



TECHNICAL SERVICES & RELIABILITY DEPARTMENT

SIZES

STARMET



**MTG**

No limits innovation



**MTG SYSTEMS**

**STARMET**

*PRODUCT RANGE*

**Construction**

**Heavy**

**construction**

**Mining**

15

20

30

40

50

60

120

180

240

500

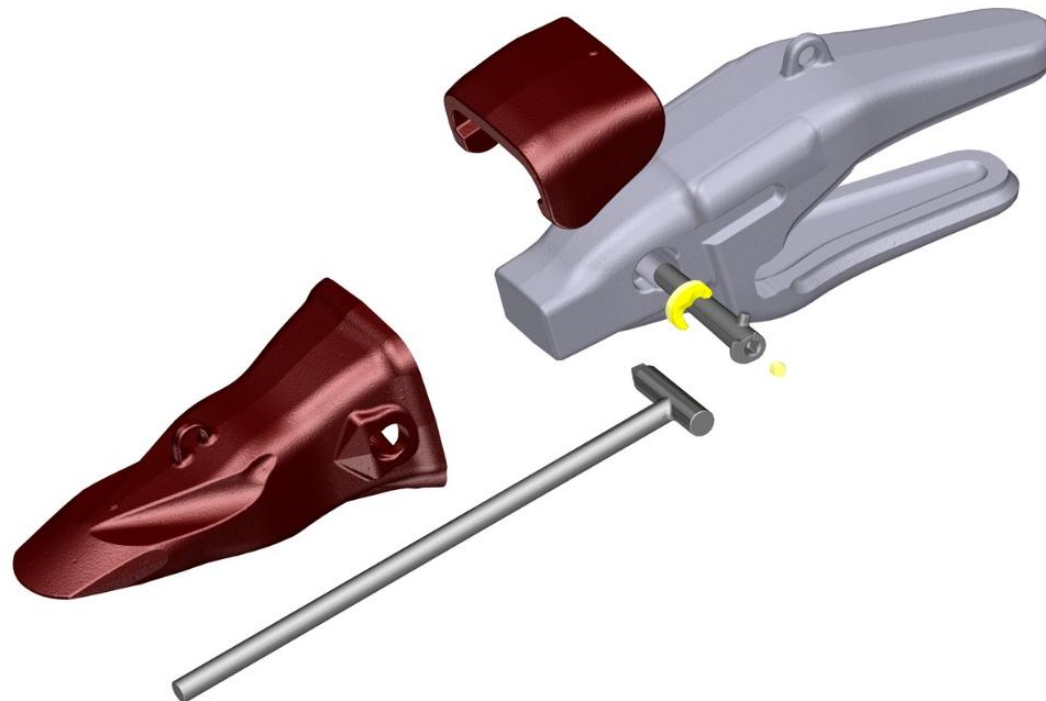
TECHNICAL SERVICES & RELIABILITY DEPARTMENT

Safe and productive

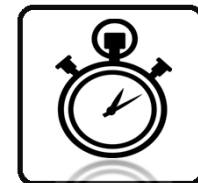
STARMET



No limits innovation



Safe



Quick



Easy



TECHNICAL SERVICES & RELIABILITY DEPARTMENT

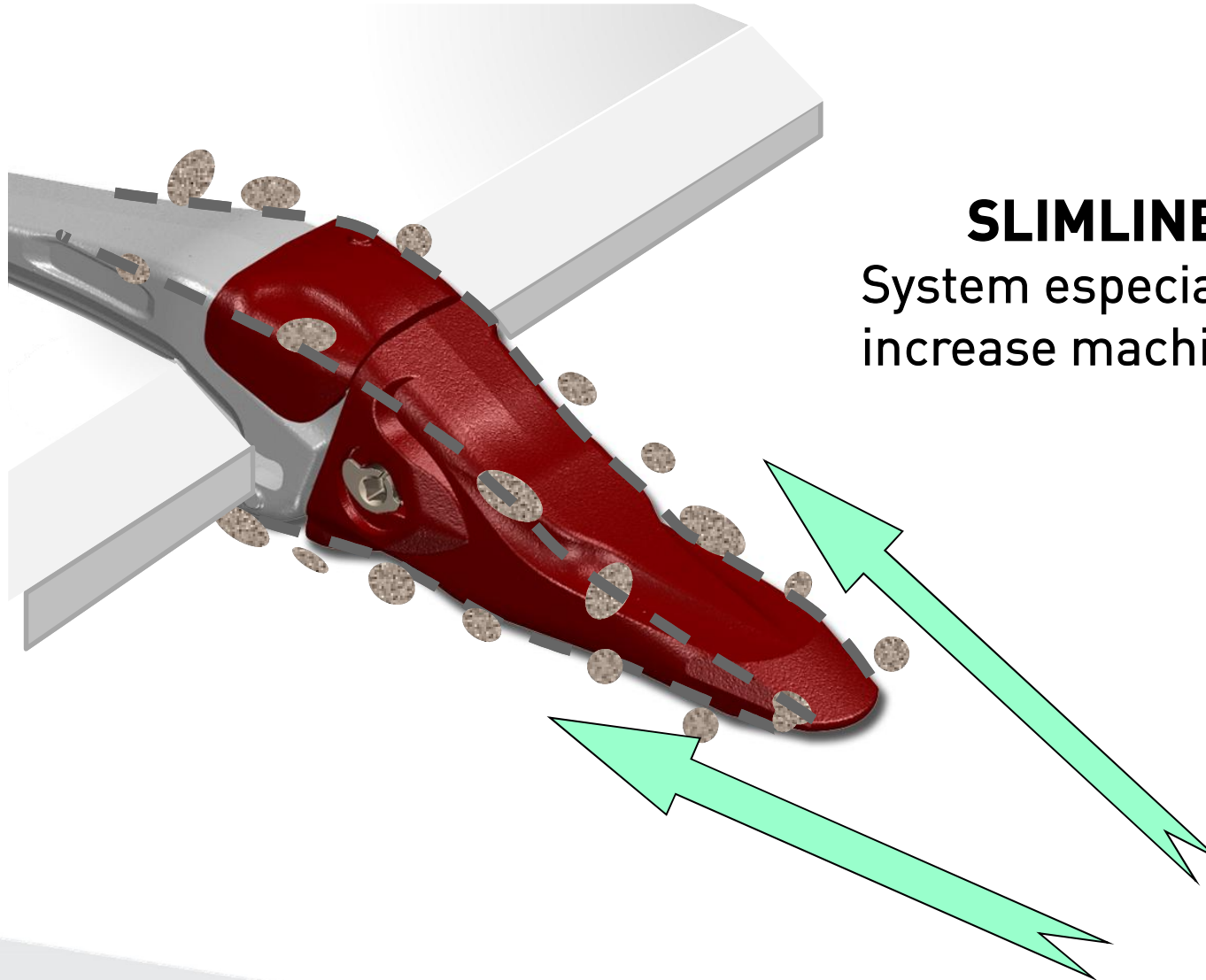
Benefits: **Savings & Productivity**

STARMET



**MTG**

No limits innovation



## **SLIMLINE PROFILE**

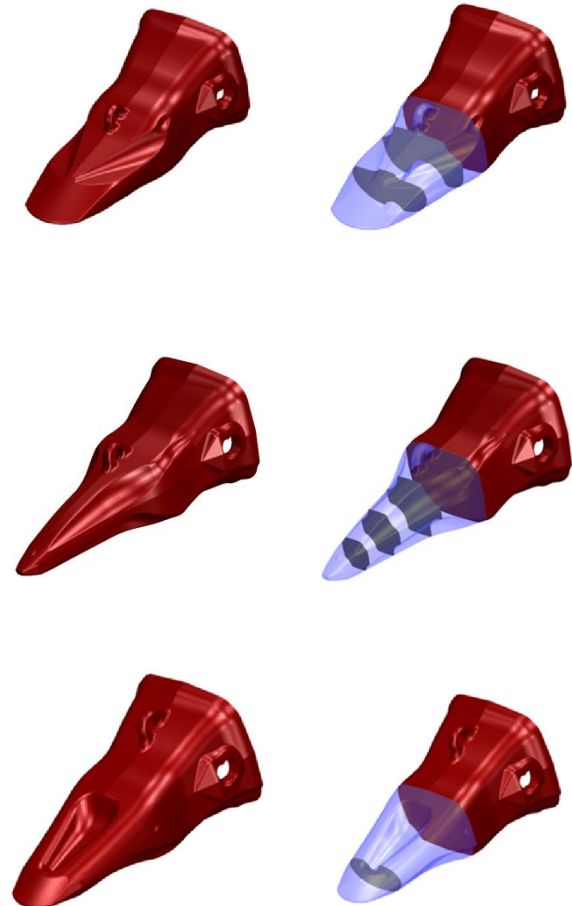
System especially designed to increase machine productivity

TECHNICAL SERVICES & RELIABILITY DEPARTMENT



## TEETH ALWAYS STAY SHARP

- Better bucket penetration throughout teeth life  
    ↳ Less fuel consumption





Benefits: **Longer Adapter wear-life**

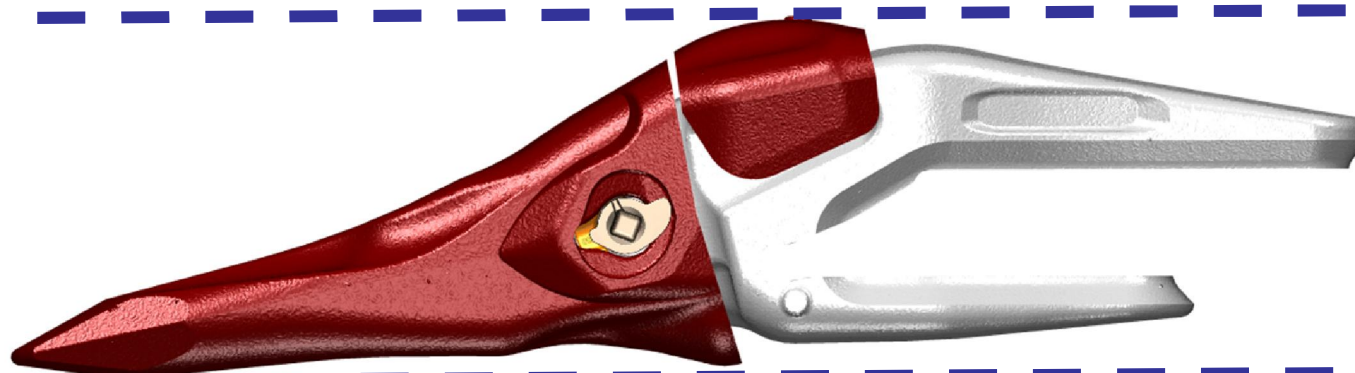
STARMET



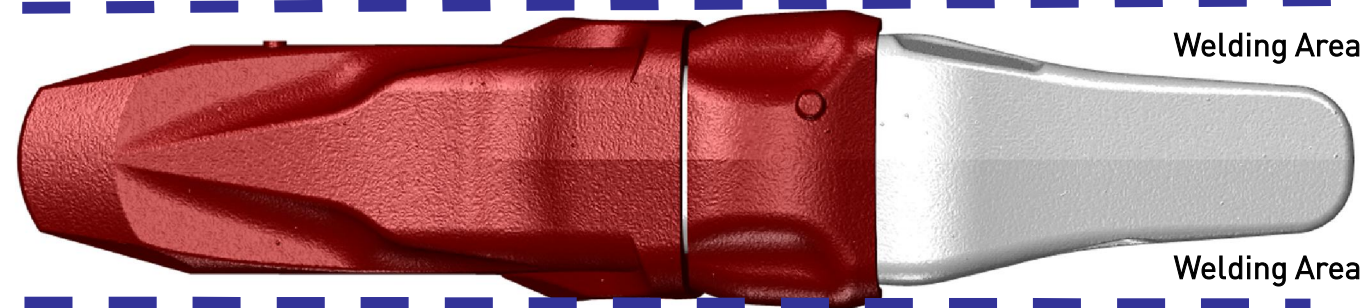
**MTG**

No limits innovation

Wearcap provides adapter protection



Design provides welding area protection

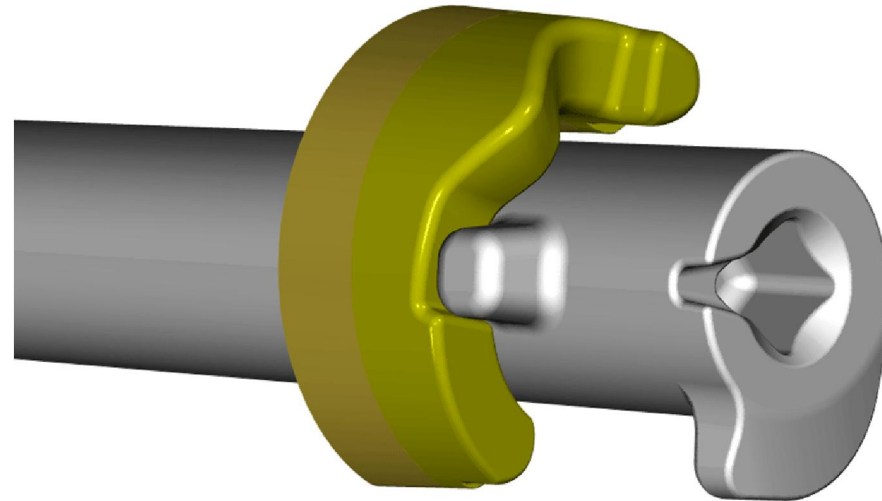
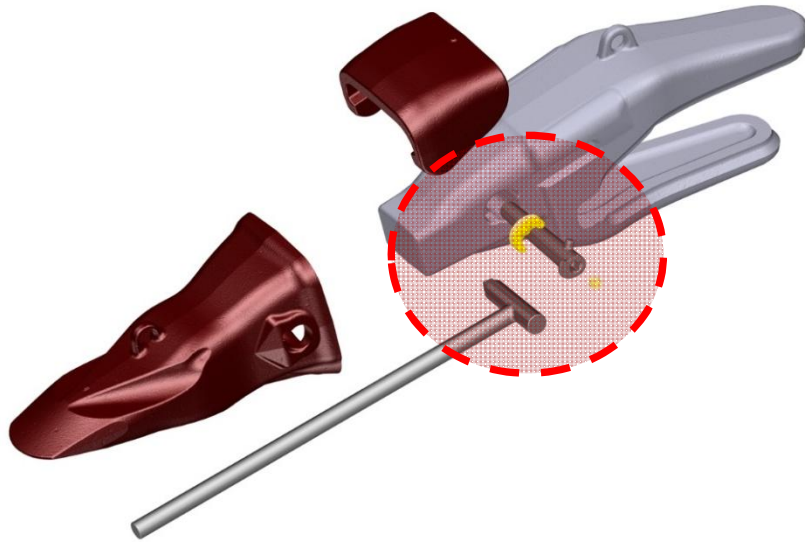


Benefits: **Greater safety**

STARMET



This innovative solution offers  
**REALIABILITY**



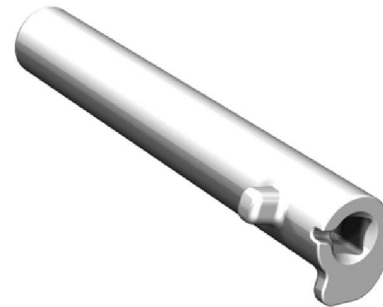
When operating:

- **Excellent retention**

## QUICK ASSEMBLY AND DISASSEMBLY

### TO FACILITATE EXTRACTION:

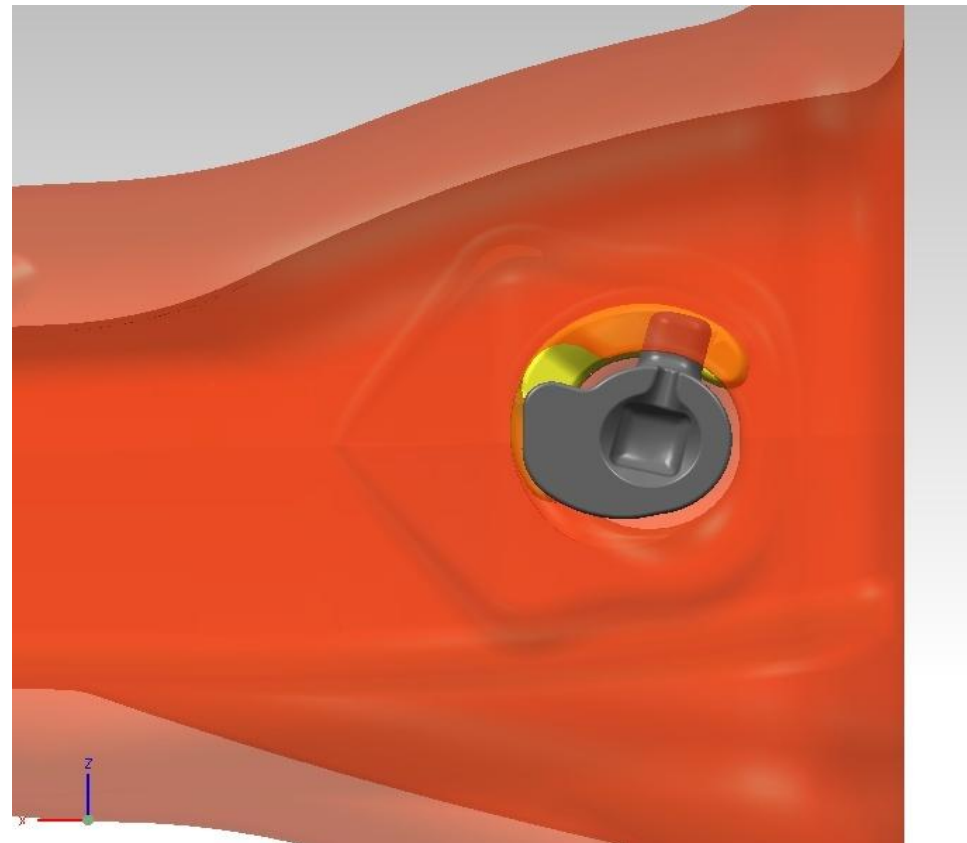
- Conical Pin
- Breaking the compacted fines
- Easier extraction



This innovative solution  
offers **REALIABILITY**

When operating:

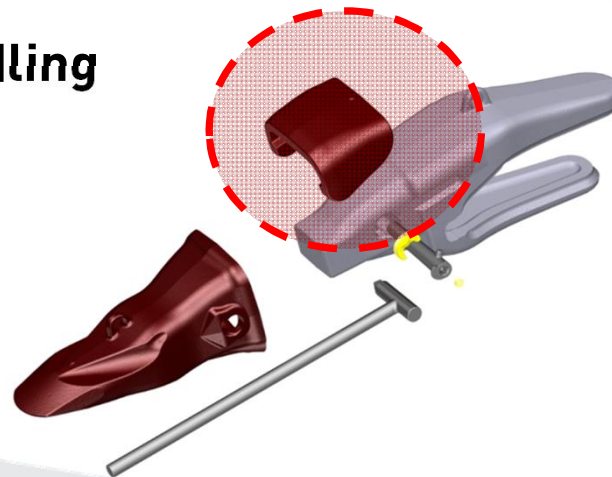
- Ramp disassembly aid



Extending the service life of the adapter.

## MECHANICAL WEAR CAP

- Easy to assemble
- Wear cap held by the tooth
- Quick wear cap change
- Easy handling



Extending the service life of the adapter.

- Easy to assemble
- Wear cap held by the tooth
- Quick wear cap change
- Easy handling

## MECHANICAL WEAR CAP





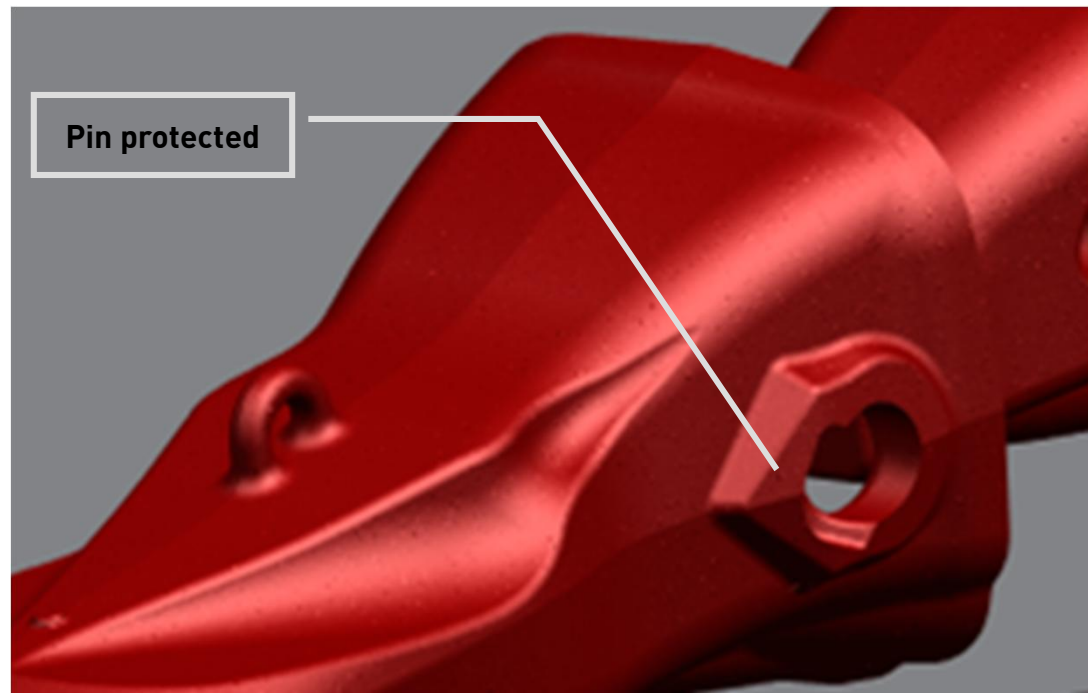
Benefits: **Save & Longer Service Life**

STARMET



## **LOCKING SYSTEM**

**Re-usable pin.**



## Summary of Benefits: **Longer Service Life**

STARMET



**MTG**

No limits innovation



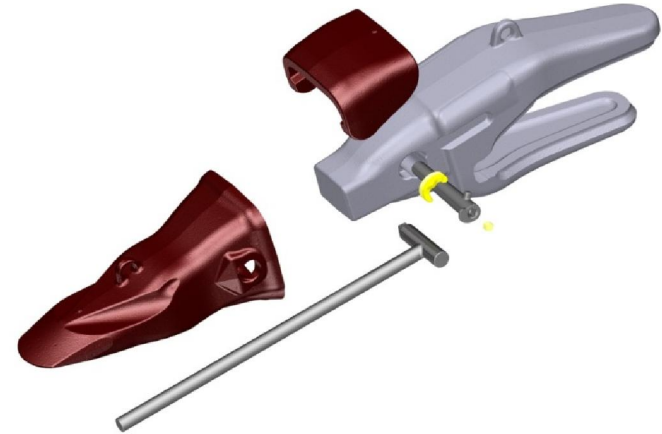
**Tooth**  
Optimised design,  
with more wear material.



**Adapter**  
System designed to protect the adapter  
and the welding from lower and  
lateral wear.



**Mechanical Wear Cap**  
Designed for highly abrasive  
applications extending the service  
life of the adapter.



**Locking system**  
The innovative MTGtwist solution  
facilitates assembly and disassembly  
reducing your machine's downtime.

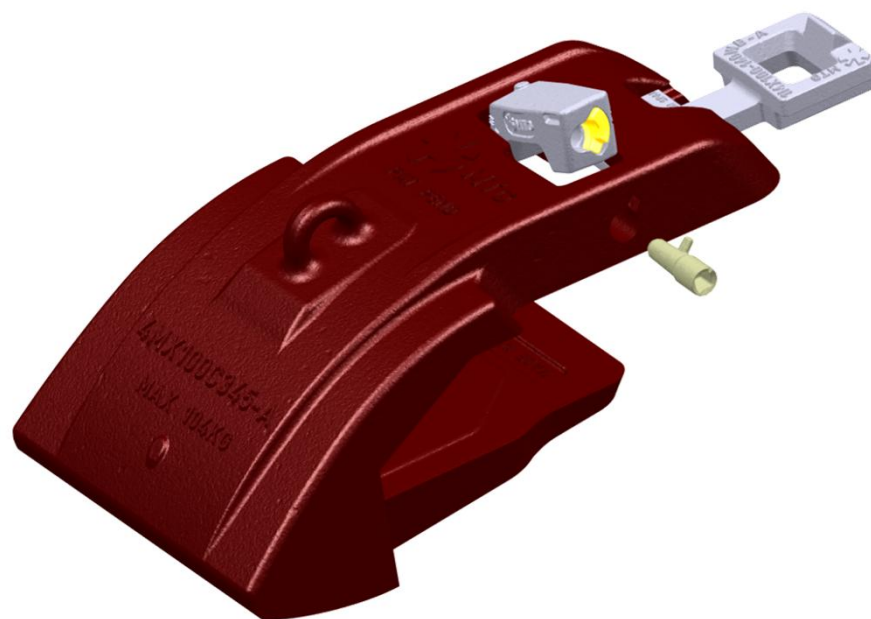


**MTG Steels**  
Steels with longer life  
and fewer breakages.



**MTG**

No limits innovation

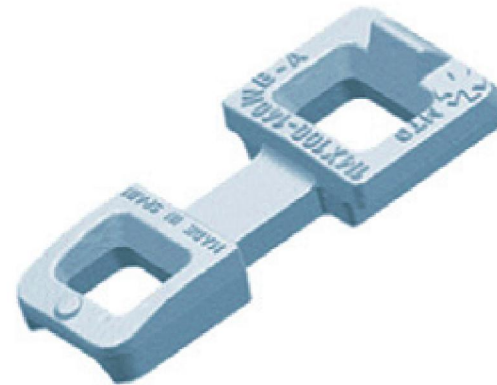
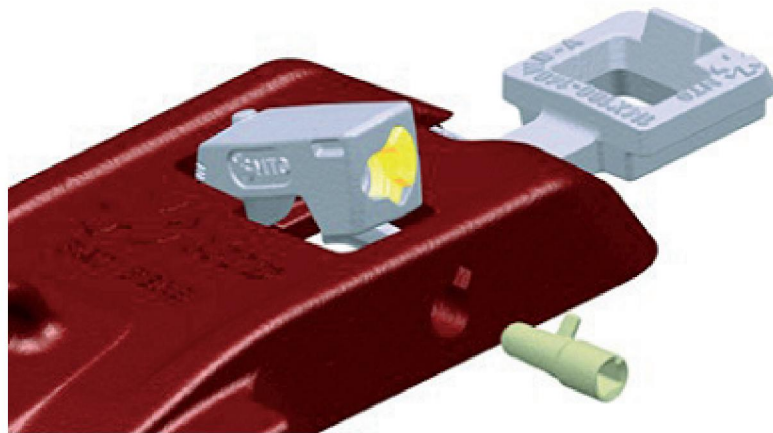


TECHNICAL SERVICES & RELIABILITY DEPARTMENT

## Features and advantages

### MTG Twist hammerless locking system

- Only requires one weldable base to be installed for each blade shroud.
- Positioning guides that enable **precise and quick assembly, reducing the machine's downtime.**



**Easy change-over**

**Only one weldable base required**



- Fast and Safe change
- Reduced machine downtimes
- Extend bucket life
- Enlarge bucket capacity
- Longer Shrouds wear life





Extend the lip life



Protect the adapter weldings



Reduces the bucket maintenance







**More material into  
bucket**

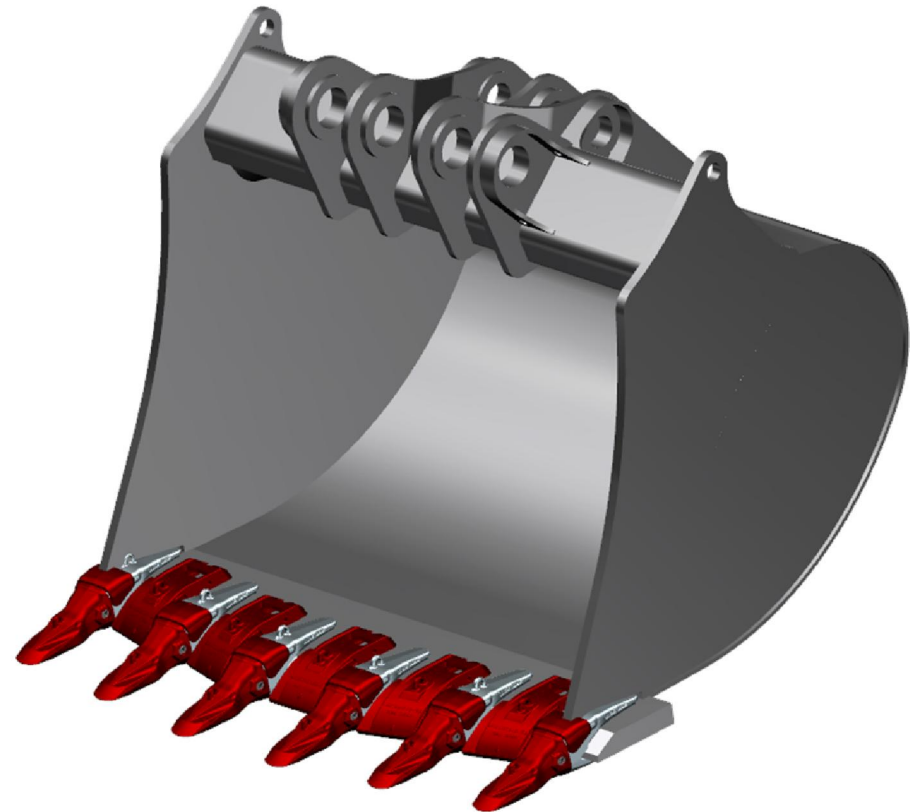
Increased productivity



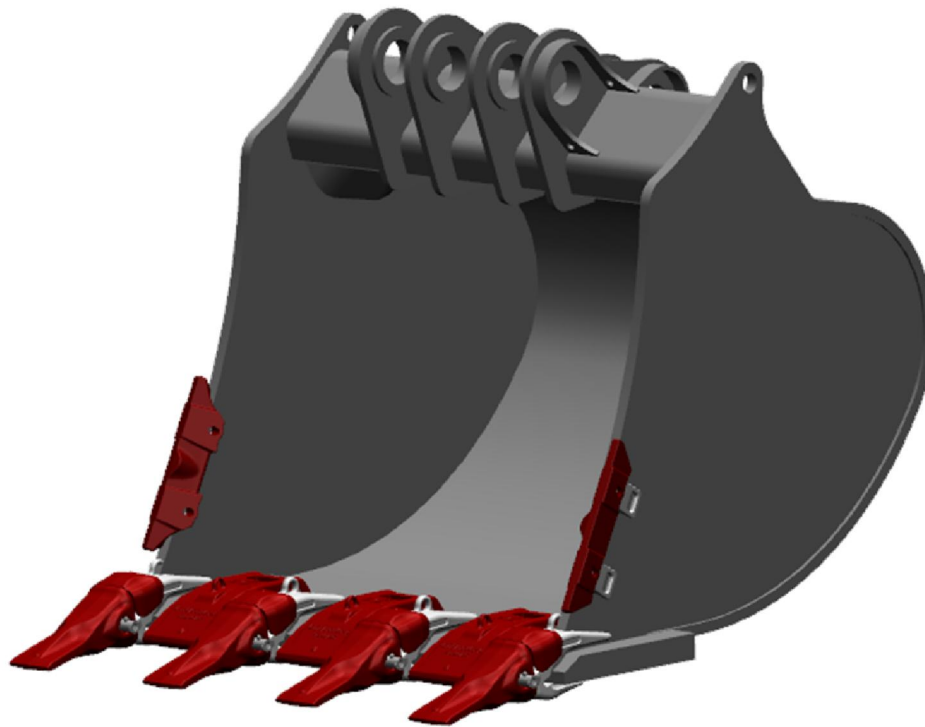


## PROTECTS THE BUCKET AND IMPROVES PRODUCTIVITY IN THE SAFEST WAY.

- Easy installation
- Fast and safe change
- Less machine downtimes
- Extend the bucket life
- Increase bucket capacity and penetration.

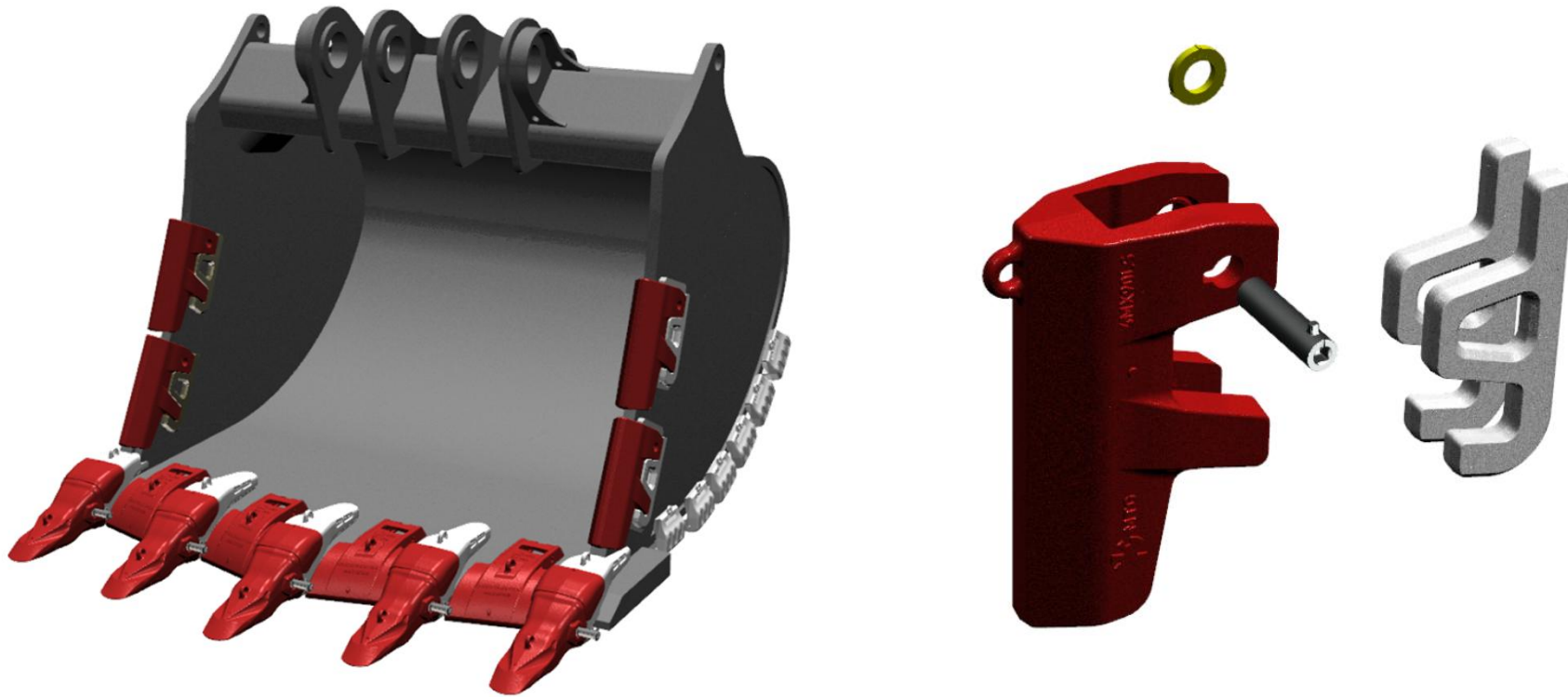


## Mechanical Lateral Shrouds



- Machines until 60 Tn
- Heavy construction

## Mechanical Lateral Shrouds

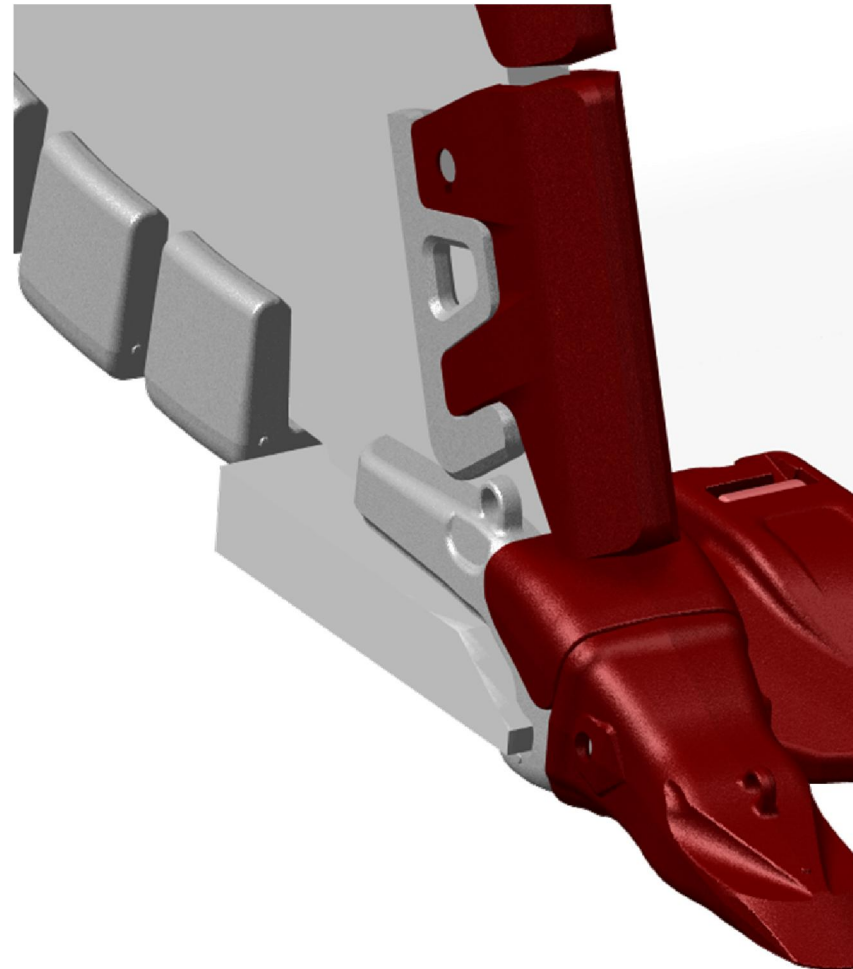
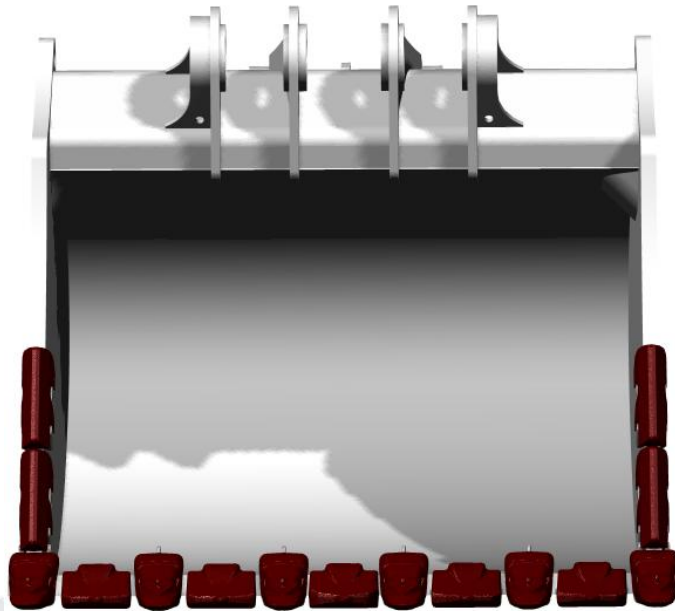


- Machines more than 60 Tn
- Mining

### PROMET WING

#### Features and advantages

- Strong design for heavy duty applications
- Reinforced weldable base in both sides of the lateral







WING SHROUD  
PN: 4MXB\*\*LS



WELD-ON BASE  
PN: 1MXB\*\*WB (2 units)



RETAINER  
PN: 2MXB\*\*RL



PIN  
PN: 2MXB\*\*PR



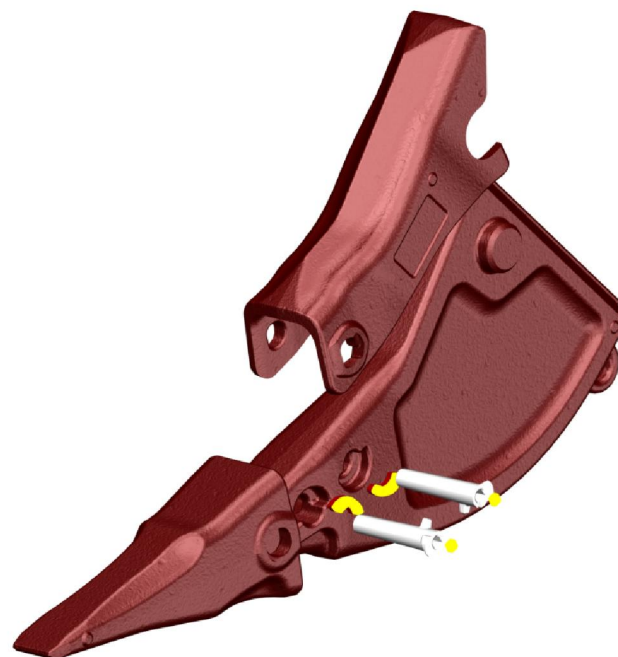


**MTG**

No limits innovation



**RIPMET**



TECHNICAL SERVICES & RELIABILITY DEPARTMENT

RIPMET

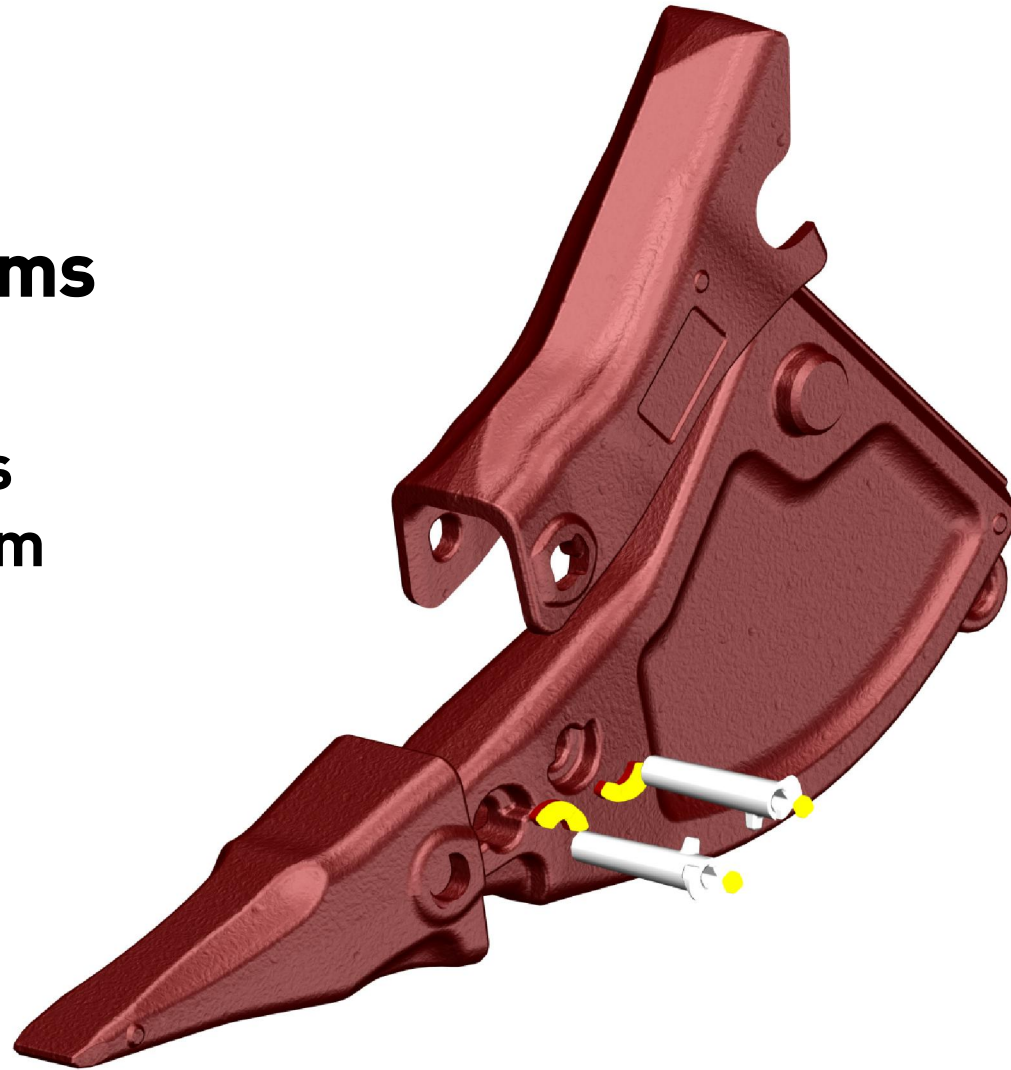


**MTG**

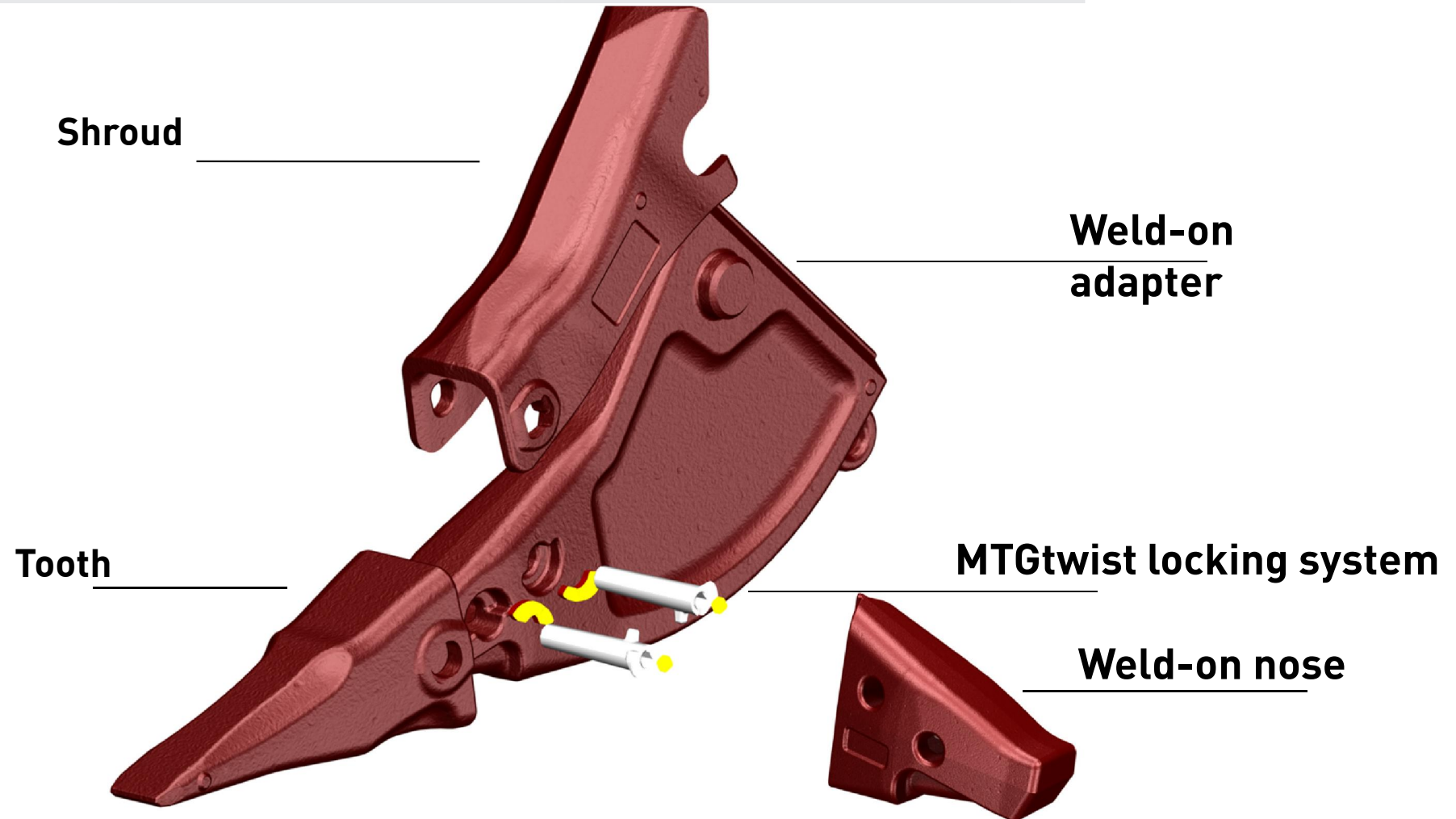
No limits innovation

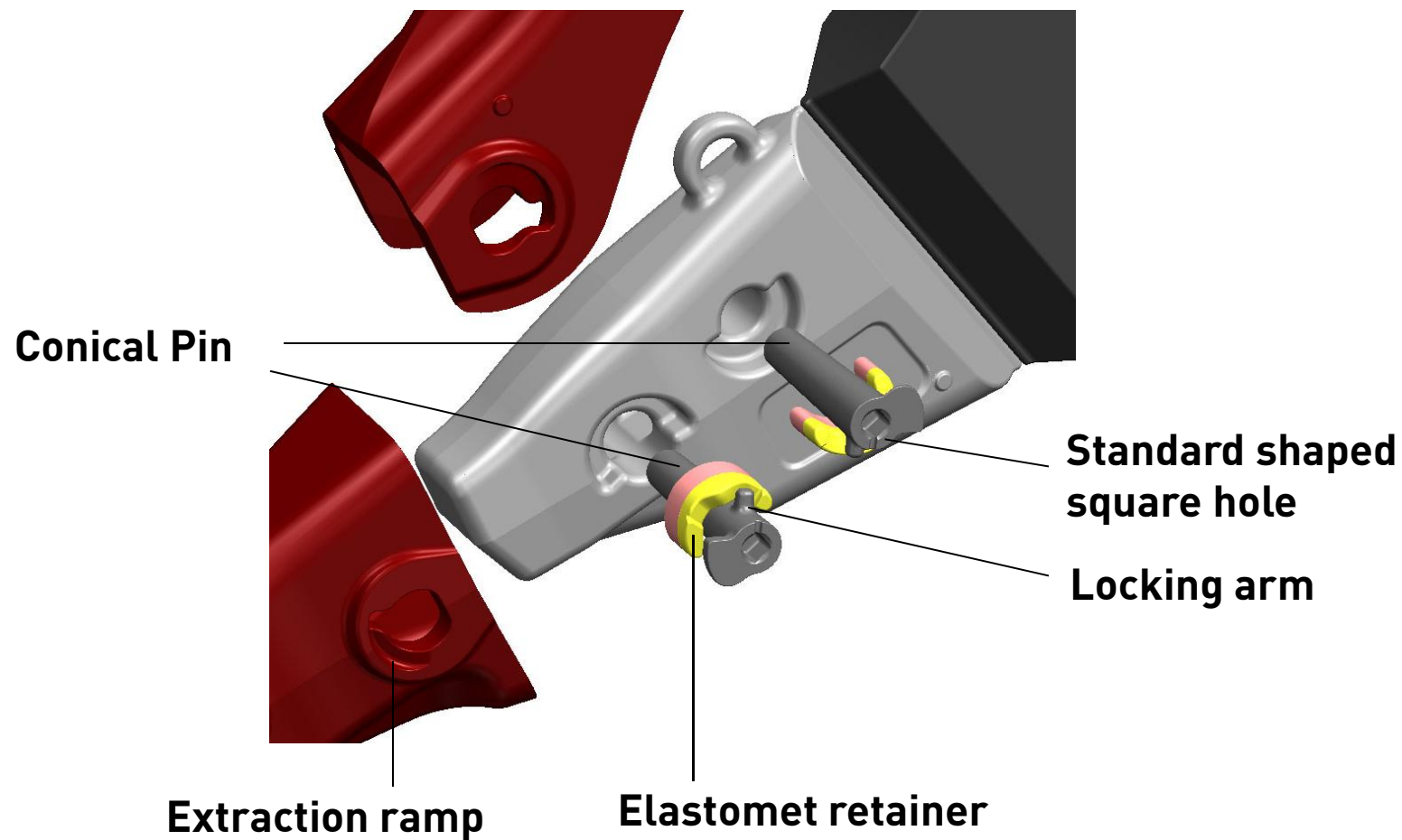
# **MTG Systems RipMet**

**Hammerless  
ripper system**



TECHNICAL SERVICES & RELIABILITY DEPARTMENT



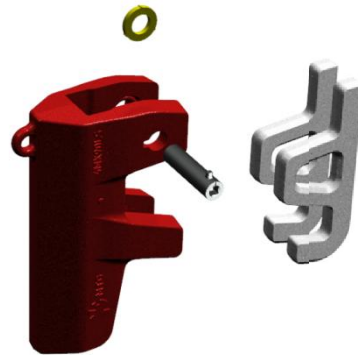


## *G.E.T EQUIPMENT FOR EXCAVATORS AND LOADERS*

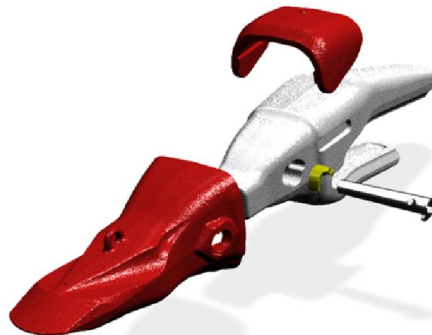
### *Excavators G.E.T Equipment*



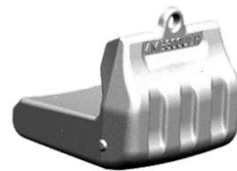
*Promet Lip  
Shrouds*



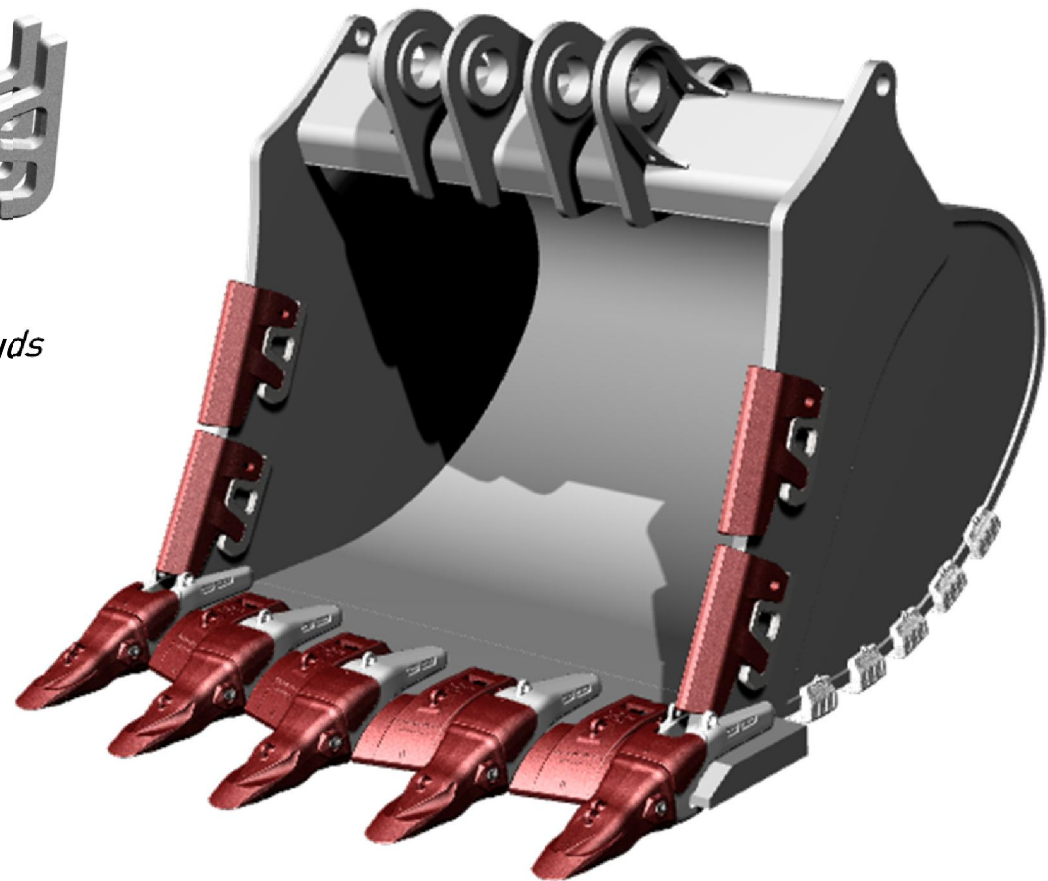
*Promet Wing Shrouds*



*StarMet System*



*Weld-on  
Heel Shrouds*





## *G.E.T EQUIPMENT FOR EXCAVATORS AND LOADERS*

### *Loaders G.E.T Equipment*



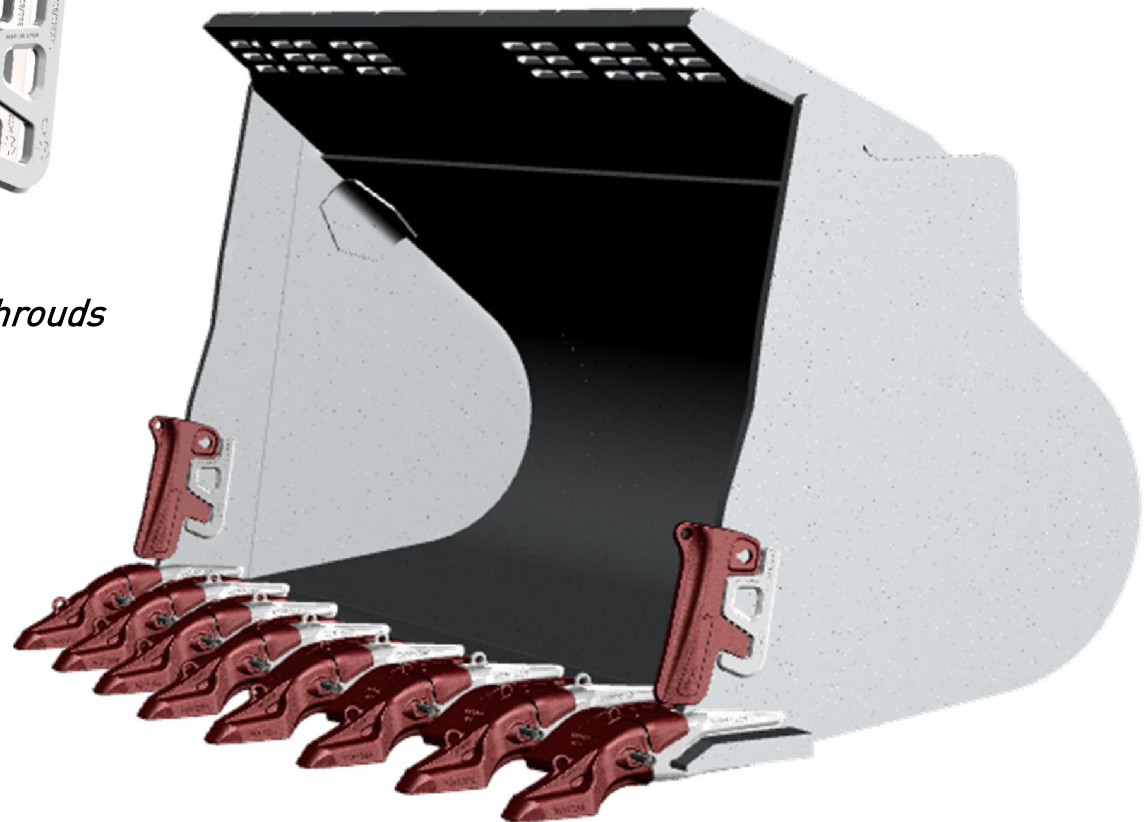
*Promet Lip Shrouds*



*Promet Wing Shrouds*



*StarMet System*







**MTG**

No limits innovation

**THANK YOU**

TECHNICAL SERVICES & RELIABILITY DEPARTMENT