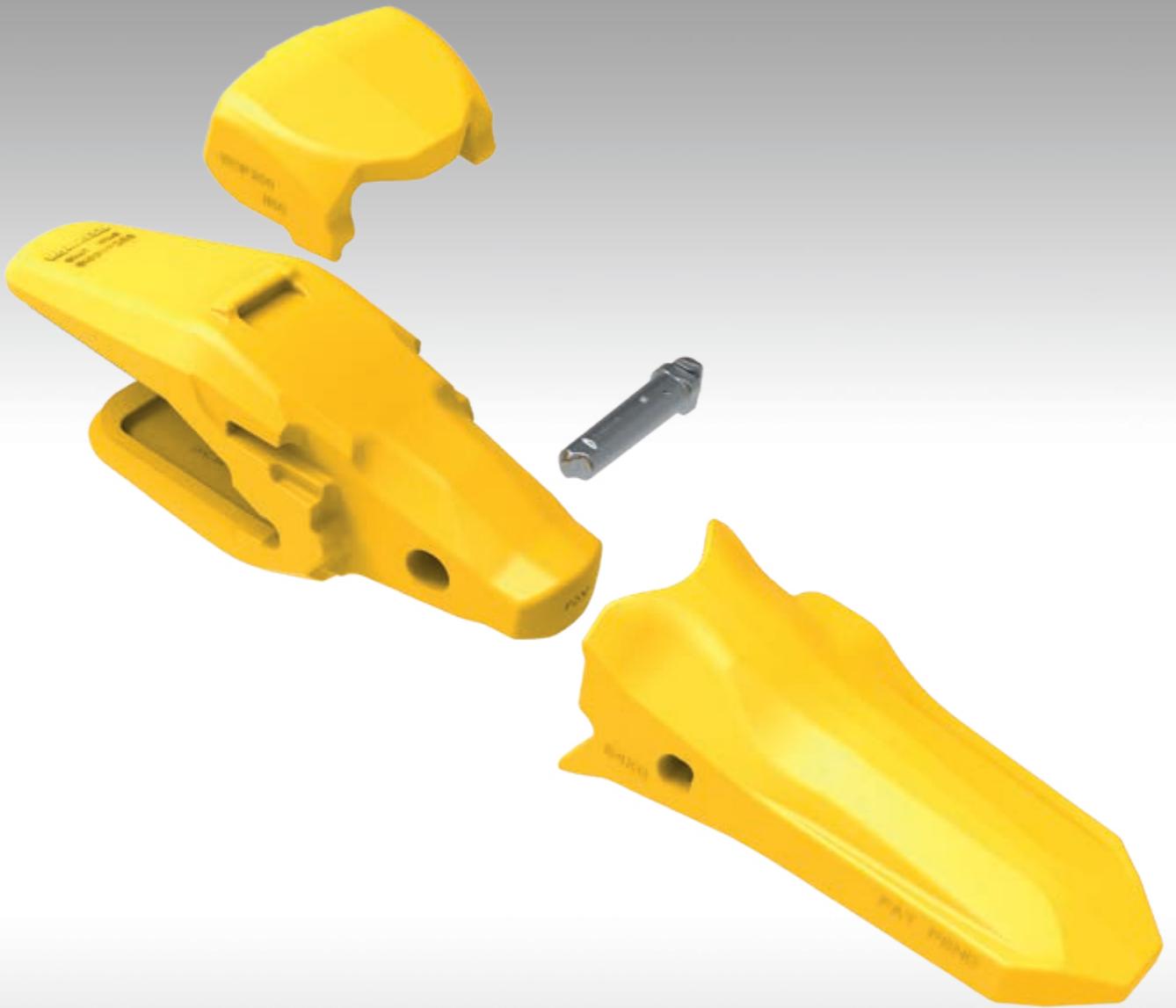


Kprime tooth system



Ground Engaging Tools (G.E.T.)

For mini excavators and excavators
from 1 tonne up to 410 tonnes

For wheel loaders
from 1 tonne up to 275 tonnes

Impressive benefits

KPRIME



Applications

- Utility
- Construction
- Quarry
- Mining

Machine type

- Mini-excavators
- Excavators
- Wheel loaders

Tooth systems are often viewed as interchangeable from one manufacturer to another. This is not the case with Kprime made by Komatsu! We have built a truly unique product that is stronger and longer lasting with additional safety-enhancing features. We did this by listening to our customers and spending years figuring out the correct solutions to their issues. With Kprime we have created a new standard for what GET should do for your business.

Safety enhancements

- Intuitive locking system
- Pry slots on tooth and wear cap for easier removal of worn parts
- Low torque pin for easy tooth changes
- Weights marked on all parts

Reliability

- 10% stronger design*
- Improved pin design* prevents unlocking after extended use
- Optimised design* reduces wear on adapters
- Improved stability* through tighter fit design of tooth to adapter

Productivity

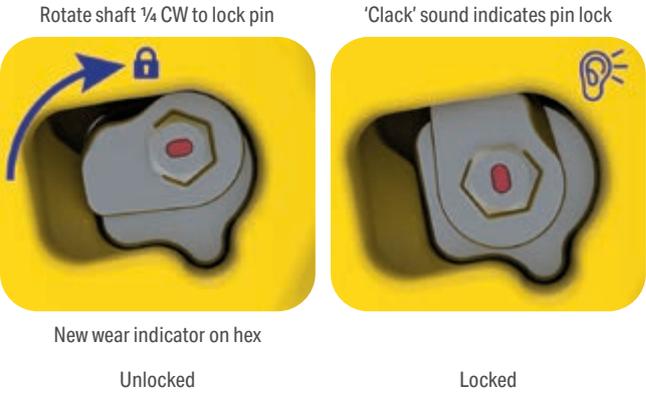
- 10%-15% increased usable wear material*
- Improved penetration by up to 15%*
- Wear indicators on wear cap and fastener
- Reversible tooth for extended life
- Wear material added* to adapters legs for longer wear life
- Designed to stay sharp throughout tooth life



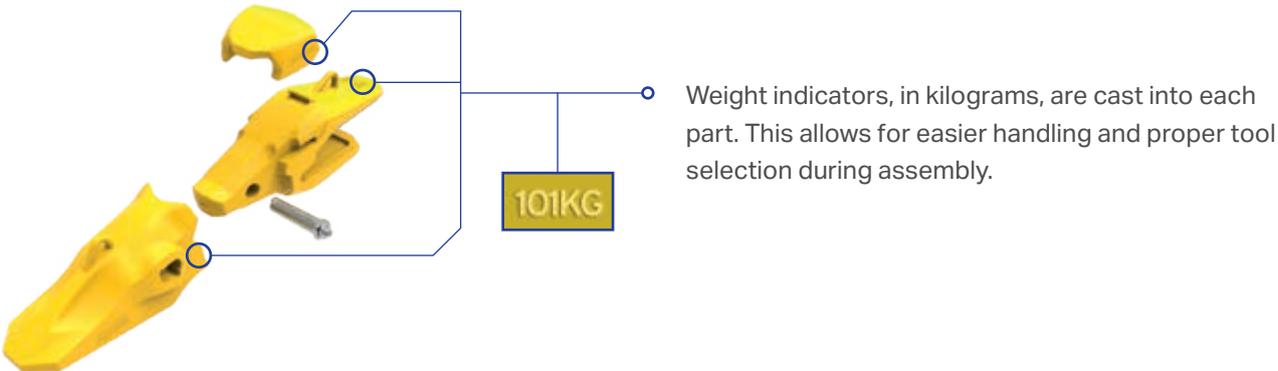
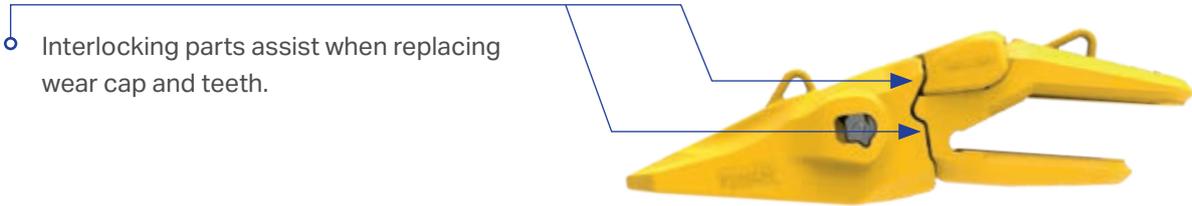
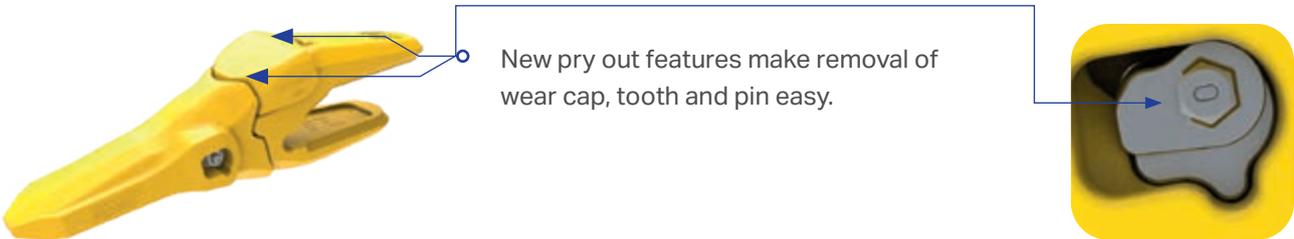
* vs Komatsu Kmax system.
Performance will vary by application and environment. Operating conditions, installation process and maintenance are outside the control of Komatsu.

Enhanced locking system

- Push out ramp on tooth to help dislodge the fastener when unlocking
- Audible “Clack” sound indicating when locked
- Pin designed for multiple tooth changes
- Wear indicator on the pin’s hex head
- Metric socket for locking and unlocking
- Simple ¼ rotation to lock / unlock



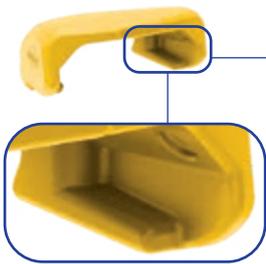
Tooth size	Socket needed
004-005	8 mm
010-015	10 mm
020-030	12 mm
040-050	14 mm
070-085	16 mm
120-400	19 mm



Reliability

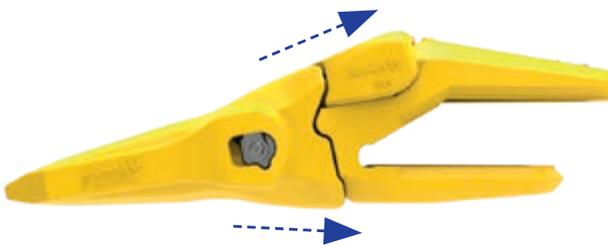
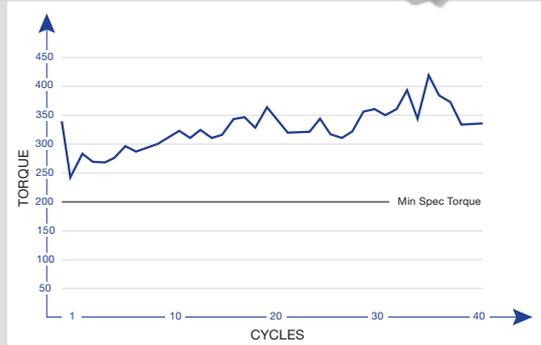


10% increased strength and less stress tooth design over Kmax tooth system.

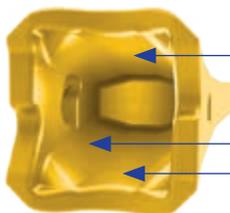


Redesigned wear cap has interior stabilizing leg up to 50% stronger than Kmax tooth system.

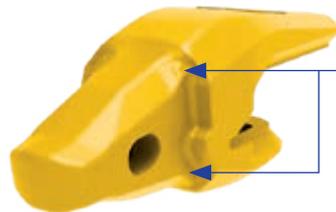
New locking system has no torque loss after multiple uses, ensuring pin remains locked.



New tooth and wear cap redesigned to deflect material flow away from the adapter improving the assemblage's overall wear life.



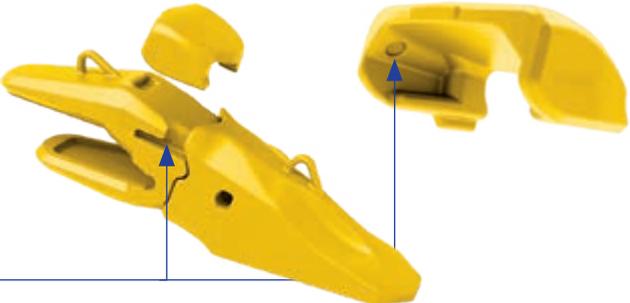
Multi and elevated fit surfaces provide better tooth fit.



Twist control reduces load on fastener.

Productivity

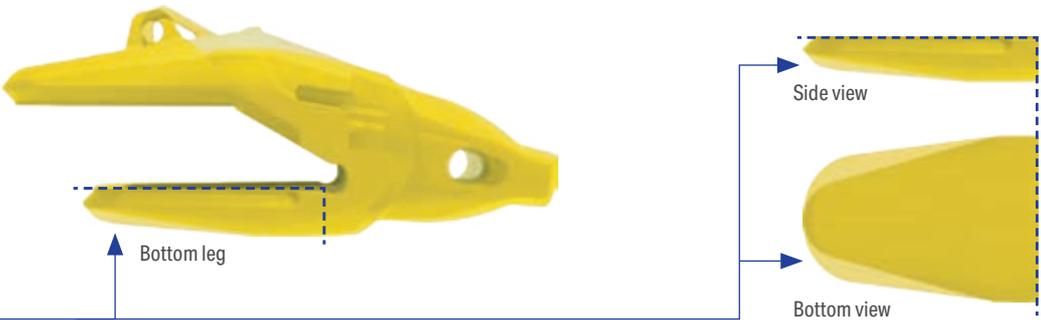
Wear indicators let you know when to replace parts to maximise efficiency and reduce costs.



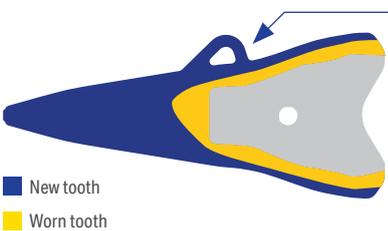
Wear material increased 10 - 15% in high wear areas*.



Optimised usable wear material in high wear areas.



Symmetrical nose allows for tooth rotation to extend wear life.



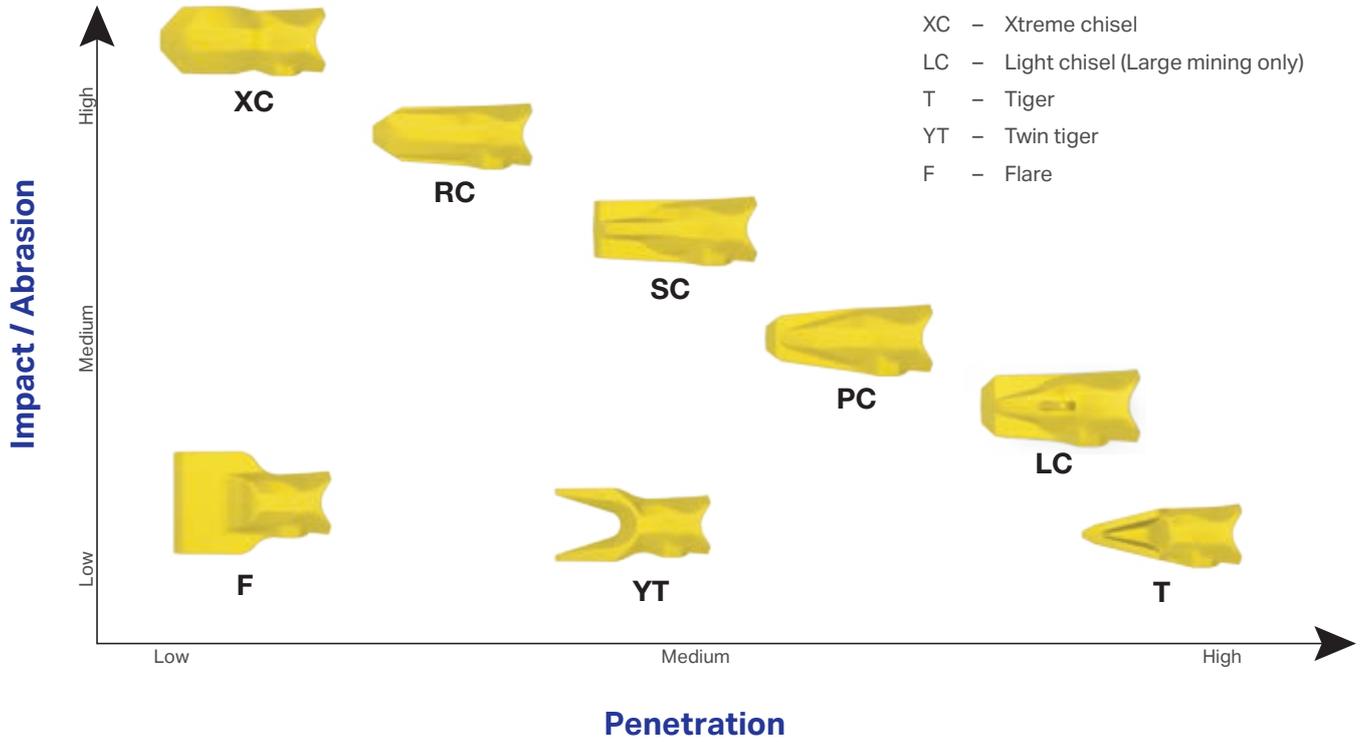
Designed to stay sharp throughout tooth life.

* vs Komatsu Kmax system.

Tooth styles

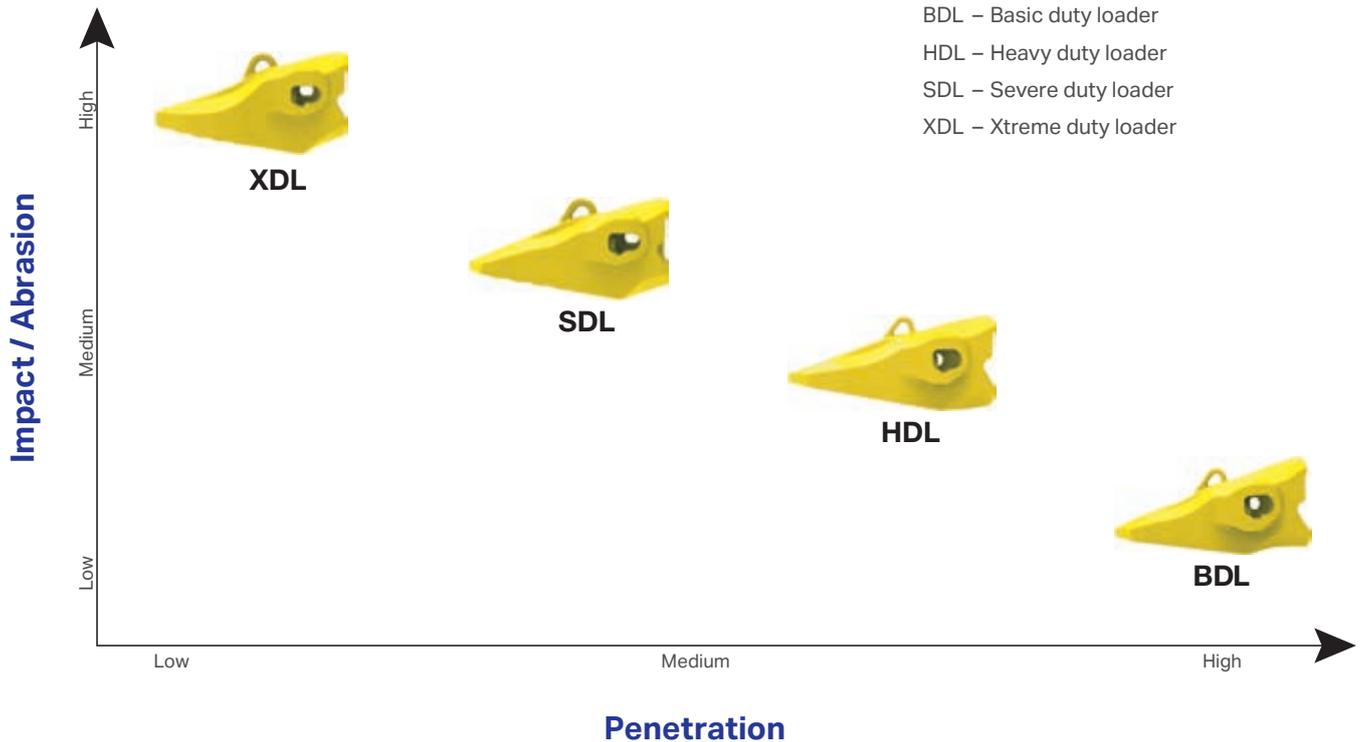
Excavators

- PC – Point chisel
- SC – Standard chisel
- RC – Rock chisel
- XC – Xtreme chisel
- LC – Light chisel (Large mining only)
- T – Tiger
- YT – Twin tiger
- F – Flare



Wheel loaders

- BDL – Basic duty loader
- HDL – Heavy duty loader
- SDL – Severe duty loader
- XDL – Xtreme duty loader



Tooth type by size

			Size															
			P004	P005	P010	P015	P020	P025	P030	P040	P050	P070	P085	P120	P200	P300	P400	
Excavator		T Tiger				•	•	•	•	•	•	•	•	•	•	•	•	
		YT Twin tiger	•	•	•	•	•	•	•	•	•	•	•	•				
		PC Point chisel				•	•	•	•	•	•	•		•	•	•	•	
		LC Light chisel													•	•	•	
		SC Standard chisel	•	•	•	•	•	•	•	•	•	•	•	•				
		RC Rock chisel				•	•	•	•	•	•	•	•	•	•	•	•	•
		XC Xtreme chisel								•	•	•	•				•	
		F Flare				•	•	•	•	•	•	•						
Wheel loader		BDL Basic duty loader				•	•	•	•				•		•			
		HDL Heavy duty loader			•	•	•	•	•	•	•	•	•	•	•			
		SDL Severe duty loader				•	•	•	•	•	•	•	•	•	•			
		XDL Xtreme duty loader								•	•	•	•	•	•			

Adapter type

Matching table

		Size	Excavator (ton)	Wheel Loader (ton)
Excavator	 1 ½ half leg (Construction)	P004	from 0 to 4 ton	from 0 to 5 ton
	 1 ¾ half leg (Mining)	P005	from 4 ton to 6 ton	from 5 ton to 6 ton
	 Flush mount	P010	from 6 ton to 10 ton	from 6 ton to 10 ton
	 Straddle leg	P015	from 10 ton to 15 ton	from 10 ton to 15 ton
	 Cast corner	P020	from 15 ton to 20 ton	from 15 ton to 25 ton
	 Weld-on nose	P025	from 20 ton to 30 ton	from 25 ton to 30 ton
Wheel loader	 Notch	P030	from 30 ton to 40 ton	from 30 ton to 35 ton
	 1 ½ half leg (Construction)	P040	from 40 ton to 45 ton	from 35 ton to 50 ton
	 1 ¾ half leg (Mining)	P050	from 45 ton to 55 ton	from 50 ton to 60 ton
	 Flush mount	P070	from 55 ton to 70 ton	from 60 ton to 85 ton
	 Straddle leg	P085	from 70 ton to 90 ton	from 85 ton to 115 ton
	 Weld-on nose	P120	from 90 ton to 140 ton	from 115 ton to 185 ton
	 Notch	P200	from 140 ton to 200 ton	from 185 ton to 275 ton
		P300	from 200 ton to 300 ton	–
		P400	from 300 ton to 410 ton	–

The above table is for reference only and based on standard applications.

- The recommended Kprime size might vary depending on the application.

- Please contact your local Komatsu representative for a detailed matching table for your machine and main application.

Your Komatsu partner:

KOMATSU

[komatsu.eu](https://www.komatsu.eu)

