ENSTRUC

WEAR SOLUTIONS

pewag

STRONG IS NOT ENOUGH

www.pewag.com

Tire protection chains

Protection and traction

English

Traction

Safety with pewag traction chains

pewag chains ensure that mining operations keep on rolling! A great diversity of machines can be chained such as loaders, dozers, graders, dump and service trucks. For seasonal use on ice and snow as well as for continuous use on slippery and muddy ground.

Characteristics

- Ice and snow
- Slippery or muddy surfaces
- Steep inclines
- Spinning wheels
- Safety requirements for operator and machine
- Seasonal or continuous use throughout the year

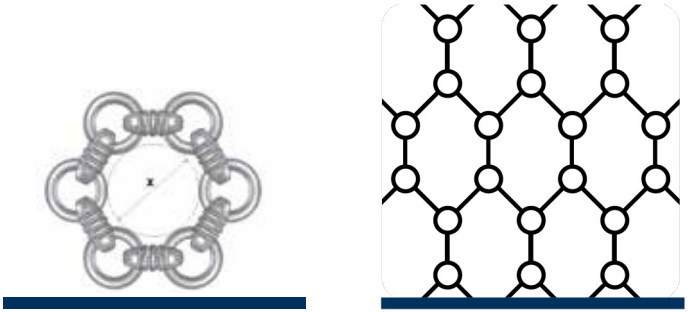
Traction

Mesh design

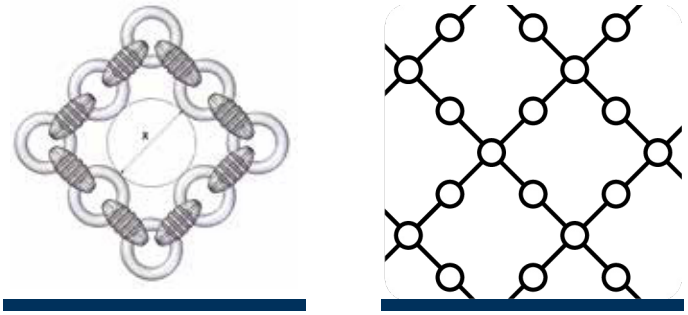
hexa
The hexagonal mesh design ensures excellent grip and sufficient tire protection. Suitable for all vehicles where traction is needed before protection.

quad cross
Special 8-link net construction.
Traction chains for tough applications.

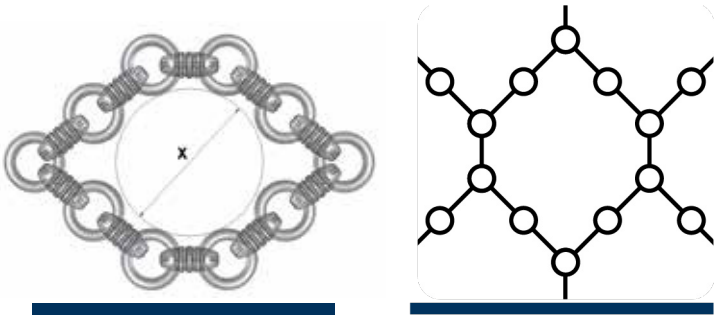
compact cross
Special 10-link net construction provides excellent grip, stable running and the necessary self cleaning. Suitable for all vehicles that require extra traction to fulfil their operational duties.



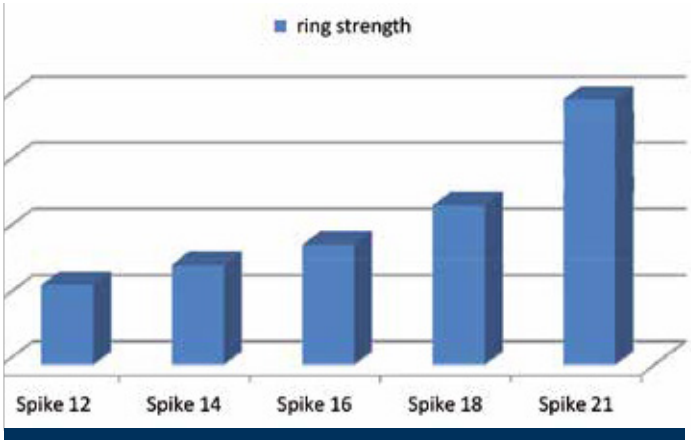
hexa



quad cross



compact cross



Recommended link

pewag tyro

Mohs hardness (1-5)
Innovative link design with excellent wear volume. By offering best protection and sufficient traction it is suitable for S-L sized earth moving equipment working in soft to medium hard rock applications.

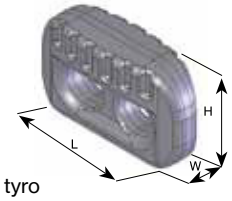
Available sizes: 14 I 16 I 18 Suitable mesh design: square, hexa

pewag spike 21

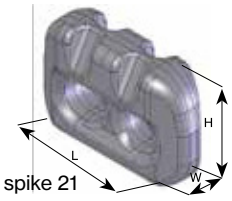
Mohs hardness (1-5)
Narrow link design with prominent grip teeth provides excellent traction and self cleaning. For all applications where traction is needed.

Available sizes: 21
Suitable mesh design: square, hexa

Measurements



tyro



spike 21

	Link measurements			Ring measurements		Mesh opening (x)	
	L	W	H	d	D	square	hexa
14							
tyro	76	26	46	14	50	63	122
16							
tyro	88	30	54	16	54	67	130
18							
tyro	97	34	62	18	64	81	156
21							
spike	108	30	72	21	70	83	163

Application abrasiveness

For mohs hardness (1-5)

The Mohs scale of mineral hardness is a qualitative ordinal scale which characterizes the scratch resistance of various minerals through the ability of a harder material to scratch a softer material.

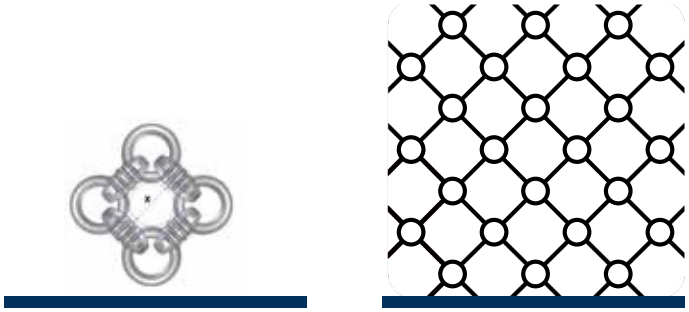
The hardness of a material is measured against the scale by finding the hardest material that the given material can scratch, and/or the softest material that can scratch the given material. For example, if some material is scratched by apatite but not by fluorite, its hardness on the Mohs scale would fall between 4 and 5.

For example
1-5: Talc, Gypsum, Calcite
5-7: Apatite, Quartz, Mangan
7-10: Topaz, Corundum, Diamond

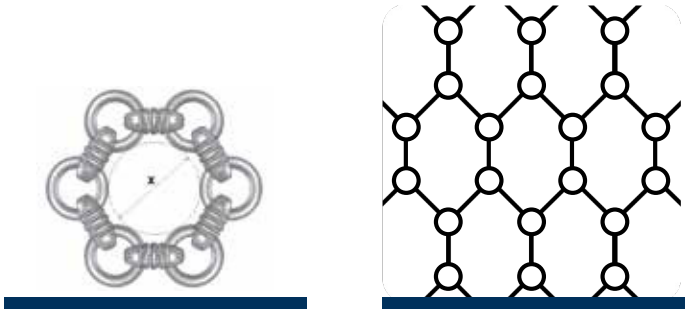
Mesh design

square
The fine mesh of square design provides optimum tire protection even on the sharpest rock.

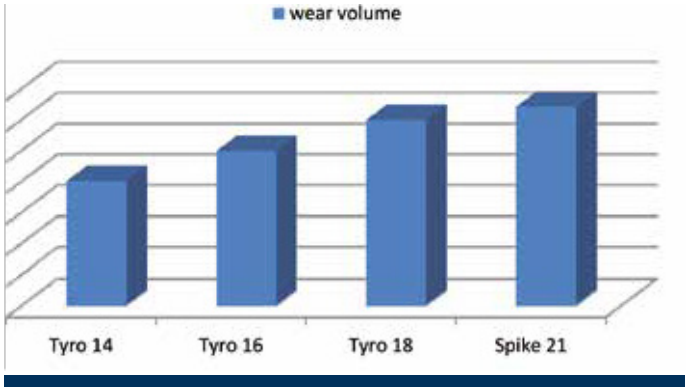
hexa
The hexagonal mesh design ensures excellent grip and sufficient tire protection. Suitable for all vehicles where traction is needed before protection.



square



hexa



Mohs 1-5

Mesh design

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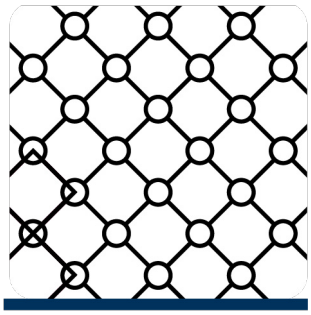

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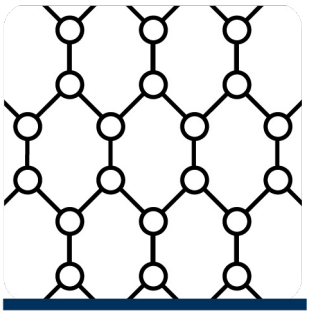

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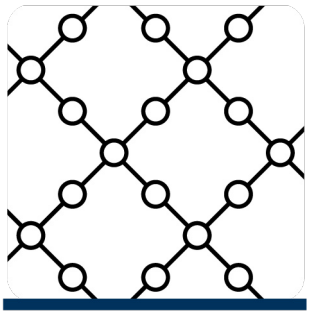

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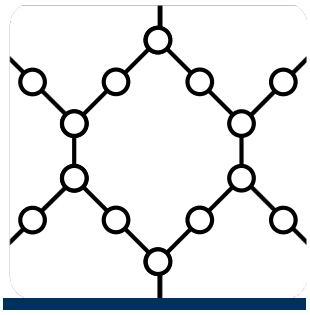
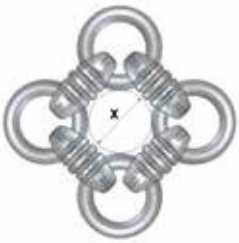
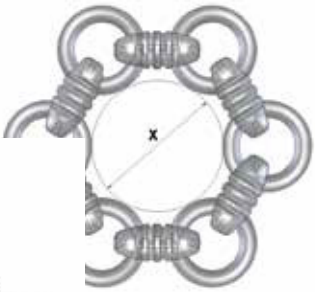


Ring measurements and mesh opening (x)

ring



square



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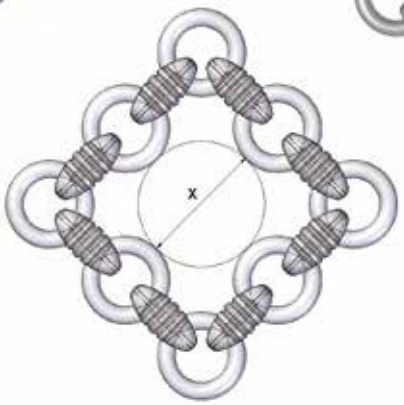

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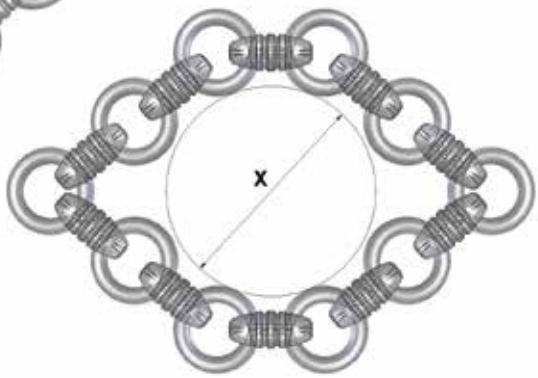
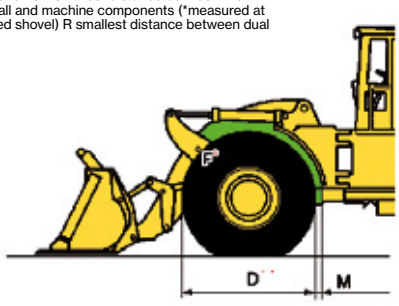
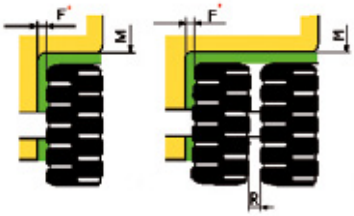


compact cross

Clearance required for TPC

Attention: „F" & „M" measured at fully oscillated axle M smallest distance between tire surface and machine components F smallest distance between tire sidewall and machine components (*measured at lowered shovel) R smallest distance between dual tires





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