

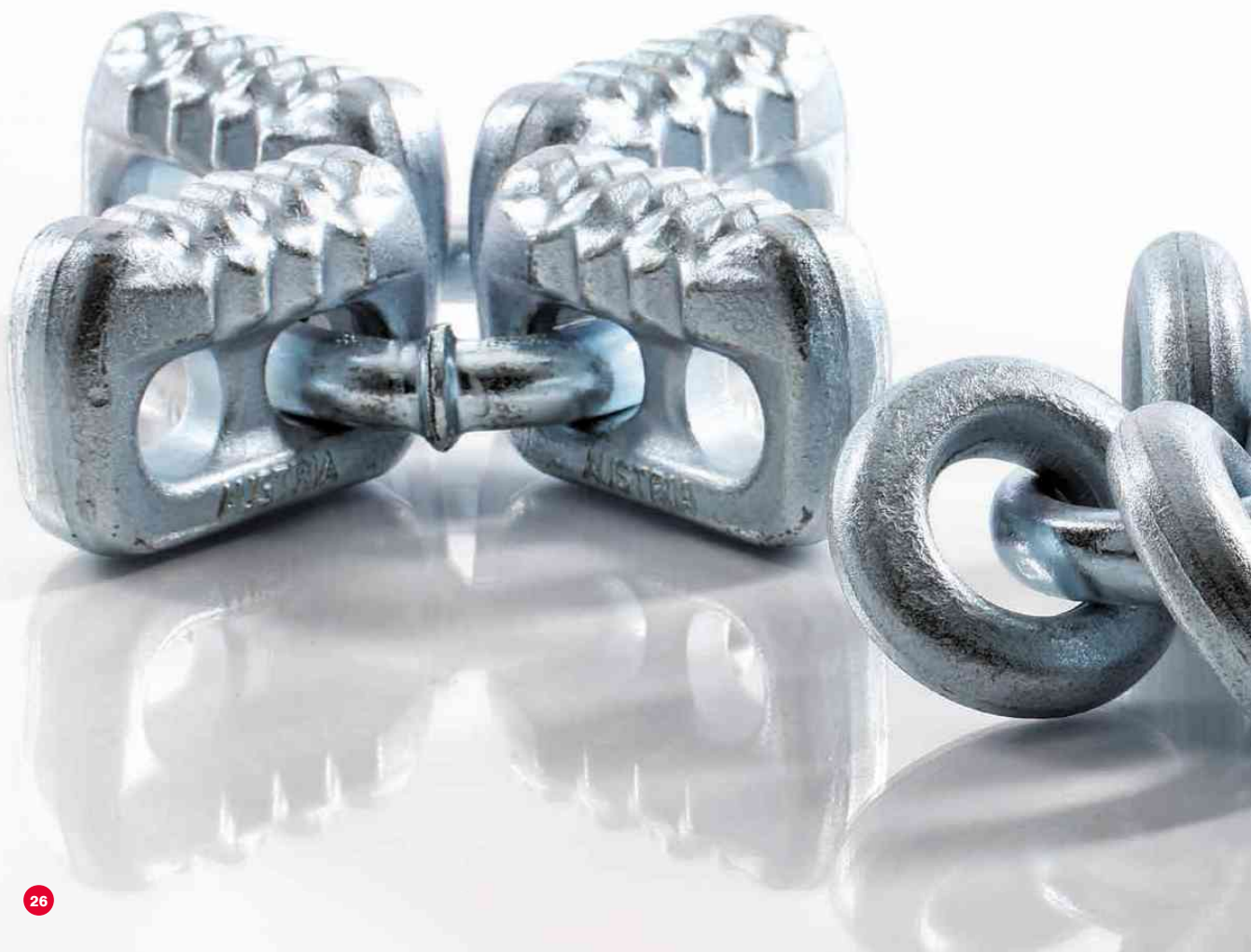


Products

Product overview

Products

| | |
|--------------------------|-------|
| Traction | 28-29 |
| Application abrasiveness | 30-35 |
| Mohs hardness 1-5 | 30-31 |
| Mohs hardness 5-7 | 32-33 |
| Mohs hardness 7-10 | 34-35 |
| Mesh design | 36 |
| Measurements | 37 |





RODAVIGO, S.A.
RODAMIENTOS VIGO, S.A.

www.rodavigo.net

+34 986 288118
Servicio de Att. al Cliente

pewag





Products

Traction

Mesh design

hexa

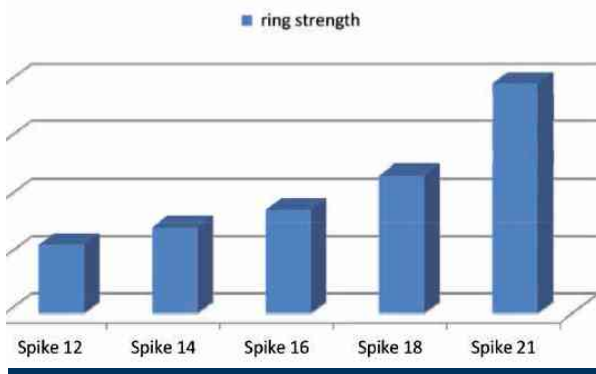
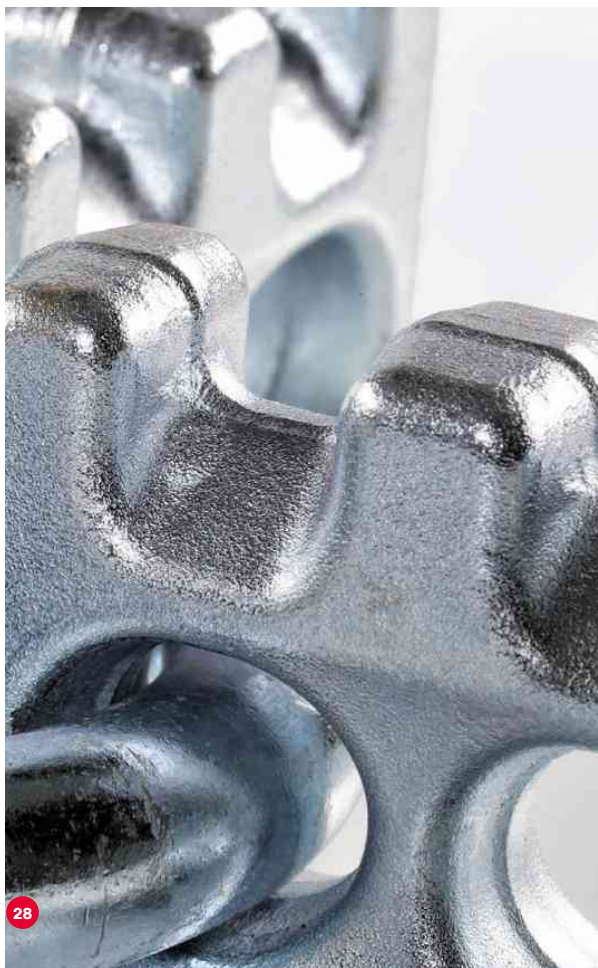
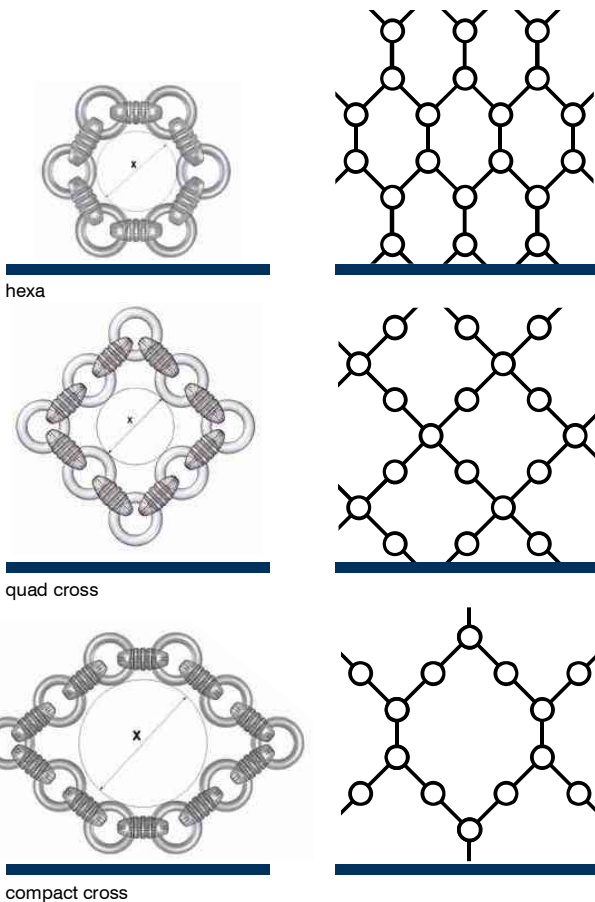
The hexagonal mesh design ensures excellent grip and sufficient tire protection. Suitable for all vehicles where traction is needed before protection.

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.





Recommended link

pewag spike

Narrow link design with prominent grip teeth provides excellent traction and self cleaning. For all applications where traction is needed.

Available sizes: 12 | 14 | 16 | 18
Suitable mesh design: hexa, quad cross, compact cross



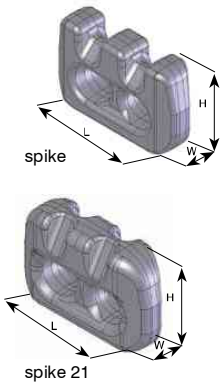
pewag spike 21

Available sizes: 21
Suitable mesh design: hexa, quad cross, compact cross



Measurements

| | Link measurements | | | Ring measurements | | Mesh opening (x) | | |
|-----------|-------------------|----|----|-------------------|----|------------------|------------|---------------|
| | L | W | H | d | D | hexa | quad cross | compact cross |
| 12 | | | | | | | | |
| spike | 60 | 16 | 40 | 12 | 45 | 96 | 99 | 169 |
| 14 | | | | | | | | |
| spike | 71 | 19 | 47 | 14 | 50 | 112 | 112 | 194 |
| 16 | | | | | | | | |
| spike | 86 | 22 | 54 | 16 | 54 | 130 | 130 | 222 |
| 18 | | | | | | | | |
| spike | 88 | 24 | 60 | 18 | 64 | 138 | 140 | 241 |
| 21 | | | | | | | | |
| spike | 108 | 30 | 72 | 21 | 70 | 163 | 164 | 275 |





Products

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

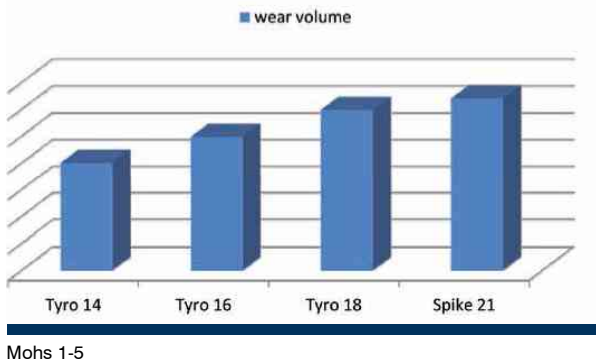
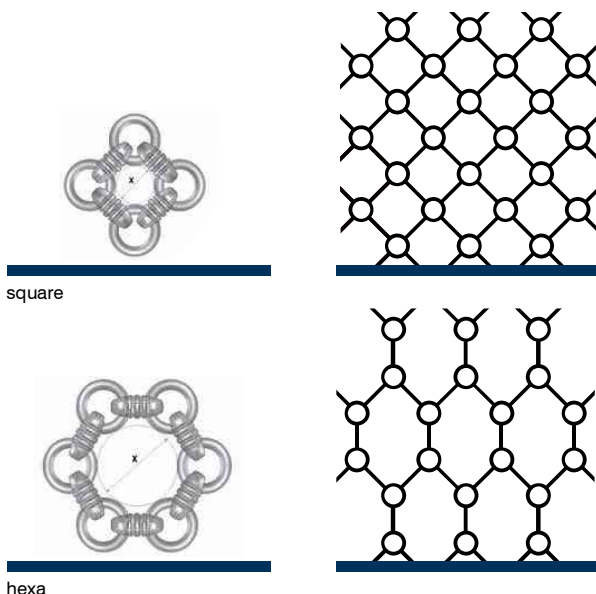
Mesh design

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.





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 | 16 | 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

| | 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 |



Products

Application abrasiveness

For mohs hardness (5-7)

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

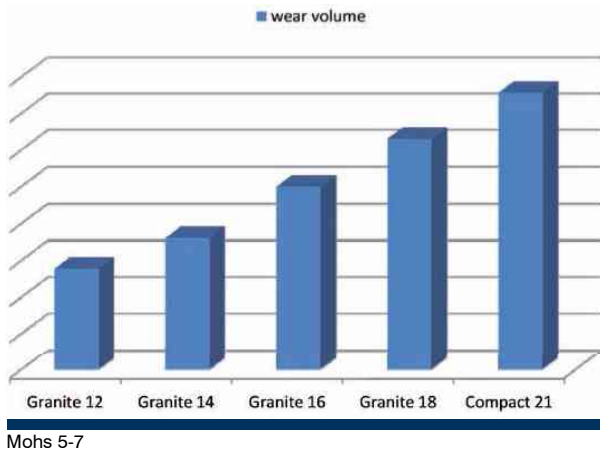
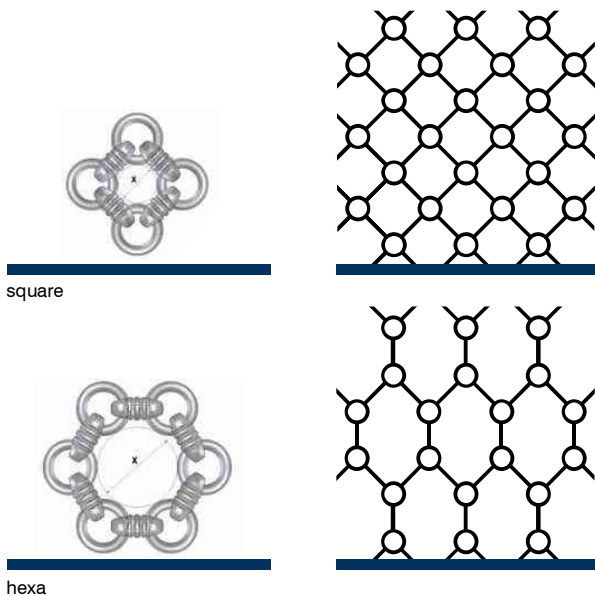
Mesh design

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.



Mohs 5-7



Recommended link

pewag granite

Mohs hardness (5-7)
The multipurpose chain link suitable for slag and scrap handling as well as for all rock applications. This link design offers excellent tire protection and traction.

Available sizes: 12 | 14 | 16 | 18 | 18/20S
Suitable mesh design: square, hexa



pewag compact

Mohs hardness (5-7)
Heavy duty link for giant loaders with large wear volume for maximum service life. Suitable for all rock applications and in large scale mining operations.

Available sizes: 21
Suitable mesh design: square, hexa



Measurements

| | Link measurements | | | Ring measurements | | Mesh opening (x) | |
|---------------|-------------------|----|----|-------------------|----|------------------|------|
| | L | W | H | d | D | square | hexa |
| 12 | | | | | | | |
| granite | 63 | 22 | 38 | 12 | 45 | 53 | 103 |
| 14 | | | | | | | |
| granite | 79 | 27 | 46 | 14 | 50 | 63 | 122 |
| 16 | | | | | | | |
| granite | 90 | 34 | 53 | 16 | 54 | 67 | 130 |
| 18 | | | | | | | |
| granite | 100 | 38 | 65 | 18 | 64 | 81 | 156 |
| 18/20S | | | | | | | |
| granite | 100 | 38 | 65 | 19.5 | 64 | 78 | 153 |
| 21 | | | | | | | |
| compact | 108 | 46 | 72 | 21 | 70 | 83 | 163 |



Products

Application abrasiveness

For mohs hardness (7-10)

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, Fluorite
- 5-7: Apatite, Quartz, Mangan
- 7-10: Topaz, Corundum, Diamond

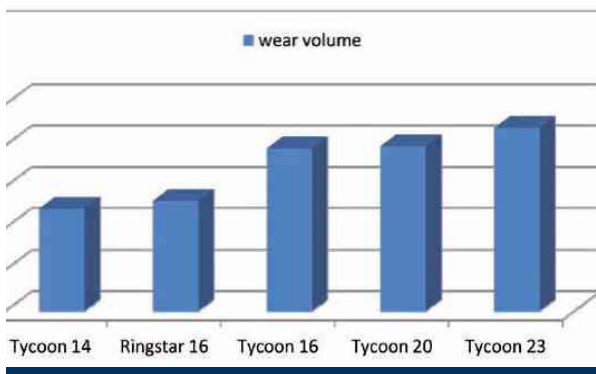
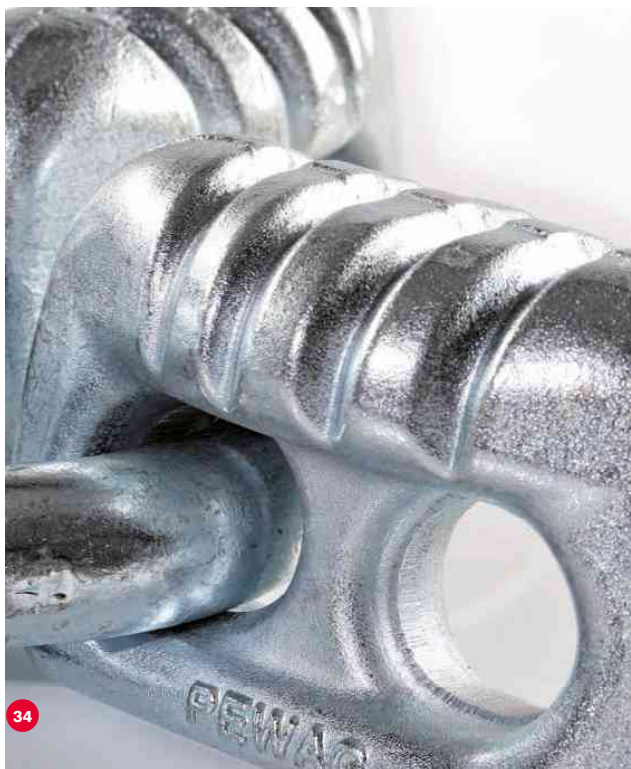
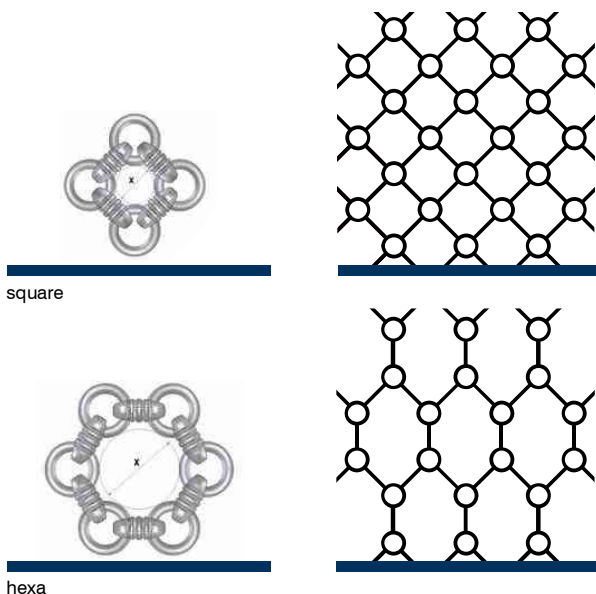
Mesh design

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.



Mohs 7-10



Recommended link

pewag tycoon

Mohs hardness (7-10)
Ultra-resistant heavy duty wear link especially developed for the world's largest wheel loaders as well as for operations in most abrasive hard rock conditions.

Available sizes: 14 | 16 | 20 | 23
Underground: 14/16 | 16/18S | 20
Suitable mesh design: square, hexa



pewag ringstar

Mohs hardness (7-10)
Extremely tight (square) mesh design for optimum tire protection and long service life in wet and abrasive conditions. Excellent traction on ice and snow in hexagonal mesh design.

Available sizes: 16
Suitable mesh design: square, hexa



Measurements

| | Link measurements | | | Ring measurements | | Mesh opening (x) | |
|-----------|-------------------|----|------|-------------------|---------|------------------|------|
| | L | W | H | d | D | square | hexa |
| 14 | | | | | | | |
| tycoon | 79 | 39 | 47 | 14 | 50 | 61 | 122 |
| 16 | | | | | | | |
| tycoon | 88 | 48 | 59 | 16 | 54 | 60 | 130 |
| ringstar | - | 21 | 69 | 14x17 | 54(*45) | 44 | 96 |
| 20 | | | | | | | |
| tycoon | 97 | 54 | 67.5 | 19.5 | 64 | 74 | 153 |
| 23 | | | | | | | |
| tycoon | 112 | 60 | 76 | 23 | 72 | 84 | 170 |

Underground

| | Link measurements | | | Ring measurements | | Mesh opening (x) | |
|---------------|-------------------|----|------|-------------------|----|------------------|------|
| | L | W | H | d | D | square | hexa |
| 14/16 | | | | | | | |
| tycoon | 79 | 39 | 47 | 16 | 54 | 64 | 122 |
| 16/18S | | | | | | | |
| tycoon | 88 | 48 | 59 | 18 | 54 | 60 | 126 |
| 20 | | | | | | | |
| tycoon | 97 | 54 | 67.5 | 19.5 | 64 | 74 | 153 |

With reinforced rings for long driving distance in wet underground applications.

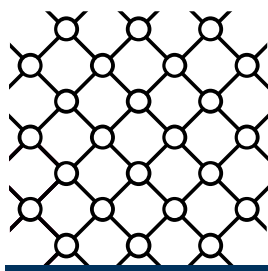


Products

Mesh design

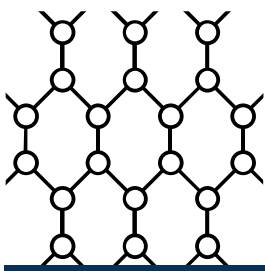
square

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



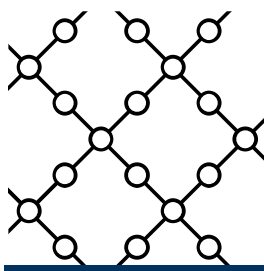
hexa

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



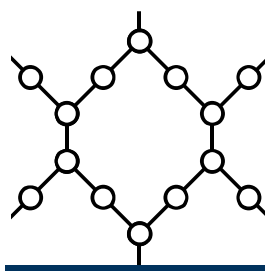
quad cross

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



compact cross

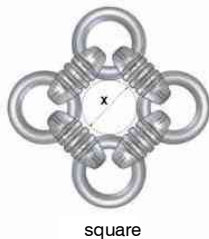
Special 10-link net construction provides excellent grip, stable running and the necessary self cleaning. Suitable for all vehicles that require extra traction to fulfil their operational duties.



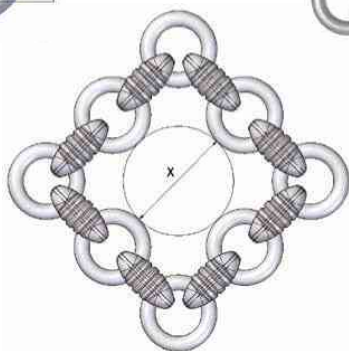
Ring measurements and mesh opening (x)



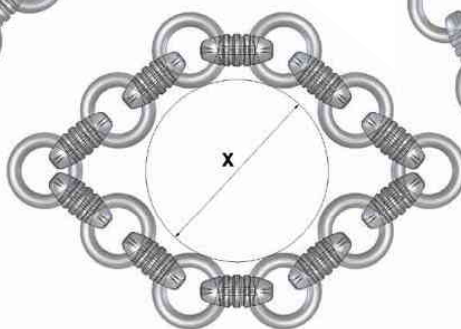
ring



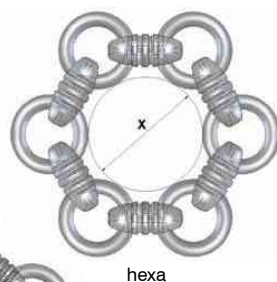
square



quad cross



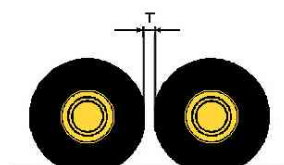
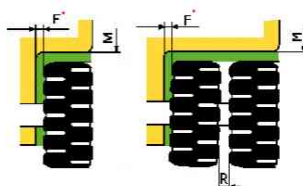
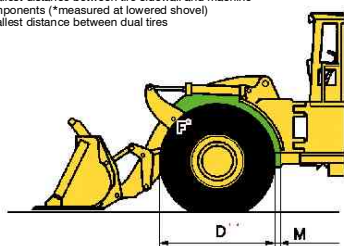
compact cross



hexa

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





Measurements

| | Link measurements | | | Ring measurements | | Mesh opening (x) | | | | Clearance required for TPC | | |
|----------------|-------------------|----|------|-------------------|---------|------------------|------|------------|---------------|----------------------------|----|-----|
| | L | W | H | d | D | square | hexa | quad cross | compact cross | M | F | R |
| 12 | | | | | | | | | | | | |
| tycoon | 63 | 22 | 38 | 12 | 45 | 53 | 103 | 103 | 174 | 70 | 50 | 70 |
| spike | 60 | 16 | 40 | 12 | 45 | 50 | 96 | 99 | 169 | 70 | 50 | 70 |
| 14 | | | | | | | | | | | | |
| tycoon | 79 | 39 | 47 | 14 | 50 | 61 | 122 | - | - | 80 | 60 | 80 |
| granite | 79 | 27 | 46 | 14 | 50 | 63 | 122 | 122 | 204 | 80 | 60 | 80 |
| tyro | 76 | 26 | 46 | 14 | 50 | 63 | 122 | 122 | 204 | 80 | 60 | 80 |
| spike | 71 | 19 | 47 | 14 | 50 | 57 | 112 | 112 | 194 | 80 | 60 | 80 |
| 14/16 | | | | | | | | | | | | |
| tycoon | 79 | 39 | 47 | 16 | 54 | 64 | 122 | - | - | 80 | 60 | 80 |
| 16 | | | | | | | | | | | | |
| tycoon | 88 | 48 | 59 | 16 | 54 | 60 | 130 | - | - | 90 | 70 | 90 |
| granite | 90 | 34 | 53 | 16 | 54 | 67 | 130 | 130 | 222 | 90 | 70 | 90 |
| spike | 86 | 22 | 54 | 16 | 54 | 67 | 130 | 130 | 222 | 90 | 70 | 90 |
| tyro | 88 | 30 | 54 | 16 | 54 | 67 | 130 | 130 | 222 | 90 | 70 | 90 |
| ringstar | - | 21 | 69 | 14x17 | 54(*45) | 44 | 96 | - | - | 115 | 70 | 90 |
| 16/18 S | | | | | | | | | | | | |
| tycoon | 88 | 48 | 59 | 18 | 54 | 90 | 126 | - | - | 90 | 70 | 90 |
| 18 | | | | | | | | | | | | |
| granite | 100 | 38 | 65 | 18 | 64 | 81 | 156 | 156 | 258 | 100 | 70 | 100 |
| spike | 88 | 24 | 60 | 18 | 64 | 70 | 138 | 140 | 241 | 100 | 70 | 100 |
| tyro | 97 | 34 | 62 | 18 | 64 | 81 | 156 | 156 | 258 | 100 | 70 | 100 |
| 18/20 S | | | | | | | | | | | | |
| granite | 100 | 38 | 65 | 19.5 | 64 | 78 | 153 | - | - | 100 | 70 | 100 |
| 20 | | | | | | | | | | | | |
| tycoon | 97 | 54 | 67.5 | 19.5 | 64 | 74 | 153 | - | - | 100 | 70 | 100 |
| 21 | | | | | | | | | | | | |
| compact | 108 | 46 | 72 | 21 | 70 | 83 | 163 | - | - | 120 | 80 | 110 |
| spike | 108 | 30 | 72 | 21 | 70 | 83 | 163 | 164 | 275 | 120 | 80 | 110 |
| 23 | | | | | | | | | | | | |
| tycoon | 112 | 60 | 76 | 23 | 72 | 84 | 170 | - | - | 120 | 80 | 110 |

