

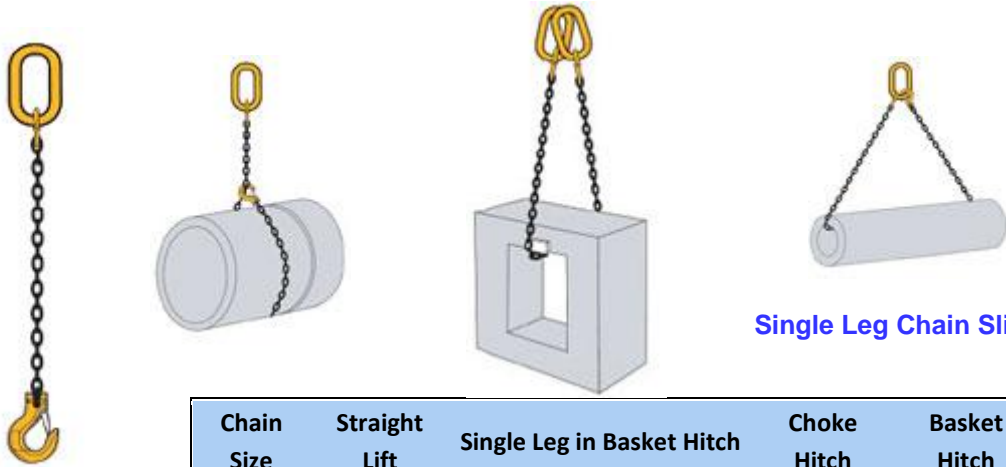
Grade 8 Chain Slings

Lifting Equipment Ltd



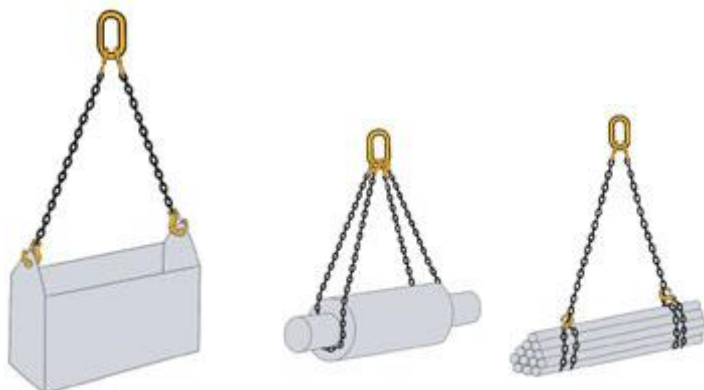
Grade 8 Chain Slings

We sell all the major brands and also offer grade 100



Single Leg Chain Slings

| Chain Size mm | Straight Lift | Single Leg in Basket Hitch (back hooked into top link) | Choke Hitch | Basket Hitch |
|------------------|---------------|---|-------------|--------------|
| 7 | 1.5 | 1.5 | 1.2 | 2.1 |
| 8 | 2.0 | 2.0 | 1.6 | 2.8 |
| 10 | 3.15 | 3.15 | 2.5 | 4.25 |
| 13 | 5.3 | 5.3 | 4.2 | 7.5 |
| 16 | 8.0 | 8.0 | 6.4 | 11.2 |
| 20 | 12.5 | 12.5 | 10.0 | 17.0 |
| 22 | 15.0 | 15.0 | 12.0 | 21.2 |
| 26 | 21.2 | 21.2 | 17.0 | 30.0 |
| 32 | 31.5 | 31.5 | 25.2 | 45.0 |

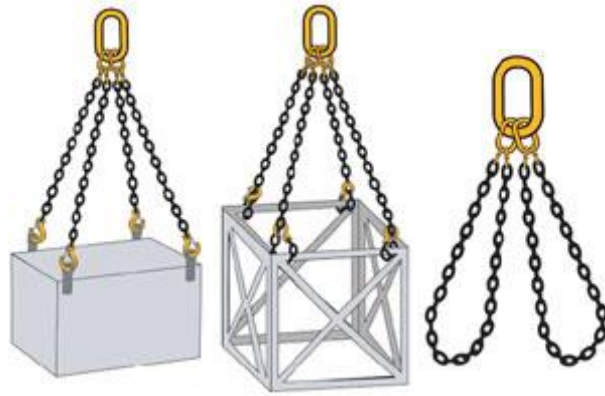


Two Leg Chain Slings / Dual Leg Chain Slings

| Chain Size mm | Straight Lift | | Choke Hitch | | Double Basket | |
|------------------|---------------|-----------|-------------|-----------|---------------|-----------|
| | 0° - 45° | 45° - 60° | 0° - 45° | 45° - 60° | 0° - 45° | 45° - 60° |
| 7 | 2.1 | 1.5 | 2.1 | 1.5 | 1.6 | 1.2 |
| 5 | 2.8 | 2.0 | 2.8 | 2.0 | 2.2 | 1.6 |
| 10 | 4.25 | 3.15 | 4.25 | 3.15 | 3.4 | 2.5 |
| 13 | 7.5 | 5.3 | 7.5 | 5.3 | 6.0 | 4.2 |
| 16 | 11.2 | 8.0 | 11.2 | 8.0 | 9.0 | 6.4 |
| 20 | 17.0 | 12.5 | 17.0 | 12.5 | 13.6 | 10.0 |
| 22 | 21.2 | 15 | 21.2 | 15 | 17 | 12 |
| 26 | 30.0 | 21.2 | 30.0 | 21.2 | 24.0 | 17.0 |
| 32 | 45.0 | 31.5 | 45.0 | 31.5 | 36.0 | 25.2 |

Three and Four Leg Chain Slings

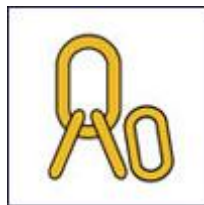
| Chain Size mm | Straight Lift | | Choke Hitch | | Double Basket | |
|------------------|---------------|----------|-------------|----------|---------------|----------|
| | 0 - 45° | 45 - 60° | 0 - 45° | 45 - 60° | 0 - 45° | 45 - 60° |
| 7 | 3.1 | 2.2 | 2.5 | 1.7 | 3.1 | 2.2 |
| 8 | 4.2 | 3.0 | 3.3 | 2.4 | 4.2 | 3.0 |
| 10 | 6.7 | 4.75 | 5.3 | 3.8 | 6.7 | 4.75 |
| 13 | 11.2 | 8.0 | 8.9 | 6.4 | 11.2 | 8.0 |
| 16 | 17.0 | 11.8 | 13.6 | 9.4 | 17.0 | 11.8 |
| 20 | 26.5 | 19.0 | 21.2 | 15.2 | 26.5 | 19.0 |
| 22 | 31.5 | 22.4 | 25.2 | 17.9 | 31.5 | 22.4 |
| 26 | 45.0 | 31.5 | 36.0 | 25.2 | 45.0 | 31.5 |
| 32 | 67.0 | 47.5 | 53.6 | 38.0 | 67.0 | 47.5 |



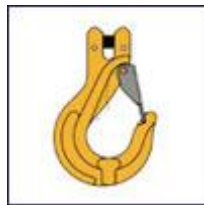
Grade 80 Components



Master Links



Sub Assemblies



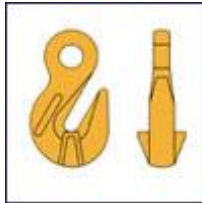
Sling Hooks



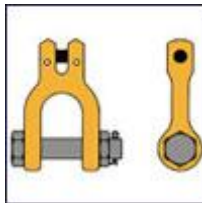
Component
Connector



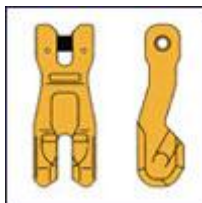
Reevable
Egg Link



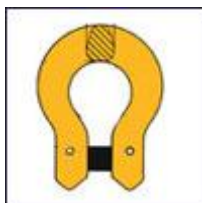
Grab Hooks



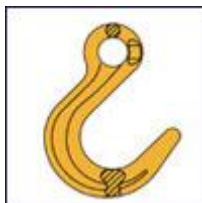
Clevis Shackle



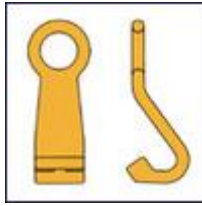
Shortening
Clutches



Omega Link



Foundry Hook



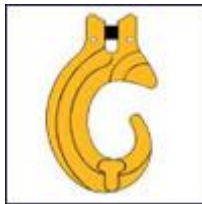
Barrel Hook



Container Hooks



Eye Self
Locking Hook



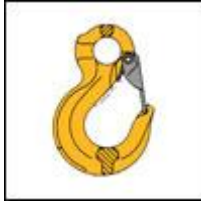
Clevis C Hook



Swivel Self
Locking Hook



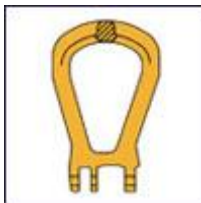
Swivel Sling Hook



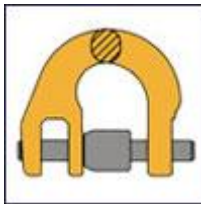
Eye Sling Hook



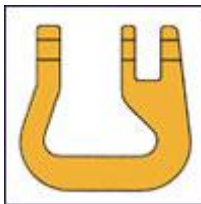
Swivel Sling Hook



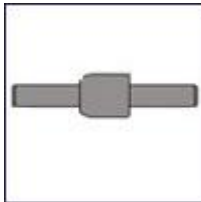
Closed Coupling
Master Link



Half Coupling
Link



Round Sling
Coupling



Coupling Pin &
Sleeve Set



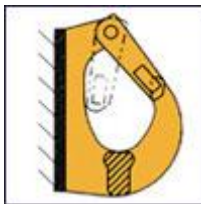
Clevis Skip Hook
With Spring Gate



Swivel Self
Locking Hook



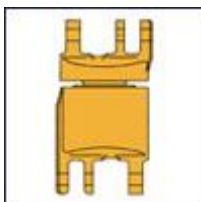
Weld on
Lifting Point



Weld on Hook



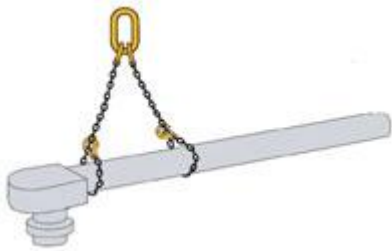
Bolt-on
Lifting Point



Insulated Blank
Swivel

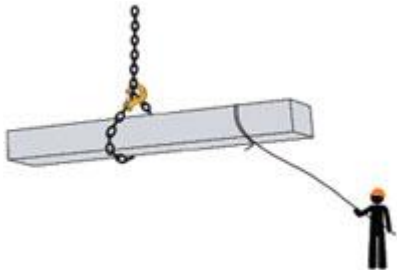
Grade 80 Chain Slings : Tips

Here are some basic safety tips and usage guidelines



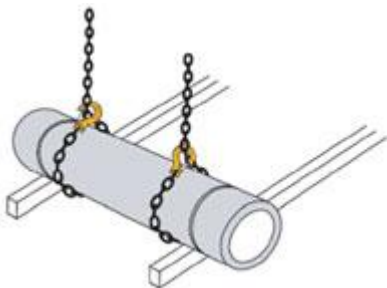
Load Stability

It is imperative to always make sure the load is well balanced prior to lifting, and that no tilting occurs. The sling should be fixed about the centre of gravity, then raised just clear of the ground, if any tilting occurs the sling must be adjusted so that the lifting point is vertically central to the line of gravity



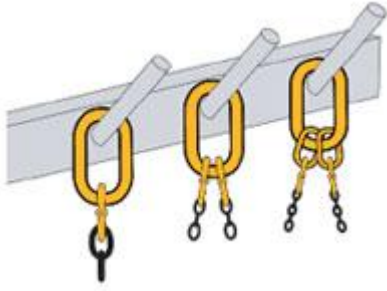
Controlling A Long Load

When a long load is to be lifted, particularly in confined spaces, it is common safety practice to attach a tag line to either one or both ends of the load; This is to allow the slinger total control in the movement and rotation of the load.



Safe Landing of a Load

Always prepare the landing site for the load this is commonly done by clearing the space and appropriately placing some timber batons for the load to be placed on, and so allowing the chain to be easily slid out from under the load. Never land a load directly onto the chain.



Chain Sling Storage

It is essential to store chain slings on a purposely made hanging rack when not in use, to prevent damage to the chain. They should not be left hung from a crane, and should never be left on the floor



| Temperature of Chain | Reduction In Load Limit While Heated | Permanent Reduction In Working Load Limit |
|----------------------|--------------------------------------|---|
| -40°C - 200°C | None | None |
| over 200C to 300C | 10% | None |
| over 300C to 400C | 25% | None |
| over 400C | DO NOT USE | |

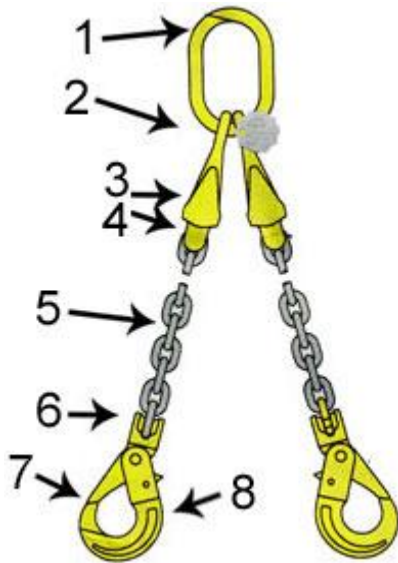
Safe Temperature Limits When Using Chain Slings

Acidic Conditions

Grade 80 chain slings should not be in or near acidic or caustic solutions due to the risk of hydrogen embrittlement

What to look for when inspecting chain slings

Always examine before each use, if any doubt them remove from service until it has been properly inspected and tested by a qualified person.



Look out for: -

1. Masterlink Distortion, wear or cracks
2. Illegible safety markings
3. Ensure shorteners have no cracks or distortions
4. Ensure load + retaining pins are secure and none missing.
5. Links must be checked for dents, cracks or twists and corrosion
6. Coupling components should have no cracked or distorted parts.
7. Safety catches should be present and working correctly
8. Check hooks for distortion

Inspecting Chain Slings

As chain slings are classed as **lifting equipment** accessories they need to be inspected by an appropriate person at less than 6 monthly periods. A valid certificate of inspection or declaration of conformity should always be available. Always check chain slings prior to each use for signs of damaged links etc. If any doubts arise then do not use until it has been thoroughly inspected and tested by a competent person

Instructions For The Safe Use If Chain Slings

The following safety procedures should always be strictly followed to prevent injury

You must always:

- Stay well clear of a moving load
- Inspect your chain sling and accessories prior to each use and before storing
- Carry out a test lift to make sure the load is secure and well balanced
- Ensure any unused chain legs are securely hooked back out of the way.
- Adopt safe slinging procedures, know the load weight and sling capacity, test, check then lift
- Carefully position the sling with outward facing hooks, pack any sharp corners.
- Check the chain sling is within its inspection period
- Use shortening device when needed to ensure a correctly balanced and secure
- Position sling so the lifting point is directly in line with the centre of gravity

You must never:

- Use a sling which is worn or damaged in any way

- Shorten a sling leg in any other way than an integral shortening device fit for the purpose
- Lift a load balanced on the hooks tip, it must always sit securely in the bowl
- Use in extreme temperatures; above 200 or below minus 40 degrees centigrade, without speaking with the manufacturer
- Let persons ride on the chain sling
- Knot, twist or tie a chain
- Overload, pay attention to the SWL
- Land a load onto the chain directly, use battens
- Try to free a trapped chain from under a load
- use in conditions using chemical compounds or acids without speaking to supplier.

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