

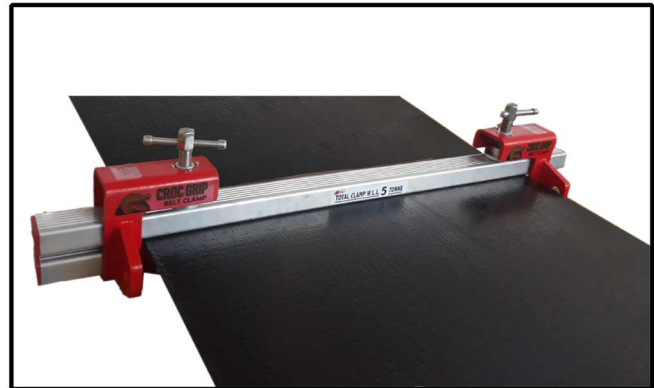
## SUMMARY

Created for maximum grip, Belt Clamp from STARK offers exceptional belt clamping for all types of belt maintenance in a variety of working conditions.

**CROC GRIP** Belt Clamps is constructed from high grade steel components that are light in weight, conducive for easy transportation and assembly.

**CROC GRIP** Belt Clamps is available in three sizes, designed to meet the W.L.L. (Work Load Limit) of various conveyor systems. Offered in Mark 3, Mark 5 and Mark 7 versions (at three, five and seven tonne thresholds, respectively)

**CROC GRIP** Belt Clamps can accommodate the force requirements for many typical belt systems.



## SPECIFICATIONS

### Croc Grip Mark 3

Torque 50 Nm (37ft. lbs) : 50 Kg (110 lbs) applied to the handle

- Coefficient of Friction : 0.14 on main screw
- Force per Clamp : 2 tonnes (4,400 lbs)
- Total Clamp Force on Belt : 4 tonnes (8,800 lbs)
- Total Force at Belt Creep : 6 tonnes (13,200 lbs)

2 – 1 safety factor = W.L.L. of 3 tonne (6,600 lbs)

### Croc Grip Mark 5

Torque 90 Nm (67ft. lbs) : 30 Kg (66 lbs) applied to 300mm (12") spanner

- Coefficient of Friction : 0.14 on main screw
- Force per Clamp : 3 tonnes (6,600 lbs)
- Total Clamp Force on Belt : 6 tonnes (13,200 lbs)
- Total Force at Belt Creep : 10 tonnes (22,000 lbs)

2 – 1 safety factor = W.L.L. of 5 tonne (11,000 lbs)

### Croc Grip Mark 7

Torque 160 Nm (120ft. lbs) : 54Kg (119 lbs) applied to 300mm (12") spanner

- Coefficient of Friction : 0.14 on main screw
- Force per Clamp : 3.5 tonnes (7,700 lbs)
- Total Clamp Force on Belt : 7 tonnes (15,400 lbs)
- Total Force at Belt Creep : 14 tonnes (30,800 lbs)

2 – 1 safety factor = W.L.L. of 7 tonne (15,400 lbs)

## FEATURES

- The unique patented design of **CROC GRIP** allows for a gripping force that far exceeds all competitive solutions.
- Units when linked in tandem configuration generate as much as 16 tonnes (35,270 lbs) pulling force.

**CROC GRIP** is available in 3 models to handle a wide range of belt widths and styles.

Typical areas of application :

**Mark 3** : Quarries, Brick works, Concrete plants, Recycling industries.

**Mark 5** : Steel works, Iron ore, Coal, Gold mines.

**Mark 7** : Heavy duty wide conveyors in Power stations, Steel works, Coal mines.

Bolts and handle stay assembled to minimize loss during transport.