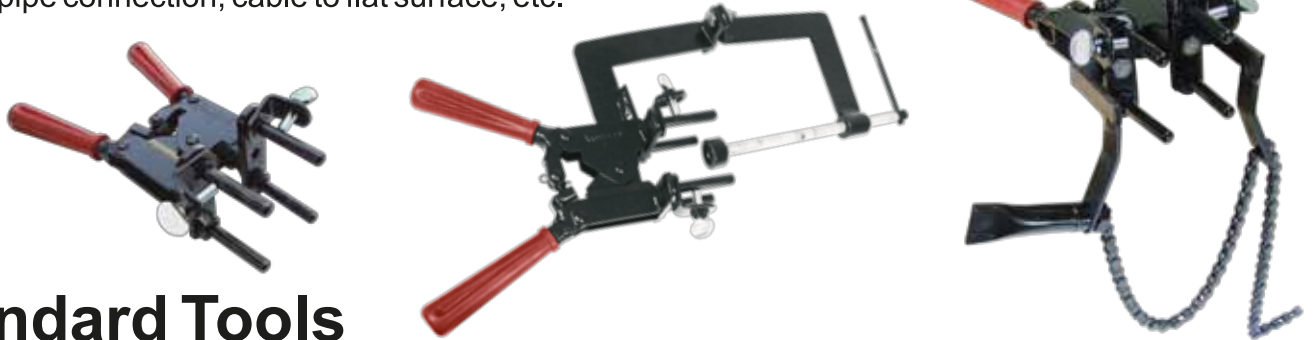# Handle Clamp & Handle Clamp Support

Kumwell Handle Clamp is used for handling and clamping the mould fit to the right position and tightening, without leakage during the exothermic welding process.
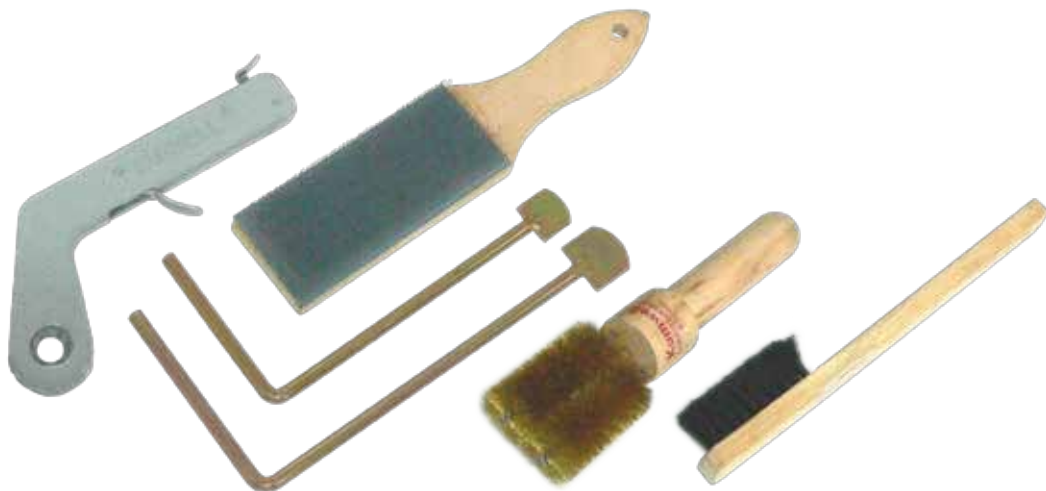
Kumwell Handle Clamp Support is designed to use with standard handle clamp to increase the capability of usage in all applications such as cable to steel pipe connection, cable to flat surface, etc.

Standard Tools

Kumwell Standard Tools are dedicated to use with the main equipments in exothermic welding connection process.

- **Flint Igniter** - for starting the reaction.
- **Cable Clean Brush** – for cleaning cables and other circular conductor
- **Mould Brush** – for cleaning mould
- **Busbar Brush** – for cleaning metal flat surface
- **Scraper** – for removing slag from mould's crucible after finishing the connection.

Tool Box

Kumwell Tool Box is a special designed steel case suitable storing of exothermic welding equipments before and after process.

Handle Clamp

Kumwell handle clamp has only 3 type differences; HCB00, HCC00 and HCD00, which is adequate to assort with many different sizes and types of graphite mould.

HCB00

HCB00 type handle clamp assorting with 2"x2" sized mould

HCC00 and HCD00

HCC00 type handle clamp assorting with 3-1/8" x 3-1/8" sized mould and 2-5/16" distance between prongs.

HCD00 type handle clamp assorting with 4"x4" sized mould and 3" distance between prongs.

HCB00-XB or HCBOO-XB-12D

Handle clamp with chain support for cathodic mould HCB00-XB is used to hold a mould fit at its horizontal and vertical position on up to 4" pipe's diameter and HCB00-XB-12D special chain support for 5" to 12" pipe's diameter.

HCC00-X or HCD00-X

Handle clamp with chain support "X"

It is used to hold a mould fit at its horizontal and vertica position on up to 4" pipe's diameter.
Special chain support can be requested.

HCC00-X and HCD00-X suit to collaborate with CRE6P CRE18P, CRE19P, CRE20P, CP1 mould's types.

Note : Special requirement can be requested.

Handle Clamp

HCC00-Y or HCD00-Y

Handle clamp with vertical beam support "Y"

It is used to hold a mould fit at its vertical position o steel beam or column.

HCC00-Y and HCD00-Y suit to collaborate with CS3, CS4, CS7, CS18, CS21, CS22, CS23, CS24, CS25, CS26, CS27, CS28, CS29, CS30, BS1, BS4, BS5, BS8, BS13 mould's types.

HCC00-Z or HCD00-Z

Handle clamp with chain support "Z"

It is used to hold a mould fit in its position on top of rebar.

HCC00-Z and HCD00-Z suit to collaborate with CRE1P, CRE17P mould's types.

HCC00-V or HCD00-V

Handle clamp with chain support "V"

This type is recommended to CRE4P, CS16.

HCC00-V1 or HCD00-V1

Handle clamp with chain support "V1"

This type is recommended to CRE5P.

Note : Special requirement can be requested.

Handle Clamp

HCC00-U or HCD00-U

Handle clamp with chain support "U"

This type is recommended to CRE3P.

HCC00-W or HCD00-W

Handle clamp with chain support "W"

This type is recommended to CS6, CS31, CS43, BS9, BS11.

HCC00-T or HCD00-T

Handle clamp with chain support "T"

This type is recommended to CS12, CS13, CS14, CS15.

HCC00-M or HCD00-M

Handle clamp with vertical magnetic support "M"

It is used to hold a mould fit at its position on vertical steel surface especially on a large size H-beam that another chain or beam support cannot be used.

HCC00-M and HCD00-M suit to collaborate with CS-type mould.

Note : Special requirement can be requested.

Tool & Accessories

KTA001
Tool box Code No.KTA001
Tool Box is a special designed steel case, suitable for storing of exothermic welding equipments before and after process.

KTA002
8" File Code No.KTA002
File is used for rubbing metal surface smooth before making connection.

KTA003
Bus bar Brush Code No. KTA003
Bus bar Brush is used for cleaning metal flat surface before making connection.

KTA004
Pincers Code No.KTA004
Pincers are used to facilitate in making connection.

KTA005
Screwdriver Code No. KTA005
Screwdriver is used to facilitate in making connection.

KTA006
Cable Clean Brush Code No.KTA006
Cable Clean Brush is used for cleaning cable only before making connection.

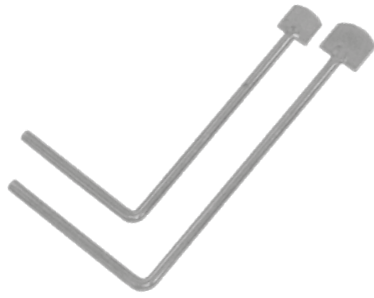Note : **Cable Clean Brush is made from brass, thus do not use for cleaning mould.**

KTA007
Mould Brush Code No. KTA007
Mould Brush is used for cleaning crucible and graphite mould's surface by its soft brush.

Kumwell
Exothermic Welding

KTA008-011

Scraper Code No. KTA008 is recommended for metal powder size 15 – 32 g

Scraper Code No. KTA009 is recommended for metal powder size 45 - 90 g

Scraper Code No. KTA010 is recommended for metal powder size 115 - 250 g

Scraper Code No. KTA011 is recommended for metal powder size 300 g or more

Scraper is used for removing slag from the mould crucible after finishing the connection.

KTA014

Flint Igniter Code No. KTA014
Flint Igniter is used for starting the reaction.

KTA015

Disk Container Code No. KTA015
Disk Container is used to store the steel disk and prevent possible damage.

KTA016

Cable clamp Code No.KTA016
Cable Clamp is used for tightening a large-size cable conductor up to 95 mm^2.

KTA017 – KTA018

Butane Torch Code No.KTA017
Butane Gas Code No.KTA018
Butane Torch and Gas is used for removing moisture from mould and conductor to ensure they are totally dry.

KTA019

Gloves Code No. KTA019
Gloves can help prevent your hands from possible damage.

KTA020

Ceramic Fiber Code No.KTA020
Ceramic Fiber is used to prevent leakage from mould and conductors for complete connection.

WE-DS

Duct seal Code No. WE-DS
Duct seal is used to protect the leak of exothermic welding process