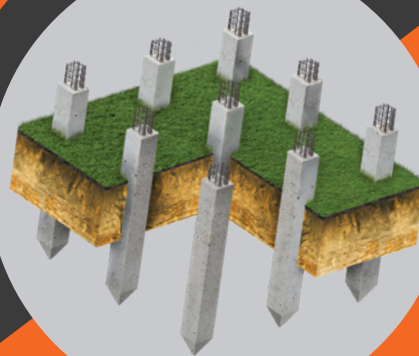




CHEMTRADE LLC

BUILD WITH CONFIDENCE





COMPANY PROFILE

Chem Trade LLC, established and based in United Arab Emirates to cater to widely used construction related products and services.

It has 2 divisions namely:

a) Chemicals & Minerals Division (CMD)

We are one of the largest suppliers for chemicals & Minerals to the Middle East Industries like Civil Engineering, Oil drilling, Mining, Cement etc. Moreover, the supply of chemicals and testing instrument makes us a dedicated one stop makes us a dedicated one stop solution provider.

Various CMD products we tend to distribute are:

- Bentonite
- Silica sand, Micro Silica
- Polymers
- Soda Ash, salt and various other chemicals and minerals
- Testing instruments

b) Drilling Tools & Equipment Division (DED)

This provision provides deal in construction machinery that covers manufacturing of piling tools and trading of piling consumable (piling teeth and bullets etc).

Various piling tools manufactured in our factory are:

- Piling Buckets (Soil Bucket, Rock Bucket, Centrifugal Bucket)
- Piling Augers (Soil Auger, Rock Auger, Conical Auger)
- Cleaning Buckets
- Core Barreln
- Kelly Adapter & many more.

Our manufacturing facility produces 40 Piling Tools (various sizes) every month. Our factory is equipped with modern facilities like CNC Plasma Cutting Machine, NC Rolling Machine, CNC Lathe and Milling Machines. All the Piling Tools manufactured are according to European design and comply with the international standards for the drilling tools. Our factory can also provide other Heavy fabrication services like fabrication of Testing/King Beam for the Piling Companies. In Chem Trade LLC we keep in mind the total customer satisfaction. To have faster deliveries we maintain a sufficient stock of Piling Tools as well as consumables

Qualitative Products and punctual deliveries have made Chem Trade a prominent supplier. The attitude to meet or even exceed or overachieve the needs of our reputed clients and to deliver them the ultimate satisfaction is paving the growth for the company year by year to new heights. Yet the commitment to deliver is focused upon and shall never change

PRODUCTS { 1 }

MINERALS & CHEMICALS



Bentonite	- API / OCMA
Viscosity@600rpm	- 30 cps min
YP / PV ratio	- 3 max
Filtrate Volume	- 15 cm ³ max
Residue 0.75 mic	- 4 wt. % max.
Moisture	- 10 wt. % max



Polymer	
Appearance	- White Granules
Specific Gravity	- 1.02
Apparent Density	- 0.7 to 0.8 g/cm ³
Solubility in water	- Extensive
pH (of 0.2% solution)	- 7 to 8



Soda Ash (Sodium Carbonate)	
Density	- 2.25 g/cm ³
Total Alkalinity (Na ₂ CO ₃)	- 98.5
Solubility in water	- 99.9
Sulphate (Na ₂ SO ₄)	- 0.05
Chlorides (NaCl)	- 0.80



Caustic Soda (Sodium Hydroxide)	
Density	- 2.25 g/cm ³
Total Alkalinity (Na ₂ CO ₃)	- 98.5
Solubility in water	- 99.9
Sulphate (Na ₂ SO ₄)	- 0.05
Chlorides (NaCl)	- 0.80

OTHER LIST OF PRODUCTS



Minerals

- ▶▶ Bentonite
- ▶▶ Barite
- ▶▶ Bauxite
- ▶▶ Laterite
- ▶▶ Gypsum
- ▶▶ Bleaching Earth
- ▶▶ Mica
- ▶▶ Fly Ash
- ▶▶ Silica Sand
- ▶▶ Quartz
- ▶▶ Talc, Cement
- ▶▶ Micro Silica



Chemicals

- ▶▶ PHPA Polymer
- ▶▶ Carboxy Methyl Cellulose (CMC)
- ▶▶ Soda Ash (Light / Dense)
- ▶▶ Sodium Bicarbonate
- ▶▶ Sodium Silicate
- ▶▶ Salt
- ▶▶ Caustic Soda (Flakes / Prills)
- ▶▶ PAC-LV/HV
- ▶▶ Citric Acid
- ▶▶ GuarGum



Testing Instruments

TESTING INSTRUMENTS - BENTONITE API/OCMA



SAND CONTENT KIT



MARSH FUNNEL



MUD BALANCE



SHEAROMETER



SLURRY SAMPLER



PH METER / PH STRIPS

PRODUCTS {2}

DRILLING TOOLS & EQUIPMENTS



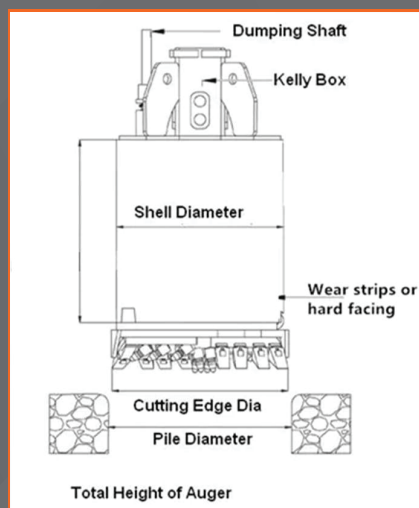
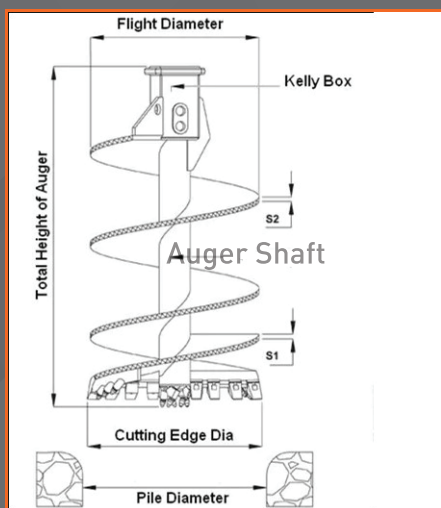
SIZES OF PILING TOOLS

The size of pile is very important consideration on selection of type and design of the piling tool. The standard sizes for the drillings are ranging from 500 mm – 1200 mm (Nominal Constructional Pile size). In CHEMTRADE, the sizes provision are as follows.

- Augers: 400 mm – 1500 mm
- Drilling Buckets: 500 mm – 2000 mm
- Cleaning Buckets: 600 mm – 2000 mm
- Core Barrels: 600 mm – 1500 mm

The sizes mentioned above are available Ex- Stock Cutting Edge Standards The cutting edges/ diameter is 40 mm less than the Pile/Casing Diameter. This will provide a 40 mm total clearance i.e., 20 mm on each side. This is applicable to each Piling Tools manufactured. Please refer the sample table given below

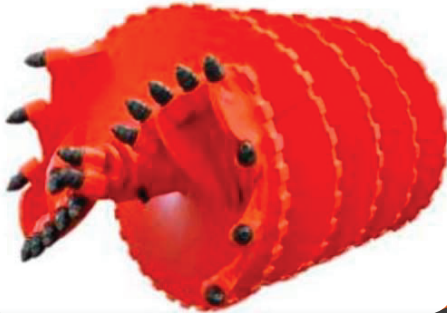
Nominal size of tool/Casing diameter	Shell Diameter	Cutting Edge Diameter
900 mm	820 mm	860 mm
1200 mm	1120 mm	1160 mm



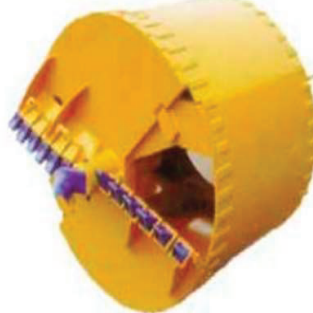
- Prestressed Concrete Strands (PC strands): 9.3 mm – 15.7 mm
- Wedges: 9.5mm -18mm (0.5",0.6",0.62")
- Circular Anchorage: 15 x 1 strand – 15x6 strand
- Barrels: 13mm, 15mm & 18mm
- Double Ended Joiners: 4mm – 15.7mm
- Stressing Jacks: (12T, 14T, 25T, 27T) Tonne x 75mm, 25 Tonne x 100mm

DRILLING EQUIPMENTS – BUCKET/AUGER

DOUBLE CUTTING ROCK AUGER WITH B47K22H TEETH



DOUBLE BOTTOM DOUBLE CUTTING HARD SOIL BUCKET WITH BFZ80 TEETH



DOUBLE CUTTING HARD SOIL AUGER WITH BFZ80 TEETH



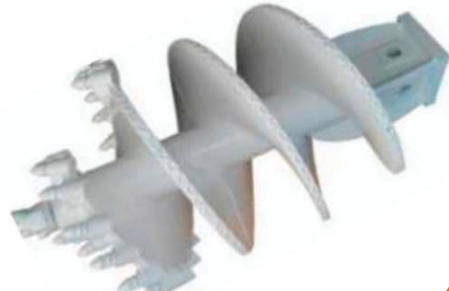
DOUBLE BOTTOM DOUBLE CUTTING ROCK BUCKET WITH B74K22H TEETH



DOUBLE BOTTOM DOUBLE CUTTING CONICAL ROCK BUCKET WITH B74K22H TEETH



CONICAL ROCK AUGER WITH B47K22H TEETH



DOUBLE BOTTOM DOUBLE CUTTING SOIL BUCKET WITH T25 TEETH



DOUBLE CUTTING SOIL AUGER WITH T25 TEETH

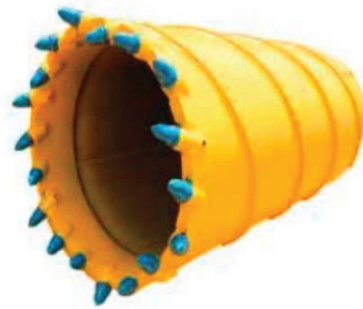


DRILLING EQUIPMENTS

DOUBLE BOTTOM CLEANING BUCKET



CORE BARREL WITH ROUND TEETH



CORE BARREL WITH ROLLER BIT



CROSS CUTTER WITH ROUND TEETH



CASING DRIVE ADAPTOR



CONCRETE TREMIE PIPE WITH FUNNEL & FORK



BENTONITE TANK



ROLLER BIT 8.5"



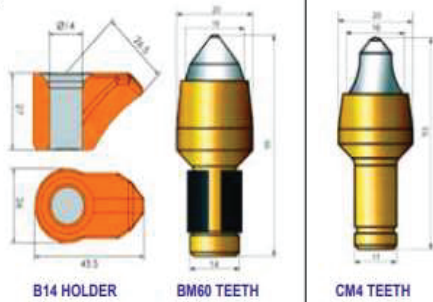
HIGH STRENGTH PC WIRE STRANDS



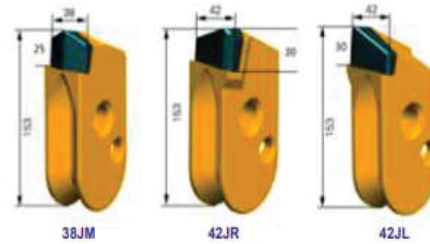
FULLY THREADED STAINLESS STEEL ABCHOR WEDGE



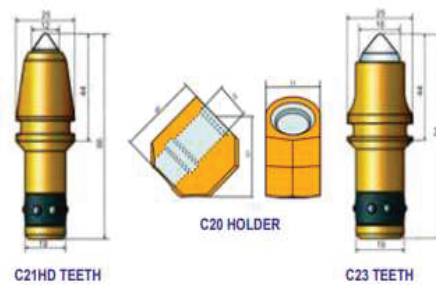
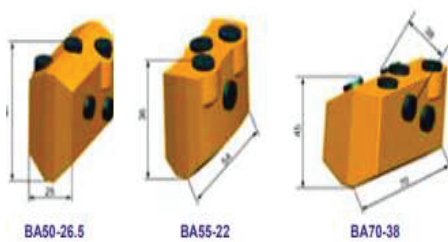
FOUNDATION DRILLING TEETH



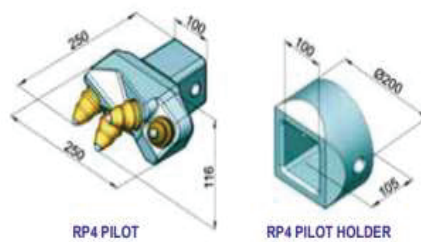
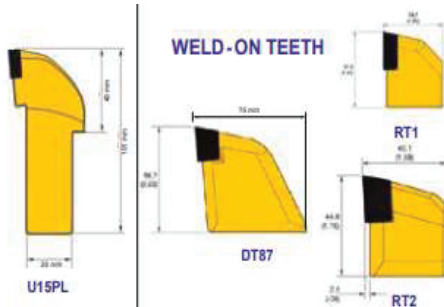
DIAPHRAGM WALL CUTTING TEETH



CASING TEETH



WELD-ON TEETH





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