

# PRODUCT CATALOGUE

**TOOLING SUPPLIER**

OFFICIAL RESELLER  
IN THE NETHERLANDS

**2026 EDITION**



**CYLINDER  
REPAIRS**



**HYDRAULIC  
REPAIRS**



**ENGINE  
REPAIRS**



**UNDERCARRIAGE  
REPAIRS**



**HAND  
TOOLS**

## HEPP 30T

### MASTER PIN PUSHER



REDUCES  
LABOUR TIME



PORTABLE  
DESIGN



SAFER  
REPAIRS



CE & UKCA  
CERTIFIED

**30 TON ELECTRIC / MANUAL**  
5 SETS OF UNIVERSAL TOOLING INCLUDED



#### SPECIFICATIONS

|                      |                        |
|----------------------|------------------------|
| Model                | HEPP 30T               |
| Capacity             | 30 Ton                 |
| Stroke               | 200 mm                 |
| Working Pressure     | 700 kg/cm <sup>2</sup> |
| Weight (Approx.)     | 28.5 kg                |
| Minimum Pin Diameter | 18 mm                  |
| Maximum Pin Diameter | 36.2 mm                |
| Minimum Pin Length   | 90 mm                  |
| Maximum Pin Length   | 170 mm                 |

## HEPP 50T

### MASTER PIN PUSHER



REDUCES  
LABOUR TIME



PORTABLE  
DESIGN



SAFER  
REPAIRS



CE & UKCA  
CERTIFIED

**50 TON ELECTRIC / MANUAL**  
4 SETS OF UNIVERSAL TOOLING INCLUDED



#### SPECIFICATIONS

|                      |                        |
|----------------------|------------------------|
| Model                | HEPP 50T               |
| Capacity             | 50 Ton                 |
| Stroke               | 250 mm                 |
| Working Pressure     | 700 kg/cm <sup>2</sup> |
| Weight (Approx.)     | 85 kg                  |
| Minimum Pin Diameter | 19.3 mm                |
| Maximum Pin Diameter | 36.3 mm                |
| Minimum Pin Length   | 133 mm                 |
| Maximum Pin Length   | 178 mm                 |

## HEPP 65T

### MASTER PIN PUSHER



**65 TON ELECTRIC / MANUAL**  
6 SETS OF UNIVERSAL TOOLING INCLUDED



#### SPECIFICATIONS

|                      |                        |
|----------------------|------------------------|
| Model                | HEPP 65T               |
| Capacity             | 65 Ton                 |
| Stroke               | 60 mm                  |
| Working Pressure     | 700 kg/cm <sup>2</sup> |
| Weight (Approx.)     | 130 kg                 |
| Minimum Pin Diameter | 30.1 mm                |
| Maximum Pin Diameter | 52.3 mm                |
| Minimum Pin Length   | -                      |
| Maximum Pin Length   | 300 mm                 |

## HEPP 100T

### MASTER PIN PUSHER



**100 TON ELECTRIC / MANUAL**  
10 SETS OF UNIVERSAL TOOLING INCLUDED



#### SPECIFICATIONS

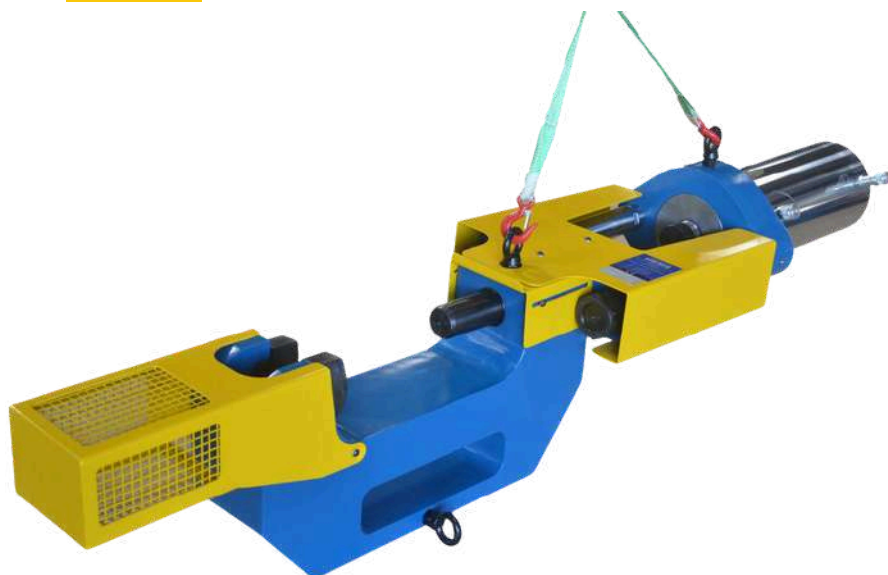
|                      |                        |
|----------------------|------------------------|
| Model                | HEPP 100T              |
| Capacity             | 100 Ton                |
| Stroke               | 350 mm                 |
| Working Pressure     | 650 kg/cm <sup>2</sup> |
| Weight (Approx.)     | 205 kg                 |
| Minimum Pin Diameter | 19.3 mm                |
| Maximum Pin Diameter | 60.2 mm                |
| Minimum Pin Length   | 160 mm                 |
| Maximum Pin Length   | 320 mm                 |

## HEPP 150T

### MASTER PIN PUSHER



**150 TON ELECTRIC / MANUAL**  
12 SETS OF UNIVERSAL TOOLING INCLUDED



#### SPECIFICATIONS

|                      |                        |
|----------------------|------------------------|
| Model                | HEPP 150T              |
| Capacity             | 150 Ton                |
| Stroke               | 350 mm                 |
| Working Pressure     | 650 kg/cm <sup>2</sup> |
| Weight (Approx.)     | 480 kg                 |
| Minimum Pin Diameter | 23.7 mm                |
| Maximum Pin Diameter | 70 mm                  |
| Minimum Pin Length   | 311 mm                 |
| Maximum Pin Length   | 365 mm                 |

## HEPP 200T

### MASTER PIN PUSHER



**200 TON ELECTRIC**  
15 SETS OF UNIVERSAL TOOLING INCLUDED



#### SPECIFICATIONS

|                      |                        |
|----------------------|------------------------|
| Model                | HEPP 200T              |
| Capacity             | 200 Ton                |
| Stroke               | 350 mm                 |
| Working Pressure     | 650 kg/cm <sup>2</sup> |
| Weight (Approx.)     | 630 kg                 |
| Minimum Pin Diameter | 19.3 mm                |
| Maximum Pin Diameter | 76.2 mm                |
| Minimum Pin Length   | 311 mm                 |
| Maximum Pin Length   | 415 mm                 |

## HEPP 230T

### MASTER PIN PUSHER



### 230 TON ELECTRIC

7 SETS OF UNIVERSAL TOOLING INCLUDED



#### SPECIFICATIONS

|                      |                        |
|----------------------|------------------------|
| Model                | HEPP 230T              |
| Capacity             | 230 Ton                |
| Stroke               | 350 mm                 |
| Working Pressure     | 650 kg/cm <sup>2</sup> |
| Weight (Approx.)     | 680 kg                 |
| Minimum Pin Diameter | 22 mm                  |
| Maximum Pin Diameter | 85 mm                  |
| Minimum Pin Length   | 360 mm                 |
| Maximum Pin Length   | 425 mm                 |

## HEPP 250T

### MASTER PIN PUSHER



### 250 TON ELECTRIC

7 SETS OF UNIVERSAL TOOLING INCLUDED



#### SPECIFICATIONS

|                      |                        |
|----------------------|------------------------|
| Model                | HEPP 250T              |
| Capacity             | 250 Ton                |
| Stroke               | 350 mm                 |
| Working Pressure     | 650 kg/cm <sup>2</sup> |
| Weight (Approx.)     | 810 kg                 |
| Minimum Pin Diameter | 22 mm                  |
| Maximum Pin Diameter | 85 mm                  |
| Minimum Pin Length   | 360 mm                 |
| Maximum Pin Length   | 425 mm                 |

## HEPP 300T

### MASTER PIN PUSHER



### 300 TON ELECTRIC

15 SETS OF UNIVERSAL TOOLING INCLUDED



#### SPECIFICATIONS

|                      |                        |
|----------------------|------------------------|
| Model                | HEPP 300T              |
| Capacity             | 300 Ton                |
| Stroke               | 600 mm                 |
| Working Pressure     | 644 kg/cm <sup>2</sup> |
| Weight (Approx.)     | 1420 kg                |
| Minimum Pin Diameter | 36.4 mm                |
| Maximum Pin Diameter | 85 mm                  |
| Minimum Pin Length   | 360 mm                 |
| Maximum Pin Length   | 425 mm                 |

## HEPP 400T

### MASTER PIN PUSHER



### 400 TON ELECTRIC

15 SETS OF UNIVERSAL TOOLING INCLUDED



#### SPECIFICATIONS

|                      |                        |
|----------------------|------------------------|
| Model                | HEPP 400T              |
| Capacity             | 400 Ton                |
| Stroke               | 500 mm                 |
| Working Pressure     | 660 kg/cm <sup>2</sup> |
| Weight (Approx.)     | 1480 kg                |
| Minimum Pin Diameter | 60 mm                  |
| Maximum Pin Diameter | 105.2 mm               |
| Minimum Pin Length   | 400 mm                 |
| Maximum Pin Length   | 400 mm                 |

## ADDITIONAL ATTACHMENTS

Included with Master Pin Pusher Packages (Excluding 30T and 65T Models)



**SPARE SEAL KIT**  
Cylinder & Pump Unit



**TOOLING**  
Included



**TELESCOPIC TRIPOD**  
1 T Capacity



**HAND TOOL SET**  
Spanner & Allen Keys



**DIRECTIONAL CONTROL VALVE**  
Spare Unit



**CHAIN PULLEY**  
Included



**RUBBERISED HOSE KIT**  
4 m Hoses & Couplers



**LIFTING BELT**  
1 T Capacity



**20 T FLAT JACK**  
Bushing Removal

## HE-PP 30/50T

### PIN PULLER

#### 30/50 TON PIN PULLER

TOOLING INCLUDED



REDUCES  
LABOUR TIME



PORTABLE  
DESIGN



SAFER  
REPAIRS



CE & UKCA  
CERTIFIED

#### SPECIFICATIONS

|                  |                         |
|------------------|-------------------------|
| Model            | HE-PP 30/50 T           |
| Stroke           | 50 mm / 100 mm          |
| Closed Height    | 245 mm / 255 mm         |
| Outer Diameter   | 115 mm / 150 mm         |
| Bore Diameter    | 95 mm / 135 mm          |
| Ram Diameter     | 80 mm / 110 mm          |
| Centre Hole      | 33 mm / 42 mm           |
| Effective Area   | 42.6 sq/cm / 78.5 sq/cm |
| Max Diameter Pin | 38 mm / 55 mm           |

## HE-PP 100T

### PIN PULLER

#### 100 TON PIN PULLER

TOOLING INCLUDED



REDUCES  
LABOUR TIME



PORTABLE  
DESIGN



SAFER  
REPAIRS



CE & UKCA  
CERTIFIED

#### SPECIFICATIONS

|                  |             |
|------------------|-------------|
| Model            | HE-PP 100 T |
| Stroke           | 100 mm      |
| Closed Height    | 295 mm      |
| Outer Diameter   | 215 mm      |
| Bore Diameter    | 180 mm      |
| Ram Diameter     | 150 mm      |
| Centre Hole      | 80 mm       |
| Effective Area   | 141.4 sq/cm |
| Max Diameter Pin | 90 mm       |

## HE-PP 150T

### PIN PULLER

#### 150 TON PIN PULLER

TOOLING INCLUDED



REDUCES  
LABOUR TIME



PORTABLE  
DESIGN



SAFER  
REPAIRS



CE & UKCA  
CERTIFIED



#### SPECIFICATIONS

|                  |             |
|------------------|-------------|
| Model            | HE-PP 150 T |
| Stroke           | 100 mm      |
| Closed Height    | 325 mm      |
| Outer Diameter   | 245 mm      |
| Bore Diameter    | 200 mm      |
| Ram Diameter     | 150 mm      |
| Centre Hole      | 80 mm       |
| Effective Area   | 235.6 sq/cm |
| Max Diameter Pin | 140 mm      |

## HE-PP 200T

### PIN PULLER

#### 200 TON PIN PULLER

TOOLING INCLUDED



REDUCES  
LABOUR TIME



PORTABLE  
DESIGN



SAFER  
REPAIRS



CE & UKCA  
CERTIFIED



#### SPECIFICATIONS

|                  |             |
|------------------|-------------|
| Model            | HE-PP 200 T |
| Stroke           | 100 mm      |
| Closed Height    | 350 mm      |
| Outer Diameter   | 290 mm      |
| Bore Diameter    | 220 mm      |
| Ram Diameter     | 160 mm      |
| Centre Hole      | 80 mm       |
| Effective Area   | 235.6 sq/cm |
| Max Diameter Pin | 185 mm      |

## HE-DAP 65T

### DUAL ACTION PRESS

**65 TON ELECTRIC / MANUAL**  
TOOLING INCLUDED



REDUCES  
LABOUR TIME



PORTABLE  
DESIGN



SAFER  
REPAIRS



CE UK  
CA  
CERTIFIED  
CE & UKCA  
CERTIFIED

### SPECIFICATIONS

| Model            | HE-DAP 65T E                         | HE-DAP 65T M        |
|------------------|--------------------------------------|---------------------|
| Capacity         | 65 Ton                               |                     |
| Stroke           | 60 mm                                |                     |
| Working Pressure | 700 kg/cm <sup>2</sup>               |                     |
| Approx Weight    | 200 kg                               |                     |
| Operation        | Dual Control Pump                    | Manual Control Pump |
| Pushing Pins     | 6 Sets covering 30.1 mm – 52.3 mm    |                     |
| Pulling Pins     | Tooling set to pull pins up to 62 mm |                     |
| Min Diameter     | 30.1 mm                              |                     |
| Max Diameter     | 52.3 mm                              |                     |

## HE-ECPP

### HYDRAULIC POWER PACK



REDUCES  
LABOUR TIME



PORTABLE  
DESIGN



SAFER  
REPAIRS



CE UK  
CA  
CERTIFIED  
CE & UKCA  
CERTIFIED

### SPECIFICATIONS

|                   |                                      |
|-------------------|--------------------------------------|
| Control           | Wireless Remote                      |
| Operational Range | Up to 20 Meters                      |
| Tank Type         | Heavy Duty Steel                     |
| Voltage           | 12 v / 24 v Options                  |
| Oil Capacity      | Approx. 10-12 Litres                 |
| Applications      | Truck, Plant, Agricultural Machinery |



## PORTABLE CYLINDER REPAIR BENCH KIT

### PCRB-4000



REDUCES  
LABOUR TIME



PORTABLE  
DESIGN



SAFER  
REPAIRS



CE & UKCA  
CERTIFIED



### SPECIFICATIONS

|                                |                     |
|--------------------------------|---------------------|
| Torque Capacity of Nut Buster  | 49,759 Nm (350 bar) |
| Acting Cylinder                | Single or Double    |
| Maximum Cylinder Diameter      | 200 mm              |
| Maximum Cylinder Weight        | 1000 Kg             |
| Extraction Cylinder Capacity   | 10 T                |
| Extraction Stroke              | 1000 mm             |
| Extraction Open Length         | 2000 mm             |
| Open Length with Extension Bar | 3000 mm             |
| Max Floor Space                | 2.8 Sq/m            |
| Motor Power                    | 3 HP                |
| Hydraulic System Pressure      | 350 bar             |



#### COMPACT DESIGN

Fits into a 75" x 60" x 50" storage box



#### HYDRAULIC CONTROL

Hydraulic directional control valve with ratchet mechanism



#### 3HP POWER PACK

Supplied with 3HP hydraulic power unit

## PORTABLE CYLINDER REPAIR BENCH KIT

### PCRB-5000



REDUCES  
LABOUR TIME



PORTABLE  
DESIGN



SAFER  
REPAIRS



CE & UKCA  
CERTIFIED



### SPECIFICATIONS

|                                |         |
|--------------------------------|---------|
| Torque Capacity of Nut Buster  | 5152 Nm |
| Acting Cylinder                | Double  |
| Maximum Cylinder Diameter      | 300 mm  |
| Maximum Cylinder Weight        | 1200 Kg |
| Extraction Cylinder Capacity   | 10 T    |
| Extraction Stroke              | 2000 mm |
| Extraction Open Length         | 2000 mm |
| Open Length with Extension Bar | 5000 mm |
| Cylinder Additional Extension  | 1000 mm |
| Motor Power                    | 3 HP    |
| Hydraulic System Pressure      | 350 bar |



#### DOUBLE ACTING TORQUE

Powerful double acting torque system



#### UP TO 1200 KG CAPACITY

Supports cylinders up to 1200 kg



#### 350 BAR SYSTEM

High Pressure 350 bar hydraulic system

## ATTACHMENTS INCLUDED

All the attachments you need for professional cylinder repair.



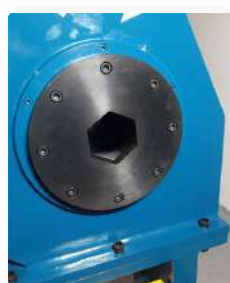
 **UNIVERSAL  
WRENCH**



 **CLEVIS LOCK  
PLATES**



 **SOCKET  
DRIVE SET**



 **2 x SPANNER  
PLATES**



 **V CHUCKS**



 **MOUNTING  
BARS**



 **GLAND NUT  
SPANNERS**



 **3-SLOT  
SPANNER**



 **GIANT NUT  
SPANNERS**



 **CLEVIS  
SUPPORT**



 **SPARE BED  
PLATE**



 **CYLINDER  
EXTENSION  
BAR**

## SPECIFICATIONS

| Model                        | PCRB-2000          | PCRB-4000           | PCRB-5000               |
|------------------------------|--------------------|---------------------|-------------------------|
| Design                       | Portable Bench     | Portable Bench      | Portable Bench          |
| Torque Capacity              | 7,500 Nm (350 bar) | 49,759 Nm (350 bar) | 38,000 lbs ft (350 bar) |
| Cylinder Operation           | Single Acting      | Double Acting       | Double Acting           |
| Maximum Outer Diameter       | 100 mm             | 200 mm              | 300 mm                  |
| Extension Cylinder Capacity  | 5 Ton              | 10 Ton              | 10 Ton                  |
| Extension Cylinder Stroke    | 600 mm             | 1000 mm             | 2000 mm                 |
| Bench Length                 | -                  | 4265 mm             | 5500 mm                 |
| Motor Stroke                 | 5 HP               | 3 HP                | 3 HP                    |
| Nut Runner Torque            | 250 Nm             | 250 Nm              | 250 Nm                  |
| Nut Runner Speed             | 14 - 100 RPM       | 14 - 100 RPM        | 14 - 100 RPM            |
| Built-in Spanner             | No                 | Yes                 | Yes                     |
| Hydraulic Pressure           | 300 bar            | 350 bar             | 350 bar                 |
| Hydraulic Reservoir Capacity | 100 Litres         | 40 Litres           | 40 Litres               |
| CE & UKCA Compliant          | Yes                | Yes                 | Yes                     |

## CYLINDER HONING BENCH

HEMS WS CH 5M



REDUCES  
LABOUR TIME



HEAVY-DUTY  
CONSTRUCTION



SAFER  
REPAIRS



CE & UKCA  
CERTIFIED

### SPECIFICATIONS

|                        |                         |
|------------------------|-------------------------|
| Honing Diameter        | 50 - 5000 mm            |
| Maximum Stroke         | 5000 mm                 |
| Centre Height          | >480 mm                 |
| Spindle Speed          | 15 - 150 rpm            |
| Reciprocating Speed    | 1 - 30 m/min            |
| Cooling Tank Capacity  | 300 L                   |
| Surface Finish         | Ra 0.2 - 0.4            |
| Accuracy               | IT7 - IT8               |
| Dimensions (L X W x H) | 14,500 x 1000 x 1700 mm |



## CYLINDER HONING BENCH

HEM CH14



REDUCES  
LABOUR TIME



HEAVY-DUTY  
CONSTRUCTION



SAFER  
REPAIRS



CE & UKCA  
CERTIFIED

### SPECIFICATIONS

|                   |                               |
|-------------------|-------------------------------|
| Voltage           | 410V, 10Hp, 3Ph, 50/60Hz, 30A |
| Max Travel        | 15 ft                         |
| Max Travel Speed  | 50 ft/min                     |
| Bore Range        | 3.5" - 2.1"                   |
| Max Honing Torque | 100 ft/Lb                     |
| Max Spindle Speed | 200 rpm                       |



| HYDRAULIC OIL    | HONING OIL | HONING HEAD | FILTER              | OIL FILTER (POWER UNIT) | FUSE                                          |
|------------------|------------|-------------|---------------------|-------------------------|-----------------------------------------------|
| Multi Grad 32/10 | 20 Gal     | ANR160A     | Paper Media Coolant | Buyers HFA51025         | FRZ ATDR30 GLS/600V/30A (#3) 7A (#1) 13A (#3) |

## AUTOMATIC CYLINDER DIGITAL TESTER

HE-ADCT SERIES



REDUCES  
LABOUR TIME



HEAVY-DUTY  
CONSTRUCTION



SAFER  
REPAIRS



CE & UKCA  
CERTIFIED



### SPECIFICATIONS

| Model                 | HE-ADCT-01 | HE-ADCT-02 |
|-----------------------|------------|------------|
| Tank Capacity         | 400 Litre  | 650 Litre  |
| Max Test Pressure     | 450 Bar    | 415 Bar    |
| Max Cylinder Weight   | 600 Kg     | 15 Tonne   |
| Max Cylinder Length   | 5,000 mm   | 10,000 mm  |
| Max Cylinder Diameter | 500 mm     | 600 mm     |

## PORTABLE CYLINDER DIGITAL TESTER

PHT-415



REDUCES  
LABOUR TIME



PORTABLE  
DESIGN



SAFER  
REPAIRS



CE & UKCA  
CERTIFIED



### SPECIFICATIONS

|                                                                                               |                                                                           |
|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| <b>Electric Systems</b><br>Voltage: 400V 3-Phase<br>Frequency: 50 Hz<br>Power: 5kw            | <b>Max Pressure</b><br>32 Bar                                             |
| <b>Pneumatic Feeding Systems</b><br>Flow Rate: 180L/min<br>Air Multiplier: 4x                 | <b>Electric Motor</b><br>Type: 3-Phase Asynchronous<br>Power: 5Kw         |
| <b>Hydraulic Plant</b><br>Tank Capacity: 700 Litre<br>Max Oil Temp: 60°C<br>Max Flow: 20L/min | Max Pressure: 415 Bar (6000 psi)<br>Fluids Allowed: Oil ISO VG 32/46      |
| <b>Digital Control</b><br>Accurate Readings and<br>easy operation                             | <b>Built To Perform</b><br>Reliable testing for<br>demanding applications |

## CYLINDER REPAIR BENCH

**HCS-25-LS**



REDUCES  
LABOUR TIME



HEAVY-DUTY  
CONSTRUCTION



SAFER  
REPAIRS



CE & UKCA  
CERTIFIED

### SPECIFICATIONS

|                                     |                             |
|-------------------------------------|-----------------------------|
| Model                               | HCS-25-LS                   |
| Torque Capacity                     | 25,000 Lbs ft (3457.5 Kg-m) |
| Torque Cylinder                     | Single Acting               |
| Max. Extended Cylinder Length       | 22 ft (6.7 m)               |
| Max. Cylinder Diameter              | 16 in (406.4 mm)            |
| Max. Floor Space (Length)           | 23 ft (7.0 m)               |
| Max. Floor Space (Width)            | 3 ft (0.9 m)                |
| Max. Required Air Space             | 10 ft (3.0 m)               |
| Power Required                      | Shop Air & Single-Phase     |
| Motor Power                         | 2 HP                        |
| Built-in Spanner Wrench             | Yes                         |
| Access Required                     | Front & Rear                |
| Torquer Stroke Speed                | 10 in Stroke (29 Sec / ft)  |
| Rod Extraction / Installation Speed | 48 in Stroke (7.6 Sec / ft) |
| Pendant Control                     | No                          |
| Extraction Force                    | 8,300 lbs (36.9 KN)         |



## CYLINDER REPAIR BENCH

**HCS-2520**



REDUCES  
LABOUR TIME



HEAVY-DUTY  
CONSTRUCTION



SAFER  
REPAIRS



CE & UKCA  
CERTIFIED

### SPECIFICATIONS

|                                     |                               |
|-------------------------------------|-------------------------------|
| Model                               | HCS-2520                      |
| Torque Capacity                     | 25,000 Lbs ft (3450 Kg-m)     |
| Torque Cylinder                     | Single Acting / Spring Return |
| Max. Extended Cylinder Length       | 26 ft (7.9 m)                 |
| Max. Cylinder Diameter              | 22 in (558.8 mm)              |
| Max. Floor Space (Length)           | 30 ft (9.2 m)                 |
| Max. Floor Space (Width)            | 3 ft (0.9 m)                  |
| Max. Required Air Space             | 10 ft (3.0 m)                 |
| Power Required                      | Shop Air                      |
| Motor Power                         | 2 HP                          |
| Built-in Spanner Wrench             | Yes                           |
| Access Required                     | Front & Rear                  |
| Torquer Stroke Speed                | 10 in Stroke (29 Sec / ft)    |
| Rod Extraction / Installation Speed | 14 in Stroke (33 Sec / ft)    |
| Pendant Control                     | No                            |
| Extraction Force                    | 9,900 lbs (44.1 KN)           |



## CYLINDER REPAIR BENCH

HCS-30



REDUCES  
LABOUR TIME



HEAVY-DUTY  
CONSTRUCTION



SAFER  
REPAIRS



CE & UKCA  
CERTIFIED

### SPECIFICATIONS

|                                     |                            |
|-------------------------------------|----------------------------|
| Model                               | HCS-30                     |
| Torque Capacity                     | 30,000 Lbs ft (4140 Kg-m)  |
| Torque Cylinder                     | Double Acting              |
| Max. Cylinder Length (Extended)     | 22 ft (6.7 m)              |
| Max. Cylinder Diameter              | 16 in (406.4 mm)           |
| Max. Floor Space (Length)           | 26 ft (7.9 m)              |
| Max. Floor Space (Width)            | 3 ft (0.9 m)               |
| Max. Required Air Space             | 9 ft (2.7 m)               |
| Power Required                      | All Voltage 50/60Hz/3 Ph   |
| Motor Power                         | 5 HP                       |
| Built-in Spanner Wrench             | Yes                        |
| Access Required                     | Front                      |
| Torquer Stroke Speed                | 10 in Stroke (14 Sec / ft) |
| Rod Extraction / Installation Speed | 48 in Stroke (52 Sec / ft) |
| Pendant Control                     | Yes                        |
| Extraction Force                    | 14,400 lbs (62.3 KN)       |



## CYLINDER REPAIR BENCH

HCS-40



REDUCES  
LABOUR TIME



HEAVY-DUTY  
CONSTRUCTION



SAFER  
REPAIRS



CE & UKCA  
CERTIFIED

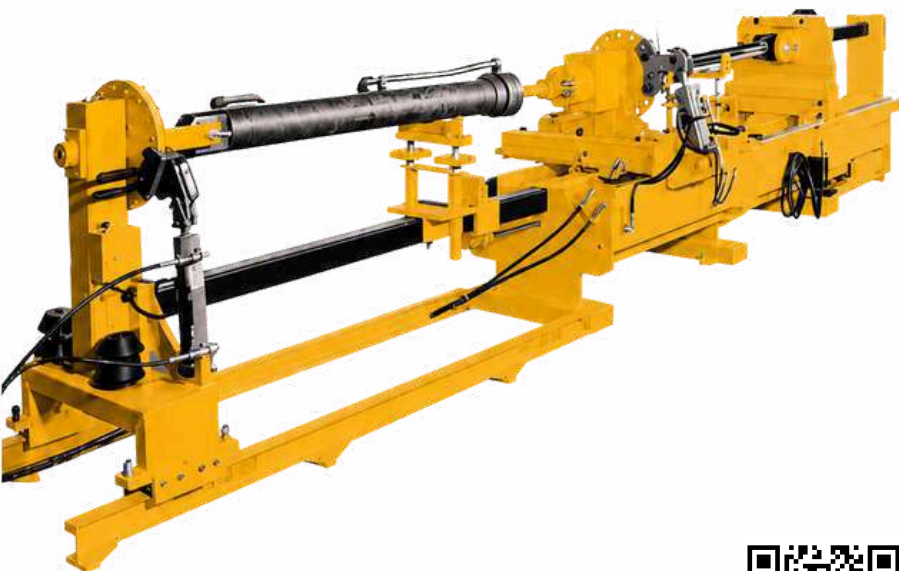
### SPECIFICATIONS

|                                     |                              |
|-------------------------------------|------------------------------|
| Model                               | HCS-40                       |
| Torque Capacity                     | 40,000 Lbs ft (5520 Kg-m)    |
| Torque Cylinder                     | Double Acting                |
| Max. Cylinder Length (Extended)     | 26 ft (7.9 m)                |
| Max. Cylinder Diameter              | 22 in (558.8 mm)             |
| Max. Floor Space (Length)           | 33 ft (10.0 m)               |
| Max. Floor Space (Width)            | 3 ft (0.9 m)                 |
| Max. Required Air Space             | 9 ft (2.7 m)                 |
| Power Required                      | All Voltage 50/60Hz/3 Ph     |
| Motor Power                         | 5 HP                         |
| Built-in Spanner Wrench             | Yes                          |
| Access Required                     | Front                        |
| Torquer Stroke Speed                | 10 in Stroke (13.5 Sec / ft) |
| Rod Extraction / Installation Speed | 48 in Stroke (52 Sec / ft)   |
| Pendant Control                     | Yes                          |
| Extraction Force                    | 14,400 lbs (62.3 KN)         |



## CYLINDER REPAIR BENCH

HCS-60



REDUCES  
LABOUR TIME



HEAVY-DUTY  
CONSTRUCTION



SAFER  
REPAIRS



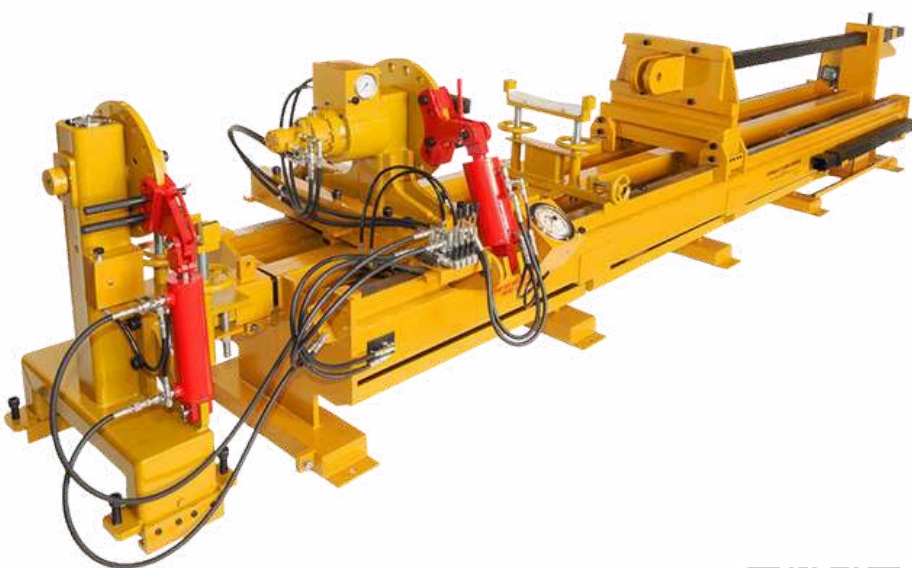
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### SPECIFICATIONS

|                                     |                             |
|-------------------------------------|-----------------------------|
| Model                               | HCS-60                      |
| Torque Capacity                     | 60,000 Lbs ft (5520 Kg-m)   |
| Torque Cylinder                     | Both Double Acting          |
| Max. Cylinder Length (Extended)     | 24 ft (7.3 m)               |
| Max. Cylinder Diameter              | 20 / 30 in (508 / 762 mm)   |
| Max. Floor Space (Length)           | 32 ft (9.8 m)               |
| Max. Floor Space (Width)            | 5 ft (1.5 m)                |
| Max. Required Air Space             | 11 ft (3.4 m)               |
| Power Required                      | All Voltage 50/60Hz/3 Ph    |
| Motor Power                         | 7 1/2 HP                    |
| Built-in Spanner Wrench             | Yes                         |
| Access Required                     | Front                       |
| Torquer Stroke Speed                | 10 in Stroke (14 Sec / ft)  |
| Rod Extraction / Installation Speed | 48 in Stroke (4.0 Sec / ft) |
| Pendant Control                     | Yes                         |
| Extraction Force                    | 14,700 lbs (65.4 KN)        |

## CYLINDER REPAIR BENCH

HCS-60-L



REDUCES  
LABOUR TIME



HEAVY-DUTY  
CONSTRUCTION



SAFER  
REPAIRS



CE & UKCA  
CERTIFIED

### SPECIFICATIONS

|                                     |                             |
|-------------------------------------|-----------------------------|
| Model                               | HCS-60-L                    |
| Torque Capacity                     | 60,000 Lbs ft (8280 Kg-m)   |
| Torque Cylinder                     | Both Double Acting          |
| Max. Cylinder Length (Extended)     | 34 ft (10.4 m)              |
| Max. Cylinder Diameter              | 20 / 30 in (508 / 762 mm)   |
| Max. Floor Space (Length)           | 43 ft (13.1 m)              |
| Max. Floor Space (Width)            | 5 ft (1.5 m)                |
| Max. Required Air Space             | 12 ft (3.7 m)               |
| Power Required                      | All Voltage 50/60Hz/3 Ph    |
| Motor Power                         | 7 1/2 HP                    |
| Built-in Spanner Wrench             | Yes                         |
| Access Required                     | Front                       |
| Torquer Stroke Speed                | 10 in Stroke (140 Sec / ft) |
| Rod Extraction / Installation Speed | 48 in Stroke (4.0 Sec / ft) |
| Pendant Control                     | Yes                         |
| Extraction Force                    | 14,700 lbs (65.4 KN)        |

## TUXCO CYLINDER TESTER

HCT SERIES



REDUCES  
LABOUR TIME



PORTABLE  
DESIGN



SAFER  
REPAIRS



CERTIFIED  
CE & UKCA  
CERTIFIED



### SPECIFICATIONS

| SPECIFICATION                                                                                             | HCT-3000                | HCT-5000              |
|-----------------------------------------------------------------------------------------------------------|-------------------------|-----------------------|
|  Max Testing Pressure    | 3000 PSI<br>(207 bar)   | 5000 PSI<br>(345 bar) |
|  Motor Power             | 7.5 HP                  | 15 HP                 |
|  Hydraulic Pump Capacity | 20 GPM<br>(76 LPM)      | 8.3 GPM<br>(32 LPM)   |
|  Reservoir Capacity     | 227 Litres (60 Gallons) |                       |
|  Power Required        | All Voltage 50 / 60 Hz  |                       |

## TUXCO BARREL WASHER

CBW-300



REDUCES  
LABOUR TIME



PORTABLE  
DESIGN



SAFER  
REPAIRS



CERTIFIED  
CE & UKCA  
CERTIFIED



### SPECIFICATIONS



Rotating Spray  
**Deep Internal Clean**



12 GPM Pump  
**Fast Wash Cycles**



4" - 13.5" Bore Range  
**Wide Compatibility**



Splash Guard  
**Cleaner Operation**



25 Micron Filter  
**Reusable Wash Fluid**



Factory Clean Finish  
**Ready to Reassemble**

# HOSE COUPLING MACHINE

## HEMM SERIES



REDUCES  
LABOUR TIME



PORTABLE  
DESIGN



SAFER  
REPAIRS



CE & UKCA  
CERTIFIED

## SPECIFICATIONS



Hose Range

6-150mm



Crimping Force

Up to 750 T



Voltage Options

12V - 380V



Application

Hydraulic Hose  
Assembly

## SPECIFICATIONS

| MODEL       | HOSE RANGE (MM) | SETS | FORCE (T) | POWER (KW) | VOLTAGE (V) | WEIGHT (Kg) |
|-------------|-----------------|------|-----------|------------|-------------|-------------|
| HEMM500-AB  | 6 - 51          | 10   | 500       | 3 - 4      | 220/380     | 260         |
| HEMM500-ABC | 6 - 51          | 10   | 500       | 3 - 4      | 220/380     | 260         |
| HEMM500-C   | 6 - 51          | 10   | 500       | 3 - 4      | 220/380     | 300         |
| HEMM500-K   | 6 - 51          | 10   | 500       | 3          | 220/380     | 300         |
| HEMM500-D   | 6 - 51          | 10   | 500       | 3 + 0.6    | 220/380     | 300         |
| HEMM500-SY  | 6 - 51          | 10   | 500       | -          | -           | 200         |
| HEMM500-V   | 6 - 51          | 10   | 400       | 1.6        | 12 - 24     | 200         |
| HEMM76      | 6 - 76          | 13   | 650       | 4          | 220/380     | 480         |
| HEMM102     | 6 - 102         | 16   | 750       | 4 - 5.5    | 220/380     | 560         |
| HEMM150     | 6 - 150         | 18   | 650       | 5.5        | 220/380     | 800         |
| HEMM120     | 6 - 76          | 15   | 650       | 4 - 5.5    | 220/380     | 1300        |
| HEMM38      | 6 - 38          | 8    | 400       | 3 - 4      | 220/380     | 200         |
| HEMM25      | 6 - 25          | 8    | 100       | -          | -           | 200         |
| HEMM500-L   | 48 - 57         | 3    | 650       | 3 - 4      | 380         | 240         |
| HEMM500-XZ  | 48 - 51         | 3    | 650       | 3 - 4      | 380         | 255         |

## HOSE COUPLING MACHINE

### CUTTING & STRIPPING



REDUCES  
LABOUR TIME



PORTABLE  
DESIGN



SAFER  
REPAIRS



CE & UKCA  
CERTIFIED

### SPECIFICATIONS

| MODEL / TYPE                          | LOCKING/PEEL/<br>CUTTING RANGE | POWER/<br>MOTOR | VOLTAGE  | PRODUCTION/<br>SPEED | EXTERNAL<br>DIMENSIONS | WEIGHT | OTHER                                              | ADDITIONAL<br>FEATURES SPEC                              |
|---------------------------------------|--------------------------------|-----------------|----------|----------------------|------------------------|--------|----------------------------------------------------|----------------------------------------------------------|
| HEM PSM Pipe<br>Cutting Machine       | 6-51 mm                        | 3/4 Kw          | 220/380v | 2900 r/min           | 760 x 560 x<br>870 mm  | 100 Kg | Maximum<br>Diameter 80<br>mm                       | Smoke exhaust<br>interface and<br>dust removal<br>device |
| HEM PM<br>Stripping<br>Machine        | 6-51 mm                        | 0.4 Kw          | 220/380v | 140 r/min            | 530 x 530 x<br>1150 mm | 80 Kg  | Maximum<br>Diameter 80<br>mm                       | Safety<br>Protection<br>device included                  |
| HEM-QB-51<br>(Cutting &<br>Stripping) | 6-51 mm                        | 3/4 Kw          | 220/380v | 2850 r/min           | 780 x 560 x<br>1100 mm | -      | Maximum Pipe<br>Cutting Inner<br>diameter 51<br>mm | Peel & Cutting<br>combo                                  |

## ULTRASONIC WASHER

### HEM-UCM 5000



REDUCES  
LABOUR TIME



PORTABLE  
DESIGN



SAFER  
REPAIRS



CE & UKCA  
CERTIFIED

### SPECIFICATIONS

|                         |                          |
|-------------------------|--------------------------|
| Application             | Medium-Duty              |
| Ultrasonic Power        | 5 Kw                     |
| Heating Power           | 10 Kw                    |
| Rated Power             | 16 Kw                    |
| Power Supply            | 380V + N + PE            |
| Ultrasonic Frequency    | 28 KHz                   |
| No. of Transducers      | 50 x 100 W               |
| Inner Tank Size (mm)    | 100 x 550 x 560          |
| Overall Dimensions (mm) | 2000 x 850 x 850         |
| Max Load Capacity       | ≤ 200 Kg                 |
| Tank Material           | SS 304 (2.0 mm)          |
| Outer Shell             | Stainless Steel (0.9 mm) |
| Oil-Water Separation    | Integrated               |
| Control System          | Digital Temp & Timer     |
| Cover Type              | Gas Spring Insulated     |
| Mobility                | Wheels + Adjustable feet |



## ULTRASONIC WASHER

HEM-UCM 6000



REDUCES  
LABOUR TIME



PORTABLE  
DESIGN



SAFER  
REPAIRS



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CERTIFIED

### SPECIFICATIONS

|                         |                          |
|-------------------------|--------------------------|
| Application             | Medium-Heavy-Duty        |
| Ultrasonic Power        | 6 Kw                     |
| Heating Power           | 14 Kw                    |
| Rated Power             | 21 Kw                    |
| Power Supply            | 380V + N + PE            |
| Ultrasonic Frequency    | 28 Khz                   |
| No. of Transducers      | 60 x 100 W               |
| Inner Tank Size (mm)    | 1200 x 600 x 600         |
| Overall Dimensions (mm) | 2200 x 900 x 900         |
| Max Load Capacity       | ≤ 300 Kg                 |
| Tank Material           | SS 304 (2.0 mm)          |
| Outer Shell             | Stainless Steel (0.9 mm) |
| Oil-Water Separation    | Integrated               |
| Control System          | Digital Temp & Timer     |
| Cover Type              | Gas Spring Insulated     |
| Mobility                | Wheels + Adjustable feet |

## ULTRASONIC WASHER

HEM-UCM 1500



REDUCES  
LABOUR TIME



PORTABLE  
DESIGN



SAFER  
REPAIRS



CE & UKCA  
CERTIFIED

### SPECIFICATIONS

|                         |                            |
|-------------------------|----------------------------|
| Application             | Heavy-Duty / industrial    |
| Ultrasonic Power        | 15 Kw                      |
| Heating Power           | 40 Kw                      |
| Rated Power             | 56 Kw                      |
| Power Supply            | 380V + N + PE              |
| Ultrasonic Frequency    | 28 Khz                     |
| No. of Transducers      | 150 x 100 W                |
| Inner Tank Size (mm)    | 1500 x 1000 x 1000         |
| Overall Dimensions (mm) | 2000 x 1900 x 1260         |
| Max Load Capacity       | ≤ 800 Kg                   |
| Tank Material           | SS 304 (2.0 mm)            |
| Outer Shell             | Stainless Steel (0.9)      |
| Oil-Water Separation    | Integrated                 |
| Control System          | Digital Temp & Timer       |
| Cover Type              | Pneumatic (2 - 0.6MPa air) |
| Mobility                | Wheels + Ajustable feet    |

## DIGITAL PORTABLE HYDRAULIC FLOW TESTER

10-1000 TON RANGE



### SPECIFICATIONS

|                       |                                                       |
|-----------------------|-------------------------------------------------------|
| Measures              | Flow, Pressure & temperature                          |
| Max. Working Pressure | Up to 420 bar                                         |
| Battery               | Rechargeable 12v lithium Battery                      |
| Loading Valve         | Integrated for controlled performance testing         |
| Hose Connection       | Quick-connect hoses for easy operation                |
| Carry Case            | Rugged, lightweight portable case                     |
| Applications          | Construction, industrial, and mobile hydraulic system |



FLOW, PRESSURE &  
TEMPERATURE



FAST ON-SITE TESTING



ACCURATE RESULTS



PORTABLE DESIGN

## HYDRAULIC CYLINDERS

10-1000 TON RANGE



### SPECIFICATIONS

|                       |                        |
|-----------------------|------------------------|
| Standard Cylinders    | 10-1000 Ton            |
| Custom Cylinders      | Bespoke Designs        |
| Heavy Duty Cylinders  | High Load Applications |
| Hydraulic Power Packs | Up to 700 Bar          |

## ENGINE ROTATING STAND

HM-ES-1050 -HEAVY DUTY STAND



REDUCES  
LABOUR TIME



HEAVY-DUTY  
CONSTRUCTION



SAFER  
REPAIRS



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### SPECIFICATIONS

|                |                         |
|----------------|-------------------------|
| Capacity       | 760 Kg                  |
| Spindle Height | 876 - 889 mm            |
| Height         | 1050 mm                 |
| Width          | 460 - 710 mm            |
| Length         | 870 - 1170 mm           |
| Weight         | 102 - 110 Kg            |
| Configuration  | Floor Mounted or mobile |

## ENGINE ROTATING STAND

HM-ES-1076 -HEAVY DUTY STAND



REDUCES  
LABOUR TIME



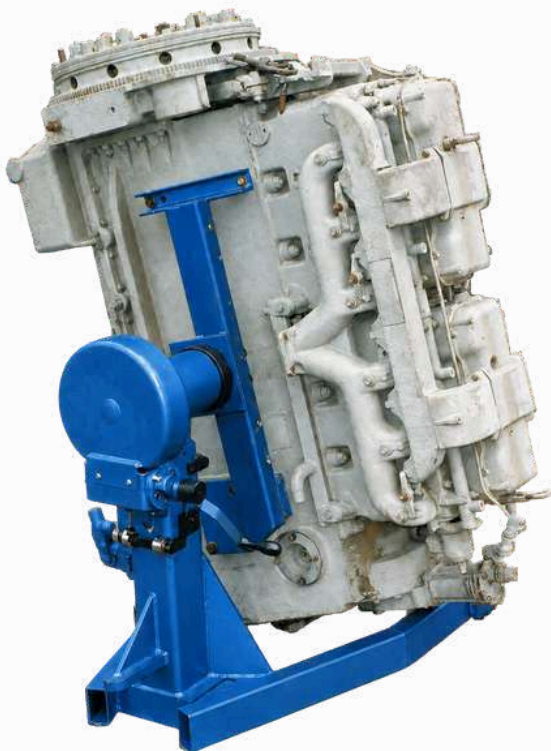
HEAVY-DUTY  
CONSTRUCTION



SAFER  
REPAIRS



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### SPECIFICATIONS

|                |                         |
|----------------|-------------------------|
| Capacity       | 1520 Kg                 |
| Spindle Height | 914 - 940 mm            |
| Height         | 1076 mm                 |
| Width          | 460 - 890 mm            |
| Length         | 920 - 1220 mm           |
| Weight         | 190 - 210 Kg            |
| Configuration  | Floor Mounted or mobile |

## ENGINE ROTATING STAND

HM-ES-2000 -HEAVY DUTY STAND

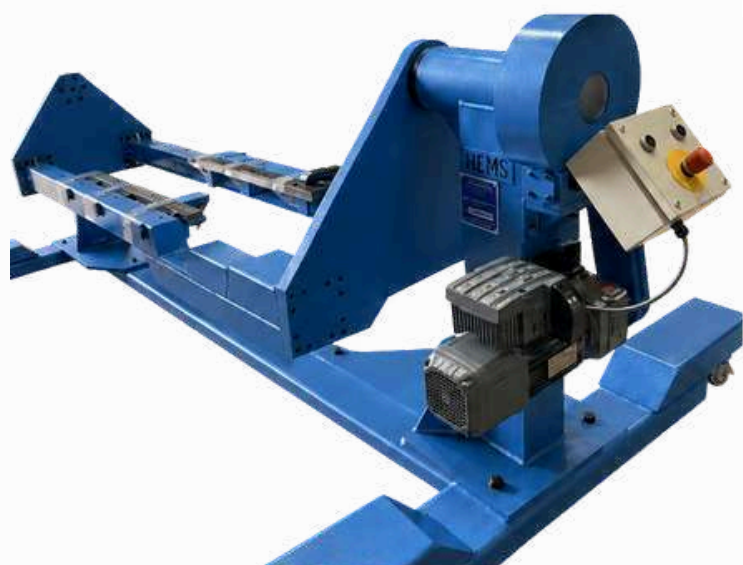


### SPECIFICATIONS

|                |               |
|----------------|---------------|
| Capacity       | 3000 Kg       |
| Spindle Height | 1000 mm       |
| Height         | 1150 mm       |
| Width          | 1372 mm       |
| Length         | 1372 mm       |
| Weight         | 350 Kg        |
| Configuration  | Floor Mounted |

## ENGINE ROTATING STAND

HM-ES-6000 -HEAVY DUTY STAND



### SPECIFICATIONS

|          |         |
|----------|---------|
| Capacity | 5000 Kg |
| Height   | 1200 mm |
| Width    | 1600 mm |
| Length   | 3500 mm |
| Weight   | 1050 Kg |

## ENGINE ROTATING STAND

HM-ES-7000 -HEAVY DUTY STAND



REDUCES  
LABOUR TIME



HEAVY-DUTY  
CONSTRUCTION



SAFER  
REPAIRS



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CE & UKCA  
CERTIFIED



### SPECIFICATIONS

|          |         |
|----------|---------|
| Capacity | 7000 Kg |
| Height   | 1350 mm |
| Width    | 1850 mm |
| Length   | 4500 mm |
| Weight   | 1825 Kg |

## ENGINE ROTATING STAND

HM-ES-12000 -HEAVY DUTY STAND



REDUCES  
LABOUR TIME



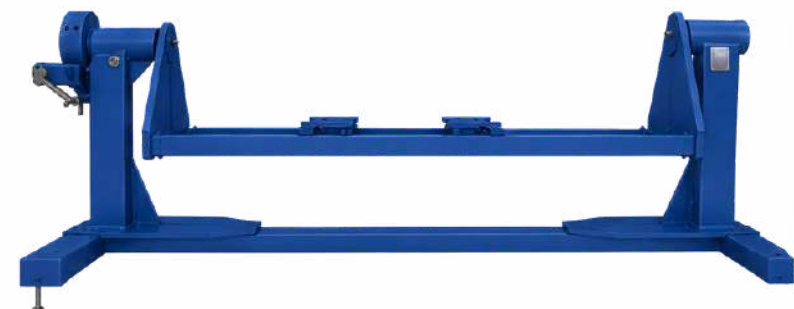
HEAVY-DUTY  
CONSTRUCTION



SAFER  
REPAIRS



CERTIFIED  
CE & UKCA  
CERTIFIED



### SPECIFICATIONS

|               |               |
|---------------|---------------|
| Capacity      | 12000 Kg      |
| Height        | 1200 mm       |
| Width         | 1845 mm       |
| Length        | 4392.5 mm     |
| Configuration | Floor Mounted |

## ENGINE ROTATING STAND

HM-ES-13-25 -HEAVY DUTY STAND



REDUCES  
LABOUR TIME



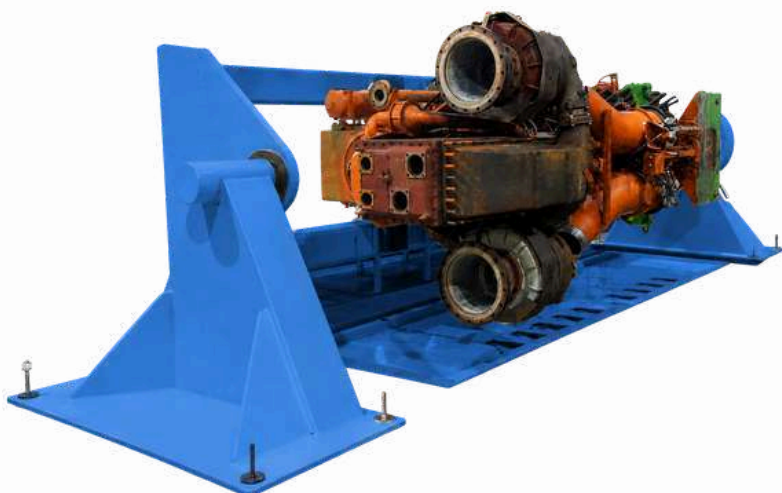
HEAVY-DUTY  
CONSTRUCTION



SAFER  
REPAIRS



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### SPECIFICATIONS

|            |          |
|------------|----------|
| Capacity   | 20000 Kg |
| Height     | 1850 mm  |
| Width      | 2000 mm  |
| Length     | 5620 mm  |
| Net Weight | 4500 Kg  |

## ENGINE ROTATING STAND

HM-ES-1 -HEAVY DUTY STAND



REDUCES  
LABOUR TIME



HEAVY-DUTY  
CONSTRUCTION



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REPAIRS



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### SPECIFICATIONS

|          |         |
|----------|---------|
| Capacity | 1000 Kg |
| Height   | 1050 mm |
| Width    | 1000 mm |
| Length   | 1200 mm |

## ENGINE ROTATING STAND

### HM-ES-3 -STANDARD STAND



### SPECIFICATIONS

|            |         |
|------------|---------|
| Capacity   | 2000 Kg |
| Height     | 900 mm  |
| Width      | 640 mm  |
| Length     | 1100 mm |
| Net Weight | 300 Kg  |

## ENGINE ROTATING STAND

### HM-ESV-3 -STANDARD STAND

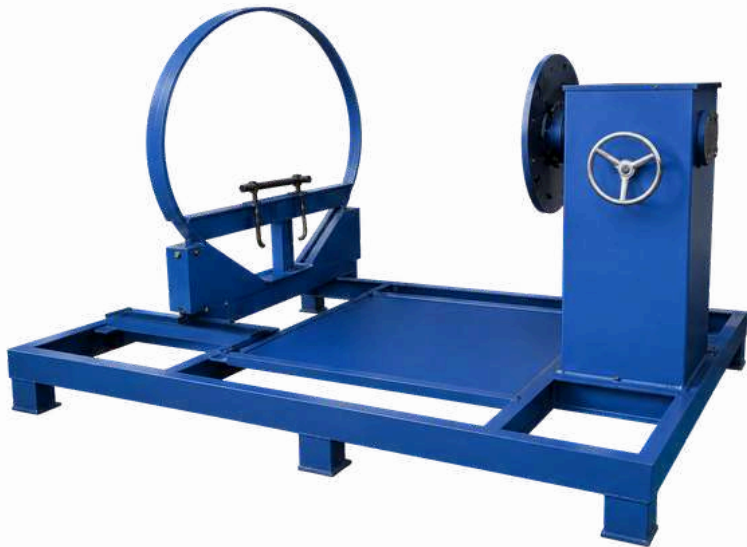


### SPECIFICATIONS

|          |         |
|----------|---------|
| Capacity | 3000 Kg |
| Height   | 1200 mm |
| Width    | 1100 mm |
| Length   | 1300 mm |

## ENGINE ROTATING STAND

HM-ES-5 - STANDARD STAND

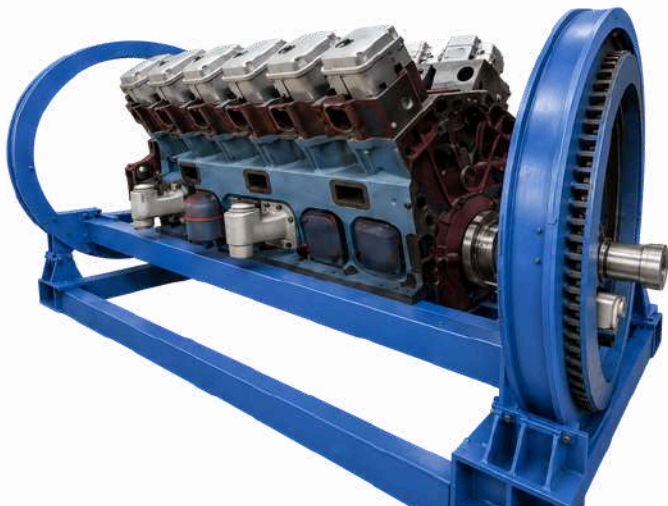


### SPECIFICATIONS

|            |         |
|------------|---------|
| Capacity   | 3500 Kg |
| Height     | 1350 mm |
| Width      | 1500 mm |
| Length     | 2400 mm |
| Net Weight | 400 Kg  |

## ENGINE ROTATING STAND

HM-ES-6 - STANDARD STANDS



### SPECIFICATIONS

|            |         |
|------------|---------|
| Capacity   | 6000 Kg |
| Length     | 2650 mm |
| Width      | 900 mm  |
| Net Weight | 1500 Kg |

## ENGINE ROTATING STAND

HM-ES-8 - STANDARD STAND



REDUCES  
LABOUR TIME



HEAVY-DUTY  
CONSTRUCTION



SAFER  
REPAIRS



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CERTIFIED



### SPECIFICATIONS

|            |         |
|------------|---------|
| Capacity   | 8000 Kg |
| Length     | 2950 mm |
| Width      | 1000 mm |
| Net Weight | 1800 Kg |

## ENGINE ROTATING STAND

HM-ES-10 - HEAVY DUTY STAND



REDUCES  
LABOUR TIME



HEAVY-DUTY  
CONSTRUCTION



SAFER  
REPAIRS



CERTIFIED  
CE & UKCA  
CERTIFIED



### SPECIFICATIONS

|            |          |
|------------|----------|
| Capacity   | 12000 Kg |
| Height     | 2100 mm  |
| Width      | 1900 mm  |
| Length     | 5350 mm  |
| Net Weight | 2350 Kg  |

## OIL FILTRATION UNIT

HE-MF-40



REDUCES  
LABOUR TIME



HEAVY-DUTY  
CONSTRUCTION



SAFER  
REPAIRS



CE & UKCA  
CERTIFIED



### SPECIFICATIONS

|                        |                                         |
|------------------------|-----------------------------------------|
| Pump Flow              | 40L/min                                 |
| Max Operating Pressure | 10 bar                                  |
| Weight                 | 150 Kg                                  |
| Electrical Supply      | 380v /3 Phase /50Hz                     |
| Max Fluid Temperature  | 65 °C                                   |
| Inner Filter           | 145 Micron (SS Mesh Type) Washer Filter |
| Particle Analyser      | Portable Particle Counter (Optional)    |
| Pump Type              | Gear Type Pump                          |

## OIL FILTRATION UNIT

HE-MF SERIES



REDUCES  
LABOUR TIME



HEAVY-DUTY  
CONSTRUCTION



SAFER  
REPAIRS



CE & UKCA  
CERTIFIED



### SPECIFICATIONS

|                        |                                        |          |
|------------------------|----------------------------------------|----------|
| Model                  | HE-MF-15                               | HE-MF-20 |
| Pump Flow              | 30L/min                                | 40L/min  |
| Hose Length            | 3m (Suction & Outlet)                  |          |
| Oil Compatibility      | Hydraulic & Lube Oil (up to ISO VG100) |          |
| Max Operation Pressure | 0 - 15 bar                             | 10 bar   |
| Particle Analyser      | Optional                               | Optional |

## TRUCK LIFT

### HE-TL SERIES



REDUCES  
LABOUR TIME



HEAVY-DUTY  
CONSTRUCTION



SAFER  
REPAIRS



CERTIFIED  
CE & UKCA  
CERTIFIED



### SPECIFICATIONS

| Model                 | HE-30TL            | HE-20TL            | HE-30TL/HW                                 |
|-----------------------|--------------------|--------------------|--------------------------------------------|
| Type                  | Mechanics          | Mechanics          | Hydraulic Wireless                         |
| Capacity              | 20T                | 30T                | 30T                                        |
| Single Column Lift    | 5T                 | 7.5T               | 7.5T                                       |
| Lift Height (mm)      | 1500               | 1500               | 1700                                       |
| Lift Speed (mm/min)   | 600                | 600                | 1260                                       |
| Down (mm/min)         | 600                | 600                | 1260                                       |
| Size (mm)             | 1300 x 1330 x 2540 | 1300 x 1330 x 2540 | 1250 x 1140 x 2570                         |
| Weight (Kg)           | 685 Kg             | 738 Kg             | 700 Kg                                     |
| Motor Power (Kw)      | 2.2 Kw             | 3 Kw               | 2.2 Kw                                     |
| Adjust Range for Tire | 650 - 1200 mm      | 650 - 1200 mm      | 650 - 1200 mm                              |
| Safety Measures       | Safety Lock        | Safety Lock        | Mechanical Lock /<br>Explosion-Proof Valve |

## KING PIN PRESS

### HEPP-75T



REDUCES  
LABOUR TIME



HEAVY-DUTY  
CONSTRUCTION



SAFER  
REPAIRS



CERTIFIED  
CE & UKCA  
CERTIFIED



### SPECIFICATIONS

|                    |                        |
|--------------------|------------------------|
| Capacity           | 75 Ton                 |
| Stroke             | 120 mm                 |
| Working Pressure   | 700 Kg/cm <sup>2</sup> |
| Pneumatic Pressure | 13 Kg/cm <sup>2</sup>  |
| Weight             | 128 Kg                 |
| Height             | 480 mm                 |

## BRAKE RIVETING MACHINE

HE-VSR 60



REDUCES  
LABOUR TIME



HEAVY-DUTY  
CONSTRUCTION



SAFER  
REPAIRS



CE & UKCA  
CERTIFIED



### SPECIFICATIONS

|                    |                                            |
|--------------------|--------------------------------------------|
| Application        | Truck brake shoe plate riveting & punching |
| Riveting Force     | 60 Kn (6T)                                 |
| Working Pressure   | 0.5 - 0.8 MPa                              |
| Max. Rivet         | 10 mm                                      |
| Stroke             | 40 mm                                      |
| Air Supply         | External air compressor                    |
| Net / Gross Weight | 75 Kg / 85 kg                              |
| MEAS               | 0.40 CBM                                   |

## BRAKE RIVETING MACHINE

HE-BSR/E 10



REDUCES  
LABOUR TIME



HEAVY-DUTY  
CONSTRUCTION



SAFER  
REPAIRS



CE & UKCA  
CERTIFIED



### SPECIFICATIONS

|                    |                                         |
|--------------------|-----------------------------------------|
| Application        | Truck brake shoes, drums torque & tools |
| Rivet Range        | 6 - 12 mm                               |
| Power Supply       | 230v / 380v                             |
| Working Stroke     | 122 mm                                  |
| Working Pressure   | 1.0 MPa                                 |
| Motor Power        | 1.5 Kw                                  |
| Net / Gross Weight | 127 Kg                                  |
| MEAS               | 0.65 CBM                                |

## BRAKE RIVETING MACHINE

HE-BSR 80



### SPECIFICATIONS

|                    |                              |
|--------------------|------------------------------|
| Force              | 80 Kn (8T)                   |
| Rivet Range        | ≤10 mm (Cu / AL)             |
| Working Pressure   | 0.5 – 0.8 MPa                |
| Working Stroke     | 40 mm                        |
| Air                | External Compressor Required |
| Net / Gross Weight | 107 Kg                       |
| MEAS               | 0.046 CBM                    |

## BRAKE RIVETING MACHINE

HE-BSR/E 80



### SPECIFICATIONS

|                   |                                       |
|-------------------|---------------------------------------|
| Function          | Electro-hydraulic riveting & piercing |
| Riveting Material | Cu / AL / Fe                          |
| Riveting Force    | 80 Kn (8T)                            |
| Rivet Ø           | 6 – 12 mm                             |
| Stroke            | 150 mm                                |
| Speed             | Stepless Control                      |
| Motor             | 2.5 Kw                                |
| Punches / Heads   | 2 Punches / 3 Heads                   |
| Gross Weight      | 85 Kg                                 |
| Machine Size      | 650 x 410 x 1140                      |
| MEAS              | 0.30 CBM                              |

## STATIONARY TRACK PRESS

HEM-UC SERIES



### SPECIFICATIONS

| Model                 | HEM-UC/200T  | HEM-UC/300T  | HEM-UC/400T  | HEM-UC/500T  |
|-----------------------|--------------|--------------|--------------|--------------|
| Capacity of Cylinders | 100 Ton      | 150 Ton      | 200 Ton      | 250 Ton      |
| Bore                  | 180 mm       | 220 mm       | 260 mm       | 290 mm       |
| RAM                   | 140 mm       | 180 mm       | 220 mm       | 240 mm       |
| Press Daylight        | 800 mm       | 800 mm       | 900 mm       | 900 mm       |
| Max Track Pitch       | 270 mm       | 280 mm       | 300 mm       | 325 mm       |
| Effective Area        | 254.46 cm/sq | 380.13 cm/sq | 530.93 cm/sq | 660.52 cm/sq |
| Working Pressure      | 400 bar      | 400 bar      | 380 bar      | 380 bar      |
| Stroke                | 150 mm       | 150 mm       | 150 mm       | 150 mm       |
| Forward Speed         | 27.22 mm/Sec | 21.69 mm/Sec | 20.17 mm/Sec | 16.21 mm/Sec |
| Pressing Speed        | 6.94 mm/Sec  | 6.53 mm/Sec  | 5.93 mm/Sec  | 4.77 mm/Sec  |
| Voltage               | 380 - 440 V  | 380 - 440 V  | 380 - 440 V  | 380 - 440 V  |

## ROLLER CONVEYOR SYSTEM

HEM-UC SERIES



### SPECIFICATIONS

|                |                                                   |
|----------------|---------------------------------------------------|
| Length         | 11 meters                                         |
| Height         | 690 mm                                            |
| Width          | 170 mm                                            |
| Winch Capacity | 2 Ton                                             |
| Electric Motor | 2 HP, 230 V Single Phase<br>/ 410 - 440 V 3 Phase |

## TRACK WINDER

### HEM-UC SERIES



REDUCES  
LABOUR TIME



HEAVY-DUTY  
CONSTRUCTION



SAFER  
REPAIRS



CE & UKCA  
CERTIFIED



### SPECIFICATIONS

|                  |                |
|------------------|----------------|
| Max Torque       | 8500 Nm        |
| Spindle Speed    | 2 rpm          |
| Electric Motor   | 5 HP , 3 Phase |
| Torque Operation | Pendant        |
| Voltage          | 380 - 440 V    |

## TORQUE WRENCH

### HEM-UC/T SERIES



REDUCES  
LABOUR TIME



HEAVY-DUTY  
CONSTRUCTION



SAFER  
REPAIRS



CE & UKCA  
CERTIFIED



### SPECIFICATIONS

|                  |                     |              |
|------------------|---------------------|--------------|
| Model            | HEM-UC/T7500        | HEM-UC/T8500 |
| Max Torque       | 7500 Nm             | 8500 Nm      |
| Electric Motor   | 4.5 Kw              | 5.5 Kw       |
| Torque Operation | Electric / Joystick |              |
| Torque Settings  | Programmable        |              |

## SPROCKET PULLER

HE-SP SERIES



REDUCES  
LABOUR TIME



HEAVY-DUTY  
CONSTRUCTION



SAFER  
REPAIRS



CE & UKCA  
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### SPECIFICATIONS

| Model            | HE-SP 100T/E | HE-SP 100T/M |
|------------------|--------------|--------------|
| Pump             | Dual Control | Manual       |
| Capacity         | 100 Ton      | 100 Ton      |
| Working Pressure | 700          | 700          |
| Stroke           | 350          | 350          |
| Closed Height    | 605          | 605          |
| Arm Length       | 1000         | 1000         |
| Cylinder OD      | 180          | 180          |
| Cylinder Bore    | 140          | 140          |
| Ram              | 70           | 70           |
| Effective Area   | 153.9        | 153.9        |
| Weight           | 305          | 305          |

## WORKSHOP PRESS

HE-VP SERIES



REDUCES  
LABOUR TIME



HEAVY-DUTY  
CONSTRUCTION



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REPAIRS



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### SPECIFICATIONS

|                      |                                                                                       |
|----------------------|---------------------------------------------------------------------------------------|
| Capacity             | 15 -500 Tons                                                                          |
| Design               | Workshop Press                                                                        |
| Application          | Bearing, Sprocket, gear removal and fitment, Shaft straightening, general maintenance |
| Hydraulic Cylinder   | Double acting                                                                         |
| Power Pack           | Single stage 2 HP hydraulic power pack                                                |
| Control              | Hand lever operated directional control valve                                         |
| Standard Accessories | V-blocks (2), Ram adaptor (1), hand operated, winch for daylight adjustment           |
| Operation            | Controlled and precise                                                                |
| Use                  | Controlled and precise                                                                |

## PNEUMATIC TYRE PRESS

HTP-300-PN



REDUCES  
LABOUR TIME



HEAVY-DUTY  
CONSTRUCTION



SAFER  
REPAIRS



CE & UKCA  
CERTIFIED



### SPECIFICATIONS

|                            |                               |
|----------------------------|-------------------------------|
| Model                      | HTP-300-PN                    |
| Total Press Capacity       | 300 Ton                       |
| Working Pressure           | 240 bar                       |
| Maximum Working Pressure   | 275 bar                       |
| Main Cylinders             | 75 Ton x 4                    |
| Main Cylinder Stroke       | 1650 mm $\pm$ 5 mm            |
| Platform Cylinder Capacity | 19 Ton x 1                    |
| Platform Cylinder Stroke   | 3000 $\pm$ 5 mm               |
| Chuck Cylinders            | 5 Ton x 8                     |
| Chuck Cylinder Stroke      | 500 $\pm$ 5 mm                |
| Clamping Span              | 35" - 57" Wheel Assemblies    |
| Table Size                 | 4900 x 4500 mm                |
| Hydraulic Pump             | Double Discharge Vane Pump    |
| Flow Rate                  | 95 / 36 LPM                   |
| Oil Tank Capacity          | 300 Litres                    |
| Motor                      | 22 Kw (30 Hp)                 |
| Voltage                    | 380 - 410V, 3 Phase, 50/60 Hz |
| Approx. Weight             | 25 Ton                        |

## WORKSHOP PRESS

HTP SERIES



REDUCES  
LABOUR TIME



HEAVY-DUTY  
CONSTRUCTION



SAFER  
REPAIRS



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### SPECIFICATIONS

| Model        | HTP-100                            | HTP-200                             | HTP-300                |
|--------------|------------------------------------|-------------------------------------|------------------------|
| Capacity     | 100T                               | 200T                                | 300T                   |
| Construction | Fabricated H Frame                 | Fabricated H Frame                  | Fabricated H Frame     |
| Cylinders    | 1                                  | 1                                   | 1                      |
| Stroke       | 300 mm                             | 500 mm                              | 600 mm                 |
| Daylight Gap | 1000 mm                            | 1500 mm                             | 2000 mm                |
| Width        | 1700 mm                            | 2100 mm                             | 2650 mm                |
| Table Size   | 1500x1500 mm                       | 2200x2200 mm                        | 2200x2200 mm           |
| Moving Plate | Ø600mm (spider plate with spiders) | Ø1000mm (spider plate with spiders) | Ø1000mm (double-thick) |

# INDUSTRIAL JACK

## HE-VPS HEMS



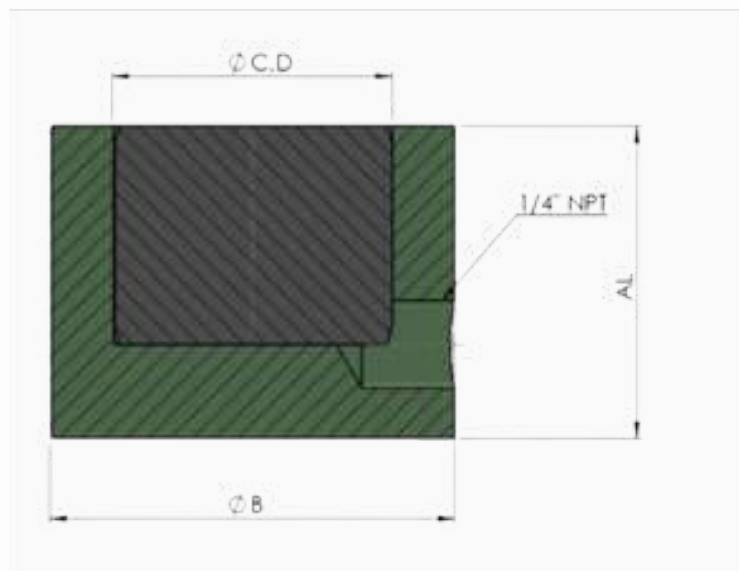
### VERY SMALL JACK – PLAIN RAM LOAD RETURN – SINGLE ACTING

#### ADVANTAGES / FEATURES

- Used in complex areas, low clearance areas.
- Compact Designed, Heat-treated alloy steel body for long life.
- High Pressure Working Oil Seals are used.
- Part Size 1/4" NPT for lower range, 3/8" NPT for higher range.
- Ideally suited for precision lifting, alignments of machinery, heavy structures and removal of pulleys/sprockets on taper seats.
- Ensure no gap between Jacks & Load to be lifted, to utilize full stroke of 10 mm.

#### NOTE:

- 1/2 mtr. length hose pipe with end fittings provided.
- Due to designed compact or complex there is no top nut to stop stroke limit of ram, someone has to monitor the stroke while lifting, since there would be a chance of ram come out from jack or cylinder, which would cause in a surprise accident and failure of jack. place rigid base below the jack.
- HE-VPS Series – HE: HEMS, V: Very small, P: Plain Rod, S: Single acting return, 10: Capacity – ton, 10: Stroke – mm



### SPECIFICATIONS

| Model         | "A" Close Height | Cap. in (kN) | Stroke in mm | Effective Area in cm <sup>2</sup> | Oil Cap in cc | "B" Cylinder OD | "C" Cyl Bore ID | "D" Ram Dia | wt. App in Kg |
|---------------|------------------|--------------|--------------|-----------------------------------|---------------|-----------------|-----------------|-------------|---------------|
| HE-VPS 20-10  | 35               | 218          | 10           | 31.2                              | 32            | 100.02          | 63              | 62.95       | 2.6           |
| HE-VPS 30-10  | 40               | 310          | 10           | 44.2                              | 44            | 110.02          | 75              | 74.95       | 3.7           |
| HE-VPS 50-10  | 50               | 551          | 10           | 78.5                              | 79            | 140.02          | 100             | 99.95       | 7.5           |
| HE-VPS 100-10 | 60               | 1078         | 10           | 153.9                             | 154           | 180.02          | 140             | 139.95      | 15.8          |
| HE-VPS 150-10 | 75               | 1590         | 10           | 227.0                             | 227           | 220.02          | 170             | 169.95      | 24.2          |
| HE-VPS 200-10 | 80               | 2200         | 10           | 314.2                             | 315           | 255.02          | 200             | 199.95      | 34.0          |
| HE-VPS 300-10 | 90               | 3167         | 10           | 452.2                             | 453           | 310.02          | 240             | 239.95      | 54.0          |

# INDUSTRIAL JACK

## HE-FS SERIES



### HEMS Flat Jack - Plain ram Spring Return - Single Acting

#### ADVANTAGES / FEATURES

- Compact & Flat design ideally / suited where Clearance is minimum for insertion of jack.
- Mounting Holes for easy xrturing
- Stacking plate to increase closed height is optional.
- Hard Chrome Plate Ram and Cylinder to resist scoring and corrosion.
- High Pressure working Oil Seals are used.
- Heavy equipment Lifting, Alignment & Clamping. Ensure no gap Between jack & Load to be lifted, to utilize full stroke.

#### NOTE:

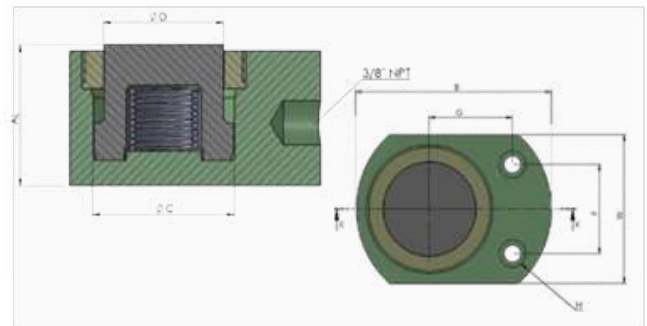
- Customized Tonnage and strokes are manufactured as per customer requirement.
- Capacity and Stroke specified are under safety factors.
- While using please read the instructions/manual.
- Use at 75% of rating as safe practice

#### SPECIFICATIONS

| Model          | Mounting Hole Location (in mm) |     |               |
|----------------|--------------------------------|-----|---------------|
|                | "F"                            | "G" | Thru Hole "H" |
| HE-FS 20 - 12  | 50                             | 40  | 8.5           |
| HE-FS 30 - 12  | 55                             | 45  | 10.5          |
| HE-FS 50 - 16  | 75                             | 55  | 11            |
| HE-FS 75 - 16  | 85                             | 70  | 13            |
| HE-FS 100 - 16 | 90                             | 80  | 13            |
| HE-FS 150 - 16 | 110                            | 95  | 13            |
| HE-FS 200 - 16 | 130                            | 105 | 17            |

#### SPECIFICATIONS

| Model        | "A" Close Height | Cap. in kN | Stroke in mm | Effective Area in cm <sup>2</sup> | Oil Cap in cc | "B" Cylinder OD | "W" A/F in mm | "C" Cyl Bore ID | "D" Rod Dia | wt. App in Kg |
|--------------|------------------|------------|--------------|-----------------------------------|---------------|-----------------|---------------|-----------------|-------------|---------------|
| HE-FS 20-12  | 55               | 217        | 12           | 31.2                              | 21.0          | 100.02          | 80.02         | 63              | 50.02       | 3.5           |
| HE-FS 30-12  | 58               | 310        | 12           | 44.2                              | 51.0          | 115.02          | 95.02         | 75              | 60.02       | 4.6           |
| HE-FS 50-12  | 65               | 551        | 16           | 78.2                              | 126.2         | 140.02          | 120.02        | 100             | 70.02       | 6.2           |
| HE-FS 75-12  | 80               | 794        | 16           | 113.1                             | 180.4         | 175.02          | 145.02        | 120             | 85.02       | 11.8          |
| HE-FS 100-12 | 85               | 1078       | 16           | 153.9                             | 247.3         | 190.02          | 165.02        | 140             | 100.02      | 15.1          |
| HE-FS 150-12 | 100              | 1590       | 16           | 227.0                             | 363.0         | 230.02          | 205.02        | 170             | 120.02      | 27.0          |
| HE-FS 200-12 | 115              | 2200       | 16           | 304.2                             | 454.0         | 454.0           | 230.02        | 190             | 140.02      | 40.7          |



# INDUSTRIAL JACK

## HE-LS SERIES

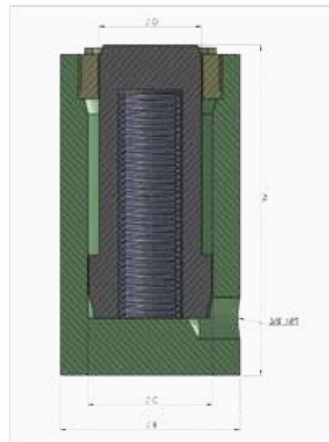


### APPLICATION

PLS Series P - L These Jacks are designed specially where space is a constraint Ideally used. Where no other Jack will at for lift, lowering, spreading of structures, bridges, heavy machinery etc.

### ADVANTAGES / FEATURES

- Compact design, heat treated alloy steel for better life.
- Ram Hard chrome-plated to resist scoring & corrosion.
- These jacks are designed septically where space is a constraint.
- Ideally used where no other cylinders will at for lifting.
- Grooved ram ends to support load at the midpoint.
- High pressure oil seals to increase long life. Ram wiper protects cylinder from entering dirt & foreign material which extends cylinder.
- Bottom holes for mounting, which help easy to ox anywhere are provided upon request.
- Connection Port size 3/8" NPT.



### NOTE:

- Capacity and Stroke specified are under safety factors.
- Customized Tonnage and Strokes are manufactured as per customer requirement.
- While using please read the instructions/manual.
- Use at 75% of rating as safe practice.



### SPECIFICATIONS

| Model        | "A" Close Height | Cap. in (kN) | Stroke in mm | Effective Area in Cm2 | Oil Cap in cc | "B" Cylinder OD | "C" Cyl Bore ID | "D" Rod Dia | wt. App in Kg |
|--------------|------------------|--------------|--------------|-----------------------|---------------|-----------------|-----------------|-------------|---------------|
| HE-LS 20-50  | 110              | 217          | 50           | 31.2                  | 160.2         | 90.02           | 63              | 49.95       | 4.9           |
| HE-LS 30-50  | 110              | 310          | 60           | 44.2                  | 221.1         | 100.02          | 75              | 59.95       | 6.2           |
| HE-LS 50-60  | 122              | 551          | 60           | 78.2                  | 472.0         | 130.02          | 100             | 79.95       | 11            |
| HE-LS 75-60  | 138              | 792          | 60           | 113.1                 | 679.2         | 155.02          | 120             | 94.95       | 18.4          |
| HE-LS 100-60 | 142              | 1078         | 60           | 153.9                 | 925.2         | 180.02          | 140             | 109.95      | 23.6          |
| HE-LS 150-60 | 175              | 1590         | 60           | 227.0                 | 1362.0        | 220.02          | 170             | 139.95      | 43            |
| HE-LS 200-60 | 200              | 2200         | 60           | 314.2                 | 1885.1        | 255.02          | 200             | 159.95      | 66            |

# INDUSTRIAL JACK

## HE-PS SERIES



REDUCES  
LABOUR TIME



PORTABLE  
DESIGN



SAFER  
REPAIRS



CE UK  
CERTIFIED  
CE & UKCA  
CERTIFIED

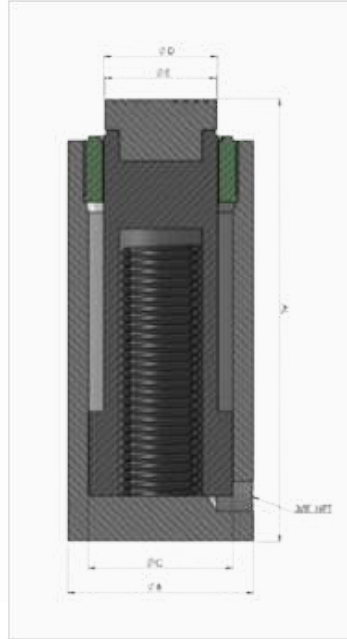
### HEMS General Jack - Plain ram Spring Return - Single Acting

#### Application

Maintenance, positioning, bending, pressing, and production at construction sites, shipyards, power plants, etc.

#### Advantages/Features

- Multipurpose jack used in horizontal and vertical positions.
- Hard chrome-plated ram and high-pressure long-life seals.
- Ram wiper for cylinder protection.
- Optional bottom mounting holes, collar threading, and tilting saddle.



### SPECIFICATIONS

| Model        | "A" Close Height | Cap. in (kN) | Stroke in mm | Effective Area in Cm2 | Oil Cap in cc | "B" Cylinder OD | "C" Cyl Bore ID | "D" Rod Dia | "E" Saddle Dia | wt. App in Kg |
|--------------|------------------|--------------|--------------|-----------------------|---------------|-----------------|-----------------|-------------|----------------|---------------|
| HE-PS 20-100 | 210              | 217          | 100          | 31.2                  | 314           | 85.02           | 63              | 50.02       | 50             | 6.7           |
| HE-PS 20-150 | 260              | 217          | 150          | 31.2                  | 470           | 85.02           | 63              | 50.02       | 50             | 8.2           |
| HE-PS 25-100 | 220              | 270          | 100          | 38.2                  | 387           | 95.02           | 70              | 55.02       | 55             | 9.0           |
| HE-PS 25-150 | 270              | 270          | 150          | 38.2                  | 579           | 95.02           | 70              | 55.02       | 55             | 10.8          |
| HE-PS 30-100 | 220              | 310          | 100          | 44.2                  | 444           | 105.02          | 75              | 60.02       | 60             | 11.4          |
| HE-PS 30-150 | 270              | 310          | 150          | 44.2                  | 665           | 105.02          | 75              | 60.02       | 60             | 13.7          |
| HE-PS 50-100 | 235              | 550          | 100          | 78.5                  | 787           | 135.02          | 100             | 80.02       | 80             | 20.6          |
| HE-PS 50-150 | 285              | 550          | 150          | 78.5                  | 1180          | 135.02          | 100             | 80.02       | 80             | 24.6          |

## INDUSTRIAL JACK

### HE-PS SERIES



REDUCES  
LABOUR TIME



PORTABLE  
DESIGN



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HEMS general jack-plain ram  
Spring return-single acting

### SPECIFICATIONS

| Model         | "A" Close Height | Cap. in (kN) | Stroke in mm | Effective Area in Cm <sup>2</sup> | Oil Cap in cc | "B" Cylinder OD | "C" Cylinder Bore ID | "D" Rod Dia | "E" Saddle Dia | wt. App in Kg |
|---------------|------------------|--------------|--------------|-----------------------------------|---------------|-----------------|----------------------|-------------|----------------|---------------|
| HE-PS 75-100  | 250              | 793          | 100          | 113.1                             | 1133          | 156.02          | 120                  | 95.02       | 95             | 29.8          |
| HE-PS 75-150  | 300              | 793          | 150          | 113.1                             | 1696          | 156.02          | 120                  | 95.02       | 95             | 35.2          |
| HE-PS 100-100 | 265              | 1077         | 100          | 153.9                             | 1542          | 185.02          | 140                  | 110.02      | 110            | 40.9          |
| HE-PS 100-150 | 315              | 1077         | 150          | 153.9                             | 2313          | 185.02          | 140                  | 110.02      | 110            | 48.2          |
| HE-PS 150-100 | 275              | 1589         | 100          | 227.0                             | 2275          | 225.02          | 170                  | 140.02      | 140            | 65.6          |
| HE-PS 150-150 | 325              | 1589         | 150          | 227.0                             | 3410          | 225.02          | 170                  | 140.02      | 140            | 77.2          |
| HE-PS 200-100 | 290              | 2200         | 100          | 314.2                             | 3145          | 258.02          | 200                  | 160.02      | 158            | 91.6          |
| HE-PS 200-150 | 340              | 2200         | 150          | 314.2                             | 4712          | 258.02          | 200                  | 160.02      | 158            | 106.5         |
| HE-PS 250-100 | 295              | 2661         | 100          | 380.1                             | 3820          | 285.02          | 220                  | 180.02      | 180            | 114           |
| HE-PS 250-150 | 345              | 2661         | 150          | 380.1                             | 5710          | 285.02          | 220                  | 180.02      | 180            | 133           |
| HE-PS 300-100 | 310              | 3167         | 100          | 452.4                             | 4535          | 315.02          | 240                  | 200.02      | 195            | 148.9         |
| HE-PS 300-150 | 360              | 3167         | 150          | 452.4                             | 6795          | 315.02          | 240                  | 200.02      | 195            | 172           |
| HE-PS 400-100 | 330              | 4008         | 100          | 572.6                             | 5734          | 355.02          | 270                  | 220.02      | 205            | 209           |
| HE-PS 400-150 | 380              | 4008         | 150          | 572.6                             | 8588          | 355.02          | 270                  | 220.02      | 205            | 240           |
| HE-PS 500-100 | 350              | 4948         | 100          | 706.9                             | 7069          | 400.02          | 300                  | 250.02      | 230            | 270           |
| HE-PS 500-150 | 400              | 4948         | 150          | 706.9                             | 10630         | 400.02          | 300                  | 250.02      | 230            | 300           |

## INDUSTRIAL JACK

### HE-PS-T SERIES



REDUCES  
LABOUR TIME



PORTABLE  
DESIGN



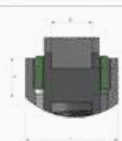
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### SPECIFICATIONS

| Model       | "G" Ram Internal Threading | "H" Threading Depth | "J" Collar Threading | "K" C T Length | "M" Bottom Mounting Holes & PCD | "M" Bottom Threading Size | Threaded Depth |
|-------------|----------------------------|---------------------|----------------------|----------------|---------------------------------|---------------------------|----------------|
| HE-PS-T 20  | M22 X 2P                   | 25                  | M80 X 2P             | 35             | 55 X 2                          | M8                        | 16             |
| HE-PS-T 25  | M24 X 2P                   | 25                  | M90 X 2P             | 40             | 60 X 2                          | M10                       | 16             |
| HE-PS-T 30  | M30 X 2P                   | 25                  | M100 X 2P            | 40             | 65 X 2                          | M10                       | 16             |
| HE-PS-T 50  | M42 X 2P                   | 25                  | M130 X 2P            | 40             | 90 X 2                          | M10                       | 16             |
| HE-PS-T 75  | M48 X 2P                   | 25                  | M155 X 2P            | 40             | 110 X 2                         | M10                       | 16             |
| HE-PS-T 100 | M48 X 2P                   | 25                  | M180 X 2P            | 40             | 125 X 4                         | M10                       | 16             |
| HE-PS-T 150 | M82 X 2P                   | 25                  | M220 X 2P            | 50             | 150 X 4                         | M16                       | 18             |
| HE-PS-T 200 | M90 X 2P                   | 25                  | M225 X 2P            | 50             | 180 X 2                         | M16                       | 22             |



# INDUSTRIAL JACK

## HE-PS-S SERIES



REDUCES  
LABOUR TIME



PORTABLE  
DESIGN



SAFER  
REPAIRS



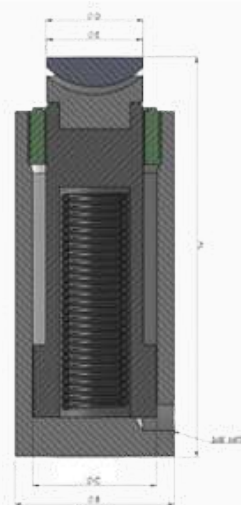
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### ADVANTAGES/FEATURES

- Heat treated alloy steel body for better life.
- Multipurpose Jack Used Horizontal & Vertical position.
- Maintenance, Fabrication, Construction, Heavy Industries, Power & Process Plants, Sugar Factories, Cement Factories, etc.
- Hard chrome-plated ram to resist scoring & corrosion.
- Single acting, spring return for smooth return.
- High-pressure long-life seals. Ram wiper protects dirt & foreign material entering cylinder which extends cylinder life.
- Bottom mounting holes, collar threading & tilting saddle are provided on request.
- Connection Port size 3/8-inch NPT.
- Refer Power Pack Page for more details.

### APPLICATION

These jacks are an excellent choice for maintenance, positioning bending, pressing, and production application. Ideal for a wide range of applications at Construction sites, Automobile, Shipyard, Mills, Railway workshops, Power plants and Industrial maintenance.



### SPECIFICATIONS

| Model           | "A" Close Height | Cap. in (kN) | Stroke in mm | Effective Area in Cm <sup>2</sup> | Oil Cap in cc | "B" Cylinder OD | "C" Cylinder Bore ID | "D" Rod Dia | "E" Saddle Dia | wt. App in Kg |
|-----------------|------------------|--------------|--------------|-----------------------------------|---------------|-----------------|----------------------|-------------|----------------|---------------|
| HE-PS-S 20-100  | 220              | 217          | 100          | 31.2                              | 314           | 85.02           | 63                   | 50.02       | 50             | 6.7           |
| HE-PS-S 20-150  | 270              | 217          | 150          | 31.2                              | 470           | 85.02           | 63                   | 50.02       | 50             | 8.2           |
| HE-PS-S 25-100  | 230              | 270          | 100          | 38.5                              | 387           | 95.02           | 70                   | 55.02       | 55             | 9.0           |
| HE-PS-S 25-150  | 280              | 270          | 150          | 38.5                              | 579           | 95.02           | 70                   | 55.02       | 55             | 10.8          |
| HE-PS-S 30-100  | 235              | 310          | 100          | 44.2                              | 444           | 105.02          | 75                   | 60.02       | 60             | 11.4          |
| HE-PS-S 30-150  | 285              | 310          | 150          | 44.2                              | 665           | 105.02          | 75                   | 60.02       | 60             | 13.7          |
| HE-PS-S 50-100  | 250              | 550          | 100          | 78.5                              | 787           | 135.02          | 100                  | 80.02       | 80             | 20.6          |
| HE-PS-S 50-150  | 300              | 550          | 150          | 78.5                              | 1180          | 135.02          | 100                  | 80.02       | 80             | 24.6          |
| HE-PS-S 75-100  | 265              | 793          | 100          | 113.1                             | 1133          | 156.02          | 120                  | 95.02       | 95             | 29.8          |
| HE-PS-S 75-150  | 315              | 793          | 150          | 113.1                             | 1696          | 156.02          | 120                  | 95.02       | 95             | 35.2          |
| HE-PS-S 100-100 | 265              | 1077         | 100          | 153.9                             | 1542          | 185.02          | 140                  | 110.02      | 110            | 40.9          |
| HE-PS-S 100-150 | 315              | 1077         | 150          | 153.9                             | 2313          | 185.02          | 140                  | 110.02      | 110            | 48.2          |
| HE-PS-S 150-100 | 285              | 1589         | 100          | 227.0                             | 2275          | 225.02          | 170                  | 140.02      | 140            | 65.6          |
| HE-PS-S 150-150 | 335              | 1589         | 150          | 227.0                             | 3410          | 225.02          | 170                  | 140.02      | 140            | 77.2          |
| HE-PS-S 200-100 | 305              | 2200         | 100          | 314.2                             | 3415          | 258.02          | 200                  | 160.02      | 158            | 91.6          |
| HE-PS-S 200-150 | 355              | 2200         | 150          | 314.2                             | 4712          | 258.02          | 200                  | 160.02      | 158            | 106.5         |
| HE-PS-S 250-100 | 315              | 2661         | 100          | 380.1                             | 3820          | 285.02          | 220                  | 180.02      | 180            | 114           |
| HE-PS-S 250-150 | 365              | 2661         | 150          | 380.1                             | 5710          | 285.02          | 220                  | 180.02      | 180            | 133           |
| HE-PS-S 300-100 | 335              | 3167         | 100          | 452.4                             | 4535          | 315.02          | 240                  | 200.02      | 195            | 148.9         |
| HE-PS-S 300-150 | 395              | 3167         | 150          | 452.4                             | 6795          | 315.02          | 240                  | 200.02      | 195            | 172           |
| HE-PS-S 400-100 | 370              | 4008         | 100          | 572.6                             | 5734          | 355.02          | 270                  | 220.02      | 205            | 209           |
| HE-PS-S 400-150 | 420              | 4008         | 150          | 572.6                             | 8588          | 355.02          | 270                  | 220.02      | 205            | 240           |
| HE-PS-S 500-150 | 380              | 4948         | 150          | 706.9                             | 10630         | 400.02          | 300                  | 250.02      | 230            | 335.5         |
| HE-PS-S 500-200 | 430              | 4948         | 200          | 706.9                             | 14137         | 400.02          | 300                  | 250.02      | 230            | 376           |

# INDUSTRIAL JACK

## HE-PL SERIES



**REDUCES  
LABOUR TIME**



## PORTABLE DESIGN



## SAFER REPAIRS

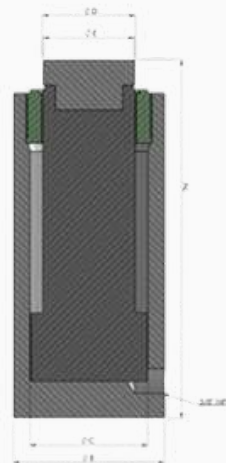


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### FEATURES /ADVANTAGES

- Load return. Single acting, Plain Ram.
- Cylinder is honed to a surface finish of 0.5 microns.
- Alloy steel heat treated.
- At the bottom holes are provided to Fix.
- High pressure oil seals for better life. Ram wiper protects entering dirt and foreign material into the cylinder which extends cylinder life.
- Long lifting handles are provided for easy lifting at site.
- Connection Port 3/8" NPT.



## SPECIFICATIONS

| Model          | “A” Close Height | Cap. in (kN) | Stroke in mm | Effective Area in Cm2 | Oil Cap in cc | “B” Cylinder OD | “C” Cylinder Bore ID | “D” Rod Dia | “E” Saddle Dia | wt. App in Kg |
|----------------|------------------|--------------|--------------|-----------------------|---------------|-----------------|----------------------|-------------|----------------|---------------|
| HE-PL 20-100   | 210              | 217          | 100          | 31.2                  | 314           | 85.02           | 63                   | 50.02       | 50             | 6.7           |
| HE-PL 20-150   | 260              | 217          | 150          | 31.2                  | 470           | 85.02           | 63                   | 50.02       | 50             | 8.2           |
| HE-PL 25-100   | 220              | 270          | 100          | 38.5                  | 387           | 95.02           | 70                   | 55.02       | 55             | 9.0           |
| HE-PL 25-150   | 270              | 270          | 150          | 38.5                  | 579           | 95.02           | 70                   | 55.02       | 55             | 10.8          |
| HE-PL 30-100   | 220              | 310          | 100          | 44.2                  | 444           | 105.02          | 75                   | 60.02       | 60             | 11.4          |
| HE-PL 30-150   | 270              | 310          | 150          | 44.2                  | 665           | 105.02          | 75                   | 60.02       | 60             | 13.7          |
| HE-PL 50-100   | 235              | 550          | 100          | 78.5                  | 787           | 135.02          | 100                  | 80.02       | 80             | 20.6          |
| HE-PL 50-150   | 285              | 550          | 150          | 78.5                  | 1180          | 135.02          | 100                  | 80.02       | 80             | 24.6          |
| HE-PL 75-100   | 250              | 793          | 100          | 113.1                 | 1133          | 156.02          | 120                  | 95.02       | 95             | 29.8          |
| HE-PL 75-150   | 300              | 793          | 150          | 113.1                 | 1696          | 156.02          | 120                  | 95.02       | 95             | 35.2          |
| HE-PL 100-100  | 265              | 1077         | 100          | 153.9                 | 1542          | 185.02          | 140                  | 110.02      | 110            | 40.9          |
| HE-PL 100-150  | 315              | 1077         | 150          | 153.9                 | 2313          | 185.02          | 140                  | 110.02      | 110            | 48.2          |
| HE-PL 150-100  | 275              | 1589         | 100          | 227.0                 | 2275          | 225.02          | 170                  | 140.02      | 140            | 65.6          |
| HE-PL 150-150  | 325              | 1589         | 150          | 227.0                 | 3410          | 225.02          | 170                  | 140.02      | 140            | 77.2          |
| HE-PL 200-100  | 290              | 2200         | 100          | 314.2                 | 3145          | 258.02          | 200                  | 160.02      | 158            | 91.6          |
| HE-PL 200-150  | 340              | 2200         | 150          | 314.2                 | 4712          | 258.02          | 200                  | 160.02      | 158            | 106.5         |
| HE-PL 250-100  | 295              | 2661         | 100          | 380.1                 | 3820          | 285.02          | 220                  | 180.02      | 180            | 114           |
| HE-PL 250-150  | 345              | 2661         | 150          | 380.1                 | 5710          | 285.02          | 220                  | 180.02      | 180            | 133           |
| HE-PL 300-100  | 310              | 3167         | 100          | 452.4                 | 4535          | 315.02          | 240                  | 200.02      | 195            | 148.9         |
| HE-PL 300-150  | 360              | 3167         | 150          | 452.4                 | 6795          | 315.02          | 240                  | 200.02      | 195            | 172           |
| HE-PL 400-100  | 330              | 4008         | 100          | 572.6                 | 5734          | 355.02          | 270                  | 220.02      | 205            | 209           |
| HE-PL 400-150  | 380              | 4008         | 150          | 572.6                 | 8588          | 355.02          | 270                  | 220.02      | 205            | 240           |
| HE-PL 500-100  | 350              | 4948         | 100          | 706.9                 | 7069          | 400.02          | 300                  | 250.02      | 230            | 207           |
| HE-PL 500-150  | 400              | 4948         | 150          | 706.9                 | 10630         | 400.02          | 300                  | 250.02      | 230            | 300           |
| HE-PL 600-100  | 400              | 5987         | 100          | 855.3                 | 855.3         | 430.02          | 330                  | 275.02      | 260            | 365           |
| HE-PL 600-150  | 450              | 5987         | 150          | 855.3                 | 8553          | 430.02          | 330                  | 275.02      | 260            | 412           |
| HE-PL 800-100  | 410              | 7938         | 100          | 1134.1                | 11341         | 505.02          | 380                  | 310.02      | 290            | 540           |
| HE-PL 800-150  | 460              | 7938         | 150          | 1134.1                | 17012         | 505.02          | 380                  | 310.02      | 290            | 610           |
| HE-PL 1000-100 | 540              | 9929         | 100          | 1418.6                | 14186         | 560.02          | 425                  | 350.02      | 330            | 729           |
| HE-PL 1000-150 | 590              | 9929         | 150          | 1418.6                | 21279         | 560.02          | 425                  | 350.02      | 330            | 809           |

# INDUSTRIAL JACK

## HE-PS-ST SERIES



REDUCES  
LABOUR TIME



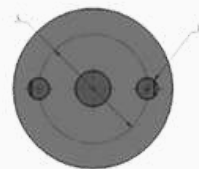
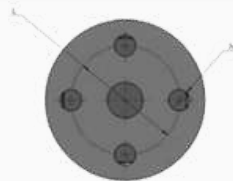
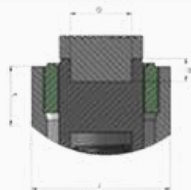
PORTABLE  
DESIGN



SAFER  
REPAIRS



CE & UKCA  
CERTIFIED



### SPECIFICATIONS

| Model        | "G" Ram Internal Threading | "H" Threading Depth | "J" Collar Threading | "K" C T Length | "L" Bottom Mounting Holes & PCD | "M" Bottom Threading Size | Threaded Depth |
|--------------|----------------------------|---------------------|----------------------|----------------|---------------------------------|---------------------------|----------------|
| HE-PS-ST 20  | M22 X 2P                   | 25                  | M80 x 2P             | 35             | 55 X 2                          | M8                        | 12             |
| HE-PS-ST 25  | M24 X 2P                   | 25                  | M90 x 2P             | 40             | 60 X 2                          | M10                       | 16             |
| HE-PS-ST 30  | M30 X 2P                   | 25                  | M100 x 2P            | 40             | 65 X 2                          | M10                       | 16             |
| HE-PS-ST 50  | M42 X 2P                   | 25                  | M130 x 2P            | 40             | 90 X 2                          | M10                       | 16             |
| HE-PS-ST 75  | M48 X 2P                   | 25                  | M155 x 2P            | 40             | 110 X 2                         | M10                       | 16             |
| HE-PS-ST 100 | M48 X 2P                   | 25                  | M180 x 2P            | 40             | 125 X 4                         | M12                       | 16             |
| HE-PS-ST 150 | M82 X 2P                   | 25                  | M220 x 2P            | 50             | 150 X 4                         | M16                       | 18             |
| HE-PS-ST 200 | M90 X 2P                   | 25                  | M255 x 2P            | 50             | 180 X 2                         | M16                       | 22             |

# INDUSTRIAL JACK

## HE-PL SERIES



**REDUCES  
LABOUR TIME**



## PORTABLE DESIGN



## SAFER REPAIRS

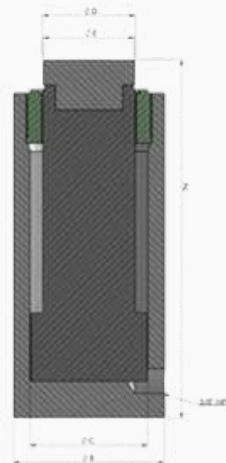


**CERTIFIED**

CE & UKCA  
CERTIFIED

### FEATURES /ADVANTAGES

- Load return. Single acting, Plain Ram.
- Cylinder is honed to a surface finish of 0.5 microns.
- Alloy steel heat treated.
- At the bottom holes are provided to Fix.
- High pressure oil seals for better life. Ram wiper protects entering dirt and foreign material into the cylinder which extends cylinder life.
- Long lifting handles are provided for easy lifting at site.
- Connection Port 3/8" NPT.



## SPECIFICATIONS

| Model          | “A” Close Height | Cap. in (kN) | Stroke in mm | Effective Area in Cm2 | Oil Cap in cc | “B” Cylinder OD | “C” Cylinder Bore ID | “D” Rod Dia | “E” Saddle Dia | wt. App in Kg |
|----------------|------------------|--------------|--------------|-----------------------|---------------|-----------------|----------------------|-------------|----------------|---------------|
| HE-PL 20-100   | 210              | 217          | 100          | 31.2                  | 314           | 85.02           | 63                   | 50.02       | 50             | 6.7           |
| HE-PL 20-150   | 260              | 217          | 150          | 31.2                  | 470           | 85.02           | 63                   | 50.02       | 50             | 8.2           |
| HE-PL 25-100   | 220              | 270          | 100          | 38.5                  | 387           | 95.02           | 70                   | 55.02       | 55             | 9.0           |
| HE-PL 25-150   | 270              | 270          | 150          | 38.5                  | 579           | 95.02           | 70                   | 55.02       | 55             | 10.8          |
| HE-PL 30-100   | 220              | 310          | 100          | 44.2                  | 444           | 105.02          | 75                   | 60.02       | 60             | 11.4          |
| HE-PL 30-150   | 270              | 310          | 150          | 44.2                  | 665           | 105.02          | 75                   | 60.02       | 60             | 13.7          |
| HE-PL 50-100   | 235              | 550          | 100          | 78.5                  | 787           | 135.02          | 100                  | 80.02       | 80             | 20.6          |
| HE-PL 50-150   | 285              | 550          | 150          | 78.5                  | 1180          | 135.02          | 100                  | 80.02       | 80             | 24.6          |
| HE-PL 75-100   | 250              | 793          | 100          | 113.1                 | 1133          | 156.02          | 120                  | 95.02       | 95             | 29.8          |
| HE-PL 75-150   | 300              | 793          | 150          | 113.1                 | 1696          | 156.02          | 120                  | 95.02       | 95             | 35.2          |
| HE-PL 100-100  | 265              | 1077         | 100          | 153.9                 | 1542          | 185.02          | 140                  | 110.02      | 110            | 40.9          |
| HE-PL 100-150  | 315              | 1077         | 150          | 153.9                 | 2313          | 185.02          | 140                  | 110.02      | 110            | 48.2          |
| HE-PL 150-100  | 275              | 1589         | 100          | 227.0                 | 2275          | 225.02          | 170                  | 140.02      | 140            | 65.6          |
| HE-PL 150-150  | 325              | 1589         | 150          | 227.0                 | 3410          | 225.02          | 170                  | 140.02      | 140            | 77.2          |
| HE-PL 200-100  | 290              | 2200         | 100          | 314.2                 | 3145          | 258.02          | 200                  | 160.02      | 158            | 91.6          |
| HE-PL 200-150  | 340              | 2200         | 150          | 314.2                 | 4712          | 258.02          | 200                  | 160.02      | 158            | 106.5         |
| HE-PL 250-100  | 295              | 2661         | 100          | 380.1                 | 3820          | 285.02          | 220                  | 180.02      | 180            | 114           |
| HE-PL 250-150  | 345              | 2661         | 150          | 380.1                 | 5710          | 285.02          | 220                  | 180.02      | 180            | 133           |
| HE-PL 300-100  | 310              | 3167         | 100          | 452.4                 | 4535          | 315.02          | 240                  | 200.02      | 195            | 148.9         |
| HE-PL 300-150  | 360              | 3167         | 150          | 452.4                 | 6795          | 315.02          | 240                  | 200.02      | 195            | 172           |
| HE-PL 400-100  | 330              | 4008         | 100          | 572.6                 | 5734          | 355.02          | 270                  | 220.02      | 205            | 209           |
| HE-PL 400-150  | 380              | 4008         | 150          | 572.6                 | 8588          | 355.02          | 270                  | 220.02      | 205            | 240           |
| HE-PL 500-100  | 350              | 4948         | 100          | 706.9                 | 7069          | 400.02          | 300                  | 250.02      | 230            | 207           |
| HE-PL 500-150  | 400              | 4948         | 150          | 706.9                 | 10630         | 400.02          | 300                  | 250.02      | 230            | 300           |
| HE-PL 600-100  | 400              | 5987         | 100          | 855.3                 | 855.3         | 430.02          | 330                  | 275.02      | 260            | 365           |
| HE-PL 600-150  | 450              | 5987         | 150          | 855.3                 | 8553          | 430.02          | 330                  | 275.02      | 260            | 412           |
| HE-PL 800-100  | 410              | 7938         | 100          | 1134.1                | 11341         | 505.02          | 380                  | 310.02      | 290            | 540           |
| HE-PL 800-150  | 460              | 7938         | 150          | 1134.1                | 17012         | 505.02          | 380                  | 310.02      | 290            | 610           |
| HE-PL 1000-100 | 540              | 9929         | 100          | 1418.6                | 14186         | 560.02          | 425                  | 350.02      | 330            | 729           |
| HE-PL 1000-150 | 590              | 9929         | 150          | 1418.6                | 21279         | 560.02          | 425                  | 350.02      | 330            | 809           |

# INDUSTRIAL JACK

## HE-PD SERIES



REDUCES  
LABOUR TIME



PORTABLE  
DESIGN



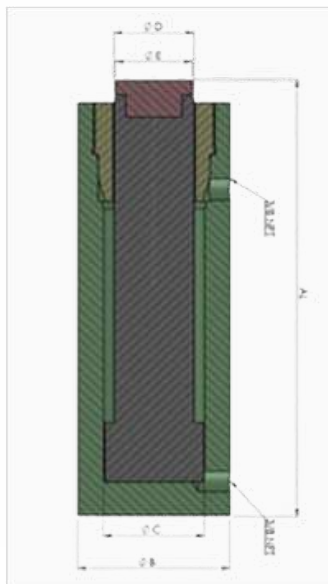
SAFER  
REPAIRS



CE & UKCA  
CERTIFIED

### FEATURES /ADVANTAGES

- Alloy steel body for better life.
- Hard chrome-plated ram to resist scoring & corrosion.
- Ideal for heavy duty application.
- Suit general lifting & push pull applications.
- High-pressure long-life seals. Ram wiper protects inner cylinder from dirt which extends cylinder life.
- Relief valve protects against over pressurizing.
- Bottom mounting holes, collar threading are provided on request.
- Connection Port size 3/8-inch NPT.
- Available in custom strokes also.



### SPECIFICATIONS

| Model         | "A" Close Height | Cap. in (kN) | Stroke in mm | Area in Cm2 | Oil Cap in cc | "B" Cylinder OD | "C" Cylinder Bore ID | "D" Rod Dia | "E" Saddle Dia | wt. App in Kg |
|---------------|------------------|--------------|--------------|-------------|---------------|-----------------|----------------------|-------------|----------------|---------------|
| HE-PD 20-150  | 310              | 217          | 150          | 31.2        | 468           | 97.02           | 63                   | 50          | 48             | 14            |
| HE-PD 25-150  | 315              | 270          | 150          | 38.5        | 577           | 97.02           | 70                   | 55          | 53             | 14.3          |
| HE-PD 30-150  | 320              | 310          | 150          | 44.2        | 663           | 105.02          | 75                   | 55          | 53             | 15.6          |
| HE-PD 50-150  | 330              | 550          | 150          | 78.5        | 1178          | 135.02          | 100                  | 70          | 67             | 26.3          |
| HE-PD 75-150  | 340              | 793          | 150          | 113.1       | 1696          | 155.02          | 120                  | 90          | 87             | 38.5          |
| HE-PD 100-150 | 350              | 1077         | 150          | 153.9       | 2309          | 185.02          | 140                  | 110         | 106            | 53.5          |
| HE-PD 150-150 | 360              | 1589         | 150          | 227.0       | 3405          | 218.02          | 170                  | 140         | 137            | 84            |
| HE-PD 200-150 | 380              | 2200         | 150          | 314.2       | 4712          | 255.02          | 200                  | 150         | 146            | 116           |
| HE-PD 250-150 | 390              | 2661         | 150          | 380.1       | 5702          | 280.02          | 220                  | 180         | 177            | 148           |
| HE-PD 300-150 | 415              | 3167         | 150          | 452.4       | 6786          | 310.02          | 240                  | 180         | 177            | 181           |
| HE-PD 400-150 | 435              | 4008         | 150          | 572.6       | 8588          | 350.02          | 270                  | 220         | 216            | 225           |
| HE-PD 500-150 | 475              | 4948         | 150          | 706.9       | 9990          | 400.02          | 300                  | 250         | 240            | 445           |

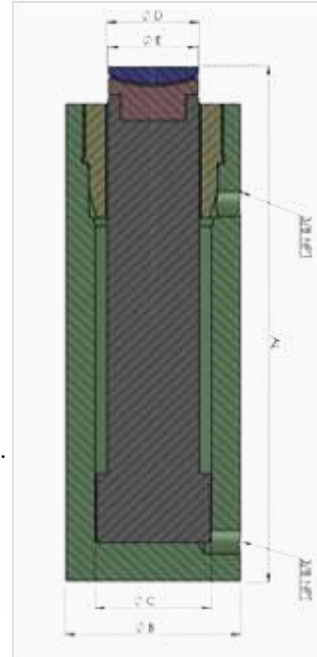
# INDUSTRIAL JACK

## HE-PD-S SERIES



### FEATURES /ADVANTAGES

- Alloy steel body for better life.
- Hard chrome-plated ram to resist scoring & corrosion.
- Ideal for heavy duty application. 0
- Spherical saddle tilt angle max 5
- High-pressure long-life Oil seals. Ram wipers protect sinner cylinder from dirt. which extends cylinder life.
- Relief valve protects against over pressurizing while in return position.
- Bottom mounting holes, collar threading are provided on request.
- Grooved Sph. Saddle for Adequate Gripping.



### SPECIFICATIONS

| Model            | "A" Close Height | Cap. in (kN) | Stroke in mm | Area in Cm2 | Oil Cap in cc | "B" Cylinder OD | "C" Cylinder Bore ID | "D" Rod Dia | "E" Saddle Dia | wt. App in Kg |
|------------------|------------------|--------------|--------------|-------------|---------------|-----------------|----------------------|-------------|----------------|---------------|
| HE-PD-S 20-150   | 340              | 217          | 150          | 31.2        | 468           | 97.02           | 63                   | 50          | 48             | 14            |
| HE-PD-S 25-150   | 345              | 270          | 150          | 38.5        | 577           | 97.02           | 70                   | 55          | 53             | 14.3          |
| HE-PD-S 30-150   | 350              | 310          | 150          | 44.2        | 663           | 105.02          | 75                   | 55          | 53             | 15.6          |
| HE-PD-S 50-150   | 360              | 550          | 150          | 78.5        | 1178          | 135.02          | 100                  | 70          | 67             | 26.3          |
| HE-PD-S 75-150   | 370              | 793          | 150          | 113.1       | 1696          | 155.02          | 120                  | 90          | 87             | 38.5          |
| HE-PD-S 100-150  | 390              | 1077         | 150          | 153.9       | 2309          | 185.02          | 140                  | 110         | 106            | 53.5          |
| HE-PD-S 150-150  | 410              | 1589         | 150          | 227.0       | 3405          | 218.02          | 170                  | 140         | 137            | 84            |
| HE-PD-S 200-150  | 420              | 2200         | 150          | 314.2       | 4712          | 255.02          | 200                  | 150         | 146            | 116           |
| HE-PD-S 250-150  | 430              | 2661         | 150          | 380.1       | 5702          | 280.02          | 220                  | 180         | 177            | 148           |
| HE-PD-S 300-150  | 450              | 3167         | 150          | 452.4       | 6786          | 310.02          | 240                  | 180         | 177            | 181           |
| HE-PD-S 400-150  | 480              | 4008         | 150          | 572.6       | 8588          | 350.02          | 270                  | 220         | 216            | 255           |
| HE-PD-S 500-150  | 500              | 4948         | 150          | 706.9       | 10603         | 400.02          | 300                  | 250         | 240            | 370           |
| HE-PD-S 600-150  | 540              | 5987         | 150          | 855.3       | 12829         | 430.02          | 330                  | 270         | 260            | 460           |
| HE-PD-S 800-150  | 600              | 7938         | 150          | 1134.1      | 17012         | 505.02          | 380                  | 300         | 290            | 660           |
| HE-PD-S 1000-150 | 640              | 9930         | 150          | 1418.6      | 17012         | 560.02          | 425                  | 350         | 340            | 900           |

# INDUSTRIAL JACK

## HE-HS SERIES



REDUCES  
LABOUR TIME



PORTABLE  
DESIGN



SAFER  
REPAIRS



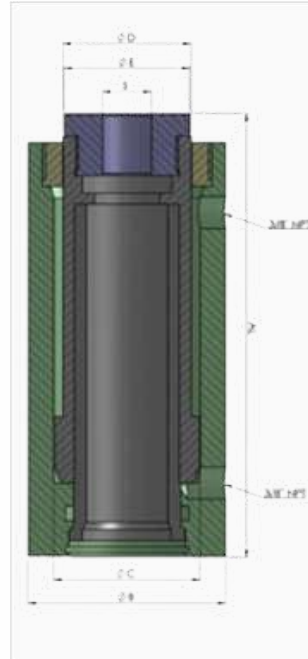
CE & UKCA  
CERTIFIED

### FEATURES /ADVANTAGES

- Removal & Assembly of pins, bushes, bearings, Sprockets, Gears & General Maintenance.
- Speed Nuts, Speed Nut Handles, Threaded Saddle, Plain Saddle Centre Screw, Etc.
- Alloy steel body for better life.
- Hard chrome-plated ram to resist scoring & corrosion.
- Ideal for heavy duty application.
- High-pressure long-life seals. Ram wiper protects inner cylinder from dirt which extends cylinder life.
- Fast & Complete ram retraction.
- Bottom mounting holes, collar threading are provided on request.
- Connection Port size 3/8-inch NPT.

### APPLICATION

These jacks are designed to provide oil force in both the advance and retraction of ram, in vertical & horizontal position, where cycle time is crucial. These are mainly used for hydraulic testing machine and for lifting, lowering, spreading of structures, bridges, heavy machinery, etc.



### SPECIFICATIONS

| Model         | "A" Close Height | Cap. in (kN) | Stroke in mm | Area in Cm2 | Oil Cap in cc | "B" Cylinder OD | "C" Cylinder Bore ID | "S" Hole Dia | "D" Rod Dia | "E" Saddle Dia | wt. App in Kg |
|---------------|------------------|--------------|--------------|-------------|---------------|-----------------|----------------------|--------------|-------------|----------------|---------------|
| HE-HS 20-100  | 195              | 231          | 100          | 33.0        | 348           | 105.02          | 85                   | 28           | 70          | 68             | 12.5          |
| HE-HS 30-100  | 200              | 298          | 100          | 42.6        | 598           | 135.02          | 95                   | 34           | 95          | 78             | 14.5          |
| HE-HS 50-100  | 220              | 550          | 100          | 78.6        | 798           | 160.02          | 125                  | 42           | 110         | 97             | 27            |
| HE-HS 60-100  | 250              | 605          | 100          | 86.4        | 992           | 175.02          | 135                  | 54           | 120         | 107            | 35.2          |
| HE-HS 100-100 | 265              | 990          | 100          | 141.4       | 1715          | 225.02          | 180                  | 70           | 170         | 146            | 58.9          |

### SPECIFICATIONS

| Model     | Ram Internal Threading | Thread Depth | Collar Threads | Length | PCD x No. Of Holes | Bottom Thread Size | Thread Depth (Bottom) |
|-----------|------------------------|--------------|----------------|--------|--------------------|--------------------|-----------------------|
| HE-HS-20  | M56 X 2P               | 23           | M105 X 2P      | 36     | 85 X 2             | M10                | 17                    |
| HE-HS-30  | M64 X 2P               | 30           | M135 X 2P      | 40     | 90 X 2             | M10                | 17                    |
| HE-HS-50  | M80 X 2P               | 30           | M160 X 2P      | 40     | 125 X 2            | M12                | 18                    |
| HE-HS-60  | M90 X 2P               | 33           | M755 X 3P      | 45     | 135 X 2            | M12                | 20                    |
| HE-HS-100 | M120 X 2P              | 40           | M225 X 3P      | 50     | 180 X 2            | M16                | 24                    |

# INDUSTRIAL JACK

## HE-HD SERIES



### FEATURES / ADVANTAGES

- Removal & Assembly of pins, Bushes, bearings, Sprockets, Gears & General Maintenance.
- Speed Nuts, Speed Nut Handles, Threaded Saddle, Plain Saddle Centre Screw, Etc.
- Alloy steel body for better life.
- Hard chrome-plated ram to resist scoring & corrosion.
- Ideal for heavy duty application.
- As bar Jacks & Pre-stressing at Construction Sites.
- Provides force in advance & return cycles.
- High-pressure long-life seals. Ram wiper protects inner cylinder from dirt, which extends cylinder life.
- Relief valve protects against over pressurizing.
- Fast & Complete ram retraction.
- Bottom mounting holes, collar threading & Spherical saddle are provided on request.
- Connection Port size 3/8-inch NPT.



### SPECIFICATIONS

| Model         | "A" Close Height | Cap. in (kN) | Stroke in mm | Area in Cm2 | Oil Cap in cc | "B" Cyl OD | "C" Cyl Bore ID | "S" Hole Dia | "D" Rod Dia | "E" Saddle Dia | wt. App in Kg |
|---------------|------------------|--------------|--------------|-------------|---------------|------------|-----------------|--------------|-------------|----------------|---------------|
| HE-HD-20-150  | 310              | 202          | 150          | 28.9        | 438           | 100        | 70              | 27           | 60          | 58             | 17.0          |
| HE-HD-30-150  | 320              | 309          | 150          | 44.2        | 663           | 130        | 85              | 33           | 63          | 67             | 27            |
| HE-HD-50-150  | 330              | 528          | 150          | 75.2        | 754           | 170        | 110             | 42           | 95          | 87             | 45            |
| HE-HD-60-150  | 350              | 641          | 150          | 91.6        | 1560          | 190        | 125             | 54           | 120         | 97             | 69            |
| HE-HD-80-150  | 360              | 845          | 150          | 122.1       | 1840          | 205        | 140             | 62           | 130         | 110            | 84            |
| HE-HD-100-150 | 370              | 1093         | 150          | 156.1       | 2310          | 210        | 170             | 77           | 130         | 127            | 104           |

### SPECIFICATIONS

| Jack Ton     | Hand Pump Used  |
|--------------|-----------------|
| 20           | PHHP12-2 DCV    |
| 25, 30       | PHHP5012-2 DCV  |
| 50           | PHHP5012-3 DCV  |
| 75, 100, 150 | PHHP5012-6 DCV  |
| 200          | PHHP5012-12 DCV |

- Speciation's are subject to change due to continual improvement.
- Higher capacity and customized solution on request.
- Capacity and Stroke speciated are maximum safe limits. Use at 80% of rating as safe practice

# INDUSTRIAL JACK

## HE-TS SERIES



REDUCES  
LABOUR TIME



PORTABLE  
DESIGN



SAFER  
REPAIRS



CE & UKCA  
CERTIFIED

### FEATURES / ADVANTAGES

- Cylinder is honed to a surface finish of 0.5 microns.
- Load return. Single acting, Threaded Ram, Safety Lock Nut. Alloy steel heat treated.
- At the bottom holes are provided to Fix.
- High pressure seals for better life. Ram wiper protects entering dirt and foreign material into the cylinder which extends cylinder life.
- Long lifting handles are provided for easy lifting at site.
- Connection Port 3/8" NPT.



### SPECIFICATIONS

| Model         | "A" Close Height | Cap. in (kN) | Stroke in mm | Effective Area in Cm2 | Oil Cap in cc | "B" Cylinder OD | "C" Cylinder Bore ID | "D" Rod Dia | "E" Saddle Dia | wt. App in Kg |
|---------------|------------------|--------------|--------------|-----------------------|---------------|-----------------|----------------------|-------------|----------------|---------------|
| HE-TS 20-150  | 280              | 217          | 150          | 31.2                  | 470           | 85.02           | 63                   | 55          | 50             | 9             |
| HE-TS 25-150  | 300              | 270          | 150          | 38.5                  | 579           | 95.02           | 70                   | 60          | 55             | 11            |
| HE-TS 30-150  | 300              | 310          | 150          | 44.2                  | 665           | 105.02          | 75                   | 65          | 60             | 15            |
| HE-TS 50-150  | 315              | 550          | 150          | 78.5                  | 1180          | 135.02          | 100                  | 80          | 80             | 27            |
| HE-TS 75-150  | 330              | 793          | 150          | 113.1                 | 1696          | 156.02          | 120                  | 95          | 95             | 39            |
| HE-TS 100-150 | 350              | 1077         | 150          | 153.9                 | 2313          | 185.02          | 140                  | 120         | 110            | 59            |
| HE-TS 150-150 | 365              | 1589         | 150          | 227.0                 | 3410          | 225.02          | 170                  | 140         | 140            | 97.5          |
| HE-TS 200-150 | 380              | 2200         | 150          | 314.2                 | 4712          | 258.02          | 200                  | 160         | 158            | 132           |
| HE-TS 250-150 | 395              | 2661         | 150          | 380.1                 | 5710          | 285.02          | 220                  | 180         | 180            | 164           |
| HE-TS 300-150 | 410              | 3167         | 150          | 452.4                 | 6795          | 315.02          | 240                  | 200         | 195            | 212.4         |
| HE-TS 400-150 | 450              | 4008         | 150          | 572.6                 | 8588          | 355.02          | 270                  | 220         | 210            | 305           |
| HE-TS 500-150 | 475              | 5109         | 150          | 714.2                 | 10955         | 405.02          | 300                  | 250         | 240            | 350           |

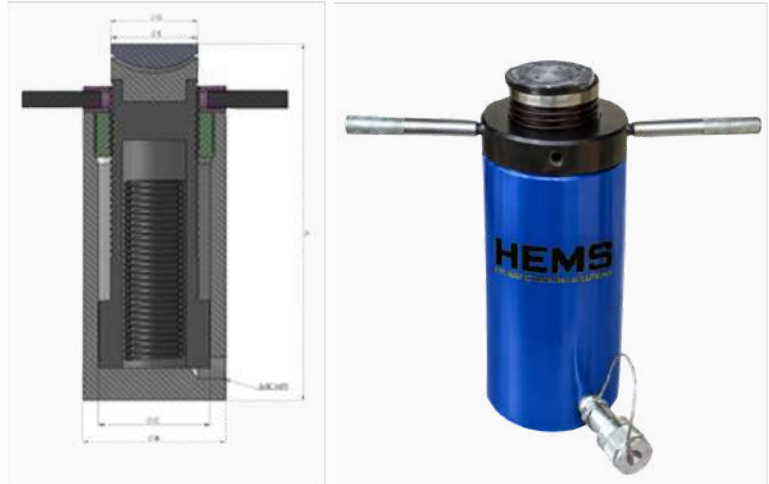
# INDUSTRIAL JACK

## HE-TS-S SERIES



### FEATURES /ADVANTAGES

- Load return. Single acting, Threaded Ram, with safety Lock Nut.
- Cylinder is honed to a surface finish of 0.5 microns. O
- Spherical saddle tilt angle max 5
- At the bottom holes are provided to Bolting.
- Connection Port 3/8" NPT.
- Long lifting handles are provided for easy lifting at site.
- Cylinder Body Hard chrome plated to avoid Scoring and Corrosion. Ram Blackbodies.
- Lock Nut for safety purpose to sustain load on lock nut for long time.
- High pressure Oil seals for better life. Ram wiper protects entering dirt and foreign material into the cylinder which extends cylinder life.
- Alloy steel heat treated body for better life.



### SPECIFICATIONS

| Model           | "A" Close Height | Cap. in (kN) | Stroke in mm | Effective Area in Cm2 | Oil Cap in cc | "B" Cylinder OD | "C" Cylinder Bore ID | "D" Rod Dia | "E" Saddle Dia | wt. App in Kg |
|-----------------|------------------|--------------|--------------|-----------------------|---------------|-----------------|----------------------|-------------|----------------|---------------|
| HE-TS-S 20-150  | 290              | 217          | 150          | 31.2                  | 470           | 85.02           | 63                   | 50.02       | 50             | 9             |
| HE-TS-S 25-150  | 300              | 270          | 150          | 38.5                  | 579           | 95.02           | 70                   | 55.02       | 55             | 11.5          |
| HE-TS-S 30-150  | 310              | 310          | 150          | 44.2                  | 665           | 105.02          | 75                   | 60.02       | 60             | 15            |
| HE-TS-S 50-150  | 320              | 550          | 150          | 78.5                  | 1180          | 135.02          | 100                  | 80.02       | 80             | 27            |
| HE-TS-S 75-150  | 335              | 793          | 150          | 113.1                 | 1696          | 156.02          | 120                  | 95.02       | 95             | 39            |
| HE-TS-S 100-150 | 375              | 1077         | 150          | 153.9                 | 2313          | 185.02          | 140                  | 110.02      | 110            | 54            |
| HE-TS-S 150-150 | 395              | 1589         | 150          | 227.0                 | 3410          | 225.02          | 170                  | 140.02      | 140            | 87.5          |
| HE-TS-S 200-150 | 410              | 2200         | 150          | 314.2                 | 4712          | 258.02          | 200                  | 160.02      | 158            | 122           |
| HE-TS-S 250-150 | 425              | 2661         | 150          | 380.1                 | 5710          | 285.02          | 220                  | 180.02      | 175            | 170           |
| HE-TS-S 300-150 | 470              | 3167         | 150          | 452.4                 | 6795          | 315.02          | 240                  | 200.02      | 190            | 215           |
| HE-TS-S 400-150 | 470              | 4008         | 150          | 572.6                 | 8588          | 355.02          | 270                  | 220.02      | 210            | 298           |
| HE-TS-S 500-150 | 505              | 4948         | 150          | 706.5                 | 10603         | 400.02          | 300                  | 250.02      | 230            | 410           |

## INDUSTRIAL JACK

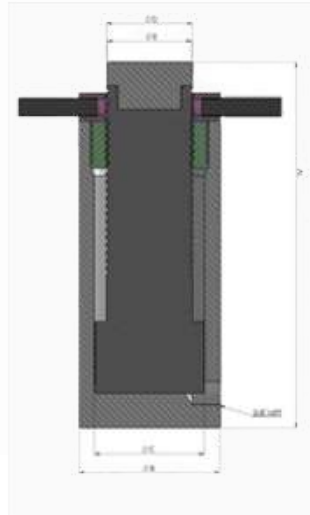
### HE-TL SERIES



**HEMS Threaded ram with Lock nut Load Return – Single Acting**

#### FEATURES / ADVANTAGES

- Suits heavy lifting & push-pull applications
- Safety Pressure Relief valve in return port prevents damage, in case of accidental over-pressurization due to blockage in return line
- Sustained load holding with lock nut in vertical & horizontal direction
- Fast & complete ram retraction
- Suited for Construction & Heavy industries



#### SPECIFICATIONS

| Model          | "A" Close Height | Cap. in (kN) | Stroke in mm | Effective Area in Cm <sup>2</sup> | Oil Cap in cc | "B" Cylinder OD | "C" Cylinder Bore ID | "D" Rod Dia | "E" Saddle Dia | wt. App in Kg |
|----------------|------------------|--------------|--------------|-----------------------------------|---------------|-----------------|----------------------|-------------|----------------|---------------|
| HE-TL 600-100  | 500              | 550          | 100          | 855.3                             | 12100         | 450             | 330                  | 275         | 260            | 560           |
| HE-TL 600-150  | 550              | 793          | 150          | 855.3                             | 12829         | 450             | 330                  | 275         | 260            | 590           |
| HE-TL 800-100  | 520              | 1077         | 100          | 1134.1                            | 16790         | 530             | 380                  | 310         | 290            | 685           |
| HE-TL 800-150  | 570              | 1598         | 150          | 1134.1                            | 17012         | 530             | 380                  | 310         | 290            | 750           |
| HE-TL 1000-100 | 550              | 2200         | 100          | 1418.6                            | 21100         | 590             | 425                  | 350         | 330            | 1080          |
| HE-TL 1000-150 | 600              | 2661         | 150          | 1418.6                            | 21279         | 590             | 425                  | 350         | 330            | 1166          |

## LIFTING JACK

### HE-LF SERIES



#### SPECIFICATIONS

| Specification    | Details                                  |
|------------------|------------------------------------------|
| Capacity Range   | Up to 100 Ton                            |
| Ground Clearance | 3"                                       |
| Control          | Up / Hold / Down                         |
| Power Options    | Electric or Pneumatic                    |
| Accessories      | Stroke Extension Available               |
| Construction     | Welded Heavy-Duty Chassis                |
| Applications     | Rail, Mining, Construction & Maintenance |

# VERTICAL HAND TORQUE MULTIPLIER

## HEMS HM

The HEMS Hand Torque Multiplier is a compact and powerful solution designed to deliver high torque output with minimal input effort. Ideal for tightening and loosening heavy-duty fasteners in a wide range of industrial applications.

### FEATURES

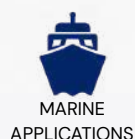
- ✓ High torque output with low input effort
- ✓ Precision engineered for accuracy and reliability
- ✓ Compact and lightweight design for easy handling
- ✓ Ideal for maintenance, construction and industrial applications.



### SPECIFICATIONS

| HEMS MODEL | TORQUE CAPACITY |       |       | MULTIPLICATION FACTOR | FEMALE INPUT SQUARE | MALE OUTPUT SQUARE | MAJOR DIA (mm) | DEPTH (mm) | UNIT WEIGHT (kg) |
|------------|-----------------|-------|-------|-----------------------|---------------------|--------------------|----------------|------------|------------------|
|            | Lb.ft           | N.m   | Kgf.m |                       |                     |                    |                |            |                  |
| HM - 1     | 1250            | 1700  | 170   | 5                     | 1/2"                | 3/4"               | 115            | 87         | 4.5              |
| HM - 2     | 1250            | 1700  | 170   | 5                     | 3/4"                | 1"                 | 115            | 90         | 5.0              |
| HM - 2/25  | 1250            | 1700  | 170   | 25                    | 1/2"                | 1"                 | 115            | 120        | 7.0              |
| HM - 5     | 2000            | 2700  | 275   | 5                     | 3/4"                | 1"                 | 136            | 91         | 11.0             |
| HM - 5/25  | 2000            | 2700  | 275   | 25                    | 1/2"                | 1"                 | 136            | 120        | 11.0             |
| HM - 6     | 2500            | 3400  | 345   | 5                     | 3/4"                | 1" - 1/2"          | 136            | 91         | 8.5              |
| HM - 6/25  | 2500            | 3400  | 345   | 25                    | 1/2"                | 1" - 1/2"          | 136            | 120        | 11.5             |
| HM - 7     | 4500            | 6000  | 622   | 5                     | 3/4"                | 1" - 1/2"          | 168            | 115        | 15.5             |
| HM - 7/25  | 4500            | 6000  | 622   | 25                    | 1/2"                | 1" - 1/2"          | 168            | 190        | 19.5             |
| HM - 9/25  | 7000            | 9500  | 965   | 25                    | 3/4"                | 2" - 1/2"          | 220            | 225        | 27.0             |
| HM - 11/25 | 11060           | 15000 | 1500  | 25                    | 3/4"                | 2" - 1/2"          | 220            | 280        | 45.0             |

### TYPICAL APPLICATIONS



# VERTICAL HAND TORQUE MULTIPLIER

## HEMS HVT

The HEMS Vertical Hand Torque Multiplier is designed to deliver high torque output in compact vertical configuration. Ideal for applications where space is limited or where a vertical force application is required.

### FEATURES

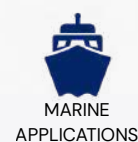
- ✓ High torque output with low input effort
- ✓ Precision engineered for accuracy and reliability
- ✓ Compact vertical design for easy access in tight spaces
- ✓ Ideal for maintenance, construction and industrial applications



### SPECIFICATIONS

| HEMS MODEL | TORQUE CAPACITY |      | GEAR RATIO | INPUT DRIVE | OUTPUT DRIVE | UNIT WEIGHT (kg) | HEIGHT (mm) | DIAMETER (mm) |
|------------|-----------------|------|------------|-------------|--------------|------------------|-------------|---------------|
|            | Lb.ft           | N.m  |            |             |              |                  |             |               |
| HVT - 15   | 1000            | 1335 | 4:5:1      | 1/2"        | 1"           | 3.0              | 175.0       | 80.0          |
| HVT - 25   | 1350            | 1830 | 12:1       | 1/2"        | 1"           | 5.2              | 310.0       | 80.0          |
| HVT - 35   | 2125            | 2880 | 15:1       | 1/2"        | 1"           | 6.1              | 285.0       | 80.0          |
| HVT - 45   | 2500            | 3390 | 15:1       | 3/4"        | 1" - 1/2"    | 6.1              | 265.0       | 95.0          |
| HVT - 65   | 3600            | 4960 | 21:1       | 3/4"        | 1" - 1/2"    | 8.4              | 240.0       | 114.0         |
| HVT - 90   | 5076            | 6990 | 40:1       | 3/4"        | 1" - 1/2"    | 21.3             | 300.0       | 152.0         |

### TYPICAL APPLICATIONS



# MANUAL TORQUE WRENCH

## HEMS HWT

The HEMS Manual Torque Wrench is designed for precise tightening of bolts and fasteners with accuracy and reliability. It's durable construction and ergonomic design ensure easy operation in demanding industrial environments.

### FEATURES

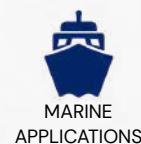
- ✓ Accurate torque control for reliable results
- ✓ Durable and robust construction for long service life
- ✓ Ergonomic handle design for comfortable grip and reduced fatigue
- ✓ Easy to operate and maintain
- ✓ Ideal for industrial, automotive and maintenance applications



### SPECIFICATIONS

| HEMS MODEL   | TORQUE CAPACITY |           |            | Sq. Drive (inch) | Overall Length (mm) | Unit Weight (Kg) |
|--------------|-----------------|-----------|------------|------------------|---------------------|------------------|
|              | Nm              | Kgf.m     | lbf.ft     |                  |                     |                  |
| HWT - 105 A  | 3 - 11          | 0.3 - 1.1 | 2 - 8      | 3/8"             | 190 / 205           | 0.45             |
| HWT - 210 A  | 5 - 25          | 0.5 - 2.5 | 4 - 18     | 3/8"             | 210 / 225           | 0.85             |
| HWT - 310 A  | 12 - 62         | 1.2 - 6   | 10 - 45    | 1/2"             | 245 / 258           | 1.3              |
| HWT - 1050 A | 25 - 125        | 2.5 - 13  | 18 - 90    | 1/2"             | 245 / 258           | 2                |
| HWT - 2100 A | 57 - 280        | 6 - 28    | 45 - 200   | 1/2"             | 345 / 358           | 4                |
| HWT - 3100 A | 80 - 380        | 8 - 38    | 70 - 280   | 3/4"             | 430 / 445           | 4                |
| HWT - 4100 A | 120 - 520       | 14 - 52   | 100 - 400  | 3/4"             | 430 / 445           | 7                |
| HWT - 5100 A | 200 - 900       | 20 - 90   | 150 - 660  | 3/4"             | 530 / 545           | 9                |
| HWT - 6000 A | 400 - 2000      | 40 - 200  | 300 - 1500 | 1"               | 645 / 665           | 12               |
| HWT - 1.8 K  | 120 - 600       | 12 - 60   | 80 - 400   | 3/4"             | 1000 / 1020         | 6.6              |
| HWT - 2.8 K  | 125 - 760       | 12 - 76   | 100 - 600  | 3/4"             | 1200 / 1240         | 13               |
| HWT - 4.8 K  | 200 - 1200      | 20 - 120  | 150 - 900  | 3/4"             | 1200 / 1240         | 18               |
| HWT - 5.10 K | 280 - 1600      | 28 - 160  | 200 - 1200 | 1"               | 1250 / 1280         | 18               |
| HWT - 10 K A | 560 - 3000      | 55 - 300  | 400 - 2200 | 1"               | 1400 / 1510         | 28.5             |

### TYPICAL APPLICATIONS



# HYDRAULIC NUT SPLITTER

## HEMS HNSS

HEMS Hydraulic Nut Splitters are designed to spit stubborn or corroded nuts quickly and safely without causing damage to the bolt or surrounding components. compact, lightweight and easy to use they are ideal for maintenance and industrial applications where reliability and efficiency are essential.

### FEATURES

- ✓ Splits nuts quickly and safely
- ✓ Hydraulic operation for maximum power with minimal effort
- ✓ No damage to bolt threads or surrounding components
- ✓ Compact and lightweight design for easy handling
- ✓ Ideal for maintenance, construction and industrial applications



### SPECIFICATIONS

| HEMS MODEL  | STUD DIAMETER |               | NUT A/F  |                 | LOAD TON | DIMENSIONS (MM) |     |      |      | WEIGHT KG |
|-------------|---------------|---------------|----------|-----------------|----------|-----------------|-----|------|------|-----------|
|             | mm            | inch          | mm       | inch            |          | LMA             | D   | T    | W    |           |
| HNSS-1636   | 22 - 11       | 7/16 - 7/8    | 16 - 36  | 5/8 - 1.7/16    | 25       | 256             | 106 | 13.5 | 36   | 11        |
| HNSS-3651   | 22 - 32       | 7/16 - 1.1/4  | 36 - 51  | 1.7/16 - 2      | 25       | 256             | 108 | 14.5 | 38   | 12        |
| HNSS-4660   | 32 - 38       | 1.1/4 - 1.1/2 | 46 - 60  | 1.13/16 - 2.3/8 | 50       | 329             | 154 | 18.2 | 50   | 35        |
| HNSS-5770   | 35 - 45       | 1.3/8 - 1.3/4 | 57 - 70  | 2.1/4 - 2.3/4   | 50       | 357             | 154 | 20   | 51   | 36        |
| HNSS-7090   | 45 - 57       | 1.3/4 - 2.1/4 | 70 - 90  | 2.3/4 - 3.1/2   | 100      | 395             | 200 | 21   | 74   | 75        |
| HNSS-80100  | 52 - 68       | 2 - 2.1/2     | 80 - 100 | 3.1/8 - 3.7/8   | 100      | 495             | 202 | 23   | 78   | 79        |
| HNSS-951088 | 64 - 70       | 2.1/2 - 2.3/4 | 95 - 108 | 3.7/8 - 4.1/4   | 150      | 450             | 246 | 32   | 89.5 | 123       |

### TYPICAL APPLICATIONS



CONSTRUCTION  
EQUIPMENT



INDUSTRIAL  
MAINTENANCE



MARINE  
APPLICATIONS



MINING  
EQUIPMENT

# HYDRAULIC FLANGE SPREADER

## HEMS HFS

The HEMS Hydraulic Flange Spreader is a compact and reliable tool designed to separate flanges safely and efficiently during maintenance, inspection and repair work. With a spreading capacity of up to 14 tonnes and a 39 mm stroke, it delivers controlled force while reducing manual effort and the risk of damage.

### FEATURES

- ✓ High spreading force for efficient flange separation
- ✓ Compact and lightweight design for easy handling
- ✓ Durable construction for long service life
- ✓ Simple and safe operation
- ✓ Ideal for maintenance, inspection and repair applications



### SPECIFICATIONS

| HEMS MODEL | Capacity (ton) | Stroke (mm) | L X W X H (mm)  | Weight (kg) |
|------------|----------------|-------------|-----------------|-------------|
| HFS-14HS   | 14             | 39          | 250 X 110 X 125 | 7           |
| HFS-14HM   | 14             | 39          | 250 X 110 X 115 | 14          |

### TYPICAL APPLICATIONS



CONSTRUCTION  
EQUIPMENT



INDUSTRIAL  
MAINTENANCE



MARINE  
APPLICATIONS



MINING  
EQUIPMENT

# ELECTRIC TORQUE WRENCH

## HEMS HEW

HEMS Electric Torque Wrenches deliver high torque with precision and reliability for industrial bolting applications. Built for performance, durability and operator safety in the most demanding environments.

### FEATURES

- ✓ High torque output of heavy-duty bolting
- ✓ Precision performance with consistent torque accuracy
- ✓ Durable construction for long service life
- ✓ Ergonomic design for ease of operation
- ✓ Suitable for industrial and field applications



### SPECIFICATIONS

| HEMS MODEL | TORQUE VALUE    | SQ. DRIVE | WEIGHT (Kg) |
|------------|-----------------|-----------|-------------|
| HEW - 08S  | 150 - 800 Nm    | 3/4"      | 5.5         |
| HEW - 20S  | 350 - 2000 Nm   | 3/4"      | 6           |
| HEW - 30S  | 600 - 3000 Nm   | 1"        | 9.8         |
| HEW - 40S  | 800 - 4000 Nm   | 1"        | 10          |
| HEW - 60S  | 900 - 6000 Nm   | 1.1/2"    | 13.3        |
| HEW - 80S  | 1500 - 8000 Nm  | 1.1/2"    | 16          |
| HEW - 100S | 2000 - 10000 Nm | 1.1/2"    | 18          |
| HEW - 150S | 2500 - 15000 Nm | 1.1/2"    | 22          |

### TYPICAL APPLICATIONS



CONSTRUCTION  
EQUIPMENT



INDUSTRIAL  
MAINTENANCE



MARINE  
APPLICATIONS



MINING  
EQUIPMENT

# PNEUMATIC TORQUE WRENCH

## HEMS HPT

HEMS Pneumatic Torque Wrenches are engineered to deliver high torque with maximum reliability and operator safety. Designed for heavy-duty bolting applications in the most demanding industrial environments.

### FEATURES

- ✓ High torque output of heavy-duty bolting
- ✓ Ideal for maintenance and repair applications
- ✓ Compact and lightweight design
- ✓ Accurate and consistent torque control
- ✓ Ergonomic and easy to operate



### SPECIFICATIONS

| HEMS MODEL | TORQUE (Nm) (MIN - MAX) | SQ. DRIVE | WEIGHT (Kg) |
|------------|-------------------------|-----------|-------------|
| HPT - 50   | 100 - 500 Nm            | 3/4"      | 1           |
| HPT - 100  | 150 - 1000 Nm           | 3/4"      | 4.8         |
| HPT - 150  | 200 - 1500 Nm           | 1"        | 5.2         |
| HPT - 200  | 300 - 2000 Nm           | 1"        | 5.5         |
| HPT - 300  | 500 - 3000 Nm           | 1"        | 7.5         |
| HPT - 400  | 700 - 6000 Nm           | 1.1/2"    | 9.5         |
| HPT - 600  | 1000 - 6000 Nm          | 1.1/2"    | 14          |
| HPT - 800  | 2000 - 8000 Nm          | 1.1/2"    | 18          |

### TYPICAL APPLICATIONS



CONSTRUCTION  
EQUIPMENT



INDUSTRIAL  
MAINTENANCE



MARINE  
APPLICATIONS



MINING  
EQUIPMENT

# TOOL BALANCERS

## HEMS H SERIES

HEMS Tool Balancers are designed to increase productivity and reduce operator fatigue by keeping tools and equipment within easy reach. Built for durability and smooth performance in demanding industrial environments.

### FEATURES

- ✓ Reduces operator fatigue and improves efficiency
- ✓ Smooth and consistent spring tension
- ✓ Wide capacity range for various tool weights
- ✓ Durable construction for long service life
- ✓ Suitable for industrial and field use.



### SPECIFICATIONS

| HEMS MODEL | Balancing Capacity |          | TRAVEL | ROPE   | UNIT WEIGHT |
|------------|--------------------|----------|--------|--------|-------------|
|            | Min (Kg)           | Max (Kg) | In MTR | DIA MM | In Kg       |
| H - 1      | 0.25               | 1.5      | 1.5    | 2      | 1           |
| H - 2      | 1                  | 2        | 1.5    | 2      | 1           |
| H - 3      | 1                  | 3        | 1.5    | 2.5    | 1.8         |
| H - 5      | 2.5                | 5        | 1.5    | 2.5    | 1.8         |
| H - 9      | 4.5                | 9        | 1.5    | 4      | 4.2         |
| H - 15     | 9                  | 15       | 1.5    | 4      | 4.5         |
| H - 22     | 15                 | 22       | 1.5    | 5      | 9           |
| H - 30     | 22                 | 30       | 1.5    | 5      | 9.5         |
| H - 40     | 30                 | 40       | 1.5    | 5      | 10.5        |
| H - 50     | 40                 | 50       | 1.5    | 5      | 11.2        |
| H - 60     | 50                 | 60       | 1.5    | 5      | 12.6        |
| H - 70     | 60                 | 70       | 1.5    | 5      | 13.2        |
| H - 85     | 70                 | 85       | 1.5    | 8      | 25          |
| H - 100    | 85                 | 100      | 1.5    | 8      | 27.5        |
| H - 120    | 100                | 120      | 1.5    | 8      | 30.5        |
| H - 150    | 120                | 150      | 1.5    | 8      | 32          |
| H - 180    | 150                | 180      | 1.5    | 8      | 35          |
| H - 200    | 180                | 200      | 1.5    | 8      | 36          |

### TYPICAL APPLICATIONS



CONSTRUCTION  
EQUIPMENT



INDUSTRIAL  
MAINTENANCE



MARINE  
APPLICATIONS



MINING  
EQUIPMENT

# BOLT TENSIONERS

HEMS HBT

HEMS Bolt Tensioners provide precise and controlled bolt tensioning for critical bolted joints. Designed for safety, reliability and efficiency in the most demanding industrial applications

## FEATURES

- ✓ Precise and uniform bolt tensioning
- ✓ Reduces bolt stress and joint failure
- ✓ High strength and durable design
- ✓ Suitable for a wide range of bolt sizes
- ✓ Compact, lightweight and easy to handle
- ✓ Ideal for industrial and heavy-duty applications



| HEMS<br>MODEL | BOLT SIZE / STUD SIZE |          | CYLINDER<br>(TONS) | STROKE<br>(MM) | EFFECTIVE<br>AREA<br>(CM2) | DIMENSION (mm) |     |     |     |     |     |    |    |      |      | APPROX<br>WEIGHT<br>(Kg) |
|---------------|-----------------------|----------|--------------------|----------------|----------------------------|----------------|-----|-----|-----|-----|-----|----|----|------|------|--------------------------|
|               | METRIC                | (INCHES) |                    |                |                            | A              | B   | C   | D   | E   | F   | G  | H  | J    |      |                          |
| HBT-3         | M16                   | -        | 23.5               | 10             | 15.7                       | 62             | 90  | 168 | 75  | 49  | 28  | 16 | 30 | 32.5 | 2    |                          |
|               | M18                   | 3/4"     |                    |                |                            |                |     |     |     | 49  |     |    |    |      |      |                          |
|               | M20                   | -        |                    |                |                            |                |     |     |     | 51  |     |    |    |      |      |                          |
|               | M22                   | 7/8"     |                    |                |                            |                |     |     |     | 51  |     |    |    |      |      |                          |
|               | M24                   | 1"       |                    |                |                            |                |     |     |     | 60  |     |    |    |      |      |                          |
| HBT-5         | M27                   | 1 1/8"   | 50                 | 15             | 33                         | 60             | 106 | 187 | 102 | 60  | 44  | 22 | 36 | 47   | 4    |                          |
|               | M30                   | -        |                    |                |                            |                |     |     |     | 72  |     |    |    |      |      |                          |
|               | M33                   | 1 1/4"   |                    |                |                            |                |     |     |     | 74  |     |    |    |      |      |                          |
|               | M36                   | 1 3/8"   |                    |                |                            |                |     |     |     | 76  |     |    |    |      |      |                          |
|               | M39                   | 1 1/2"   |                    |                |                            |                |     |     |     | 80  |     |    |    |      |      |                          |
| HBT-9         | M39                   | 1 1/2"   | 90                 | 15             | 59.7                       | 60             | 120 | 208 | 133 | 88  | 56  | 28 | 49 | 61   | 6    |                          |
|               | M42                   | 1 5/8"   |                    |                |                            |                |     |     |     | 90  |     |    |    |      |      |                          |
|               | M45                   | 1 3/4"   |                    |                |                            |                |     |     |     | 94  |     |    |    |      |      |                          |
|               | M48                   | 1 7/8"   |                    |                |                            |                |     |     |     | 100 |     |    |    |      |      |                          |
|               | M52                   | 2"       |                    |                |                            |                |     |     |     | 104 |     |    |    |      |      |                          |
| HBT-13        | M48                   | 1 7/8"   | 125                | 15             | 83                         | 62             | 135 | 231 | 163 | 110 | 68  | 34 | 59 | 73   | 10   |                          |
|               | M52                   | 2"       |                    |                |                            |                |     |     |     | 112 |     |    |    |      |      |                          |
|               | M56                   | 2 1/4"   |                    |                |                            |                |     |     |     | 118 |     |    |    |      |      |                          |
|               | M60                   | -        |                    |                |                            |                |     |     |     | 126 |     |    |    |      |      |                          |
|               | M64                   | 2 1/2"   |                    |                |                            |                |     |     |     | 126 |     |    |    |      |      |                          |
| HBT-19        | M64                   | 2 1/2"   | 185                | 15             | 123                        | 62             | 150 | 254 | 193 | 136 | 80  | 42 | 66 | 86.5 | 15   |                          |
|               | M68                   | -        |                    |                |                            |                |     |     |     | 144 |     |    |    |      |      |                          |
|               | M72                   | 2 3/4"   |                    |                |                            |                |     |     |     | 146 |     |    |    |      |      |                          |
|               | M76                   | 3"       |                    |                |                            |                |     |     |     | 154 |     |    |    |      |      |                          |
| HBT-27        | M76                   | 3"       | 265                | 15             | 176                        | 73             | 180 | 286 | 233 | 162 | 104 | 48 | 77 | 110  | 24.5 |                          |
|               | M80                   | -        |                    |                |                            |                |     |     |     | 162 |     |    |    |      |      |                          |
|               | M85                   | 3 1/4"   |                    |                |                            |                |     |     |     | 174 |     |    |    |      |      |                          |
|               | M90                   | 3 1/2"   |                    |                |                            |                |     |     |     | 185 |     |    |    |      |      |                          |
|               | M95                   | 3 3/4"   |                    |                |                            |                |     |     |     | 200 |     |    |    |      |      |                          |
|               | M100                  | 4"       |                    |                |                            |                |     |     |     | 212 |     |    |    |      |      |                          |

## TYPICAL APPLICATIONS



CONSTRUCTION EQUIPMENT



INDUSTRIAL MAINTENANCE



MARINE APPLICATIONS



MINING EQUIPMENT

# IMPACT HEX SOCKET

## 1/4" Sq. Dr. Impact Hex Socket

HEMS Impact Hex Sockets are engineered for high-torque fastening applications, delivering exceptional strength, durability, and precise fitment. Manufactured from premium-grade alloy steel, they provide reliable performance for heavy equipment maintenance, mining, construction, and industrial repair operations.

### FEATURES

- ✓ High-strength alloy steel construction
- ✓ Precision-machined for accurate fit
- ✓ Designed for high-torque impact tools
- ✓ Reduced fastener wear and rounding
- ✓ Heavy-duty industrial performance



| SAE SIZE      |              | METRIC SIZE   |          | D1   | D2 | S  | L  | T  |
|---------------|--------------|---------------|----------|------|----|----|----|----|
| HEMS PART No. | A/F (inches) | HEMS PART No. | A/F (mm) |      |    |    |    |    |
| HE-114        | 1/4"         | HIM-106       | 6        | 12   | 17 | 25 | 50 | 10 |
| HE-115        | 9/32"        | HIM-107       | 7        | 13   | 17 | 25 | 50 | 10 |
| HE-116        | 5/16"        | HIM-108       | 8        | 14.5 | 17 | 25 | 50 | 10 |
| HE-117        | 11/32"       | HIM-109       | 9        | 16   | 17 | 25 | 50 | 10 |
| HE-118        | 3/8"         | HIM-110       | 10       | 16.5 | 17 | 25 | 50 | 10 |
| HE-119        | 7/16"        | HIM-111       | 11       | 17.5 | 17 | 25 | 50 | 12 |
| -             | -            | HIM-112       | 12       | 19   | 17 | 25 | 50 | 12 |
| HE-120        | 1/2"         | HIM-113       | 13       | 19.5 | 17 | 25 | 50 | 12 |
| HE-121        | 9/16"        | HIM-114       | 14       | 21   | 17 | 28 | 50 | 13 |

### TYPICAL APPLICATIONS



CONSTRUCTION  
EQUIPMENT



INDUSTRIAL  
MAINTENANCE



MARINE  
APPLICATIONS



MINING  
EQUIPMENT

# IMPACT HEX SOCKET

## 3/8" Sq. Dr. Impact Hex Socket

HEMS Impact Hex Sockets are engineered for high-torque fastening applications, delivering exceptional strength, durability, and precise fitment. Manufactured from premium-grade alloy steel, they provide reliable performance for heavy equipment maintenance, mining, construction, and industrial repair operations.

### FEATURES

- ✓ High-strength alloy steel construction
- ✓ Precision-machined for accurate fit
- ✓ Designed for high-torque impact tools
- ✓ Reduced fastener wear and rounding
- ✓ Heavy-duty industrial performance



| SAE SIZE      |              | METRIC SIZE   |          | D1   | D2 | S  | L  | T  |
|---------------|--------------|---------------|----------|------|----|----|----|----|
| HEMS PART No. | A/F (inches) | HEMS PART No. | A/F (mm) |      |    |    |    |    |
| HE-216        | 5/16"        | HIM-208       | 8        | 14   | 21 | 30 | 60 | 10 |
| HE-218        | 3/8"         | HIM-210       | 10       | 16.5 | 21 | 30 | 60 | 10 |
| HE-219        | 7/16"        | HIM-211       | 11       | 18   | 21 | 30 | 60 | 12 |
| -             | -            | HIM-212       | 12       | 19   | 21 | 30 | 60 | 12 |
| HE-220        | 1/2"         | HIM-213       | 13       | 20   | 21 | 30 | 60 | 12 |
| HE-221        | 9/16"        | HIM-214       | 14       | 22   | 22 | 30 | 60 | 13 |
| -             | -            | HIM-215       | 15       | 23   | 22 | 32 | 60 | 15 |
| HE-223        | 5/8"         | HIM-216       | 16       | 25   | 22 | 32 | 60 | 15 |
| HE-224        | 11/16"       | HIM-217       | 17       | 26   | 25 | 32 | 60 | 15 |
| -             | -            | HIM-218       | 18       | 27   | 25 | 32 | 60 | 16 |
| HE-225        | 3/4"         | HIM-219       | 19       | 28.5 | 25 | 32 | 60 | 16 |
| -             | -            | HIM-220       | 20       | 29   | 25 | 32 | 60 | 16 |
| HE-227        | 13/16"       | HIM-221       | 21       | 30   | 25 | 34 | 60 | 18 |
| HE-228        | 7/8"         | HIM-222       | 22       | 31   | 25 | 34 | 60 | 18 |

# IMPACT HEX SOCKET

1/2" Sq. Dr. Impact Hex Socket

| SAE SIZE      |              | METRIC SIZE   |          | D1   | D2 | S  | L  | T  |
|---------------|--------------|---------------|----------|------|----|----|----|----|
| HEMS PART No. | A/F (inches) | HEMS PART No. | A/F (mm) |      |    |    |    |    |
| HE-316        | 5/16"        | HIM-308       | 8        | 16   | 26 | 38 | 80 | 10 |
| HE-318        | 3/8"         | HIM-310       | 10       | 17   | 26 | 38 | 80 | 10 |
| HE-319        | 7/16"        | HIM-311       | 11       | 19   | 26 | 38 | 80 | 12 |
| -             | -            | HIM-312       | 12       | 20   | 26 | 38 | 80 | 12 |
| HE-320        | 1/2"         | HIM-313       | 13       | 22   | 26 | 38 | 80 | 12 |
| HE-321        | 9/16"        | HIM-314       | 14       | 23   | 26 | 38 | 80 | 13 |
| -             | -            | HIM-315       | 15       | 24.5 | 27 | 38 | 80 | 14 |
| HE-323        | 5/8"         | HIM-316       | 16       | 26   | 27 | 38 | 80 | 14 |
| HE-324        | 11/16"       | HIM-317       | 17       | 27   | 27 | 38 | 80 | 14 |
| -             | -            | HIM-318       | 18       | 29   | 30 | 40 | 80 | 14 |
| HE-325        | 3/4"         | HIM-319       | 19       | 30   | 30 | 40 | 80 | 16 |
| -             | -            | HIM-320       | 20       | 32   | 30 | 40 | 80 | 16 |
| HE-327        | 13/16"       | HIM-321       | 21       | 33.5 | 30 | 40 | 80 | 18 |
| HE-328        | 7/8"         | HIM-322       | 22       | 35   | 30 | 40 | 80 | 18 |
| -             | -            | HIM-323       | 23       | 36.5 | 30 | 42 | 80 | 21 |
| HE-329        | 15/16"       | HIM-324       | 24       | 38   | 36 | 42 | 80 | 21 |
| HE-330        | 1"           | -             | -        | 41   | 36 | 42 | 80 | 21 |
| HE-331        | 1.1/16"      | HIM-327       | 27       | 42   | 36 | 45 | 80 | 23 |
| HE-332        | 1.1/8"       | -             | -        | 46   | 36 | 45 | 80 | 23 |
| HE-333        | 1.3/16"      | HIM-330       | 30       | 46   | 36 | 45 | 80 | 24 |
| HE-334        | 1.1/4"       | HIM-332       | 32       | 48   | 36 | 46 | 80 | 26 |
| HE-336        | 1.3/8"       | HIM-336       | 36       | 55   | 36 | 51 | 80 | 28 |
| HE-338        | 1.1/2"       | HIM-338       | 38       | 56   | 36 | 53 | 80 | 30 |

# IMPACT HEX SOCKET

## 3/4" Sq. Dr. Impact Hex Socket

| SAE SIZE      |              | METRIC SIZE   |          | D1   | D2 | S  | L   | T  |
|---------------|--------------|---------------|----------|------|----|----|-----|----|
| HEMS PART No. | A/F (inches) | HEMS PART No. | A/F (mm) |      |    |    |     |    |
| HE-421        | 9/16"        | -             | -        | 28   | 44 | 48 | 90  | 13 |
| HE-423        | 5/8"         | -             | -        | 30   | 44 | 48 | 90  | 14 |
| HE-424        | 11/16"       | HIM-417       | 17       | 32   | 44 | 48 | 90  | 14 |
| HE-425        | 3/4"         | HIM-419       | 19       | 34   | 44 | 48 | 90  | 16 |
| HE-427        | 13/16"       | -             | -        | 36   | 44 | 50 | 90  | 16 |
| HE-428        | 7/8"         | HIM-422       | 22       | 38.5 | 44 | 50 | 90  | 18 |
| HE-429        | 15/16"       | HIM-424       | 24       | 42   | 44 | 50 | 90  | 21 |
| HE-430        | 1"           | -             | -        | 43.5 | 44 | 50 | 90  | 21 |
| HE-431        | 1.1/16"      | HIM-427       | 27       | 44   | 44 | 50 | 90  | 23 |
| HE-432        | 1.1/8"       | -             | -        | 48   | 44 | 50 | 90  | 23 |
| HE-433        | 1.3/16"      | HIM-430       | 30       | 48   | 44 | 50 | 90  | 24 |
| HE-434        | 1.1/4"       | HIM-432       | 32       | 52   | 44 | 55 | 90  | 26 |
| HE-435        | 1.5/16"      | -             | -        | 53   | 44 | 55 | 90  | 26 |
| HE-436        | 1.3/8"       | -             | -        | 55   | 44 | 55 | 90  | 28 |
| HE-437        | 1.7/16"      | HIM-436       | 36       | 55   | 44 | 60 | 90  | 30 |
| HE-438        | 1.1/2"       | HIM-438       | 38       | 59   | 44 | 60 | 90  | 36 |
| HE-439        | 1.5/8"       | HIM-441       | 41       | 66   | 44 | 66 | 90  | 36 |
| HE-440        | 1.11/16"     | -             | -        | 68   | 44 | 66 | 100 | 36 |
| HE-441        | 1.13/16"     | HIM-446       | 46       | 72   | 54 | 66 | 100 | 36 |
| HE-442        | 1.7/8"       | -             | -        | 74   | 60 | 68 | 100 | 39 |
| HE-443        | 1.15/16"     | -             | -        | 76   | 60 | 70 | 100 | 39 |
| HE-444        | 2"           | HIM-450       | 50       | 76   | 60 | 70 | 100 | 41 |
| HE-445        | 2.1/16"      | -             | -        | 78   | 60 | 74 | 110 | 41 |
| HE-446        | 2.3/16"      | HIM-455       | 55       | 84   | 60 | 74 | 110 | 41 |
| HE-447        | 2.1/4"       | -             | -        | 84   | 70 | 74 | 120 | 45 |
| -             | 2.3/8"       | HIM-460       | 60       | 88   | 70 | 78 | 120 | -  |

# IMPACT HEX SOCKET

1" Sq. Dr. Impact Hex Socket

## FEATURES

- ✓ High-strength alloy steel construction
- ✓ Precision-machined for accurate fit
- ✓ Designed for high-torque impact tools
- ✓ Reduced fastener wear and rounding
- ✓ Heavy-duty industrial performance



| SAE SIZE      |              | METRIC SIZE   |          | D1  | D2 | S   | L   | T  |
|---------------|--------------|---------------|----------|-----|----|-----|-----|----|
| HEMS PART No. | A/F (inches) | HEMS PART No. | A/F (mm) |     |    |     |     |    |
| HE-525        | 3/4"         | HIM-519       | 19       | 38  | 54 | 63  | 110 | 16 |
| HE-527        | 13/16"       | -             | -        | 38  | 54 | 63  | 110 | 18 |
| HE-528        | 7/8"         | HIM-522       | 22       | 40  | 54 | 63  | 110 | 18 |
| HE-529        | 15/16"       | HIM-524       | 24       | 42  | 54 | 63  | 110 | 21 |
| HE-530        | 1"           | -             | -        | 44  | 54 | 63  | 110 | 21 |
| HE-531        | 1.1/16"      | HIM-527       | 27       | 46  | 54 | 63  | 110 | 23 |
| HE-532        | 1.1/8"       | -             | -        | 49  | 54 | 63  | 110 | 23 |
| HE-533        | 1.3/16"      | HIM-530       | 30       | 50  | 54 | 63  | 110 | 24 |
| HE-534        | 1.1/4"       | HIM-532       | 32       | 52  | 54 | 63  | 110 | 26 |
| HE-535        | 1.5/16"      | -             | -        | 54  | 54 | 63  | 110 | 26 |
| HE-536        | 1.3/8"       | -             | -        | 56  | 54 | 66  | 110 | 28 |
| HE-537        | 1.7/16"      | HIM-536       | 36       | 58  | 54 | 66  | 110 | 28 |
| HE-538        | 1.1/2"       | HIM-538       | 38       | 62  | 54 | 66  | 110 | 30 |
| HE-538 A      | 1.9/16"      | -             | -        | 65  | 54 | 68  | 110 | 32 |
| HE-539        | 1.5/8"       | -             | -        | 67  | 54 | 68  | 110 | 36 |
| HE-540        | 1.11/16"     | HIM-541       | 41       | 67  | 54 | 68  | 110 | 36 |
| HE-541        | 1.3/4"       | -             | -        | 67  | 54 | 68  | 110 | 36 |
| HE-542        | 1.13/16"     | -             | -        | 72  | 54 | 74  | 110 | 36 |
| HE-543        | 1.7/8"       | HIM-546       | 46       | 74  | 54 | 74  | 110 | 36 |
| HE-544        | 1.15/16"     | -             | -        | 74  | 54 | 74  | 110 | 36 |
| HE-545        | 2"           | -             | -        | 75  | 70 | 76  | 110 | 39 |
| HE-546        | 2.1/16"      | HIM-550       | 50       | 77  | 70 | 76  | 110 | 39 |
| HE-547        | 2.3/16"      | -             | -        | 77  | 70 | 76  | 120 | 41 |
| HE-548        | 2.1/4"       | HIM-555       | 55       | 86  | 70 | 78  | 120 | 41 |
| HE-550        | 2.3/8"       | -             | -        | 86  | 70 | 78  | 120 | 41 |
| HE-551        | 2.7/16"      | HIM-560       | 60       | 90  | 70 | 81  | 120 | 45 |
| HE-553        | 2.9/16"      | -             | -        | 90  | 70 | 85  | 120 | 45 |
| HE-554        | 2.5/8"       | HIM-565       | 65       | 98  | 80 | 85  | 120 | 46 |
| HE-556        | 2.3/4"       | -             | -        | 98  | 80 | 85  | 130 | 46 |
| HE-557        | 2.13/16"     | HIM-570       | 70       | 104 | 80 | 90  | 130 | 50 |
| HE-559        | 2.15/16"     | -             | -        | 104 | 80 | 90  | 130 | 50 |
| HE-560        | 3"           | HIM-575       | 75       | 112 | 80 | 94  | 130 | 57 |
| HE-561        | 3.1/8"       | HIM-580       | 80       | 118 | 80 | 100 | 140 | 62 |
| HE-563        | 3.3/8"       | HIM-585       | 85       | 125 | 80 | 104 | 140 | 62 |

## TYPICAL APPLICATIONS



CONSTRUCTION  
EQUIPMENT



INDUSTRIAL  
MAINTENANCE



MARINE  
APPLICATIONS



MINING  
EQUIPMENT

# IMPACT HEX SOCKET

1-1/2" Sq. Dr. Impact Hex Socket

## FEATURES

- ✓ High-strength alloy steel construction
- ✓ Precision-machined for accurate fit
- ✓ Designed for high-torque impact tools
- ✓ Reduced fastener wear and rounding
- ✓ Heavy-duty industrial performance



| METRIC SIZE   |              | METRIC SIZE   |          | D1  | D2  | S   | L   | T  |
|---------------|--------------|---------------|----------|-----|-----|-----|-----|----|
| HEMS PART No. | A/F (inches) | HEMS PART No. | A/F (mm) |     |     |     |     |    |
| HE-631        | 1.1/16"      | -             | -        | 54  | 86  | 80  | 130 | 23 |
| HE-632        | 1.1/8"       | -             | -        | 58  | 86  | 80  | 130 | 23 |
| HE-636        | 1.3/8"       | -             | -        | 64  | 86  | 80  | 130 | 28 |
| HE-637        | 1.7/16"      | HIM-636       | 36       | 64  | 86  | 80  | 130 | 28 |
| HE-638        | 1.1/2"       | HIM-638       | 38       | 69  | 86  | 80  | 130 | 30 |
| HE-638 A      | 1.9/16"      | -             | -        | 69  | 86  | 80  | 130 | 32 |
| HE-639        | 1.5/8"       | HIM-641       | 41       | 69  | 86  | 83  | 130 | 36 |
| HE-640        | 1.11/16"     | -             | -        | 69  | 86  | 83  | 130 | 36 |
| HE-641        | 1.3/4"       | -             | -        | 69  | 86  | 86  | 130 | 36 |
| HE-642        | 1.13/16"     | -             | -        | 76  | 86  | 86  | 130 | 36 |
| HE-643        | 1.7/8"       | HIM-646       | 46       | 76  | 86  | 90  | 130 | 36 |
| HE-645        | 2"           | -             | -        | 81  | 86  | 90  | 130 | 39 |
| HE-646        | 2.1/16"      | HIM-650       | 50       | 81  | 86  | 90  | 140 | 41 |
| HE-647        | 2.3/16"      | -             | -        | 88  | 86  | 95  | 140 | 41 |
| HE-648        | 2.1/4"       | HIM-665       | 55       | 88  | 86  | 95  | 140 | 41 |
| HE-650        | 2.3/8"       | -             | -        | 96  | 86  | 98  | 140 | 45 |
| HE-651        | 2.7/16"      | -             | 60       | 96  | 86  | 98  | 140 | 45 |
| HE-653        | 2.9/16"      | HIM-660       | -        | 102 | 86  | 102 | 140 | 46 |
| HE-654        | 2.5/8"       | -             | -        | 102 | 86  | 102 | 140 | 46 |
| HE-656        | 2.3/4"       | HIM-665       | 70       | 108 | 86  | 102 | 150 | 50 |
| HE-657        | 2.13/16"     | -             | -        | 108 | 86  | 102 | 150 | 50 |
| HE-659        | 2.15/16"     | HIM-680       | 75       | 116 | 86  | 108 | 150 | 57 |
| HE-660        | 3"           | HIM-685       | -        | 116 | 86  | 108 | 150 | 57 |
| HE-661        | 3.1/8"       | HIM-680       | 80       | 120 | 86  | 110 | 150 | 62 |
| HE-663        | 3.3/8"       | HIM-695       | 85       | 130 | 86  | 115 | 170 | 62 |
| HE-664        | 3.1/2"       | HIM-690       | 90       | 135 | 125 | 118 | 170 | 65 |
| HE-665        | 3.3/4"       | HIM-695       | 95       | 140 | 125 | 123 | 170 | 70 |
| HE-666        | 3.7/8"       | HIM-6100      | 100      | 148 | 125 | 128 | 190 | 75 |
| HE-668        | 4.1/8"       | HIM-6105      | 105      | 155 | 125 | 133 | 190 | 80 |
| HE-669        | 4.1/4"       | -             | -        | 155 | 125 | 133 | 190 | 80 |
| -             | -            | HIM-6110      | 110      | 161 | 150 | 138 | 200 | 85 |
| HE-670        | 4.1/2"       | HIM-6115      | 115      | 162 | 150 | 143 | 200 | 94 |
| HE-671        | 4.5/8"       | HIM-6120      | 120      | 175 | 150 | 149 | 200 | 94 |

## TYPICAL APPLICATIONS



CONSTRUCTION  
EQUIPMENT



INDUSTRIAL  
MAINTENANCE



MARINE  
APPLICATIONS



MINING  
EQUIPMENT

# IMPACT HEX SOCKET

2-1/2" Sq. Dr. Impact Hex Socket

## FEATURES

- ✓ High-strength alloy steel construction
- ✓ Precision-machined for accurate fit
- ✓ Designed for high-torque impact tools
- ✓ Reduced fastener wear and rounding
- ✓ Heavy-duty industrial performance



| SAE SIZE      |              | METRIC SIZE   |          | D1  | D2  | S   | L   | T   |
|---------------|--------------|---------------|----------|-----|-----|-----|-----|-----|
| HEMS PART No. | A/F (inches) | HEMS PART No. | A/F (mm) |     |     |     |     |     |
| HE-750        | 2.3/8"       | HIM-760       | 60       | 120 | 125 | 120 | 190 | 45  |
| HE-753        | 2.9/16"      | HIM-765       | 65       | 125 | 125 | 120 | 190 | 46  |
| HE-756        | 2.3/4"       | HIM-770       | 70       | 130 | 125 | 120 | 190 | 50  |
| HE-759        | 2.15/16"     | HIM-775       | 75       | 130 | 125 | 130 | 190 | 57  |
| HE-761        | 3.1/8"       | HIM-780       | 80       | 135 | 125 | 140 | 190 | 62  |
| HE-763        | 3.3/8"       | HIM-785       | 85       | 140 | 125 | 140 | 190 | 62  |
| HE-764 A      | 3.5/8"       | HIM-790       | 90       | 145 | 125 | 140 | 190 | 65  |
| HE-765        | 3.3/4"       | HIM-795       | 95       | 155 | 125 | 150 | 190 | 70  |
| HE-766        | 3.7/8"       | -             | -        | 155 | 125 | 125 | 190 | 70  |
| HE-767        | 4"           | HIM-7100      | 100      | 160 | 125 | 125 | 200 | 75  |
| HE-768        | 4.1/8"       | HIM-7105      | 105      | 165 | 125 | 160 | 200 | 80  |
| HE-769 A      | 4.3/8"       | HIM-7110      | 110      | 174 | 150 | 160 | 160 | 85  |
| HE-770        | 4.1/2"       | HIM-7115      | 115      | 180 | 150 | 170 | 210 | 90  |
| HE-771        | 4.5/8"       | -             | -        | 180 | 150 | 175 | 220 | 94  |
| HE-772        | 4.3/4"       | HIM-7120      | 120      | 185 | 150 | 175 | 220 | 94  |
| HE-773        | 4.7/8"       | -             | -        | 185 | 150 | 175 | 220 | 94  |
| TI-774        | 5"           | -             | -        | 195 | 150 | 175 | 220 | 98  |
| -             | -            | HIM-7130      | 130      | 195 | 150 | 175 | 220 | 98  |
| TI-775        | 5.3/8"       | HIM-7135      | 135      | 205 | 150 | 180 | 220 | 102 |
| TI-778        | 5.3/4"       | HIM-7145      | 145      | 220 | 150 | 180 | 230 | 105 |
| -             | -            | HIM-7150      | 150      | 230 | 180 | 190 | 250 | 110 |
| TI-781        | 6.1/8"       | HIM-7155      | 155      | 230 | 180 | 190 | 250 | 110 |
| -             | -            | HIM-7160      | 160      | 240 | 180 | 190 | -   | 110 |
| TI-784        | 6.1/2"       | HIM-7165      | 165      | 240 | 180 | 200 | -   | 120 |
| TI-787        | 6.7/8"       | HIM-7175      | 175      | 255 | 180 | 200 | -   | 120 |
| TI-790        | 7.1/4"       | HIM-7185      | 185      | 270 | 180 | 210 | -   | 130 |
| TI-793        | 7.5/8"       | HIM-7195      | 195      | 275 | 180 | 210 | -   | 130 |
| TI-796        | 8"           | HIM-7200      | 200      | 290 | 180 | 225 | -   | 140 |

## TYPICAL APPLICATIONS



CONSTRUCTION  
EQUIPMENT



INDUSTRIAL  
MAINTENANCE



MARINE  
APPLICATIONS



MINING  
EQUIPMENT

# IMPACT HEX SOCKET

## 3-1/2" Sq. Dr. Impact Hex Socket

HEMS Impact Hex Sockets are engineered for high-torque fastening applications, delivering exceptional strength, durability, and precise fitment. Manufactured from premium-grade alloy steel, they provide reliable performance for heavy equipment maintenance, mining, construction, and industrial repair operations.

### FEATURES

- ✓ High-strength alloy steel construction
- ✓ Precision-machined for accurate fit
- ✓ Designed for high-torque impact tools
- ✓ Reduced fastener wear and rounding
- ✓ Heavy-duty industrial performance



| SEA SIZE      |              | METRIC SIZE   |          | D1  | D2  | S   | L   | T   |
|---------------|--------------|---------------|----------|-----|-----|-----|-----|-----|
| HEMS PART No. | A/F (inches) | HEMS PART No. | A/F (mm) |     |     |     |     |     |
| HE-871        | 4.5/8"       | HIM-8120      | 120      | 180 | 175 | 182 | 277 | 72  |
| HE-873        | 4.7/8"       | HIM-8130      | 130      | 193 | 175 | 190 | 280 | 80  |
| HE-874        | 5.1/4"       | HIM-8135      | 135      | 197 | 175 | 198 | 280 | 83  |
| HE-875        | 5.3/8"       | HIM-8145      | 145      | 213 | 175 | 214 | 295 | 86  |
| HE-877        | 5.5/8"       | HIM-8150      | 150      | 218 | 175 | 214 | 295 | 90  |
| HE-878        | 5.3/4"       | HIM-8155      | 155      | 225 | 175 | 214 | 297 | 92  |
| HE-884        | 6.1/2"       | HIM-8165      | 165      | 237 | 175 | 231 | 313 | 98  |
| HE-886        | 6.3/4"       | HIM-8170      | 170      | 243 | 175 | 231 | 313 | 100 |
| HE-888        | 7"           | HIM-8180      | 180      | 255 | 175 | 237 | 320 | 108 |
| HE-893        | 7.5/8"       | HIM-8195      | 195      | 275 | 175 | 245 | 328 | 118 |
| HE-896        | 8"           | HIM-8200      | 200      | 280 | 175 | 250 | 332 | 120 |
| HE-8100       | 8.1/2"       | HIM-8215      | 215      | 298 | 175 | 263 | 346 | 125 |
| HE-8104       | 9"           | HIM-8230      | 230      | 317 | 175 | 279 | 359 | 132 |
| HE-8105       | 9.1/8"       | HIM-8235      | 235      | 325 | 175 | 279 | 362 | 136 |

### TYPICAL APPLICATIONS



CONSTRUCTION  
EQUIPMENT



INDUSTRIAL  
MAINTENANCE



MARINE  
APPLICATIONS



MINING  
EQUIPMENT

# IMPACT HEX BIT SOCKET

## 1/4" Sq. Dr. Impact Hex Bit Socket

HEMS Impact Hex Bit Sockets are engineered for high-torque fastening applications, delivering exceptional strength, durability, and precise fitment. Manufactured from premium-grade alloy steel, they provide reliable performance for heavy equipment maintenance, mining, construction, and industrial repair operations.



### FEATURES

- ✓ High-strength alloy steel construction
- ✓ Precision-machined for accurate fit
- ✓ Designed for high-torque impact tools
- ✓ Reduced fastener wear and rounding
- ✓ Heavy-duty industrial performance

| SEA SIZE      |              | METRIC SIZE   |          | APPROX OAL (mm) | HEX BIT LENGTH (mm) |
|---------------|--------------|---------------|----------|-----------------|---------------------|
| HEMS PART No. | A/F (inches) | HEMS PART No. | A/F (mm) |                 |                     |
| HEL-110       | 1/8"         | HIM-103       | 3        | 41              | 15                  |
| HEL-111       | 5/32"        | HIM-104       | 4        | 42              | 15                  |
| HEL-112       | 3/16"        | HIM-105       | 5        | 43              | 20                  |
| HEL-113       | 7/32"        | -             | -        | 44              | 20                  |
| HEL-114       | 1/4"         | HIM-106       | 6        | 45              | 25                  |

### TYPICAL APPLICATIONS



CONSTRUCTION  
EQUIPMENT



INDUSTRIAL  
MAINTENANCE



MARINE  
APPLICATIONS



MINING  
EQUIPMENT

# IMPACT HEX BIT SOCKET

## 3/8" Sq. Dr. Impact Hex Bit Socket

HEMS Impact Hex Bit Sockets are engineered for high-torque fastening applications, delivering exceptional strength, durability, and precise fitment. Manufactured from premium-grade alloy steel, they provide reliable performance for heavy equipment maintenance, mining, construction, and industrial repair operations.



### FEATURES

- ✓ High-strength alloy steel construction
- ✓ Precision-machined for accurate fit
- ✓ Designed for high-torque impact tools
- ✓ Reduced fastener wear and rounding
- ✓ Heavy-duty industrial performance

| SEA SIZE      |              | METRIC SIZE   |          | APPROX OAL (mm) | HEX BIT LENGTH (mm) |
|---------------|--------------|---------------|----------|-----------------|---------------------|
| HEMS PART No. | A/F (inches) | HEMS PART No. | A/F (mm) |                 |                     |
| HEL-210       | 1/8"         | HIM-203       | 3        | 44              | 15                  |
| HEL-211       | 5/32"        | HIM-204       | 4        | 44              | 15                  |
| HEL-212       | 3/16"        | HIM-205       | 5        | 47              | 20                  |
| HEL-213       | 7/32"        | -             | -        | 49              | 20                  |
| HEL-214       | 1/4"         | HIM-206       | 6        | 49              | 20                  |
| HEL-216       | 5/16"        | HIM-208       | 8        | 49              | 25                  |
| HEL-218       | 3/8"         | HIM-210       | 10       | 50              | 25                  |

### TYPICAL APPLICATIONS



CONSTRUCTION  
EQUIPMENT



INDUSTRIAL  
MAINTENANCE



MARINE  
APPLICATIONS



MINING  
EQUIPMENT

# IMPACT HEX BIT SOCKET

## 1/2" Sq. Dr. Impact Hex Bit Socket

HEMS Impact Hex Bit Sockets are engineered for high-torque fastening applications, delivering exceptional strength, durability, and precise fitment. Manufactured from premium-grade alloy steel, they provide reliable performance for heavy equipment maintenance, mining, construction, and industrial repair operations.



### FEATURES

- ✓ High-strength alloy steel construction
- ✓ Precision-machined for accurate fit
- ✓ Designed for high-torque impact tools
- ✓ Reduced fastener wear and rounding
- ✓ Heavy-duty industrial performance

| SEA SIZE      |              | METRIC SIZE   |          | APPROX OAL (mm) | HEX BIT LENGTH (mm) |
|---------------|--------------|---------------|----------|-----------------|---------------------|
| HEMS PART No. | A/F (inches) | HEMS PART No. | A/F (mm) |                 |                     |
| HEI-314       | 1/4"         | HIM-306       | 6        | 53              | 20                  |
| HEI-316       | 5/16"        | HIM-308       | 8        | 53              | 25                  |
| HEI-318       | 3/8"         | HIM-310       | 10       | 57              | 25                  |
| HEI-320       | 1/2"         | HIM-312       | 12       | 63              | 30                  |
| HEI-321       | 9/16"        | HIM-314       | 14       | 63              | 30                  |
| HEI-323       | 5/8"         | HIM-317       | 17       | 73              | 40                  |

### TYPICAL APPLICATIONS



CONSTRUCTION  
EQUIPMENT



INDUSTRIAL  
MAINTENANCE



MARINE  
APPLICATIONS



MINING  
EQUIPMENT

# IMPACT HEX BIT SOCKET

## 3/4" Sq. Dr. Impact Hex Bit Socket

HEMS Impact Hex Bit Sockets are engineered for high-torque fastening applications, delivering exceptional strength, durability, and precise fitment. Manufactured from premium-grade alloy steel, they provide reliable performance for heavy equipment maintenance, mining, construction, and industrial repair operations.

### FEATURES

- ✓ High-strength alloy steel construction
- ✓ Precision-machined for accurate fit
- ✓ Designed for high-torque impact tools
- ✓ Reduced fastener wear and rounding
- ✓ Heavy-duty industrial performance



| SEA SIZE      |              | METRIC SIZE   |          | APPROX OAL (mm) | HEX BIT LENGTH (mm) |
|---------------|--------------|---------------|----------|-----------------|---------------------|
| HEMS PART No. | A/F (inches) | HEMS PART No. | A/F (mm) |                 |                     |
| HEI-420       | 1/2"         | HIM-412       | 12       | 80              | 30                  |
| HEI-421       | 9/16"        | HIM-414       | 14       | 80              | 30                  |
| HEI-423       | 5/8"         | HIM-417       | 17       | 90              | 40                  |
| 425           | 3/4"         | HIM-419       | 19       | 95              | 40                  |
| HEI-428       | 7/8"         | HIM-422       | 22       | 95              | 45                  |
| -             | -            | HIM-424       | 24       | 100             | 50                  |

### TYPICAL APPLICATIONS



CONSTRUCTION  
EQUIPMENT



INDUSTRIAL  
MAINTENANCE



MARINE  
APPLICATIONS



MINING  
EQUIPMENT

# IMPACT HEX BIT SOCKET

## 1" Sq. Dr. Impact Hex Bit Socket

HEMS Impact Hex Bit Sockets are engineered for high-torque fastening applications, delivering exceptional strength, durability, and precise fitment. Manufactured from premium-grade alloy steel, they provide reliable performance for heavy equipment maintenance, mining, construction, and industrial repair operations.



### FEATURES

- ✓ High-strength alloy steel construction
- ✓ Precision-machined for accurate fit
- ✓ Designed for high-torque impact tools
- ✓ Reduced fastener wear and rounding
- ✓ Heavy-duty industrial performance

| SEA SIZE      |              | METRIC SIZE   |          | APPROX OAL (mm) | HEX BIT LENGTH (mm) |
|---------------|--------------|---------------|----------|-----------------|---------------------|
| HEMS PART No. | A/F (inches) | HEMS PART No. | A/F (mm) |                 |                     |
| HEI-518       | 3/8"         | -             | -        | 81              | 26                  |
| HEI-520       | 1/2"         | -             | -        | 84              | 30                  |
| HEI-521       | 9/16"        | -             | -        | 86              | 30                  |
| HEI-523       | 5/8"         | -             | -        | 98              | 40                  |
| -             | -            | HIM-517       | 17       | 100             | 40                  |
| HEI-525       | 3/4"         | HIM-519       | 19       | 107             | 45                  |
| HEI-528       | 7/8"         | HIM-522       | 22       | 112             | 45                  |
| HEI-529       | 15/16"       | HIM-524       | 24       | 120             | 50                  |
| HEI-530       | 1"           | -             | -        | 120             | 50                  |
| HEI-531       | 1.1/16"      | HIM-527       | 27       | 120             | 50                  |
| -             | -            | HIM-530       | 30       | 120             | 50                  |
| HEI-532       | 1.1/8"       | -             | -        | 120             | 50                  |
| -             | -            | HIM-532       | 32       | 120             | 50                  |
| -             | -            | HIM-536       | 36       | 120             | 50                  |

### TYPICAL APPLICATIONS



CONSTRUCTION  
EQUIPMENT



INDUSTRIAL  
MAINTENANCE



MARINE  
APPLICATIONS



MINING  
EQUIPMENT

# IMPACT HEX BIT SOCKET

## 1-1/2" Sq. Dr. Impact Hex Bit Socket

HEMS Impact Hex Bit Sockets are engineered for high-torque fastening applications, delivering exceptional strength, durability, and precise fitment. Manufactured from premium-grade alloy steel, they provide reliable performance for heavy equipment maintenance, mining, construction, and industrial repair operations.

### FEATURES

- ✓ High-strength alloy steel construction
- ✓ Precision-machined for accurate fit
- ✓ Designed for high-torque impact tools
- ✓ Reduced fastener wear and rounding
- ✓ Heavy-duty industrial performance



| SEA SIZE      |              | METRIC SIZE   |          | APPROX OAL (mm) | HEX BIT LENGTH (mm) |
|---------------|--------------|---------------|----------|-----------------|---------------------|
| HEMS PART No. | A/F (inches) | HEMS PART No. | A/F (mm) |                 |                     |
| HEI-630       | 1"           | -             | -        | 140             | 50                  |
| HEI-631       | 1.1/16"      | -             | -        | 140             | 50                  |
| HEI-632       | 1.1/8"       | HIM-630       | 30       | 140             | 50                  |
| HEI-634       | 1.1/4"       | HIM-632       | 32       | 140             | 50                  |
| -             | -            | HIM-636       | 36       | 145             | 55                  |
| HEI-638       | 1.1/2"       | -             | -        | 145             | 55                  |
| -             | -            | HIM-641       | 41       | 160             | 60                  |
| HEI-641       | 1.3/4"       | -             | -        | 170             | 70                  |
| -             | -            | HIM-646       | 46       | 170             | 70                  |
| HEI-645       | 2"           | HIM-650       | 50       | 170             | 70                  |

### TYPICAL APPLICATIONS



CONSTRUCTION  
EQUIPMENT



INDUSTRIAL  
MAINTENANCE



MARINE  
APPLICATIONS



MINING  
EQUIPMENT

# IMPACT HEX SOCKET

## 1/4" Sq. Dr. Impact Hex Socket

HEMS Impact Hex Bit Sockets are engineered for high-torque fastening applications, delivering exceptional strength, durability, and precise fitment. Manufactured from premium-grade alloy steel, they provide reliable performance for heavy equipment maintenance, mining, construction, and industrial repair operations.

### FEATURES

- ✓ High-strength alloy steel construction
- ✓ Precision-machined for accurate fit
- ✓ Designed for high-torque impact tools
- ✓ Reduced fastener wear and rounding
- ✓ Heavy-duty industrial performance



| SEA SIZE      |              | METRIC SIZE   |          | D1   | D2 | S  | L  | T  |
|---------------|--------------|---------------|----------|------|----|----|----|----|
| HEMS PART No. | A/F (inches) | HEMS PART No. | A/F (mm) |      |    |    |    |    |
| HT-114        | 1/4"         | HM-16         | 6        | 10.5 | 15 | 25 | 50 | 10 |
| HT-115        | 9/32"        | HM-18         | 7        | 11   | 15 | 25 | 50 | 10 |
| HT-116        | 5/16"        | HM-18         | 8        | 12.5 | 15 | 25 | 50 | 10 |
| HT-117        | 11/32"       | HM-19         | 9        | 14   | 15 | 25 | 50 | 10 |
| HT-118        | 3/8"         | HM-110        | 10       | 15   | 15 | 25 | 50 | 10 |
| HT-119        | 7/16"        | HM-111        | 17       | 16.5 | 15 | 25 | 50 | 12 |
| -             | -            | HM-112        | 12       | 17.5 | 16 | 25 | 50 | 12 |
| HT-120        | 1/2"         | HM-113        | 13       | 18.5 | 16 | 25 | 50 | 13 |
| HT-121        | 9/16"        | HM-114        | 14       | 20.5 | 16 | 28 | 50 | 13 |

### TYPICAL APPLICATIONS



CONSTRUCTION  
EQUIPMENT



INDUSTRIAL  
MAINTENANCE



MARINE  
APPLICATIONS



MINING  
EQUIPMENT

# IMPACT HEX SOCKET

## 3/8" Sq. Dr. Impact Hex Socket

HEMS Impact Hex Bit Sockets are engineered for high-torque fastening applications, delivering exceptional strength, durability, and precise fitment. Manufactured from premium-grade alloy steel, they provide reliable performance for heavy equipment maintenance, mining, construction, and industrial repair operations.

### FEATURES

- ✓ High-strength alloy steel construction
- ✓ Precision-machined for accurate fit
- ✓ Designed for high-torque impact tools
- ✓ Reduced fastener wear and rounding
- ✓ Heavy-duty industrial performance



| SEA SIZE      |              | METRIC SIZE   |          | D1   | D2 | S  | L  | T  |
|---------------|--------------|---------------|----------|------|----|----|----|----|
| HEMS PART No. | A/F (inches) | HEMS PART No. | A/F (mm) |      |    |    |    |    |
| HT-214        | 1/4"         | HM-206        | 1/64"    | 10.5 | 21 | 30 | 60 | 8  |
| -             | -            | HM-207        | 7        | 11   | 21 | 30 | 60 | 8  |
| HT-216        | 5/16"        | HM-208        | 8        | 13   | 21 | 30 | 60 | 10 |
| -             | -            | HM-209        | 9        | 13.5 | 21 | 30 | 60 | 10 |
| HT-218        | 3/8"         | HM-210        | 10       | 15   | 21 | 30 | 60 | 10 |
| HT-219        | 7/16"        | HM-211        | 11       | 17   | 21 | 30 | 60 | 12 |
| -             | -            | HM-212        | 12       | 18   | 21 | 30 | 60 | 12 |
| HT-220        | 1/2"         | HM-213        | 13       | 19   | 21 | 30 | 60 | 12 |
| HT-221        | 9/16"        | HM-214        | 14       | 21   | 21 | 30 | 60 | 13 |
| -             | -            | HM-215        | 15       | 22   | 22 | 32 | 60 | 15 |
| HT-223        | 5/8"         | HM-216        | 16       | 24   | 22 | 32 | 60 | 15 |
| HT-224        | 11/16"       | HM-217        | 17       | 25   | 22 | 32 | 60 | 15 |
| -             | -            | HM-225        | 18       | 26   | 22 | 32 | 60 | 15 |
| HT-225        | 3/4"         | HM-219        | 19       | 27   | 25 | 32 | 60 | 16 |
| -             | -            | HM-220        | 20       | 28   | 25 | 32 | 60 | 16 |
| HT-227        | 13/16"       | HM-221        | 21       | 29   | 25 | 34 | 60 | 18 |
| HT-228        | 7/8"         | HM-222        | 22       | 29   | 25 | 34 | 60 | 18 |

### TYPICAL APPLICATIONS



CONSTRUCTION  
EQUIPMENT



INDUSTRIAL  
MAINTENANCE



MARINE  
APPLICATIONS



MINING  
EQUIPMENT

# IMPACT HEX SOCKET

## 1/2" Sq. Dr. Impact Hex Socket

HEMS Impact Hex Bit Sockets are engineered for high-torque fastening applications, delivering exceptional strength, durability, and precise fitment. Manufactured from premium-grade alloy steel, they provide reliable performance for heavy equipment maintenance, mining, construction, and industrial repair operations.

### FEATURES

- ✓ High-strength alloy steel construction
- ✓ Precision-machined for accurate fit
- ✓ Designed for high-torque impact tools
- ✓ Reduced fastener wear and rounding
- ✓ Heavy-duty industrial performance



| SAE SIZE      |              | METRIC SIZE   |          | D1   | D2 | S  | L  | T  |
|---------------|--------------|---------------|----------|------|----|----|----|----|
| HEMS PART NO. | A/F (inches) | HEMS PART No. | A/F (mm) |      |    |    |    |    |
| -             | -            | HM - 308      | 8        | 15   | 26 | 38 | 80 | 10 |
| -             | -            | HM - 309      | 9        | 15   | 26 | 38 | 80 | 10 |
| HT - 318      | 3/8"         | HM - 310      | 10       | 16   | 26 | 38 | 80 | 10 |
| HT - 319      | 7/16"        | HM - 311      | 11       | 18   | 26 | 38 | 80 | 12 |
| -             | -            | HM - 312      | 12       | 19   | 26 | 38 | 80 | 12 |
| HT - 320      | 1/2"         | HM - 313      | 13       | 20   | 26 | 38 | 80 | 12 |
| HT - 321      | 9/16"        | HM - 314      | 14       | 22   | 26 | 38 | 80 | 12 |
| -             | -            | HM - 315      | 15       | 23   | 26 | 38 | 80 | 13 |
| HT - 323      | 5/8"         | HM - 316      | 16       | 24.5 | 26 | 38 | 80 | 14 |
| HT - 324      | 11/16"       | HM - 317      | 17       | 26   | 26 | 38 | 80 | 14 |
| -             | -            | HM - 318      | 18       | 27   | 26 | 40 | 80 | 14 |
| HT - 325      | 3/4"         | HM - 319      | 19       | 28   | 26 | 40 | 80 | 14 |
| -             | -            | HM - 320      | 20       | 29   | 26 | 40 | 80 | 16 |
| HT - 327      | 13/16"       | HM - 321      | 21       | 31   | 28 | 40 | 80 | 16 |
| HT - 328      | 7/8"         | HM - 322      | 22       | 33   | 28 | 40 | 80 | 18 |
| -             | -            | HM - 323      | 23       | 34   | 28 | 42 | 80 | 18 |
| HT - 329      | 15/16"       | HM - 324      | 24       | 35   | 32 | 42 | 80 | 18 |
| HT - 330      | 1"           | HM - 325      | 25       | 36.5 | 32 | 42 | 80 | 21 |
| -             | -            | HM - 326      | 26       | 38   | 32 | 42 | 80 | 21 |
| HT - 331      | 1.1/16"      | HM - 327      | 27       | 39   | 32 | 45 | 80 | 21 |
| HT - 332      | 1.1/8"       | HM - 328      | 28       | 42   | 32 | 45 | 80 | 23 |
| HT - 333      | 1.3/16"      | HM - 330      | 30       | 43.5 | 36 | 45 | 80 | 23 |
| HT - 334      | 1.1/4"       | HM - 332      | 32       | 45   | 36 | 45 | 80 | 24 |
| HT - 335      | 1.5/16"      | HM - 334      | 34       | 48   | 36 | 48 | 80 | 26 |
| HT - 336      | 1.3/8"       | -             | -        | 49   | 36 | 48 | 80 | 26 |
| HT - 337      | 1.7/16"      | HM - 336      | 36       | 50   | 36 | 48 | 80 | 29 |
| HT - 338      | 1.1/2"       | HM - 338      | 38       | 52   | 36 | 50 | 80 | 31 |

### TYPICAL APPLICATIONS



CONSTRUCTION  
EQUIPMENT



INDUSTRIAL  
MAINTENANCE



MARINE  
APPLICATIONS



MINING  
EQUIPMENT

# IMPACT HEX SOCKET

## 3/4" Sq. Dr. Impact Hex Socket

HEMS Impact Hex Sockets are engineered for high-torque fastening applications, delivering exceptional strength, durability, and precise fitment. Manufactured from premium-grade alloy steel, they provide reliable performance for heavy equipment maintenance, mining, construction, and industrial repair operations.



| SAE SIZE      |              | METRIC SIZE   |          | D1 | D2 | S  | L   | T  |
|---------------|--------------|---------------|----------|----|----|----|-----|----|
| HEMS PART No. | A/F (inches) | HEMS PART No. | A/F (mm) |    |    |    |     |    |
| HT-421        | 9/16"        | -             | -        | 26 | 38 | 48 | 90  | 13 |
| HT-423        | 5/8"         | -             | -        | 28 | 38 | 48 | 90  | 14 |
| HT-424        | 11/16"       | HM-417        | 17       | 30 | 38 | 48 | 90  | 14 |
| HT-425        | 3/4"         | HM-419        | 19       | 32 | 38 | 50 | 90  | 16 |
| HT-427        | 13/16"       | -             | -        | 34 | 38 | 50 | 90  | 16 |
| HT-428        | 7/8"         | HM-422        | 22       | 34 | 38 | 50 | 90  | 18 |
| HT-429        | 15/16"       | HM-424        | 24       | 36 | 38 | 50 | 90  | 21 |
| HT-430        | 1"           | -             | -        | 38 | 38 | 50 | 90  | 21 |
| HT-431        | 1.1/16"      | HM-427        | 27       | 40 | 40 | 50 | 90  | 23 |
| HT-432        | 1.1/8"       | -             | -        | 43 | 40 | 50 | 90  | 23 |
| HT-433        | 1.3/16"      | HM-430        | 30       | 44 | 40 | 55 | 90  | 24 |
| HT-434        | 1.1/4"       | HM-432        | 32       | 46 | 40 | 55 | 90  | 26 |
| HT-435        | 1.5/16"      | -             | -        | 48 | 40 | 55 | 90  | 26 |
| HT-436        | 1.3/8"       | -             | -        | 49 | 40 | 55 | 90  | 28 |
| HT-437        | 1.7/16"      | HM-436        | 36       | 52 | 40 | 55 | 90  | 28 |
| HT-438        | 1.1/2"       | HM-438        | 38       | 54 | 50 | 60 | 90  | 30 |
| HT-439        | 1.5/8"       | HM-441        | 41       | 56 | 50 | 63 | 90  | 32 |
| HT-440        | 1.11/16"     | -             | -        | 59 | 50 | 65 | 100 | 32 |
| HT-441        | 1.3/4"       | -             | -        | 61 | 50 | 65 | 100 | 36 |
| HT-442        | 1.13/8"      | HM-446        | 46       | 63 | 50 | 68 | 100 | 36 |
| HT-443        | 1.7/8"       | -             | -        | 66 | 60 | 68 | 100 | 36 |
| HT-445        | 2"           | HM-450        | 50       | 68 | 60 | 70 | 100 | 39 |
| -             | -            | HM-455        | 55       | 76 | 60 | 72 | 110 | 41 |
| -             | -            | HM-460        | 60       | 84 | 60 | 75 | 110 | 45 |

### TYPICAL APPLICATIONS



CONSTRUCTION  
EQUIPMENT



INDUSTRIAL  
MAINTENANCE



MARINE  
APPLICATIONS



MINING  
EQUIPMENT

# IMPACT HEX SOCKET

## 1" Sq. Dr. Impact Hex Socket

HEMS Impact Hex Sockets are engineered for high-torque fastening applications, delivering exceptional strength, durability, and precise fitment. Manufactured from premium-grade alloy steel, they provide reliable performance for heavy equipment maintenance, mining, construction, and industrial repair operations.



| SAE SIZE      |              | METRIC SIZE   |          | D1  | D2 | S   | L   | T  |
|---------------|--------------|---------------|----------|-----|----|-----|-----|----|
| HEMS PART No. | A/F (inches) | HEMS PART No. | A/F (mm) |     |    |     |     |    |
| HT-531        | 1.1/16"      | HM-527        | 27       | 40  | 48 | 63  | 110 | 23 |
| HT-532        | 1.1/8"       | -             | -        | 46  | 48 | 63  | 110 | 23 |
| HT-533        | -            | HM-530        | 30       | 46  | 48 | 63  | 110 | 24 |
| HT-534        | 1.1/4"       | HM-532        | 32       | 48  | 48 | 63  | 110 | 26 |
| HT-535        | 1.5/16"      | -             | -        | 50  | 48 | 63  | 110 | 26 |
| HT-536        | 1.3/8"       | -             | -        | 54  | 48 | 66  | 110 | 28 |
| HT-537        | 1.7/16"      | HM-536        | 36       | 55  | 48 | 66  | 110 | 30 |
| HT-538        | 1.1/2"       | HM-538        | 38       | 57  | 48 | 66  | 110 | 30 |
| HT-539        | 1.5/8"       | HM-541        | 41       | 60  | 50 | 68  | 110 | 36 |
| HT-540        | 1.11/16"     | -             | -        | 63  | 50 | 68  | 110 | 36 |
| HT-542        | 1.13/16"     | HM-546        | 46       | 66  | 60 | 74  | 110 | 36 |
| HT-543        | 1.7/8"       | -             | -        | 66  | 60 | 74  | 110 | 36 |
| HT-544        | 1.5/16"      | -             | -        | 69  | 60 | 76  | 110 | 39 |
| HT-545        | 2"           | HM-550        | 50       | 71  | 60 | 76  | 110 | 39 |
| HT-546        | 2.1/16"      | -             | -        | 75  | 60 | 76  | 110 | 41 |
| HT-547        | 2.3/16"      | HM-555        | 55       | 78  | 60 | 78  | 120 | 41 |
| HT-548        | 2.1/4"       | -             | -        | 82  | 60 | 78  | 120 | 41 |
| HT-550        | 2.3/8"       | HM-560        | 60       | 84  | 60 | 81  | 120 | 45 |
| HT-551        | 2.7/16"      | -             | -        | 86  | 60 | 81  | 120 | 45 |
| HT-553        | 2.9/16"      | HM-565        | 65       | 90  | 80 | 85  | 120 | 48 |
| HT-554        | 2.5/8"       | -             | -        | 94  | 80 | 85  | 120 | 48 |
| HT-556        | 2.3/4"       | HM-570        | 70       | 96  | 80 | 90  | 120 | 48 |
| HT-557        | 2.13/16"     | -             | -        | 99  | 80 | 90  | 120 | 48 |
| HT-559        | 2.15/16"     | HM-575        | 75       | 102 | 80 | 94  | 120 | 48 |
| HT-560        | 3"           | -             | -        | 105 | 80 | 94  | 120 | 54 |
| HT-561        | 3.1/8"       | HM-580        | 80       | 108 | 80 | 98  | 140 | 57 |
| HT-563        | 3.3/8"       | HM-585        | 85       | 114 | 80 | 104 | 140 | 57 |
| -             | 3.1/2"       | -             | -        | 112 | 80 | 104 | 140 | 57 |

### TYPICAL APPLICATIONS



CONSTRUCTION  
EQUIPMENT



INDUSTRIAL  
MAINTENANCE



MARINE  
APPLICATIONS



MINING  
EQUIPMENT

# SQUARE DRIVE ADAPTER

## HIA SERIES

HEMS Impact Adaptors provide a reliable connections between different square-drive sizes, allowing impact tools and sockets to be used across a wider range of applications. Manufactured for strength and durability in demanding industrial environments.

### FEATURES

- ✓ Heavy-duty construction for demanding applications
- ✓ Connects different square-drive sizes
- ✓ Compact design for easy handling
- ✓ Suitable for impact tools and sockets



### SPECIFICATIONS

| METRIC SIZE   |            | MALE SQ. | OAL (mm) |
|---------------|------------|----------|----------|
| HEMS PART No. | FEMALE SQ. |          |          |
| HIA-1         | 1/4"       | 3/8"     | 27       |
| HIA-2         | 3/8"       | 1/4"     | 32       |
| HIA-3         | 3/8"       | 1/2"     | 35       |
| HIA-4         | 1/2"       | 3/8"     | 38       |
| HIA-5         | 3/4"       | 1/2"     | 44       |
| HIA-6         | 1/2"       | 3/4"     | 44       |
| HIA-7         | 1/2"       | 1/2"     | 38       |
| HIA-8         | 3/4"       | 3/4"     | 44       |
| HIA-8         | 3/4"       | 1"       | 44       |
| HIA-10        | 1"         | 3/4"     | 70       |
| HIA-11        | 1"         | 1-1/2"   | 90       |
| HIA-12        | 1"         | 1"       | 80       |
| HIA-14        | 1-1/2"     | 1"       | 110      |
| HIA-16        | 1-1/2"     | 2-1/2"   | 135      |
| HIA-17        | 2-1/2"     | 1-1/2"   | 165      |
| HIA-18        | 2-1/2"     | 3-1/2"   | 210      |
| HIA-19        | 3-1/2"     | 2-1/2"   | 240      |

### TYPICAL APPLICATIONS



CONSTRUCTION  
EQUIPMENT



INDUSTRIAL  
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APPLICATIONS



MINING  
EQUIPMENT

# EXTENSION BARS

## HIB SERIES

HEMS Impact Extension Bars provide additional reach when accessing recessed or difficult-to-reach fasteners. Manufactured for strength, durability and reliable torque transfer, they are designed to withstand demanding industrial environments. Available in various drive sizes and lengths, the HIB Series offers a practical solution for construction, maintenance, marine and mining applications.



### SPECIFICATIONS

| METRIC SIZE   |            | MALE SQ. | OAL (mm) |
|---------------|------------|----------|----------|
| HEMS PART No. | FEMALE SQ. |          |          |
| HIB-1055      | 1/4"       | 1/4"     | 55       |
| HIB-1100      | 1/4"       | 1/4"     | 100      |
| HIB-1150      | 1/4"       | 1/4"     | 150      |
| HIB-2075      | 3/8"       | 3/8"     | 75       |
| HIB-2150      | 3/8"       | 3/8"     | 150      |
| HIB-2300      | 3/8"       | 3/8"     | 300      |
| HIB-3075      | 1/2"       | 1/2"     | 75       |
| HIB-3125      | 1/2"       | 1/2"     | 125      |
| HIB-3250      | 1/2"       | 1/2"     | 250      |
| HIB-4175      | 3/4"       | 3/4"     | 175      |
| HIB-4210      | 3/4"       | 3/4"     | 210      |
| HIB-4430      | 3/4"       | 3/4"     | 430      |
| HIB-5175      | 1"         | 1"       | 175      |
| HIB-5200      | 1"         | 1"       | 200      |
| HIB-5400      | 1"         | 1"       | 400      |
| HIB-6250      | 1.1/2"     | 1.1/2"   | 250      |
| HIB-6500      | 1.1/2"     | 1.1/2"   | 500      |
| HIB-7255      | 2.1/2"     | 2.1/2"   | 255      |
| HIB-7380      | 2.1/2"     | 2.1/2"   | 380      |
| HIB-7510      | 2.1/2"     | 2.1/2"   | 510      |
| HIB-8510      | 3.1/2"     | 3.1/2"   | 510      |
| HIB-8750      | 3.1/2"     | 3.1/2"   | 750      |

### TYPICAL APPLICATIONS



CONSTRUCTION  
EQUIPMENT



INDUSTRIAL  
MAINTENANCE



MARINE  
APPLICATIONS



MINING  
EQUIPMENT

# EXTENSION BARS

## 3/8" Sq. Dr. Impact Hex Extension Sockets

HEMS Impact Extension Bars provide additional reach when accessing recessed or difficult-to-reach fasteners. Manufactured for strength, durability and reliable torque transfer, they are designed to withstand demanding industrial environments. Available in various drive sizes and lengths, the HIB Series offers a practical solution for construction, maintenance, marine and mining applications.



### SPECIFICATIONS

| HEMS PART No. | A/F (mm) | OAL (mm) |
|---------------|----------|----------|
| HESM-207      | 7        | 100      |
| HESM-207 L    | 7        | 150      |
| HESM-207 X    | 7        | 200      |
| HESM-207 XL   | 7        | 250      |
| HESM-208      | 8        | 100      |
| HESM-208 L    | 8        | 150      |
| HESM-208 X    | 8        | 200      |
| HESM-208 XL   | 8        | 250      |
| HESM-209      | 9        | 100      |
| HESM-209 L    | 9        | 150      |
| HESM-209 X    | 9        | 200      |
| HESM-209 XL   | 9        | 250      |
| HESM-210      | 10       | 100      |
| HESM-210 L    | 10       | 150      |
| HESM-210 X    | 10       | 200      |
| HESM-210 XL   | 10       | 250      |
| HESM-211      | 11       | 100      |
| HESM-211 L    | 11       | 150      |
| HESM-211 X    | 11       | 200      |
| HESM-211 XL   | 11       | 250      |
| HESM-212      | 12       | 100      |
| HESM-212 L    | 12       | 150      |
| HESM-212 X    | 12       | 200      |
| HESM-212 XL   | 12       | 250      |
| HESM-213      | 13       | 100      |
| HESM-213 L    | 13       | 150      |
| HESM-213 X    | 13       | 200      |
| HESM-213 XL   | 13       | 250      |
| HESM-214      | 14       | 100      |
| HESM-214 L    | 14       | 150      |
| HESM-214 X    | 14       | 200      |
| HESM-214 XL   | 14       | 250      |

### TYPICAL APPLICATIONS



CONSTRUCTION  
EQUIPMENT



INDUSTRIAL  
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MARINE  
APPLICATIONS



MINING  
EQUIPMENT

# EXTENSION BARS

## 1/2" Sq. Dr. Impact Hex Extension Sockets

HEMS Impact Extension Bars provide additional reach when accessing recessed or difficult-to-reach fasteners. Manufactured for strength, durability and reliable torque transfer, they are designed to withstand demanding industrial environments. Available in various drive sizes and lengths, the HIB Series offers a practical solution for construction, maintenance, marine and mining applications.



### SPECIFICATIONS

| HEMS PART No. | A/F (mm) | OAL (mm) |
|---------------|----------|----------|
| HESM-310      | 10       | 100      |
| HESM-310 L    | 10       | 150      |
| HESM-310 X    | 10       | 200      |
| HESM-310 XL   | 10       | 250      |
| HESM-311      | 11       | 100      |
| HESM-311 L    | 11       | 150      |
| HESM-311 X    | 11       | 200      |
| HESM-311 XL   | 11       | 250      |
| HESM-312      | 12       | 100      |
| HESM-312 L    | 12       | 150      |
| HESM-312 X    | 12       | 200      |
| HESM-312 XL   | 12       | 250      |
| HESM-313      | 13       | 100      |
| HESM-313 L    | 13       | 150      |
| HESM-313 X    | 13       | 200      |
| HESM-313 XL   | 13       | 250      |
| HESM-314      | 14       | 100      |
| HESM-314 L    | 14       | 150      |
| HESM-314 X    | 14       | 200      |
| HESM-314 XL   | 14       | 250      |
| HESM-317      | 17       | 100      |
| HESM-317 L    | 17       | 150      |
| HESM-317 X    | 17       | 200      |
| HESM-317 XL   | 17       | 250      |

| HEMS PART No. | A/F (mm) | OAL (mm) |
|---------------|----------|----------|
| HESM-319      | 19       | 100      |
| HESM-319 L    | 19       | 150      |
| HESM-319 X    | 19       | 200      |
| HESM-319 XL   | 19       | 250      |
| HESM-321      | 21       | 100      |
| HESM-321 L    | 21       | 150      |
| HESM-321 X    | 21       | 200      |
| HESM-321 XL   | 21       | 250      |
| HESM-322      | 22       | 100      |
| HESM-322 L    | 22       | 150      |
| HESM-322 X    | 22       | 200      |
| HESM-322 XL   | 22       | 250      |
| HESM-323      | 23       | 100      |
| HESM-323 L    | 23       | 150      |
| HESM-323 X    | 23       | 200      |
| HESM-323 XL   | 23       | 250      |
| HESM-324      | 24       | 100      |
| HESM-324 L    | 24       | 150      |
| HESM-324 X    | 24       | 200      |
| HESM-324 XL   | 24       | 250      |
| HESM-327      | 27       | 100      |
| HESM-327 L    | 27       | 150      |
| HESM-327 X    | 27       | 200      |
| HESM-327 XL   | 27       | 250      |

### TYPICAL APPLICATIONS



CONSTRUCTION  
EQUIPMENT



INDUSTRIAL  
MAINTENANCE



MARINE  
APPLICATIONS



MINING  
EQUIPMENT

# NUT SETTER/ RUNNER

## HNR SERIES

The HNR Series impact hex sockets are engineered for reliable fastening and removal in demanding industrial environments. Manufactured for strength, durability and consistent performance, they provide secure engagement with fasteners while helping reduce slipping and wear. Available in a range of sizes and lengths, including extended options, the HNR Series provides easier access to recessed and difficult-to-reach fasteners across construction, mining, marine and industrial maintenance applications.



| HEMS PART NO. | Hex Drive Flat | A/F (mm) | Socket | OAL (mm) |
|---------------|----------------|----------|--------|----------|
| HNR - 106     | 1/4"           | 6        | 11     | 75       |
| HNR - 106 L   | 1/4"           | 6        | 11     | 100      |
| HNR - 106 X   | 1/4"           | 6        | 11     | 150      |
| HNR - 107     | 1/4"           | 7        | 12     | 75       |
| HNR - 107 L   | 1/4"           | 7        | 12     | 100      |
| HNR - 107 X   | 1/4"           | 7        | 12     | 150      |
| HNR - 108     | 1/4"           | 8        | 13     | 75       |
| HNR - 108 L   | 1/4"           | 8        | 13     | 100      |
| HNR - 108 X   | 1/4"           | 8        | 13     | 150      |
| HNR - 109     | 1/4"           | 9        | 15     | 75       |
| HNR - 109 L   | 1/4"           | 9        | 15     | 100      |
| HNR - 109 X   | 1/4"           | 9        | 15     | 150      |
| HNR - 110     | 1/4"           | 10       | 16     | 75       |
| HNR - 110 L   | 1/4"           | 10       | 16     | 100      |
| HNR - 110 X   | 1/4"           | 10       | 16     | 150      |
| HNR - 111     | 1/4"           | 11       | 17.5   | 75       |
| HNR - 111 L   | 1/4"           | 11       | 17.5   | 100      |
| HNR - 111 X   | 1/4"           | 11       | 17.5   | 150      |
| HNR - 112     | 1/4"           | 12       | 18.5   | 75       |
| HNR - 112 L   | 1/4"           | 12       | 18.5   | 100      |
| HNR - 112 X   | 1/4"           | 12       | 18.5   | 150      |
| HNR - 113     | 1/4"           | 13       | 19.5   | 75       |
| HNR - 113 L   | 1/4"           | 13       | 19.5   | 100      |
| HNR - 113 X   | 1/4"           | 13       | 19.5   | 150      |
| HNR - 114     | 1/4"           | 14       | 20.5   | 75       |
| HNR - 114 L   | 1/4"           | 14       | 20.5   | 100      |
| HNR - 114 X   | 1/4"           | 14       | 20.5   | 150      |

### TYPICAL APPLICATIONS



CONSTRUCTION  
EQUIPMENT



INDUSTRIAL  
MAINTENANCE



MARINE  
APPLICATIONS



MINING  
EQUIPMENT

# SLUGGING/STRIKING WRENCH

## STRAIGHT RING TYPE

| SAE SIZE      |              | METRIC SIZE   |          | OAL<br>(mm) | HEAD DIA.<br>(mm) | HEAD THK.<br>(mm) |
|---------------|--------------|---------------|----------|-------------|-------------------|-------------------|
| HEMS PART No. | A/F (inches) | HEMS PART No. | A/F (mm) |             |                   |                   |
| HS-25         | 3/4"         | HSM-19        | 19       | 175         | 54                | 18                |
| HS-28         | 7/8"         | HSM-22        | 22       | 176         | 54                | 18                |
| HS-29         | 15/16"       | HSM-24        | 24       | 177         | 54                | 18                |
| HS-31         | 1 1/16"      | HSM-27        | 27       | 178         | 54                | 18                |
| HS-32         | 1 1/8"       | HSM-29        | 29       | 179         | 54                | 18                |
| HS-33         | 1 3/16"      | HSM-30        | 30       | 210         | 68                | 22                |
| HS-34         | 1 1/4"       | HSM-32        | 32       | 211         | 68                | 22                |
| HS-35         | 1 5/16"      | HSM-33        | 33       | 212         | 68                | 22                |
| HS-36         | 1 3/8"       | HSM-35        | 35       | 213         | 68                | 22                |
| HS-37         | 1 7/16"      | HSM-36        | 36       | 214         | 68                | 22                |
| HS-38         | 1 1/2"       | HSM-38        | 38       | 215         | 68                | 22                |
| HS-39         | 1 5/8"       | HSM-41        | 41       | 245         | 80                | 28                |
| HS-40         | 1 11/16"     | HSM-43        | 43       | 245         | 80                | 28                |
| HS-41         | 1 3/4"       | HSM-44        | 44       | 245         | 80                | 28                |
| HS-42         | 1 13/16"     | HSM-46        | 46       | 245         | 80                | 28                |
| HS-43         | 1 7/8"       | HSM-47        | 47       | 245         | 80                | 28                |
| HS-45         | 2"           | HSM-50        | 50       | 250         | 80                | 28                |
| HS-46         | 2 1/16"      | HSM-52        | 52       | 285         | 102               | 35                |
| HS-47         | 2 3/16"      | HSM-55        | 55       | 285         | 102               | 35                |
| HS-48         | 2 1/4"       | HSM-57        | 57       | 285         | 102               | 35                |
| HS-50         | 2 3/8"       | HSM-60        | 60       | 285         | 102               | 35                |
| HS-51         | 2 7/16"      | HSM-62        | 62       | 285         | 102               | 35                |
| HS-52         | 2 1/2"       | HSM-63        | 63       | 285         | 102               | 35                |
| HS-53         | 2 9/16"      | HSM-65        | 65       | 285         | 102               | 35                |
| HS-54         | 2 5/8"       | HSM-67        | 67       | 322         | 122               | 40                |
| HS-56         | 2 3/4"       | HSM-70        | 70       | 322         | 122               | 40                |
| HS-57         | 2 13/16"     | HSM-71        | 71       | 322         | 122               | 40                |
| HS-59         | 2 15/16"     | HSM-75        | 75       | 322         | 122               | 40                |
| HS-60         | 3"           | HSM-76        | 76       | 322         | 122               | 40                |
| HS-61         | 3 1/8"       | HSM-80        | 80       | 322         | 122               | 40                |
| HS-63         | 3 3/8"       | HSM-85        | 85       | 340         | 130               | 40                |
| HS-64         | 3 5/8"       | HSM-90        | 90       | 350         | 136               | 45                |
| HS-65         | 3 3/4"       | HSM-95        | 95       | 375         | 140               | 45                |
| HS-66         | 3 7/8"       | -             | -        | 415         | 158               | 50                |
| HS-67         | 4"           | HSM-100       | 100      | 415         | 158               | 50                |
| HS-68         | 4 1/8"       | HSM-105       | 105      | 450         | 164               | 50                |
| HS-69         | 4 1/4"       | HSM-110       | 110      | 450         | 170               | 55                |
| HS-70         | 4 1/2"       | HSM-115       | 115      | 465         | 175               | 55                |
| HS-72         | 4 3/4"       | HSM-120       | 120      | 490         | 190               | 60                |
| HS-73         | 4 7/8"       | HSM-125       | 152      | 510         | 200               | 60                |
| HS-74         | 5"           | HSM-130       | 130      | 515         | 210               | 65                |
| HS-75         | 5 3/8"       | HSM-135       | 135      | 540         | 222               | 65                |
| HS-76         | 5 1/2"       | HSM-140       | 140      | 550         | 230               | 70                |
| HS-78         | 5 3/4"       | HSM-145       | 145      | 565         | 230               | 70                |
| HS-80         | 6"           | HSM-150       | 150      | 565         | 230               | 70                |
| HS-81         | 6 1/8"       | HSM-155       | 155      | 565         | 230               | 70                |
| HS-82         | 6 1/4"       | HSM-160       | 160      | 635         | 270               | 70                |
| HS-84         | 6 1/2"       | HSM-165       | 165      | 635         | 270               | 70                |
| HS-86         | 6 3/4"       | HSM-170       | 170      | 635         | 270               | 70                |
| HS-87         | 6 7/8"       | HSM-175       | 175      | 635         | 270               | 70                |
| HS-89         | 7 1/8"       | HSM-180       | 180      | 635         | 270               | 70                |
| HS-90         | 7 1/4"       | HSM-185       | 185      | 680         | 295               | 75                |
| HS-92         | 7 1/2"       | HSM-190       | 190      | 680         | 295               | 75                |
| HS-93         | 7 5/8"       | HSM-195       | 195      | 680         | 295               | 75                |
| HS-95         | 7 7/8"       | HSM-200       | 200      | 680         | 295               | 75                |
| HS-97         | 8 1/8"       | HSM-205       | 205      | 680         | 295               | 75                |
| HS-98         | 8 1/4"       | HSM-210       | 210      | 725         | 325               | 80                |
| HS-100        | 8 1/2"       | HSM-215       | 215      | 725         | 325               | 80                |
| HS-101        | 8 5/8"       | HSM-220       | 220      | 725         | 325               | 80                |
| HS-103        | 8 7/8"       | HSM-225       | 225      | 725         | 325               | 80                |
| HS-105        | 9 1/8"       | HSM-230       | 230      | 725         | 325               | 80                |

# SLUGGING/STRIKING WRENCH

## OFFSET HANDEL RING TYPE

| SAE SIZE (INCH) | HEMS PART NO. | METRIC (mm) | HEMS PART NO. | PART NO. | OAL (mm) | Head Dia. (mm) | Head Thk. (mm) |
|-----------------|---------------|-------------|---------------|----------|----------|----------------|----------------|
| 3/4"            | HOS-25        | 19          | HOM-19        | TOM-19   | 250      | 56             | 22             |
| 7/8"            | HOS-28        | 22          | HOM-22        | TOM-22   | 250      | 56             | 22             |
| 15/16"          | HOS-29        | 24          | HOM-24        | TOM-24   | 265      | 56             | 24             |
| 1.1/16"         | HOS-31        | 27          | HOM-27        | TOM-27   | 265      | 56             | 24             |
| 1.3/16"         | HOS-33        | 30          | HOM-30        | TOM-30   | 270      | 56             | 24             |
| 1.1/4"          | HOS-34        | 32          | HOM-32        | TOM-32   | 270      | 58             | 25             |
| 1.5/16"         | HOS-35        | 33          | HOM-33        | TOM-33   | 310      | 59             | 25             |
| 1.3/8"          | HOS-36        | 35          | HOM-35        | TOM-35   | 290      | 62             | 32             |
| 1.7/16"         | HOS-37        | 36          | HOM-36        | TOM-36   | 290      | 64             | 28             |
| 1.1/2"          | HOS-38        | 38          | HOM-38        | TOM-38   | 290      | 66             | 28             |
| 1.5/8"          | HOS-39        | 41          | HOM-41        | TOM-41   | 290      | 68             | 28             |
| 1.11/16         | HOS-40        | 43          | HOM-43        | TOM-43   | 340      | 68             | 28             |
| 1.3/4"          | HOS-41        | 44          | HOM-44        | TOM-44   | 340      | 68             | 28             |
| 1.13/16"        | HOS-42        | 46          | HOM-46        | TOM-46   | 340      | 76             | 32             |
| 1.7/8"          | HOS-43        | 47          | HOM-47        | TOM-47   | 360      | 76             | 35             |
| 2"              | HOS-45        | 50          | HOM-50        | TOM-50   | 360      | 82             | 36             |
| 2.1/16"         | HOS-46        | 52          | HOM-52        | TOM-52   | 360      | 85             | 38             |
| 2.3/16"         | HOS-47        | 55          | HOM-55        | TOM-55   | 380      | 90             | 38             |
| 2.1/4"          | HOS-48        | 57          | HOM-57        | TOM-57   | 380      | 90             | 38             |
| 2.3/8"          | HOS-50        | 60          | HOM-60        | TOM-60   | 380      | 96             | 41             |
| 2.7/16"         | HOS-51        | 62          | HOM-62        | TOM-62   | 380      | 100            | 44             |
| 2.1/2"          | HOS-52        | 63          | HOM-63        | TOM-63   | 380      | 102            | 44             |
| 2.9/16"         | HOS-53        | 65          | HOM-65        | TOM-65   | 380      | 105            | 45             |
| 2.5/8"          | HOS-54        | 67          | HOM-67        | TOM-67   | 380      | 108            | 44             |
| 2.3/4"          | HOS-56        | 70          | HOM-70        | TOM-70   | 400      | 112            | 48             |
| 2.13/16"        | HOS-57        | 71          | HOM-71        | TOM-71   | 400      | 112            | 50             |
| 2.15/16"        | HOS-59        | 75          | HOM-75        | TOM-75   | 400      | 120            | 55             |
| 3"              | HOS-60        | 76          | HOM-76        | TOM-76   | 400      | 122            | 50             |
| 3.1/8"          | HOS-61        | 80          | HOM-80        | TOM-80   | 435      | 126            | 60             |
| 3.3/8"          | HOS-63        | 85          | HOM-85        | TOM-85   | 435      | 132            | 60             |
| 3.5/8"          | HOS-64        | 90          | HOM-90        | TOM-90   | 440      | 142            | 50             |
| 3.3/4"          | HOS-65        | 95          | HOM-95        | TOM-95   | 465      | 150            | 60             |
| 3.7/8"          | HOS-66        | 98          | HOM-98        | TOM-98   | 465      | 158            | 60             |
| 4"              | HOS-67        | 100         | HOM-100       | TOM-100  | 465      | 164            | 60             |
| 4.1/8"          | HOS-68        | 105         | HOM-105       | TOM-105  | 540      | 172            | 65             |
| 4.1/4"          | HOS-69        | 110         | HOM-110       | TOM-110  | 540      | 180            | 65             |
| 4.1/2"          | HOS-70        | 115         | HOM-115       | TOM-115  | 540      | 186            | 65             |
| 4.3/4"          | HOS-72        | 120         | HOM-120       | TOM-120  | 540      | 194            | 70             |
| 4.7/8"          | HOS-73        | 125         | HOM-125       | TOM-125  | 540      | 200            | 70             |
| 5"              | HOS-74        | 130         | HOM-130       | TOM-130  | 540      | 205            | 70             |

# SLUGGING/STRIKING WRENCH

STRAIGHT HANDLE OPEN JAW TYPE

| SAE SIZE      |              | METRIC SIZE   |          | OAL<br>(mm) | HEAD DIA.<br>(mm) | HEAD THK.<br>(mm) |
|---------------|--------------|---------------|----------|-------------|-------------------|-------------------|
| HEMS PART No. | A/F (inches) | HEMS PART No. | A/F (mm) |             |                   |                   |
| HDS-25        | 3/4"         | HDM-19        | 19       | 190         | 54                | 18                |
| HDS-28        | 7/8"         | HDM-22        | 22       | 190         | 54                | 18                |
| HDS-29        | 15/16"       | HDM-24        | 24       | 190         | 54                | 18                |
| HDS-31        | 1 1/16"      | HDM-27        | 27       | 190         | 54                | 18                |
| HDS-32        | 1 1/8"       | HDM-29        | 29       | 190         | 54                | 18                |
| HDS-33        | 1 3/16"      | HDM-30        | 30       | 190         | 54                | 18                |
| HDS-34        | 1 1/4"       | HDM-32        | 32       | 190         | 80                | 18                |
| HDS-35        | 1 5/16"      | HDM-33        | 33       | 210         | 80                | 18                |
| HDS-36        | 1 3/8"       | HDM-35        | 35       | 210         | 80                | 18                |
| HDS-37        | 1 7/16"      | HDM-36        | 36       | 210         | 80                | 18                |
| HDS-38        | 1 1/2"       | HDM-38        | 38       | 275         | 80                | 18                |
| HDS-39        | 1 5/8"       | HDM-41        | 41       | 275         | 110               | 22                |
| HDS-40        | 1 11/16"     | HDM-43        | 43       | 275         | 110               | 22                |
| HDS-41        | 1 3/4"       | HDM-44        | 44       | 275         | 110               | 22                |
| HDS-42        | 1 13/16"     | HDM-46        | 46       | 275         | 110               | 22                |
| HDS-43        | 1 7/8"       | HDM-47        | 47       | 275         | 110               | 22                |
| HDS-45        | 2"           | HDM-50        | 50       | 325         | 110               | 22                |
| HDS-46        | 2 1/16"      | HDM-52        | 52       | 325         | 135               | 25                |
| HDS-47        | 2 3/16"      | HDM-55        | 55       | 325         | 135               | 25                |
| HDS-48        | 2 1/4"       | HDM-57        | 57       | 325         | 135               | 25                |
| HDS-50        | 2 3/8"       | HDM-60        | 60       | 362         | 135               | 25                |
| HDS-51        | 2 7/16"      | HDM-62        | 62       | 362         | 150               | 32                |
| HDS-52        | 2 1/2"       | HDM-63        | 63       | 362         | 150               | 32                |
| HDS-53        | 2 9/16"      | HDM-65        | 65       | 362         | 150               | 32                |
| HDS-54        | 2 5/8"       | HDM-67        | 67       | 362         | 150               | 32                |
| HDS-56        | 2 3/4"       | HDM-70        | 70       | 362         | 150               | 32                |
| HDS-57        | 2 13/16"     | HDM-71        | 71       | 405         | 172               | 36                |
| HDS-59        | 2 15/16"     | HDM-75        | 75       | 405         | 172               | 36                |
| HDS-60        | 3"           | HDM-76        | 76       | 405         | 172               | 36                |
| HDS-61        | 3 1/8"       | HDM-80        | 80       | 405         | 172               | 36                |
| HDS-63        | 3 3/8"       | HDM-85        | 85       | 430         | 180               | 38                |
| HDS-64        | 3 5/8"       | HDM-90        | 90       | 455         | 195               | 40                |
| HDS-65        | 3 3/4"       | HDM-95        | 95       | 455         | 195               | 40                |
| HDS-66        | 3 7/8"       | HDM-98        | 98       | 455         | 206               | 40                |
| HDS-67        | 4"           | HDM-100       | 100      | 500         | 210               | 47                |
| HDS-68        | 4 1/8"       | HDM-105       | 105      | 500         | 220               | 47                |
| HDS-69        | 4 1/4"       | HDM-110       | 110      | 500         | 226               | 47                |
| HDS-70        | 4 1/2"       | HDM-115       | 115      | 550         | 238               | 56                |
| HDS-72        | 4 3/4"       | HDM-120       | 120      | 550         | 247               | 56                |
| HDS-73        | 4 7/8"       | HDM-125       | 125      | 550         | 255               | 56                |
| HDS-74        | 5"           | HDM-130       | 130      | 575         | 275               | 60                |

**OFFICIAL HEMS RESELLER  
IN THE NETHERLANDS**

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