



**AN ADVANCED EXPLORATION  
WEDGE FOR DIRECTIONAL  
SIDETRACK APPLICATIONS**

# Save Significant Time and Money on Exploration Projects

[CLICK HERE TO SEE A 3D VIDEO OF HOW THE ZERO-TRIP WEDGE WORKS DOWNHOLE](#)

## Benefits of the Zero-Trip Wedging System

*The ultimate borehole recovery too*

- Install @ 1000m in 6 hrs vs 37 hrs Hall Rowe\*
- US\$1,800 vs US\$11,100 Installation Cost\*
- Less Wear and Tear on Drilling Equipment
- Significantly Reduces Manual Handling
- Reduces Driller Fatigue
- Simple and Easy to Use
- Greatly Speeds Up Exploration Projects
- Helps Maintain Borehole Integrity
- Orientate in any Direction Surface or Underground can be set on High Side of Hole in UG Applications
- The Zero-Trip Wedge can be set in rock formations or steel casing

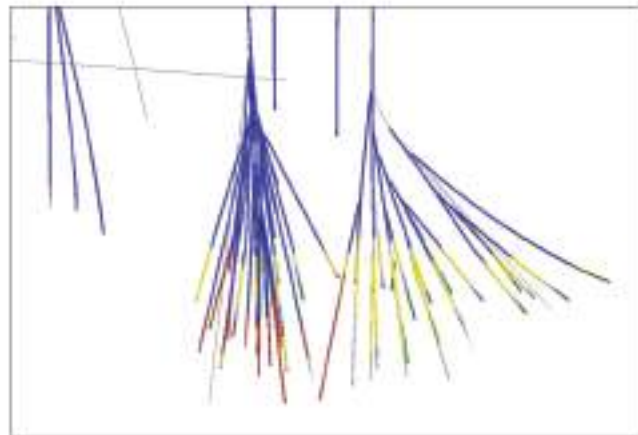
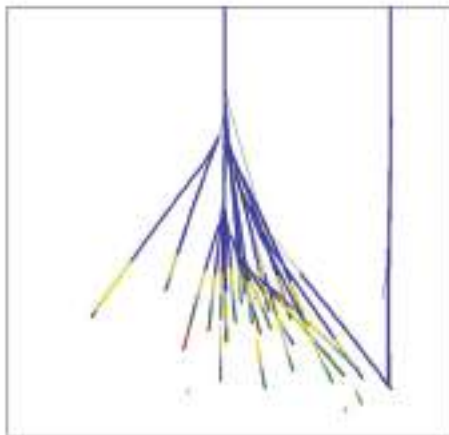
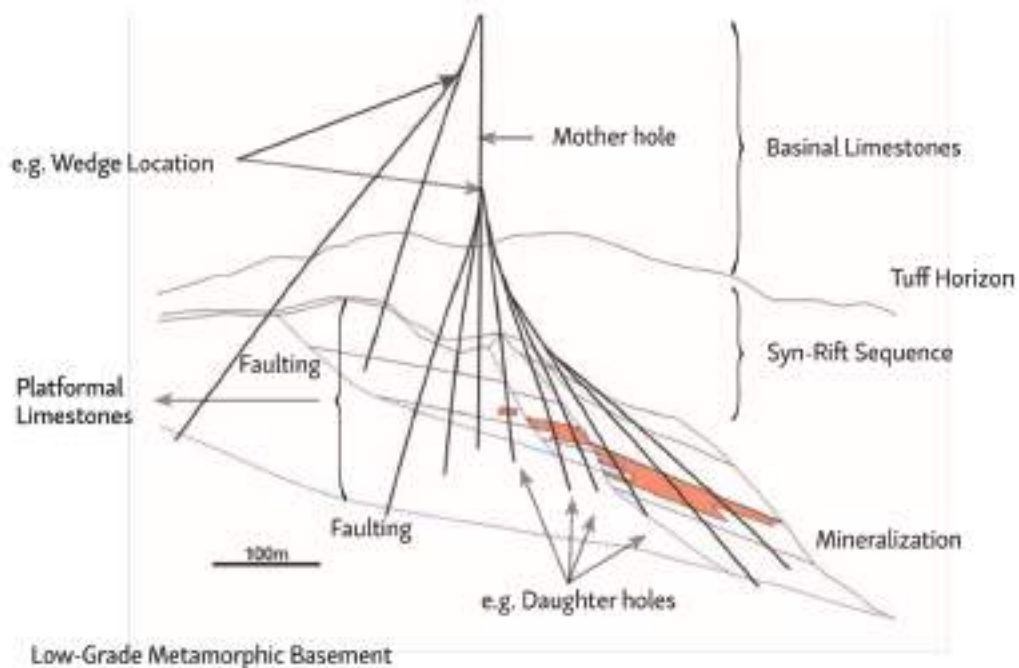


**Typical Rig Time Costs (US\$300 per hour) - Comparing to using Hall Rowe Wedging System**



# Projects Completed with Zero-Trip Wedge

## Typical Borehole Design Using Zero-Trip System



# Why is Zero-Trip Different?

At Zero-Trip Innovations we can supply...

- New High Speed Precision Orientation System. We guarantee absolute accuracy, reliability and repeatability in orientation confirmations. Check out our new mule shoe.



- Hard Rock ZERO-TRIP WEDGE 2.0 - We supply a Hard Rock application wedge; the tapered section is hardened to 55 Rockwell with Oil and Gas grade steel inserted in the anchors; makes for a fantastic sidetrack solution in the hardest rock formations.



- Underground Application Wedge - We supply a modified 3 piece Zero-Trip Wedge for use in confined spaces . See picture below

## 3 Piece wedge - Part Information

### Anchoring-End (P-1)



### Wedge-End (P-3)

### Joiner-End (P-2)



# Links to Informational Videos on the Zero-Trip System

[The Zero-Trip Wedge - How its Works](#)

[ZERO-TRIP WEDGE VS TRADITIONAL HALL ROWE WEDGE](#)

[Zero-Trip Installation Guide 2D Animation](#)

[Zero-Trip Installation at 1350m : Video Case Study](#)

[Zero-Trip Wedge Installation at 1402m : Video Case Study](#)

[From Concept to Core : The Zero-Trip Innovations Story](#)

[Setting a Zero-Trip Wedge inside casing Video case study](#)



## CONTACT:

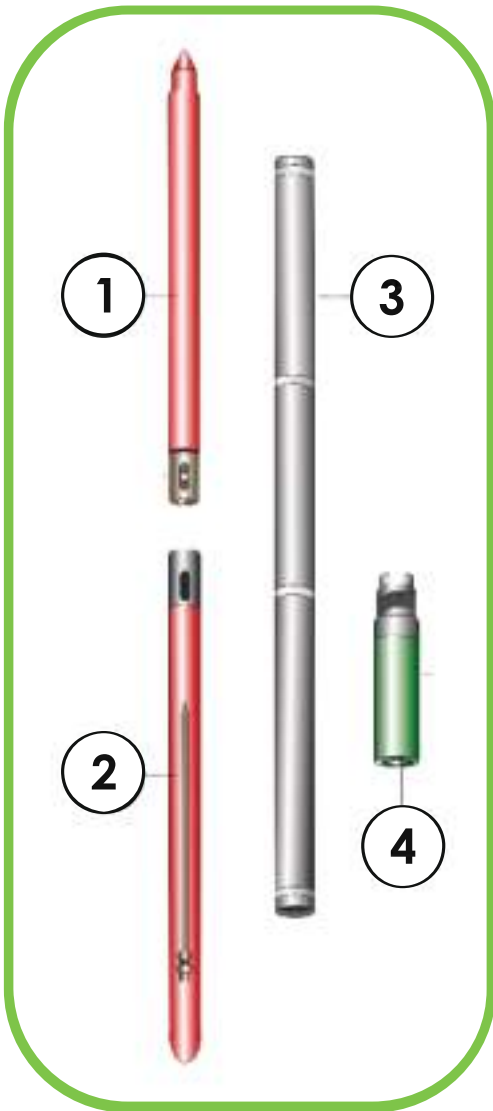
**Geo-Mines inc.**

**Email:** [info@geo-mines.com](mailto:info@geo-mines.com)

**Phone:** +514-893-4694

# N SIZE

## N SIZE ZERO-TRIP WEDGE TECH DATA



1 - N300 ZERO-TRIP BULLNOSE

2 - N350 ZERO-TRIP TAPERED SECT.

3 - N311 REAMING CORE BARREL

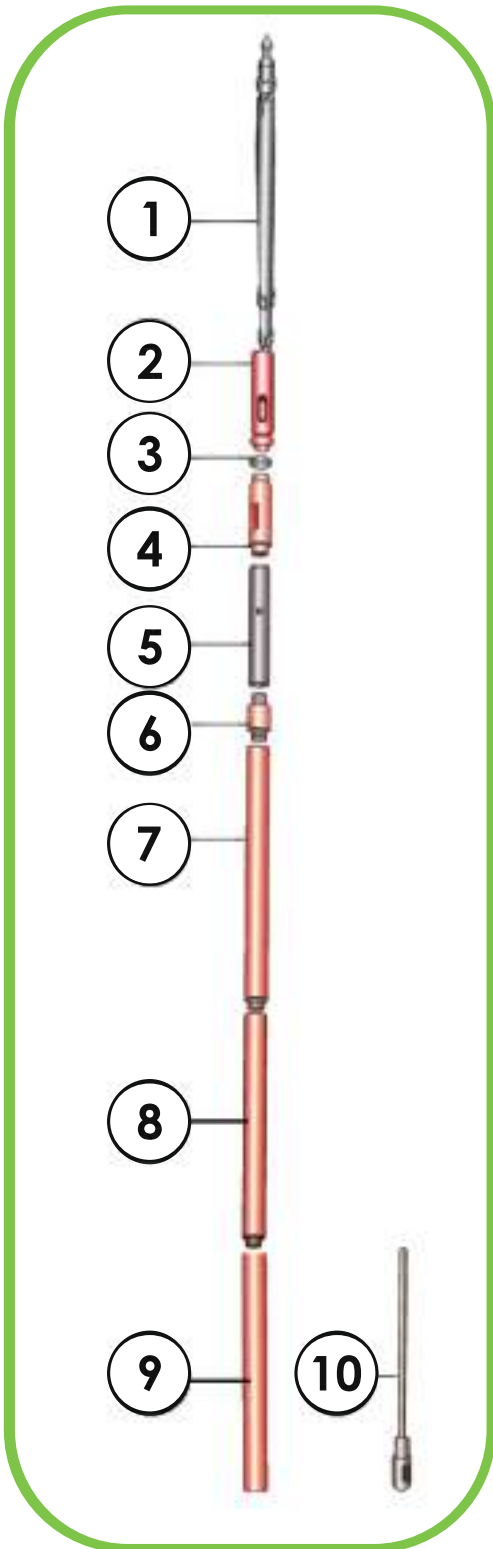
4 - N377 DUAL TANG LOCKING COUPLING



ZERO TRIP  
— INNOVATIONS —

# N SIZE

## N SIZE DROPPING KIT



1 - NHP52 - MULE SHOE RECIEVER

2 - N50 - INNER BACK END

3 - N45 - LANDING COLLAR

4 - N44/OL - BACKEND SUB

5 - NHP43 - DUMP VALVE

6 - NHP42 - JOINER

7 - N40A - DROPPING BAR

8 - N40A - DROPPING BAR

9 - N40A/S - DROPPING BAR SLEEVE

10 - NHP41 - SAND TRAP

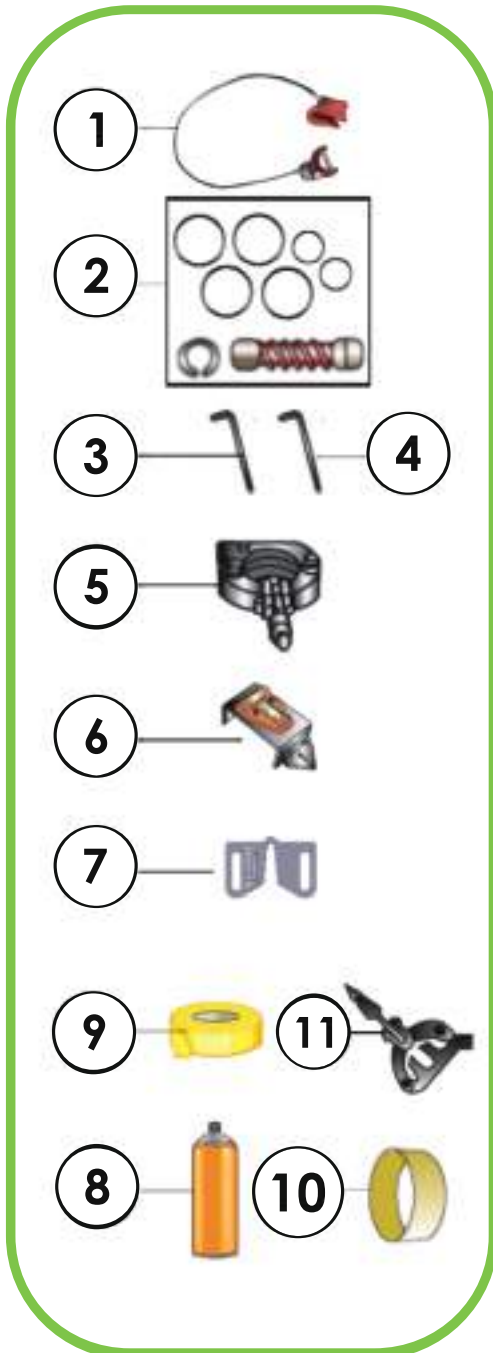
\* On the price list the purchase of a Dropping Kit in N/H or P includes, all Essential Items and the orientation Running Gear



ZERO TRIP  
INNOVATIONS

# N SIZE

## N SIZE ESSENTIAL ITEMS



1 - NHP74 - SAFETY LANYARD

2 - NHP43/1 - DUMP VALVE SPARES

3 - NHP309/3 - 6MM ALLEN KEY

4 - NHP309/2 - 4MM ALLEN KEY

5 - N93A - REAMING CORE CLAMP

6 - BUBBLE LEVEL

7 - NHP78 - FEED PIPE LEVEL

8 - NHP76 - COPPER GREASE CAN

9 - NHP77 - ELECTRICAL TAPE

10 - N45A - LANDING COLLAR NQ2

11 - N93 - WEDGE CLAMP

\* All essential items are included inside the N/H and P dropping kits

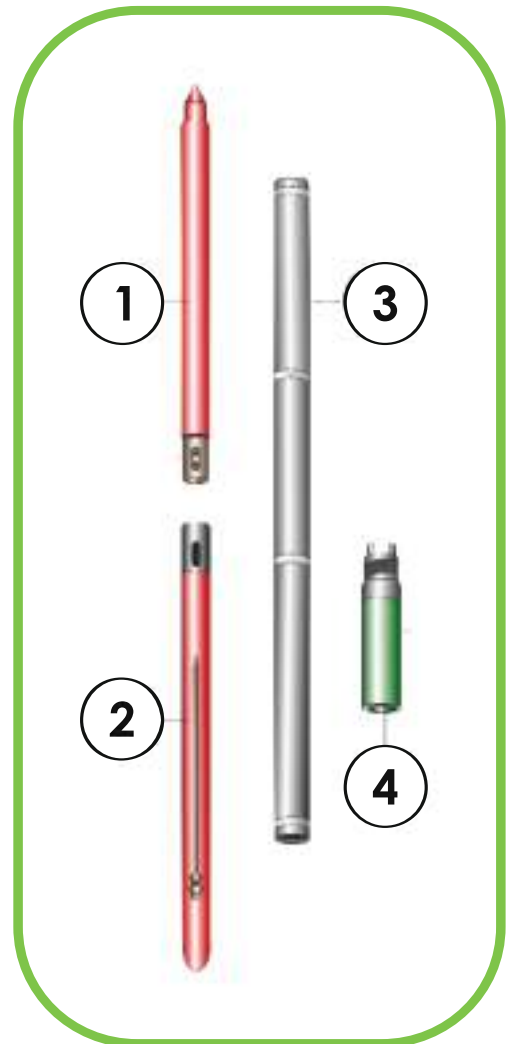


ZERO TRIP  
— INNOVATIONS —

# H SIZE

## H SIZE ZERO-TRIP WEDGE TECH DATA

- 1 - H400 ZERO-TRIP BULLNOSE
- 2 - H450 ZERO-TRIP TAPERED SECT.
- 3 - H311 REAMING CORE BARREL
- 4 - H377 DUAL TANG LOCKING COUPLING



# H SIZE

## H SIZE DROPPING KIT

**1** - NHP52 - MULE SHOE RECIEVER

**1A** - HP45A - M.S.R ADAPTER

**2** - H50 - INNER BACK END

**3** - H45 - LANDING COLLAR

**4** - H44/OL - BACKEND SUB

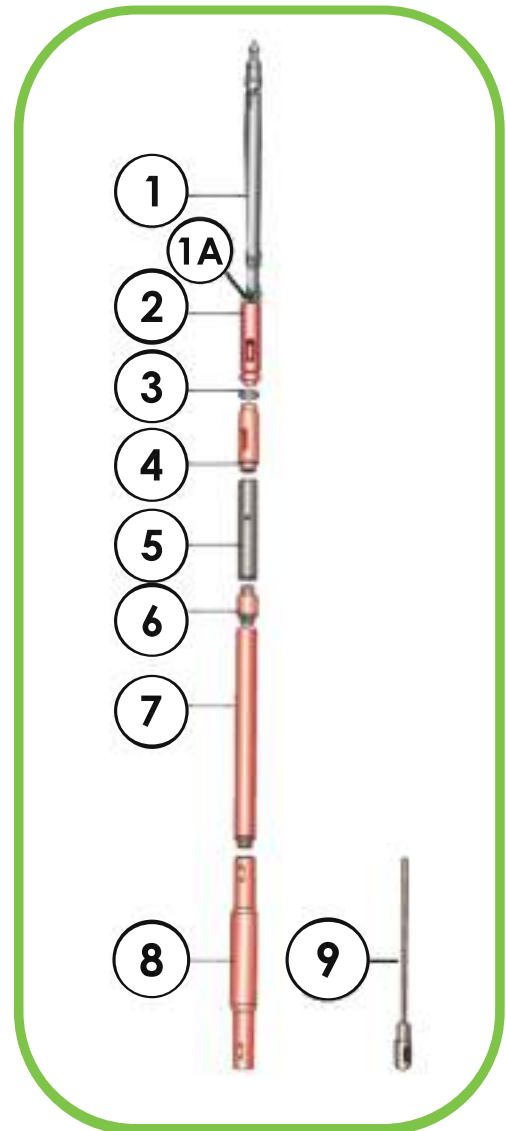
**5** - NHP43 - DUMP VALVE

**6** - NHP42 - JOINER

**7** - H40A - DROPPING BAR

**8** - H40A/S - DROPPING BAR SLEEVE

**9** - NHP41 - SAND TRAP

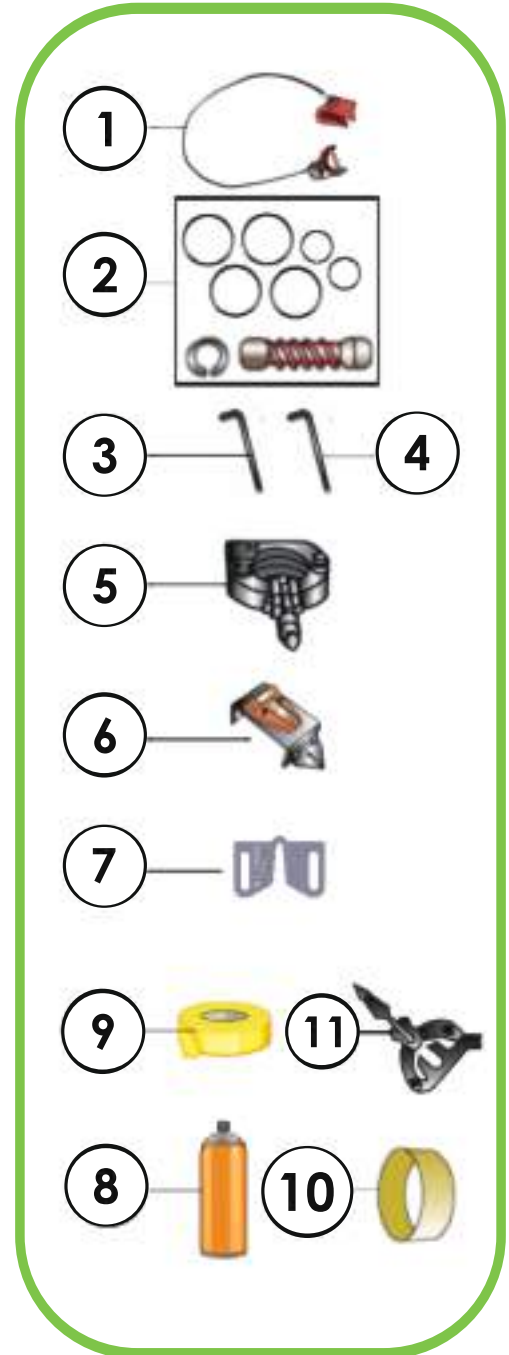


**ZERO TRIP**  
INNOVATIONS

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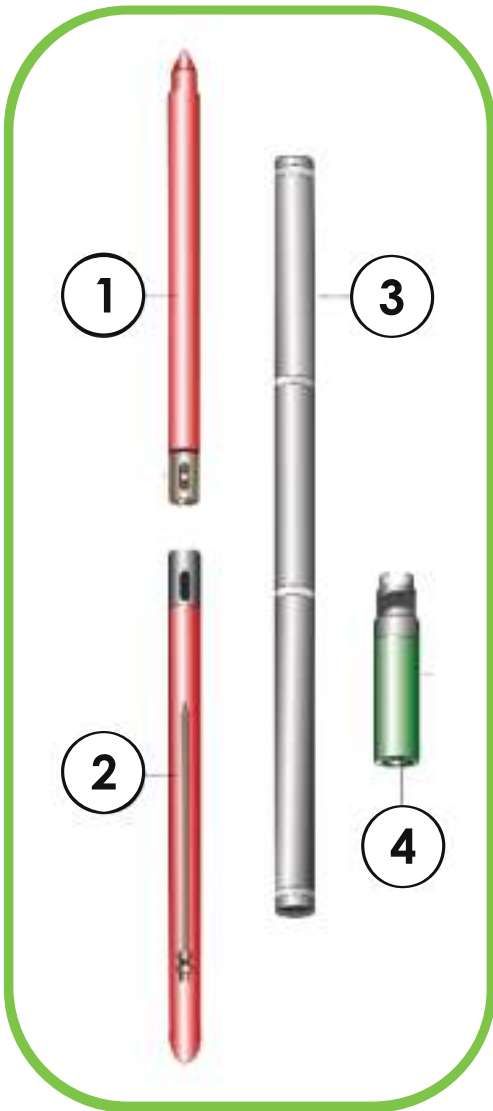
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- 6 - BUBBLE LEVEL
- 7 - NHP78 - FEED PIPE LEVEL
- 8 - NHP76 - COPPER GREASE CAN
- 9 - NHP77 - ELECTRICAL TAPE
- 10 - H45A - LANDING COLLAR HQ2
- 11 - H93 - WEDGE CLAMP



\* All essential items are included inside the N/H and P dropping kits

# P SIZE

## P SIZE ZERO-TRIP WEDGE TECH DATA



1 - P500 ZERO-TRIP BULLNOSE

2 - P550 ZERO-TRIP TAPERED SECT.

3 - P311 REAMING CORE BARREL

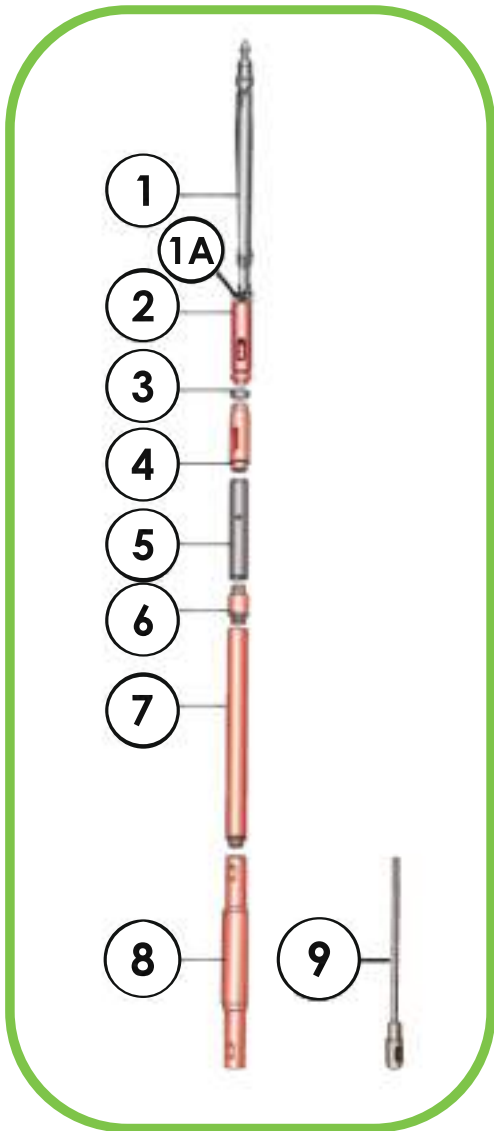
4 - P377 DUAL TANG LOCKING COUPLING



ZERO TRIP  
— INNOVATIONS —

# P SIZE

## P SIZE DROPPING KIT



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1A - HP45A - M.S.R ADAPTER

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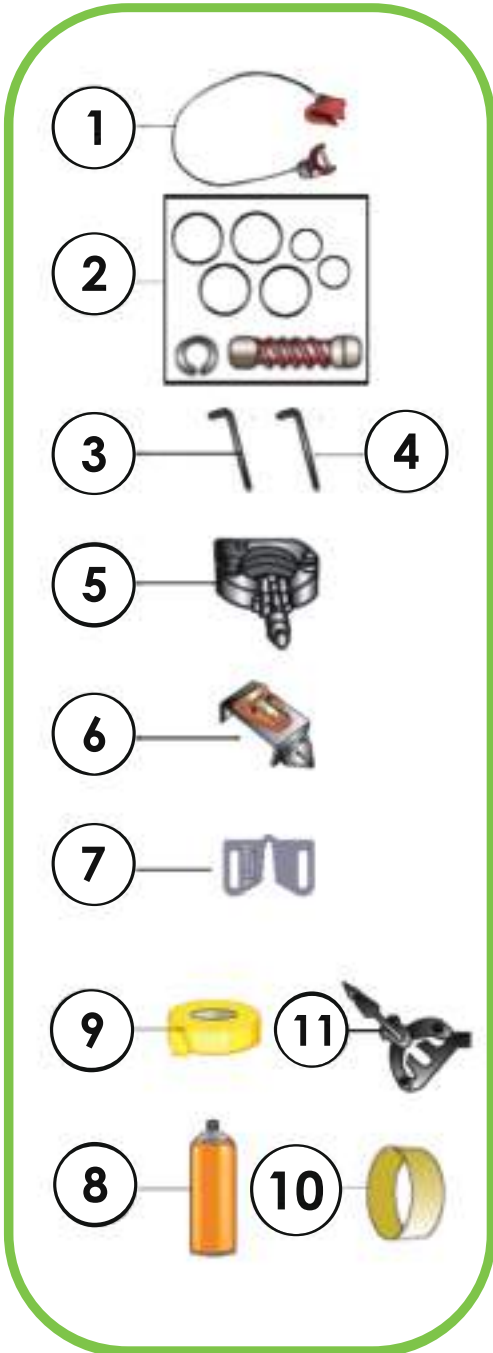
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ZERO TRIP  
INNOVATIONS

# P SIZE

## P SIZE ESSENTIAL ITEMS



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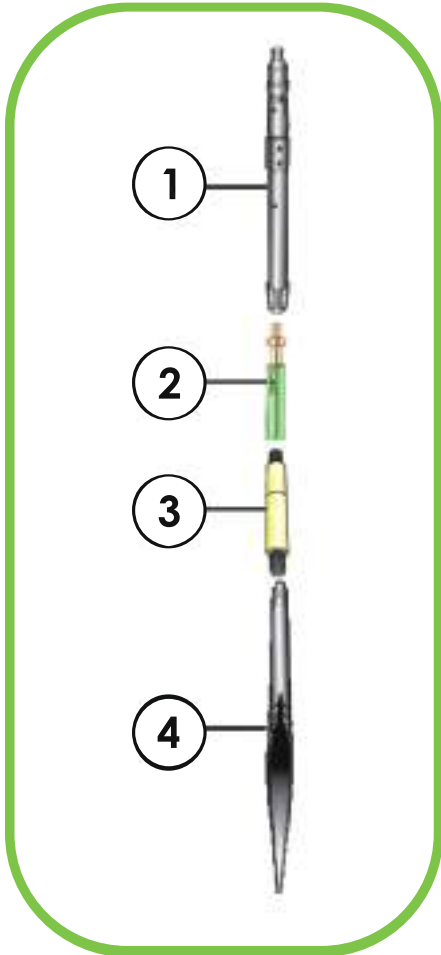
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ZERO TRIP  
— INNOVATIONS —

# ORIENTATION RUNNING TOOL

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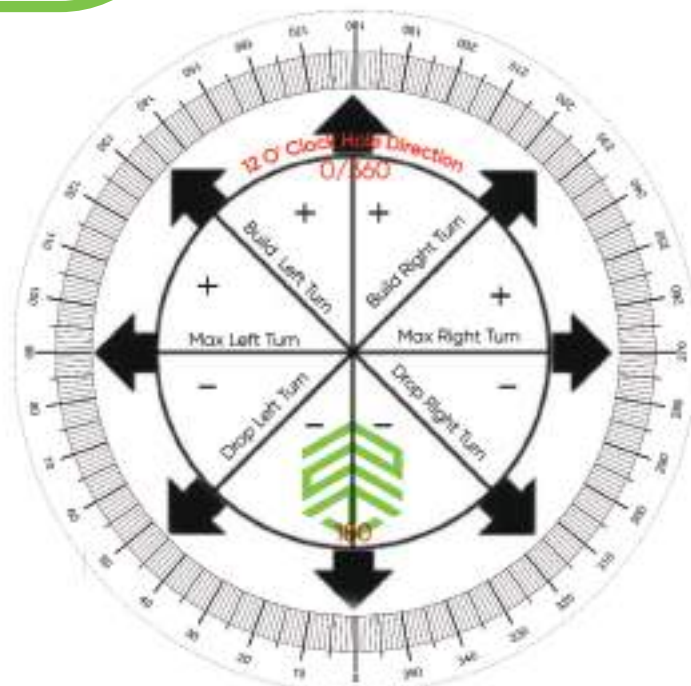


1 - NHP53 - MULE SHOE WEIGHT

2 - NHP75 - SHOCK ABSORBER

3 - NHP48 - 2 PIECE EW M&F THREAD

4 - NHP47 - MULE SHOE



ZERO TRIP  
INNOVATIONS