KELLY BAR ORDER FORM

CUSTOMER INFORMATION	CUSTOMER CONTACT
Company Name:	Customer Name:
Company Address::	Phone Number:
	Email Address:

Use the attached “Kelly Bar Identification Guide” for measurement reference points.

REQUIRED INFORMATION	REFERENCE	ANSWER BELOW
Machine model	N/A	
Machine serial#	N/A	
Kelly bar total length (drilling depth)	N/A	
Tool stub solid flange (welded or bolted)	N/A	
Need bellhousing/flanges/rubber (yes or no)	N/A	
Lock type on inner elements (ziplock or interlock)	See Ref A	
Key height of damaged element	See Ref A	
Total # of elements	See Ref B	
Element # needing repair/replacement	See Ref B	
Total length of outer element (#1)	See Ref C	
Overall length of the damaged element	See Ref C	
Diameter of damaged element pipe	See Ref D	
Distance from bottom of stop flange to bottom of pipe	See Ref E	
Top of key to bottom of stop flange distance (timing)	See Ref F	
Top of key to bottom of wedding band distance (timing)	See Ref F	
Top of key to top of key distance	See Ref F	

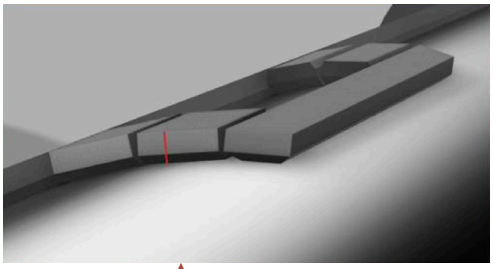
All information requested above must be provided unless the kelly bar damage or job site conditions make measurements impossible. Photographic documentation may be required to confirm part details. The customer assumes full responsibility for the accuracy of all submitted data used to verify kelly bar specifications prior to the release or shipment of any parts.

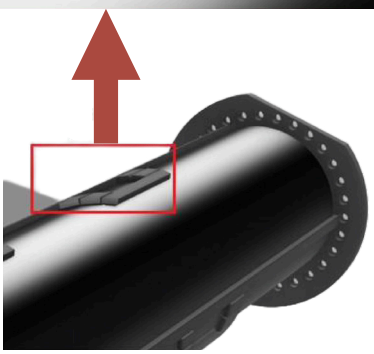
Customer Signature:	Date:

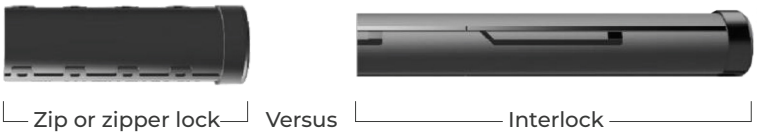
REFERENCE “A”
KEY HEIGHT

Standard kelly tool stub sizes are 130mm, 177mm, and 200mm. The stub should contact the bottom of the box on the tool, so the down pressure is not focused on the tooling pin. The distance between the center of the pin hole to the bottom of the stub is critical.

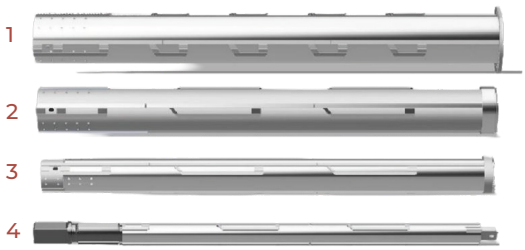
Key height is measured from the surface of the pipe to the top of the drive key. Common stock used for ket material (in mm) are 30x15 and 30x19. 15mm and 19mm being the two most common key heights.



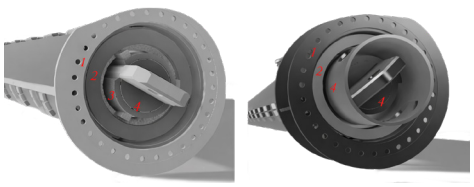




REFERENCE “B”
ELEMENTS

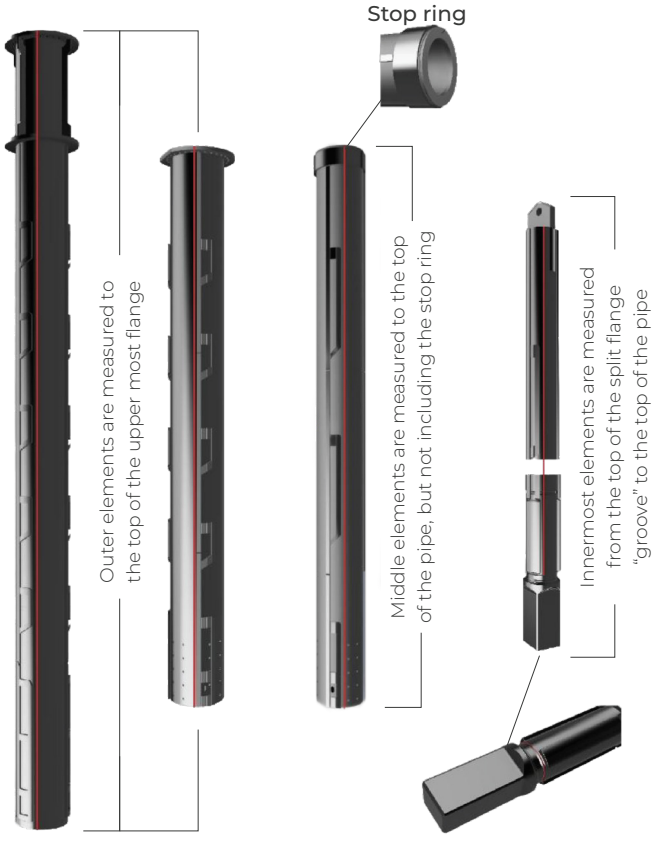


Kelly bar elements are identified using the outer element as #1, and counting up as you go to the next inner element.



How many elements?
#1 - Outer element
#4 - Innermost element (on a 4 element bar)

REFERENCE “C”
ELEMENT OVERALL LENGTH



REFERENCE “D”
PIPE DIAMETERS

Pipe diameters are easiest to measure at the bottom of end of the element, except for the innermost element, which should be measured at the top, or with a large set of calipers

REFERENCE “E”
DISTANCE

Most current revision outer elements have a second dedicated stop flange, new double flange outer elements are compatible with old revision bar sets using single flange outer elements

REFERENCE “F”
TOP OF KEY TO BOTTOM (TIMING)

Double top flange outer elements

Single top flange outer elements

Top of key to bottom of wedding band

Innermost element

Top of key to top of key - all elements are measured the same way