

# RENTALS / PRODUCT SALES



## SUBSEA BOLT TENSIONERS

THE INDUSTRY'S TOP CHOICE FOR RELIABLE, SAFE, AND EASY TO OPERATE SUBSEA TENSIONING EQUIPMENT

### SCALLOPED SPLIT REACTION NUT

The unique SEASTallion™ Split Reaction Nut is scalloped for better grip and confident handling – ideal for damaged nuts.

### EXTENDED PISTON STROKE

30mm piston stroke on the SS2 through the SS7 allows for tensioning on numerous flanges without retracting the ram.

### PISTON OVER-STROKE PREVENTION

A stroke indicator on the ram allows for use of maximum stroke without over-stroking the ram or losing oil pressure.

### COMPACT DESIGN AND TOOL RANGE

Not only is the SEASTallion™ small and light, but you only need 7 tools to cover a full range of flange sizes.

### SIMPLE HOSE CONNECTIONS

Dual ports eliminate the need for a tee block.

### HIGHER BOLT LOADS

Maximum operating pressure of 21,750-psi.

### CORROSION RESISTANCE

Stainless steel components.

800-779-2658  
integratechnologies.com



Benicia, CA  
707-751-0685

Claymont, DE  
302-792-0346

Dartmouth, NS  
902-481-3986

Edmonton, AB  
780-413-6872

F. McMurray, AB  
780-717-9196

Gonzales, LA  
225-644-9266

Nederland, TX  
409-729-2382

New Iberia, LA  
337-367-2100

Pasadena, TX  
713-920-2400

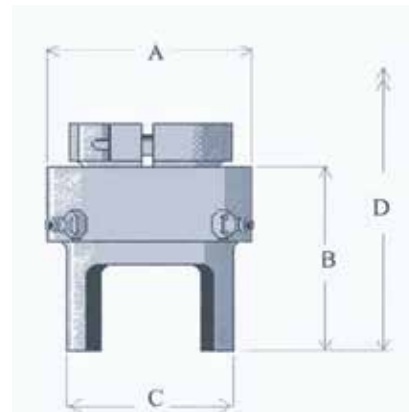
Sarnia, ON  
519-332-1100

San Fernando, TTO  
868-653-1870

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### FEATURES

- Quick Reaction Nut
- Piston misalignment compensation
- Fits standard ANSI and API flanges

### TECHNICAL DATA

- Piston Stroke: SS1 (0.79" / 20mm)  
SS2 to SS7 (1.2" / 30mm)
- Maximum Operating Pressure:  
21,750psi (1,500 bar)

| TOOL REF. | BOLT DIAMETER              |                                 | TOOL LOAD |      | TOOL HYD. AREA  |                 | A Dia | B (in.) | C a/f (in.) | MINIMUM BOLT PROTRUSION (Above Nut) |                                 | D (in.) |
|-----------|----------------------------|---------------------------------|-----------|------|-----------------|-----------------|-------|---------|-------------|-------------------------------------|---------------------------------|---------|
|           | Imperial                   | Metric                          | Tonf.     | kN   | in <sup>2</sup> | mm <sup>2</sup> |       |         |             | Imp (in)                            | Met (mm)                        |         |
| SS1       | 3/4"<br>7/8"               | M20<br>M22                      | 14.05     | 140  | 1.45            | 934             | 2.60  | 3.82    | 1.89        | 4.09<br>3.98                        | 107<br>105                      | 8.98    |
| SS2       | 1"<br>1-1/8"               | M24<br>M27<br>M30               | 24.09     | 240  | 2.48            | 1600            | 3.23  | 5.02    | 2.36        | 5.24<br>5.12                        | 139<br>136<br>134               | 11.65   |
| SS3       | 1-1/4"<br>1-3/8"           | M33<br>M36                      | 38.14     | 380  | 3.93            | 2534            | 3.82  | 5.39    | 3.03        | 5.35<br>5.24                        | 142<br>139                      | 12.17   |
| SS4       | 1-1/2"<br>1-5/8"           | M39<br>M42                      | 55.20     | 550  | 5.69            | 3668            | 4.37  | 5.75    | 3.54        | 5.51<br>5.35                        | 147<br>144                      | 12.68   |
| SS5       | 1-3/4"<br>1-7/8"<br>2"     | M45<br>M48<br>M52               | 88.32     | 880  | 9.10            | 5868            | 5.35  | 6.22    | 4.49        | 5.94<br>5.83<br>5.71                | 160<br>158<br>154               | 13.46   |
| SS6       | 2-1/4"<br>2-1/2"<br>2-3/4" | M56<br>M60<br>M64<br>M68<br>M72 | 156.56    | 1561 | 16.14           | 10411           | 6.97  | 7.11    | 5.51        | 6.54<br>6.30<br>6.06                | 178<br>175<br>172<br>169<br>165 | 14.72   |
| SS7       | 3"<br>3-1/4"<br>3-1/2"     | M76<br>M80<br>M85<br>M90        | 258.43    | 2575 | 26.63           | 17176           | 8.54  | 7.95    | 7.09        | 7.13<br>6.89<br>6.65                | 195<br>192<br>188<br>184        | 16.10   |

Dimensions and data subject to change without notice. Dimensions 'D' includes an allowance for tool removal after bolt tightening with full stroke (piston extended)

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