

Stainless Steel Cushion Needles

August 14, 2007

TRD offers a stainless steel all (SSA) option on many popular series as a means of providing additional corrosion resistance without the added expense of completely stainless steel cylinders. This option is stated in the main TRD catalog to include the following: stainless steel piston rod (hard-chrome plated), stainless steel fasteners, stainless steel tie rods & nuts. The SSA Stainless Steel All option **does not** include stainless steel cushion needles.

TRD has added a new 'SSC' option which can be used when stainless steel cushion needles are required. The SSC option can only be ordered when the cylinder has adjustable cushions. The following chart has been updated to include stainless steel cushion needles. The below listed price for the SSC option is per needle. All SSC prices are adders to the base H or C option pricing.

July 2, 2007 Price List

| Bore: | | 1 1/2" | | 2" | | 2 1/2" | | 3 1/4" | | 4" | | 5" | | 6" | | 8" | | 10" | | 12" | |
|-------------|---|--------|-------|-------|-------|--------|-------|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Piston Rod: | | 5/8" | 1"* | 5/8" | 1" | 5/8" | 1" | 1" | 1 3/8" | 1" | 1 3/8" | 1" | 1 3/8" | 1 3/8" | 1 3/4" | 1 3/8" | 1 3/4" | 1 3/8" | 2" | 2" | 2 1/2" |
| SSC | Stainless steel cushion needles (per needle) | 8.15 | | | | | | 14.65 | | | | | | | | | | | | | |
| | Stainless Steel All Base price (piston rod, fasteners, tie rods & nuts) | 21.80 | 27.70 | 25.70 | 28.90 | 25.70 | 28.90 | 35.60 | 40.35 | 35.60 | 44.35 | 37.00 | 45.75 | 48.65 | 60.45 | 51.45 | 63.25 | 82.15 | 102.75 | 102.75 | 135.10 |
| SSA | Stainless Steel All Price per inch of stroke | 2.10 | 3.55 | 2.10 | 3.55 | 2.10 | 3.55 | 3.85 | 5.80 | 3.85 | 5.80 | 3.85 | 5.80 | 6.40 | 8.75 | 7.25 | 9.60 | 12.25 | 16.45 | 16.45 | 19.00 |
| SSF | Stainless steel fasteners (bushing retainer screws) | N/A | N/A | 2.70 | N/A | 2.70 | N/A | 4.00 | N/A | 4.00 | | | | | | 7.55 | | | | | |
| SSN | Stainless steel tie rod nuts | 3.90 | | 5.10 | | | | 6.65 | | | | 8.05 | | | | 9.15 | | 16.40 | | | |
| SSR | Stainless steel piston rod (base charge) | 10.90 | 16.80 | 10.90 | 16.80 | 10.90 | 16.80 | 16.80 | 25.55 | 16.80 | 25.55 | 16.80 | 25.55 | 25.55 | 37.35 | 25.55 | 37.35 | 37.35 | 57.95 | 57.95 | 90.30 |
| SSR | Stainless steel piston rod (per inch of stroke) | 1.25 | 2.70 | 1.25 | 2.70 | 1.25 | 2.70 | 2.70 | 4.65 | 2.70 | 4.65 | 2.70 | 4.65 | 4.65 | 7.00 | 4.65 | 7.00 | 7.00 | 11.20 | 11.20 | 13.75 |
| SST | Stainless steel tie rods (base charge) | 7.00 | | | | | | 8.15 | | | | | | 11.05 | | 12.75 | | 20.85 | | | |
| SST | Stainless steel tie rods (per inch of stroke) | 0.85 | | | | | | 1.15 | | | | | | 1.75 | | 2.60 | | 5.25 | | | |

* Cushion available cap end only on 1 1/2" bore, 1" rod.