

# SUCKER RODS



## Grade DXS (D Special - Extended Pin)

### **SPECIFICALLY FORMULATED FOR MEDIUM TO DEEP WELLS AND/OR MODERATE TO HEAVY ROD LOADS**

The grade DXS sucker rod is manufactured from modified UNS G43300 nickel-chromium-molybdenum alloy steel. After normalizing and tempering with specially selected temperatures to maximize impact properties, all rods are shot peened per our own unique standards, developed to significantly improve corrosion and fatigue resistance. The grade DXS sucker rod is designed to maximize performance and improve runtime in fluids that are effectively inhibited to prevent corrosion. Furnished with a modified extended pin to utilize the torque capacity of the connection, the grade DXS sucker rod is designed as an intermediate grade to be used prior to the application of high strength sucker rods.

### **MADE IN AMERICA**

LUFKIN Rods is the only privately owned and operated Sucker Rod manufacturing plant in the USA. All our products are sourced and manufactured domestically, and our advanced manufacturing plant ensures the highest quality possible. Our automated system continually monitors the manufacturing process and ensures the quality is consistent from start to the finish. Throughout the entire manufacturing process our quality control is unmatched in the industry. We offer more experience than any other sucker rod provider and offer unparalleled solutions for your rod lift applications. LUFKIN Rods will help you meet or exceed your goals, and can offer expert help with predictive designs, product selection, failure analysis, training and more. Put our experienced team to work for you and reduce your failure rates and improve your bottom line.



API 11B Certified.

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# SUCKER ROD - GRADE DXS - SPECIFICATIONS



## CHEMICAL

Color Code	Silver
UNS Series Steel	G43300
Carbon, %	0.30 to 0.34
Manganese, %	0.70 to 1.10
Phosphorus, %	0.03 max.
Sulfur, %	0.035 max.
Silicon, %	0.15 to 0.35
Nickel, %	1.65 to 1.85
Chromium, %	0.90 to 1.10
Molybdenum, %	0.15 to 0.30
Vanadium, %	0.07 to 0.10
Copper, %	0.35 max.

## MECHANICAL

Yield Strength, 2-inch offset, psi	100,000 min.
Tensile Strength, psi	125,000 to 140,000
Elongation, 8-inches, %	10 min.
Reduction of Area, %	45 min.

**BUILT TO LAST**

Made to Perform

### Headquarters

811 Willow Oak Dr,  
Missouri City, TX 77489  
(281) 495-1100

### Manufacturing Plant

502 South Oakland Ave  
Nappanee, IN 46550  
(574) 227-1288

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