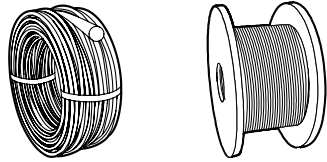


# STAINLESS WIRE SANRIG 80 STAINLESS RIG ROD



ZAPP IS CERTIFIED TO ISO 9001



## HIGH-PERFORMANCE WIRE MATERIALS

Zapp's program for stainless steel rig rod for rigging on sailing boats and yachts that meets the high demands on tensile strength, toughness and corrosion resistance in marine environments. SanRig 80 stainless rig rod is also used for a range of applications within the architectural area and building construction.

## STAINLESS RIG ROD IN COILS

SanRig 80 stainless steel rig rod in coils is available in size range 4–17.9 mm (0.157–0.70 in.). It is delivered in coils of 150–250 kg (330–550 lbs), depending on size.

## STAINLESS RIG ROD AS BAR

SanRig 80 stainless steel rig rod can be delivered as bar in straight lengths in size range 16.8–50.8 mm (0.63–2.0 in.). It can be supplied in the unpolished or fully polished condition.

SanRig 80 rig rod can be supplied from stock for immediate repair and service type installations, but can also be made to order for specific projects such as new yacht builds and scheduled refurbishment work. Contact us for stock list.

SanRig 80 (UNS S31675) stainless steel rig rod is comparable to grade Nitronic\* 50.

## CHEMICAL COMPOSITION (NOMINAL), %

C max.	Si	Mn	P max.	S max.	Cr	Ni	Mo	N	Nb
0.005	0.5	4.0	0.020	0.015	20.5	10	2.4	0.4	0.3

## SIZES AND PROPERTIES FOR SANRIG 80 RIG ROD

Diameter, mm (in.)	Form of supply	Weight, kg/m	Breaking load min (lbf)
4.50 (0.17)	Coil	0.12	4955
5.50 (0.20)	Coil	0.16	6399
5.70 (0.22)	Coil	0.20	8316
6.40 (0.25)	Coil	0.25	10484
7.10 (0.28)	Coil	0.31	12903
7.50 (0.30)	Coil	0.35	14398
8.40 (0.33)	Coil	0.44	18061
9.50 (0.37)	Coil	0.57	23101
11.10 (0.44)	Coil	0.77	30450
12.70 (0.45)	Coil	1.00	39861
14.30 (0.56)	Coil	1.28	48733
16.80 (0.66)	Coil	1.77	62297
16.80 (0.66)	Bar	1.77	62000
17.90 (0.71)	Coil	1.98	76358
17.90 (0.71)	Bar	1.98	76000
19.50 (0.77)	Bar	2.35	91000
22.20 (0.87)	Bar	3.05	115000
25.40 (1.00)	Bar	3.99	150000
27.10 (1.07)	Bar	4.54	170000
28.60 (1.13)	Bar	5.06	195000
30.30 (1.19)	Bar	5.67	220000
33.40 (1.31)	Bar	6.90	260000
38.10 (1.50)	Bar	8.97	320000
41.28 (1.63)	Bar	10.53	360000
44.45 (1.75)	Bar	12.21	430000
50.80 (2.00)	Bar	15.95	540000

\* Nitronic is a registered trademark owned by AK Steel Corporation, US

### Zapp Precision Metals (Sweden) AB

PRECISION WIRE

Järnverksleden 8

811 34 Sandviken

Sweden

Phone +46 26 265467

precisionmetals-sweden@zapp.com

www.zapp.com

The illustrations, drawings, dimensional and weight data and other information included in this data sheet are intended only for the purposes of describing our products and represent non-binding average values. They do not constitute quality data, nor can they be used as the basis for any guarantee of quality or durability. The applications presented serve only as illustrations and can be construed neither as quality data nor as a guarantee in relation to the suitability of the material. This cannot substitute for comprehensive consultation on the selection of our products and on their use in a specific application. The brochure is not subject to change control.

Last revision: August 2018