

### Dimensions – Superod Sucker Rods and Pony Rods

Nominal Size	7/8"		1"		1-1/4"	
	in	mm	in	mm	in	mm
Diameter of rod body	.858	21.7932	1	25.4	1.225	31.115
Rod body area	.5782	14.682	.7542	19.152	1.182	29.972
Length of sucker rods	450	11,430	450	11,430	450	11,430
Length of pony rods	216	5,486.4	216	5,486.4	216	5,486.4
	108	2,743.2	108	2,743.2	108	2,743.2
	72	1,828.8	72	1,828.8	72	1,828.8
	36	914.4	36	914.4	36	914.4
Width of wrench flat	1.28	32.51	1.31	33.35	1.5	38.1
Length of wrench flat	1.27	32.26	1.27	32.26	1.27	32.26
API pin size	.75	19.05	.875	22.225	1	25.4
Diameter of end fitting	1.50	38.1	1.625	41.275	2	50.8

### Mechanical Properties – Superod Sucker Rods and Pony Rods

Nominal Size	7/8"		1"		1-1/4"	
	psi	MPa	psi	MPa	psi	MPa
Tensile Strength* Min/Max	90,000/	621/	90,000/	621/	90,000/	621/
	115,000	793	115,000	793	115,000	793
Max Working Stress	40,000	276	40,000	276	40,000	276
	lbs	kg	lbs	kg	lbs	kg
Max Working Load	23,000	10,433	30,000	13,608	47,000	21,319
Max Short Term Load	29,000	13,154	40,000	18,144	**60,000	**27,216

\* Limited by steel end fittings and couplings

\*\*60,000 lbs / \*\*27,216 MPa may exceed limitations of other equipment; i.e. elevators

Design Modulus for Superod Sucker Rods = 7.2 mm

### Weights – Superod Sucker Rods and Pony Rods

	7/8"		1"		1-1/4"	
	lbs	kg	lbs	kg	lbs	kg
Length 37.5 ft.	25.56	11.59	34.72	15.75	55.63	25.23
18 ft.	13.65	6.19	18.76	8.51	30.51	13.84
9 ft.	8.16	3.70	11.39	5.17	18.92	8.58
6 ft.	6.32	2.87	8.93	4.05	15.06	6.83
3 ft.	4.49	2.04	6.48	2.94	11.20	5.08