

# SPRING WIRE



**Coils**



**Stands**



**Reels**



**Spools**

## Grades

302, 304, 316  
17-7  
XM-19  
Alloy 400  
Alloy 600, X750  
904L

## Diameter

.014" - .625"

## Finishes

Soap Coat  
Bright

## Specifications

ASTM A313  
ASTM B166  
SAE J230  
AMS 5688  
AMS 5678

## Temper

Hard drawn - see tensile strength levels chart on reverse side of this sheet.

## Coatings

Wet drawn bright or dry drawn soap coatings are available to meet specific requirements.

## Packaging

16" I.D. coils, 30 to 125 pounds; 22" I.D. coils, 100 to 750 pounds; 500 and 700 pound returnable spools; and 1500 pound real capability.

ISO 9001-2000

# Tensile Strength

## Stainless Steel Spring Wire

Diameter, Inch	TENSILE STRENGTH, PSI						
	302 AND 304		305	17-7PH Condition C		17-7PH Condition CH900	
	Minimum	Maximum	316 Minimum	Minimum	Maximum	Minimum	Maximum
0.013	314,000	344,000	240,000	270,000	300,000	320,000	350,000
0.014	312,000	342,000	240,000	270,000	300,000	320,000	350,000
0.015	310,000	340,000	240,000	270,000	300,000	320,000	350,000
0.016	308,000	338,000	235,000	270,000	300,000	320,000	350,000
0.017	306,000	336,000	235,000	270,000	300,000	320,000	350,000
0.018	304,000	334,000	235,000	270,000	300,000	320,000	350,000
0.020	300,000	330,000	235,000	260,000	290,000	320,000	350,000
0.022	296,000	326,000	235,000	260,000	290,000	320,000	350,000
0.024	292,000	322,000	235,000	260,000	290,000	320,000	350,000
0.026	289,000	319,000	235,000	260,000	290,000	320,000	350,000
0.028	286,000	316,000	235,000	260,000	290,000	320,000	350,000
0.032	277,000	307,000	235,000	260,000	290,000	320,000	350,000
0.036	273,000	303,000	235,000	260,000	290,000	320,000	350,000
0.041	269,000	299,000	235,000	260,000	290,000	320,000	350,000
0.047	262,000	292,000	230,000	255,000	285,000	310,000	340,000
0.054	260,000	290,000	225,000	250,000	280,000	305,000	335,000
0.062	255,000	285,000	220,000	242,000	272,000	297,000	327,000
0.072	250,000	280,000	215,000	240,000	270,000	292,000	322,000
0.080	245,000	275,000	210,000	240,000	270,000	292,000	322,000
0.092	240,000	270,000	205,000	227,000	257,000	279,000	307,000
0.105	232,000	262,000	200,000	223,000	253,000	274,000	304,000
0.120	225,000	255,000	195,000	221,000	251,000	272,000	302,000
0.148	210,000	240,000	185,000	211,000	241,000	256,000	286,000
0.162	205,000	235,000	180,000	—	—	—	—
0.177	195,000	225,000	170,000	—	—	—	—



3880 W. Valley Blvd. • Walnut, CA 91789  
800-255-6974-IA • Fax 909-595-0439

