

**SUPERON<sup>®</sup>**

*"World Class Products"*

**WORLD CLASS STAINLESS STEEL WIRES**





# Superon Schweisstechnik India Ltd.



Corporate Office, Gurgaon

Superon Schweisstechnik India Ltd., established in the year 2004, is today India's fastest growing producer of international quality stainless steel wires & welding consumables. "Superon" is well known in India as well as, now also in numerous other countries, all over the world, for its superior quality products ([www.superonindia.com](http://www.superonindia.com)).

- ★ India's highest quality producer of stainless steel wires & welding consumables.
- ★ India's largest manufacturer of stainless steel welding electrodes.
- ★ India's only integrated producer of "World Class" stainless steel wires, welding wires & welding electrodes.
- ★ India's best value - perfect balance of product & cost effective pricing.

## TECHNICAL COLLABORATIONS WITH GLOBAL LEADERS:



1. M/s Air Liquide Welding France / M/s Oerlikon Schweisstechnik AG, Switzerland - Licenced Manufacturing of a full range of Welding Electrodes: Mild Steel, Low Hydrogen, Stainless Steel, Hardfacing...



2. M/s Kjellberg Finsterwalde, Germany - Manufacturing of a full range of stainless steel & low heat input welding electrodes in technical collaboration.

## WORLD CLASS ISO CERTIFIED MANUFACTURING FACILITIES



Plant -II, Manesar, Fabrication Welding Electrodes



Plant -III, Gurgaon, Stainless Steel Wires



Plant -IV, Gurgaon, FCAW, Wear Plates...

## WORLD CLASS QC EQUIPMENTS



Spectrometer



Computerised UTM



Mechanical Lab

## GLOBAL EXPORTS

- ★ Superon today produces & exports a wide range of welding consumables, welding electrodes & wires, welding auxiliaries, as well as stainless steel non welding wires, to over 30 countries in North & South America, Europe, Africa, Asia, Middle East.....
- ★ Excellent "Value Proposition" through ideal balance of "World Class" quality, superior performance features & cost effective pricing.
- ★ Consistent high quality through ISO Certified production facilities, technology transfer from world leaders, & long term commitment to customer service.
- ★ Availability of a full range of welding consumables - As per AWS, Maintenance & Repair, Stainless Steel welding wires, welding auxiliaries... Single window.
- ★ Assured Reliability. Track record of quality leadership in India & now also internationally.



## WIDE PRODUCT RANGE



Stainless Steel MIG/ TIG Wires



Stainless Steel Fine Wires



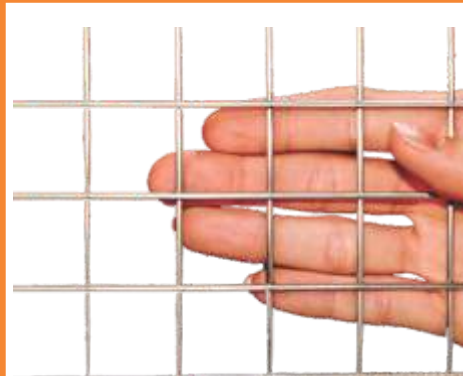
Stainless Steel Wires/ Earthing wires



Spring Quality Wires



Cold Heading Quality Wires



Electro Polishing Quality Wires

## WIDE RANGE OF APPROVALS

### International:



### National:



...And many more

## WIDE RANGE OF STAINLESS STEEL WIRES

### FINEWIRE



### BRAIDING, KNITTING & WEAVING

Wire suitable for braiding, knitting & weaving applications, mainly used in mesh manufacturing, automotive, printing and filter Industries.

#### GRADES :

|              |        |        |          |        |        |           |        |        |
|--------------|--------|--------|----------|--------|--------|-----------|--------|--------|
| <b>AISI</b>  | 302    | 304    | 304L     | 305    | 309    | 309S      | 310    | 310S   |
| <b>W.Nr.</b> | 1.4310 | 1.4301 | 1.4306/7 | 1.4303 | 1.4828 | 1.4332/33 | 1.4845 | 1.4845 |

|              |        |        |        |        |        |        |        |
|--------------|--------|--------|--------|--------|--------|--------|--------|
| <b>AISI</b>  | 314    | 316    | 316L   | 316Ti  | 321    | 321H   | 430    |
| <b>W.Nr.</b> | 1.4841 | 1.4401 | 1.4404 | 1.4571 | 1.4541 | 1.4841 | 1.4016 |

|   |  |               |  |
|---|--|---------------|--|
| <b>SIZE RANGE</b>                         | <b>FINISH</b>  | <b>TEMPER</b> | <b>PACKAGING</b>                               |
| 0.10 mm to 0.070 mm<br>(0.004" to 0.028") | Bright (Heavy Oil Coated/<br>Slightly Oil Coated/<br>Without Oil Coated) | Soft Annealed | Spools, Din - 100, 125, 200, 250<br>Ns - 5, 10 |

### STAINLESS STEEL EPQ WIRE



Wire used for manufacture of fabricated baskets, kitchen appliances and other formed parts. These wire are widely used in the food industry, medical applications, decorative and architectural usage.

#### GRADES :

|              |        |          |        |        |
|--------------|--------|----------|--------|--------|
| <b>AISI</b>  | 304    | 304(L)   | 316    | 316(L) |
| <b>W.Nr.</b> | 1.4301 | 1.4306/7 | 1.4401 | 1.4404 |

|                              |                  |                                   |                                    |                  |
|------------------------------|------------------|-----------------------------------|------------------------------------|------------------|
| <b>SIZE RANGE</b>            | <b>TOLERANCE</b> | <b>TENSILE (N/MM<sup>2</sup>)</b> | <b>SURFACE FINISH</b>              | <b>PACKAGING</b> |
| 1.40 to 3.00<br>3,01 & above | DIN h9           | 750-900<br>700-850                | mirror bright finish<br>cold drawn | Coils            |

## GENERAL USE STAINLESS STEEL WIRE



### GENERAL APPLICATION

Wire suitable for general purpose usage. Available in all types of grades for different applications. Wires are used for the manufacture of wire ropes, chains, pins, bolts, hooks, spoke wires etc...

### GRADES :

| AISI  | 201                                       | 202       | 204.Cu | 301    | 302    | 303    | 304    | 304L     | 305    | 309    | 309S      | 310    |
|-------|---|-----------|--------|--------|--------|--------|--------|----------|--------|--------|-----------|--------|
| W.Nr. | 1.4372<br><small>(3.5% - 5.5% Ni)</small> | 1.4370/71 | 1.4597 | 1.4310 | 1.4310 | 1.4305 | 1.4301 | 1.4306/7 | 1.4303 | 1.4828 | 1.4832/33 | 1.4845 |

| AISI  | 310S   | 314    | 316    | 316L   | 316Ti  | 321    | 409Ti  | 410    | 420    | 430    | 431    | 434    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| W.Nr. | 1.4845 | 1.4841 | 1.4401 | 1.4404 | 1.4571 | 1.4541 | 1.4512 | 0.4006 | 1.4021 | 1.4016 | 1.4057 | 1.4113 |

### SIZE RANGE

0.70 mm to 10 mm (0.028" to 0.393")

### SIZE RANGE

Soap Drawn (Matte Finish)/ Grease Drawn (Bright Finish) :- Cleaned or with residual lubricant.

### PACKAGING

|                   | Spools<br>(Plastic/<br>Metal) | Drums | Bare<br>Coils | Carrier | Reels<br>(metal/<br>wooden) | Cheese Coil<br>(Aero Pack) | Handi<br>Pack |
|-------------------|-------------------------------|-------|---------------|---------|-----------------------------|----------------------------|---------------|
| 00.71 to 01.20 mm | ✓                             | ✓     | ✓             | ✓       | ✓                           |                            | ✓             |
| 01.21 to 01.80 mm |                               | ✓     | ✓             | ✓       | ✓                           |                            | ✓             |
| 01.81 to 04.80 mm |                               |       | ✓             | ✓       | ✓                           | ✓                          |               |
| 04.81 to 04.80 mm |                               |       | ✓             | ✓       |                             | ✓                          |               |
| 08.00 to 10.00 mm |                               |       | ✓             | ✓       |                             |                            |               |

- ★ Spools (Plastic/ Metal)
- ★ Drums
- ★ Bare Coils
- ★ Carrier
- ★ Metal/ Wooden Reels
- ★ Cheese Coils(Acro Pack)
- ★ Handi Pack



(I) Equivalent DIN/ AFNOR/ B.S/ JIS/ GOST/ UNI are supplied.  
 (II) Customized chemistries are available to best suit your application.

## STAINLESS STEEL SPRING WIRE



### SPRING WIRES/ WIRE FOR SHOT PENNING/ SS BALLS

Superon stainless steel spring wire, is manufactured with excellent mechanical properties, for uniformity in spring forming. Our spring wire is processed under quality control with close adherence to the cast, wrap, helix and bend test of the wire and suitable surface finish. This type of wire is painstakingly finished to eliminate flaws which reduce fatigue strength i.e. lateral and longitudinal cracks, pits and marks.

#### GRADES :

| AISI  | 302    | 304    | 316    |
|-------|--------|--------|--------|
| W.Nr. | 1.4310 | 1.4301 | 1.4401 |

#### SIZE RANGE

0.20 to 0.70 mm (0.008" to 0.028")  
0.70 to 6.00 mm (0.028" to 0.236")

#### FINISH

Bright  
Matte - soap Coated

#### PACKAGING

On Spools  
In Coils

#### SPECIAL FEATURES:

- ★ Smooth Surface
- ★ High Corrosion Resistance
- ★ Excellent Heat Resistance
- ★ Superior Coiling Efficiency
- ★ High Fatigue Strength



#### SPRINGS WIRE ARE PRODUCED AS PER

ASTM A313/ JIS G4314/ BS EN 10270

DIN 17440

ISO 4454



## STAINLESS STEEL CHQ WIRE



### COLD HEADING QUALITY WIRE

Superon stainless steel CHQ wire is suitable for applications such as bolts, nuts, screws, nails etc. Superon stainless steel wire for CHQ is made by choosing selected quality wire rods and special heat treatment process.

#### GRADES :

| AISI  | 304    | 304L     | 316    | 316L   | 430    | 434    | 410    |
|-------|--------|----------|--------|--------|--------|--------|--------|
| W.Nr. | 1.4301 | 1.4306/7 | 1.4401 | 1.4404 | 1.4016 | 1.4113 | 0.4006 |

#### SIZE RANGE

0.80 To 2.0 mm  
2.01 & above

#### TOLERANCE

DIN h9  
DIN h9

#### FINISH

Uniform Coated Surface

#### PACKAGING

Coils, Pattern Laid Coil  
Pay Pack Drums

## STAINLESS STEEL WELDING WIRES

### STAINLESS STEEL TIG WIRES



#### SIZE RANGE

0.80 mm To 5.00 mm  
(0.034" To 0.1875")

#### FINISH

Bright Finish

#### PACKAGING

★ In Fiber/ Plastic Tubes of 2 Kg/ 4lbs, 5kg/ 10lbs, Also available in Bulk.

## STAINLESS STEEL MIG WIRE



### GRADES :

|              |        |        |        |        |        |        |        |        |        |        |         |        |        |
|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|
| <b>AWS</b>   | 307    | 307Si  | 308L   | 308LSi | 309L   | 309LSi | 309LMo | 310    | 312    | 316L   | 316LSi  | 317L   | 318    |
| <b>W.Nr.</b> | 1.4370 | 1.4370 | 1.4316 | 1.4316 | 1.4332 | 1.4332 | 1.4459 | 1.4842 | 1.4337 | 1.4430 | 1.4430  | 1.4438 | 1.4576 |
| <b>AWS</b>   | 318Si  | 347    | 347Si  | 410    | 420    | 430    | 430LNB | 409    | 409CB  | 409Ti  | 410NiMo | 2209   |        |
| <b>W.Nr.</b> | 1.4576 | 1.4451 | 1.4451 | 0.4006 | 1.4021 | 1.4016 | 1.4511 | —      | —      | —      | —       | —      |        |

### SIZE RANGE

0.60 mm to 1.60 mm (0.025" to 0.062")

### FINISH

Bright & Matt Finish.

### PACKAGING

- ★ 12.5 Kgs/ 25 Lbs, 15 Kgs/ 30 Lbs/ 33lbs Layer Wound Plastic/ Metallic Spool.
- ★ 5 Kgs/ 10 Lbs Layer Wound Plastic Spool.
- ★ 1 Kg/ 2lbs Layer Wound Plastic Spool.
- ★ Wooden Reels of 250 Kgs/ 550 Lbs.
- ★ In Drums of 100-250 Kgs (200-550 Lb).



## STAINLESS STEEL WELDING ELECTRODE QUALITY CORE WIRES



### SIZE RANGE

1.60 mm to 5.00 mm (0.062" to 0.1875")

### PACKAGING

In Cut Length or In Coils



## STAINLESS STEEL SUBARC WIRES



### SIZE RANGE

1.60 mm to 4.00 mm  
(0.062" to 0.156")

### PACKAGING

Layer Wound Coils (With Fiber Core)/  
K415 Spools of 25 Kgs./ 50lbs./ 60lbs.

## MIG WIRE IN DRUM PACKING



### GRADES :

|              |        |        |        |        |        |        |        |        |        |        |        |        |        |
|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <b>AWS</b>   | 307    | 307Si  | 308L   | 308LSi | 309L   | 309LSi | 309LMo | 310    | 312    | 316L   | 316LSi | 317L   | 318    |
| <b>W.Nr.</b> | 1.4370 | 1.4370 | 1.4316 | 1.4316 | 1.4332 | 1.4332 | 1.4459 | 1.4842 | 1.4337 | 1.4430 | 1.4430 | 1.4438 | 1.4576 |

|              |        |        |        |        |        |        |        |     |       |       |         |      |
|--------------|--------|--------|--------|--------|--------|--------|--------|-----|-------|-------|---------|------|
| <b>AWS</b>   | 318Si  | 347    | 347Si  | 410    | 420    | 430    | 430LNB | 409 | 409CB | 409Ti | 410NiMo | 2209 |
| <b>W.Nr.</b> | 1.4576 | 1.4451 | 1.4451 | 0.4006 | 1.4021 | 1.4016 | 1.4511 | —   | —     | —     | —       | —    |

### SIZE RANGE

0.80 mm to 1.60 mm (0.034" to 0.062")

### FINISH

Bright & Matt Finish

### PACKAGING

- ★ In Drums of 100-250 Kgs (200-550 Lb)
- ★ Wooden Reels of 250 Kgs/ 550 Lbs

## APPLICATIONS



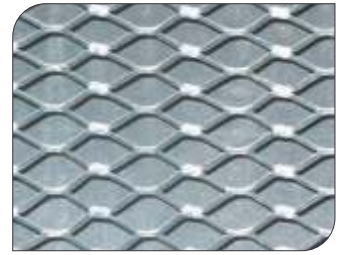
Kitchenware and Basket



Flexible Connector



Wall Ties



Wire Mesh



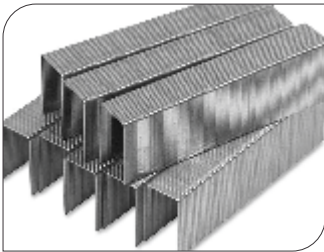
Springs



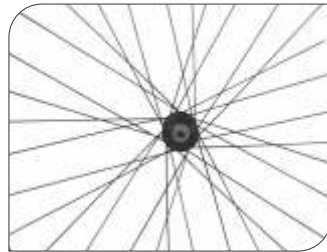
Braiding



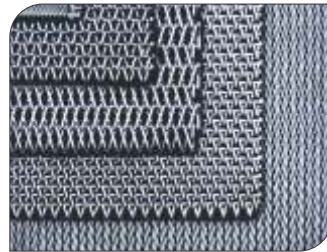
Filters



Staples



Spokes



Conveyor Belt



Wire Ropes



Nails



Welding Electrodes



Chains

## USED IN INDUSTRIES LIKE



Aviation



Automobile



Ship Building



Power



Textile



Electronics

# TYPICAL CHEMICAL COMPOSITION

| Grades Offered |             |           |       |           |           |             |           |           |           |           |                               |           | Chemical Composition               |           |               |               |                  |
|----------------|-------------|-----------|-------|-----------|-----------|-------------|-----------|-----------|-----------|-----------|-------------------------------|-----------|------------------------------------|-----------|---------------|---------------|------------------|
| TYPE           | C           | Mn        | P     | S         | Si        | Cr          | Ni        | Cu        | Mo        | N         | Ti                            | Other     | EQUIVALENT INTERNATIONAL STANDARDS |           |               |               |                  |
| GRADE          | Max         | Max       | Max   | Max       | Max       |             |           |           |           | Max       | Max                           |           | W.Nr                               | JIS       | BS            | AFNOR         | UNI              |
|                | %           | %         | %     | %         | %         | %           | %         | %         | %         | %         | %                             | %         |                                    |           |               |               |                  |
| 201 (0.3%Ni)   | 0.15        | 7.00-9.00 | 0.075 | 0.030     | 1.00      | 14.0-16.0   | 0.30-0.50 | 1.50-2.50 | 0.30      | 0.25      | —                             | —         | —                                  | —         | —             | —             | —                |
| 201 (0.6%Ni)   | 0.15        | 7.00-9.00 | 0.100 | 0.030     | 1.00      | 14.0-16.0   | 0.50-0.70 | 1.50-2.50 | 0.30      | 0.25      | —                             | —         | —                                  | —         | —             | —             | —                |
| 201 (0.9%Ni)   | 0.15        | 7.00-9.00 | 0.100 | 0.030     | 1.00      | 14.0-16.0   | 0.90-1.20 | 1.50-2.50 | 0.30      | 0.25      | —                             | —         | —                                  | —         | —             | —             | —                |
| 201 (3%Ni)     | 0.15        | 7.00-9.00 | 0.100 | 0.030     | 1.00      | 14.0-17.0   | 3.00-4.00 | 1.50-2.50 | 0.30      | 0.25      | —                             | —         | —                                  | —         | —             | —             | —                |
| 201            | 0.15        | 5.50-7.50 | 0.060 | 0.030     | 0.75      | 14.0-18.0   | 3.50-5.50 | 0.75      | —         | 0.25      | —                             | —         | 1.4372                             | —         | —             | —             | —                |
| 204 Cu         | 0.08        | 6.50-8.50 | 0.060 | 0.030     | 2.00      | 14.0-17.0   | 1.50-3.00 | 2.00-3.00 | 0.30      | 0.25      | —                             | —         | 1.4597                             | —         | —             | —             | —                |
| 301            | 0.12        | 2.00      | 0.045 | 0.030     | 1.00      | 16.0-18.0   | 6.0-8.0   | —         | —         | 0.10      | —                             | —         | 1.4310                             | —         | —             | —             | —                |
| 302            | 0.12        | 2.00      | 0.045 | 0.030     | 1.00      | 17.0-19.0   | 8.0-10.0  | —         | —         | 0.10      | —                             | —         | 1.4310                             | SUS302    | 302S17        | Z 12CN 17-17  | X 12CrNi 17017   |
| 302HQ          | 0.03        | 2.00      | 0.045 | 0.030     | 1.00      | 17.0-19.0   | 9.0-11.0  | 3.0-4.0   | —         | —         | —                             | —         | 1.4567                             | —         | 394S31        | Z 2CN4 18-10  | —                |
| X M7           | 0.03        | 2.00      | 0.045 | 0.030     | 1.00      | 17.0-19.0   | 8.0-10.0  | 3.0-4.0   | 0.10      | —         | —                             | —         | —                                  | —         | —             | —             | —                |
| 303            | 0.08        | 2.00      | 0.045 | 0.15-0.35 | 1.00      | 17.0-19.0   | 8.0-10.0  | —         | —         | —         | —                             | —         | 1.4305                             | SUS303    | 303S31        | Z 10CNF 18-09 | X 10CrNiS 1809   |
| 303Cu          | 0.08        | 2.00      | 0.045 | 0.15-0.35 | 1.00      | 17.0-19.0   | 8.0-10.0  | 1.4-3.0   | —         | 0.10      | —                             | —         | 1.4570                             | —         | —             | —             | —                |
| 304            | 0.08        | 2.00      | 0.045 | 0.030     | 1.00      | 18.0-20.0   | 8.0-10.0  | —         | —         | —         | —                             | —         | 1.4301                             | SUS304    | 304S15        | Z 6CN 18-09   | X 5CrNi 1810     |
| 304HC          | 0.08        | 2.00      | 0.045 | 0.030     | 1.00      | 18.0-20.0   | 8.0-10.0  | 2.0-3.0   | —         | —         | —                             | —         | —                                  | —         | —             | —             | —                |
| 304L           | 0.03        | 2.00      | 0.045 | 0.030     | 1.00      | 17.0-19.0   | 10.0-12.0 | —         | —         | —         | —                             | —         | 1.4306                             | SUS304L   | 304S11        | Z 2CN 18-10   | X 2CrNi 1811     |
| 304L           | 0.03        | 2.00      | 0.045 | 0.030     | 1.00      | 17.5-19.5   | 8.0-10.5  | —         | —         | 0.11      | —                             | —         | 1.4307                             | SUS304L   | 304S11        | Z 2CN 18-10   | X 2CrNi 1811     |
| 305            | 0.06        | 2.00      | 0.045 | 0.030     | 1.00      | 17.0-19.0   | 11.0-13.0 | —         | —         | —         | —                             | —         | 1.4303                             | —         | —             | —             | —                |
| 310S           | 0.08        | 2.00      | 0.045 | 0.030     | 1.50      | 24.0-26.0   | 19.0-22.0 | —         | —         | —         | —                             | —         | 1.4845                             | —         | —             | —             | —                |
| 314            | 0.25        | 2.00      | 0.045 | 0.030     | 1.50-3.00 | 23.0-26.0   | 19.0-22.0 | —         | —         | —         | —                             | —         | 1.4841                             | —         | —             | —             | —                |
| 316            | 0.08        | 2.00      | 0.040 | 0.030     | 1.00      | 16.0-18.0   | 10.0-14.0 | —         | 2.00-3.00 | —         | —                             | —         | 1.4401                             | SUS316    | 316S31        | Z 6CND 17-11  | X 8CrNiMo 1713   |
| 316L           | 0.03        | 2.00      | 0.045 | 0.030     | 1.00      | 16.0-18.0   | 10.0-14.0 | —         | 2.00-3.00 | —         | —                             | —         | 1.4404                             | SUS316L   | 316S11        | Z 6CND 17-12  | X 2CrNiMo 1712   |
| 316Ti          | 0.08        | 2.00      | 0.045 | 0.030     | 1.00      | 16.0-18.0   | 10.0-12.0 | —         | 2.00-3.00 | —         | —                             | —         | 1.4571                             | —         | 320S31-320S17 | Z 6CNDT 17-12 | X 6CrNiMoTi 1712 |
| 321            | 0.08        | 2.00      | 0.045 | 0.030     | 1.00      | 17.0-19.0   | 9.0-13.0  | —         | —         | —         | 5X%C upto 0.8<br>5X%C Minimum | —         | 1.4541                             | SUS321    | 321S31        | Z 6CNT 18-10  | X 6CrNiTi 1811   |
| 347            | 0.08        | 2.00      | 0.045 | 0.030     | 1.00      | 17.0-19.0   | 9.0-13.0  | —         | —         | —         | —                             | Nb>=10X%C | 1.4550                             | —         | —             | —             | —                |
| 2340           | 0.10        | 2.00      | 0.040 | 0.030     | 1.00      | 16.0-18.0   | 8.0-10.0  | —         | 1.30-1.80 | —         | —                             | —         | —                                  | —         | —             | —             | —                |
| 409            | 0.08        | 1.00      | 0.045 | 0.030     | 1.00      | 10.50-12.50 | —         | —         | —         | —         | 6X %C                         | —         | 1.4512                             | —         | —             | —             | —                |
| 409Cb          | 0.06        | 1.00      | 0.045 | 0.040     | 1.00      | 10.50-11.75 | 0.50 max  | —         | —         | —         | —                             | —         | —                                  | —         | —             | —             | —                |
| 410            | 0.15        | 1.00      | 0.040 | 0.045     | 1.00      | 11.5-13.5   | —         | —         | —         | —         | —                             | —         | —                                  | —         | —             | —             | —                |
| 416            | 0.15        | 1.00      | 0.040 | 0.15-0.30 | 1.00      | 12.0-14.0   | —         | —         | —         | —         | —                             | —         | —                                  | —         | —             | —             | —                |
| 420            | 0.15 - 0.25 | 1.00      | 0.040 | 0.040     | 1.00      | 12.0-14.0   | —         | —         | —         | —         | —                             | —         | —                                  | —         | —             | —             | —                |
| 420C           | 0.43 - 0.25 | 1.00      | 0.040 | 0.040     | 1.00      | 12.0-14.0   | —         | —         | —         | —         | —                             | —         | —                                  | —         | —             | —             | —                |
| ER 420         | 0.30 - 0.37 | 1.00      | 0.030 | 0.030     | 1.00      | 12.0-14.0   | —         | —         | —         | —         | —                             | —         | —                                  | —         | —             | —             | —                |
| 430            | 0.10        | 1.00      | 0.040 | 0.040     | 0.75      | 16.0-18.0   | 0.60      | —         | —         | —         | —                             | —         | 1.4016                             | SUS430    | 430S17        | Z8C17         | X 8Cr17          |
| 430L           | 0.030       | 1.00      | 0.040 | 0.040     | 1.00      | 16.0-18.0   | —         | —         | —         | —         | —                             | —         | 1.4016                             | —         | —             | —             | —                |
| 430Cu          | 0.12        | 0.30-0.5  | 0.040 | 0.040     | 0.30-0.50 | 16.0-18.0   | 0.50 max  | 0.85-1.00 | —         | —         | —                             | —         | —                                  | —         | —             | —             | —                |
| 430F           | 0.12        | 1.25      | 0.060 | 0.060     | 1.25      | 16.0-18.0   | —         | —         | —         | —         | —                             | —         | —                                  | —         | —             | —             | —                |
| 430F DIN       | 0.12        | 1.25      | 0.060 | 0.060     | 1.25      | 16.0-18.0   | —         | —         | 0.20-0.60 | —         | —                             | —         | 1.4104                             | —         | —             | —             | —                |
| 430Nb          | 0.08        | 1.00      | 0.045 | 0.045     | 1.00      | 16.0-18.0   | —         | —         | —         | —         | —                             | —         | 1.4511                             | —         | —             | —             | —                |
| 431            | 0.12 - 0.23 | 1.50      | 0.040 | 0.040     | 1.50      | 15.0-17.0   | 1.50-2.50 | —         | —         | —         | —                             | —         | 1.4057                             | —         | —             | —             | —                |
| 434            | 0.12        | 1.00      | 0.040 | 0.040     | 1.00      | 16.0-18.0   | 0.50 max  | 0.75 max  | 0.75-1.25 | —         | —                             | —         | 1.4113                             | —         | —             | —             | —                |
| 441            | 0.03        | 1.00      | 0.040 | 0.040     | 1.00      | 17.5-18.5   | —         | —         | —         | —         | 0.10-0.60                     | —         | 1.4509                             | —         | —             | —             | —                |
| 2101           | 0.040       | 4.00-6.00 | 0.040 | 0.040     | 4.00-6.00 | 21.00-22.00 | 1.35-1.70 | 0.10-0.80 | 0.10-0.80 | 0.20-0.25 | —                             | —         | 1.4162                             | —         | —             | —             | —                |
| 2205           | 0.030       | 2.00      | 0.030 | 0.030     | 2.00      | 21.00-23.00 | 4.50-6.50 | 0.10-0.60 | 2.50-3.50 | 0.10-0.22 | —                             | —         | 1.4462                             | SUS32953L | 318S13        | —             | —                |
| 2209           | 0.030       | 0.50-2.00 | 0.030 | 0.030     | 0.50-2.00 | 21.50-23.50 | 7.50-9.50 | 0.75      | 2.50-3.50 | 0.08-0.20 | —                             | —         | —                                  | —         | —             | —             | —                |
| 2304           | 0.030       | 2.00      | 0.030 | 0.030     | 2.00      | 22.0-24.0   | 3.50-5.50 | 0.10-0.60 | 0.10-0.60 | 0.05-0.22 | —                             | —         | 1.4362                             | —         | —             | —             | —                |
| 2553           | 0.040       | 1.50      | 0.040 | 0.040     | 1.50      | 24.0-27.0   | 4.50-6.50 | 1.50-2.50 | 2.90-3.90 | 0.10-0.25 | —                             | —         | —                                  | —         | —             | —             | —                |
| 2594           | 0.030       | 2.50      | 0.030 | 0.030     | 2.50      | 24.0-27.0   | 8.0-10.50 | 1.50      | 2.50-4.50 | 0.20-0.30 | —                             | —         | —                                  | —         | —             | —             | —                |



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