

## HIGH TEMP

Cobalt-Based	
UNS#	UNS#
L-605	R30605
MP159 <sup>®1</sup>	R30159
MP35N <sup>®1</sup>	R30035
Nickel-Based	
80A	N07080
600	N06600
617	N06617
625	N06625
625 PLUS <sup>®</sup>	N07716
680	N06002
706	N09706
718	N07718
720	N07720
725 <sup>®</sup>	N07725
X-750	N07750
901	N09901
925	N09925
C-263	N07263
C-276	N10276
CTX-1	N19903
CTX-3	N19907
CTX-909	N19909
Thermo-Span <sup>®</sup>	
G-27	
Pyromet <sup>®</sup> 41	N07041
Waspaloy	N07001
Stainless Steel	
330	N08330
418	S41800
422	S42200
A-286	S66286
Jethete M152	S64152

## STAINLESS STEELS

Austenitic	
UNS#	UNS#
302	S30200
302HQ	S30430
302HQ-FM <sup>®</sup>	S30431
303 <sup>P70+</sup>	S30300
303-Se	S30323
304/304L <sup>P70+</sup>	S30403
316/316L <sup>P70+</sup>	S31603
316L-SCQ <sup>®</sup>	S31603
321	S32100
330	N08330
347	S34700
20Cb-3 <sup>®</sup> (Alloy 20)	N08020
20Mo-6 <sup>®</sup> HS	N08036
Duplex	
2205	S31803
2507	S32750
Micro-Melt <sup>®</sup> 100	S32760
Micro-Melt <sup>®</sup> 2205	S32205
Micro-Melt <sup>®</sup> 2304	S32304
Micro-Melt <sup>®</sup> 2507	S32750
Micro-Melt <sup>®</sup> 2906	S32906
Ferritic Stainless	
409Cb	S40940
430	S43000
XM-27	S44627
Martensitic	
1.4418	S42010
410	S41000
420	S42000
431	S43100
416 <sup>P70+</sup>	S41600
420F	S42020

440A	S44002
440C	S44004
440F Se	
A-21 <sup>®</sup>	S41429
BG-42	S42700
Pyrowear <sup>®</sup> 675	S42670
Trimrite <sup>®</sup>	S42010

## Nitrogen Strengthened Austenitic

18Cr-2Ni-12Mn	S24100
18Cr-3Ni-12Mn	S24000
21Cr-6Ni-9Mn	S21900
22Cr-13Ni-5Mn	S20910
Gall-Tough <sup>®</sup> Plus	S20162
15-15HS Max	
15-15LC <sup>®</sup> Modified	S21300
SCF 19 <sup>®</sup> Max	S21000
SCF 260 <sup>®</sup>	

## Precipitation Hardenable

13-8Mo	
13Cr-8Ni	S13800
15Cr-5Ni	S15500
15Cr-5Ni <sup>P70+</sup>	S15500
355	S35000
A-286	S66286
Pyromet <sup>®</sup> 350	S35000
Custom 450 <sup>®</sup>	S45000
Custom 455 <sup>®</sup>	S45500
Custom 465 <sup>®</sup>	S46500
Custom 630 (17-4) <sup>P70+</sup>	S17400
Custom 631 (17Cr-7Ni)	S17700

## NICKEL-COPPER

Ni-Cu 400	N04400
Ni-Cu 405	N04405
Ni-Cu K500	N05500

## ALLOY & SPECIALTY STEELS

Bearing & Gear Steel	
UNS#	UNS#
9310	G93106
52100	G52986
ACUBE <sup>®</sup> 100	
Carpenter 158	T51606
CBS-223	
CBS-50 NiL	K91231
M-50	T11350
CBS-600	K21940
Ferrium <sup>®</sup> C64	K92731
L-6490	T11350
Nitralloy 135M	K24065
Nitralloy N	
Pyrowear <sup>®</sup> 53	K71040
Pyrowear <sup>®</sup> 61	K93061

## High Strength

AerMet <sup>®</sup> 100	K92580
Aermet <sup>®</sup> 100 Plus	
AerMet <sup>®</sup> 310	
AerMet <sup>®</sup> 340	
35NCD16	
300M	K44220
300M-HS	K44220
882	T20811
4140	
4340	G43400
4330+V	K23080
6305	K14675
AF-9628	
D6AC	K24728
Ferrium <sup>®</sup> M54	K91973
Ferrium <sup>®</sup> S53	S10500
HP 9-4-20	K91472
HP 9-4-30	K91283

HY-180	K91970
HyTuf	K32550
NiMark <sup>®</sup> 250	K92890
NiMark <sup>®</sup> 300	K93120
PremoMax <sup>®</sup>	K52260
PremoMet <sup>®</sup>	K63835
Pyrowear <sup>®</sup> 225	K52260
Temper Tough <sup>®</sup>	K63835
UT-18	

## Valve Steel

21-4N	S63008
21-12N	S63017
23-8N	S63018
31V	N07032
80A	N07080
751	N07751
NCF 3015/30 Ni	S66315

## TITANIUM

3Al-2.5V	R56320
3Al-8V-6Cr-4Mo-4Zr	R58640
6Al-2Sn-4Zr-2Mo	R54620
6Al-4V	R56400
6Al-4V Eli	R56407
6Al-6V-2Sn	R56620
6Al-7Nb	R56700
15V-3Cr-3Sn-3Al	R58153
CP Grade 1	R50250
CP Grade 2	R50400
CP Grade 3	R50550
CP Grade 4	R50700

<sup>1</sup> Registered trademark of SPS Technologies, Inc.

<sup>P70+</sup> Available in Project 70<sup>®</sup>+ version for enhanced machinability

**SOFT MAGNETIC**

High Magnetic Saturation	UNS#
Hiperco® 27	K92650
Hiperco® 50	R30005
Hiperco® 50A	R30005
Hiperco® 50 HS	R30005
Hypocore®	
High Permeability	
High Permeability 49®	K94840
HyMu 80®	N14080
HyMu 800	N14080
Hy-Ra 49	K94840

**Magnetic Iron**

Core Iron
Electrical Iron
Silicon Core Iron A
Silicon Core Iron B
Silicon Core Iron B-FM
Silicon Core Iron C

**Corrosion Resistant Magnetic**

430F	S43020
430FR	
Chrome Core® 8-FM	
Chrome Core® 12-FM	
Chrome Core® 13-FM	
Chrome Core® 13-XP	
Chrome Core® 18-FM	
XM-27	S44627

**MEDICAL**

Cobalt-Based	UNS#
BioDur® CCM	R31537
Conichrome®	R30008
GADS Vitallium	R31539
L-605/BioDur® L-605	R30605
Micro-Melt® BioDur® CCM Low Nickel	R31537
Micro-Melt® BioDur® CCM Plus®	R31538
MP35N®1	R30035

**Stainless Steels**

420	S42000
440A	S44002
BioDur® 108	S29108
BioDur® 22Cr-13Ni-5Mn	S20910
BioDur® 316LS	S31673
BioDur® 734	
Custom 455®	S45500
Custom 465®	S46500
Custom 470®	S46500
Custom 630 (17-4) <sup>P70+</sup>	S17400
Gall-Tough® Plus	S21800
TrimRite®	S42010
Trinamet®	S42030

**Titanium**

See Titanium

**HEATING ELEMENT**

Tophet® Alloy A
Tophet® Alloy C

**CONTROLLED EXPANSION, ELECTRICAL & ELECTRONIC**

Electrical Resistance	UNS#
CBX Cupron®	
Evanohm® R	

**Glass & Ceramic Sealing**

Glass Sealing 27	
Glass Sealing 42	K94100
Glass Sealing 46	
Kovar	K94610

**High Expansion**

High Expansion 19-7	
High Expansion 22-3	
High Expansion 25-8	
High Expansion 72	

**Low Expansion**

Free-Cut Invar "36"®	K93601
Invar 36	K93600
Low Expansion 38-7	
Low Expansion 42	K94101
Low Expansion 43-PH	
Super Invar 32-5	

**Temperature Compensator**

Temperature Compensator 30 (Type 2)	
Temperature Compensator 32 (Type 1)	
Temperature Compensator 80	

**TOOL & DIE STEELS**
**Powder Metallurgy Corrosion & Wear Resistant Tool**

Micro-Melt® 20-4	
Micro-Melt® 420-CW	
Micro-Melt® 440C	S44004
Micro-Melt® 440-XH	

**Cold Work Tool & Die**

AerMet® for Tooling	K92580
A2	T30102
A6	T30106
A8	T30108
A18	
D2	T30402
D3	T30403
L6	T61206
O1	T31501
O6	T31506
S2	T41902
S5	T41905
S7	T41907

**High Speed**

M1	T11301
M2	T11302
M4	T11304
M7	T11307
M10	T11310
M11	
M42®	T11342
Matrix II	

**Hot Work Tool & Die**

H11	T20811
H13	T20813
H19	T20819

**Powder Metallurgy Cold Work Tool**

Micro-Melt® A11	T30111
Micro-Melt® A11-LVC	
Micro-Melt® CD#1	
Micro-Melt® PD#1	
Micro-Melt® PD#5	

**Powder Metallurgy High Speed**

Micro-Melt® M3	T11323
Micro-Melt® M4	T11304
Micro-Melt® 23	T11323
Micro-Melt® 30	
Micro-Melt® M42	T11342
Micro-Melt® M48	T11348
Micro-Melt® 60	
Micro-Melt® M62	
Micro-Melt® HS30	
Micro-Melt® Maxamet®	
Micro-Melt® T15	T12015
Micro-Melt® T15 Plus	

**CUTTING BLADE**

CTS® 40A	S44002
CTS® 204P	
CTS® BD1N	
CTS® BD2I	
CTS® XHP	

<sup>P70+</sup> Available in Project 70®+ version for enhanced machinability

ACUBE® 100, Custom Age 625 Plus®, Custom Age 725®, Free-Cut Invar "36"®, High Permeability "49"®, HyMu "80"®, Invar "36"®, Low Expansion "42"®, BioDur® CCM, and Micro-Melt® BioDur® CCM are registered trademarks of CRS Holdings, LLC.

Unless otherwise noted, trademarks are property of CRS Holdings, LLC. Quality systems are approved to ISO 9001:2008 and AS-9100.