

## Tytan i stopy tytanu

|                                   |                                                      |   |  |  |  |  |  |  |
|-----------------------------------|------------------------------------------------------|---|--|--|--|--|--|--|
| Ti 6Al-4V ELI - Grade 23 - 3.7165 | ASTM F136 - ASTM F1472 - ISO 5832-3                  | ✓ |  |  |  |  |  |  |
| Ti 6Al-4V - Grade 5 - 3.7164      | AMS 4928 - AMS 4911 - AMS 4967 - AMS 4963 - AMS 4965 | ✓ |  |  |  |  |  |  |
| Ti Grade 2 - 3.7035               | ASTM F67 - ISO 5832-2                                |   |  |  |  |  |  |  |
| Ti Grade 4 - 3.7065               | ASTM F67 - ISO 5832-2                                |   |  |  |  |  |  |  |
| Ti Grade 4 CW - 3.7065            | ASTM F67 - ISO 5832-2                                | ✓ |  |  |  |  |  |  |
| TiAl6Nb7 - 9.9367                 | ASTM F1295 - ISO 5832-11                             |   |  |  |  |  |  |  |

## Stop na bazie kobaltu

|                                   |                                   |   |  |  |  |  |  |  |
|-----------------------------------|-----------------------------------|---|--|--|--|--|--|--|
| M64BC® - BIODUR CCM® - 2.4979     | ASTMF1537 - ISO 5832-12           | ✓ |  |  |  |  |  |  |
| L605 - XSH® - HAYNES 25® - 2.4964 | ASTM F90 - ISO 5832-5             | ✓ |  |  |  |  |  |  |
| Phynox® - Elgiloy® - 2.4711       | ASTM F1058 - ISO 5832-7           |   |  |  |  |  |  |  |
| MP35N® - 2.4782                   | ASTM F562 - ISO 5832-6 - AMS 5844 |   |  |  |  |  |  |  |

## Miedź berylowa

|                             |                                                                                                               |   |   |  |  |  |  |  |
|-----------------------------|---------------------------------------------------------------------------------------------------------------|---|---|--|--|--|--|--|
| Alloy 25 - C17200 - 2.1247  | AMS 4533 - AMS 4534 - AMS 4535 - AMS 4650 - AMS 4651 - AMS 4530 - AMS 4532 - AMS 4725 - ASTM B196 - ASTM B194 | ✓ | ✓ |  |  |  |  |  |
| Alloy 3 - C17510 - 2.0850   | ASTM B441 - ASTM B534                                                                                         |   |   |  |  |  |  |  |
| Alloy 290 - C17200 - 2.1247 | ASTM B194                                                                                                     |   |   |  |  |  |  |  |
| Alloy 174 - C17410          | ASTM B768                                                                                                     |   |   |  |  |  |  |  |
| Alloy M25 - C17300 - 2.1248 | ASTM B197 - ASTM B196                                                                                         | ✓ |   |  |  |  |  |  |

## Stopy miedzi: stopy nikiel-miedź, brązy aluminiowe

|                               |                      |  |  |  |  |  |  |  |
|-------------------------------|----------------------|--|--|--|--|--|--|--|
| CuAl10Ni5Fe3 - UA10N - C63000 | NFL 14705 - AMS 4640 |  |  |  |  |  |  |  |
| CuAl10Ni5Fe5 - C63020         | AMS 4590             |  |  |  |  |  |  |  |
| CuAl10Ni5Fe3 - C95510         | AMS 4880             |  |  |  |  |  |  |  |
| CuAl11Ni5Fe5 - UA11N - C95520 | NFL 14706 - DTD 197A |  |  |  |  |  |  |  |
| CuZn19Al6 - UZ19A6 - C67000   | NFL 14707            |  |  |  |  |  |  |  |
| Performel® [CuNi7Si2Cr1]      |                      |  |  |  |  |  |  |  |

## ToughMet® 3 - CuNi15Sn8

|                             |                                |   |   |  |  |  |  |  |
|-----------------------------|--------------------------------|---|---|--|--|--|--|--|
| ToughMet® 3 AT 110 - C72900 | AMS 4596 - AMS 4598 - AMS 4595 | ✓ | ✓ |  |  |  |  |  |
| ToughMet® 3 TS 160 - C72900 | AMS 4597                       | ✓ |   |  |  |  |  |  |
| ToughMet® 3 TS 150 - C72900 |                                |   |   |  |  |  |  |  |
| ToughMet® 3 CX90 - C96900   | ASTM B505                      |   |   |  |  |  |  |  |
| ToughMet® 3 CX105 - C96900  | ASTM B505                      |   |   |  |  |  |  |  |

## Stal nierdzewna

|                                                                 |                                               |   |  |   |   |  |  |   |
|-----------------------------------------------------------------|-----------------------------------------------|---|--|---|---|--|--|---|
| Stal nierdzewne austenityczne na implanty                       |                                               |   |  |   |   |  |  |   |
| 1.4441 - 316LVM - S31673                                        | ASTM F138 - ASTM F139 - ISO 5832-1            | ✓ |  |   |   |  |  |   |
| 1.4472 - M30NW® - 316DN® - S31675                               | ASTM F1586 - ISO 5832-9                       | ✓ |  |   |   |  |  |   |
| BIODUR 108® - S29108                                            | ASTM F2229                                    |   |  |   |   |  |  |   |
| Stale nierdzewne utwardzane wydzieleniowo (typ PH)              |                                               |   |  |   |   |  |  |   |
| 1.4534 - PH 13-8 Mo - S13800                                    | AMS 5629                                      |   |  |   |   |  |  |   |
| 1.4542 - 17-4PH - AISI630 - S17400                              | ASTM F899 - NF S94-090 - AMS 5643 - EN10088-3 | ✓ |  | ✓ | ✓ |  |  | ✓ |
| 1.4543 - Custom® 455 - MX455 - XM16 - SWP 455 - S45500          | ASTM F899 - NF S94-090 - AMS 5617             | ✓ |  |   |   |  |  |   |
| 1.4545 - 15-5 PH - S15500                                       | AMS 5659 - AMS 5862 - LAT1 9037               | ✓ |  |   |   |  |  | ✓ |
| 1.4548 - 17-4PH - S17400                                        | AMS 5622                                      | ✓ |  |   |   |  |  | ✓ |
| 1.4614 - Custom® 465 - SWP465 - S46500                          | ASTM F899 - AMS 5936                          | ✓ |  |   |   |  |  |   |
| 1.4980 - A286 - S66286                                          | AMS 5731 - AMS 5732                           | ✓ |  |   |   |  |  |   |
| Stale nierdzewne martenzytyczne do ulepszania ciepłego (typ QT) |                                               |   |  |   |   |  |  |   |
| 2H13 - 1.4021 - 420A                                            | ASTM F899 - NF S94-090 - EN10088-3            | ✓ |  | ✓ |   |  |  | ✓ |
| 3H13/3H14 - 1.4028 - 420B                                       | ASTM F899 - NF S94-090 - EN10088-3            | ✓ |  |   |   |  |  |   |
| 4H13 - 1.4034 - 420C                                            | ASTM F899 - NF S94-090 - EN10088-3            | ✓ |  |   |   |  |  |   |
| 2H17N2 - 1.4057 - S43100 - APX®                                 | ASTM F899 - NF S94-090 - EN10088-3 - AIR9160C | ✓ |  | ✓ |   |  |  | ✓ |
| 1.4104 / 430F                                                   | EN10088-3                                     | ✓ |  |   |   |  |  | ✓ |
| 1.4108 - S42027                                                 | ASTM F899                                     |   |  |   |   |  |  |   |
| 1.4109-440A                                                     | ASTM F899                                     | ✓ |  |   |   |  |  |   |
| 1.4112 - 440B                                                   | NF S94-090 - EN10088-3                        | ✓ |  | ✓ |   |  |  | ✓ |
| 1.4418 - APX4®                                                  | EN10088-3 - AIR 9160C                         |   |  |   |   |  |  |   |
| 1.4123 - 420Mod - X15TN®                                        | ASTM F899 - NF S94-090 - EN10088-3            | ✓ |  |   |   |  |  |   |
| 1.4125 - 440C                                                   | ASTM F899 - NF S94-090 - EN10088-3            | ✓ |  |   |   |  |  | ✓ |
| 1.4197 - 420FMod                                                | ASTM F899                                     | ✓ |  |   |   |  |  |   |
| 4028Mo                                                          | ASTM F899                                     |   |  |   |   |  |  |   |
| Stale nierdzewne austenityczne                                  |                                               |   |  |   |   |  |  |   |
| 0H18N9 - 1.4301 - 304                                           | ASTM F899 - NF S94-090 - EN10088-3            | ✓ |  |   |   |  |  | ✓ |
| 1.4305 - 303                                                    | ASTM F899 - NF S94-090 - EN10088-3            | ✓ |  |   |   |  |  | ✓ |
| 00H18N10 - 1.4307 - 304L                                        | ASTM F899 - NF S94-090 - EN10088-3            | ✓ |  |   |   |  |  |   |
| 0H17N12M2 - 1.4401 - 316                                        | ASTM F899 - NF S94-090 - EN10088-3            | ✓ |  |   |   |  |  |   |
| 00H17N14M2 - 1.4404 - 316L                                      | ASTM F899 - NF S94-090 - EN10088-3            | ✓ |  |   |   |  |  | ✓ |
| 1.4435 - 316L                                                   | EN10088-3                                     | ✓ |  |   |   |  |  |   |
| 0H17N12M2T - 1.4571 - 316Ti                                     | EN10088-3                                     | ✓ |  |   |   |  |  | ✓ |

## Stopy na bazie niklu

|                            |                     |  |  |  |  |  |  |  |
|----------------------------|---------------------|--|--|--|--|--|--|--|
| Inconel 718 - 2.4668       | AMS 5662 - AMS 5663 |  |  |  |  |  |  |  |
| Inconel 625 - 2.4856       | AMS 5666            |  |  |  |  |  |  |  |
| Nimonic 80A - 2.4952       | ASTM B637           |  |  |  |  |  |  |  |
| Alloy 360 Nickel Beryllium |                     |  |  |  |  |  |  |  |

## Inne gatunki

|                                                                                               |  |  |  |  |  |  |  |  |
|-----------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|
| Niobium C-103 - NbHf10Ti1                                                                     |  |  |  |  |  |  |  |  |
| Metal Matrix Composites : AlBeMet® / AlBeCast® / SupremEX® / AyontEX® Aluminum-silicon alloys |  |  |  |  |  |  |  |  |



# STAINLESS GROUP

**Od blisko 100 lat – zaufany partner w zakresie dostaw  
wysokowydajnych stopów metali oraz usług  
zintegrowanych w łańcuchu dostaw**

## KLUCZOWE RYNKI

MEDYCZNY

LOTNICZY

OBRONNY

MECHANIKA PRECYZYJNA

## CERTYFIKACJE GRUPY STAINLESS

ISO 9001 - ISO 14001 - ISO 13485 -  
AS/EN 9120 - Certyfikat AEO  
(ulätwienia celne)

**Od zaopatrzenia  
i logistyki  
międzynarodowej po cięcie i  
obróbkę – wspieramy Państwa  
firmę na każdym etapie**

### Zarządzanie zapasami

- Magazyn konsygnacyjny
- Zapasy dedykowane z dostawą na żądanie

### Cięcie i piłowanie precyzyjne

- Bloki, pręty, rury i płaskowniki
- Zgodność z normą DIN ISO 2768

### Cięcie wzdłużne

- Realizacja zgodnie ze specyfikacją klienta

### Pomiar prostoliniowości i okrągłości prętów

- Bardzo wysoka precyzja
- Certyfikacja powierzchni, w tym tolerancje  
h6 – h8 – f7 – f8

### Fazowanie

- Średnice od 8 mm do 80 mm
- Krótkie terminy dostaw

### Wewnętrzne laboratorium badawcze

- Analiza chemiczna (OES)
- Rozwój nowych produktów
- Badania materiałowe
- Ekspertyzy i oceny techniczne

### Instytut szkoleniowy STAINLESS

- Szkolenia na wszystkich poziomach,  
od podstawowego do eksperckiego

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