

**EMUGE**  
**FRANKEN**



**-AL-GLT-104**

**アルミ用タップ シリーズ**

**EMUGE**

アルミ用タップ シリーズ  
Machine Taps for Aluminium alloys

## 推奨アプリケーションと 切削条件

**注記：**

表中の切削速度( $v_c$  in m/min) は推奨値です。個々の加工環境 (被削材、切削油、機械など) に合わせて適宜調整してください。

切削速度の推奨値は呼び径 10 mm の場合を基準にしています。



= DIN-Form / 食付き山数 (リードテーパー山数)

## Application recommendation and cutting data

**Please note:**

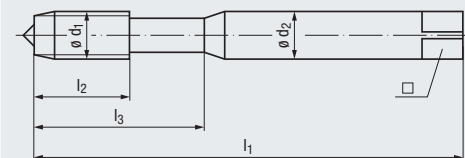
The circumferential speeds ( $v_c$  in m/min) listed in the respective columns are standard values which have to be adjusted to individual work conditions (material, lubrication, machine etc.).

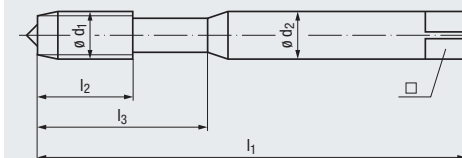
The recommended circumferential speeds are related to a nominal thread diameter of 10 mm.

 = DIN form / threads (lead taper length)

| 適用範囲－被削材<br>Applications－material |                              |                                                                      | 引張り強さ<br>Tensile Strength | 材種例(DIN他)<br>Material examples               | 材種例(JIS他)<br>Material examples                       |
|-----------------------------------|------------------------------|----------------------------------------------------------------------|---------------------------|----------------------------------------------|------------------------------------------------------|
| P                                 |                              | 鋼<br>Steel materials                                                 |                           |                                              |                                                      |
|                                   | 1.1                          | 冷間押し出し鋼<br>機械構造用炭素鋼<br>快削鋼                                           | ≤ 600 N/mm <sup>2</sup>   | Cq15<br>S235JR (S137-2)<br>10SPb20           | SPC, SPH, SS400, STKM,<br>SUM22, SWRCH, SWRM         |
|                                   |                              | 2.1                                                                  |                           | 機械構造用炭素鋼<br>浸炭鋼<br>鋳鋼                        | E360 (S170-2)<br>16MnCr5<br>GS-25CrMo4               |
|                                   | 3.1                          | 浸炭鋼<br>熱処理鋼<br>冷間鍛造鋼                                                 | ≤ 1000 N/mm <sup>2</sup>  | 20MoCr3<br>42CrMo4<br>102Cr6                 | SACM, SCM415H, SCM440H,<br>SCMn, SCPh, SCr440H, SUJ2 |
|                                   | 4.1                          | 熱処理鋼<br>冷間鍛造鋼<br>窒化鋼                                                 |                           | 50CrMo4<br>X45NiCrMo4<br>31CrMo12            | SCM445H, SKH, SKS, SKT, SUP                          |
|                                   | 5.1                          | 高合金鋼<br>合金工具鋼(冷間金型用)<br>合金工具鋼(熱間金型用)                                 | ≤ 1400 N/mm <sup>2</sup>  | X38CrMoV5-3<br>X100CrMoV8-1-1<br>X40CrMoV5-1 | SKD12, SKD61, SKT, SUH, SKH                          |
|                                   |                              |                                                                      |                           |                                              |                                                      |
| M                                 |                              | ステンレス<br>Stainless steel materials                                   |                           |                                              |                                                      |
|                                   | 1.1                          | フェライト、マルテンサイト                                                        | ≤ 950 N/mm <sup>2</sup>   | X2CrTi12                                     | SCS, SUS420J2, SUS403                                |
|                                   | 2.1                          | オーステナイト                                                              | ≤ 950 N/mm <sup>2</sup>   | X6CrNiMoTi17-12-2                            | SCS, SUH, SUS304, SUS316                             |
|                                   | 3.1                          | オーステナイト/フェライト 二相系、析出硬化系                                              | ≤ 1100 N/mm <sup>2</sup>  | X2CrNiMoN22-5-3                              | SUS329J3L, SUS630, 15-5PH                            |
| 4.1                               | オーステナイト/フェライト 二相系、析出硬化系      | ≤ 1250 N/mm <sup>2</sup>                                             | X2CrNiMoN25-7-4           | SUS329J4L, SCST4A,                           |                                                      |
| K                                 |                              | 鋳鉄<br>Cast materials                                                 |                           |                                              |                                                      |
|                                   | 1.1                          | ねずみ鋳鉄                                                                | 100-250 N/mm <sup>2</sup> | EN-GJL-200 (GG20)                            | FC200                                                |
|                                   | 1.2                          |                                                                      | 250-450 N/mm <sup>2</sup> | EN-GJL-300 (GG30)                            | FC300                                                |
|                                   | 2.1                          | ダクタイル鋳鉄                                                              | 350-500 N/mm <sup>2</sup> | EN-GJS-400-15 (GGG40)                        | FCd400                                               |
|                                   | 2.2                          |                                                                      | 500-900 N/mm <sup>2</sup> | EN-GJS-700-2 (GGG70)                         | FCd700                                               |
|                                   | 3.1                          | バミキュラー鋳鉄                                                             | 300-400 N/mm <sup>2</sup> | GJV 300                                      | FCV300                                               |
|                                   | 3.2                          |                                                                      | 400-500 N/mm <sup>2</sup> | GJV 450                                      | FCV400                                               |
| 4.1                               | 可鍛鋳鉄                         | 250-500 N/mm <sup>2</sup>                                            | EN-GJMW-350-4 (GTW-35)    | FCMW330                                      |                                                      |
| 4.2                               |                              | 500-800 N/mm <sup>2</sup>                                            | EN-GJMB-450-6 (GTS-45)    | FCMW370                                      |                                                      |
| N                                 |                              | 非鉄<br>Non ferrous materials                                          |                           |                                              |                                                      |
|                                   |                              | アルミニウム合金<br>Aluminium alloys                                         |                           |                                              |                                                      |
|                                   | 1.1                          | アルミニウム合金 展伸材                                                         | ≤ 200 N/mm <sup>2</sup>   | EN AW-AiMn1                                  | A1050, A3030                                         |
|                                   | 1.2                          |                                                                      | ≤ 350 N/mm <sup>2</sup>   | EN AW-AiMgSi                                 | A5052, A6061                                         |
|                                   | 1.3                          |                                                                      | ≤ 550 N/mm <sup>2</sup>   | EN AW-AiZn5Mg3Cu                             | A7075                                                |
|                                   | 1.4                          |                                                                      | Si ≤ 7%                   | EN AC-AiMg5                                  | ADC5, AC7A                                           |
|                                   | 1.5                          | アルミニウム合金 鋳物                                                          | 7% < Si ≤ 12%             | EN AC-AiSi9Cu3                               | ADC11, ADC12, AC2A                                   |
|                                   | 1.6                          |                                                                      | 12% < Si ≤ 17%            | GD-AiSi17Cu4FeMg                             | ADC14                                                |
|                                   |                              | 銅合金<br>Copper alloys                                                 |                           |                                              |                                                      |
|                                   | 2.1                          | 純銅、低合金銅                                                              | ≤ 400 N/mm <sup>2</sup>   | E-Cu 57                                      | 純銅, C2400                                            |
|                                   | 2.2                          | 黄銅                                                                   | ≤ 550 N/mm <sup>2</sup>   | CuZn37 (Ms63)                                | C2720, C2801                                         |
|                                   | 2.3                          | 快削黄銅                                                                 | ≤ 550 N/mm <sup>2</sup>   | CuZn36Pb3 (Ms58)                             | C3560, C3710                                         |
|                                   | 2.4                          | アルミ青銅                                                                | ≤ 800 N/mm <sup>2</sup>   | CuAl10Ni5Fe4                                 | C5210, C6280                                         |
|                                   | 2.5                          | 青銅                                                                   | ≤ 700 N/mm <sup>2</sup>   | CuSn8P                                       | LBC3                                                 |
|                                   | 2.6                          | 快削青銅                                                                 | ≤ 400 N/mm <sup>2</sup>   | CuSn7ZnPt (Rg7)                              | BC3                                                  |
|                                   | 2.7                          | 特殊銅合金                                                                | ≤ 600 N/mm <sup>2</sup>   | (AMPCO® 8)                                   |                                                      |
| 2.8                               | ≤ 1400 N/mm <sup>2</sup>     |                                                                      | (AMPCO® 45)               |                                              |                                                      |
|                                   | マグネシウム合金<br>Magnesium alloys |                                                                      |                           |                                              |                                                      |
| 3.1                               | マグネシウム合金                     | ≤ 500 N/mm <sup>2</sup>                                              | MgAl6Zn                   |                                              |                                                      |
| 3.2                               | マグネシウム合金鋳物                   | ≤ 500 N/mm <sup>2</sup>                                              | EN-MCMgAl9Zn1             | MC2A, MD1A                                   |                                                      |
|                                   | 合成樹脂<br>Synthetics           |                                                                      |                           |                                              |                                                      |
| 4.1                               | 熱硬化性樹脂                       |                                                                      | Bakelit, Pertinax         |                                              |                                                      |
| 4.2                               | 熱可塑性樹脂                       |                                                                      | PMMA, POM, PVC            |                                              |                                                      |
| 4.3                               | 繊維強化樹脂(繊維含有量<30%)            |                                                                      | GFK, CFK, AFK             |                                              |                                                      |
| 4.4                               | 繊維強化樹脂(繊維含有量>30%)            |                                                                      | GFK, CFK, AFK             |                                              |                                                      |
|                                   | 特殊材料<br>Special materials    |                                                                      |                           |                                              |                                                      |
| 5.1                               | グラファイト                       |                                                                      | C 8000                    |                                              |                                                      |
| 5.2                               | タングステン-銅合金                   |                                                                      | W-Cu 80/20                |                                              |                                                      |
| 5.3                               | 複合材料                         |                                                                      | Hylite, Alucobond         |                                              |                                                      |
|                                   | 耐熱合金<br>Special materials    |                                                                      |                           |                                              |                                                      |
|                                   | チタン合金<br>Titanium alloys     |                                                                      |                           |                                              |                                                      |
| S                                 | 1.1                          | 純チタン                                                                 | ≤ 450 N/mm <sup>2</sup>   | Ti1                                          | 純チタン                                                 |
|                                   | 1.2                          | チタン合金                                                                | ≤ 900 N/mm <sup>2</sup>   | TiAl6V4                                      | Ti-6Al-4V                                            |
|                                   | 1.3                          |                                                                      | ≤ 1250 N/mm <sup>2</sup>  | TiAl4Mo4Sn2                                  | TiAl4Mo4Sn2                                          |
|                                   |                              | ニッケル基合金、コバルト基合金、鉄基合金<br>Nickel alloys, cobalt alloys and iron alloys |                           |                                              |                                                      |
|                                   | 2.1                          | 純ニッケル                                                                | ≤ 600 N/mm <sup>2</sup>   | Ni 99.6                                      | 純ニッケル                                                |
|                                   | 2.2                          | ニッケル基合金                                                              | ≤ 1000 N/mm <sup>2</sup>  | Monel 400                                    | モネル 400, ハステロイ B                                     |
|                                   | 2.3                          |                                                                      | ≤ 1600 N/mm <sup>2</sup>  | Inconel 718                                  | インコネル 718                                            |
| 2.4                               | コバルト基合金                      | ≤ 1000 N/mm <sup>2</sup>                                             | Udimet 605                | Udimet 605                                   |                                                      |
| 2.5                               |                              | ≤ 1600 N/mm <sup>2</sup>                                             | Haynes 25                 | ヘインズ 25                                      |                                                      |
| 2.6                               | 鉄基合金                         | ≤ 1500 N/mm <sup>2</sup>                                             | Incoloy 800               | インコロイ 800                                    |                                                      |
|                                   | 高硬度鋼<br>Hard materials       |                                                                      |                           |                                              |                                                      |
| H                                 | 1.1                          | 高強度鋼、高硬度鋼、高硬度鋳鉄                                                      | 44 - 50 HRC               | Weldox 1100                                  | SKT4                                                 |
|                                   | 1.2                          |                                                                      | 50 - 55 HRC               | Hardox 550                                   | ハードックス550                                            |
|                                   | 1.3                          |                                                                      | 55 - 60 HRC               | Armox 600T                                   | SKD61                                                |
|                                   | 1.4                          |                                                                      | 60 - 63 HRC               | Ferro-Titanit                                | SKD11                                                |
|                                   | 1.5                          |                                                                      | 63 - 66 HRC               | HSSE                                         |                                                      |

[illegible]

|                                                                                                                                                                            |  |  |  |  |  |  |  |  |  |                                                                                                              |               |                                                                                                                |                      |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--------------------------------------------------------------------------------------------------------------|---------------|----------------------------------------------------------------------------------------------------------------|----------------------|--|
| <div><div>M</div><div><div>60°</div><div>P</div></div></div> <div>DIN 13</div> <div></div> |  |  |  |  |  |  |  |  |  | AL<br>アルミニウム合金展伸材                                                                                            |               |                                                                                                                |                      |  |
| 技術情報<br>Technical information                                                                                                                                              |  |  |  |  |  |  |  |  |  | ISO 2/6H *)                                                                                                  | ISO 2/6H      | ISO 2/6H *)                                                                                                    | ISO 2/6H             |  |
| 公差 · Tolerance                                                                                                                                                             |  |  |  |  |  |  |  |  |  | ISO 2/6H *)                                                                                                  | ISO 2/6H      | ISO 2/6H *)                                                                                                    | ISO 2/6H             |  |
| コーティング · Coating                                                                                                                                                           |  |  |  |  |  |  |  |  |  | GLT-104                                                                                                      | GLT-104       | GLT-104                                                                                                        | GLT-104              |  |
| 母材 · Cutting material                                                                                                                                                      |  |  |  |  |  |  |  |  |  | HSSE                                                                                                         | HSSE          | HSSE                                                                                                           | HSSE                 |  |
| 食付き山数 ·                                                                                   |  |  |  |  |  |  |  |  |  | B / ≈3                                                                                                       | B / ≈3        | B / ≈3                                                                                                         | B / ≈3               |  |
| 切削油 ·                                                                                     |  |  |  |  |  |  |  |  |  | E / 0                                                                                                        | E / 0         | E / 0                                                                                                          | E / 0                |  |
| ねじ深さと穴形状<br>Thread depth and hole type                                                                                                                                     |  |  |  |  |  |  |  |  |  | max. 3 x d <sub>1</sub><br> |               | max. 3 x d <sub>1</sub><br> |                      |  |
| アプリケーション – 被削材<br>Applications – material                                                                                                                                  |  |  |  |  |  |  |  |  |  | N 1.4                                                                                                        | N 1.4         | N 1.1-1.4, 2.1                                                                                                 | N 1.1-1.4, 2.1       |  |
| ねじ径 ピッチ<br>ø d <sub>1</sub> P<br>mm mm                                                                                                                                     |  |  |  |  |  |  |  |  |  | Rekord 1B-AL                                                                                                 | Rekord 2B-AL  | Rekord 1B-AL GLT-104                                                                                           | Rekord 2B-AL GLT-104 |  |
| M                                                                                                                                                                          |  |  |  |  |  |  |  |  |  | B0204500.0014                                                                                                |               | B0203G00.0014                                                                                                  |                      |  |
| 1,6                                                                                                                                                                        |  |  |  |  |  |  |  |  |  | B0204500.0016                                                                                                |               | B0203G00.0016                                                                                                  |                      |  |
| 2                                                                                                                                                                          |  |  |  |  |  |  |  |  |  | B0204500.0020                                                                                                |               | B0203G00.0020                                                                                                  |                      |  |
| 2,5                                                                                                                                                                        |  |  |  |  |  |  |  |  |  | B0204500.0025                                                                                                |               | B0203G00.0025                                                                                                  |                      |  |
| 3                                                                                                                                                                          |  |  |  |  |  |  |  |  |  | B0204500.0030                                                                                                |               | B0203G00.0030                                                                                                  |                      |  |
| 3,5                                                                                                                                                                        |  |  |  |  |  |  |  |  |  | B0204500.0035                                                                                                |               | B0203G00.0035                                                                                                  |                      |  |
| 4                                                                                                                                                                          |  |  |  |  |  |  |  |  |  | B0204500.0040                                                                                                |               | B0203G00.0040                                                                                                  |                      |  |
| 5                                                                                                                                                                          |  |  |  |  |  |  |  |  |  | B0204500.0050                                                                                                |               | B0203G00.0050                                                                                                  |                      |  |
| 6                                                                                                                                                                          |  |  |  |  |  |  |  |  |  | B0204500.0060                                                                                                |               | B0203G00.0060                                                                                                  |                      |  |
| 8                                                                                                                                                                          |  |  |  |  |  |  |  |  |  | B0204500.0080                                                                                                |               | B0203G00.0080                                                                                                  |                      |  |
| 10                                                                                                                                                                         |  |  |  |  |  |  |  |  |  | B0204500.0100                                                                                                |               | B0203G00.0100                                                                                                  |                      |  |
| 12                                                                                                                                                                         |  |  |  |  |  |  |  |  |  |                                                                                                              | C0204500.0112 |                                                                                                                | C0203G00.0112        |  |
| 14                                                                                                                                                                         |  |  |  |  |  |  |  |  |  |                                                                                                              | C0204500.0114 |                                                                                                                | C0203G00.0114        |  |
| 16                                                                                                                                                                         |  |  |  |  |  |  |  |  |  |                                                                                                              | C0204500.0116 |                                                                                                                | C0203G00.0116        |  |
| 20                                                                                                                                                                         |  |  |  |  |  |  |  |  |  |                                                                                                              | C0204500.0120 |                                                                                                                | C0203G00.0120        |  |

|                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |                                                                                                                  |               |                                                                                                                  |                      |                    |
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| <div><div>M</div><div><div>60°</div><div>P</div></div></div> <div>DIN 13</div> <div></div> |  |  |  |  |  |  |  |  |  | AL<br>アルミニウム合金展伸材                                                                                                |               |                                                                                                                  |                      |                    |
| 技術情報<br>Technical information                                                                                                                                                 |  |  |  |  |  |  |  |  |  | ISO 2/6H *)                                                                                                      | ISO 2/6H      | ISO 2/6H *)                                                                                                      | ISO 2/6H             | ISO 2/6H           |
| 公差 · Tolerance                                                                                                                                                                |  |  |  |  |  |  |  |  |  | ISO 2/6H *)                                                                                                      | ISO 2/6H      | ISO 2/6H *)                                                                                                      | ISO 2/6H             | ISO 2/6H           |
| コーティング · Coating                                                                                                                                                              |  |  |  |  |  |  |  |  |  | GLT-104                                                                                                          | GLT-104       | GLT-104                                                                                                          | GLT-104              | GLT-104            |
| 母材 · Cutting material                                                                                                                                                         |  |  |  |  |  |  |  |  |  | HSSE                                                                                                             | HSSE          | HSSE                                                                                                             | HSSE                 | HSSE               |
| 食付き山数 ·                                                                                    |  |  |  |  |  |  |  |  |  | B / ≈3                                                                                                           | B / ≈3        | B / ≈3                                                                                                           | B / ≈3               | B / ≈3             |
| 切削油 ·                                                                                      |  |  |  |  |  |  |  |  |  | E / 0                                                                                                            | E / 0         | E / 0                                                                                                            | E / 0                | E / 0              |
| ねじ深さと穴形状<br>Thread depth and hole type                                                                                                                                        |  |  |  |  |  |  |  |  |  | max. 2,5 x d <sub>1</sub><br> |               | max. 2,5 x d <sub>1</sub><br> |                      |                    |
| アプリケーション – 被削材<br>Applications – material                                                                                                                                     |  |  |  |  |  |  |  |  |  | N 1.4                                                                                                            | N 1.4         | N 1.1-1.4, 2.1                                                                                                   | N 1.1-1.4, 2.1       | N 1.1-1.4, 2.1     |
| ねじ径 ピッチ<br>ø d <sub>1</sub> P<br>mm mm                                                                                                                                        |  |  |  |  |  |  |  |  |  | Enorm 1-AL                                                                                                       | Enorm 2-AL    | Enorm 1-AL GLT-104                                                                                               | Enorm 1-AL/E GLT-104 | Enorm 2-AL GLT-104 |
| M                                                                                                                                                                             |  |  |  |  |  |  |  |  |  | B0504500.0014                                                                                                    |               | B0503G00.0014                                                                                                    |                      |                    |
| 1,6                                                                                                                                                                           |  |  |  |  |  |  |  |  |  | B0504500.0016                                                                                                    |               | B0503G00.0016                                                                                                    |                      |                    |
| 2                                                                                                                                                                             |  |  |  |  |  |  |  |  |  | B0504500.0020                                                                                                    |               | B0503G00.0020                                                                                                    |                      |                    |
| 2,5                                                                                                                                                                           |  |  |  |  |  |  |  |  |  | B0504500.0025                                                                                                    |               | B0503G00.0025                                                                                                    |                      |                    |
| 3                                                                                                                                                                             |  |  |  |  |  |  |  |  |  | B0504500.0030                                                                                                    |               | B0503G00.0030                                                                                                    | B0513G00.0030        |                    |
| 3,5                                                                                                                                                                           |  |  |  |  |  |  |  |  |  | B0504500.0035                                                                                                    |               | B0503G00.0035                                                                                                    |                      |                    |
| 4                                                                                                                                                                             |  |  |  |  |  |  |  |  |  | B0504500.0040                                                                                                    |               | B0503G00.0040                                                                                                    | B0513G00.0040        |                    |
| 5                                                                                                                                                                             |  |  |  |  |  |  |  |  |  | B0504500.0050                                                                                                    |               | B0503G00.0050                                                                                                    | B0513G00.0050        |                    |
| 6                                                                                                                                                                             |  |  |  |  |  |  |  |  |  | B0504500.0060                                                                                                    |               | B0503G00.0060                                                                                                    | B0513G00.0060        |                    |
| 8                                                                                                                                                                             |  |  |  |  |  |  |  |  |  | B0504500.0080                                                                                                    |               | B0503G00.0080                                                                                                    | B0513G00.0080        |                    |
| 10                                                                                                                                                                            |  |  |  |  |  |  |  |  |  | B0504500.0100                                                                                                    |               | B0503G00.0100                                                                                                    | B0513G00.0100        |                    |
| 12                                                                                                                                                                            |  |  |  |  |  |  |  |  |  |                                                                                                                  | C0504500.0112 |                                                                                                                  |                      | C0503G00.0112      |
| 14                                                                                                                                                                            |  |  |  |  |  |  |  |  |  |                                                                                                                  | C0504500.0114 |                                                                                                                  |                      | C0503G00.0114      |
| 16                                                                                                                                                                            |  |  |  |  |  |  |  |  |  |                                                                                                                  | C0504500.0116 |                                                                                                                  |                      | C0503G00.0116      |
| 20                                                                                                                                                                            |  |  |  |  |  |  |  |  |  |                                                                                                                  | C0504500.0120 |                                                                                                                  |                      | C0503G00.0120      |

|                                                                                                                                                                                  |  |  |  |  |  |  |  |  |  |  |               |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|---------------|--|--|--|
| <div><div>MF</div><div><div>60°</div><div>P</div></div></div> <div>DIN 13</div> <div></div> |  |  |  |  |  |  |  |  |  |  |               |  |  |  |
| ねじ径 ピッチ<br>ø d <sub>1</sub> P<br>mm mm                                                                                                                                           |  |  |  |  |  |  |  |  |  |  | Enorm 2-AL    |  |  |  |
| M                                                                                                                                                                                |  |  |  |  |  |  |  |  |  |  | C0504500.0303 |  |  |  |
| 12 x                                                                                                                                                                             |  |  |  |  |  |  |  |  |  |  | C0504500.0331 |  |  |  |
| 14 x                                                                                                                                                                             |  |  |  |  |  |  |  |  |  |  | C0504500.0359 |  |  |  |
| 16 x                                                                                                                                                                             |  |  |  |  |  |  |  |  |  |  |               |  |  |  |

| <div><div>MJ</div><div>DIN ISO 5855</div><div></div></div>                                                                                                                                                                                                                                                                                                                                                         |     |      |                |                |                |                  |     |     |     | <div><div>DIN 371</div><div>AL</div><div>アルミニウム合金展伸材</div><div></div><div>new</div><div></div></div>      |                    |  |  |  |  |  |  |  |  |  |                    |  |  |  |                     |   |      |                |                |                |                  |   |  |  |  |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|----------------|----------------|----------------|------------------|-----|-----|-----|-----------------------------------------------------------------------------------------------------------|--------------------|--|--|--|--|--|--|--|--|--|--------------------|--|--|--|---------------------|---|------|----------------|----------------|----------------|------------------|---|--|--|--|--|--|--|
| <div><div>技術情報</div><div>Technical information</div><div><div>公差 · Tolerance</div><div>コーティング · Coating</div><div>母材 · Cutting material</div><div>食付き山数 · </div><div>切削油 · </div></div></div>                                                                                                                                                                                                                      |     |      |                |                |                |                  |     |     |     | <div><div>4H</div><div>GLT-104</div><div>HSSE</div><div>R45</div><div>C / 2-3</div><div>E / O</div></div> |                    |  |  |  |  |  |  |  |  |  |                    |  |  |  |                     |   |      |                |                |                |                  |   |  |  |  |  |  |  |
| <div><div>ねじ深さと穴形状</div><div>Thread depth and hole type</div><div></div></div>                                                                                                                                                                                                                                                                                                                                     |     |      |                |                |                |                  |     |     |     | <div><div>N</div><div>1.1-1.4, 2.1</div></div>                                                            |                    |  |  |  |  |  |  |  |  |  |                    |  |  |  |                     |   |      |                |                |                |                  |   |  |  |  |  |  |  |
| <div><div>アプリケーション – 被削材</div><div>Applications – material</div></div>                                                                                                                                                                                                                                                                                                                                             |     |      |                |                |                |                  |     |     |     |                                                                                                           |                    |  |  |  |  |  |  |  |  |  |                    |  |  |  |                     |   |      |                |                |                |                  |   |  |  |  |  |  |  |
| <table><tr><th>ねじ径</th><th colspan="2">ピッチ</th><th colspan="5"></th><th colspan="2"></th><th rowspan="2"></th><th rowspan="2">Enorm 1-AL GLT-104</th><th rowspan="2"></th><th rowspan="2"></th><th rowspan="2"></th></tr><tr><th>ø d<sub>1</sub> mm</th><th>x</th><th>P mm</th><th>l<sub>1</sub></th><th>l<sub>2</sub></th><th>l<sub>3</sub></th><th>ø d<sub>2</sub></th><th>□</th><th></th><th></th></tr></table> |     |      |                |                |                |                  |     |     |     | ねじ径                                                                                                       | ピッチ                |  |  |  |  |  |  |  |  |  | Enorm 1-AL GLT-104 |  |  |  | ø d <sub>1</sub> mm | x | P mm | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | ø d <sub>2</sub> | □ |  |  |  |  |  |  |
| ねじ径                                                                                                                                                                                                                                                                                                                                                                                                                | ピッチ |      |                |                |                |                  |     |     |     |                                                                                                           | Enorm 1-AL GLT-104 |  |  |  |  |  |  |  |  |  |                    |  |  |  |                     |   |      |                |                |                |                  |   |  |  |  |  |  |  |
| ø d <sub>1</sub> mm                                                                                                                                                                                                                                                                                                                                                                                                | x   | P mm | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | ø d <sub>2</sub> | □   |     |     |                                                                                                           |                    |  |  |  |  |  |  |  |  |  |                    |  |  |  |                     |   |      |                |                |                |                  |   |  |  |  |  |  |  |
| MJ                                                                                                                                                                                                                                                                                                                                                                                                                 | 3   | x    | 0,5            | 56             | 11             | 18               | 3,5 | 2,7 | 2,6 | B0503G10.1229                                                                                             |                    |  |  |  |  |  |  |  |  |  |                    |  |  |  |                     |   |      |                |                |                |                  |   |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                    | 4   | x    | 0,7            | 63             | 13             | 21               | 4,5 | 3,4 | 3,4 | B0503G10.1231                                                                                             |                    |  |  |  |  |  |  |  |  |  |                    |  |  |  |                     |   |      |                |                |                |                  |   |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                    | 5   | x    | 0,8            | 70             | 15             | 25               | 6   | 4,9 | 4,3 | B0503G10.1232                                                                                             |                    |  |  |  |  |  |  |  |  |  |                    |  |  |  |                     |   |      |                |                |                |                  |   |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                    | 6   | x    | 1              | 80             | 17             | 30               | 6   | 4,9 | 5,1 | B0503G10.1233                                                                                             |                    |  |  |  |  |  |  |  |  |  |                    |  |  |  |                     |   |      |                |                |                |                  |   |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                    | 8   | x    | 1              | 90             | 17             | 35               | 8   | 6,2 | 7,1 | B0503G10.1235                                                                                             |                    |  |  |  |  |  |  |  |  |  |                    |  |  |  |                     |   |      |                |                |                |                  |   |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                    | 8   | x    | 1,25           | 90             | 20             | 35               | 8   | 6,2 | 6,9 | B0503G10.2026                                                                                             |                    |  |  |  |  |  |  |  |  |  |                    |  |  |  |                     |   |      |                |                |                |                  |   |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                    | 10  | x    | 1,25           | 100            | 18             | 39               | 10  | 8   | 8,9 | B0503G10.1236                                                                                             |                    |  |  |  |  |  |  |  |  |  |                    |  |  |  |                     |   |      |                |                |                |                  |   |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                    | 10  | x    | 1,5            | 100            | 22             | 39               | 10  | 8   | 8,6 | B0503G10.2308                                                                                             |                    |  |  |  |  |  |  |  |  |  |                    |  |  |  |                     |   |      |                |                |                |                  |   |  |  |  |  |  |  |

| <div><div>UNJC</div><div>ASME B1.1 1)</div><div></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |                  |                |                |                |                  |     |      |  | <div>≈ DIN 371</div>                                             |                          | <div>AL<br/>アルミニウム合金展伸材</div> <div></div> <div>new</div> <div></div> |  |  |  |  |  |  |  |  |                          |  |  |  |                          |      |                  |                |                |                |                  |   |  |  |       |        |    |    |    |    |     |     |     |  |  |               |  |  |  |       |        |    |    |    |    |   |   |      |  |  |               |  |  |  |       |        |    |    |    |    |     |     |      |  |  |               |  |  |  |        |        |    |    |    |    |   |     |      |  |  |               |  |  |  |     |        |    |    |    |    |   |     |      |  |  |               |  |  |  |      |        |    |    |    |    |   |     |     |  |  |               |  |  |  |     |        |    |     |    |    |    |   |     |  |  |               |  |  |  |  |  |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------|----------------|----------------|----------------|------------------|-----|------|--|------------------------------------------------------------------|--------------------------|----------------------------------------------------------------------|--|--|--|--|--|--|--|--|--------------------------|--|--|--|--------------------------|------|------------------|----------------|----------------|----------------|------------------|---|--|--|-------|--------|----|----|----|----|-----|-----|-----|--|--|---------------|--|--|--|-------|--------|----|----|----|----|---|---|------|--|--|---------------|--|--|--|-------|--------|----|----|----|----|-----|-----|------|--|--|---------------|--|--|--|--------|--------|----|----|----|----|---|-----|------|--|--|---------------|--|--|--|-----|--------|----|----|----|----|---|-----|------|--|--|---------------|--|--|--|------|--------|----|----|----|----|---|-----|-----|--|--|---------------|--|--|--|-----|--------|----|-----|----|----|----|---|-----|--|--|---------------|--|--|--|--|--|--|--|--|
| <div>技術情報<br/>Technical information</div> <div>公差・Tolerance<br/>コーティング・Coating<br/>母材・Cutting material</div> <div>食付き山数・<br/>切削油・</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |                  |                |                |                |                  |     |      |  | <div>3B<br/>GLT-104<br/>HSSE<br/>R45<br/>C / 2-3<br/>E / O</div> |                          |                                                                      |  |  |  |  |  |  |  |  |                          |  |  |  |                          |      |                  |                |                |                |                  |   |  |  |       |        |    |    |    |    |     |     |     |  |  |               |  |  |  |       |        |    |    |    |    |   |   |      |  |  |               |  |  |  |       |        |    |    |    |    |     |     |      |  |  |               |  |  |  |        |        |    |    |    |    |   |     |      |  |  |               |  |  |  |     |        |    |    |    |    |   |     |      |  |  |               |  |  |  |      |        |    |    |    |    |   |     |     |  |  |               |  |  |  |     |        |    |     |    |    |    |   |     |  |  |               |  |  |  |  |  |  |  |  |
| <div>ねじ深さと穴形状<br/>Thread depth and hole type</div> <div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |                  |                |                |                |                  |     |      |  | <div>max. 2,5 x d<sub>1</sub></div>                              |                          |                                                                      |  |  |  |  |  |  |  |  |                          |  |  |  |                          |      |                  |                |                |                |                  |   |  |  |       |        |    |    |    |    |     |     |     |  |  |               |  |  |  |       |        |    |    |    |    |   |   |      |  |  |               |  |  |  |       |        |    |    |    |    |     |     |      |  |  |               |  |  |  |        |        |    |    |    |    |   |     |      |  |  |               |  |  |  |     |        |    |    |    |    |   |     |      |  |  |               |  |  |  |      |        |    |    |    |    |   |     |     |  |  |               |  |  |  |     |        |    |     |    |    |    |   |     |  |  |               |  |  |  |  |  |  |  |  |
| <div>アプリケーション – 被削材<br/>Applications – material</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |        |                  |                |                |                |                  |     |      |  | <div>N 1.1-1.4, 2.1</div>                                        |                          |                                                                      |  |  |  |  |  |  |  |  |                          |  |  |  |                          |      |                  |                |                |                |                  |   |  |  |       |        |    |    |    |    |     |     |     |  |  |               |  |  |  |       |        |    |    |    |    |   |   |      |  |  |               |  |  |  |       |        |    |    |    |    |     |     |      |  |  |               |  |  |  |        |        |    |    |    |    |   |     |      |  |  |               |  |  |  |     |        |    |    |    |    |   |     |      |  |  |               |  |  |  |      |        |    |    |    |    |   |     |     |  |  |               |  |  |  |     |        |    |     |    |    |    |   |     |  |  |               |  |  |  |  |  |  |  |  |
| <table><tr><th>ねじ径</th><th colspan="2">山数</th><th colspan="5"></th><th colspan="2"></th><th rowspan="2"></th><th rowspan="2">Enorm<br/>1-AL<br/>GLT-104</th><th rowspan="2"></th><th rowspan="2"></th><th rowspan="2"></th></tr><tr><th>ø d<sub>1</sub><br/>inch</th><th>inch</th><th>P<br/>Gg/1" (tpi)</th><th>l<sub>1</sub></th><th>l<sub>2</sub></th><th>l<sub>3</sub></th><th>ø d<sub>2</sub></th><th>□</th><th></th><th></th></tr><tr><td>Nr. 4</td><td>0.1120</td><td>40</td><td>56</td><td>11</td><td>18</td><td>3,5</td><td>2,7</td><td>2,3</td><td></td><td></td><td>B0503G10.5479</td><td></td><td></td><td></td></tr><tr><td>Nr. 6</td><td>0.1380</td><td>32</td><td>56</td><td>12</td><td>20</td><td>4</td><td>3</td><td>2,85</td><td></td><td></td><td>B0503G10.5481</td><td></td><td></td><td></td></tr><tr><td>Nr. 8</td><td>0.1640</td><td>32</td><td>63</td><td>13</td><td>21</td><td>4,5</td><td>3,4</td><td>3,5</td><td></td><td></td><td>B0503G10.5482</td><td></td><td></td><td></td></tr><tr><td>Nr. 10</td><td>0.1900</td><td>24</td><td>70</td><td>15</td><td>25</td><td>6</td><td>4,9</td><td>3,9</td><td></td><td></td><td>B0503G10.5483</td><td></td><td></td><td></td></tr><tr><td>1/4</td><td>0.2500</td><td>20</td><td>80</td><td>17</td><td>30</td><td>7</td><td>5,5</td><td>5,25</td><td></td><td></td><td>B0503G10.5485</td><td></td><td></td><td></td></tr><tr><td>5/16</td><td>0.3125</td><td>18</td><td>90</td><td>20</td><td>35</td><td>8</td><td>6,2</td><td>6,7</td><td></td><td></td><td>B0503G10.5486</td><td></td><td></td><td></td></tr><tr><td>3/8</td><td>0.3750</td><td>16</td><td>100</td><td>22</td><td>39</td><td>10</td><td>8</td><td>8,1</td><td></td><td></td><td>B0503G10.5487</td><td></td><td></td><td></td></tr></table> |        |                  |                |                |                |                  |     |      |  | ねじ径                                                              | 山数                       |                                                                      |  |  |  |  |  |  |  |  | Enorm<br>1-AL<br>GLT-104 |  |  |  | ø d <sub>1</sub><br>inch | inch | P<br>Gg/1" (tpi) | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | ø d <sub>2</sub> | □ |  |  | Nr. 4 | 0.1120 | 40 | 56 | 11 | 18 | 3,5 | 2,7 | 2,3 |  |  | B0503G10.5479 |  |  |  | Nr. 6 | 0.1380 | 32 | 56 | 12 | 20 | 4 | 3 | 2,85 |  |  | B0503G10.5481 |  |  |  | Nr. 8 | 0.1640 | 32 | 63 | 13 | 21 | 4,5 | 3,4 | 3,5  |  |  | B0503G10.5482 |  |  |  | Nr. 10 | 0.1900 | 24 | 70 | 15 | 25 | 6 | 4,9 | 3,9  |  |  | B0503G10.5483 |  |  |  | 1/4 | 0.2500 | 20 | 80 | 17 | 30 | 7 | 5,5 | 5,25 |  |  | B0503G10.5485 |  |  |  | 5/16 | 0.3125 | 18 | 90 | 20 | 35 | 8 | 6,2 | 6,7 |  |  | B0503G10.5486 |  |  |  | 3/8 | 0.3750 | 16 | 100 | 22 | 39 | 10 | 8 | 8,1 |  |  | B0503G10.5487 |  |  |  |  |  |  |  |  |
| ねじ径                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 山数     |                  |                |                |                |                  |     |      |  |                                                                  | Enorm<br>1-AL<br>GLT-104 |                                                                      |  |  |  |  |  |  |  |  |                          |  |  |  |                          |      |                  |                |                |                |                  |   |  |  |       |        |    |    |    |    |     |     |     |  |  |               |  |  |  |       |        |    |    |    |    |   |   |      |  |  |               |  |  |  |       |        |    |    |    |    |     |     |      |  |  |               |  |  |  |        |        |    |    |    |    |   |     |      |  |  |               |  |  |  |     |        |    |    |    |    |   |     |      |  |  |               |  |  |  |      |        |    |    |    |    |   |     |     |  |  |               |  |  |  |     |        |    |     |    |    |    |   |     |  |  |               |  |  |  |  |  |  |  |  |
| ø d <sub>1</sub><br>inch                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | inch   | P<br>Gg/1" (tpi) | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | ø d <sub>2</sub> | □   |      |  |                                                                  |                          |                                                                      |  |  |  |  |  |  |  |  |                          |  |  |  |                          |      |                  |                |                |                |                  |   |  |  |       |        |    |    |    |    |     |     |     |  |  |               |  |  |  |       |        |    |    |    |    |   |   |      |  |  |               |  |  |  |       |        |    |    |    |    |     |     |      |  |  |               |  |  |  |        |        |    |    |    |    |   |     |      |  |  |               |  |  |  |     |        |    |    |    |    |   |     |      |  |  |               |  |  |  |      |        |    |    |    |    |   |     |     |  |  |               |  |  |  |     |        |    |     |    |    |    |   |     |  |  |               |  |  |  |  |  |  |  |  |
| Nr. 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0.1120 | 40               | 56             | 11             | 18             | 3,5              | 2,7 | 2,3  |  |                                                                  | B0503G10.5479            |                                                                      |  |  |  |  |  |  |  |  |                          |  |  |  |                          |      |                  |                |                |                |                  |   |  |  |       |        |    |    |    |    |     |     |     |  |  |               |  |  |  |       |        |    |    |    |    |   |   |      |  |  |               |  |  |  |       |        |    |    |    |    |     |     |      |  |  |               |  |  |  |        |        |    |    |    |    |   |     |      |  |  |               |  |  |  |     |        |    |    |    |    |   |     |      |  |  |               |  |  |  |      |        |    |    |    |    |   |     |     |  |  |               |  |  |  |     |        |    |     |    |    |    |   |     |  |  |               |  |  |  |  |  |  |  |  |
| Nr. 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0.1380 | 32               | 56             | 12             | 20             | 4                | 3   | 2,85 |  |                                                                  | B0503G10.5481            |                                                                      |  |  |  |  |  |  |  |  |                          |  |  |  |                          |      |                  |                |                |                |                  |   |  |  |       |        |    |    |    |    |     |     |     |  |  |               |  |  |  |       |        |    |    |    |    |   |   |      |  |  |               |  |  |  |       |        |    |    |    |    |     |     |      |  |  |               |  |  |  |        |        |    |    |    |    |   |     |      |  |  |               |  |  |  |     |        |    |    |    |    |   |     |      |  |  |               |  |  |  |      |        |    |    |    |    |   |     |     |  |  |               |  |  |  |     |        |    |     |    |    |    |   |     |  |  |               |  |  |  |  |  |  |  |  |
| Nr. 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0.1640 | 32               | 63             | 13             | 21             | 4,5              | 3,4 | 3,5  |  |                                                                  | B0503G10.5482            |                                                                      |  |  |  |  |  |  |  |  |                          |  |  |  |                          |      |                  |                |                |                |                  |   |  |  |       |        |    |    |    |    |     |     |     |  |  |               |  |  |  |       |        |    |    |    |    |   |   |      |  |  |               |  |  |  |       |        |    |    |    |    |     |     |      |  |  |               |  |  |  |        |        |    |    |    |    |   |     |      |  |  |               |  |  |  |     |        |    |    |    |    |   |     |      |  |  |               |  |  |  |      |        |    |    |    |    |   |     |     |  |  |               |  |  |  |     |        |    |     |    |    |    |   |     |  |  |               |  |  |  |  |  |  |  |  |
| Nr. 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.1900 | 24               | 70             | 15             | 25             | 6                | 4,9 | 3,9  |  |                                                                  | B0503G10.5483            |                                                                      |  |  |  |  |  |  |  |  |                          |  |  |  |                          |      |                  |                |                |                |                  |   |  |  |       |        |    |    |    |    |     |     |     |  |  |               |  |  |  |       |        |    |    |    |    |   |   |      |  |  |               |  |  |  |       |        |    |    |    |    |     |     |      |  |  |               |  |  |  |        |        |    |    |    |    |   |     |      |  |  |               |  |  |  |     |        |    |    |    |    |   |     |      |  |  |               |  |  |  |      |        |    |    |    |    |   |     |     |  |  |               |  |  |  |     |        |    |     |    |    |    |   |     |  |  |               |  |  |  |  |  |  |  |  |
| 1/4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.2500 | 20               | 80             | 17             | 30             | 7                | 5,5 | 5,25 |  |                                                                  | B0503G10.5485            |                                                                      |  |  |  |  |  |  |  |  |                          |  |  |  |                          |      |                  |                |                |                |                  |   |  |  |       |        |    |    |    |    |     |     |     |  |  |               |  |  |  |       |        |    |    |    |    |   |   |      |  |  |               |  |  |  |       |        |    |    |    |    |     |     |      |  |  |               |  |  |  |        |        |    |    |    |    |   |     |      |  |  |               |  |  |  |     |        |    |    |    |    |   |     |      |  |  |               |  |  |  |      |        |    |    |    |    |   |     |     |  |  |               |  |  |  |     |        |    |     |    |    |    |   |     |  |  |               |  |  |  |  |  |  |  |  |
| 5/16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0.3125 | 18               | 90             | 20             | 35             | 8                | 6,2 | 6,7  |  |                                                                  | B0503G10.5486            |                                                                      |  |  |  |  |  |  |  |  |                          |  |  |  |                          |      |                  |                |                |                |                  |   |  |  |       |        |    |    |    |    |     |     |     |  |  |               |  |  |  |       |        |    |    |    |    |   |   |      |  |  |               |  |  |  |       |        |    |    |    |    |     |     |      |  |  |               |  |  |  |        |        |    |    |    |    |   |     |      |  |  |               |  |  |  |     |        |    |    |    |    |   |     |      |  |  |               |  |  |  |      |        |    |    |    |    |   |     |     |  |  |               |  |  |  |     |        |    |     |    |    |    |   |     |  |  |               |  |  |  |  |  |  |  |  |
| 3/8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.3750 | 16               | 100            | 22             | 39             | 10               | 8   | 8,1  |  |                                                                  | B0503G10.5487            |                                                                      |  |  |  |  |  |  |  |  |                          |  |  |  |                          |      |                  |                |                |                |                  |   |  |  |       |        |    |    |    |    |     |     |     |  |  |               |  |  |  |       |        |    |    |    |    |   |   |      |  |  |               |  |  |  |       |        |    |    |    |    |     |     |      |  |  |               |  |  |  |        |        |    |    |    |    |   |     |      |  |  |               |  |  |  |     |        |    |    |    |    |   |     |      |  |  |               |  |  |  |      |        |    |    |    |    |   |     |     |  |  |               |  |  |  |     |        |    |     |    |    |    |   |     |  |  |               |  |  |  |  |  |  |  |  |
| <div><div>UNJF</div><div>ASME B1.1 1)</div><div></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |                  |                |                |                |                  |     |      |  | <div>≈ DIN 371</div>                                             |                          | <div>AL<br/>アルミニウム合金展伸材</div> <div></div>                            |  |  |  |  |  |  |  |  |                          |  |  |  |                          |      |                  |                |                |                |                  |   |  |  |       |        |    |    |    |    |     |     |     |  |  |               |  |  |  |       |        |    |    |    |    |   |   |      |  |  |               |  |  |  |       |        |    |    |    |    |     |     |      |  |  |               |  |  |  |        |        |    |    |    |    |   |     |      |  |  |               |  |  |  |     |        |    |    |    |    |   |     |      |  |  |               |  |  |  |      |        |    |    |    |    |   |     |     |  |  |               |  |  |  |     |        |    |     |    |    |    |   |     |  |  |               |  |  |  |  |  |  |  |  |
| <table><tr><th>ねじ径</th><th colspan="2">山数</th><th colspan="5"></th><th colspan="2"></th><th rowspan="2"></th><th rowspan="2">Enorm<br/>1-AL<br/>GLT-104</th><th rowspan="2"></th><th rowspan="2"></th><th rowspan="2"></th></tr><tr><th>ø d<sub>1</sub><br/>inch</th><th>inch</th><th>P<br/>Gg/1" (tpi)</th><th>l<sub>1</sub></th><th>l<sub>2</sub></th><th>l<sub>3</sub></th><th>ø d<sub>2</sub></th><th>□</th><th></th><th></th></tr><tr><td>Nr. 4</td><td>0.1120</td><td>48</td><td>56</td><td>11</td><td>18</td><td>3,5</td><td>2,7</td><td>2,4</td><td></td><td></td><td>B0503G10.5505</td><td></td><td></td><td></td></tr><tr><td>Nr. 6</td><td>0.1380</td><td>40</td><td>56</td><td>12</td><td>20</td><td>4</td><td>3</td><td>3</td><td></td><td></td><td>B0503G10.5507</td><td></td><td></td><td></td></tr><tr><td>Nr. 8</td><td>0.1640</td><td>36</td><td>63</td><td>13</td><td>21</td><td>4,5</td><td>3,4</td><td>3,55</td><td></td><td></td><td>B0503G10.5508</td><td></td><td></td><td></td></tr><tr><td>Nr. 10</td><td>0.1900</td><td>32</td><td>70</td><td>15</td><td>25</td><td>6</td><td>4,9</td><td>4,15</td><td></td><td></td><td>B0503G10.5509</td><td></td><td></td><td></td></tr><tr><td>1/4</td><td>0.2500</td><td>28</td><td>80</td><td>17</td><td>30</td><td>7</td><td>5,5</td><td>5,55</td><td></td><td></td><td>B0503G10.5511</td><td></td><td></td><td></td></tr><tr><td>5/16</td><td>0.3125</td><td>24</td><td>90</td><td>17</td><td>35</td><td>8</td><td>6,2</td><td>7</td><td></td><td></td><td>B0503G10.5512</td><td></td><td></td><td></td></tr><tr><td>3/8</td><td>0.3750</td><td>24</td><td>90</td><td>18</td><td>35</td><td>10</td><td>8</td><td>8,6</td><td></td><td></td><td>B0503G10.5513</td><td></td><td></td><td></td></tr></table>     |        |                  |                |                |                |                  |     |      |  | ねじ径                                                              | 山数                       |                                                                      |  |  |  |  |  |  |  |  | Enorm<br>1-AL<br>GLT-104 |  |  |  | ø d <sub>1</sub><br>inch | inch | P<br>Gg/1" (tpi) | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | ø d <sub>2</sub> | □ |  |  | Nr. 4 | 0.1120 | 48 | 56 | 11 | 18 | 3,5 | 2,7 | 2,4 |  |  | B0503G10.5505 |  |  |  | Nr. 6 | 0.1380 | 40 | 56 | 12 | 20 | 4 | 3 | 3    |  |  | B0503G10.5507 |  |  |  | Nr. 8 | 0.1640 | 36 | 63 | 13 | 21 | 4,5 | 3,4 | 3,55 |  |  | B0503G10.5508 |  |  |  | Nr. 10 | 0.1900 | 32 | 70 | 15 | 25 | 6 | 4,9 | 4,15 |  |  | B0503G10.5509 |  |  |  | 1/4 | 0.2500 | 28 | 80 | 17 | 30 | 7 | 5,5 | 5,55 |  |  | B0503G10.5511 |  |  |  | 5/16 | 0.3125 | 24 | 90 | 17 | 35 | 8 | 6,2 | 7   |  |  | B0503G10.5512 |  |  |  | 3/8 | 0.3750 | 24 | 90  | 18 | 35 | 10 | 8 | 8,6 |  |  | B0503G10.5513 |  |  |  |  |  |  |  |  |
| ねじ径                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 山数     |                  |                |                |                |                  |     |      |  |                                                                  | Enorm<br>1-AL<br>GLT-104 |                                                                      |  |  |  |  |  |  |  |  |                          |  |  |  |                          |      |                  |                |                |                |                  |   |  |  |       |        |    |    |    |    |     |     |     |  |  |               |  |  |  |       |        |    |    |    |    |   |   |      |  |  |               |  |  |  |       |        |    |    |    |    |     |     |      |  |  |               |  |  |  |        |        |    |    |    |    |   |     |      |  |  |               |  |  |  |     |        |    |    |    |    |   |     |      |  |  |               |  |  |  |      |        |    |    |    |    |   |     |     |  |  |               |  |  |  |     |        |    |     |    |    |    |   |     |  |  |               |  |  |  |  |  |  |  |  |
| ø d <sub>1</sub><br>inch                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | inch   | P<br>Gg/1" (tpi) | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | ø d <sub>2</sub> | □   |      |  |                                                                  |                          |                                                                      |  |  |  |  |  |  |  |  |                          |  |  |  |                          |      |                  |                |                |                |                  |   |  |  |       |        |    |    |    |    |     |     |     |  |  |               |  |  |  |       |        |    |    |    |    |   |   |      |  |  |               |  |  |  |       |        |    |    |    |    |     |     |      |  |  |               |  |  |  |        |        |    |    |    |    |   |     |      |  |  |               |  |  |  |     |        |    |    |    |    |   |     |      |  |  |               |  |  |  |      |        |    |    |    |    |   |     |     |  |  |               |  |  |  |     |        |    |     |    |    |    |   |     |  |  |               |  |  |  |  |  |  |  |  |
| Nr. 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0.1120 | 48               | 56             | 11             | 18             | 3,5              | 2,7 | 2,4  |  |                                                                  | B0503G10.5505            |                                                                      |  |  |  |  |  |  |  |  |                          |  |  |  |                          |      |                  |                |                |                |                  |   |  |  |       |        |    |    |    |    |     |     |     |  |  |               |  |  |  |       |        |    |    |    |    |   |   |      |  |  |               |  |  |  |       |        |    |    |    |    |     |     |      |  |  |               |  |  |  |        |        |    |    |    |    |   |     |      |  |  |               |  |  |  |     |        |    |    |    |    |   |     |      |  |  |               |  |  |  |      |        |    |    |    |    |   |     |     |  |  |               |  |  |  |     |        |    |     |    |    |    |   |     |  |  |               |  |  |  |  |  |  |  |  |
| Nr. 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0.1380 | 40               | 56             | 12             | 20             | 4                | 3   | 3    |  |                                                                  | B0503G10.5507            |                                                                      |  |  |  |  |  |  |  |  |                          |  |  |  |                          |      |                  |                |                |                |                  |   |  |  |       |        |    |    |    |    |     |     |     |  |  |               |  |  |  |       |        |    |    |    |    |   |   |      |  |  |               |  |  |  |       |        |    |    |    |    |     |     |      |  |  |               |  |  |  |        |        |    |    |    |    |   |     |      |  |  |               |  |  |  |     |        |    |    |    |    |   |     |      |  |  |               |  |  |  |      |        |    |    |    |    |   |     |     |  |  |               |  |  |  |     |        |    |     |    |    |    |   |     |  |  |               |  |  |  |  |  |  |  |  |
| Nr. 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0.1640 | 36               | 63             | 13             | 21             | 4,5              | 3,4 | 3,55 |  |                                                                  | B0503G10.5508            |                                                                      |  |  |  |  |  |  |  |  |                          |  |  |  |                          |      |                  |                |                |                |                  |   |  |  |       |        |    |    |    |    |     |     |     |  |  |               |  |  |  |       |        |    |    |    |    |   |   |      |  |  |               |  |  |  |       |        |    |    |    |    |     |     |      |  |  |               |  |  |  |        |        |    |    |    |    |   |     |      |  |  |               |  |  |  |     |        |    |    |    |    |   |     |      |  |  |               |  |  |  |      |        |    |    |    |    |   |     |     |  |  |               |  |  |  |     |        |    |     |    |    |    |   |     |  |  |               |  |  |  |  |  |  |  |  |
| Nr. 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0.1900 | 32               | 70             | 15             | 25             | 6                | 4,9 | 4,15 |  |                                                                  | B0503G10.5509            |                                                                      |  |  |  |  |  |  |  |  |                          |  |  |  |                          |      |                  |                |                |                |                  |   |  |  |       |        |    |    |    |    |     |     |     |  |  |               |  |  |  |       |        |    |    |    |    |   |   |      |  |  |               |  |  |  |       |        |    |    |    |    |     |     |      |  |  |               |  |  |  |        |        |    |    |    |    |   |     |      |  |  |               |  |  |  |     |        |    |    |    |    |   |     |      |  |  |               |  |  |  |      |        |    |    |    |    |   |     |     |  |  |               |  |  |  |     |        |    |     |    |    |    |   |     |  |  |               |  |  |  |  |  |  |  |  |
| 1/4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.2500 | 28               | 80             | 17             | 30             | 7                | 5,5 | 5,55 |  |                                                                  | B0503G10.5511            |                                                                      |  |  |  |  |  |  |  |  |                          |  |  |  |                          |      |                  |                |                |                |                  |   |  |  |       |        |    |    |    |    |     |     |     |  |  |               |  |  |  |       |        |    |    |    |    |   |   |      |  |  |               |  |  |  |       |        |    |    |    |    |     |     |      |  |  |               |  |  |  |        |        |    |    |    |    |   |     |      |  |  |               |  |  |  |     |        |    |    |    |    |   |     |      |  |  |               |  |  |  |      |        |    |    |    |    |   |     |     |  |  |               |  |  |  |     |        |    |     |    |    |    |   |     |  |  |               |  |  |  |  |  |  |  |  |
| 5/16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0.3125 | 24               | 90             | 17             | 35             | 8                | 6,2 | 7    |  |                                                                  | B0503G10.5512            |                                                                      |  |  |  |  |  |  |  |  |                          |  |  |  |                          |      |                  |                |                |                |                  |   |  |  |       |        |    |    |    |    |     |     |     |  |  |               |  |  |  |       |        |    |    |    |    |   |   |      |  |  |               |  |  |  |       |        |    |    |    |    |     |     |      |  |  |               |  |  |  |        |        |    |    |    |    |   |     |      |  |  |               |  |  |  |     |        |    |    |    |    |   |     |      |  |  |               |  |  |  |      |        |    |    |    |    |   |     |     |  |  |               |  |  |  |     |        |    |     |    |    |    |   |     |  |  |               |  |  |  |  |  |  |  |  |
| 3/8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.3750 | 24               | 90             | 18             | 35             | 10               | 8   | 8,6  |  |                                                                  | B0503G10.5513            |                                                                      |  |  |  |  |  |  |  |  |                          |  |  |  |                          |      |                  |                |                |                |                  |   |  |  |       |        |    |    |    |    |     |     |     |  |  |               |  |  |  |       |        |    |    |    |    |   |   |      |  |  |               |  |  |  |       |        |    |    |    |    |     |     |      |  |  |               |  |  |  |        |        |    |    |    |    |   |     |      |  |  |               |  |  |  |     |        |    |    |    |    |   |     |      |  |  |               |  |  |  |      |        |    |    |    |    |   |     |     |  |  |               |  |  |  |     |        |    |     |    |    |    |   |     |  |  |               |  |  |  |  |  |  |  |  |

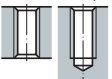
1) 旧ASME B1.15  
formerly ASME B1.15

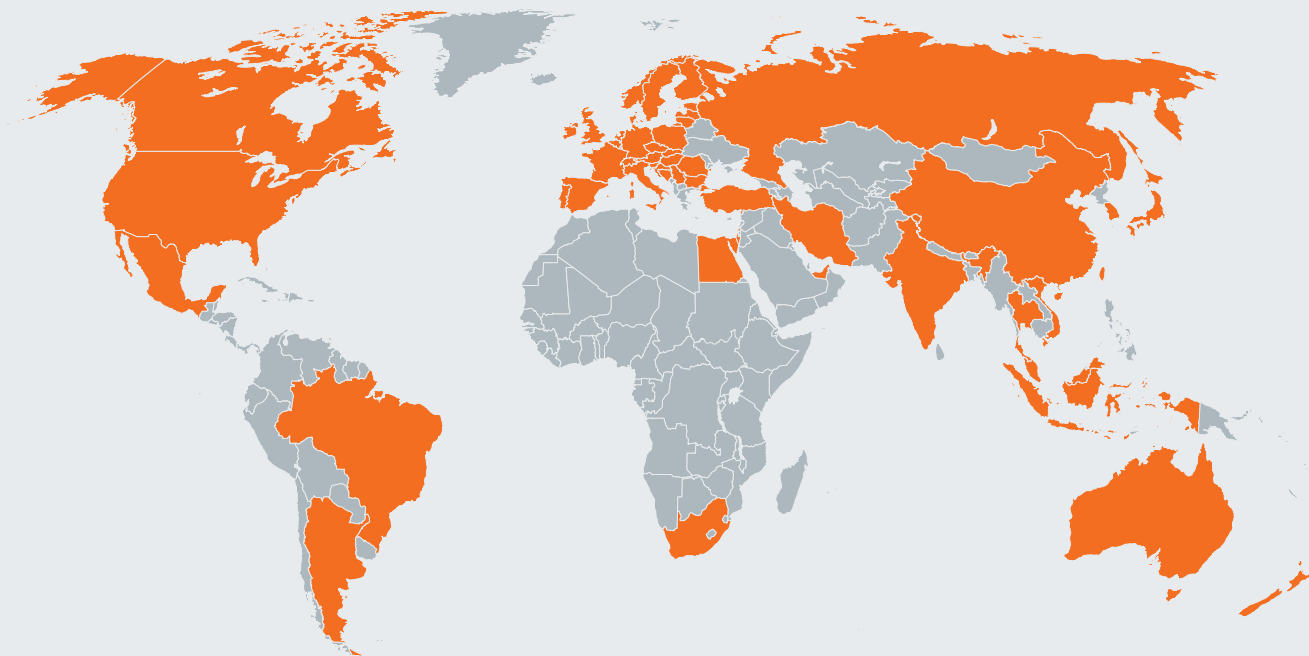
| <div>EG M (STI)</div> <div>DIN 8140-2</div> <div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                               |         |                |                |                |                  |     |     |      | <div>AL</div> <div>アルミニウム合金展伸材</div> <div></div> <div></div> <div>new</div> |                               |                | <div>AL</div> <div>アルミニウム合金展伸材</div> <div></div> <div></div> <div>new</div> |                |                | <div>AL</div> <div>アルミニウム合金展伸材</div> <div></div> <div></div> <div>new</div> |   |  |      |     |       |      |    |    |    |     |     |      |  |   |       |     |    |    |    |     |     |      |  |   |       |     |    |    |    |   |     |     |  |   |       |     |    |    |    |   |     |      |  |   |       |   |    |    |    |   |     |     |  |   |       |      |     |    |    |    |   |     |              |                      |                    |  |  |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------|----------------|----------------|----------------|------------------|-----|-----|------|-----------------------------------------------------------------------------|-------------------------------|----------------|-----------------------------------------------------------------------------|----------------|----------------|-----------------------------------------------------------------------------|---|--|------|-----|-------|------|----|----|----|-----|-----|------|--|---|-------|-----|----|----|----|-----|-----|------|--|---|-------|-----|----|----|----|---|-----|-----|--|---|-------|-----|----|----|----|---|-----|------|--|---|-------|---|----|----|----|---|-----|-----|--|---|-------|------|-----|----|----|----|---|-----|--------------|----------------------|--------------------|--|--|--|--|--|
| <div>技術情報</div> <div>Technical information</div> <div>公差・Tolerance</div> <div>コーティング・Coating</div> <div>母材・Cutting material</div> <div>食付き山数・</div> <div>切削油・</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                               |         |                |                |                |                  |     |     |      | 6H mod.                                                                     | 6H mod.                       | 6H mod.        |                                                                             |                |                |                                                                             |   |  |      |     |       |      |    |    |    |     |     |      |  |   |       |     |    |    |    |     |     |      |  |   |       |     |    |    |    |   |     |     |  |   |       |     |    |    |    |   |     |      |  |   |       |   |    |    |    |   |     |     |  |   |       |      |     |    |    |    |   |     |              |                      |                    |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                               |         |                |                |                |                  |     |     |      | HSSE                                                                        | GLT-104                       | GLT-104        |                                                                             |                |                |                                                                             |   |  |      |     |       |      |    |    |    |     |     |      |  |   |       |     |    |    |    |     |     |      |  |   |       |     |    |    |    |   |     |     |  |   |       |     |    |    |    |   |     |      |  |   |       |   |    |    |    |   |     |     |  |   |       |      |     |    |    |    |   |     |              |                      |                    |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                               |         |                |                |                |                  |     |     |      | B / ≈3                                                                      | B / ≈3                        | HSSE           |                                                                             |                |                |                                                                             |   |  |      |     |       |      |    |    |    |     |     |      |  |   |       |     |    |    |    |     |     |      |  |   |       |     |    |    |    |   |     |     |  |   |       |     |    |    |    |   |     |      |  |   |       |   |    |    |    |   |     |     |  |   |       |      |     |    |    |    |   |     |              |                      |                    |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                               |         |                |                |                |                  |     |     |      | E / 0                                                                       | E / 0                         | R45            |                                                                             |                |                |                                                                             |   |  |      |     |       |      |    |    |    |     |     |      |  |   |       |     |    |    |    |     |     |      |  |   |       |     |    |    |    |   |     |     |  |   |       |     |    |    |    |   |     |      |  |   |       |   |    |    |    |   |     |     |  |   |       |      |     |    |    |    |   |     |              |                      |                    |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                               |         |                |                |                |                  |     |     |      | C / 2-3                                                                     | C / 2-3                       | GLT-104        |                                                                             |                |                |                                                                             |   |  |      |     |       |      |    |    |    |     |     |      |  |   |       |     |    |    |    |     |     |      |  |   |       |     |    |    |    |   |     |     |  |   |       |     |    |    |    |   |     |      |  |   |       |   |    |    |    |   |     |     |  |   |       |      |     |    |    |    |   |     |              |                      |                    |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                               |         |                |                |                |                  |     |     |      | E / 0                                                                       | E / 0                         | R45            |                                                                             |                |                |                                                                             |   |  |      |     |       |      |    |    |    |     |     |      |  |   |       |     |    |    |    |     |     |      |  |   |       |     |    |    |    |   |     |     |  |   |       |     |    |    |    |   |     |      |  |   |       |   |    |    |    |   |     |     |  |   |       |      |     |    |    |    |   |     |              |                      |                    |  |  |  |  |  |
| <div>ねじ深さと穴形状</div> <div>Thread depth and hole type</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                               |         |                |                |                |                  |     |     |      | max. 3 x d <sub>1</sub>                                                     |                               |                | max. 2,5 x d <sub>1</sub>                                                   |                |                |                                                                             |   |  |      |     |       |      |    |    |    |     |     |      |  |   |       |     |    |    |    |     |     |      |  |   |       |     |    |    |    |   |     |     |  |   |       |     |    |    |    |   |     |      |  |   |       |   |    |    |    |   |     |     |  |   |       |      |     |    |    |    |   |     |              |                      |                    |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                               |         |                |                |                |                  |     |     |      |                                                                             |                               |                |                                                                             |                |                |                                                                             |   |  |      |     |       |      |    |    |    |     |     |      |  |   |       |     |    |    |    |     |     |      |  |   |       |     |    |    |    |   |     |     |  |   |       |     |    |    |    |   |     |      |  |   |       |   |    |    |    |   |     |     |  |   |       |      |     |    |    |    |   |     |              |                      |                    |  |  |  |  |  |
| <div>アプリケーション – 被削材</div> <div>Applications – material</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                               |         |                |                |                |                  |     |     |      | N 1.4                                                                       | N 1.1-1.4, 2.1                | N 1.1-1.4, 2.1 |                                                                             |                |                |                                                                             |   |  |      |     |       |      |    |    |    |     |     |      |  |   |       |     |    |    |    |     |     |      |  |   |       |     |    |    |    |   |     |     |  |   |       |     |    |    |    |   |     |      |  |   |       |   |    |    |    |   |     |     |  |   |       |      |     |    |    |    |   |     |              |                      |                    |  |  |  |  |  |
| <table><tr><th>呼び径<br/>Nom. size<br/>ø d<sub>1</sub></th><th>ピッチ<br/>ø d<sub>1</sub><br/>mm</th><th>P<br/>mm</th><th>l<sub>1</sub></th><th>l<sub>2</sub></th><th>l<sub>3</sub></th><th>ø d<sub>2</sub></th><th>□</th><th></th></tr><tr><td>EG M</td><td>2,5</td><td>3,085</td><td>0,45</td><td>56</td><td>11</td><td>18</td><td>3,5</td><td>2,7</td><td>2,65</td></tr><tr><td></td><td>3</td><td>3,650</td><td>0,5</td><td>63</td><td>10</td><td>21</td><td>4,5</td><td>3,4</td><td>3,15</td></tr><tr><td></td><td>4</td><td>4,910</td><td>0,7</td><td>70</td><td>12</td><td>25</td><td>6</td><td>4,9</td><td>4,2</td></tr><tr><td></td><td>5</td><td>6,040</td><td>0,8</td><td>80</td><td>13</td><td>30</td><td>6</td><td>4,9</td><td>5,25</td></tr><tr><td></td><td>6</td><td>7,300</td><td>1</td><td>90</td><td>17</td><td>35</td><td>8</td><td>6,2</td><td>6,3</td></tr><tr><td></td><td>8</td><td>9,624</td><td>1,25</td><td>100</td><td>18</td><td>39</td><td>10</td><td>8</td><td>8,4</td></tr></table> |                               |         |                |                |                |                  |     |     |      | 呼び径<br>Nom. size<br>ø d <sub>1</sub>                                        | ピッチ<br>ø d <sub>1</sub><br>mm | P<br>mm        | l <sub>1</sub>                                                              | l <sub>2</sub> | l <sub>3</sub> | ø d <sub>2</sub>                                                            | □ |  | EG M | 2,5 | 3,085 | 0,45 | 56 | 11 | 18 | 3,5 | 2,7 | 2,65 |  | 3 | 3,650 | 0,5 | 63 | 10 | 21 | 4,5 | 3,4 | 3,15 |  | 4 | 4,910 | 0,7 | 70 | 12 | 25 | 6 | 4,9 | 4,2 |  | 5 | 6,040 | 0,8 | 80 | 13 | 30 | 6 | 4,9 | 5,25 |  | 6 | 7,300 | 1 | 90 | 17 | 35 | 8 | 6,2 | 6,3 |  | 8 | 9,624 | 1,25 | 100 | 18 | 39 | 10 | 8 | 8,4 | Rekord 1B-AL | Rekord 1B-AL GLT-104 | Enorm 1-AL GLT-104 |  |  |  |  |  |
| 呼び径<br>Nom. size<br>ø d <sub>1</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ピッチ<br>ø d <sub>1</sub><br>mm | P<br>mm | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | ø d <sub>2</sub> | □   |     |      |                                                                             |                               |                |                                                                             |                |                |                                                                             |   |  |      |     |       |      |    |    |    |     |     |      |  |   |       |     |    |    |    |     |     |      |  |   |       |     |    |    |    |   |     |     |  |   |       |     |    |    |    |   |     |      |  |   |       |   |    |    |    |   |     |     |  |   |       |      |     |    |    |    |   |     |              |                      |                    |  |  |  |  |  |
| EG M                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2,5                           | 3,085   | 0,45           | 56             | 11             | 18               | 3,5 | 2,7 | 2,65 |                                                                             |                               |                |                                                                             |                |                |                                                                             |   |  |      |     |       |      |    |    |    |     |     |      |  |   |       |     |    |    |    |     |     |      |  |   |       |     |    |    |    |   |     |     |  |   |       |     |    |    |    |   |     |      |  |   |       |   |    |    |    |   |     |     |  |   |       |      |     |    |    |    |   |     |              |                      |                    |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 3                             | 3,650   | 0,5            | 63             | 10             | 21               | 4,5 | 3,4 | 3,15 |                                                                             |                               |                |                                                                             |                |                |                                                                             |   |  |      |     |       |      |    |    |    |     |     |      |  |   |       |     |    |    |    |     |     |      |  |   |       |     |    |    |    |   |     |     |  |   |       |     |    |    |    |   |     |      |  |   |       |   |    |    |    |   |     |     |  |   |       |      |     |    |    |    |   |     |              |                      |                    |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4                             | 4,910   | 0,7            | 70             | 12             | 25               | 6   | 4,9 | 4,2  |                                                                             |                               |                |                                                                             |                |                |                                                                             |   |  |      |     |       |      |    |    |    |     |     |      |  |   |       |     |    |    |    |     |     |      |  |   |       |     |    |    |    |   |     |     |  |   |       |     |    |    |    |   |     |      |  |   |       |   |    |    |    |   |     |     |  |   |       |      |     |    |    |    |   |     |              |                      |                    |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 5                             | 6,040   | 0,8            | 80             | 13             | 30               | 6   | 4,9 | 5,25 |                                                                             |                               |                |                                                                             |                |                |                                                                             |   |  |      |     |       |      |    |    |    |     |     |      |  |   |       |     |    |    |    |     |     |      |  |   |       |     |    |    |    |   |     |     |  |   |       |     |    |    |    |   |     |      |  |   |       |   |    |    |    |   |     |     |  |   |       |      |     |    |    |    |   |     |              |                      |                    |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 6                             | 7,300   | 1              | 90             | 17             | 35               | 8   | 6,2 | 6,3  |                                                                             |                               |                |                                                                             |                |                |                                                                             |   |  |      |     |       |      |    |    |    |     |     |      |  |   |       |     |    |    |    |     |     |      |  |   |       |     |    |    |    |   |     |     |  |   |       |     |    |    |    |   |     |      |  |   |       |   |    |    |    |   |     |     |  |   |       |      |     |    |    |    |   |     |              |                      |                    |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 8                             | 9,624   | 1,25           | 100            | 18             | 39               | 10  | 8   | 8,4  |                                                                             |                               |                |                                                                             |                |                |                                                                             |   |  |      |     |       |      |    |    |    |     |     |      |  |   |       |     |    |    |    |     |     |      |  |   |       |     |    |    |    |   |     |     |  |   |       |     |    |    |    |   |     |      |  |   |       |   |    |    |    |   |     |     |  |   |       |      |     |    |    |    |   |     |              |                      |                    |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                               |         |                |                |                |                  |     |     |      | B0204500.0965                                                               | B0203G00.0965                 | B0503G00.0965  |                                                                             |                |                |                                                                             |   |  |      |     |       |      |    |    |    |     |     |      |  |   |       |     |    |    |    |     |     |      |  |   |       |     |    |    |    |   |     |     |  |   |       |     |    |    |    |   |     |      |  |   |       |   |    |    |    |   |     |     |  |   |       |      |     |    |    |    |   |     |              |                      |                    |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                               |         |                |                |                |                  |     |     |      | B0204500.0966                                                               | B0203G00.0966                 | B0503G00.0966  |                                                                             |                |                |                                                                             |   |  |      |     |       |      |    |    |    |     |     |      |  |   |       |     |    |    |    |     |     |      |  |   |       |     |    |    |    |   |     |     |  |   |       |     |    |    |    |   |     |      |  |   |       |   |    |    |    |   |     |     |  |   |       |      |     |    |    |    |   |     |              |                      |                    |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                               |         |                |                |                |                  |     |     |      | B0204500.0968                                                               | B0203G00.0968                 | B0503G00.0968  |                                                                             |                |                |                                                                             |   |  |      |     |       |      |    |    |    |     |     |      |  |   |       |     |    |    |    |     |     |      |  |   |       |     |    |    |    |   |     |     |  |   |       |     |    |    |    |   |     |      |  |   |       |   |    |    |    |   |     |     |  |   |       |      |     |    |    |    |   |     |              |                      |                    |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                               |         |                |                |                |                  |     |     |      | B0204500.0970                                                               | B0203G00.0970                 | B0503G00.0970  |                                                                             |                |                |                                                                             |   |  |      |     |       |      |    |    |    |     |     |      |  |   |       |     |    |    |    |     |     |      |  |   |       |     |    |    |    |   |     |     |  |   |       |     |    |    |    |   |     |      |  |   |       |   |    |    |    |   |     |     |  |   |       |      |     |    |    |    |   |     |              |                      |                    |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                               |         |                |                |                |                  |     |     |      | B0204500.0971                                                               | B0203G00.0971                 | B0503G00.0971  |                                                                             |                |                |                                                                             |   |  |      |     |       |      |    |    |    |     |     |      |  |   |       |     |    |    |    |     |     |      |  |   |       |     |    |    |    |   |     |     |  |   |       |     |    |    |    |   |     |      |  |   |       |   |    |    |    |   |     |     |  |   |       |      |     |    |    |    |   |     |              |                      |                    |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                               |         |                |                |                |                  |     |     |      | B0204500.0973                                                               | B0203G00.0973                 | B0503G00.0973  |                                                                             |                |                |                                                                             |   |  |      |     |       |      |    |    |    |     |     |      |  |   |       |     |    |    |    |     |     |      |  |   |       |     |    |    |    |   |     |     |  |   |       |     |    |    |    |   |     |      |  |   |       |   |    |    |    |   |     |     |  |   |       |      |     |    |    |    |   |     |              |                      |                    |  |  |  |  |  |

| <div>EG UNC (STI)</div> <div>ASME B18.29.1</div> <div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        |                |                |                |                  |    |     |     |     | <div>AL</div> <div>アルミニウム合金展伸材</div> <div></div> <div></div> <div>new</div> |                        |                |                |                |                  |   |  |    |       |       |    |    |    |    |     |     |     |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |     |    |    |    |   |     |                    |  |  |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------|----------------|----------------|------------------|----|-----|-----|-----|-----------------------------------------------------------------------------|------------------------|----------------|----------------|----------------|------------------|---|--|----|-------|-------|----|----|----|----|-----|-----|-----|--|-------|-------|----|----|----|----|---|-----|-----|--|-------|-------|----|----|----|----|---|-----|-----|--|--------|-------|----|----|----|----|---|-----|-----|--|-----|-------|----|----|----|----|---|-----|-----|--|------|-------|----|-----|----|----|----|---|-----|--------------------|--|--|--|--|--|--|
| <div>技術情報</div> <div>Technical information</div> <div>公差・Tolerance</div> <div>コーティング・Coating</div> <div>母材・Cutting material</div> <div>食付き山数 </div> <div>切削油 </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                        |                |                |                |                  |    |     |     |     | 2B                                                                          | GLT-104                | HSSE           |                |                |                  |   |  |    |       |       |    |    |    |    |     |     |     |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |     |    |    |    |   |     |                    |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                        |                |                |                |                  |    |     |     |     | R45                                                                         |                        |                |                |                |                  |   |  |    |       |       |    |    |    |    |     |     |     |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |     |    |    |    |   |     |                    |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                        |                |                |                |                  |    |     |     |     | C / 2-3                                                                     | C / 2-3                |                |                |                |                  |   |  |    |       |       |    |    |    |    |     |     |     |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |     |    |    |    |   |     |                    |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                        |                |                |                |                  |    |     |     |     | E / 0                                                                       | E / 0                  |                |                |                |                  |   |  |    |       |       |    |    |    |    |     |     |     |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |     |    |    |    |   |     |                    |  |  |  |  |  |  |
| <div>ねじ深さと穴形状</div> <div>Thread depth and hole type</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                        |                |                |                |                  |    |     |     |     | max. 2,5 x d <sub>1</sub>                                                   |                        |                |                |                |                  |   |  |    |       |       |    |    |    |    |     |     |     |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |     |    |    |    |   |     |                    |  |  |  |  |  |  |
| <div>アプリケーション – 被削材</div> <div>Applications – material</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                        |                |                |                |                  |    |     |     |     | N 1.1-1.4, 2.1                                                              |                        |                |                |                |                  |   |  |    |       |       |    |    |    |    |     |     |     |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |     |    |    |    |   |     |                    |  |  |  |  |  |  |
| <table><tr><th>呼び径<br/>Nom. size<br/>ø d<sub>1</sub></th><th>山数<br/>P<br/>Gg/1" (tpi)</th><th>l<sub>1</sub></th><th>l<sub>2</sub></th><th>l<sub>3</sub></th><th>ø d<sub>2</sub></th><th>□</th><th></th></tr><tr><td>EG</td><td>Nr. 4</td><td>3,671</td><td>40</td><td>63</td><td>13</td><td>21</td><td>4,5</td><td>3,4</td><td>3,1</td></tr><tr><td></td><td>Nr. 6</td><td>4,536</td><td>32</td><td>70</td><td>14</td><td>25</td><td>6</td><td>4,9</td><td>3,8</td></tr><tr><td></td><td>Nr. 8</td><td>5,197</td><td>32</td><td>80</td><td>16</td><td>30</td><td>6</td><td>4,9</td><td>4,4</td></tr><tr><td></td><td>Nr. 10</td><td>6,200</td><td>24</td><td>80</td><td>17</td><td>30</td><td>7</td><td>5,5</td><td>5,2</td></tr><tr><td></td><td>1/4</td><td>8,002</td><td>20</td><td>90</td><td>20</td><td>35</td><td>8</td><td>6,2</td><td>6,7</td></tr><tr><td></td><td>5/16</td><td>9,771</td><td>18</td><td>100</td><td>22</td><td>39</td><td>10</td><td>8</td><td>8,4</td></tr></table> |                        |                |                |                |                  |    |     |     |     | 呼び径<br>Nom. size<br>ø d <sub>1</sub>                                        | 山数<br>P<br>Gg/1" (tpi) | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | ø d <sub>2</sub> | □ |  | EG | Nr. 4 | 3,671 | 40 | 63 | 13 | 21 | 4,5 | 3,4 | 3,1 |  | Nr. 6 | 4,536 | 32 | 70 | 14 | 25 | 6 | 4,9 | 3,8 |  | Nr. 8 | 5,197 | 32 | 80 | 16 | 30 | 6 | 4,9 | 4,4 |  | Nr. 10 | 6,200 | 24 | 80 | 17 | 30 | 7 | 5,5 | 5,2 |  | 1/4 | 8,002 | 20 | 90 | 20 | 35 | 8 | 6,2 | 6,7 |  | 5/16 | 9,771 | 18 | 100 | 22 | 39 | 10 | 8 | 8,4 | Enorm 1-AL GLT-104 |  |  |  |  |  |  |
| 呼び径<br>Nom. size<br>ø d <sub>1</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 山数<br>P<br>Gg/1" (tpi) | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | ø d <sub>2</sub> | □  |     |     |     |                                                                             |                        |                |                |                |                  |   |  |    |       |       |    |    |    |    |     |     |     |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |     |    |    |    |   |     |                    |  |  |  |  |  |  |
| EG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Nr. 4                  | 3,671          | 40             | 63             | 13               | 21 | 4,5 | 3,4 | 3,1 |                                                                             |                        |                |                |                |                  |   |  |    |       |       |    |    |    |    |     |     |     |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |     |    |    |    |   |     |                    |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Nr. 6                  | 4,536          | 32             | 70             | 14               | 25 | 6   | 4,9 | 3,8 |                                                                             |                        |                |                |                |                  |   |  |    |       |       |    |    |    |    |     |     |     |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |     |    |    |    |   |     |                    |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Nr. 8                  | 5,197          | 32             | 80             | 16               | 30 | 6   | 4,9 | 4,4 |                                                                             |                        |                |                |                |                  |   |  |    |       |       |    |    |    |    |     |     |     |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |     |    |    |    |   |     |                    |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Nr. 10                 | 6,200          | 24             | 80             | 17               | 30 | 7   | 5,5 | 5,2 |                                                                             |                        |                |                |                |                  |   |  |    |       |       |    |    |    |    |     |     |     |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |     |    |    |    |   |     |                    |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1/4                    | 8,002          | 20             | 90             | 20               | 35 | 8   | 6,2 | 6,7 |                                                                             |                        |                |                |                |                  |   |  |    |       |       |    |    |    |    |     |     |     |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |     |    |    |    |   |     |                    |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 5/16                   | 9,771          | 18             | 100            | 22               | 39 | 10  | 8   | 8,4 |                                                                             |                        |                |                |                |                  |   |  |    |       |       |    |    |    |    |     |     |     |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |     |    |    |    |   |     |                    |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                        |                |                |                |                  |    |     |     |     | B0503G00.5611                                                               |                        |                |                |                |                  |   |  |    |       |       |    |    |    |    |     |     |     |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |     |    |    |    |   |     |                    |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                        |                |                |                |                  |    |     |     |     | B0503G00.5613                                                               |                        |                |                |                |                  |   |  |    |       |       |    |    |    |    |     |     |     |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |     |    |    |    |   |     |                    |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                        |                |                |                |                  |    |     |     |     | B0503G00.5614                                                               |                        |                |                |                |                  |   |  |    |       |       |    |    |    |    |     |     |     |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |     |    |    |    |   |     |                    |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                        |                |                |                |                  |    |     |     |     | B0503G00.5615                                                               |                        |                |                |                |                  |   |  |    |       |       |    |    |    |    |     |     |     |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |     |    |    |    |   |     |                    |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                        |                |                |                |                  |    |     |     |     | B0503G00.5617                                                               |                        |                |                |                |                  |   |  |    |       |       |    |    |    |    |     |     |     |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |     |    |    |    |   |     |                    |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                        |                |                |                |                  |    |     |     |     | B0503G00.5618                                                               |                        |                |                |                |                  |   |  |    |       |       |    |    |    |    |     |     |     |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |     |    |    |    |   |     |                    |  |  |  |  |  |  |

| <div>EG UNF (STI)</div> <div>ASME B18.29.1</div> <div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                        |                |                |                |                  |    |    |     |      | <div>AL</div> <div>アルミニウム合金展伸材</div> <div></div> <div></div> <div>new</div> |                        |                |                |                |                  |   |  |    |       |       |    |    |   |    |   |   |   |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |    |    |    |    |   |      |                    |  |  |  |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------|----------------|----------------|------------------|----|----|-----|------|-----------------------------------------------------------------------------|------------------------|----------------|----------------|----------------|------------------|---|--|----|-------|-------|----|----|---|----|---|---|---|--|-------|-------|----|----|----|----|---|-----|-----|--|-------|-------|----|----|----|----|---|-----|-----|--|--------|-------|----|----|----|----|---|-----|-----|--|-----|-------|----|----|----|----|---|-----|-----|--|------|-------|----|----|----|----|----|---|------|--------------------|--|--|--|--|--|--|--|
| <div>技術情報</div> <div>Technical information</div> <div>公差・Tolerance</div> <div>コーティング・Coating</div> <div>母材・Cutting material</div> <div>食付き山数 </div> <div>切削油 </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                        |                |                |                |                  |    |    |     |      | 2B                                                                          | GLT-104                | HSSE           |                |                |                  |   |  |    |       |       |    |    |   |    |   |   |   |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |    |    |    |    |   |      |                    |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                |                |                |                  |    |    |     |      | R45                                                                         |                        |                |                |                |                  |   |  |    |       |       |    |    |   |    |   |   |   |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |    |    |    |    |   |      |                    |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                |                |                |                  |    |    |     |      | C / 2-3                                                                     | C / 2-3                |                |                |                |                  |   |  |    |       |       |    |    |   |    |   |   |   |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |    |    |    |    |   |      |                    |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                |                |                |                  |    |    |     |      | E / 0                                                                       | E / 0                  |                |                |                |                  |   |  |    |       |       |    |    |   |    |   |   |   |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |    |    |    |    |   |      |                    |  |  |  |  |  |  |  |
| <div>ねじ深さと穴形状</div> <div>Thread depth and hole type</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |                |                |                |                  |    |    |     |      | max. 2,5 x d <sub>1</sub>                                                   |                        |                |                |                |                  |   |  |    |       |       |    |    |   |    |   |   |   |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |    |    |    |    |   |      |                    |  |  |  |  |  |  |  |
| <div>アプリケーション – 被削材</div> <div>Applications – material</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                        |                |                |                |                  |    |    |     |      | N 1.1-1.4, 2.1                                                              |                        |                |                |                |                  |   |  |    |       |       |    |    |   |    |   |   |   |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |    |    |    |    |   |      |                    |  |  |  |  |  |  |  |
| <table><tr><th>呼び径<br/>Nom. size<br/>ø d<sub>1</sub></th><th>山数<br/>P<br/>Gg/1" (tpi)</th><th>l<sub>1</sub></th><th>l<sub>2</sub></th><th>l<sub>3</sub></th><th>ø d<sub>2</sub></th><th>□</th><th></th></tr><tr><td>EG</td><td>Nr. 4</td><td>3,533</td><td>48</td><td>56</td><td>9</td><td>20</td><td>4</td><td>3</td><td>3</td></tr><tr><td></td><td>Nr. 6</td><td>4,330</td><td>40</td><td>70</td><td>11</td><td>25</td><td>6</td><td>4,9</td><td>3,7</td></tr><tr><td></td><td>Nr. 8</td><td>5,083</td><td>36</td><td>80</td><td>13</td><td>30</td><td>6</td><td>4,9</td><td>4,4</td></tr><tr><td></td><td>Nr. 10</td><td>5,858</td><td>32</td><td>80</td><td>13</td><td>30</td><td>6</td><td>4,9</td><td>5,1</td></tr><tr><td></td><td>1/4</td><td>7,528</td><td>28</td><td>90</td><td>17</td><td>35</td><td>8</td><td>6,2</td><td>6,6</td></tr><tr><td></td><td>5/16</td><td>9,312</td><td>24</td><td>90</td><td>18</td><td>35</td><td>10</td><td>8</td><td>8,25</td></tr></table> |                        |                |                |                |                  |    |    |     |      | 呼び径<br>Nom. size<br>ø d <sub>1</sub>                                        | 山数<br>P<br>Gg/1" (tpi) | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | ø d <sub>2</sub> | □ |  | EG | Nr. 4 | 3,533 | 48 | 56 | 9 | 20 | 4 | 3 | 3 |  | Nr. 6 | 4,330 | 40 | 70 | 11 | 25 | 6 | 4,9 | 3,7 |  | Nr. 8 | 5,083 | 36 | 80 | 13 | 30 | 6 | 4,9 | 4,4 |  | Nr. 10 | 5,858 | 32 | 80 | 13 | 30 | 6 | 4,9 | 5,1 |  | 1/4 | 7,528 | 28 | 90 | 17 | 35 | 8 | 6,2 | 6,6 |  | 5/16 | 9,312 | 24 | 90 | 18 | 35 | 10 | 8 | 8,25 | Enorm 1-AL GLT-104 |  |  |  |  |  |  |  |
| 呼び径<br>Nom. size<br>ø d <sub>1</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 山数<br>P<br>Gg/1" (tpi) | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | ø d <sub>2</sub> | □  |    |     |      |                                                                             |                        |                |                |                |                  |   |  |    |       |       |    |    |   |    |   |   |   |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |    |    |    |    |   |      |                    |  |  |  |  |  |  |  |
| EG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Nr. 4                  | 3,533          | 48             | 56             | 9                | 20 | 4  | 3   | 3    |                                                                             |                        |                |                |                |                  |   |  |    |       |       |    |    |   |    |   |   |   |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |    |    |    |    |   |      |                    |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Nr. 6                  | 4,330          | 40             | 70             | 11               | 25 | 6  | 4,9 | 3,7  |                                                                             |                        |                |                |                |                  |   |  |    |       |       |    |    |   |    |   |   |   |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |    |    |    |    |   |      |                    |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Nr. 8                  | 5,083          | 36             | 80             | 13               | 30 | 6  | 4,9 | 4,4  |                                                                             |                        |                |                |                |                  |   |  |    |       |       |    |    |   |    |   |   |   |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |    |    |    |    |   |      |                    |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Nr. 10                 | 5,858          | 32             | 80             | 13               | 30 | 6  | 4,9 | 5,1  |                                                                             |                        |                |                |                |                  |   |  |    |       |       |    |    |   |    |   |   |   |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |    |    |    |    |   |      |                    |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1/4                    | 7,528          | 28             | 90             | 17               | 35 | 8  | 6,2 | 6,6  |                                                                             |                        |                |                |                |                  |   |  |    |       |       |    |    |   |    |   |   |   |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |    |    |    |    |   |      |                    |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5/16                   | 9,312          | 24             | 90             | 18               | 35 | 10 | 8   | 8,25 |                                                                             |                        |                |                |                |                  |   |  |    |       |       |    |    |   |    |   |   |   |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |    |    |    |    |   |      |                    |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                |                |                |                  |    |    |     |      | B0503G00.5633                                                               |                        |                |                |                |                  |   |  |    |       |       |    |    |   |    |   |   |   |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |    |    |    |    |   |      |                    |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                |                |                |                  |    |    |     |      | B0503G00.5635                                                               |                        |                |                |                |                  |   |  |    |       |       |    |    |   |    |   |   |   |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |    |    |    |    |   |      |                    |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                |                |                |                  |    |    |     |      | B0503G00.5636                                                               |                        |                |                |                |                  |   |  |    |       |       |    |    |   |    |   |   |   |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |    |    |    |    |   |      |                    |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                |                |                |                  |    |    |     |      | B0503G00.5637                                                               |                        |                |                |                |                  |   |  |    |       |       |    |    |   |    |   |   |   |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |    |    |    |    |   |      |                    |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                |                |                |                  |    |    |     |      | B0503G00.5639                                                               |                        |                |                |                |                  |   |  |    |       |       |    |    |   |    |   |   |   |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |    |    |    |    |   |      |                    |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                        |                |                |                |                  |    |    |     |      | B0503G00.5640                                                               |                        |                |                |                |                  |   |  |    |       |       |    |    |   |    |   |   |   |  |       |       |    |    |    |    |   |     |     |  |       |       |    |    |    |    |   |     |     |  |        |       |    |    |    |    |   |     |     |  |     |       |    |    |    |    |   |     |     |  |      |       |    |    |    |    |    |   |      |                    |  |  |  |  |  |  |  |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|
| <div><div>LK-M</div><div>エムーゲ規格 · EMUGE Standard</div></div> <div><div><div>60°</div><div>P</div><div>BT</div></div><div><div>90°</div><div>P</div><div><div>20°</div><div>60°</div></div><div>P ≤ 0,7mm</div></div></div> <div><div>DIN 371</div><div>AL<br/>アルミニウム<br/>合金展伸材</div><div><div>new</div><div></div></div></div> <div><div>技術情報<br/>Technical information</div><div>公差 · Tolerance<br/>コーティング · Coating<br/>母材 · Cutting material<br/>食付き山数 · <br/>切削油 · </div></div> <div><div>ねじ深さと穴形状<br/>Thread depth and hole type</div></div> <div><div>アプリケーション – 被削材<br/>Applications – material</div></div> |  |  |  |  |  |  |  |  |
| <div><div><div>GLT-104<br/>HSSE<br/>R45<br/>C / 2-3<br/>E / O</div></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |  |  |  |  |  |  |
| <div><div>max. 2,5 x d<sub>1</sub></div><div></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |  |  |  |  |  |
| <div><div>N 1.1-1.4, 2.1</div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |  |  |  |  |  |
| <div><div><div>ねじ径<br/>ø d<sub>1</sub><br/>mm</div><div>ピッチ<br/>P<br/>mm</div><div>l<sub>1</sub></div><div>l<sub>2</sub></div><div>l<sub>3</sub></div><div>ø d<sub>2</sub></div><div></div><div></div><div>Enorm<br/>1-AL<br/>GLT-104</div></div><div><div>LK-M</div><div><div>30,566183,52,72,7</div><div>40,7637214,53,43,55</div><div>50,87082564,94,4</div><div>6180103064,95,2</div><div>81,2590143586,27</div><div>101,510016391088,8</div></div></div></div>                                                                                                                                                                                                                             |  |  |  |  |  |  |  |  |
| <div><div><div>B0503G00.1046<br/>B0503G00.1048<br/>B0503G00.1050<br/>B0503G00.1052<br/>B0503G00.1054<br/>B0503G00.1056</div></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |  |  |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |  |  |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|
| <div><div>M</div><div>DIN 13</div></div> <div><div><div>60°</div><div>P</div></div></div> <div><div>DIN 371</div><div>AL<br/>アルミニウム合金展伸材</div><div><div>new</div><div></div></div></div> <div><div>技術情報<br/>Technical information</div><div>公差 · Tolerance<br/>コーティング · Coating<br/>母材 · Cutting material<br/>食付き山数 · <br/>切削油 · </div></div> <div><div>ねじ深さと穴形状<br/>Thread depth and hole type</div></div> <div><div>アプリケーション – 被削材<br/>Applications – material</div></div>                                                                                                                   |  |  |  |  |  |  |  |  |  |
| <div><div><div>6HX *)<br/>GLT-104<br/>HSSE-PM<br/>C / 2-3<br/>E / O / P</div></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  |  |  |  |  |
| <div><div>max. 3 x d<sub>1</sub></div><div></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |  |  |  |  |  |  |  |  |
| <div><div>N 1.1-1.4<br/>N 2.1-2.2</div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  |  |  |  |  |  |  |  |
| <div><div><div>ねじ径<br/>ø d<sub>1</sub><br/>mm</div><div>ピッチ<br/>P<br/>mm</div><div>l<sub>1</sub></div><div>l<sub>2</sub></div><div>l<sub>3</sub></div><div>ø d<sub>2</sub></div><div></div><div></div><div>InnoForm<br/>1-AL-SN<br/>PM-GLT-104</div></div><div><div>M</div><div><div>10,25402,5–2,52,10,9</div><div>1,20,25402,5–2,52,11,1</div><div>1,40,3403–2,52,11,28</div><div>1,60,35404112,52,11,47</div><div>20,4454122,82,11,85</div><div>2,50,45505142,82,12,33</div><div>30,5566183,52,72,8</div><div>40,7637214,53,43,7</div><div>50,87082564,94,65</div><div>6180103064,95,6</div><div>81,2590143586,27,45</div><div>101,510016391089,35</div></div></div></div> |  |  |  |  |  |  |  |  |  |
| <div><div><div>B5211Q00.0010<br/>B5211Q00.0012<br/>B5211Q00.0014<br/>B5211Q00.0016<br/>B5211Q00.0020<br/>B5211Q00.0025<br/>B5211Q00.0030<br/>B5211Q00.0040<br/>B5211Q00.0050<br/>B5211Q00.0060<br/>B5211Q00.0080<br/>B5211Q00.0100</div></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |  |  |  |  |  |  |



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