**Hirschvogel Umformtechnik**

Dr.-Manfred-Hirschvogel-Strasse 6
86920 Denklingen, Germany

Phone +49 8243 291-0
Fax +49 8243 991-001
hug@hirschvogel.de
www.hirschvogel.com

A Company of the
Hirschvogel Automotive Group

Hirschvogel Umformtechnik GmbH
Dr.-Manfred-Hirschvogel-Straße 6 · 86920 Denklingen, Germany

Getrag S.p.A.
Via dei Ciclamini 4
70026 MODUGNO (BARI)
ITALY

# Delivery Note 179426

180195652
5008450207
180196449

| Kunden-Nr. / Customer No. / No. du client | Nr. / No. / No. | Datum / Date / Date |
|---|---|---|
| 20011 | 82319956 | 24.07.2018 |

| 5) Lieferer-Nr. / Supplier No. / Code fournisseur | Lieferschein / Delivery note / Bon de livraison | Datum / Date / Date |
|---|---|---|
| 91001046 | | |

| 10) Ihr Zeichen / Your Reference / Votre référence | 11) Bestellung/Order/Commande | 10) Zusatzdaten des Bestellers / Additional Customer Data / Indic. complém. client | 12) Unsere Abteilung / Our Department / Notre département | 13) Tel./Fax Durchwahl / Phone/Fax Extension / Tél./Fax intérne | 14) Unsere Auftrags-Nr. / Our Order No. / Notre ordre no. |
|---|---|---|---|---|---|
| 0000008832 | 5500037705 0000 | 0805 8580 | HUG-LGT/WieR | 2400/092 | |

| 19) Versandart/Way of Shipment/Mode d'expédition | 20) frei paid franco | 20) unfrei unpaid port dû | 21) Verpackungsart / Packing / Mode d'emballage | 22) Versandzeichen / Shipping Marks / Identification de l'envoi | 23) Gesamtgewicht kg/ Weight kgs / Poids kg brutto/gross/brut | 23) netto/net/net |
|---|---|---|---|---|---|---|
| forwarder HIVO Spedition Schweitzer | | X | see below | see document | 5.732 | 5.102 |

| 25) Versandanschrift/Shipping Address/Adresse d'expédition | 26) Abladestelle/Unload Location/Lieu de déchargement |
|---|---|
| Getrag S.p.A. Via dei Ciclamini 4<br>70026 MODUGNO (BARI) | 100<br>14248 |

| 27) Pos. / Item / Poste | 28) Material/Teil-Nr. / Customer Part No. / Référence du client | 29) Material/Material/Référence / Bezeichnung/Description/Description / Produktionscharge/Production batch/Lot du production | 30) Menge / Quantity / Quantité | 31) Einheit / Unit / Unité |
|---|---|---|---|---|
| 010 | 2506368290<br>00 HIRSCHVOGEL<br>DEW-285122-4<br>DEW 285122<br>5000008687 | 109970-01<br>Input Shaft inner<br>480752<br><br>20MnCrS5<br>GCG805000-02<br>as forged, phosphate and lubrication on surface | 260 | pc |
| 020 | 2506368290<br>00 HIRSCHVOGEL<br>DEW-285122-4<br>DEW 285122<br>5000008703 | 109970-01<br>Input Shaft inner<br>480752<br><br>20MnCrS5<br>GCG805000-02<br>as forged, phosphate and lubrication on surface | 260 | pc |

I

KUEHNE+NAGEL S.r.l.
ACCETTAZIONE MERCE
Quantità dichiarata: 1505
Quantità effettiva:
Tipo Imballaggio:
Quantità Imballi: 6
Conformità alle schede d'imballo: ☒ NO
Data controllo: 28/07/2018
Firma

Incoterms 2010: FCA Denklingen AEO: AEOF 104198
Country of origin: DE

Unless otherwise agreed our General Terms of Trade and Delivery are binding. Other, conflicting or deviating customers' General Terms or Conditions are not accepted by us and do not become part of any contract. Our General Terms of Trade and Delivery can be reviewed under https://www.hirschvogel.com/en/agb.html .

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|---|---|---|---|---|
| 030 | 2506368290<br>00 HIRSCHVOGEL<br>DEW-285122-4<br>DEW 285122<br>5000008700 | 109970-01<br>Input Shaft inner<br>480752<br><br>20MnCrS5<br>GCG805000-02<br>as forged, phosphate and lubrication on surface | 260 | pc |
| 040 | 2506368290<br>00 HIRSCHVOGEL<br>DEW-285122-4<br>DEW 285122<br>5000008702 | 109970-01<br>Input Shaft inner<br>480752<br><br>20MnCrS5<br>GCG805000-02<br>as forged, phosphate and lubrication on surface | 260 | pc |
| 050 | 2506368290<br>00 HIRSCHVOGEL<br>DEW-285122-4<br>DEW 285122<br>5000008705 | 109970-01<br>Input Shaft inner<br>480752<br><br>20MnCrS5<br>GCG805000-02<br>as forged, phosphate and lubrication on surface | 260 | pc |

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# Inspection certificate 3.1
# EN 10204: 2005-01

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| 91001046 | | |

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|---|---|---|---|---|---|
| 0000008 | 5500037705 00001 | | HUG-LGV/ | 5614 / 9300 | 50139875 |

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|---|---|---|---|---|---|---|
| forwarder HIVO<br>Spedition Schweitzer | | X | | see document | 5.732 | 5.102 |

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|---|---|---|---|---|
| 010 | 2506368290<br>00 HIRSCHVOGEL<br>DEW-285122-4<br>DEW 285122 | 109970-01<br>Input Shaft inner<br>480752<br><br>20MnCrS5<br>GCG805000-02<br>as forged, phosphate and lubrication on surface | 260 | pc |

| Item | Unit | Value | Lower Limit | Upper Limit |
|---|---|---|---|---|
| production process | | E - Electrically melted | | |
| Grain size | | 5-8 | | |
| Degree of Purity K4 (ox | | <30 | | |
| Randentkohlung (1) max. | µm | 0 | 0 | 300 |

## Chemical Analysis/ Heat Analysis

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| C | 0,210 | % | Si | 0,100 | % | Mn | 1,220 | % | P | 0,009 | % | S | 0,025 | % |
| Cr | 1,090 | % | Mo | 0,040 | % | Ni | 0,120 | % | Cu | 0,070 | % | Sn | 0,003 | % |
| Al | 0,025 | % | V | < 0,01 | % | Ti | < 0,00 | % | B | < 0,00 | % | Nb | < 0,00 | % |
| Ca | 0,002 | % | N | 0,0101 | % | Pb | < 0,00 | % | As | 0,003 | % | Sb | < 0,00 | % |
| O | < 25,0 | ppm | H | < 2,50 | ppm | | | | | | | | | |

## Hardenability

| mm | 1,5 | 3 | 5 | 7 | 9 | 11 | 13 | 15 |
|---|---|---|---|---|---|---|---|---|
| HRC | 46,0 | 45,0 | 43,0 | 39,0 | 36,0 | 34,0 | 32,0 | 30,0 |

This document was generated electronically acc. to EN10204 and is valid without a signature.
Authorized inspection representative: B. Kast / QMW

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|---|---|---|---|---|
| 060 | 2506368290<br>00 HIRSCHVOGEL<br>DEW-285122-4<br>DEW 285122<br>5000008704 | 109970-01<br>Input Shaft inner<br>480752<br><br>20MnCrS5<br>GCG805000-02<br>as forged, phosphate and lubrication on surface | 205 | pc |
| | 15/62 | 161<br>HESON 15/62 | 6 | pc |
| | | Gesamtsumme/Total quantity | 1.505 | pc |

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Country of origin: DE

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