

(VDA 4912)
 Vendor -Plant: 0100 91001108 Receiver -Plant: 100 14550700
 -No.: 14550700
 Linamar Plettenberg GmbH Magna PT S.p.A.
 Daimlerstr. 11 Via dei Ciclamini, 4
 58840 PIETTENBERG Zona Industriale
 DEUTSCHLAND I-70026 MODUGNO
 VAT-No.: DE123840478 VAT-No.: IT04886850728

Unloading Area: 14248
 place of storage:
 Consumption:
 Dispatch Type: Truck Company
 Forw. Agent Name: Schweitzer GmbH & Co.
 -Number: 16070077
 Gross Weight: 20.396 KG

| ASN-No | -Pos | Sup. Ref. No. Cust. | Quant. | UM | V/G | Name of delivery | Furch. Ord. Nr. |
|------------|--------|---|------------|----|-----|-------------------|---------------------------------------|
| 81144446 | 000010 | 2511109290 | 2.700 | PC | S | SCHAFFRAD 6. GANG | 550003915802 |
| 15.11.2023 | | 035306-900 | 1.350 | PC | S | | nt. wt.: 1.736 KG , gr. wt.: 1.908 KG |
| | | CC: 230080905 | 1.350 | PC | S | | |
| | | CC: 230080899 | TBA-500256 | PC | S | DCT300/P01850 | |
| | | CC: 2,000 | | PC | | | |
| | | Cast-Number: 642966 | | | | | |
| | | UC-Material: L015759X10 | | | | | |
| | | Text: Engineering Change Status C | | | | | |
| | | Text: Customer Change No. C018986_MTP_1 | | | | | |
| | | Text: Supplier Index - | | | | | |

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|------------|--------|---|------------|----|---|-------------------|---------------------------------------|
| 81145064 | 000010 | 2511109390 | 3.700 | PC | S | SCHAFFRAD 7. GANG | 550003915702 |
| 15.11.2023 | | 035307-900 | 1.850 | PC | S | | nt. wt.: 1.880 KG , gr. wt.: 1.959 KG |
| | | CC: 230083386 | 1.850 | PC | S | | |
| | | CC: 230080935 | TBA-500256 | PC | S | DCT300/P01850 | |
| | | CC: 2,000 | | PC | | | |
| | | Cast-Number: 643748 | | | | | |
| | | UC-Material: L016038X10 | | | | | |
| | | Text: Engineering Change Status C | | | | | |
| | | Text: Customer Change No. C018986_MTP_1 | | | | | |
| | | Text: Supplier Index - | | | | | |

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|------------|--------|---------------------|------------|----|---|-----------------|---------------------------------------|
| 81145072 | 000010 | 2511122490 | 4.770 | PC | S | ZAHNRAD 2. GANG | 550004563904 |
| 15.11.2023 | | 035541-900 | 530 | PC | S | | nt. wt.: 7.696 KG , gr. wt.: 8.468 KG |
| | | CC: 230083388 | 530 | PC | S | | |
| | | CC: 230083377 | 530 | PC | S | | |
| | | CC: 230083374 | 530 | PC | S | | |
| | | CC: 230083368 | 530 | PC | S | | |
| | | CC: 230083365 | 530 | PC | S | | |
| | | CC: 230083361 | 530 | PC | S | | |
| | | CC: 230083355 | 530 | PC | S | | |
| | | CC: 230083350 | 530 | PC | S | | |
| | | CC: 230082995 | 530 | PC | S | | |
| | | CC: 9,000 | TBA-500256 | PC | S | DCT300/P01850 | |
| | | Cast-Number: 270598 | | | | | |

GR: Quant. Check: Rating Check:

"RICEVIUTO CON
 VERIFICA SU
 21 NOV 2023
 KUEHNE+NAGEL S.r.l.
 Via dei Ciclamini, snc. 70026 Modugno (BA)

Abnahmezeugnis 3.1 EN 10204 (Test certificate: / Certificat:)

Linamar Plattenberg GmbH, Postfach 1520, D-58815 Plattenberg



Company
Magna PT S.p.A.
Via dei Ciclamini, 4
Zona Industriale
I-70026 Modugno

Artikel SCHALTRAD 6.GANG
(Part name / Désignation pièce)
Kd.-Zg.-Nr. 251.1.1092.90
(Customer part number / No. du plan client)
Kd.-Auftr.-Nr. 30002068
(Order no. / No. De commande)

HBS-Teile-Nr. 035306-900
(HBS-Part number: / N° du plan HBS)
Änderungsindex C
(draw. notific. index / Indices du plan)
Lieferschein-Nr. 81144446/000010
(Shipping advice no. / Bulletin de livraison)

Auftrag 1045582
(order no./ordre no.)
SAP UC-Material L015759X10
(SAP UC-material/SAP UC-material)
Lieferdatum 11/03/2023
(shipping date / Date de livraison)

Stückzahl 2,700
(quantity / Quantité)

Stahlhersteller Lech-Stahlwerke GmbH
(steel mill / Acierrie)
Liefer spezifikation GCG_805000_02
(technical specification / Spécification de livraison)

Werkstoff 20MnCRS5
(steel grade / Qualité)

Herstellprozess EVD/CC
(process flow / Procédé fabrication)

Gießformat 240X240
(casting dim. / Dimension coulée)
Lieferzustand + FP Glühen Isotherma
(delivery condition / Etat de livraison)

Rohmat.-abm. 42 Rund
(raw material dim. / Barre diamètre)
Umformgrad 41,6:1
(Diameter / diamètre)

Schmelzeanalyse (cast analysis / Analyse de coulée)

| %C | %Si | %Mn | %P | %S | %Cr | %Mo | %Ni | %Cu | %Sn | %Al | %V | %B | %Ti | %Nb | %W | %Co | %Sb | %As | %Pb | %Te | %Ca | %N | ppm H | ppm O |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0.2000 | 0.1700 | 1.2900 | 0.0080 | 0.0210 | 1.0700 | 0.0200 | 0.1200 | 0.0600 | 0.0050 | 0.0270 | 0.0100 | 0.0002 | 0.0060 | 0.0040 | 0.0000 | 0.0000 | 0.0012 | 0.0040 | 0.0000 | 0.0000 | 0.0000 | 0.0107 | 1.2000 | 14.000 |

Härbarkeit (hardenability / valeurs de trempabilité)

| mm | 1 | 1.5 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 13 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | | | |
|------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|-------|-------|------|------|------|------|------|------|------|------|------|--|
| HRC | 0.00 | 45.80 | 0.00 | 44.90 | 0.00 | 42.80 | 0.00 | 38.70 | 0.00 | 35.90 | 0.00 | 33.50 | 31.80 | 30.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Fdyn | 0.00 | - | 0.00 | | | | | | | | | | | | | | | | | | | | | |

Metallographische Prüfungen (metallographical test / Examens métallographiques)

| Gefüge (part name / Désignation pièce) | FERRIT - PERLIT GEFÜGE | Randentkohlung (decarburation / Decarburation) | 0.000 |
|--|------------------------|--|-------|
| Korngröße (grain size / grosseur de grain) | Prim. 5 | - | 8 |
| | | Sek. 9 | 10 |

Mechanische Eigenschaften (mechanical properties / propriétés mécaniques)

| RM (N/mm²) | Rp0.2(N/mm²) | AI(%) | ZI(%) |
|------------|--------------|-------|-------|
| 0.00 | 0.00 | 0.00 | 0.00 |

Oberflächenhärte (surface hardness / duréé superficielle)

| Vorschritt (specification / Spécification) | 152.0 | - | 201.0 | HBW |
|--|-------|---|-------|-----|
| Ergebnis (result / Résultat) | 158.0 | - | 170.0 | HBW |

Einsetzhärtungstiefe (case hardening depth / cimentation gravité)

| Vorschritt (specification / Spécification) | 0.00 | - | 0.00 | mm |
|--|--|---|------------------|----|
| Ergebnis (result / Résultat) | 0.00 <td>-</td> <td>0.00 <td>mm</td> </td> | - | 0.00 <td>mm</td> | mm |

