

Vendor -Plant: 0100 -No: 91001108
 Linamar Plettenberg GmbH
 Daimlerstr. 11
 58840 PLETTENBERG
 DEUTSCHLAND

Receiver -Plant: 100 -No.: 14550700
 Magna PT S.p.A.
 Via dei Ciclamini, 4
 Zona Industriale
 I-70026 MODUGNO

Unloading Area: 14248
 place of storage:
 Consumption:
 Dispatch Type: Truck Company
 Forw. Agent Name: Schweitzer GmbH & Co.
 -Number: 16070077
 Gross Weight: 22.763 KG

VAT-No.: DE123840478 VAT-No.: IT04886850728

ASN-No -Pos Sup. Ref. No. Cust. Quant. UM V/G Name of delivery Purch. Ord. Nr.
 -Date Suppl. Ref. No. Vend. Add. Data Vendor
 Pack. Mat. -Quant. - Number Cust. -Nunmer Vendor
 - Consignment

Cast-Number: 271633
 UC-Material: G016270X10
 Text: Engineering Change Status -
 Text: Customer Change No. 22_003385-01
 Text: Supplier Index -

81186395	000010	2511122490	NUVA	PC	S	ZAHNRAD 2.GANG	550004563902
05.04.2024		035541-900	COLTA	PC	S		nt. wt.: 2.571 KG , gr. wt.: 2.824 KG
		CC: 240024281	Y	PC	S		
		CC: 240024277		PC	S		
		CC: 240024273		PC	S		
		CC: 3,000		PC	S		
		Cast-Number: 272066					
		UC-Material: G016373X10					
		Text: Engineering Change Status a					
		Text: Customer Change No. C0_21_002676-01					
		Text: Supplier Index -					

180365490
 501337-1011

81187733	000010	2511123190		PC	S	SCHALTRAD 6.GANG	550004564002
05.04.2024		035539-900		PC	S		nt. wt.: 4.278 KG , gr. wt.: 4.793 KG
		CC: 240024357		PC	S		
		CC: 240024349		PC	S		
		CC: 240024342		PC	S		
		CC: 240024335		PC	S		
		CC: 240024329		PC	S		
		CC: 240018425		PC	S		
		CC: 6,000		PC	S		
		Cast-Number: 645100					
		UC-Material: I016568X10					
		Text: Engineering Change Status a					
		Text: Customer Change No. C0_21_002676-01					
		Text: Supplier Index -					

375810

81187771	000010	2511109091		PC	S	SCHALTRAD 5.GANG	550004688501
05.04.2024		035611-900		PC	S		nt. wt.: 2.374 KG , gr. wt.: 2.624 KG
		CC: 240024357		PC	S		
		CC: 240024349		PC	S		
		CC: 240024342		PC	S		
		CC: 240024335		PC	S		
		CC: 240024329		PC	S		
		CC: 240018425		PC	S		
		CC: 6,000		PC	S		
		Cast-Number: 645100					
		UC-Material: I016568X10					
		Text: Engineering Change Status a					
		Text: Customer Change No. C0_21_002676-01					
		Text: Supplier Index -					

GR: 180365490 - 501337-1011

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 ZAHNRAD 2.GANG
(part name: / Désignation pièce)
Kd.-Zg.-Nr. 251.1.1224.90
(customer part number / No. du plan client)
Kd.-Auftr.-Nr. 30005431
(order no. / No. De commande)
Schmelzen-Nr. 272066
(heat number / No. de coulée)
Werkstoff 20MNCRS5
(steel grade / Qualité)

HBS-Teile.-Nr. 035541-900
(HBS-Part number: / N° du plan HBS)
Änderungsindex a
(draw. notific. index / Indice du plan)
Lieferschein-Nr. 81186395/000010
(shipping advice no. / Bulletin de livraison)
Schmelzen-Knz.
(heat code / Repère de coulée)
Herstellprozess E/AK./CC
(process flow / Procédé fabrication)

Auftrag 1048138
(order no./ordre no.)
SAP UC-Material G016373X10
(SAP UC-material/SAP UC-material)
Lieferdatum 03/22/2024
(shipping date / Date de livraison)

Stahlhersteller Georgsmarienhütte GmbH
(steel mill / Acierrie)
Lieferspezifikation GCG_805000_02
(technical specification / Spécification de livraison)

Gießformat 245X245
(casting dim. / Dimension coulée)
Lieferzustand + FP Glühen isotherma
(delivery condition / Etat de livraison)

Rohmat.-abm. 55 Rund
(raw material dim. / Barre diamètre)
Umformgrad 25 : 1
(Diameter / diamètre)

Stückzahl 1,590
(quantity / Quantité)

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
0.2100	0.1200	1.2200	0.0150	0.0240	1.1700	0.0400	0.1700	0.1600	0.0080	0.0380	0.0060	0.0003	0.0010	0.0080	0.0000	0.0000	0.0010	0.0080	0.0003	0.0000	0.0007	0.0120	1.7000	7.0000

Härtbarkeit (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	46.10	0.00	45.30	0.00	44.10	0.00	41.00	0.00	37.80	0.00	35.60	33.80	32.80	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	FERRIT - PERLIT GEFÜGE	Randentkohlung	0.000
Korngröße	Prim. 5 - 8 Sek. 9 - 10	(D value / diamètre idéal)	0.00

Mechanische Eigenschaften (mechanical properties / propriétés mécaniques)

RM (N/mm ²)	Rp0.2(N/mm ²)	A(%)	Z(%)
0.00	0.00	0.00	0.00

Oberflächenhärte (surface hardness / dureté superficielle)

Vorschrift	152.0	201.0	HBW
(specification / Spécification)	0	0	0
Ergebnis	152.0	160.0	HBW
(result / Résultat)	0	0	0

Kernhärte (core hardness / dureté centre)

Vorschrift	0.00	0.00
(specification / Spécification)	0.00	0.00
Ergebnis	0.00	0.00
(result / Résultat)	-	-

Reinheitsgrad	K3=0
(degree of purity / Degré de Pureté)	

Av(J)	bei T(°C)
0.00	0.00

Einsatzhärtungstiefe (case hardening depth / cémentation gravité)

Vorschrift	0.00	0.00	mm
(specification / Spécification)	0.00	-	0.00
Ergebnis	0.00	0.00	mm
(result / Résultat)	-	-	-

