



Sede Legale e amministrativa:
via Bresciani 16
46040 Gazoldo degli Ippoliti
Mantova-Italy
Tel. +39 - 0376 685 1
Fax. +39 - 0376 685 600
www.marcegaglia.com

Type Inspection Certificate 3.1 EN 10204
Number 10217030488
Issued On 18/01/2017

Customer
OVAKO METALS OY AB
TUOTEKATU 3
33840 TAMPERE FI

Consignee
OVAKO METALS OY AB
TUOTEKATU 3
33840 TAMPERE FI

Delivery Nn 8302700446
Of 18/01/2017
Delivery note nr 1002000629

Quality Control
Q.M.D. A.Dal Prato
Plant Of Contino

Pages
1/9

Identification Nr	Quantity	Heat	C (%)	Si (%)	Mn (%)	P (%)	S (%)	Pb (%)	Rm MPa	Rp 0.2 MPa	A (%)
-------------------	----------	------	-------	--------	--------	-------	-------	--------	--------	------------	-------

TPT TPT 38.00X 3000 11SMNPB30 EN10277 1161127541/30 001000-1 Date 07/12/2016

ROUND FREE CUTTING LEADED STEEL Toll h9 EN 10278

16QL005354	1016 KG	529901	.072	.011	1.150	.0800	.3080	.299	569	509	14.6
16QL005355	1017 KG	529901	.072	.011	1.150	.0800	.3080	.299	570	508	14.8
16QL005356	1016 KG	529901	.072	.011	1.150	.0800	.3080	.299	569	509	14.8
16QL005357	1016 KG	529901	.072	.011	1.150	.0800	.3080	.299	568	507	14.6

Remarks:

MATERIALE CONTROLLATO CLASSE 2 EN 10277-1
COLD DRAWN MATERIAL
MATERIALE CONTROLLATO CLASSE 2

Dimensional and visual check OK - We certify that material supplied complies with the requirements agreed on order

-



Sede Legale e amministrativa:
 via Bresciani 16
 46040 Gazoldo degli Ippoliti
 Mantova-Italy
 Tel. +39 - 0376 685 1
 Fax. +39 - 0376 685 600
 www.marcegaglia.com

Type Inspection Certificate 3.1 EN 10204
 Number 10217030488
 Issued On 18/01/2017

Customer
 OVAKO METALS OY AB
 TUOTEKATU 3
 33840 TAMPERE FI

Consignee
 OVAKO METALS OY AB
 TUOTEKATU 3
 33840 TAMPERE FI

Delivery Nn 8302700446
 Of 18/01/2017
 Delivery note nr 1002000629
 Quality Control Q.M.D. A.Dal Prato
 Plant Of Contino
 Pages 2/9

Identification Nr	Quantity	Heat	C (%)	Si (%)	Mn (%)	P (%)	S (%)	Al (%)	Cu (%)	Rm MPa	Rp 0.2 MPa	A (%)	Kv1 [J]	Kv2 [J]	Kv3 [J]	Kv ^a [J]
-------------------	----------	------	-------	--------	--------	-------	-------	--------	--------	--------	------------	-------	---------	---------	---------	---------------------

TRT TRT 35.00X 6000 S355J2C EN10277 1171000611/100 001808-1 Date 05/01/2017																
COLD DRAWN ROUND Toll h9 EN 10278																
17QL000061	1004 KG	3072035	.148	.211	1.246	.0162	.0090	.022	.310	621	482	16.5	39	41	36	38

TRT TRT 40.00X 6000 S355J2C EN10277 1171000713/20 001809-1 Date 05/01/2017																
COLD DRAWN ROUND Toll h9 EN 10278																
17QL000120	1018 KG	3070992	.160	.196	1.265	.0165	.0136	.022	.400	621	482	16.6	40	37	42	39
17QL000121	1018 KG	3070992	.160	.196	1.265	.0165	.0136	.022	.400	621	481	16.9	43	46	41	43

Remarks:
 COLD DRAWN MATERIAL
 PROVA DI RESILIENZA ESEGUITA SUL LAMINATO DI PARTENZA.
 TEMPERATURA - 20 °
 Dimensional and visual check OK - We certify that material supplied complies with the requirements agreed on order
 -



Sede Legale e amministrativa:
 via Bresciani 16
 46040 Gazoldo degli Ippoliti
 Mantova-Italy
 Tel. +39 - 0376 685 1
 Fax. +39 - 0376 685 600
 www.marcegaglia.com

Type Inspection Certificate 3.1 EN 10204
 Number 10217030488
 Issued On 18/01/2017

Customer
 OVAKO METALS OY AB
 TUOTEKATU 3
 33840 TAMPERE FI

Consignee
 OVAKO METALS OY AB
 TUOTEKATU 3
 33840 TAMPERE FI

Delivery Nn	8302700446	Quality Control	Pages 3/9
Of	18/01/2017	Q.M.D. A.Dal Prato	
Delivery note nr	1002000629	Plant Of Contino	

Identification Nr	Quantity	Heat	C (%)	Si (%)	Mn (%)	P (%)	S (%)	Al (%)	Cu (%)	Rm MPa	Rp 0.2 MPa	A (%)	Kv1 [J]	Kv2 [J]	Kv3 [J]	Kv ^a [J]
-------------------	----------	------	-------	--------	--------	-------	-------	--------	--------	--------	------------	-------	---------	---------	---------	---------------------

TRT TRT 20.00X 6000 S355J2C EN10277 1171000611/90 001808-1 Date 05/01/2017

COLD DRAWN ROUND Toll h9 EN 10278

17QL000059	1043 KG	354711	.179	.201	1.037	.0100	.0240	.021	.123	657	537	14.5	42	39	39	40
17QL000060	1041 KG	354711	.179	.201	1.037	.0100	.0240	.021	.123	657	538	14.5	43	46	46	45

TRT TRT 30.00X 6000 S355J2C EN10277 1171000713/10 001809-1 Date 05/01/2017

COLD DRAWN ROUND Toll h9 EN 10278

17QL000122	1012 KG	3070977	.150	.248	1.227	.0100	.0250	.026	.211	651	530	14.9	43	40	46	43
------------	---------	---------	------	------	-------	-------	-------	------	------	-----	-----	------	----	----	----	----

Remarks:

COLD DRAWN MATERIAL
 PROVA DI RESILIENZA ESEGUITA SUL LAMINATO DI PARTENZA.
 TEMPERATURA - 20 °
 Dimensional and visual check OK - We certify that material supplied complies with the requirements agreed on order
 -



Sede Legale e amministrativa:
 via Bresciani 16
 46040 Gazoldo degli Ippoliti
 Mantova-Italy
 Tel. +39 - 0376 685 1
 Fax. +39 - 0376 685 600
 www.marcegaglia.com

Type	Inspection Certificate 3.1 EN 10204		
Number	10217030488		
Issued On	18/01/2017		

Customer OVAKO METALS OY AB TUOTEKATU 3 33840 TAMPERE FI	Consignee OVAKO METALS OY AB TUOTEKATU 3 33840 TAMPERE FI	Delivery Nn Of Delivery note nr	8302700446 18/01/2017 1002000629	Quality Control Q.M.D. A.Dal Prato Plant Of Contino	Pages 4/9
---	--	---------------------------------------	--	---	--------------

Identification Nr	Quantity	Heat	C (%)	Si (%)	Mn (%)	P (%)	S (%)	Al (%)	Cu (%)	Rm MPa	Rp 0.2 MPa	A (%)	Kv1 [J]	Kv2 [J]	Kv3 [J]	Kv ^a [J]
-------------------	----------	------	-------	--------	--------	-------	-------	--------	--------	--------	------------	-------	---------	---------	---------	---------------------

TRT TRT 45.00X 6000 S355J2C EN10277 1171000611/110 001808-1 Date 05/01/2017
COLD DRAWN ROUND Toll h9 EN 10278

17QL000058	1136 KG	601753	.200	.270	1.430	.0130	.0300	.027	.010	581	406	20.2	35	38	38	37
------------	---------	--------	------	------	-------	-------	-------	------	------	-----	-----	------	----	----	----	----

Remarks:
 COLD DRAWN MATERIAL
 PROVA DI RESILIENZA ESEGUITA SUL LAMINATO DI PARTENZA.
 TEMPERATURA - 20 °
 Dimensional and visual check OK - We certify that material supplied complies with the requirements agreed on order
 -



Sede Legale e amministrativa:
via Bresciani 16
46040 Gazoldo degli Ippoliti
Mantova-Italy
Tel. +39 - 0376 685 1
Fax. +39 - 0376 685 600
www.marcegaglia.com

Type Inspection Certificate 3.1 EN 10204
Number 10217030488
Issued On 18/01/2017

Customer
OVAKO METALS OY AB
TUOTEKATU 3
33840 TAMPERE FI

Consignee
OVAKO METALS OY AB
TUOTEKATU 3
33840 TAMPERE FI

Delivery Nn 8302700446
Of 18/01/2017
Delivery note nr 1002000629

Quality Control
Q.M.D. A.Dal Prato
Plant Of Contino

Pages
5/9

Identification Nr	Quantity	Heat	C (%)	Si (%)	Mn (%)	P (%)	S (%)	Pb (%)	Rm MPa	Rp 0.2 MPa	A (%)
-------------------	----------	------	-------	--------	--------	-------	-------	--------	--------	------------	-------

TPT TPT 20.00X 3000 11SMNPB30 EN10277 1171000611/20 001808-1 Date 05/01/2017

ROUND FREE CUTTING LEADED STEEL Toll h9 EN 10278

17QL000069	1031 KG	115782	.068	.017	1.260	.0580	.3020	.291	585	524	12.4
17QL000070	1032 KG	115782	.068	.017	1.260	.0580	.3020	.291	585	523	12.7
17QL000071	1032 KG	115782	.068	.017	1.260	.0580	.3020	.291	586	523	12.7

TPT TPT 21.00X 3000 11SMNPB30 EN10277 1171000611/30 001808-1 Date 05/01/2017

ROUND FREE CUTTING LEADED STEEL Toll h9 EN 10278

17QL000068	1042 KG	113627	.073	.010	1.255	.0530	.3090	.281	588	527	12.5
------------	---------	--------	------	------	-------	-------	-------	------	-----	-----	------

TPT TPT 25.00X 3000 11SMNPB30 EN10277 1171000611/40 001808-1 Date 05/01/2017

ROUND FREE CUTTING LEADED STEEL Toll h9 EN 10278

17QL000072	1024 KG	117165	.069	.013	1.235	.0560	.2950	.263	585	522	12.5
------------	---------	--------	------	------	-------	-------	-------	------	-----	-----	------

Remarks:

MATERIALE CONTROLLATO CLASSE 2 EN 10277-1
COLD DRAWN MATERIAL
MATERIALE CONTROLLATO CLASSE 2

Dimensional and visual check OK - We certify that material supplied complies with the requirements agreed on order

-



Sede Legale e amministrativa:
 via Bresciani 16
 46040 Gazoldo degli Ippoliti
 Mantova-Italy
 Tel. +39 - 0376 685 1
 Fax. +39 - 0376 685 600
 www.marcegaglia.com

Type	Inspection Certificate 3.1 EN 10204		
Number	10217030488		
Issued On	18/01/2017		

Customer OVAKO METALS OY AB TUOTEKATU 3 33840 TAMPERE FI	Consignee OVAKO METALS OY AB TUOTEKATU 3 33840 TAMPERE FI	Delivery Nn	8302700446	Quality Control	Pages 6/9
		Of	18/01/2017	Q.M.D. A.Dal Prato	
		Delivery note nr	1002000629	Plant Of Contino	

Identification Nr	Quantity	Heat	C (%)	Si (%)	Mn (%)	P (%)	S (%)	Pb (%)	Rm MPa	Rp 0.2 MPa	A (%)
-------------------	----------	------	-------	--------	--------	-------	-------	--------	--------	------------	-------

TPT TPT 45.00X 3000 11SMNPB30 EN10277 1171000611/60 001808-1 Date 05/01/2017
ROUND FREE CUTTING LEADED STEEL Toll h9 EN 10278

17QL000063	1064 KG	60366	.070	.004	1.090	.0500	.2900	.290	495	396	16.7
17QL000064	1067 KG	60366	.070	.004	1.090	.0500	.2900	.290	496	396	16.8

TPT TPT 55.00X 3000 11SMNPB30 EN10277 1171000611/70 001808-1 Date 05/01/2017
ROUND FREE CUTTING LEADED STEEL Toll h9 EN 10278

17QL000065	1053 KG	065096	.070	.003	1.070	.0600	.3000	.270	499	399	16.5
17QL000066	1057 KG	065096	.070	.003	1.070	.0600	.3000	.270	499	400	16.6
17QL000067	1057 KG	529687	.073	.004	1.080	.0750	.3070	.263	494	393	17.1

Remarks:
 COLD DRAWN MATERIAL
 Dimensional and visual check OK - We certify that material supplied complies with the requirements agreed on order



Sede Legale e amministrativa:
via Bresciani 16
46040 Gazoldo degli Ippoliti
Mantova-Italy
Tel. +39 - 0376 685 1
Fax. +39 - 0376 685 600
www.marcegaglia.com

Type Inspection Certificate 3.1 EN 10204
Number 10217030488
Issued On 18/01/2017

Customer
OVAKO METALS OY AB
TUOTEKATU 3
33840 TAMPERE FI

Consignee
OVAKO METALS OY AB
TUOTEKATU 3
33840 TAMPERE FI

Delivery Nn 8302700446
Of 18/01/2017
Delivery note nr 1002000629

Quality Control
Q.M.D. A.Dal Prato
Plant Of Contino

Pages
7/9

Identification Nr	Quantity	Heat	C (%)	Si (%)	Mn (%)	P (%)	S (%)	Pb (%)	Rm MPa	Rp 0.2 MPa	A (%)
-------------------	----------	------	-------	--------	--------	-------	-------	--------	--------	------------	-------

TPE TPE 32 X3000 11SMNPB30 EN10277 1171000611/80 001808-1 Date 05/01/2017

HEXAGONAL FREE CUTTING LEADED STEEL Toll h 11 EN 10278

17QL000062 1024 KG 510898 .071 .008 1.160 .0730 .3120 .279 577 518 13.9

Remarks:

Dimensional and visual check OK - We certify that material supplied complies with the requirements agreed on order

-



Sede Legale e amministrativa:
via Bresciani 16
46040 Gazoldo degli Ippoliti
Mantova-Italy
Tel. +39 - 0376 685 1
Fax. +39 - 0376 685 600
www.marcegaglia.com

Type Inspection Certificate 3.1 EN 10204
Number 10217030488
Issued On 18/01/2017

Customer
OVAKO METALS OY AB
TUOTEKATU 3
33840 TAMPERE FI

Consignee
OVAKO METALS OY AB
TUOTEKATU 3
33840 TAMPERE FI

Delivery Nn	8302700446	Quality Control	Pages 8/9
Of	18/01/2017	Q.M.D. A.Dal Prato	
Delivery note nr	1002000629	Plant Of Contino	

Identification Nr	Quantity	Heat	C (%)	Si (%)	Mn (%)	P (%)	S (%)	Pb (%)	Rm MPa	Rp 0.2 MPa	A (%)
-------------------	----------	------	-------	--------	--------	-------	-------	--------	--------	------------	-------

TPQ TPQ 30.00X 30.00X 3000.00 11SMNPB30 EN10277 1161145041/30 001524-1 Date 06/12/2016

FREE CUTTING LEADED STEEL ToII h11 EN 10278

16QL005149	1106 KG	878774	.073	.007	1.170	.0710	.3070	.253	580	520	13.4
16QL005150	1095 KG	878774	.073	.007	1.170	.0710	.3070	.253	578	520	13.4

Remarks:
Dimensional and visual check OK - We certify that material supplied complies with the requirements agreed on order
-



Sede Legale e amministrativa:
 via Bresciani 16
 46040 Gazoldo degli Ippoliti
 Mantova-Italy
 Tel. +39 - 0376 685 1
 Fax. +39 - 0376 685 600
 www.marcegaglia.com

Type Inspection Certificate 3.1 EN 10204
 Number 10217030488
 Issued On 18/01/2017

Customer
 OVAKO METALS OY AB
 TUOTEKATU 3
 33840 TAMPERE FI

Consignee
 OVAKO METALS OY AB
 TUOTEKATU 3
 33840 TAMPERE FI

Delivery Nn	8302700446	Quality Control	Pages 9/9
Of	18/01/2017	Q.M.D. A.Dal Prato	
Delivery note nr	1002000629	Plant Of Contino	

Identification Nr	Quantity	Heat	C (%)	Si (%)	Mn (%)	P (%)	S (%)	Pb (%)	Rm MPa	Rp 0.2 MPa	A (%)
-------------------	----------	------	-------	--------	--------	-------	-------	--------	--------	------------	-------

TPQ TPQ 50.00X 50.00X 3000.00 11SMNPB30 EN10277 1171000713/50 001809-1 Date 05/01/2017

FREE CUTTING LEADED STEEL ToII h11 EN 10278

17QL000126	972 KG	529619	.081	.009	1.150	.0560	.3080	.300	493	365	17.8
17QL000127	972 KG	529619	.081	.009	1.150	.0560	.3080	.300	493	363	17.8

TPQ TPQ 60.00X 60.00X 3000.00 11SMNPB30 EN10277 1171000713/60 001809-1 Date 05/01/2017

FREE CUTTING LEADED STEEL ToII h11 EN 10278

17QL000130	1037 KG	506570	.080	.008	1.110	.0610	.3040	.268	497	368	17.4
------------	---------	--------	------	------	-------	-------	-------	------	-----	-----	------

Remarks:

Dimensional and visual check OK - We certify that material supplied complies with the requirements agreed on order

-