Requested by

VMG Technics, UAB
Zita Andriušienė
Pramones st. 14, Dirvupiai
LT-92498 Klaipedos dist., Lithuania
zita.andriusiene@vmg.eu

Order ref. Zita Andriušienė, order 1.4.2026 related to offer V8JNPT260003-05

Contact person

Eurofins Expert Services Oy
Ari Kevarinmäki
Huhtimontie 10-12
FI-04200 Kerava, Finland
Ari.Kevarinmaki@cpt.eurofinseu.com

Task **Initial testing of nailing plates according to EN 14545:2008**

Sample The client delivered Flat Connector Plates for initial testing in March 2026. There were five (5) samples from each size of nailing plates presented in Table 1 including six (6) different sizes of connectors. The client has also delivered inspection certificates of steel material for at least five (5) different delivery lot from each material and plate thickness combination. The dimensional drawings of the nailing plates are presented in Appendix 2.

Performance of the task

Tests were carried out according to the requirements given for the initial type testing of nailing plates in standard EN 14545:2008 "Timber structures - Connectors - Requirements".

Plate material

The nailing plates are manufactured from pre-galvanised steel strips of the grade DX51D+Z275 or S250GD+Z275 according to the standard EN 10346. According to the clarification of the client, it is always ensured from the material certificate of each steel consignment that the tested yield strength is at least 250 N/mm^2 and the tensile strength is at least 330 N/mm^2, so that the steel material used in the nailing plates would fulfil the requirements of the mechanical properties of grade S250GD presented in EN 10346.

The comparison of the mechanical properties presented in the manufacture's inspection certificates with the requirements of steel grade S250GD+Z275 are presented in Table 2. As an example, three material certificates of the mild steel plate is presented in Appendix 3.

The declared yield strength of grade S250GD, R_{eH} or $R_{p,02}$, is at least 250 N/mm^2, the tension strength, R_m, at least 330 N/mm^2 and the elongation A_{80} is at least 19 %. These values are used in structural design of VMGT Flat Connector Plates manufactured from steel grade DX51D+Z275 or S250GD+Z275. The material thicknesses with allowed tolerances (EN 10143) are 2,00 $\pm$ 0,15 mm, 2,50 $\pm$ 0,17 mm and 3,00 $\pm$ 0,20 mm. The tested values presented in the material certificates of grade DX51D+Z275 fulfil the strength and elongation requirements of steel grade S250GD+Z275 (EN 10346).

Table 1. VMGT Flat Connector Plates.

Art. No.	Nominal size l x w x t_p (mm)	Material grade
13655FC020	136,5 x 55 x 2,0	DX51D+Z275 / S250GD+Z275
17565FC020	175 x 65,1 x 2,0	DX51D+Z275 / S250GD+Z275
17565FC025	175 x 65,1 x 2,5	DX51D+Z275 / S250GD+Z275
20090FC020	204 x 90 x 2,0	DX51D+Z275 / S250GD+Z275
20090FC025	204 x 90 x 2,5	DX51D+Z275 / S250GD+Z275
20090FC030	204 x 90 x 3,0	DX51D+Z275 / S250GD+Z275

Table 2. Mean and minimum values of tested steel properties DX51D+Z275 and the requirements given in standard EN 10346:2015.

Manufacture's inspection certificates Steel grade DX51D+Z275		R_{p02} / R_{eH} N/mm²	R_m N/mm²	A_{80mm} %	zinc g/m²
	thickness = 2,0 mm				
	number of tests = 8 mean	294	376	34	287
	min	272	358	28	278
	thickness = 2,5 mm				
	number of tests = 5 mean	299	375	34	286
	min	290	371	32	271
	thickness = 3,0 mm				
	number of tests = 6 mean	310	388	32	
	min	303	375	29	
Requirements for minimum values					
	Steel grade DX51D+Z275	-	270	22	275*
	Steel grade S250GD+Z275	250	330	19	275*

* for mean value

Dimensions and tolerances of connectors

The length (l), width (w) and thickness (t_p) and the hole sizes and positions were measured for all the connector samples according to EN 14545:2008. The measuring results are shown in Appendix 1. According to the measuring results, the dimensions and geometry of the connectors were according to the Table 1 and the drawings of Appendix 2 and fulfil the compliance criteria given for the dimensions and tolerances in EN 14545:2008 for the initial type testing of nailing plates.

Summary

According to the results of initial type testing done in accordance with EN 14545, the following information can be presented as declared values for the tested VMGT Flat Connector Plates:

- nailing plate for structural timber products
- minimum specification of parent material: S250GD acc. to EN 10346
- width (w), length (l) and thickness (t_p) dimensions acc. to Table 1
- characteristic yield strength f_y = 250 N/mm²
- minimum elongation after fracture A_{80} = 19 %
- durability: Z275 hot-dip zinc coating (service class 2 acc. to EN 1995-1-1).

For CE-marking of the nailing plates, certification of the factory production shall be performed by a notified certification body based on initial inspection of factory and of factory production control.

Kerava, 28th April 2026

Ari Kevarinmäki

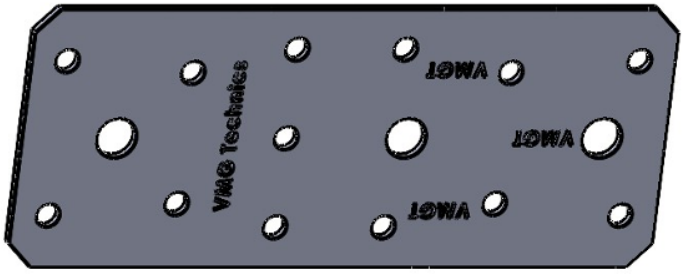
Leading Expert

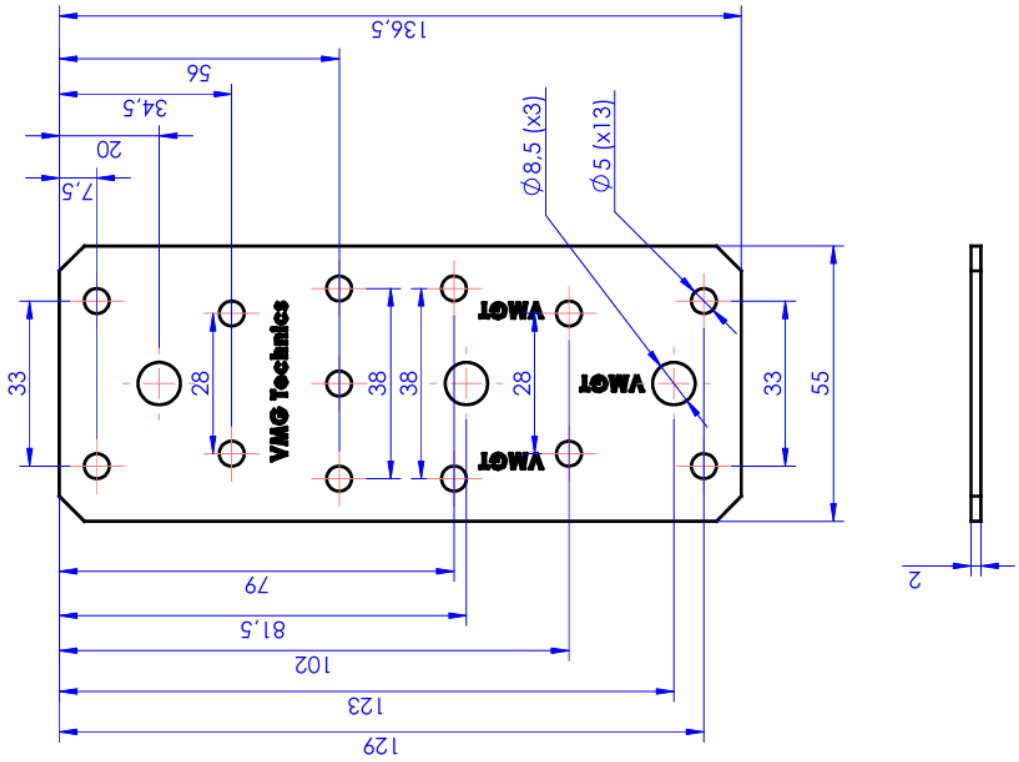
Appendices	Appendix 1:	Measuring results of connector samples
	Appendix 2:	Dimensional drawings of the nailing plates
	Appendix 3:	Copies of steel manufacture's inspection certificates
Distribution	Customer	Electronically approved

Measuring results of connector samples

Nailing Plate Art. No.	Nominal size l x w x t_p (mm)	sample number	width w (mm)	length l (mm)	thickness t_p (mm)	tolerance of hole sizes	tolerance of hole spacings
13655FC020	136,5x55x2,0	1	54,99	136,6	1,97	≤ ±0,2 mm	≤ ±0,5 mm
		2	54,8	136,5	1,98	≤ ±0,2 mm	≤ ±0,5 mm
		3	54,9	136,6	1,98	≤ ±0,2 mm	≤ ±0,5 mm
		4	55,0	136,6	1,99	≤ ±0,2 mm	≤ ±0,5 mm
		5	55,0	136,6	1,98	≤ ±0,2 mm	≤ ±0,5 mm
		mean	55	136,6	1,98	-	-
		min	54,8	136,5	1,97		
		max	55,0	136,6	1,99		
17565FC020	175x65,1x2,0	1	65,3	175,0	2,00	≤ ±0,2 mm	≤ ±0,5 mm
		2	65,4	175,0	1,99	≤ ±0,2 mm	≤ ±0,5 mm
		3	65,5	175,0	2,00	≤ ±0,2 mm	≤ ±0,5 mm
		4	65,5	175,0	1,99	≤ ±0,2 mm	≤ ±0,5 mm
		5	65,6	175,0	2,00	≤ ±0,2 mm	≤ ±0,5 mm
		mean	65,5	175	2,00	-	-
		min	65,3	175,0	1,99		
		max	65,6	175,0	2,00		
17565FC025	175x65,1x2,5	1	65,4	174,9	2,40	≤ ±0,2 mm	≤ ±0,5 mm
		2	65,2	174,9	2,42	≤ ±0,2 mm	≤ ±0,5 mm
		3	65,4	174,9	2,42	≤ ±0,2 mm	≤ ±0,5 mm
		4	65,5	174,9	2,42	≤ ±0,2 mm	≤ ±0,5 mm
		5	65,5	175,0	2,40	≤ ±0,2 mm	≤ ±0,5 mm
		mean	65,4	175	2,41	-	-
		min	65,2	174,9	2,40		
		max	65,5	175,0	2,42		
20090FC020	204x90x2,0	1	90,3	203,8	2,00	≤ ±0,2 mm	≤ ±0,5 mm
		2	90,3	203,8	2,00	≤ ±0,2 mm	≤ ±0,5 mm
		3	90,3	203,8	2,00	≤ ±0,2 mm	≤ ±0,5 mm
		4	90,2	203,8	2,00	≤ ±0,2 mm	≤ ±0,5 mm
		5	90,3	203,8	2,00	≤ ±0,2 mm	≤ ±0,5 mm
		mean	90	204	2,00	-	-
		min	90,2	203,8	2,00		
		max	90,3	203,8	2,00		
20090FC025	204x90x2,5	1	90,3	204,0	2,48	≤ ±0,2 mm	≤ ±0,5 mm
		2	90,3	203,9	2,51	≤ ±0,2 mm	≤ ±0,5 mm
		3	90,3	203,9	2,49	≤ ±0,2 mm	≤ ±0,5 mm
		4	90,3	203,9	2,49	≤ ±0,2 mm	≤ ±0,5 mm
		5	90,3	203,9	2,50	≤ ±0,2 mm	≤ ±0,5 mm
		mean	90	204	2,49	-	-
		min	90,3	203,9	2,48		
		max	90,3	204,0	2,51		
20090FC030	204x90x3,0	1	90,3	204,3	2,97	≤ ±0,2 mm	≤ ±0,5 mm
		2	90,3	204,0	3,01	≤ ±0,2 mm	≤ ±0,5 mm
		3	90,3	204,1	3,00	≤ ±0,2 mm	≤ ±0,5 mm
		4	90,3	204,1	3,01	≤ ±0,2 mm	≤ ±0,5 mm
		5	90,3	204,3	2,99	≤ ±0,2 mm	≤ ±0,5 mm
		mean	90	204	3,00	-	-
		min	90,3	204,0	2,97		
		max	90,3	204,3	3,01		

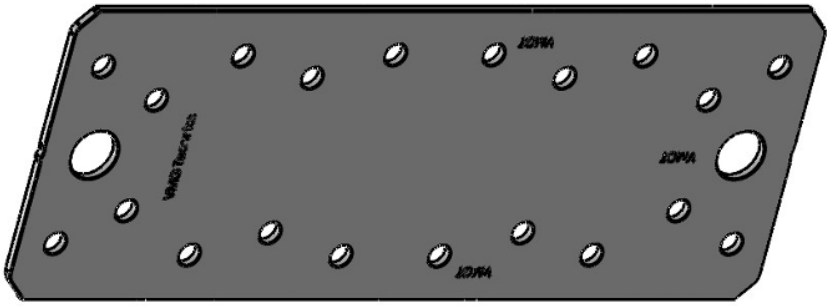
Revision			
REV.	Notes	Date	Author

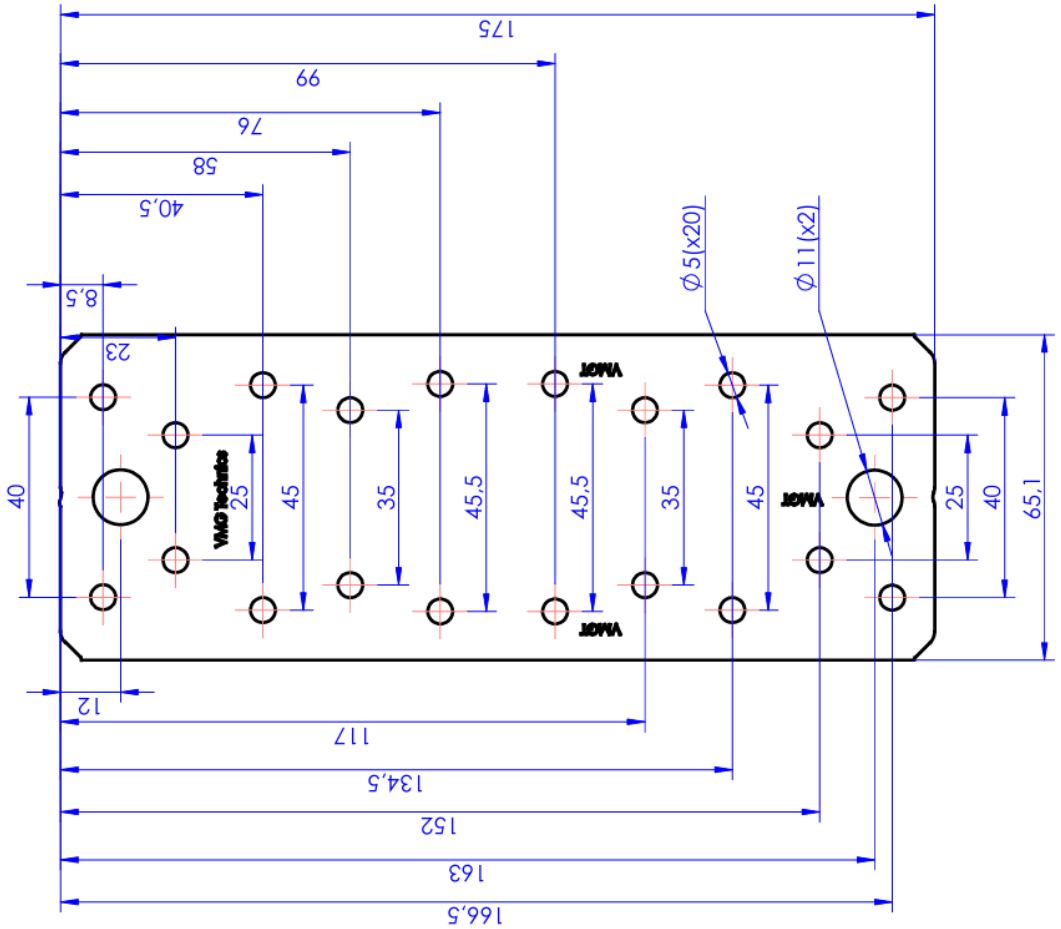




Amount pcs.	Material: DX51D Z275	Tolerance: ISO 2768 C	Weight (kg)	Scale: 2:1			
	Author: Paulius Runelis	Drawing No.: 13655FC020		Rev.			
The owner: VMG TECHNICS	Checked by: Irena Kokojeva	Title: FLAT CONNECTOR 136x55x2		Production technology: Stamping			
	Approved by: Vytautas Miežetis	Project: PR23-005		Format: A3	Date: 2025-10-14	Page: 1/1	

REVISION			
REV.	NOTES	DATE	AUTHOR

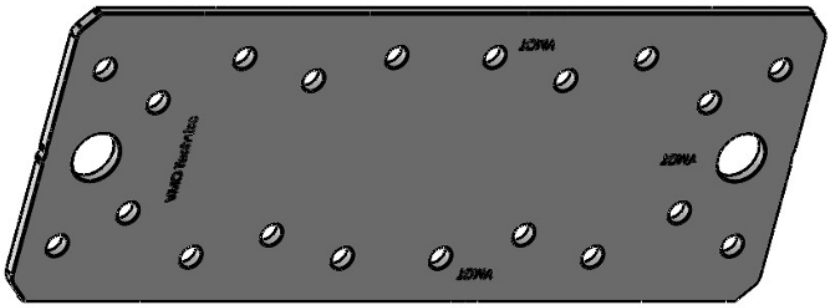


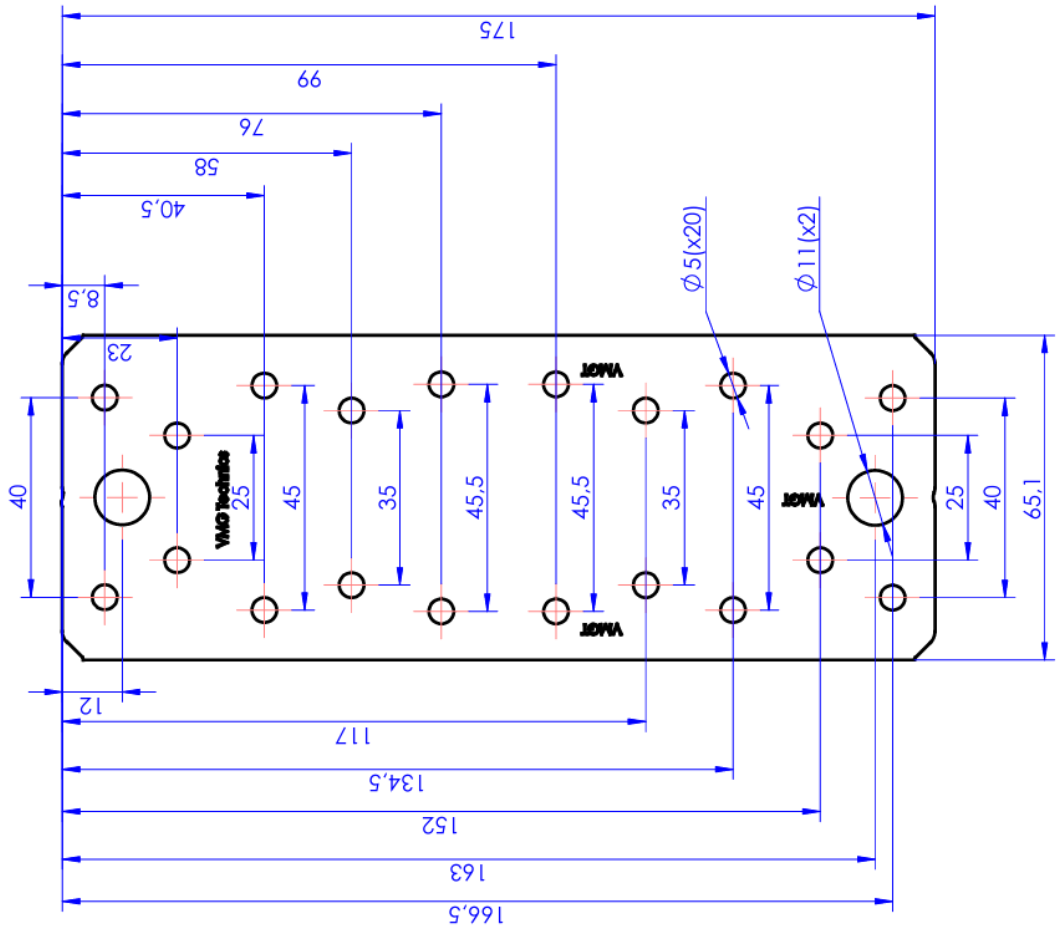


Amount pcs.	Material: DX51D + Z275	Tolerance: ISO 2768 C				Weight (kg): 0.17	Scale: 1:1
	Author: Paulius Runelis	Drawing No.: 17565FC020				Rev.	
	Checked by: Irena Kokojeva	Title: FLAT CONNECTOR 175x65x2				Production technology: Stamping	
The owner: VMG TECHNICS	Approved by: Vytautas Miežetis	Project: PR23-005				Format: A3	Date: 2025-10-22
							Page: 1/1

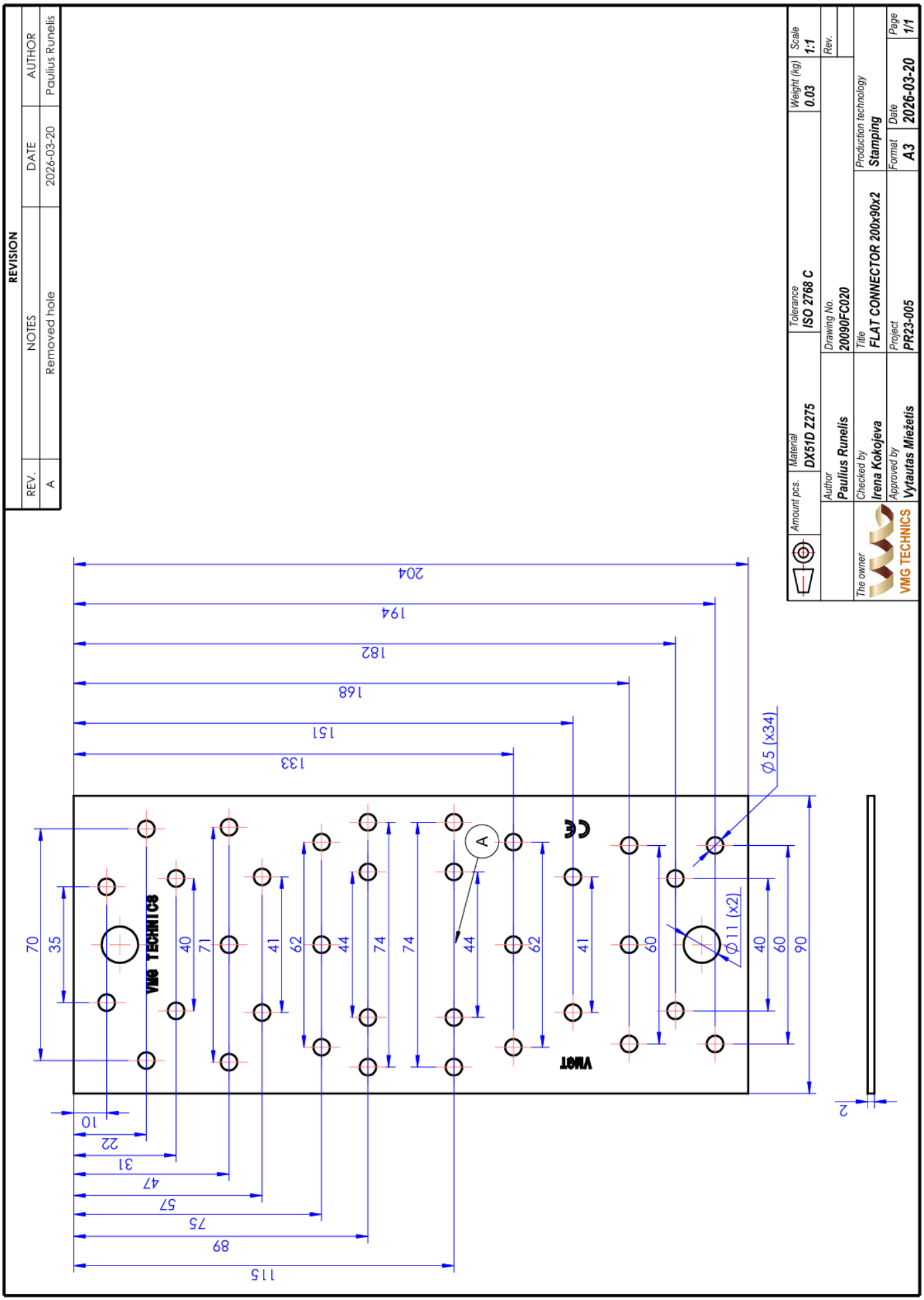
REVISION

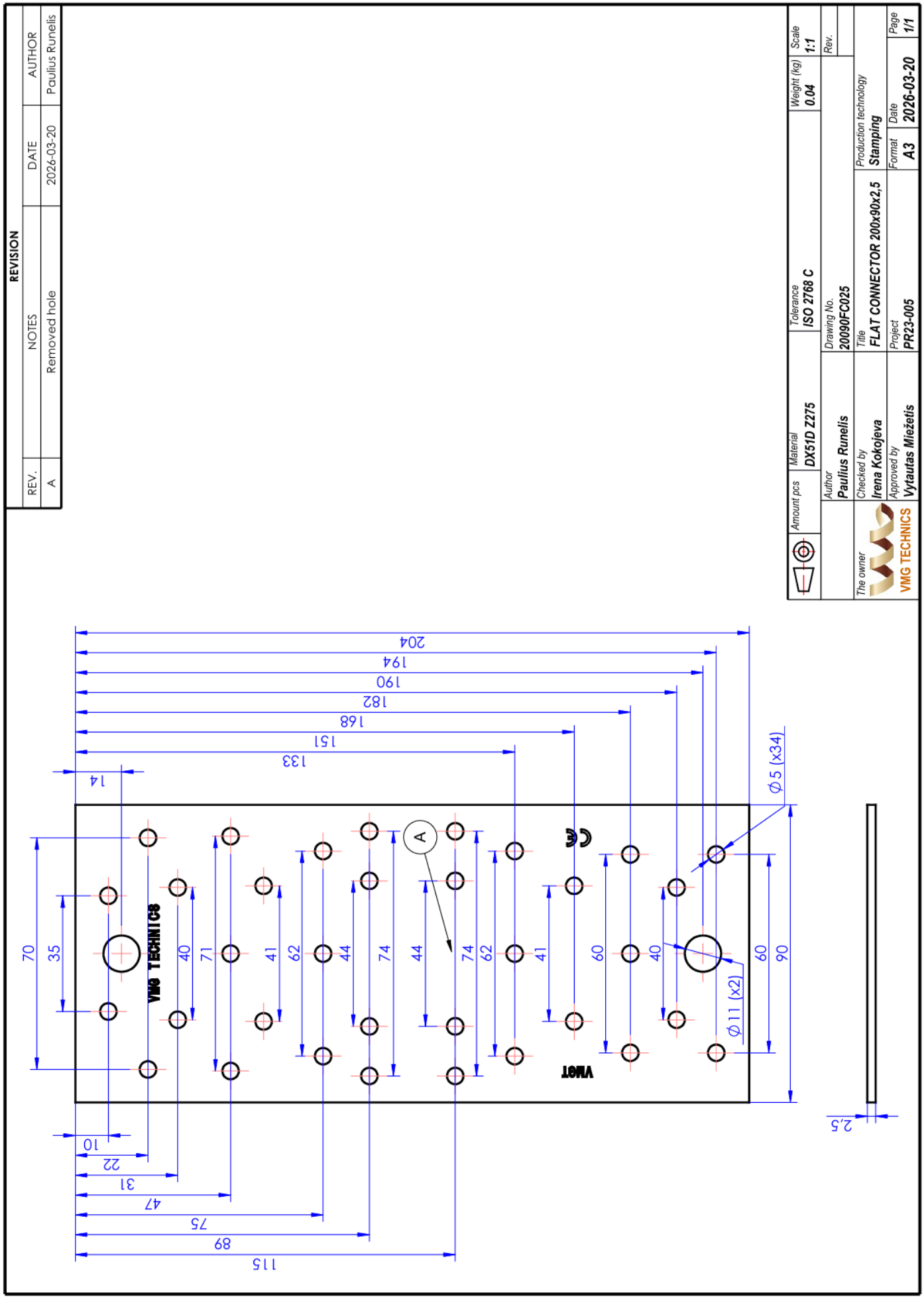
REV.	NOTES	DATE	AUTHOR

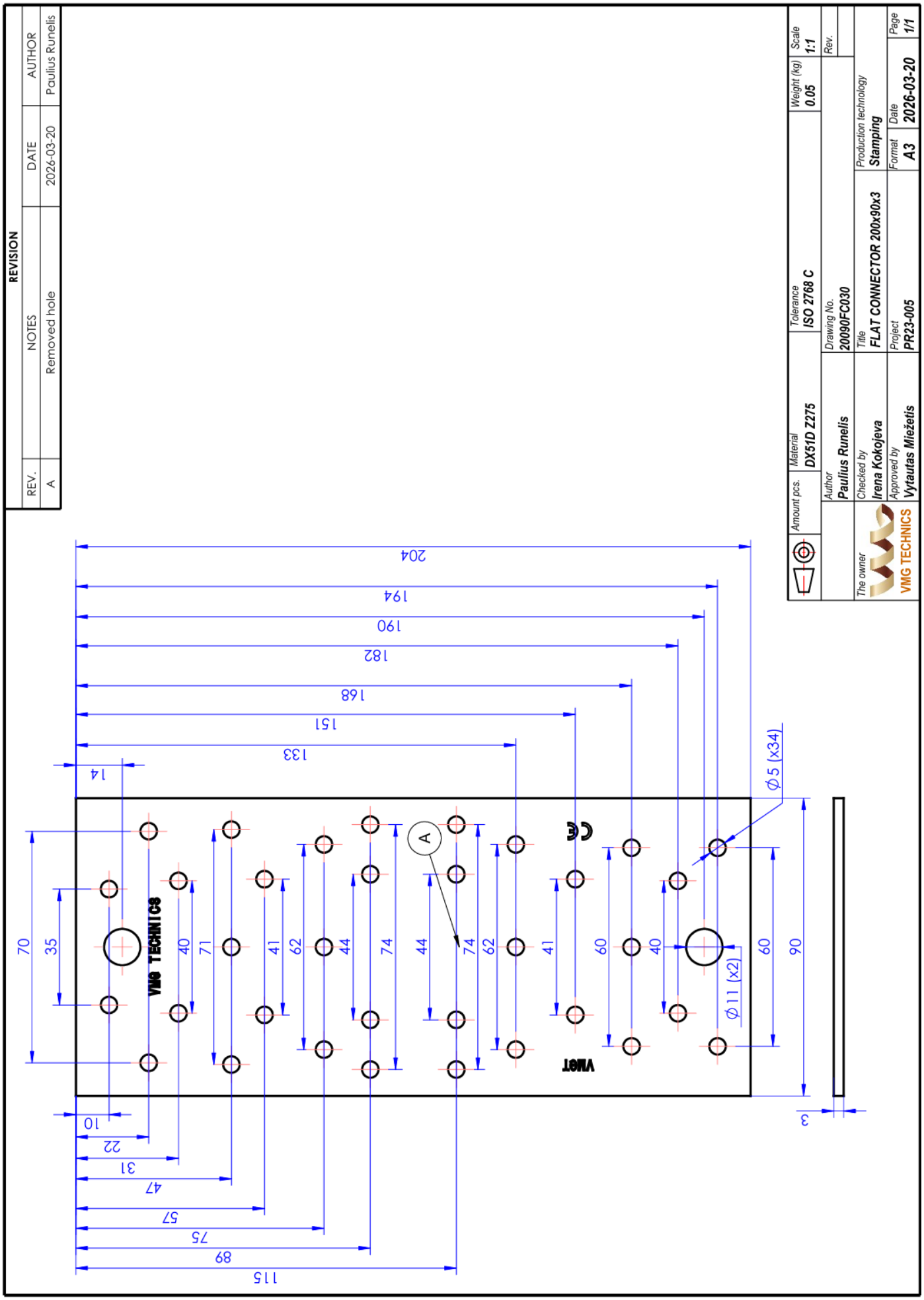




Amount pcs.	Material: DX51D + Z275	Tolerance: ISO 2768 C				Weight (kg): 0.21	Scale: 1:1
	Author: Paulius Runelis	Drawing No.: 17565FC025					Rev.
	Checked by: Irena Kokojeva	Title: FLAT CONNECTOR 175x65x2.5				Production technology: Stamping	
The owner: VMG TECHNICS	Approved by: Vytautas Mieželis	Project: PR23-005				Format: A3	Date: 2025-10-22
							Page: 1/1


REVISION
REV. | NOTES | DATE | AUTHOR
A | Removed hole | 2026-03-20 | Paulius Runelis
Amount pcs.
Material DX51D Z275
Tolerance ISO 2768 C
Weight (kg) 0.03
Scale 1:1
Author Paulius Runelis
Drawing No. 20090FC020
Rev.
Checked by Irena Kokojeva
Title FLAT CONNECTOR 200x90x2
Production technology Stamping
Approved by Vytautas Mieželis
Project PR23-005
Format A3
Date 2026-03-20
Page 1/1
The owner VMG TECHNICS
204
194
182
168
151
133
Ø5 (x34)
Ø11 (x2)
A
VMG TECHNICS
70
35
40
71
41
62
44
74
74
44
62
41
60
40
60
90
2
10
22
31
47
57
75
89
115


REVISION
REV. | NOTES | DATE | AUTHOR
A | Removed hole | 2026-03-20 | Paulius Runelis
Amount pcs
Material DX51D Z275
Tolerance ISO 2768 C
Weight (kg) 0.04
Scale 1:1
Author Paulius Runelis
Drawing No. 20090FC025
Rev.
Checked by Irena Kokojeva
Title FLAT CONNECTOR 200x90x2,5
Production technology Stamping
The owner VMG TECHNICS
Approved by Vytautas Mieželis
Project PR23-005
Format A3
Date 2026-03-20
Page 1/1
204
194
190
182
168
151
133
14
Ø5 (x34)
70
35
40
71
41
62
44
74
44
74
62
41
60
40
Ø11 (x2)
60
90
VMG TECHNICS
A
10
22
31
47
75
89
115
2,5


REVISION
REV. | NOTES | DATE | AUTHOR
A | Removed hole | 2026-03-20 | Paulius Runelis
Amount pcs.
Material DX51D Z275
Tolerance ISO 2768 C
Weight (kg) 0.05
Scale 1:1
Rev.
Author Paulius Runelis
Drawing No. 20090FC030
Checked by Irena Kokojeva
Title FLAT CONNECTOR 200x90x3
Production technology Stamping
Approved by Vytautas Miežetis
Project PR23-005
Format A3
Date 2026-03-20
Page 1/1
The owner VMG TECHNICS
204
194
190
182
168
151
133
14
Ø5 (x34)
70
35
40
71
41
62
44
74
A
Ø11 (x2)
60
90
10
22
31
47
57
75
89
115
3
VMG TECHNICS

SSAB

TEST REPORT

FI 13300 HÄMEENLINNA FINLAND
Tel.+358 20 5911

EN 10 204/2.2 | 40705G-01 | 24

Purchaser *

VMG TECHNICS UAB

LIEPU G. 68

92100 KLAIPEDA LITHUANIA

Consignee

VMG TECHNICS UAB

PRAMONES G. 14

92498 DIRVUPIAI LITHUANIA

Date
15.5.2025

Customer's Order
PIVEK0084747

Order Confirmation
40705G

Type of certificate
EN 10 204/2.2

Mark

Item	Specification, dimensions	Lift no.	Cast nr	Pcs	Quantity KG	Weight kg
	HOT-DIP ZINC COATED WIDE STEEL STRIP TOLERANCES : EN 10143:2006 BENDING AND PROFILING QUALITY DX51D+Z275-M-A-C EN 10346:2015 EN ISO 6892-1					
001	2,00 X 1420,0 MM	56892001	73689	001	12230	12220
		56892002	73689	001	12170	12160
	POS 001 IN TOTAL	2 *			24400	24380
	DELIVERY IN TOTAL	2 *			24400	24380
	PART DELIVERY					

Hereby we certify that the delivery corresponds to the order confirmation.

We hereby certify, that the material described above has been tested and complies with the terms of the order contract.

SSAB Europe Oy, Raahe Analysis Laboratories T010 and Hämeenlinna Works testing laboratory T057 are accredited by the FINAS accreditation Service (finas.fi) accreditation requirement SFS-EN ISO/IEC 17025.

SSAB EUROPE OY
Testing and inspection, Hämeenlinna
15.5.2025
Mari Koivisto
Mari Koivisto
Authorized inspection representative

SSAB

TEST REPORT

FI 13300 HÄMEENLINNA FINLAND
Tel.+358 20 5911

EN 10 204/2.2 | 40705G-01 | 24

Purchaser *

VMG TECHNICS UAB

LIEPU G. 68

92100 KLAIPEDA LITHUANIA

Consignee

VMG TECHNICS UAB

PRAMONES G. 14

92498 DIRVUPIAI LITHUANIA

Date
15.5.2025

Item	Lift no.	Chemical composition of cast % C	SI	MN	P	S	TI
001	56892001	,08	,022	,30	,008	,010	,001
001	56892002	,08	,022	,30	,008	,010	,001

Hereby we certify that the delivery corresponds to the order confirmation.

We hereby certify, that the material described above has been tested and complies with the terms of the order contract.

SSAB EUROPE OY
Testing and inspection, Hämeenlinna
15.5.2025
Mari Koivisto
Mari Koivisto
Authorized inspection representative

SSAB

TEST REPORT

FI 13300 HÄMEENLINNA FINLAND
Tel.+358 20 5911

EN 10 204/2.2 | 40705G-01 | 24

Purchaser *

VMG TECHNICS UAB

LIEPU G. 68

92100 KLAIPEDA LITHUANIA

Consignee

VMG TECHNICS UAB

PRAMONES G. 14

92498 DIRVUPIAI LITHUANIA

Date
15.5.2025

Item	Lift no.	Tensile test									Hardness	
		K1	Re N/mm^2	Rm N/mm^2	L0 mm	A %		BH	AI		HRB	HR30T
001	56892001	10	295	387	80	33						
001	56892002	10	295	387	80	33						

K1 10 = Transverse rectangular test piece 11 = Longitudinal rectangular test piece 13 = The weighted average of n- and r-values

Re = Yield strenght according to the steel standard

Hereby we certify that the delivery corresponds to the order confirmation.

We hereby certify, that the material described above has been tested and complies with the terms of the order contract.

SSAB EUROPE OY
Testing and inspection, Hämeenlinna
15.5.2025
Mari Koivisto
Mari Koivisto
Authorized inspection representative

SSAB

SSAB EUROPE OY, HÄMEENLINNAN TEHDAS, HARVIALANTIE 420, 13300 HÄMEENLINNA FINLAND, Tel: +358205911 A01

Inspection certificate A02	Issuing department A05	Purchaser order no A07	Our Order No. A08	Consignment no A19	Certificate no and date A03
EN 10 204/2.2	Quality inspection	PIVEK0088387	49121G 01		49121G 01 09.01.2026

Purchaser A11	Consignee A06	Customer marks B15
8430535 VMG TECHNICS UAB LIEPU G. 68 92100 KLAIPEDA LITHUANIA	8430549 VMG TECHNICS UAB PRAMONES G. 14 92498 DIRVUPIAI LITHUANIA	

Metres B18	Weight [kg] B13	Quantity B08	Bundles B17	Square metres B19
	20220	2		

Order line	Product	Dimensions [mm]	Weight [kg]	Steel grade	Standard/rules	Article no customer	Customer marks	Mark
002	HOT-DIP ZINC COATED WIDE STEEL STRIP, BENDING AND PROFILING QUALITY	T:2,5 W:1 120	20 220	DX51D+Z275-M-A-C	EN 10346:2015	10-MR2.5X1120-DX51D	10-MR2.5X1120-DX51D	

Tolerances

Thickness: EN 10143:2006 -0.16/ +0.16

Width: EN 10143:2006

Length: EN 10143:2006

EN 10143:2006 = Normal tolerances; EN 10143:2006 S = Special tolerances; -x.xx/+x.xx, = Customer specific tolerances

Package ID	Product ID	Heat No.	Tensile test ID	Pcs	Weight [kg]	Square metres	Production date	Country of origin	Country of melt and pour
	86172001	87477	6697470	1	10 080		4.1.2026	FINLAND	FINLAND
	86172002	87477	6697470	1	10 140		4.1.2026	FINLAND	FINLAND

Chemical composition % C71-C92 C93-C99

Heat No.	C	SI	MN	P	S	TI
87477	0.05	0.013	0.20	0.013	0.009	0.001

Z01 It is hereby certified that the material described above complies with the requirements of the order.

Z04

SSAB EUROPE OY Z02
Testing and inspection, Hämeenlinna
Mari Koivisto
Quality Inspection Department/
Mari Koivisto

Z07 SSAB Europe Oy, Raahe Analysis Laboratories T010 and Hämeenlinna Works testing laboratory T057 are accredited by the FINAS accreditation Service (finas.fi) accreditation requirement SFS-EN ISO/IEC 17025.

eurofins | Expert Services

Test report no EUFI29-26000748-T1

APPENDIX 3
4 (7)

SSAB

SSAB EUROPE OY, HÄMEENLINNAN TEHDAS, HARVIALANTIE 420, 13300 HÄMEENLINNA FINLAND, Tel: +358205911 A01

Inspection certificate A02	Issuing department A05	Purchaser order no A07	Our Order No. A08	Consignment no A19	Certificate no and date A03
EN 10 204/2.2	Quality inspection	PIVEK0088387	49121G 01		49121G 01 09.01.2026

Test type C04	C05 K1	C02 Sample direction	B05 Treatment	C10 Specimen type
Tensile test	10	Transverse	AsDelivered	EN ISO 6892-1

Test results Sample ID C00	C11 Re [N/mm²]	C12 Rm [N/mm²]	C13 L0 [mm]	C13 A [%]
6697470	290	376	80	34

K1: 10 = Transverse rectangular test piece; 11 = Longitudinal rectangular test piece; 13 = The weighted average of n- and r-values.

Metal coating

DX51D+Z275-M-A-C

EN 10346:2015

C66

Weight of Zinc-coating

Product ID	1spot [g/m²]	3spot [g/m²]
86172001	271	283
86172002	276	289

Z01 It is hereby certified that the material described above complies with the requirements of the order.

Z04

Z02 **SSAB EUROPE OY**
Testing and inspection, Hämeenlinna
Mari Koivisto
Quality Inspection Department/
Mari Koivisto

Z07 SSAB Europe Oy, Raahe Analysis Laboratories T010 and Hämeenlinna Works testing laboratory T057 are accredited by the FINAS accreditation Service (finas.fi) accreditation requirement SFS-EN ISO/IEC 17025.

ArcelorMittal

ArcelorMittal Bremen GmbH
Postfach
28222 BREMEN
Carl-Benz-Strasse 30
28237 BREMEN
Telefon 0421/6480
Telefax 0421/6482251

A02 CERTIFICATE

A03 Page: 01/ 02
20260006973-00

Test report 2.2 chem.+ mech. EN 10204

A05 ORIGINATOR OF THE DOCUMENT
ArcelorMittal Bremen GmbH
Carl-Benz-Straße 30, 28237 Bremen
zeugnisse.bremen@arcelormittal.com
Telefon 0421/6482813

A09 DISPATCH NOTE **0000687307**
DATE 28.01.2026

A08.1 MANUFACTURER'S ORDER NR **2593211**
DATE 30.07.2025
AGENCY'S ORDER NR. 0930340585020

A07 CUSTOMER'S ORDER NUMBER
HDG SWB 11 2025 30-07-2025/HDG

A10 PART NUMBER
DX51D+Z275 EKO 2.2

A06.1 CUSTOMER
FINCO-STAL SERWIS sp. z o.o. sp.k

Nowa Bukowka ul. Skulska 7
96-321 ZABIA WOLA
Polen

A06.2 CONSIGNEE
FINCO-STAL SERWIS sp. z o.o. sp.k

Nowa Bukowka ul. Skulska 7
96-321 ZABIA WOLA
Polen

PRODUCT: **hot dip galv. coil** QUALITY: **DX51D+Z** STANDARD: **EN 10346:2015**
TERMS OF DELIVERY: **EN 10143 (2006) norm.tol.**
volle Toleranz n. Norm

JITZ 1.88

ArcelorMittal Bremen GmbH, Postfach , 28222 BREMEN

FINCO-STAL SERWIS sp. z o.o. sp.k

Nowa Bukowka ul. Skulska 7

96-321 ZABIA WOLA

Polen

ArcelorMittal Bremen GmbH
Postfach
28222 BREMEN
Carl-Benz-Strasse 30
28237 BREMEN
Telefon 0421/6480
Telefax 0421/6482251

A02 CERTIFICATE

A03 Page: 02/ 02
20260006973-00

Test report 2.2 chem.+ mech. EN 10204

A09 DISPATCH NOTE **0000687307**
DATE 28.01.2026

A08.1 MANUFACTURER'S ORDER NR **2593211**
DATE 30.07.2025
AGENCY'S ORDER NR. 0930340585020

A05 ORIGINATOR OF THE DOCUMENT
ArcelorMittal Bremen GmbH
Carl-Benz-Straße 30, 28237 Bremen
zeugnisse.bremen@arcelormittal.com
Telefon 0421/6482813

A07 CUSTOMER'S ORDER NUMBER
HDG SWB 11 2025 30-07-2025/HDG

A10 PART NUMBER
DX51D+Z275 EKO 2.2

A06.1 CUSTOMER
FINCO-STAL SERWIS sp. z o.o. sp.k

Nowa Bukowka ul. Skulska 7
96-321 ZABIA WOLA
Polen

A06.2 CONSIGNEE
FINCO-STAL SERWIS sp. z o.o. sp.k

Nowa Bukowka ul. Skulska 7
96-321 ZABIA WOLA
Polen

DX51D+Z275-M-A-C

PRODUCT: **hot dip galv. coil** QUALITY: **DX51D+Z** STANDARD: **EN 10346:2015**
TERMS OF DELIVERY: **EN 10143 (2006) norm.tol.**
volle Toleranz n. Norm

JITZ 1.88

A08.2 ITEM	B09 THICKNES mm	B10 WIDTH mm
20	3.00	1250.00

CHEMICAL ANALYSIS

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B07.2 HEAT	C71 C %	C73 Si %	C72 Mn %	C74 P %	C75 S %	C81 Cu %	C77 Al %	C76 N %	C83 B %	C84 V %	C78 Ti %	C82 Nb %	C79 Cr %	C80 Ni %	C85 Mo %
20	**558863**	505	11120	**719929**	.0661	.0056	.3151	.0156	.0095	.0189	.0308	.0058	.0001	0.000	.0007	0.000	.0209	.0233	.0021
	558864	506	11330	**719929**	.0661	.0056	.3151	.0156	.0095	.0189	.0308	.0058	.0001	0.000	.0007	0.000	.0209	.0233	.0021
	2		22450																
TOTAL	2		22450																

TENSILE TEST

A08.2 ITEM	B07.1 COILNO	B07.1 PART	B13 WEIGHT kg	B07.2 HEAT	C02 PR °	C04 MAZ	C03 Temp °C	C11 yield p. Re MPa	C12 strength Rm MPa	C13 A_{80mm} %
20	**558863**	505	11120	**719929**	90	F	20	305	395	32
	558864	506	11330	**719929**	90	F	20	305	396	32
	2		22450							
TOTAL	2		22450							

Adherence test results are satisfactory.
We certify hereby that the delivery complies with the above mentioned specification.

BREMEN 28.01.2026

QUALITY DEPARTMENT
SITE EXPERT FOR INSPECTION
Merrath

C02 test direction
relating to rolling direction (0°= L; 90°= T)

C04 specimen condition
V:aged F:fresh N:normalised