

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). ▶ Complete all entries in accordance with the instructions to the Form 5500.	OMB Nos. 1210-0110 1210-0089 2023 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023	
A	This return/report is for: ☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must provide participating employer information in accordance with the form instructions.) ☒ a single-employer plan ☐ a DFE (specify) _____ ☐ the first return/report ☐ the final return/report ☐ an amended return/report ☐ a short plan year return/report (less than 12 months)
C	If the plan is a collectively-bargained plan, check here. ▶ ☐
D	Check box if filing under: ☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)
E	If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. ▶ ☐

Part II	Basic Plan Information—enter all requested information
1a	Name of plan HEIDENHAIN CORPORATION 401(K) SAVINGS PLAN
1b	Three-digit plan number (PN) ▶ 002
1c	Effective date of plan 04/01/1991
2a	Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) HEIDENHAIN CORPORATION 333 EAST STATE PARKWAY SCHAUMBURG, IL 60173-5337
2b	Employer Identification Number (EIN) 36-2584485
2c	Plan Sponsor's telephone number 847-490-1191
2d	Business code (see instructions) 339900

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	10/01/2024	DAVID DOYLE
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	10/01/2024	DAVID DOYLE
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

3a Plan administrator's name and address ☒ Same as Plan Sponsor	3b Administrator's EIN 3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name	4b EIN 4d PN
5 Total number of participants at the beginning of the plan year	5 295
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d). a(1) Total number of active participants at the beginning of the plan year a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits c Other retired or separated participants entitled to future benefits d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits f Total. Add lines 6d and 6e g(1) Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item) g(2) Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	6a(1) 143 6a(2) 146 6b 0 6c 121 6d 267 6e 5 6f 272 6g(1) 272 6g(2) 271 6h 7
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	7

8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:

2E 2F 2G 2J 2K 2S 2T 3D

b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:

9a Plan funding arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
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10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

a Pension Schedules

- (1) ☒ **R** (Retirement Plan Information)
- (2) ☐ **MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
- (3) ☐ **SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary
- (4) ☐ **DCG** (Individual Plan Information) – Number Attached 0
- (5) ☐ **MEP** (Multiple-Employer Retirement Plan Information)

b General Schedules

- (1) ☒ **H** (Financial Information)
- (2) ☐ **I** (Financial Information – Small Plan)
- (3) ☒ **A** (Insurance Information) – Number Attached 1
- (4) ☒ **C** (Service Provider Information)
- (5) ☒ **D** (DFE/Participating Plan Information)
- (6) ☐ **G** (Financial Transaction Schedules)

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2023 Form M-1 annual report. If the plan was not required to file the 2023 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

SCHEDULE A (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Insurance Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500. ▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110 2023 This Form is Open to Public Inspection
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For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan HEIDENHAIN CORPORATION 401(K) SAVINGS PLAN	B Three-digit plan number (PN) ▶	002
C Plan sponsor's name as shown on line 2a of Form 5500 HEIDENHAIN CORPORATION	D Employer Identification Number (EIN) 36-2584485	

Part I	Information Concerning Insurance Contract Coverage, Fees, and Commissions	Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.
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1 Coverage Information:

(a) Name of insurance carrier
PRINCIPAL LIFE INSURANCE COMPANY

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
42-0127290	61271	315050	272	01/01/2023	12/31/2023

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.

(a) Total amount of commissions paid	(b) Total amount of fees paid
0	0

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4 Current value of plan's interest under this contract in the general account at year end	4	2362
5 Current value of plan's interest under this contract in separate accounts at year end.....	5	26080303

6 Contracts With Allocated Funds:**a** State the basis of premium rates ▶**b** Premiums paid to carrier**6b****c** Premiums due but unpaid at the end of the year.....**6c****d** If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount.**6d**

Specify nature of costs ▶

e Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity(3) ☐ other (specify) ▶**f** If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ☐**7** Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)

a Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee
 (3) ☐ guaranteed investment (4) ☒ other ▶ FLEXIBLE INVESTMENT ANNUITY

b Balance at the end of the previous year**7b****c** Additions: (1) Contributions deposited during the year**7c(1)**

(2) Dividends and credits

7c(2)

(3) Interest credited during the year

7c(3)

(4) Transferred from separate account.....

7c(4)

2362

(5) Other (specify below)

7c(5)

(6) Total additions.....

7c(6)

2362

d Total of balance and additions (add lines **7b** and **7c(6)**)**7d**

2362

e Deductions:

(1) Disbursed from fund to pay benefits or purchase annuities during year

7e(1)

(2) Administration charge made by carrier

7e(2)

(3) Transferred to separate account.....

7e(3)

(4) Other (specify below)

7e(4)

(5) Total deductions.....

7e(5)**f** Balance at the end of the current year (subtract line **7e(5)** from line **7d**)**7f**

2362

Part III Welfare Benefit Contract Information

If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

8 Benefit and contract type (check all applicable boxes)

- a** ☐ Health (other than dental or vision)
b ☐ Dental
c ☐ Vision
d ☐ Life insurance
e ☐ Temporary disability (accident and sickness)
f ☐ Long-term disability
g ☐ Supplemental unemployment
h ☐ Prescription drug
i ☐ Stop loss (large deductible)
j ☐ HMO contract
k ☐ PPO contract
l ☐ Indemnity contract
m ☐ Other (specify) ▶

9 Experience-rated contracts:

a Premiums: (1) Amount received	9a(1)		
(2) Increase (decrease) in amount due but unpaid.....	9a(2)		
(3) Increase (decrease) in unearned premium reserve	9a(3)		
(4) Earned ((1) + (2) - (3)).....		9a(4)	
b Benefit charges (1) Claims paid.....	9b(1)		
(2) Increase (decrease) in claim reserves	9b(2)		
(3) Incurred claims (add (1) and (2)).....		9b(3)	
(4) Claims charged		9b(4)	
c Remainder of premium: (1) Retention charges (on an accrual basis) --			
(A) Commissions	9c(1)(A)		
(B) Administrative service or other fees	9c(1)(B)		
(C) Other specific acquisition costs	9c(1)(C)		
(D) Other expenses	9c(1)(D)		
(E) Taxes	9c(1)(E)		
(F) Charges for risks or other contingencies.....	9c(1)(F)		
(G) Other retention charges	9c(1)(G)		
(H) Total retention		9c(1)(H)	
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.).....		9c(2)	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement		9d(1)	
(2) Claim reserves		9d(2)	
(3) Other reserves.....		9d(3)	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line 9c(2).)		9e	

10 Nonexperience-rated contracts:

a Total premiums or subscription charges paid to carrier	10a	
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount	10b	

Specify nature of costs.

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A?..... ☐ Yes ☒ No

12 If the answer to line 11 is "Yes," specify the information not provided. ▶

SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2023
		This Form is Open to Public Inspection.

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023

A Name of plan HEIDENHAIN CORPORATION 401(K) SAVINGS PLAN	B Three-digit plan number (PN) ▶ 002
C Plan sponsor's name as shown on line 2a of Form 5500 HEIDENHAIN CORPORATION	D Employer Identification Number (EIN) 36-2584485

Part I

Service Provider Information (see instructions)

You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1

Information on Persons Receiving Only Eligible Indirect Compensation

- a

Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions).....

X

Yes

No
- b

If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b)	Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
PRINCIPAL LIFE INSURANCE COMPANY	
42-0127290	

(b)	Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
-----	--

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-----	--

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2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

PRINCIPAL LIFE INSURANCE COMPANY

42-0127290

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
13 37 50 64	CONTRACT ADMINISTRATOR	92212	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

(a) Enter name and EIN or address (see instructions)

UBS FINANCIAL SERVICES INC

13-2638166

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
27 99	INVESTMENT ADVISORY	0	Yes ☒ No ☐	Yes ☐ No ☒	43189	Yes ☐ No ☒

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
UBS FINANCIAL SERVICES INC	27 99	43189
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
PRINCIPAL LIFE INSURANCE COMPANY 42-0127290	INVESTMENT ADVISORY (PLAN)	

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)
(complete as many entries as needed)

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

SCHEDULE D (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration	DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2023 This Form is Open to Public Inspection.
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For calendar plan year 2023 or fiscal plan year beginning **01/01/2023** and ending **12/31/2023**

A Name of plan HEIDENHAIN CORPORATION 401(K) SAVINGS PLAN	B Three-digit plan number (PN) ►	002
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 HEIDENHAIN CORPORATION	D Employer Identification Number (EIN) 36-2584485	

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
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a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN MIDCAP GROWTH SEP ACCT-Z				
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY				
c EIN-PN 42-0127290-021	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 3438937		
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN CORE PLUS BOND SEP ACCT-Z				
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY				
c EIN-PN 42-0127290-005	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1251208		
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN MIDCAP VALUE I SA-Z				
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY				
c EIN-PN 42-0127290-043	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 369821		
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LARGE CAP GROWTH I SA-Z				
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY				
c EIN-PN 42-0127290-066	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 5579705		
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETM 2010 SEP ACCT-Z				
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY				
c EIN-PN 42-0127290-075	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 0		
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME 2020 SEP ACCT-Z				
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY				
c EIN-PN 42-0127290-076	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 369860		
a Name of MTIA, CCT, PSA, or 103-12 IE: PRINL LIFETIME 2030 SEP ACCT-Z				
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY				
c EIN-PN 42-0127290-077	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2610517		

a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME 2040 SEP ACCT-Z		
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY		
c EIN-PN 42-0127290-078	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 742801
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME 2050 SEP ACCT-Z		
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY		
c EIN-PN 42-0127290-079	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 561601
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME STRAT INC SA-Z		
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY		
c EIN-PN 42-0127290-080	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 35535
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN SMCAP VALUE II SEP ACCT-Z		
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY		
c EIN-PN 42-0127290-096	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 968991
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN SAM BALANCED SEP ACCT-Z		
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY		
c EIN-PN 42-0127290-105	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 677688
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN SAM CONS BALANCED SA-Z		
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY		
c EIN-PN 42-0127290-106	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 19634
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN SAM CONS GROWTH SA-Z		
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY		
c EIN-PN 42-0127290-107	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2903561
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN SAM FLEXIBLE INCOME SA-Z		
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY		
c EIN-PN 42-0127290-108	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 158031
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN SAM STRAT GROWTH SA-Z		
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY		
c EIN-PN 42-0127290-109	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 692239
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME 2015 SEP ACCT-Z		
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY		
c EIN-PN 42-0127290-110	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 32256

a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME 2025 SEP ACCT-Z			
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY			
c EIN-PN 42-0127290-111	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 966233	

a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME 2035 SEP ACT-Z			
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY			
c EIN-PN 42-0127290-112	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1623954	

a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME 2045 SEP ACCT-Z			
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY			
c EIN-PN 42-0127290-113	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 660851	

a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME 2055 SEP ACCT-Z			
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY			
c EIN-PN 42-0127290-114	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 375942	

a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN CORE FIX INC SEP ACCT-Z			
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY			
c EIN-PN 42-0127290-118	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 933555	

a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN CAPITAL APPR SA-Z			
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY			
c EIN-PN 42-0127290-119	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 825059	

a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME 2060 SEP ACCT-Z			
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY			
c EIN-PN 42-0127290-130	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 233294	

a Name of MTIA, CCT, PSA, or 103-12 IE: PRINCIPAL STABLE VALUE Z FUND			
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO			
c EIN-PN 93-6274328-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2961397	

a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME 2065 SEP ACCT-Z			
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY			
c EIN-PN 42-0127290-173	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 33791	

a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETM 2070 SEP ACCT-Z			
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY			
c EIN-PN 42-0127290-179	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 16140	

Part II Information on Participating Plans (to be completed by DFEs, other than DCGs)

(Complete as many entries as needed to report all participating plans. DCGs must report each participating plan using Schedule DCG.)

a Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
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plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110
		2023
		This Form is Open to Public Inspection

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan HEIDENHAIN CORPORATION 401(K) SAVINGS PLAN	B Three-digit plan number (PN) ►	002
C Plan sponsor's name as shown on line 2a of Form 5500 HEIDENHAIN CORPORATION	D Employer Identification Number (EIN) 36-2584485	

Part I	Asset and Liability Statement
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1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. **Round off amounts to the nearest dollar.** MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.

Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)		
(2) Participant contributions	1b(2)		
(3) Other	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)		
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans	1c(8)	297337	334330
(9) Value of interest in common/collective trusts	1c(9)	4747135	2961397
(10) Value of interest in pooled separate accounts	1c(10)	22020085	26080303
(11) Value of interest in master trust investment accounts	1c(11)		
(12) Value of interest in 103-12 investment entities	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds)	1c(13)	14748644	16565054
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)		2362
(15) Other	1c(15)		

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)		
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	41813201	45943446
Liabilities			
g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j		
k Total liabilities (add all amounts in lines 1g through 1j)	1k	0	0
Net Assets			
l Net assets (subtract line 1k from line 1f)	1l	41813201	45943446

Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

Income		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	843698	
(B) Participants	2a(1)(B)	1145880	
(C) Others (including rollovers)	2a(1)(C)	65383	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		2054961
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)		
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)		
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)	20390	
(F) Other	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		20390
(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	349164	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		349164
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)		
(B) Aggregate carrying amount (see instructions)	2b(4)(B)		
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)		
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts.....	2b(6)		106685
(7) Net investment gain (loss) from pooled separate accounts.....	2b(7)		4449136
(8) Net investment gain (loss) from master trust investment accounts.....	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities.....	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		2223054
c Other income	2c		4618
d Total income. Add all income amounts in column (b) and enter total	2d		9208008

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	4985551	
(2) To insurance carriers for the provision of benefits.....	2e(2)		
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		4985551
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense	2h		
i Administrative expenses:			
(1) Salaries and allowances	2i(1)		
(2) Contract administrator fees.....	2i(2)	92212	
(3) Recordkeeping fees.....	2i(3)		
(4) IQPA audit fees.....	2i(4)		
(5) Investment advisory and investment management fees	2i(5)		
(6) Bank or trust company trustee/custodial fees	2i(6)		
(7) Actuarial fees	2i(7)		
(8) Legal fees	2i(8)		
(9) Valuation/appraisal fees	2i(9)		
(10) Other trustee fees and expenses	2i(10)		
(11) Other expenses	2i(11)		
(12) Total administrative expenses. Add lines 2i(1) through (11)	2i(12)		92212
j Total expenses. Add all expense amounts in column (b) and enter total	2j		5077763

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		4130245
l Transfers of assets:			
(1) To this plan	2l(1)		
(2) From this plan	2l(2)		

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) ☒ Unmodified (2) ☐ Qualified (3) ☐ Disclaimer (4) ☐ Adverse

b Check the appropriate box(es) to indicate whether the IQPA performed an ERISA section 103(a)(3)(C) audit. Check both boxes (1) and (2) if the audit was performed pursuant to both 29 CFR 2520.103-8 and 29 CFR 2520.103-12(d). Check box (3) if pursuant to neither.

(1) ☒ DOL Regulation 2520.103-8 (2) ☐ DOL Regulation 2520.103-12(d) (3) ☐ neither DOL Regulation 2520.103-8 nor DOL Regulation 2520.103-12(d).

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: **PLANTE & MORAN, PLLC**

(2) EIN: **38-1357951**

d The opinion of an independent qualified public accountant is **not attached** as part of Schedule H because:

(1) ☐ This form is filed for a CCT, PSA, DCG or MTIA. (2) ☐ It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l. DCGs do not complete lines 4e, 4f, 4k, 4l, and 5, and DCGs generally complete the rest of Part IV collectively for all plans in the DCG, except as otherwise provided (see instructions).

During the plan year:

	Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)	☒	☐	388
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)	☐	☒	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)	☐	☒	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)	☐	☒	
e Was this plan covered by a fidelity bond?	☒	☐	500000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	☐	☒	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?	☐	☒	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?	☐	☒	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	☒	☐	
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)	☐	☒	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	☐	☒	
l Has the plan failed to provide any benefit when due under the plan?	☐	☒	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	☐	☒	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.	☐	☐	

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year? ☐ Yes ☒ No
If "Yes," enter the amount of any plan assets that reverted to the employer this year _____.

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)	5b(2) EIN(s)	5b(3) PN(s)

5c Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☐ Yes ☐ No ☐ Not determined

If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year _____.

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110 2023 This Form is Open to Public Inspection.
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For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan HEIDENHAIN CORPORATION 401(K) SAVINGS PLAN	B Three-digit plan number (PN) 002	
C Plan sponsor's name as shown on line 2a of Form 5500 HEIDENHAIN CORPORATION	D Employer Identification Number (EIN) 36-2584485	

Part I	Distributions
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All references to distributions relate only to payments of benefits during the plan year.

1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....	1	0
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): 42-0127290 Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year	3	

Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)
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4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? If the plan is a defined benefit plan, go to line 8.	☐ Yes ☐ No ☐ N/A
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.	
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived)	6a
b Enter the amount contributed by the employer to the plan for this plan year	6b
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount)	6c
If you completed line 6c, skip lines 8 and 9.	
7 Will the minimum funding amount reported on line 6c be met by the funding deadline?	☐ Yes ☐ No ☐ N/A
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change?	☐ Yes ☐ No ☐ N/A

Part III	Amendments
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9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box.	☐ Increase ☐ Decrease ☐ Both ☐ No
---	--

Part IV	ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.
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10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?	☐ Yes ☐ No
11 a Does the ESOP hold any preferred stock?	☐ Yes ☐ No
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.)	☐ Yes ☐ No
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?	☐ Yes ☐ No

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that (1) contributed more than 5% of total contributions to the plan during the plan year or (2) was one of the top-ten highest contributors (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

14 Enter the number of deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for:		
a The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: ☐ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment)	14a	
b The plan year immediately preceding the current plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	14b	
c The second preceding plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	14c	
15 Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:		
a The corresponding number for the plan year immediately preceding the current plan year	15a	
b The corresponding number for the second preceding plan year	15b	
16 Information with respect to any employers who withdrew from the plan during the preceding plan year:		
a Enter the number of employers who withdrew during the preceding plan year	16a	
b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers	16b	
17 If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment..... ☐		

Part VI	Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans
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18 If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment..... ☐	
19 If the total number of participants is 1,000 or more, complete lines (a) and (b):	
a Enter the percentage of plan assets held as: Public Equity: _____% Private Equity: _____% Investment-Grade Debt and Interest Rate Hedging Assets: _____% High-Yield Debt: _____% Real Assets: _____% Cash or Cash Equivalents: _____% Other: _____%	
b Provide the average duration of the Investment-Grade Debt and Interest Rate Hedging Assets: ☐ 0-5 years ☐ 5-10 years ☐ 10-15 years ☐ 15 years or more	
20 PBGC missed contribution reporting requirements. If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20.	
a Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? ☐ Yes ☐ No	
b If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:	
☐ Yes.	
☐ No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.	
☐ No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.	
☐ No. Other. Provide explanation: _____	

Part VII	IRS Compliance Questions
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21a Does the plan satisfy the coverage and nondiscrimination tests of Code sections 410(b) and 401(a)(4) by combining this plan with any other plans under the permissive aggregation rules? ☐ Yes ☒ No	
21b If this is a Code section 401(k) plan, check all boxes that apply to indicate how the plan is intended to satisfy the nondiscrimination requirements for employee deferrals and employer matching contributions (as applicable) under Code sections 401(k)(3) and 401(m)(2).	
☒ Design-based safe harbor method	
☐ "Prior year" ADP test	
☒ "Current year" ADP test	
☐ N/A	
22 If the plan sponsor is an adopter of a pre-approved plan that received a favorable IRS Opinion Letter, enter the date of the Opinion Letter <u>06 / 30 / 2020</u> (MM/DD/YYYY) and the Opinion Letter serial number <u>Q702476A</u> .	

Heidenhain Corporation 401(k) Savings Plan

Financial Report
December 31, 2023

Heidenhain Corporation 401(k) Savings Plan

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Independent Auditor's Report

To the Plan Administrator
Heidenhain Corporation 401(k) Savings Plan

Scope and Nature of the ERISA Section 103(a)(3)(C) Audits

We have performed audits of the financial statements of Heidenhain Corporation 401(k) Savings Plan (the "Plan"), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C) (ERISA Section 103(a)(3)(C) audit). The financial statements comprise the statement of net assets available for benefits as of December 31, 2023 and 2022 and the related statement of changes in net assets available for benefits for the year ended December 31, 2023 and the related notes to the financial statements.

Management, having determined it is permissible in the circumstances, elected to have the audits of the Plan's financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's (DOL) Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audits need not extend to any statements or information related to assets held for investment of the Plan (investment information) by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency, provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the DOL's Rules and Regulations for Reporting and Disclosure under ERISA (qualified institution).

Management has obtained certifications from qualified institutions as of December 31, 2023 and 2022 and for the year ended December 31, 2023 stating that the certified investment information, as described in Note 3 to the financial statements, is complete and accurate.

Opinion

In our opinion, based on our audits and on the procedures performed as described in the *Auditor's Responsibilities for the Audits of the Financial Statements* section:

- The amounts and disclosures in the accompanying financial statements, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America (GAAP).
- The information in the accompanying financial statements related to assets held by and certified to by qualified institutions agrees to, or is derived from, in all material respects, the information prepared and certified by institutions that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audits of the Financial Statements* section of our report. We are required to be independent of the Plan and to meet our other ethical responsibilities in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with GAAP and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error. Management's election of the ERISA Section 103(a)(3)(C) audit does not affect management's responsibility for the financial statements.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern within one year after the date that the financial statements are issued or available to be issued.

Management is also responsible for maintaining a current plan instrument, including all plan amendments; administering the Plan; and determining that the Plan's transactions that are presented and disclosed in the financial statements are in conformity with the Plan's provisions, including maintaining sufficient records with respect to each of the participants, to determine the benefits due or that may become due to such participants.

Auditor's Responsibilities for the Audits of the Financial Statements

Except as described in the *Scope and Nature of the ERISA Section 103(a)(3)(C) Audits* section of our report, our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and, therefore, is not a guarantee that audits conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing audits in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audits.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audits in order to design audit procedures that are appropriate in the circumstances but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for a reasonable period of time.

Our audits did not extend to the certified investment information except for obtaining and reading the certifications, comparing the certified investment information with the related information presented and disclosed in the financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of GAAP.

Accordingly, the objective of the ERISA Section 103(a)(3)(C) audit is not to express an opinion about whether the financial statements as a whole are presented fairly, in all material respects, in accordance with GAAP.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audits, significant audit findings, and certain internal control-related matters that we identified during the audits.

To the Plan Administrator
Heidenhain Corporation 401(k) Savings Plan

Supplemental Schedules Required by ERISA

The supplemental schedules of assets held at end of year as of December 31, 2023 and delinquent participant contributions for the year ended December 31, 2023 are presented for the purpose of additional analysis and are not a required part of the financial statements but are supplemental information required by the DOL's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information included in the supplemental schedules, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS. For information included in the supplemental schedules that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

In forming our opinion on the supplemental schedules, we evaluated whether the supplemental schedules, other than the information agreed to or derived from the certified investment information, including their form and content, are presented in conformity with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion:

- The form and content of the supplemental schedules, other than the information in the supplemental schedules that agreed to or is derived from the certified investment information, are presented, in all material respects, in conformity with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.
- The information in the supplemental schedules related to assets held by and certified to by qualified institutions agrees to, or is derived from, in all material respects, the information prepared and certified by institutions that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Plante & Moran, PLLC

Schaumburg, Illinois
August 2, 2024

Heidenhain Corporation 401(k) Savings Plan

Statement of Net Assets Available for Benefits

	December 31, 2023 and 2022	
	2023	2022
Assets		
Participant-directed investments at fair value (Note 5)	\$ 45,609,116	\$ 41,515,864
Participant notes receivable	334,330	297,337
Net Assets Available for Benefits	\$ 45,943,446	\$ 41,813,201

Heidenhain Corporation 401(k) Savings Plan

Statement of Changes in Net Assets Available for Benefits

Year Ended December 31, 2023

Additions

Contributions:

Employee	\$ 1,145,880
Employer	843,698
Rollovers	<u>65,383</u>

Total contributions 2,054,961

Investment income:

Interest and dividends	349,164
Net realized and unrealized gains on investments	<u>6,783,493</u>

Total investment income 7,132,657

Interest from participant notes receivable 20,390

Total additions 9,208,008

Deductions

Benefits paid directly to participants or beneficiaries	4,985,551
Administrative expenses	<u>92,212</u>

Total deductions 5,077,763

Net Increase

4,130,245

Net Assets Available for Benefits

Beginning of year 41,813,201

End of year \$ 45,943,446

December 31, 2023 and 2022

Note 1 - Plan Description

The following description of Heidenhain Corporation 401(k) Savings Plan (the "Plan") provides only general information. Participants should refer to the plan agreement for a more complete description of the Plan's provisions.

General

The Plan is a defined contribution plan covering all employees of Heidenhain Corporation, Inc.; E+E Elektronik Corporation; and MD Electronics, Inc. (collectively, the "Companies") who have completed 90 days of service. After 90 days, eligible employees are automatically enrolled at a contribution rate of 5 percent, with contributions invested in designated funds until changed by the participant. The contribution rate for participants who are automatically enrolled will automatically increase 1 percent each year thereafter, up to a maximum of 15 percent, unless the participant opts out of the Plan or changes his or her deferral rate. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA).

Contributions

Participants may contribute, under traditional or Roth provisions, up to 100 percent of their compensation, as defined by the Plan, limited to the maximum amount allowable under the Internal Revenue Service (IRS). Participants who have attained age 50 before the end of the plan year are eligible to make catch-up contributions. Participants may also contribute amounts representing distributions from other qualified defined contribution or defined benefit plans.

Certain participant contributions in 2017 were paid after the time frame required by the Department of Labor. The Companies remitted these contributions and their respective lost earnings to the Plan in 2023.

The Companies will match 100 percent of participant contributions up to 2 percent of compensation. Additional amounts may be contributed by the Companies at the discretion of the Companies' respective board of directors. For the year ended December 31, 2023, the boards determined that the discretionary contribution was 1 percent of eligible employee compensation. The required safe harbor contribution was 3 percent of eligible employee compensation for the year ended December 31, 2023. Participants direct the investment of their contributions into various investment options offered by the Plan. Contributions are subject to certain limitations.

Participant Accounts

Each participant's account is credited with the participant's contributions and allocations of the Companies' contributions and plan earnings and charged with an allocation of administrative expenses. Allocations are based on participants' compensation or account balances, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account. Participants may direct the investments of their account balances into various investment options offered by the Plan.

Participant Notes Receivable

The Plan allows for participants to borrow money from the Plan. Participants may borrow from their accounts the lesser of \$50,000 or 50 percent of the sum of the participant pretax contributions and the employer matching contributions. There is a minimum notes receivable amount of \$1,000. Notes receivable are collateralized by the participant's account and bear interest at rates determined by the plan administrator. Notes receivable are repayable up to five years. Principal and interest payments are made through payroll deductions.

December 31, 2023 and 2022

Note 1 - Plan Description (Continued)

Vesting

Participants are immediately vested in their voluntary contributions and rollover contributions. Vesting in the Companies' contribution portion, including employer matching contributions and discretionary contributions plus actual earnings thereon, is based on years of service. A participant becomes fully vested in the employer's matching and discretionary contributions after six years of service or upon retirement, permanent disability, or death.

Subsequent to December 31, 2023, effective January 1, 2024, an amendment was formally executed to change the Plan's vesting schedule. Under this amendment, a participant becomes fully vested in the employer's matching and discretionary contributions after one year of service.

Forfeitures

If a participant is not fully vested on his or her termination date, the nonvested amount of the account is forfeited. Forfeitures are used to reduce future discretionary contributions. At December 31, 2023 and 2022, forfeited account balances were insignificant.

Payment of Benefits

Distributions are payable upon retirement, age 59½, death, disability, or termination. A participant may elect to receive a lump-sum amount equal to the value of the participant's vested interest in his or her account, annual installments over the life of the participant, an annuity for a fixed number of years, or a combination of such forms.

Participants may request that all or a portion of their accounts be distributed in the case of severe financial hardship, as defined in the plan document. The Companies must approve any such hardship withdrawals.

Termination

While they have not expressed any intent to do so, the Companies have the right under the Plan to discontinue their contributions at any time and to terminate the Plan subject to the provisions set forth in the plan agreement and ERISA.

Upon termination of the Plan, participants became 100 percent vested in their account balances.

Party-in-interest Transactions

Certain plan assets are in investment funds managed by Principal Life Insurance Company (Principal Life), Delaware Charter Guarantee & Trust Company d/b/a Principal Trust Company (Principal Trust), and Principal Global Investors Trust Company (an affiliate of Principal Life Insurance Company) (Principal Global) or their affiliates. Principal Life, Principal Trust, and Principal Global are the custodians of the Plan; therefore, these transactions qualify as party-in-interest transactions, as defined under ERISA guidelines.

Note 2 - Summary of Significant Accounting Policies

Investment Valuation and Income Recognition

The Plan's investments are stated at fair value. Mutual funds are valued based on quoted market prices. The unallocated investment contract is non-benefit responsive and is presented at fair value of the underlying assets. The unallocated investment contract invests in the general assets of Principal Life; however, since there are no specific securities in Principal Life's general account related to this contract, and, due to the contract terms, including the frequency of the interest rate reset intervals, contract value approximates fair value. The unallocated investment contract is subject to a surrender charge for certain transfers or withdrawals from an unmaturing account. The surrender charge is calculated based on the guaranteed income balance compared to the paid-up deferred annuity value.

December 31, 2023 and 2022

Note 2 - Summary of Significant Accounting Policies (Continued)

The common/collective trust and pooled separate accounts are valued at net asset value per share (NAV) or its equivalent of the funds, which is based on the fair value of the funds' underlying assets. There are no redemption restrictions or unfunded commitments on these investments. See Note 5 for additional information.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded as earned. Dividends are recorded on the ex-dividend date.

Benefit Payments

Benefits are recorded when paid.

Administrative Expenses

Various administrative costs are paid by the Companies.

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of additions and deductions during the reporting period. Actual results could differ from those estimates.

Risks and Uncertainties

The Plan invests in various investment securities. Investment securities are exposed to various risks, such as interest rate, market, and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the financial statements.

Participant Notes Receivable

Participant notes receivable are recorded at their unpaid principal balances plus any accrued interest. Participant notes receivable are written off when deemed uncollectible.

Subsequent Events

The financial statements and related disclosures include evaluation of events up through and including August 2, 2024, which is the date the financial statements were available to be issued.

Note 3 - Certified Information

Principal Life, Principal Trust, and Principal Global hold the Plan's investments and execute all investment transactions. The investment balances and related investment income and losses included in the accompanying financial statements and supplemental schedule of assets held at end of year are based solely on information certified by Principal Life; Principal Trust; and Principal Life, on behalf of Principal Global.

Note 4 - Tax Status

The Plan is a preapproved plan. The preapproved plan has received a favorable opinion letter from the Internal Revenue Service indicating that the Plan, as designed, is qualified for federal income tax-exempt status. The Plan has not individually sought its own determination letter.

Notes to Financial Statements

December 31, 2023 and 2022

Note 5 - Fair Value Measurements

Accounting standards require certain assets and liabilities be reported at fair value in the financial statements and provide a framework for establishing that fair value. The framework for determining fair value is based on a hierarchy that prioritizes the valuation techniques and inputs used to measure fair value.

Level 1

Fair values determined by Level 1 inputs use quoted prices in active markets for identical assets that the Plan has the ability to access.

Level 2

Fair values determined by Level 2 inputs use other inputs that are observable, either directly or indirectly. These Level 2 inputs include quoted prices for similar assets in active markets, quoted prices for identical or similar assets in markets that are not active, and inputs other than quoted prices that are observable for the asset.

Level 3

Level 3 inputs are unobservable inputs, including inputs that are available in situations where there is little, if any, market activity for the related asset. These Level 3 fair value measurements are based primarily on management's own estimates using pricing models, discounted cash flow methodologies, or similar techniques taking into account the characteristics of the asset.

In instances where inputs used to measure fair value fall into different levels of the fair value hierarchy, fair value measurements in their entirety are categorized based on the lowest level input that is significant to the valuation. The Plan's assessment of the significance of particular inputs to these fair value measurements requires judgment and considers factors specific to each asset.

The following tables present information about the Plan's assets measured at fair value on a recurring basis at December 31, 2023 and 2022:

Assets Measured at Fair Value on a Recurring Basis at December 31, 2023				
	Investments (at Fair Value)	Level 1	Level 2	Level 3
Mutual funds	\$ 16,565,054	\$ 16,565,054	\$ -	\$ -
Unallocated investment contract	2,362	-	-	2,362
Total	16,567,416	\$ 16,565,054	\$ -	\$ 2,362
Investments measured at NAV:				
Pooled separate accounts	26,080,303			
Common/collective trust	2,961,397			
Total investments at fair value	\$ 45,609,116			

Heidenhain Corporation 401(k) Savings Plan

Notes to Financial Statements

December 31, 2023 and 2022

Note 5 - Fair Value Measurements (Continued)

Assets Measured at Fair Value on a Recurring Basis at December 31, 2022				
	Investments (at Fair Value)	Level 1	Level 2	Level 3
Mutual funds	\$ 14,748,644	\$ 14,748,644	\$ -	\$ -
Investments measured at NAV:				
Pooled separate accounts	22,020,085			
Common/collective trust	4,747,135			
Total investments at fair value	<u>\$ 41,515,864</u>			

Heidenhain Corporation 401(k) Savings Plan

Schedule of Assets Held at End of Year

Form 5500, Schedule H, Line 4i
 EIN 36-2584485, Plan No. 002
 December 31, 2023

(a)(b) Identity of Issuer	(c) Description of Investment	(d) Cost	(e) Current Value
	Mutual funds:		
The American Funds	Janus Henderson Balance N Fund	*	\$ 2,282,930
Oppenheimer	AM FDS Europacific Growth R6 Fund	*	1,439,495
PIMCO Funds	PIMCO Income Institutional Fund	*	1,615,626
Delaware Investments	Delaware Emerging Markets R6 Fund	*	827,472
Conestoga Capital	Conestoga Small Cap Institutional Fund	*	614,819
Cohen & Steers	Cohen & Steers Re Est Sec Z Fund	*	125,956
Fidelity	Fidelity 500 Index Fund	*	4,804,203
Fidelity	Fidelity Advisor International Small Cap Fund Class Z	*	223,927
MFS Investment Management	MFS Research Intl R6 Fund	*	21,946
MFS Investment Management	MFS Value R6 Fund	*	898,384
Vanguard	Vanguard FTSE SOC IDX ADM FD	*	334,424
Vanguard	Vanguard Mid Cap Index Admin Fund	*	2,622,162
Vanguard	Vanguard Small Cap Index Admin Fund	*	517,140
Vanguard	Vanguard Growth Index Adm Fund	*	163,541
Invesco	Invesco Gold & SP Minerals R6 Fund	*	73,029
Principal Life Insurance Company	Unallocated investment contract - Principal Pension Builder(SM) Z	*	2,362
	Pooled separate accounts:		
Principal Life Insurance Company	Principal Bond and Mortgage SA-R6	*	1,251,208
Principal Life Insurance Company	Principal Lifetime 2020 SEP Account	*	369,860
Principal Life Insurance Company	Principal Lifetime 2030 SEP Account	*	2,610,517
Principal Life Insurance Company	Principal Lifetime 2040 SEP Account	*	742,801
Principal Life Insurance Company	Principal Lifetime 2050 SEP Account	*	561,601
Principal Life Insurance Company	Principal Lifetime Str Inc SEP Account	*	35,535
Principal Life Insurance Company	MidCap Value I SEP Account	*	368,921
Principal Life Insurance Company	Columbus Circe Inv - MidCap Growth SEP Account	*	3,438,937
Principal Life Insurance Company	Dimension Fund Adv - SmallCap Value II SEP Account	*	968,991
Principal Life Insurance Company	Principal Lifetime 2015 SEP Account	*	32,256
Principal Life Insurance Company	Principal Lifetime 2025 SEP Account	*	966,233
Principal Life Insurance Company	Principal Lifetime 2035 SEP Account	*	1,623,954
Principal Life Insurance Company	Principal Lifetime 2045 SEP Account	*	660,851
Principal Life Insurance Company	Principal Lifetime 2055 SEP Account	*	375,942
Principal Life Insurance Company	SAM Balanced SEP Account	*	677,688
Principal Life Insurance Company	SAM Conser Bal SEP Account	*	19,634
Principal Life Insurance Company	SAM Flex Inc SEP Account	*	158,031
Principal Life Insurance Company	SAM Cons Growth SEP Account	*	2,903,561
Principal Life Insurance Company	SAM Strat Growth SEP Account	*	692,239
Principal Life Insurance Company	Principal Lifetime 2060 SEP Account	*	233,294
Principal Life Insurance Company	LargeCap Growth I SEP Account	*	5,579,704
Principal Life Insurance Company	Income SEP Account	*	933,555
Principal Life Insurance Company	Capital Appreciation Sep Acct	*	825,059
Principal Life Insurance Company	Principal Lifetime 2065 SEP Account	*	33,791
Principal Life Insurance Company	Principal LifeTm 2070 Sep Acct	*	16,140
Principal Global Investors Trust Company	Common/collective trust - Gartmore Morley Cap Mgt Inc - Stable Value Fund	*	2,961,397
Participants	Participant notes receivable bearing interest rates ranging from 4.25 to 9.50 percent	-	334,330
	Total	\$	45,943,446

*Cost information not required

Heidenhain Corporation 401(k) Savings Plan

Schedule of Delinquent Participant Contributions

Form 5500, Schedule H, Line 4a
EIN 36-2584485, Plan No. 002
Year Ended December 31, 2023

Participant Contributions Transferred Late to the Plan	Total that Constitutes Nonexempt Prohibited Transactions			Total Fully Corrected Under VFCP
Check Here if Late Participant Loan Repayments are Included:	Contributions Not Corrected	Contributions Corrected Outside VFCP	Contributions Pending Correction in VFCP	

2017	☐	\$ -	\$ 388	\$ -	\$ -
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SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

H C 401() S P

EIN 36 2584485
 PLAN NUMBER 002
 PLAN YEAR 01/01/2023 TO 12/31/2023

(A)	(B) Identity of issuer, borrower, lessor or similar party.	(C) Description of investment including maturity date, rate of interest, collateral, par or maturity value.	(D) Cost	(E) Current Value
	The American Funds	Registered Investment Company Am Fds EuroPacific Grth R6 Fd	\$ 0.00	\$ 1,439,495.11
	Cohen & Steers	Registered Investment Company Cohen & Steers Re Est Sec Z Fd	\$ 0.00	\$ 125,955.65
	Conestoga Capital Advisors	Registered Investment Company Conestoga Small Cap Instl Fund	\$ 0.00	\$ 614,818.50
	Delaware Investments	Registered Investment Company Delaware Emerg Mkts R6 Fund	\$ 0.00	\$ 827,471.81
	Fidelity Investments	Registered Investment Company Fidelity Adv Intl Sm Cp Z Fd	\$ 0.00	\$ 223,926.54
	Fidelity Investments	Registered Investment Company Fidelity 500 Index Fund	\$ 0.00	\$ 4,804,203.48
	Oppenheimer	Registered Investment Company Inv Gld and Sp Minerals R6 Fnd	\$ 0.00	\$ 73,029.32
	Janus International Holding, LLC	Registered Investment Company JanusHenderson Blncd N	\$ 0.00	\$ 2,282,930.45
	MFS Investment Management	Registered Investment Company MFS Research Intl R6 Fund	\$ 0.00	\$ 21,946.00
	MFS Investment Management	Registered Investment Company MFS Value R6 Fund	\$ 0.00	\$ 898,383.67
*	Principal Life Insurance Company	Pooled Separate Accounts Prin Capital Appr SA-Z	\$ 0.00	\$ 825,059.00
*	Principal Life Insurance Company	Pooled Separate Accounts Prin Core Fix Inc Sep Acct-Z	\$ 0.00	\$ 933,554.50
*	Principal Life Insurance Company	Pooled Separate Accounts Prin Core Plus Bond Sep Acct-Z	\$ 0.00	\$ 1,251,208.21
*	Principal Life Insurance Company	Pooled Separate Accounts Prin LargeCap Growth I SA-Z	\$ 0.00	\$ 5,579,704.50
*	Principal Life Insurance Company	Pooled Separate Accounts Prin LifeTime Strat Inc SA-Z	\$ 0.00	\$ 35,534.90

SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

H C 401() S P

EIN 36 2584485
 PLAN NUMBER 002
 PLAN YEAR 01/01/2023 TO 12/31/2023

(A)	(B) Identity of issuer, borrower, lessor or similar party.	(C) Description of investment including maturity date, rate of interest, collateral, par or maturity value.	(D) Cost	(E) Current Value
*	Principal Life Insurance Company	Pooled Separate Accounts Prin LifeTime 2015 Sep Acct-Z	\$ 0.00	\$ 32,256.37
*	Principal Life Insurance Company	Pooled Separate Accounts Prin LifeTime 2020 Sep Acct-Z	\$ 0.00	\$ 369,860.21
*	Principal Life Insurance Company	Pooled Separate Accounts Prin LifeTime 2025 Sep Acct-Z	\$ 0.00	\$ 966,233.44
*	Principal Life Insurance Company	Pooled Separate Accounts Prin LifeTime 2035 Sep Acct-Z	\$ 0.00	\$ 1,623,953.80
*	Principal Life Insurance Company	Pooled Separate Accounts Prin LifeTime 2040 Sep Acct-Z	\$ 0.00	\$ 742,800.51
*	Principal Life Insurance Company	Pooled Separate Accounts Prin LifeTime 2045 Sep Acct-Z	\$ 0.00	\$ 660,850.72
*	Principal Life Insurance Company	Pooled Separate Accounts Prin LifeTime 2050 Sep Acct-Z	\$ 0.00	\$ 561,601.04
*	Principal Life Insurance Company	Pooled Separate Accounts Prin LifeTime 2055 Sep Acct-Z	\$ 0.00	\$ 375,942.45
*	Principal Life Insurance Company	Pooled Separate Accounts Prin LifeTime 2060 Sep Acct-Z	\$ 0.00	\$ 233,294.09
*	Principal Life Insurance Company	Pooled Separate Accounts Prin LifeTime 2065 Sep Acct-Z	\$ 0.00	\$ 33,791.31
*	Principal Life Insurance Company	Pooled Separate Accounts Prin MidCap Growth Sep Acct-Z	\$ 0.00	\$ 3,438,936.91
*	Principal Life Insurance Company	Pooled Separate Accounts Prin MidCap Value I SA-Z	\$ 0.00	\$ 368,920.67
*	Principal Life Insurance Company	Pooled Separate Accounts Prin SnCap Value II Sep Acct-Z	\$ 0.00	\$ 968,991.40
*	Principal Life Insurance Company	Pooled Separate Accounts Prin SAM Balanced Sep Acct-Z	\$ 0.00	\$ 677,687.52
*	Principal Life Insurance Company	Pooled Separate Accounts Prin SAM Cons Balanced SA-Z	\$ 0.00	\$ 19,633.93

SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

H C 401() S P

EIN 36 2584485
 PLAN NUMBER 002
 PLAN YEAR 01/01/2023 TO 12/31/2023

(A)	(B) Identity of issuer, borrower, lessor or similar party.	(C) Description of investment including maturity date, rate of interest, collateral, par or maturity value.	(D) Cost	(E) Current Value
*	Principal Life Insurance Company	Pooled Separate Accounts Prin SAM Cons Growth SA-Z	\$ 0.00	\$ 2,903,560.75
*	Principal Life Insurance Company	Pooled Separate Accounts Prin SAM Flexible Income SA-Z	\$ 0.00	\$ 158,030.80
*	Principal Life Insurance Company	Pooled Separate Accounts Prin SAM Strat Growth SA-Z	\$ 0.00	\$ 692,238.88
*	Principal Global Investors Trust Co	Common/Collective Trust Principal Stable Value Z Fund	\$ 0.00	\$ 2,961,397.00
*	Principal Life Insurance Company	Pooled Separate Accounts PrinL LifeTime 2030 Sep Acct-Z	\$ 0.00	\$ 2,610,516.59
	PIMCO Funds	Registered Investment Company PIMCO Income Institutional Fd	\$ 0.00	\$ 1,615,626.26
*	Principal Life Insurance Company	Pooled Separate Accounts PRIN LIFETM 2070 SEP ACCT-Z	\$ 0.00	\$ 16,140.28
*	Principal Life Insurance Company	Insurance Company General PRINCIPAL PENSION BUILDER(SM)Z	\$ 0.00	\$ 2,362.00
	Vanguard Group	Registered Investment Company Vanguard FTSE Soc Idx Adm Fd	\$ 0.00	\$ 334,424.06
	Vanguard Group	Registered Investment Company Vanguard Mid Cap Index Adm Fd	\$ 0.00	\$ 2,622,161.85
	Vanguard Group	Registered Investment Company Vanguard Sm Cap Index Adm Fund	\$ 0.00	\$ 517,139.89
	Vanguard Group	Registered Investment Company VANGUARD GROWTH INDEX ADM FUND	\$ 0.00	\$ 163,541.29
*	Participant Loans	Range of Interest Rates Rates Range From 4.25% To 9.50%	\$ 0.00	\$ 334,330.00

