



**HEIDENHAIN**  
海 德 汉

## Training Program Of HEIDENHAIN CHINA 2026

ID	Type of Course	Target Group	Duration	Place	Dates
HCNTR01	Basic Training for Conversational	NC Programmer and operator	5		
	1、Basic knowledge of TNC			Beijing	From 12.01.2026 to 16.01.2026
	a.Operating panel and display key define			Shanghai	From 26.01.2026 to 30.01.2026
	b.Machine Operating Modes			Xian	From 09.02.2026 to 13.02.2026
	c.File Management			Dongguan	From 02.03.2026 to 06.03.2026
	d.MOD Function			Shanghai	From 25.05.2026 to 29.05.2026
	e.Interrupting machining,Returning			Dongguan	From 22.06.2026 to 26.06.2026
	f.System information			Shanghai	From 13.07.2026 to 17.07.2026
	g.Set Ip Address And Program Translate			Chengdu	From 03.08.2026 to 07.08.2026
	2、Plain language of HEIDENHAIN			Beijing	From 07.09.2026 to 11.09.2026
	a.Format of program			Dongguan	From 23.11.2026 to 27.11.2026
	b.Contour Description			Beijing	From 07.12.2026 to 11.12.2026
	c.Polar Contour Description				
	d.Cycle for HEIDENHAIN				
	e.Programming technology and array definition				
	f.SL Cycle				
	g.Touch probe cycle				
	3、Expand				
	a.Basic knowledge of Q parameters				
	b.Basic knowledge of tilt plane				
	c.TNC7 basic introduction				
HCNTR02	Advanced Training for Conversatio	NC Programmer and operator	5		
	1、5X machining			Beijing	From 16.03.2026 to 20.03.2026
	a.CAD/CAM			Dongguan	From 17.08.2026 to 21.08.2026
	b.Postprocessing			Shanghai	From 14.12.2026 to 18.12.2026
	c.M128&TCPM				
	d.3D tool compensation				
	e.Optimization NC program				
	f.Kinematic Opt				
	2、3+2 machining				
	a. Basic Knowledge of Multiple-Axis Machine				
	b. Plane function				
	3、Programming technology				
	a.Polar,point table,LBLfunction,array.bevel profile				
	b.Help and Tips				
	4、About the TNC7				
	a.TNC7 basic introduction				
HCNTR03	Electrical Installation, Paramete	OEM	5		



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	1. Basic Knowledge of NC Program and operation 2. Installation and wiring of TNC 3. pin Definition and interface of system drive and power module 4. External emergency stop circuit 5. Machine Parameters 6. Servo system debugging and optimization 7. setting of nominal position filter 8. Data transmission and backup			Shanghai Beijing Shanghai	From 05.01.2026 to 09.01.2026 From 06.07.2026 to 10.07.2026 From 19.10.2026 to 23.10.2026
HCNTR04	PLC Programming	OEM	5		
	1. Basic Knowledge of NC Program and operation 2. Connector Designation and Layout 3. PLC Software Tools Instruction 4. PLC Program Structure Generate Document and Running 5. Conventions for the Symbolic Operands PLC Module and Operands 6. M function 7. Automatic Tool Changer and Typical Tool Magazine Introduce 8. PLC Programming Practice			Shanghai Beijing Shanghai	From 09.03.2026 to 13.03.2026 From 18.05.2026 to 23.05.2026 From 14.09.2026 to 18.09.2026
HCNTR05	Electrical Installation, Parameters / PLC Programming	OEM	5		
	1. Basic Knowledge of NC Program and operation 2. Installation and wiring of TNC 3. External emergency stop circuit 4. Machine Parameters 5. Servo system debugging and optimization 6. PLC Software Tools Instruction 7. PLC Program Structure Generate Document and Running 8. Conventions for the Symbolic Operands PLC Module and Operands 9. Writing and processing of alarm text			Dongguan Dongguan Dongguan	From 02.02.2026 to 06.02.2026 From 27.07.2026 to 31.07.2026 From 02.11.2026 to 06.11.2026
HCNTR06	Service and Diagnosis	Service Engineer	5		
	1. Basic Knowledge of NC Program and operation 2. Date Transfer and Backup 3. Machine Parameters 4. Mounting and Electrical Installation 5. Integrated Oscilloscope 6. Drive fault diagnosis function 7. Error Message 8. PLC Programming 9. Encoder Diagnosis Introduce			Dongguan Chengdu Shanghai Beijing Shanghai Xian	From 23.03.2026 to 27.03.2026 From 08.06.2026 to 12.07.2026 From 10.08.2026 to 14.08.2026 From 12.10.2026 to 16.10.2026 From 09.11.2026 to 13.11.2026 From 21.12.2026 to 25.12.2026



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ID	Type of Course	Target Group	Duration	Place	Dates
HCNTR07	Encoder Product Training	Service Engineer	3		
	1. LC, LB, ERM/ERA, RON/RCN Install, Diagnosis device, Faults and Maintenance			Dongguan	From 21.01.2026 to 23.01.2026
	2. LC1xx Linear Encoder Install and Practice			Beijing	From 01.04.2026 to 03.04.2026
	3. LC4xx Linear Encoder Install and Practice			Shanghai	From 26.08.2026 to 28.08.2026
	4. ERM Angle Encoder install, Signal Commissioning and Practice				
	5. LB Linear Encoder Install and Practice				
	6. PWM9, PWT Diagnosis Device Usage				
	7. Practical training of instrument testing application				
	8. ERA Angle Encoder install, Signal Commissioning and Practice				
	9. RON/RCN Angle Encoder install, Signal Commissioning and Practice				
	10. Analysis and solution of common faults of measurein products				
HCNTR08	TNC7 Transfer Course Training	OEM and Enduser	3		
	1. About the TNC7			Xian	From 11.05.2026 to 13.05.2026
	2. Programming, cycle for OCM, graphical programming			Dongguan	From 03.06.2026 to 05.06.2026
	3. Probing in the Manual operating mode			Beijing	From 22.07.2026 to 24.07.2026
	4. Automatic touch probe cycles.			Chengdu	From 18.11.2026 to 20.11.2026
	5. Simulation, program run			Shanghai	From 02.12.2026 to 04.12.2026
	6. Process monitoring				
	7. Help, tips, and tricks				
HCNTR09	Customized Training				
	By the request, HEIDENHAIN CHINA provide the service for the TNC control at customers on-site training.				



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ID	Type of Course	Target Group	Duration	Place	Dates
		<b>Dr. Johannes HEIDENHAIN (China) Co., Ltd.</b>			
	<b>Beijing Address:</b>	No. 6, Tianwei 3rd Street, Area A, Tianzhu Airport Industrial Zone, Shunyi District, Beijing Beijing: 010-80420077 Fax: 010-80420030			
		<b>Shanghai Branch</b>			
	<b>Shanghai Address:</b>	Building No.5, No. 308 Xumin Road, Xujing Town, Qingpu District, Shanghai Shanghai: 021 60762000-6055 Fax: 021 6076 2000-6515			
		<b>Dongguan Office</b>			
	<b>Dongguan Address:</b>	8th Floor, Building 1, HuiXing Intelligence Valley No. 39, Lianhuan Road,Dalingshan, Dongguan, Guangdong Dongguan: 0769 8115 8071			
		<b>Chengdu Authorized Training Center</b>			
	<b>Chengdu Address:</b>	Chengdu Aeronautic Polytechnic, No. 699 Checheng Dongqi Road, Longquanyi District, Chengdu Chengdu: 028-88469521			
		<b>Xi'an Authorized Training Center</b>			
	<b>Xi'an Address:</b>	555 Caotan 9th Road, Xi'an Economic and Technological Development Zone Building A3-2, 1st Floor, Yuanwang Grain Networking Industrial Base Xi'an : 029 8618 6239			
	<b>E-mail:</b>	training@heidenhain.com.cn			

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