



T|eddy

## Probes and probe-systems



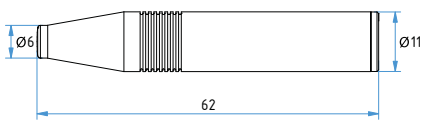


**Pencil probe (Type: HS1)**

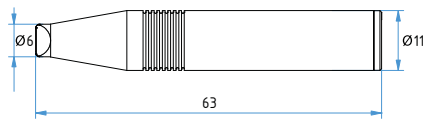
Coil name	Coil type	Frequency range		Ceramic shape	Art.-No.
		$f_{min}$	$f_{max}$		
AS7	Differential	25 kHz	1,0 MHz	flat	AS7-HS1-6C30
DDS33	Differential	10 kHz	2,0 MHz	flat	DDS33-HS1-6C25
PD23	Differential	75 kHz	5,0 MHz	flat	PD23-HS1-6C25
PDS23	Differential	75 kHz	5,0 MHz	peaked	PDS23-HS1-6SF2
SA60	Absolute	25 kHz	1,0 MHz	conical	SA60-HS1-PC68
SD60	Differential	25 kHz	4,0 MHz	peaked	SD60-HS1-6SF2
SD60	Differential	25 kHz	4,0 MHz	flat	SD60-HS1-6C17

**Standard connection: Fischer D102 A (4-pole)**

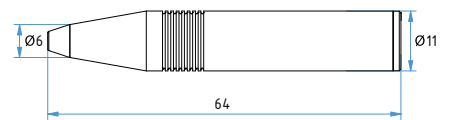
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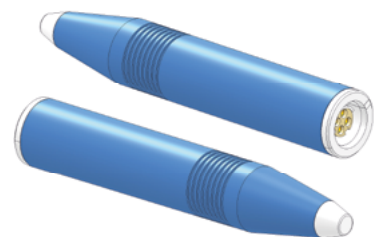
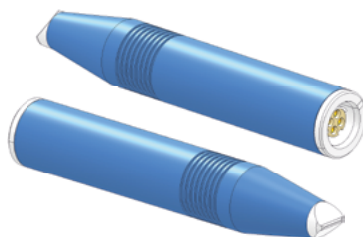
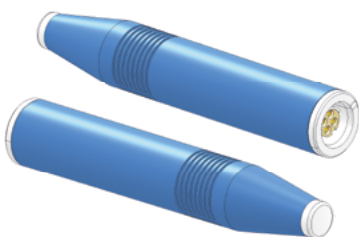
flat



peaked



conical

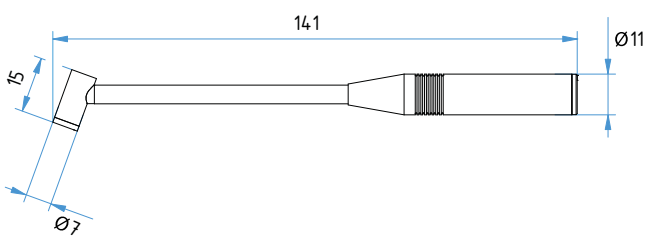


### Angulated probe (Type: HS2)

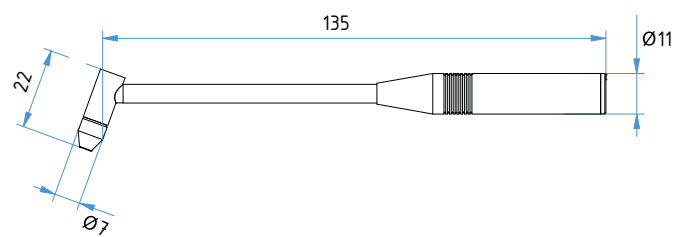
Coil name	Coil type	Frequency range		Ceramic shape	Art.-No.
		$f_{min}$	$f_{max}$		
■ AS7	Differential	25 kHz – 1,0 MHz		flat	AS7-HS2-KF07
■ DDS33	Differential	10 kHz – 2,0 MHz		flat	DDS33-HS2-KF07
■ PD23	Differential	75 kHz – 5,0 MHz		flat	PD23-HS2-KF07
■ PDS23	Differential	75 kHz – 5,0 MHz		peaked	PDS23-HS2-6SF2
■ SA60	Absolute	25 kHz – 1,0 MHz		peaked	SA60-HS2-PC78
■ SD60	Differential	25 kHz – 4,0 MHz		flat	SD60-HS2-KF07

### Standard connection: Fischer D102 A (4-pole)

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flat



peaked



### Semi-transmission probe

Type	Coil type	Core - Ø	Frequency range		Angle	Art. - No.
			$f_{min}$	$f_{max}$		
■ MT-DK011	semi-transmission	Ø 11,0 mm	100 Hz	2,0 kHz	130°	MT-DK011-130
■ MT-DK011	semi-transmission	Ø 11,0 mm	100 Hz	2,0 kHz	180°	MT-DK011-180
■ MT-DK014	semi-transmission	Ø 14,0 mm	100 Hz	2,0 kHz	130°	MT-DK014-130
■ MT-DK014	semi-transmission	Ø 14,0 mm	100 Hz	2,0 kHz	180°	MT-DK014-180
■ MT-DK018	semi-transmission	Ø 18,0 mm	100 Hz	2,0 kHz	130°	MT-DK018-130
■ MT-DK018	semi-transmission	Ø 18,0 mm	100 Hz	2,0 kHz	180°	MT-DK018-180

### Standard connection :

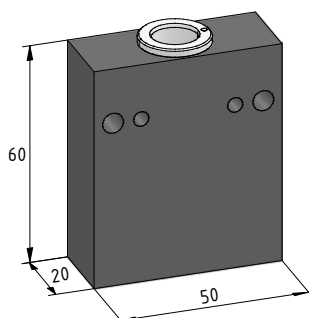
Angle 130°: Cable with Fischer S102 A (4-pole), variable cable length

Angle 180°: Fischer D104 Z (8-pole)

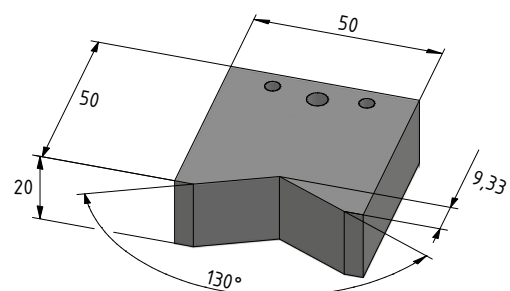


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Fischer D104 Z



Cable with Fischer S102 A



## Encircling coil for microstructure testing

Type	Overall dimension	Frequency range		Ø as mm	coil with as mm
		$f_{min}$	$f_{max}$		
■ MTA	50 x 50 x 25 mm	100 Hz – 2,0 kHz		5, 10, 15, 20, 25	2, 5, 10, 15
■ MTB	100 x 100 x 25 mm	100 Hz – 2,0 kHz		10, 15, 20, 15, 20, 25, 30, 35, 40, 45, 50	2, 5, 10, 15
■ MTC	150 x 150 x 90 mm	100 Hz – 2,0 kHz		10, 20, 30, 40, 50, 60, 70, 80, 90, 100	10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80*
■ MTD	100 x 100 x 40 mm	100 Hz – 2,0 kHz		10, 15, 20, 15, 20, 25, 30, 35, 40, 45, 50	5, 10, 15, 20, 25, 30

\* Only for testing diameter 40 mm

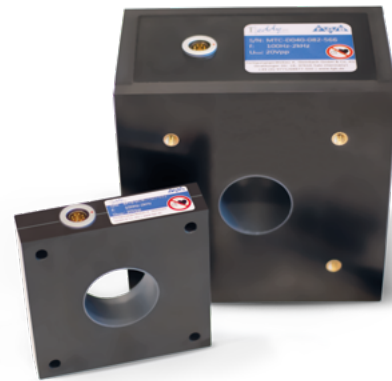
Example Art-No.: MTA-D010-020

↑            ↑            ←  
 Type    Ø:testing    coil width  
           diameter

### Standard connection:

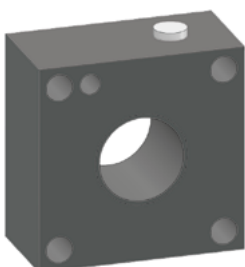
MTA: Cable with Fischer S102 A (4-pole), variable cable length

MTB, MTC, MTD: Fischer D104 Z (8-pole)

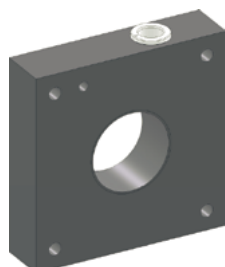


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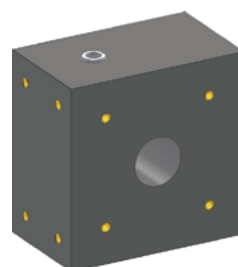
MTA



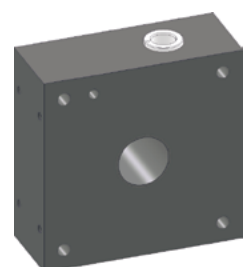
MTB



MTC



MTD

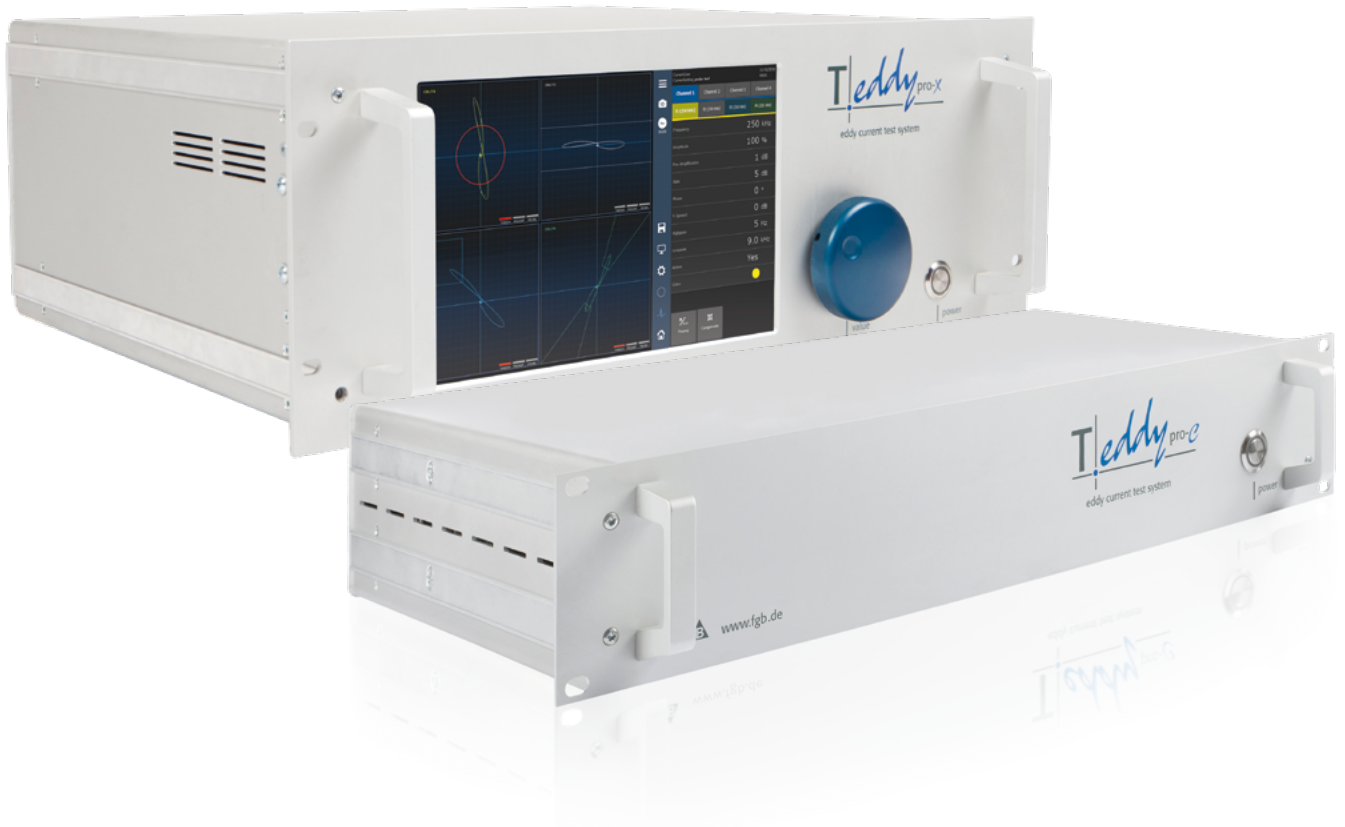


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