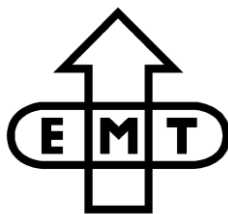


DATASHEET ARCHIVE

- OF Bakelite
- OF Magnesium
- TSD 15
- TMD 25 / TND 65
- TSD 15 SFL LZi / TSD SPH 15 LZi
- HSD 6
- TSD 15N SPH / SFL
- TSD 75
- TMD 75 / TND 75
- JSD Gold
- JSD P6.0
- JSD S75
- TSD 15 SPH / TSD 15 SFL
- XSD 15 SPH / XSD 15 SFL
- TMD 15 / TMD 25 / TND 65



DATASHEET TONDOSE



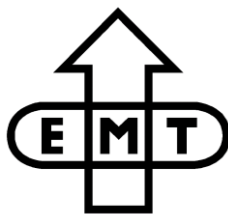
OF 25

OF 65

Broadcast Mono Cartridge with Bakelite body

Discontinued 1970

Specification	OFS 25	OFD 25	OFS 65	OFD 65
Stylus:	Sapphire 25µm	Diamond 25µm	Sapphire 65µm	Diamond 65µm
Cantilever:	Steel			
Transducer:	MC Mono, movable in horizontal plane only			
Connection:	EMT			
Weight:	33g		37g	
Tracking force:	5g		9g	
Output Transfer Level:	1,15mVs/cm		0,85mVs/cm	
Compliance:	5µm/mN			
Frequency response:	30 - 15'000Hz			
Impedance:	37Ω / 25 Ω			
Successor	TMD 25	TND 65	TMD 25	TND 65
Nomenclature				
OF:	EMT Tondose, Ortofon licenced			
S:	Sapphire tip			
D:	Diamond tip			
25 / 65	Stylus tip radius in microns			



DATASHEET TONDOSE



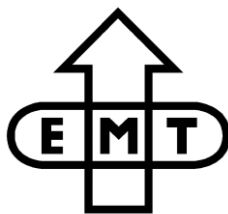
OF 25

OF 65

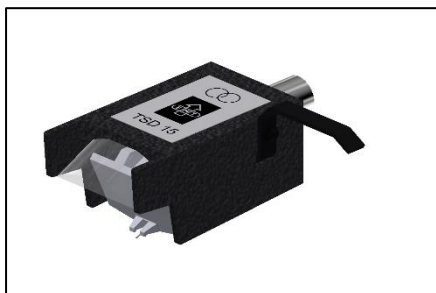
Broadcast mono cartridge with magnesium body

Discontinued 2014

Specification	OFS 25	OFD 25	OFS 65	OFD 65
Stylus:	Sapphire 25µm	Diamond 25µm	Sapphire 65µm	Diamond 65µm
Cantilever:	Steel			
Transducer:	MC Mono, movable in horizontal plane only			
Connection:	EMT			
Weight:	33g		37g	
Tracking force:	5g		9g	
Output Transfer Level:	1,15mVs/cm		0,85mVs/cm	
Compliance:	5µm/mN			
Frequency response:	30 - 15'000Hz			
Impedance:	37Ω / 25 Ω			
Successor	TMD 25	TND 65	TMD 25	TND 65
Nomenclature				
OF:	EMT Tondose, Ortofon licenced			
S:	Sapphire tip			
D:	Diamond tip			
25 / 65	Stylus tip radius in microns			



DATASHEET TONDOSE



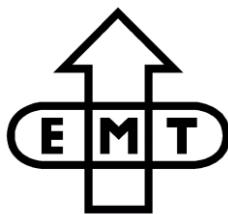
TSD 15

Broadcast Stereo Cartridge for EMT tonearm

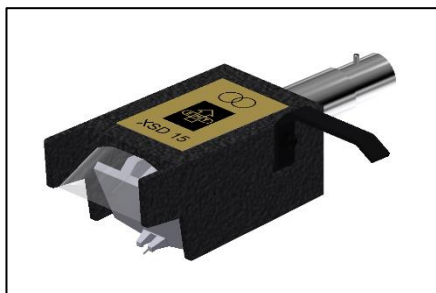
Vertical Tracking Angle = 15°

Continued with Vertical Tracking Angle = 23°

Specification	TSD 15
Diamond:	SPH 15µm
Cantilever:	Aluminium
Transducer:	MC Stereo
Connection:	EMT
Vertical Tracking Angle:	15°
Weight:	17,5g
Tracking force:	2,5g
Output Transer Level:	0,18mVs/cm
Compliance:	12µm/mN
Frequency response:	20 - 25'000Hz
±2dB:	40 - 12'500Hz
Impedance:	2x 24Ω
Recommended load:	200 - 300Ω
Successor:	TSD 15 SPH
Nomenclature	
TSD:	Tondose Stereo Diamond
15:	Stylus tip radius in microns
SPH:	Spherical diamond shape



DATASHEET TONDOSE



XSD 15 SPH

XSD 15 SFL

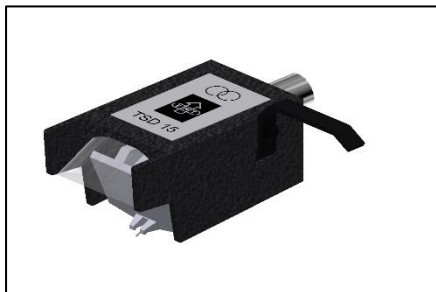
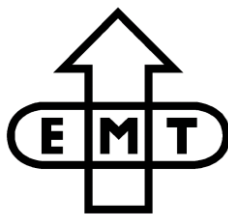
Broadcast Stereo Cartridge for tonearms according
SME standard

Vertical Tracking Angle = 15°

Continued with Vertical Tracking Angle = 23°

Specification	XSD 15 SPH	XSD 15 SFL
Diamond:	SPH 15µm	SFL
Cantilever:	Aluminium	
Transducer:	MC Stereo	
Connection:	SME Standard	
Vertical Tracking Angle:	15°	
Weight:	21g	
Tracking force:	2,5g	
Output Transfer Level:	0,21mVs/cm	
Compliance:	12µm/mN	
Frequency response:	20 - 25'000Hz	
±2dB:	40 - 12'500Hz	
Impedance:	2x 24Ω	
Recommended load:	200 - 300Ω	
Nomenclature		
XSD:	Extended Tondose Stereo Diamond	
15:	Stylus tip radius in microns (for SPH only)	
SPH:	Spherical diamond shape	
SFL:	Super Fine Line diamond shape	

DATASHEET TONDOSE



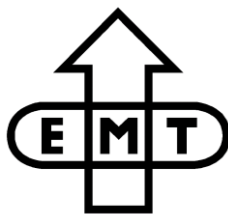
TSD 15 vdH

TSD 15 G

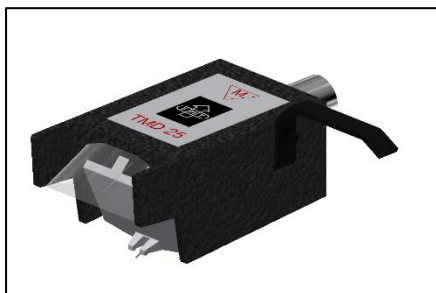
Broadcast Stereo Cartridge for EMT tonearm

Discontinued 2015 / 2018

Specification	TSD 15 vdH	TSD 15 G
Diamond:	van den Hul / Paratrace	GyS
Cantilever:	Aluminium	
Transducer:	MC Stereo	
Connection:	EMT	
Vertical Tracking Angle:	23°	
Weight:	17,5g	
Tracking force:	2,5g	
Output Transer Level:	0,21mVs/cm	
Compliance:	12µm/mN	
Frequency response: ±2dB:	20 - 30'000Hz 40 - 12'500Hz	20 - 30'000Hz 40 - 12'500Hz
Impedance:	2x 24Ω	
Recommended load:	200 - 300Ω	
Successor:	customized	
Nomenclature		
TSD:	Tondose Stereo Diamond	
vdH	van den Hul diamond shape	
GyS	Gyger S diamond shape	



DATASHEET TONDOSE



TMD 25

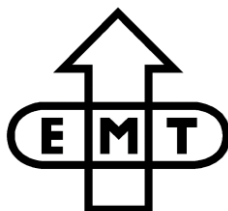
TND 65

Broadcast Mono Cartridge for EMT tonearm

Vertical Tracking Angle = 15°

Continued with Vertical Tracking Angle = 23°

Specification	TMD 25	TND 65
Diamond:	SPH 25µm	SPH 65µm
Cantilever:	Aluminium	
Transducer:	MC Mono	
Connection:	EMT	
Vertical Tracking Angle:	15°	
Weight:	17.5g	
Tracking force:	2,5g	
Output Transer Level:	0,18mVs/cm	
Compliance:	12µm/mN	
Frequency response: ±2dB:	20 - 18'000Hz 40 - 12'500Hz	20-16'000Hz 40-12'500Hz
Impedance:	24Ω	
Recommended load:	200 - 300Ω	
Successor:	TMD 25 (VTA = 23°)	TND 65 (VTA = 23°)
Nomenclature		
TMD:	Tondose Micro-groove Diamond	
TND:	Tondose Normal-groove Diamond	
25 / 65	Stylus tip radius in microns	
SPH:	Spherical diamond shape	



DATASHEET TONDOSE



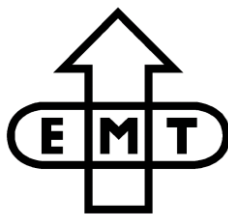
TSD 15 SPH LZi

TSD 15 SFL LZi

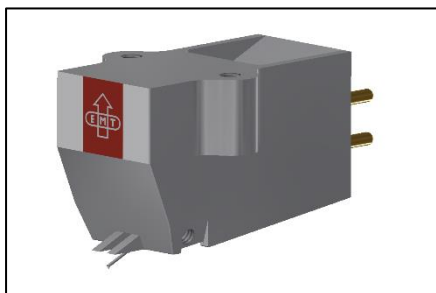
Stereo Cartridge with low impedance

Discontinued 2014

Specification	TSD 15 SPH LZi	TSD 15 SFL LZi
Diamond:	SPH 15µm	SFL
Cantilever:	Aluminium	
Transducer:	MC Stereo	
Connection:	International	
Vertical Tracking Angle:	23°	
Weight:	30g	
Tracking force:	2,5g	
Output Transer Level:	0,05mVs/cm	
Compliance:	12µm/mN	
Frequency response: ±2dB:	20 - 18'000Hz 40 - 12'500Hz	20-20'000Hz 40-12'500Hz
Impedance:	2x 6Ω	
Recommended load:	200 - 300Ω	
Successor:	customized	
Nomenclature		
TSD:	Tondose Stereo Diamond	
15:	Stylus tip radius in microns	
LZi	Low Impedance, international	
SPH:	Spherical diamond shape	
SFL:	Super Fine Line	



DATASHEET MC-CARTRIDGE

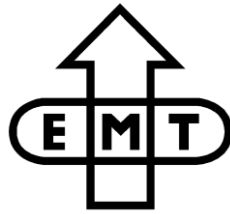


HSD 6

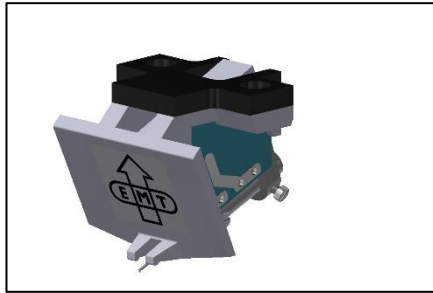
HiFi stereo cartridge with aluminium-body

Discontinued 2005

Specification	
Diamond:	SFL
Cantilever:	Aluminium
Transducer:	MC Stereo
Magnet:	AlNiCo, nickel-plated
Body:	Aluminium, natural anodized
Connection:	1/2" - 4pin
Weight:	12g
Tracking force:	2,4g
Output voltage:	1.05mV @ 5cm/s
Compliance:	12µm/mN
Frequency response: ±2dB:	20 - 25'000Hz 40 - 12'500Hz
Impedance:	2x 24Ω
Recommended load:	200 - 300Ω
Successor:	HSD 006
Nomenclature	
HSD:	HiFi Stereo Diamond
6:	Stylus tip radius in microns
SFL:	Super Fine Line diamond shape



DATASHEET MC-CARTRIDGE



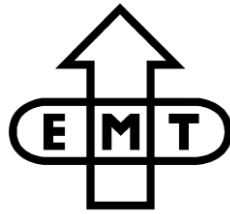
TSD 15N SPH

TSD 15N SFL

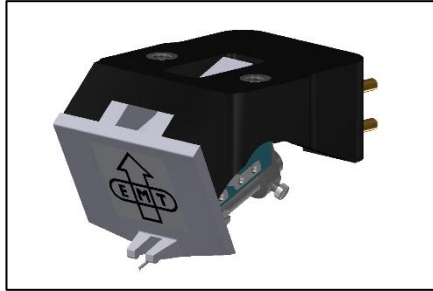
HiFi stereo cartridge with magnesium-body

Discontinued 2015

Specification	TSD 15N SPH	TSD 15N SFL
Diamond:	SPH 15µm	SFL
Cantilever:	Aluminium	
Transducer:	MC Stereo	
Magnet:	AlNiCo, nickel-plated	
Body:	Magnesium	
Connection:	1/2" - 4pin	
Weight:	8g	
Tracking force:	2,4g	
Output voltage:	1.05mV @ 5cm/s	
Compliance:	12µm/mN	
Frequency response: ±2dB:	20 - 20'000Hz 40 - 12'500Hz	20 - 25'000Hz 40 - 12'500Hz
Impedance:	2x 24Ω	
Recommended load:	200 - 300Ω	
Successor:	HSD 006	
Nomenclature		
TSD:	Tondose Stereo Diamond	
15:	Stylus tip radius in microns (for SPH only)	
N:	Nude	
SPH:	Spherical diamond shape	
SFL:	Super Fine Line diamond shape	



DATASHEET MC-CARTRIDGE



TSD 75 SPH

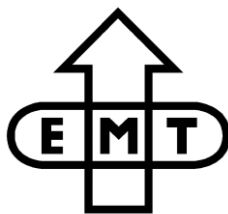
TSD 75 SFL

TSD 75 G

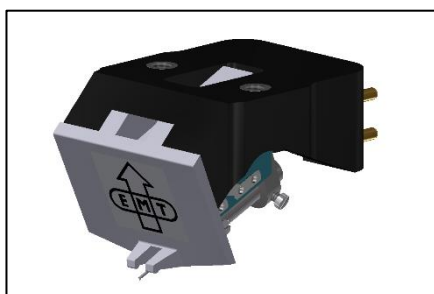
Stereo cartridge with magnesium/aluminium body

Discontinued 2018

Specification	TSD 75 SPH	TSD 75 SFL	TSD 75 G
Diamond:	SPH 15µm	SFL	GyS
Cantilever:	Aluminium		
Transducer:	MC Stereo		
Magnet:	AlNiCo, nickel-plated		
Body:	Aluminium, black anodized, magnesium inlay		
Connection:	1/2" - 4pin		
Weight:	12g		
Tracking force:	2,4g		
Output voltage:	1.05mV @ 5cm/s		
Compliance:	12µm/mN		
Frequency response: ±2dB:	20 - 20'000Hz 40 - 12'500Hz	20 - 25'000Hz 40 - 12'500Hz	20 - 30'000Hz 40 - 12'500Hz
Impedance:	2x 24Ω		
Recommended load:	200 - 300Ω		
Successor:	HSD 006		
Nomenclature			
TSD:	Tondose Stereo Diamond		
75:	75 th anniversary edition		
SPH:	Spherical diamond shape		
SFL:	Super Fine Line diamond shape		
GyS	Gyger S diamond shape		



DATASHEET MC-CARTRIDGE



TMD 75/15

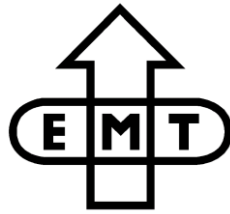
TMD 75/25

TND 75/65

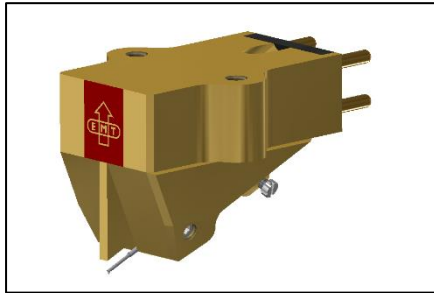
Mono cartridge with magnesium/aluminium body

Discontinued 2018

Specification	TMD 75/15	TMD 75/25	TND 75/65
Diamond:	SPH 15µm	SPH 25µm	SPH 65µm
Cantilever:	Aluminium		
Transducer:	MC Mono		
Magnet:	AlNiCo, nickel-plated		
Body:	Aluminium, black anodized, magnesium inlay		
Connection:	1/2" - 4pin		
Weight:	12g		
Tracking force:	2,4g		
Output voltage:	1.05mV @ 5cm/s		
Compliance:	12µm/mN		
Frequency response: ±2dB:	20 - 20'000Hz 40 - 12'500Hz	20 - 18 '000Hz 40 - 12'500Hz	20 - 16'000Hz 40 - 12'500Hz
Impedance:	24Ω		
Recommended load:	200 - 300Ω		
Successor:	HMD 025		
Nomenclature			
TMD:	Tondose Micro-groove Diamond		
TND:	Tondose Normal-groove Diamond		
75:	75 th anniversary edition		
15/25/65	Stylus tip radius in microns		



DATASHEET MC-CARTRIDGE



JSD 5 GOLD

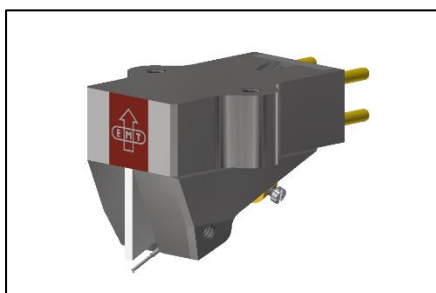
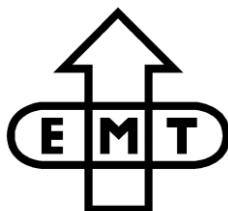
JSD 6 GOLD

High-End stereo cartridge with high density-body

Discontinued 2017

Specification	JSD 5 Gold	JSD 6 Gold
Diamond:	GyS HP	SFL HP
Cantilever:	Boron	
Transducer:	MC Stereo	
Magnet:	AlNiCo, gold-plated	
Body:	High density	
Connection:	1/2" - 4pin	
Weight:	18g	
Tracking force:	2,4g	
Output voltage:	1.05mV @ 5cm/s	
Compliance:	12µm/mN	
Frequency response: ±2dB:	20 - 30'000Hz 40 - 12'500Hz	20 - 25'000Hz 40 - 12'500Hz
Impedance:	2x 24Ω	
Recommended load:	200 - 300Ω	
Successor:	customized	
Nomenclature		
JSD:	Jubilee Stereo Diamond	
GyS:	Gyger S diamond shape	
SFL:	Super Fine Line diamond shape	
5 / 6:	Stylus tip radius in microns	
HP:	High polish grade	

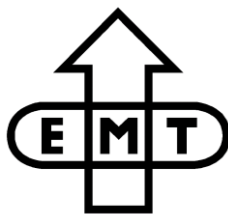
DATASHEET MC-CARTRIDGE



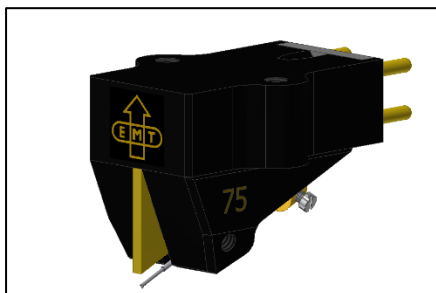
JSD P6.0

Reference stereo cartridge with high-density-body

Specification	
Diamond:	MF HP
Cantilever:	Sapphire
Transducer:	MC Stereo
Magnet:	AlNiCo, gold-plated
Body:	High density, rhodium plated
Connection:	1/2" - 4pin
Vertical Tracking Angle:	23°
Weight:	18g
Tracking force:	2,4g
Output voltage:	1.05mV @ 5cm/s
Compliance:	12µm/mN
Frequency response:	20 - 30'000Hz
±2dB:	40 - 12'500Hz
FIM distortion	≤0,3%
Impedance:	2x 24Ω
Recommended load:	200 - 300Ω
Nomenclature	
JSD:	Jubilee Stereo Diamond
MF:	Multi-Facet diamond shape
HP:	High polish grade



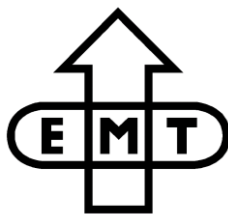
DATASHEET MC-CARTRIDGE



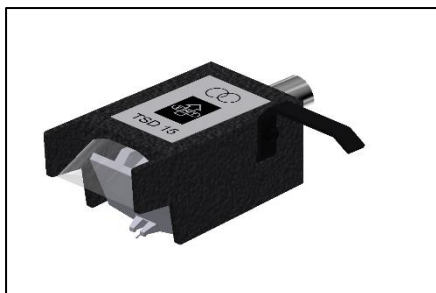
JSD S75

Reference stereo cartridge with aluminium-body

Specification	
Diamond:	MF HP
Cantilever:	Sapphire
Transducer:	MC Stereo
Magnet:	AlNiCo, gold-plated
Body:	Aluminium, back anodized
Connection:	1/2" - 4pin
Vertical Tracking Angle:	23°
Weight:	10g
Tracking force:	2,4g
Output voltage:	1.05mV @ 5cm/s
Compliance:	12µm/mN
Frequency response:	20 - 30'000Hz
±2dB:	40 - 12'500Hz
Impedance:	2x 24Ω
Recommended load:	200 - 300Ω
Nomenclature	
JSD:	Jubilee Stereo Diamond
S75	Sapphire cantilever, 75 th anniversary
MF:	Multi-Facet diamond shape
HP:	High polish grade



DATASHEET TONDOSE



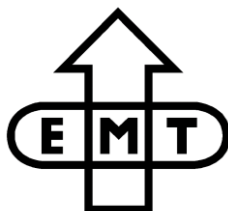
TSD 15 SPH

TSD 15 SFL

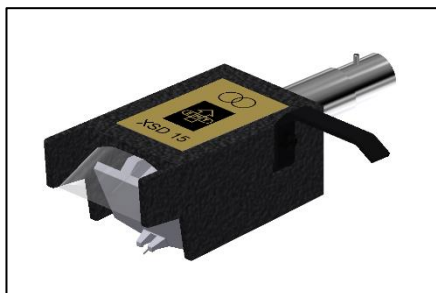
Broadcast Stereo Cartridge for EMT tonearm

Discontinued 2020

Specification	TSD 15 SPH	TSD 15 SFL
Diamond:	SPH 15µm	SFL
Cantilever:	Aluminium	
Transducer:	MC Stereo	
Connection:	EMT (international orientation available on request)	
Vertical Tracking Angle:	23°	
Weight:	17,5g	
Tracking force:	2,5g	
Output Transfer Level:	0,21mVs/cm	
Compliance:	12µm/mN	
Frequency response:	20 - 25'000Hz	
±2dB:	40 - 12'500Hz	
Impedance:	2x 24Ω	
Recommended load:	200 - 300Ω	
Nomenclature		
TSD:	Tondose Stereo Diamond	
15:	Stylus tip radius in microns (for SPH only)	
SPH:	Spherical diamond shape	
SFL:	Super Fine Line diamond shape	



DATASHEET TONDOSE



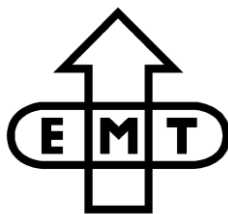
XSD 15 SPH

XSD 15 SFL

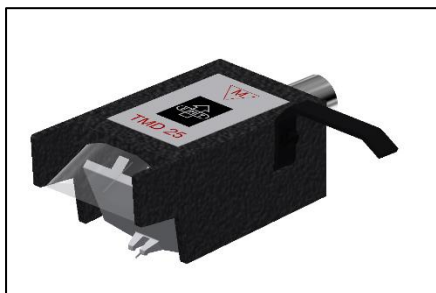
Broadcast Stereo Cartridge for tonearms according
SME standard

Discontinued 2020

Specification	XSD 15 SPH	XSD 15 SFL
Diamond:	SPH 15µm	SFL
Cantilever:	Aluminium	
Transducer:	MC Stereo	
Connection:	SME Standard	
Vertical Tracking Angle:	23°	
Weight:	21g	
Tracking force:	2,5g	
Output Transfer Level:	0,21mVs/cm	
Compliance:	12µm/mN	
Frequency response:	20 - 25'000Hz	
±2dB:	40 - 12'500Hz	
Impedance:	2x 24Ω	
Recommended load:	200 - 300Ω	
Nomenclature		
XSD:	Extended Tondose Stereo Diamond	
15:	Stylus tip radius in microns (for SPH only)	
SPH:	Spherical diamond shape	
SFL:	Super Fine Line diamond shape	



DATASHEET TONDOSE



TMD 15 (for late/up-to-date mono LPs)

TMD 25 (for mono LPs)

TND 65 (for shellac records)

Broadcast Mono Cartridge for EMT tonearm

Discontinued 2020

Specification	TMD 15	TMD 25	TND 65
Diamond:	SPH 15µm	SPH 25µm	SPH 65µm
Cantilever:	Aluminium		
Transducer:	MC Mono		
Connection:	EMT		
Vertical Tracking Angle:	23°		
Weight:	17.5g		
Tracking force:	2,5g		
Output Transfer Level:	0,21mVs/cm		
Compliance:	12µm/mN		
Frequency response: ±2dB:	20 - 20'000Hz 40 - 12'500Hz	20 - 18'000Hz 40 - 12'500Hz	20-16'000Hz 40-12'500Hz
Impedance:	24Ω		
Recommended load:	200 - 300Ω		
Nomenclature			
TMD:	Tondose Micro-groove Diamond		
TND:	Tondose Normal-groove Diamond		
15 / 25 / 65	Stylus tip radius in microns		
SPH:	Spherical diamond shape		