

Readers

	PIN-only			Magnetic Stripe			Proximity 125 kHz										Cotag								Smart Card 13.56 MHz									
	M43	BC18	BC43	AR6181-RX	AR6182-RX	AR56311-RX	AR6331-CP	AR6332-CP	PP500-EM	HD500-EM	PR500-EM	SP500-EM	PM500-EM	PD30-EM	PD40-EM	PP500-Cotag	HD500-Cotag	PR500-Cotag	SP500-Cotag	PM500-Cotag	HF500-Cotag	BC5511-Cotag	BC5516-Cotag	AR6181-MX	AR6182-MX	AR6181-MS	AR6182-MS	AR6381-MS	AR6382-MS	AR6111-MX	AR6201-MX			
SiPass Entro Lite	■																																	
SiPass Entro	■																																	
SiPass integrated																																		
SIPOPT																																		
Card technology	None (keypad only)	Magstripe (track 2)	Magstripe (track 2)	EM4102 (also known as Miro or UNIQUE 125 kHz), SiPass algorithm, Hitag 1 and Hitag 2	EM4102 (also known as Miro or UNIQUE 125 kHz), SiPass algorithm, Hitag 1 and Hitag 2	EM 4102 (also known as Miro or UNIQUE 125 kHz), CerPass, SiPass algorithm	SiPass algorithm	SiPass algorithm	EM4102 (also known as Miro or UNIQUE 125 kHz)	EM4102 (also known as Miro or UNIQUE 125 kHz)	EM4102 (also known as Miro or UNIQUE 125 kHz)	EM4102 (also known as Miro or UNIQUE 125 kHz)	EM4102 (also known as Miro or UNIQUE 125 kHz)	EM4102 (also known as Miro or UNIQUE 125 kHz)	EM4102 (also known as Miro or UNIQUE 125 kHz)	Cotag	Cotag	Cotag	Cotag	Cotag	Cotag	Cotag	Cotag	Mifare Classic 1k & 4k (CSN, S/B, MAD); DESFire (CSN); Mifare UltraLight & my-D prox (CSN, B); STM LR1512, my-C, my-D vic, I-Code SLI, Tag-IT HFI (CSN)	Mifare Classic 1k & 4k (CSN, S/B, MAD); DESFire (CSN); Mifare UltraLight & my-D prox (CSN, B); STM LR1512, my-C, my-D vic, I-Code SLI, Tag-IT HFI (CSN)	Mifare Classic 1k & 4k (CSN, sector/block)	Mifare Classic 1k & 4k (CSN, sector/block)	Mifare Classic 1k & 4k (CSN, sector/block)	Mifare Classic 1k & 4k (CSN, sector/block)	Mifare Classic 1k & 4k, Mifare UltraLight, my-D proximity, I-Code SLI, Tag-IT HFI, STM LR1512 (all CSN)	Mifare Classic 1k & 4k, Mifare UltraLight, my-D proximity, I-Code SLI, I-Code EPC, Tag-IT HFI, LR1512			
Description	PIN-only reader. Used for group codes or to add PIN functionality to an existing card-only reader. Tamper switch.	Compact card-only reader. Supplied with 3 meter cable.	Card and PIN reader. Tamper switch.	Card-only reader. Square design. Smart two-part construction makes it very easy to mount. Also includes a surface mounting frame.	Card and PIN reader. Square design. Smart two-part construction makes it very easy to mount. Also includes a surface mounting frame.	Card-only reader. Compact and economical. Tamper switch.	Card-only reader. Mullion design. Smart two-part construction makes it very easy to mount. Tamper switch.	Card and PIN reader. Mullion design. Smart two-part construction makes it very easy to mount. Tamper switch.	Heavy-duty card and PIN reader. Position indicator light and illuminated keypad make it easy to use in dark places. Tamper switch.	Heavy-duty card-only reader. Vandal-proof, impact and fire resistant. Popular both in vulnerable locations and modern office environments.	Card-only reader. Slim and compact.	Card-only reader. Compact design. Designed for mounting in single-gang back boxes.	Card-only reader. Designed for panel mounting. Suitable for most remote call-point locations.	All-in-one reader and door controller. Fits directly on a standard Scandinavian lock case. Supplied with drop box and five meter cable.	All-in-one reader and door controller. Fits directly on European lock cases that follow the DIN 18251 standard. Supplied with drop box and five meter cable.	Heavy-duty card and PIN reader. Vandal-proof, impact and fire resistant. Popular both in vulnerable locations and modern office environments.	Heavy-duty card-only reader. Vandal-proof, impact and fire resistant. Popular both in vulnerable locations and modern office environments.	Card-only reader. Slim and compact.	Card-only reader. Compact design. Designed for mounting in single-gang back boxes.	Card-only reader. Designed for panel mounting. Suitable for most remote call-point locations.	Hands-free reader. Able to read through wood, concrete, glass, and most other materials, but not metal.	Hands-free reader. Designed for split-mounted applications. Provides a higher level of security, particularly for outdoor use.	Loop reader kit. Consists of a BC270 loop coupler and a BC5311 reader interface. Used for applications such as "invisible" hands-free access control and Automatic Vehicle Identification (AVI).	Card-only reader. Square design. Smart two-part construction makes it very easy to mount. Supplied with surface mounting frame.	Card and PIN reader. Square design. Smart two-part construction makes it very easy to mount. Supplied with surface mounting frame.	Card-only reader. Designed to fit most standard square flush mounting boxes. Supplied with surface mounting frame.	Card and PIN reader. Designed to fit most standard square flush mounting boxes. Supplied with surface mounting frame.	Card-only reader. Mullion design.	Card-only reader. Mullion design.	Card-only reader. Rectangular design. Economical. Configuration can be changed with a configuration card. Supplied with surface mounting frame.	Enrollment reader. Designed to read and write cards. Can be connected to a PC. Includes external power supply.			
Card read distance *	-	-	-	7 cm (approx.)	7 cm (approx.)	12 cm (approx.)	7 cm (approx.)	7 cm (approx.)	5 cm	6 cm	10 cm	10 cm	5 cm	3 cm	3 cm	Active card: 12 cm Passive card: 3 cm	Active card: 26 cm Passive card: 8 cm	Active card: 32 cm Passive card: 10 cm	Active card: 29 cm Passive card: 9 cm	Active card: 23 cm Passive card: 8 cm	Active card: 102 cm Passive card: 34 cm	Active card: 90 cm Passive card: 35 cm	Active card: 100-300 cm (depending on the loop)	7 cm	7 cm	4 cm	4 cm	4 cm	4 cm	7 cm	7 cm			
Interface to controller	BC-Link	Clock&Data	BC-Link	RS485 monitored CerPass/UCI protocol	RS485 monitored CerPass/UCI protocol	Clock&Data (ABA Track II) and Wiegand (2634/42 bit)	RS485 monitored CerPass protocol	RS485 monitored CerPass protocol	BC-Link, Clock&Data or Wiegand	BC-Link, Clock&Data or Wiegand	BC-Link, Clock&Data or Wiegand	BC-Link, Clock&Data or Wiegand	BC-Link, Clock&Data or Wiegand	BC-Link	BC-Link	BC-Link, Clock&Data or Wiegand	BC-Link, Clock&Data or Wiegand	BC-Link, Clock&Data or Wiegand	BC-Link, Clock&Data or Wiegand	BC-Link, Clock&Data or Wiegand	Clock&Data or Wiegand	Clock&Data or Wiegand	Clock&Data or Wiegand	RS485-monitored CerPass/UCI protocol, Omron (Clock&Data) or Wiegand	RS485-monitored CerPass/UCI protocol, Omron (Clock&Data) or Wiegand	RS485-monitored CerPass/UCI protocol, Omron (Clock&Data) or Wiegand	RS485-monitored CerPass/UCI protocol, Omron (Clock&Data) or Wiegand	RS485-monitored CerPass/UCI protocol, Omron (Clock&Data) or Wiegand	RS485-monitored CerPass/UCI protocol, Omron (Clock&Data) or Wiegand	Clock&Data emulation from magnetic card (ISO7811-2, 5-bit) or Wiegand	RS232 interface for connection to a personal computer.			
Operating voltage	12 to 24 VDC	5 VDC	12 to 24 VDC	12 to 24 VDC	12 to 24 VDC	10 to 16 VDC	12 VDC	12 VDC	12 to 24 VDC	10.6 to 32 VDC	10.6 to 32 VDC	10.6 to 32 VDC	10.6 to 32 VDC	8 to 40 VDC 8 to 30 VAC	8 to 40 VDC 8 to 30 VAC	12 to 24 VDC	10.6 to 32 VDC	10.6 to 32 VDC	10.6 to 32 VDC	10.6 to 32 VDC	10 to 35 VDC	10 to 35 VDC	10 to 35 VDC	12 to 24 VDC	10.6 to 32 VDC	10.6 to 32 VDC	10.6 to 32 VDC	10.6 to 32 VDC	12 to 24 VDC	12 to 24 VDC	7 to 12.25 VDC	7 to 12.25 VDC	9 to 15 VDC	Power supply included
Average current consumption	27 mA @ 12 VDC	5 mA @ 5 VDC	30 mA @ 12 VDC	145 mA @ 12 VDC	145 mA @ 12 VDC	32 mA @ 12 VDC	35 mA @ 12 VDC	35 mA @ 12 VDC	30mA @ 12VDC	20 mA @ 12 VDC	22mA @ 12VDC	21 mA @ 12 VDC	20mA @ 12VDC	100mA @ 12VDC	100 mA @ 12 VDC	39 mA @ 12 VDC	37 mA @ 12 VDC	36 mA @ 12 VDC	32 mA @ 12 VDC	33mA @ 12VDC	200 mA @ 12 VDC	290 mA @ 12 VDC	300 mA @ 12 VDC	165 mA @ 12 VDC	165 mA @ 12 VDC	64 mA @ 12 VDC	64 mA @ 12 VDC	127mA @ 12VDC	127 mA @ 12 VDC	80 mA @ 12 VDC	-			
Indicators	3 x LED (red/yellow/green), 1 x buzzer	2 x LED (red/green)	3 x LED (red/yellow/green)	1 x LED (red/yellow/green), 1 x buzzer	1 x LED (red/yellow/green), 1 x buzzer	3 x LED (red/yellow/green), 1 x buzzer	3 x LED (red/yellow/green), 1 x buzzer	3 x LED (red/yellow/green), 1 x buzzer	3 x LED (red/yellow/green), 1 x buzzer	3 x LED (red/yellow/green), 1 x buzzer	3 x LED (red/yellow/green), 1 x buzzer	3 x LED (red/yellow/green), 1 x buzzer	3 x LED (red/yellow/green), 1 x buzzer	3 x LED (red/yellow/green), 1 x buzzer	3 x LED (red/yellow/green), 1 x buzzer	3 x LED (red/yellow/green), 1 x buzzer	3 x LED (red/yellow/green), 1 x buzzer	3 x LED (red/yellow/green), 1 x buzzer	3 x LED (red/yellow/green), 1 x buzzer	3 x LED (red/yellow/green), 1 x buzzer	3 x LED (red/yellow/green), 1 x buzzer	3 x LED (red/yellow/green), 1 x buzzer	3 x LED (red/yellow/green), 1 x buzzer	1 x LED (red/yellow/green), 1 x buzzer	1 x LED (red/yellow/green), 1 x buzzer	3 x LED (red/yellow/green), 1 x buzzer	3 x LED (red/yellow/green), 1 x buzzer	3 x LED (red/yellow/green), 1 x buzzer	3 x LED (red/yellow/green), 1 x buzzer	2 x LED (red/green), 1 x buzzer	1 x LED (red/yellow/green), 1 x buzzer			
Environment	Indoor and outdoor use	Indoor and outdoor use	Indoor and outdoor use	Indoor and outdoor use	Indoor and outdoor use	Indoor and outdoor use	Indoor and outdoor use	Indoor and outdoor use	Indoor and outdoor use	Indoor and outdoor use	Indoor and outdoor use	Indoor and outdoor use	Indoor and outdoor use	Indoor use only	Indoor use only	Indoor and outdoor use	Indoor and outdoor use	Indoor and outdoor use	Indoor and outdoor use	Indoor and outdoor use	Indoor and outdoor use	Indoor and outdoor use	Indoor and outdoor use	Indoor and outdoor use	Indoor and outdoor use	Indoor and outdoor use	Indoor and outdoor use	Indoor and outdoor use	Indoor and outdoor use	Indoor and outdoor use	Indoor and outdoor use	Indoor use only		
Operating temperature	-35 to +50 °C	-10 to +55 °C	-35 to +50 °C	-25 to +70 °C	-25 to +70 °C	-25 to +60 °C	-10 to +55 °C	-10 to +55 °C	-30 to +50 °C	-30 to +50 °C	-30 to +50 °C	-30 to +50 °C	-30 to +50 °C	-30 to +50 °C	-30 to +50 °C	-30 to +50 °C	-30 to +50 °C	-30 to +50 °C	-30 to +50 °C	-30 to +50 °C	0 to +50 °C	-40 to +70 °C (HF100) 0 to +50 °C (BC5311)	-40 to +70 °C (BC270) 0 to +50 °C (BC5311)	-20 to +60 °C	-20 to +60 °C	-20 to +70 °C	-20 to +70 °C	-20 to +70 °C	-20 to +70 °C	-20 to +70 °C	-25 to +60 °C	-25 to +60 °C		
IP rating	IP54	IP55	IP54	IP65	IP65	IP65	IP65	IP65	IP54	IP65	IP55	IP55	IP55	IP30	IP30	IP54	IP65	IP55	IP55	IP55	IP54	IP55	IP66 (BC270)	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP22	IP22	
Housing	Cast metal with security lock	Cast metal	Cast metal with stainless steel keys and security lock	PC/ABS plastic	PC/ABS plastic	ABS plastic	PC/ABS plastic	PC/ABS plastic	Cast metal with clip on ABS front cover	Polycarbonate case, fully encapsulated electronics with stainless steel frame	ABS base with clip on ABS front cover	ABS base with fully encapsulated electronics and clip on ABS front cover	High impact polycarbonate outer casing, with encapsulated electronics	Stainless steel housing with ABS base reader head	Stainless steel housing with ABS base reader head	Cast metal with security lock	Polycarbonate case, fully encapsulated electronics with stainless steel frame	ABS base with clip on ABS front cover	ABS base with fully encapsulated electronics and clip on ABS front cover	High impact polycarbonate outer casing, with encapsulated electronics	UV-resistant ABS plastic	UV-resistant ABS plastic	UV-resistant ABS plastic	PC/ABS plastic	PC/ABS plastic	PC/ABS plastic	PC/ABS plastic	PC/ABS plastic	PC/ABS plastic	Synthetic ABS/PBT	PC/ABS plastic	PC/ABS plastic		
Color	Grey	Brushed aluminum	Grey	Silver (RAL9006)	Silver (RAL9006)	Silver (RAL9006)	Silver (RAL9006)	Silver (RAL9006)	Grey	Black and stainless steel	White	White	Black	Stainless steel	Stainless steel	Grey	Black and stainless steel	White	Black	Black	Light grey	Light grey	Light grey	Silver (RAL 9006)	Silver (RAL 9006)	Silver (RAL 9006)	Silver (RAL 9006)	Silver (RAL 9006)	Silver (RAL 9006)	Silver (RAL 9006)	Silver (RAL 9006)	Silver (RAL 9006)	Silver (RAL 9006)	
Dimensions (W x H x D)	80 x 140 x 40 mm	29 x 124 x 28 mm	110 x 160 x 47 mm	With mounting frame 85.5 x 91 x 40 mm W/o mounting frame 85.5 x 91 x 23 mm	With mounting frame 85.5 x 91 x 40 mm W/o mounting frame 85.5 x 91 x 23 mm	40 x 100 x 25 mm	48 x 147 x 30 mm	48 x 147 x 30 mm	80 x 140 x 40 mm	100 x 128 x 18 mm	40 x 140 x 18.5 mm	86 x 86 x 14 mm	68 x 73 x 13.5 mm	64 x 250 x 64 mm	70 x 250 x 60 mm	80 x 140 x 40 mm	100 x 128 x 18 mm	40 x 140 x 18.5 mm	86 x 86 x 14 mm	68 x 73 x 13.5 mm	220 x 265 x 29.3 mm	BC5311: 110 x 195 x 40 mm HF100: 220 x 265 x 29.3 mm	BC270: 80 x 160 x 56 BC5311: 110 x 195 x 40 mm	With mounting frame 85.5 x 91 x 40 mm W/o mounting frame 85.5 x 91 x 23 mm	With mounting frame 85.5 x 91 x 40 mm W/o mounting frame 85.5 x 91 x 23 mm	With mounting frame 85.5 x 91 x 40 mm W/o mounting frame 85.5 x 91 x 23 mm	With mounting frame 85.5 x 91 x 40 mm W/o mounting frame 85.5 x 91 x 23 mm	48 x 147 x 30 mm	48 x 147 x 30 mm	76 x 120 x 17 mm	85.5 x 91 x 40 mm			
Keypad	Stainless steel keys	No	Stainless steel keys	No	Membrane keys	No	No	Membrane keys	Stainless steel keys	No	No	No	No	No	No	Stainless steel keys	No	No	No	No	No	No	No	No	CE, FCC, UL	CE, FCC, UL	CE	CE	CE	CE	CE	CE	CE, FCC, UL	CE, FCC, UL
Approval	CE	CE	CE	CE	CE	CE	CE	CE	CE	CE	CE	CE	CE	CE	CE	CE	CE	CE	CE	CE	CE	CE	CE	CE	CE, FCC, UL	CE, FCC, UL	CE	CE	CE	CE	CE	CE	CE, FCC, UL	CE, FCC, UL
Accessories	SH2 rain cover IS391 spy-proof cover BB3 flush mounting kit	SH1 universal rain cover	SH4 rain cover BB4 flush mounting kit	SH1 universal rain cover	SH1 universal rain cover	SH1 universal rain cover	SH1 universal rain cover	SH1 universal rain cover	SH2 rain cover IS391 spy-proof cover BB3 flush mounting kit	None	BB6 flush mounting kit	None	None	None	None	SH2 rain cover IS391 spy-proof cover BB3 flush mounting kit	None	BB6 flush mounting kit	None	None	None	None	None	SH1 universal rain cover	SH1 universal rain cover	SH1 universal rain cover	SH1 universal rain cover	SH1 universal rain cover	SH1 universal rain cover	SH1 universal rain cover	SH1 universal rain cover	SH1 universal rain cover	SH1 universal rain cover	
Compatible cards/tags	None	IB1	IB1	ABR5100-PR ABR5100-BL ABR5100-TG	ABR5100-PR ABR5100-BL ABR5100-TG	ABR5100-PR ABR5100-BL ABR5100-TG	ABR5100-PR ABR5100-BL ABR5100-TG	ABR5100-PR ABR5100-BL ABR5100-TG	IB41-EM, IB42-EM IB44-EM, IB45-EM	IB41-EM, IB42-EM IB44-EM, IB45-EM	IB41-EM, IB42-EM IB44-EM, IB45-EM	IB41-EM, IB42-EM IB44-EM, IB45-EM	IB41-EM, IB42-EM IB44-EM, IB45-EM	IB41-EM, IB42-EM IB44-EM, IB45-EM	IB41-EM, IB42-EM IB44-EM, IB45-EM	IB928, IB911, IB968 IB961, IB958M	IB928, IB911, IB968 IB961, IB958M	IB928, IB911, IB968 IB961, IB958M	IB928, IB911, IB968 IB961, IB958M	IB928, IB911, IB968 IB961, IB958M	IB928, IB911, IB970 IB968, IB961, IB958M	IB928, IB911, IB970 IB968, IB961, IB958M	IB928, IB911, IB970	ABP5100-PR ABP5100-BL	ABP5100-PR ABP5100-BL	ABP5100-PR ABP5100-BL	ABP5100-PR ABP5100-BL	ABP5100-PR ABP5100-BL	ABP5100-PR ABP5100-BL	ABP5100-PR ABP5100-BL	ABP5100-PR ABP5100-BL	ABP5100-PR ABP5100-BL		
Order no.	S24246-F8400-A1	S24246-F4100-A1	S24246-F4101-A1	6FL1710-8AD	6FL1710-8AE	S24246-Z3900-A1	6FL1711-8AD	6FL1711-8AE	S54501-F1-A1	S24246-F3901-A1	S24246-F3913-A1	S24246-F3902-A1	S24246-F3903-A1	S24246-F8504-A1	S24246-F8505-A1	S54501-F1-A2	S24246-F4703-A1	S24246-F4706-A1	S24246-F4704-A1	S24246-F4705-A1	S24246-F4106-A1	S24246-F4701-A1	S24246-F4702-A1	6FL1710-8BK	6FL1710-8BL	6FL1710-8AH	6FL1710-8AJ	6FL1711-8AK	6FL1711-8AL	6FL1710-8DK	6FL1710-8CK			

Cards

	Magnetic Stripe			Proximity 125 kHz						Cotag					Smart Card 13.56 MHz		Accessories							
	IB1	ABR5100-PR	ABR5100-BL	ABR5100-TG	IB41-EM	IB42-EM	IB44-EM	IB45-EM	IB928	IB911	IB970	IB968	IB961	IB958M	ABP5100-PR	ABP5100-BL	SH1	SH2	SH4	IS391	BB3	BB4	BB6	
Description	Magnetic stripe card with CR80 ISO format (track 2). Card number on back.	Pre-printed ISO cards compliant with the SiPass algorithm. Can be used with the readers AR56311-RX, AR6331-CP, AR6332-CP, AR6181-RX and AR6182-RX. Card number on back.	Blank, printable ISO cards compliant with the SiPass algorithm. Can be used with the readers AR56311-RX, AR6331-CP, AR6332-CP, AR6181-RX and AR6182-RX. Card number on back.	SiPass proximity keyring tag. Can be used with readers AR56311-RX, AR6331-CP, AR6332-CP, AR6181-RX and AR6182-RX. Card number on back.	Printed ISO cards compliant with EM4102 reading technology. Can be used with the readers xx500-EM, PD30-EM and PD40-EM. Cards also include magnetic stripe and card number on back.	Blank printable ISO card compliant with EM4102 reading technology. Can be used with the readers xx500-EM, PD30-EM and PD40-EM. Card number on front.	Keyring tag with Siemens logo, compliant with EM4102 reading technology. Can be attached to existing magnetic stripe cards when adding EM4102 readers to an existing magstripe installation. Card number on back.	Adhesive tag with Siemens logo, compliant with EM4102 reading technology. Can be attached to existing magnetic stripe cards when adding EM4102 readers to an existing magstripe installation. Card number on back.	Active Cotag clamshell card including lithium battery. Suitable for use with all Cotag readers in this brochure. Card number on back.	Active Cotag keyring tag. Suitable for use with BC5516-Cotag loop reader. Card number on back.	Active Cotag vehicle tag. Suitable for use with all Cotag readers in this brochure. Card number on back.	Passive Cotag clamshell card. Suitable for use with all Cotag readers in this brochure except BC5516-Cotag. Card number on back.	Passive Cotag keyring tag. Suitable for use with all Cotag readers in this brochure except BC5516-Cotag. Card number on back.	Passive Cotag printable ISO card. Suitable for use with all the Smart Card readers in this brochure.	Blank printable Mifare Classic 1k ISO card. Suitable for use with all the Smart Card readers in this brochure.	Pre-printed Mifare Classic 1k ISO card. Suitable for use with all the Smart Card readers in this brochure.	Blank printable Mifare Classic 1k ISO card. Suitable for use with all the Smart Card readers in this brochure.	SH1 is a universal protective cover for card readers. It is recommended for use in outdoor installations.	SH2 is a protective cover for the PP500-EM, PP500-Cotag and M43. It can be used for both new and existing installations. There are cuttings for cables.	SH4 is a protective cover for the BC43. There are cuttings for cables to simplify the process of adding it to an existing installation.	IS391 is a spy-proof cover designed for use with the PP500-EM, PP500-Cotag and M43 when a higher level of security is required.	BB3 is a flush mounting kit designed to provide an unobtrusive and aesthetically appealing installation of the PP500-EM, PP500-Cotag and M43.	BB4 is a flush mounting kit designed to provide an unobtrusive and aesthetically appealing installation of the BC43.	BB6 is a flush mounting kit designed to provide an unobtrusive and aesthetically appealing installation of the PP500-EM and PP500-Cotag. It hides the reader.
Quantity in order	100	10	10	10	1	1	1	1	1	1	1	1	1	1	10	10	1	1	1	1	1	1	1	
Dimensions (W x H x D)	54 x 86 x 0.76 mm	54 x 86 x 0.76 mm	54 x 86 x 0.76 mm	29.80 x 44.90 x 1.55 mm	54 x 86 x 0.76 mm	54 x 86 x 0.76 mm	29.95 x 36.35 x 7.25 mm	Diameter 3																