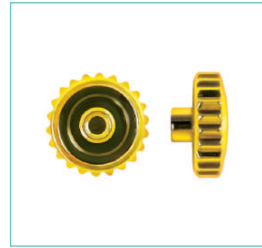


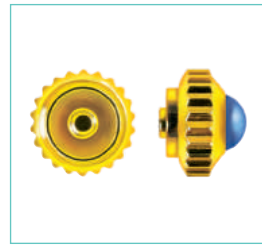
COURONNES CROWNS KRONEN CORONAS CORONE COROAS

Couronnes simples
Regular crowns
 Einfache Kronen
Coronas sencillas
 Corone semplici
Coroas simples



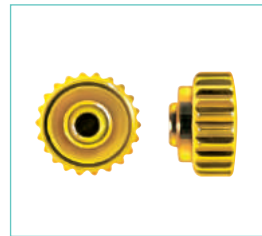
4

Couronnes antipoussière
Dustproof crowns
 Staubgeschützte Kronen
Coronas antipolvo
 Corone antipolvere
Coroas anti-poeira



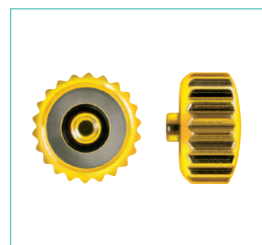
8

Couronnes antipoussière demi-boule
Dustproof domed crowns
 Staubgeschützte Halbkugelkronen
Coronas antipolvo media bola
 Corone antipolvere demiboule
Coroas anti-poeira meia bola



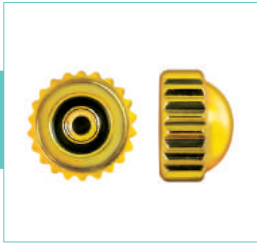
12

Couronnes étanches
Waterproof crowns
 Wasserdichte Kronen
Coronas herméticas
 Corone impermeabili
Coroas estanques



14

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Couronnes étanches demi-boule
Waterproof domed crowns
Wasserdichte Halbkugel Kronen
Coronas herméticas media bola
Corone impermeabili demiboule
Coroas estanques meia bola

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Couronnes japonaises
Japanese crowns
Japanische Kronen
Coronas japonesas
Corone giapponesi
Coroas japonesas

47



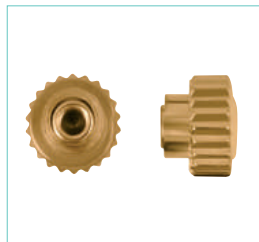
Couronnes pour montres de poche
Pocket watches crowns
Kronen für Taschenuhren
Coronas para relojes de bolsillo
Corone per orologi da tasca
Coroas para relógios de bolso

Couronnes à vis
Screw-on crowns
Schraubkronen
Coronas de rosca
Corone a vite
Coroas de rosca



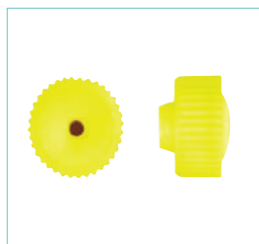
51

Couronnes de marque
Brand crowns
Markenkronen
Coronas de marca
Corone di marca
Coroas de marca



66

















Couronnes de travail
Working crowns
Arbeitskronen
Coronas de trabajo
Corone di lavoro
Coroas de trabalho



71



Couronne simple couleur acier et jaune, **canon court** ; acier inoxydable.
 Steel colour and yellow regular crown, **short pipe** ; stainless steel.
 Stahlfarbe und gelbe einfache Krone, **kurzes Rohr** ; Edelstahl.
 Corona sencilla color acero y amarilla, **cañón corto** ; acero inoxidable.
 Corona semplice colore acciaio e gialla, **cannotto corto** ; acciaio inossidabile.
 Coroa simples cor aço e amarela, **canhão curto** ; aço inoxidável.

MSA	Couleur acier/Steel colour	Ø mm	Ø Tar./Tap. mm	MSA	Jaune/Yellow
82.001-070*		2.50	0.70	82.201-070*	
82.001-080*		2.50	0.80	82.201-080*	
82.001-090*		2.50	0.90	82.201-090	
82.002-070		3.00	0.70	82.202-070*	
82.002-080		3.00	0.80	82.202-080	
82.002-090		3.00	0.90	82.202-090	
82.003-070		3.50	0.70	82.203-070*	
82.003-080		3.50	0.80	82.203-080*	
82.003-090		3.50	0.90	82.203-090	
82.004-090		3.80	0.90	82.204-090	
82.005-090		4.00	0.90	82.205-090	
82.006-090		4.50	0.90	82.206-090	
82.007-090		5.00	0.90	82.207-090	
-		5.50	0.70	82.208-070*	
82.008-090		5.50	0.90	82.208-090	

Kg 0.001 * Jusqu'à épuisement des stocks / Will be discontinued after end of stock / Solange Vorrat /
 Hasta agotamiento del stock / Fino ad esaurimento dello stock / Até esgotamento do stock

1/1

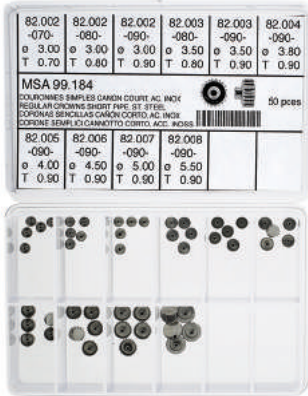


Couronne simple, **canon court** ; laiton nickelé.
 Regular crown, **short pipe** ; nickel-plated brass.
 Einfache Krone, **kurzes Rohr** ; vernickeltem Messing.
 Corona sencilla, **cañón corto** ; latón niquelado.
 Corona semplice, **cannotto corto** ; ottone nichelato.
 Coroa simples, **canhão curto** ; latão niquelado.

MSA	1/1	Ø mm	Ø T mm
82.009-120		5.00	1.20

Kg 0.001

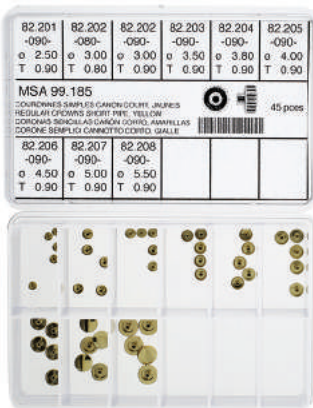
1/1



MSA	Qt.	Kg
99.184	50x	0.028

Assortiment de couronnes simples couleur acier, **canon court** ; acier inoxydable.
Assortiment of steel colour regular crowns, **short pipe** ; stainless steel.
Sortiment von Stahlfarbe einfache Kronen, **kurzes Rohr** ; Edelstahl.
Sortido de coronas sencillas color acero, **cañón corto** ; acero inoxidable.
Assortimento di corone semplici colore acciaio, **cannotto corto** ; acciaio inossidabile.
Sortido de coroas simples cor aço, **canhão curto** ; aço inoxidável.

Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
10 modèles - models - Modelle - modelos - modelli - modelos
5x MSA82.002-070 /.002-080 /.002-090 /.003-080 /.003-090
/.004-090 /.005-090 /.006-090 /.007-090 /.008-090



















MSA	Qt.	Kg
99.185	45x	0.028

Assortiment de couronnes simples jaunes, **canon court** ; acier inoxydable.
Assortiment of yellow regular crowns, **short pipe** ; stainless steel.
Sortiment von gelbe einfache Kronen, **kurzes Rohr** ; Edelstahl.
Sortido de coronas sencillas amarillas, **cañón corto** ; acero inoxidable.
Assortimento di corone semplici gialle, **cannotto corto** ; acciaio inossidabile.
Sortido de coroas simples amarelas, **canhão curto** ; aço inoxidável.

Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
9 modèles - models - Modelle - modelos - modelli - modelos
5x MSA82.201-090 /.202-080 /.202-090 /.203-090 /.204-090
/.205-090 /.206-090 /.207-090 /.208-090



Couronne simple couleur acier et jaune, **canon long** ; acier inoxydable.
 Steel colour and yellow regular crown, **long pipe** ; stainless steel.
 Stahlfarbe und gelbe einfache Krone, **langes Rohr** ; Edelstahl.
 Corona sencilla color acero y amarilla, **cañón largo** ; acero inoxidable.
 Corona semplice colore acciaio e gialla, **cannotto lungo** ; acciaio inossidabile.
 Coroa simples cor aço e amarela, **canhão longo** ; aço inoxidável.

MSA	Couleur acier/Steel colour	Ø mm	Ø Tar./Tap. mm	MSA	Jaune/Yellow
82.051-070*		2.50	0.70	82.251-070*	
82.051-080*		2.50	0.80	82.251-080*	
82.051-090		2.50	0.90	82.251-090	
82.052-070*		3.00	0.70	82.252-070*	
82.052-080*		3.00	0.80	82.252-080*	
82.052-090		3.00	0.90	82.252-090	
82.053-070*		3.50	0.70	82.253-070*	
82.053-080*		3.50	0.80	82.253-080*	
82.053-090		3.50	0.90	82.253-090	
82.054-090		3.80	0.90	82.254-090	
82.055-090		4.00	0.90	82.255-090	
82.056-090		4.50	0.90	82.256-090	
82.057-090		5.00	0.90	82.257-090	
82.058-090		5.50	0.90	82.258-090	

Kg 0.001

* Jusqu'à épuisement des stocks / Will be discontinued after end of stock / Solange Vorrat /
 Hasta agotamiento del stock / Fino ad esaurimento dello stock / Até esgotamento do stock

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82.051 -090- ø 2.50 T 0.90	82.052 +090- ø 3.00 T 0.90	82.053 -090- ø 3.50 T 0.90	82.054 -090- ø 3.80 T 0.90	82.055 -090- ø 4.00 T 0.90	82.056 -090- ø 4.50 T 0.90
MSA 99.182 COURONNES SIMPLES CANON LONG, AC. INOX. REGULAR CROWN LONG PIPE, ST. STEEL CORONAS SENCILLAS CANON LARGO, AC. INOX. CORONE SEMPLICI CANNOTTO LUNGO, ACC. INOSSI. 40 pcs					
82.057 -090- ø 5.00 T 0.90	82.058 -090- ø 5.50 T 0.90				



MSA	Qt.	Kg
99.182	40x	0.028

Assortiment de couronnes simples couleur acier, **canon long** ; acier inoxydable.

Assortiment of steel colour regular crowns, **long pipe** ; stainless steel.

Sortiment von Stahlfarbe einfache Kronen, **langes Rohr** ; Edelstahl.

Surtido de coronas sencillas en acero inoxidable, **cañón largo** ; color acero.

Assortimento di corone semplici in acciaio inossidabile, **cannotto lungo** ; colore acciaio.

Sortido de coroas simples em aço inoxidável, **canhão longo** ; cor aço.

**Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
8 modèles - models - Modelle - modelos - modelli - modelos
5x MSA82.051-090 /.052-090 /.053-090 /.054-090 /.055-090
/.056-090 /.057-090 /.058-090**

82.251 -090- ø 2.50 T 0.90	82.252 -090- ø 3.00 T 0.90	82.253 -090- ø 3.50 T 0.90	82.254 -090- ø 3.80 T 0.90	82.255 -090- ø 4.00 T 0.90	82.256 -090- ø 4.50 T 0.90
MSA 99.181 COURONNES SIMPLES CANON LONG JAUNES REGULAR CROWNS LONG PIPE, YELLOW CORONAS SENCILLAS CANON LARGO, AMARILLAS CORONE SEMPLICI CANNOTTO LUNGO, GIALLA 40 pcs					
82.257 -090- ø 5.00 T 0.90	82.258 -090- ø 5.50 T 0.90				



MSA	Qt.	Kg
99.181	40x	0.028

Assortiment de couronnes simples jaunes, **canon long** ; acier inoxydable.

Assortiment of yellow regular crowns, **long pipe** ; stainless steel.

Sortiment von gelbe einfache Kronen, **langes Rohr** ; Edelstahl.

Surtido de coronas sencillas amarillas, **cañón largo** ; acero inoxidable.

Assortimento di corone semplici gialle, **cannotto lungo** ; acciaio inossidabile.

Sortido de coroas simples amarelas, **canhão longo** ; aço inoxidável.

**Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
8 modèles - models - Modelle - modelos - modelli - modelos
5x MSA82.251-090 /.252-090 /.253-090 /.254-090 /.255-090
/.256-090 /.257-090 /.258-090**

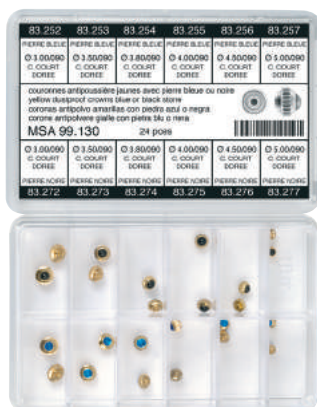


Couronne antipoussière jaune avec pierre bleue ou noire ; acier inoxydable.
 Yellow dustproof crown with blue or black stone ; stainless steel.
 Gelbe staubgeschützte Krone mit blauem oder schwarzem Stein ; Edelstahl.
 Corona antipolvo amarilla con piedra azul o negra ; acero inoxidable.
 Corona antipolvere gialla con pietra blu o nera ; acciaio inossidabile.
 Coroa anti-poeira amarela com pedra azul ou preta ; aço inoxidável.

MSA	Pierre bleue/Blue stone	Ø mm	Ø Tar./Tap. mm	MSA	Pierre noire/Black stone
83.252-090		3.00	0.90	83.272-090	
83.253-090		3.50	0.90	83.273-090	
83.254-090		3.80	0.90	83.274-090	
83.255-090		4.00	0.90	83.275-090	
83.256-090		4.50	0.90	83.276-090	
83.257-090		5.00	0.90	83.277-090	

Kg 0.001

1/1



Assortiment de couronnes antipoussière jaunes avec pierre bleue ou noire ; acier inoxydable.
 Assortment of yellow dustproof crowns with blue or black stone ; stainless steel.
 Sortiment von gelbe staubgeschützte Kronen mit blauem oder schwarzem Stein ; Edelstahl.
 Surtido de coronas antipolvo amarillas con piedra azul o negra ; acero inoxidable.
 Assortimento di corone antipolvere gialle con pietra blu o nera ; acciaio inossidabile.
 Sortido de coroas anti-poeira amarelas com pedra azul ou preta ; aço inoxidável.

MSA	Qt.	Kg
99.130	24x	0.025

Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
12 modèles - models - Modelle - modelos - modelli - modelos
2x MSA83.252-090 /.253-090 /.254-090 /.255-090 /.256-090
/.257-090 /.272-090 /.273-090 /.274-090 /.275-090 /.276-090
/.277-090



Couronne antipoussière couleur acier et jaune avec pierre bleue ou bleu foncé ; acier inoxydable.

Steel colour and yellow dustproof crown with blue or dark blue stone ; stainless steel.

Stahlfarbe und gelbe staubgeschützte Krone mit blauem oder dunkelblauem Stein ; Edelstahl.

Corona antipolvo color acero y amarilla con piedra azul o azul oscuro ; acero inoxidable.

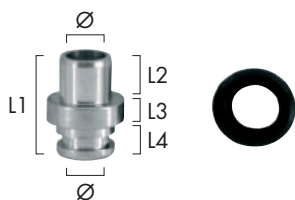
Corona antipolvere colore acciaio e gialla con pietra blu o blu scuro ; acciaio inossidabile.

Coroa anti-poeira cor aço e amarela com pedra azul ou azul escuro ; aço inoxidável.

MSA	Couleur acier/Steel colour	Ø mm	Ø Tar./Tap. mm	Pierre/Stone	MSA	Jaune/Yellow
83.403		4.25	0.90	Bleu/Blue	-	-
83.401		4.35	0.90	Bleu foncé/Dark blue	83.451	
83.405		4.45	0.90	Bleu/Blue	83.453	
83.402		4.45	0.90	Bleu foncé/Dark blue	83.452	
83.404		4.75	0.90	Bleu/Blue	-	-

Kg 0.001

1/1



Tube spécial en acier inoxydable pour couronnes, avec joint MSA43.006.

Stainless steel special crown tube, with gasket MSA43.006.

Spezieller Rohr aus Edelstahl für Kronen, mit Dichtung MSA43.006.

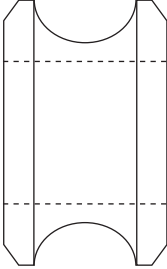
Tubo especial en acero inoxidable para coronas, con junta MSA43.006.

Tubo speciale in acciaio inossidabile per corone, con guarnizione MSA43.006.

Tubo especial em aço inoxidável para coroas, com junta MSA43.006.

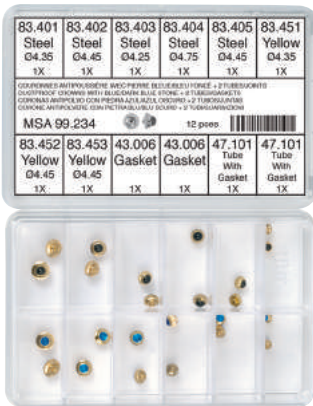
MSA	Ø int. mm	L1 mm	L2 mm	L3 mm	L4 mm	Kg
47.101	1.27	2.50	1.00	0.29	1.21	0.001

10
pcs



Joint pour tube spécial en acier inoxydable MSA47.101 ; sachet de 10 pièces.
 Gasket for stainless steel special tube MSA47.101 ; bag of 10 pieces.
 Dichtung für spezieller Rohr aus Edelstahl MSA47.101 ; Beutel von 10 Stück.
 Junta para tubo especial en acero inoxidable MSA47.101 ; bolsita de 10 piezas.
 Guarnizione per tubo speciale in acciaio inossidabile MSA47.101 ; bustina da 10 pezzi.
 Junta para tubo especial em aço inoxidável MSA47.101 ; saquinho de 10 peças.

MSA	1/1	Ø int./ext. mm	Kg
43.006	○	1.50 x 2.80	0.001



Assortiment de couronnes antipoussière couleur acier et jaunes avec pierre bleue ou bleu foncé, 2 tubes et 2 joints ; acier inoxydable.
 Assortment of steel colour and yellow dustproof crowns with blue or dark blue stone, 2 tubes and 2 gaskets ; stainless steel.
 Sortiment von Stahlfarbe und gelbe staubgeschützte Kronen mit blauem oder dunkelblauem Stein, 2 Röhre und 2 Dichtungen ; Edelstahl.
 Surtido de coronas antipolvo color acero y amarillas con piedra azul o azul oscuro, 2 tubos y 2 juntas ; acero inoxidable.
 Assortimento di corone antipolvere colore acciaio e gialle con pietra blu o blu scuro, 2 tubi e 2 guarnizioni ; acciaio inossidabile.
 Sortido de coroas anti-poeira cor aço e amarelas com pedra azul ou azul escuro, 2 tubos e 2 juntas ; aço inoxidável.

MSA	Qt.	Kg
99.234	8x	0.025

Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
8 modèles - models - Modelle - modelos - modelli - modelos
1xMSA83.401 /.402 /.403 /.404 /.405 /.451 /.452 /.453
2x MSA43.006 /47.101

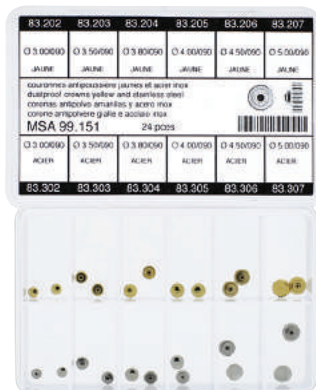


Couronne antipoussière couleur acier et jaune ; acier inoxydable.
 Steel colour and yellow dustproof crown ; stainless steel.
 Stahlfarbe und gelbe staubgeschützte Krone ; Edelstahl.
 Corona antipolvo color acero y amarilla ; acero inoxidable.
 Corona antipolvere colore acciaio e gialla ; acciaio inossidabile.
 Coroa anti-poeira cor aço e amarela ; aço inoxidável.

MSA	Couleur acier/Steel colour	Ø mm	Ø Tar./Tap. mm	MSA	Jaune/Yellow
83.302-090		3.00	0.90	83.202-090	
83.303-090		3.50	0.90	83.203-090	
83.304-090		3.80	0.90	83.204-090	
83.305-090		4.00	0.90	83.205-090	
83.306-090		4.50	0.90	83.206-090	
83.307-090		5.00	0.90	83.207-090	

Kg 0.001

1/1



Assortiment de couronnes antipoussière couleur acier et jaunes ; acier inoxydable.
 Assortment of steel colour and yellow dustproof crowns ; stainless steel.
 Sortiment von Stahlfarbe und gelbe staubgeschützte Kronen ; Edelstahl.
 Surtido de coronas antipolvo color acero y amarillas ; acero inoxidable.
 Assortimento di corone antipolvere colore acciaio e gialle ; acciaio inossidabile.
 Sortido de coroas anti-poeira cor aço e amarelas ; aço inoxidável.

Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
12 modèles - models - Modelle - modelos - modelli - modelos
2x MSA83.202-090 /.203-090 /.204-090 /.205-090 /.206-090
/.207-090 /.302-090 /.303-090 /.304-090 /.305-090 /.306-090
/.307-090

MSA	Qt.	Kg
99.151	24x	0.028

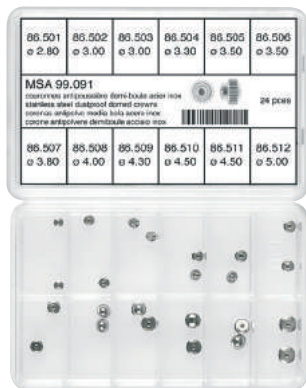


Couronne antipoussière couleur acier et jaune ; acier inoxydable.
Steel colour and yellow dustproof crown ; stainless steel.
 Stahlfarbe und gelbe staubgeschützte Krone ; Edelstahl.
Corona antipolvo color acero y amarilla ; acero inoxidable.
 Corona antipolvere colore acciaio e gialla ; acciaio inossidabile.
Coroa anti-poeira cor aço e amarela ; aço inoxidável.

MSA	Couleur acier/Steel colour	Ø mm	Ø Tar./Tap. mm	MSA	Jaune/Yellow
86.501		2.80	0.90	86.001	
86.502		3.00 Bas/Low	0.90	86.002	
86.503		3.00 Haut/High	0.90	86.003	
86.504		3.30	0.90	86.004	
86.505		3.50 Bas/Low	0.90	86.005	
86.506		3.50 Haut/High	0.90	86.006	
86.507		3.80	0.90	86.007	
86.508		4.00	0.90	86.008	
86.509		4.30	0.90	86.009	
86.510		4.50 Bas/Low	0.90	86.010	
86.511		4.50 Haut/High	0.90	86.011	
86.512		5.00	0.90	86.012	

Kg 0.001

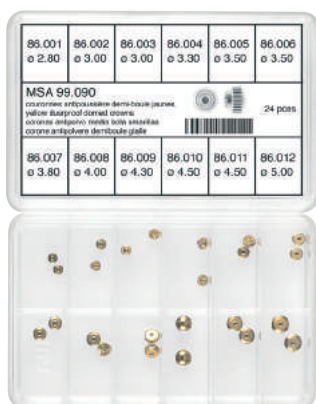
1/1



Assortiment de couronnes antipoussière couleur acier ; acier inoxydable.
Assortment of steel colour dustproof crowns ; stainless steel.
 Sortiment von Stahlfarbe staubgeschützte Kronen ; Edelstahl.
Surtido de coronas antipolvo color acero ; acero inoxidable.
 Assortimento di corone antipolvere colore acciaio ; acciaio inossidabile.
Sortido de coroas anti-poeira cor aço ; aço inoxidável.

Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
12 modèles - models - Modelle - modelos - modelli - modelos
2x MSA86.501 /.502 /.503 /.504 /.505 /.506 /.507 /.508 /.509
/.510 /.511 /.512

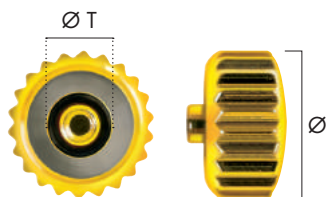
MSA	Qt.	Kg
99.091	24x	0.049



Assortiment de couronnes antipoussière jaunes ; acier inoxydable.
Assortment of yellow dustproof crowns ; stainless steel.
 Sortiment von gelbe staubgeschützte Kronen ; Edelstahl.
Surtido de coronas antipolvo amarillas ; acero inoxidable.
 Assortimento di corone antipolvere gialle ; acciaio inossidabile.
Sortido de coroas anti-poeira amarelas ; aço inoxidável



















Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
12 modèles - models - Modelle - modelos - modelli - modelos
2x MSA86.001 /.002 /.003 /.004 /.005 /.006 /.007 /.008 /.009
/.010 /.011 /.012






























MSA	Qt.	Kg
99.090	24x	0.049














Couronne étanche couleur acier et jaune, **canon court** ; acier inoxydable.
 Steel colour and yellow waterproof crown, **short pipe** ; stainless steel.
 Stahlfarbe und gelbe wasserdichte Krone, **kurzes Rohr** ; Edelstahl.
 Corona hermética color acero y amarilla, **cañón corto** ; acero inoxidable.
 Corona impermeabile colore acciaio e gialla, **cannotto corto** ; acciaio inossidabile.
 Coroa estanque cor aço e amarela, **canhão curto** ; aço inoxidável.

MSA	Couleur acier/Steel colour	Ø mm	Ø T mm	Ø Tar./Tap. mm	MSA	Jaune/Noir Yellow/Black
84.302-070		3.00	1.60	0.70	84.202-070	
84.302-080		3.00	1.60	0.80	84.202-080	
84.302-090		3.00	1.60	0.90	84.202-090	
84.401-090		3.00	1.60	0.90	84.501-090	
84.312-070		3.00	1.80	0.70	84.212-070	
84.312-080		3.00	1.80	0.80	84.212-080	
84.312-090		3.00	1.80	0.90	84.212-090	
84.411-090		3.00	1.80	0.90	84.511-090	
84.303-070		3.50	1.60	0.70	84.203-070	
84.303-080		3.50	1.60	0.80	84.203-080	
84.303-090		3.50	1.60	0.90	84.203-090	
84.402-090		3.50	1.60	0.90	84.502-090	
84.313-070		3.50	1.80	0.70	84.213-070	
84.313-080		3.50	1.80	0.80	84.213-080	
84.313-090		3.50	1.80	0.90	84.213-090	
84.412-090		3.50	1.80	0.90	84.512-090	
84.323-070		3.50	2.00	0.70	84.223-070	
84.323-080		3.50	2.00	0.80	84.223-080	
84.323-090		3.50	2.00	0.90	84.223-090	
84.304-070		3.80	1.60	0.70	84.204-070	
84.304-080		3.80	1.60	0.80	84.204-080	
84.304-090		3.80	1.60	0.90	84.204-090	
84.324-070		3.80	2.00	0.70	84.224-070*	
84.324-080		3.80	2.00	0.80	84.224-080	
84.324-090		3.80	2.00	0.90	84.224-090	
84.403-090		4.00	1.60	0.90	84.503-090	
84.413-090		4.00	1.80	0.90	84.513-090	
84.325-070		4.00	2.00	0.70	84.225-070	
84.325-080		4.00	2.00	0.80	84.225-080	
84.325-090		4.00	2.00	0.90	84.225-090	
84.335-070		4.00	2.50	0.70	84.235-070*	
84.335-080		4.00	2.50	0.80	84.235-080*	
84.335-090		4.00	2.50	0.90	84.235-090	

MSA	Couleur acier/Steel colour	Ø mm	Ø T mm	Ø Tar./Tap. mm	MSA	Jaune/Noir Yellow/Black
84.404-090		4.50	1.60	0.90	84.504-090	
84.414-090		4.50	1.80	0.90	84.514-090	
84.326-090		4.50	2.00	0.90	84.226-090	
84.421-090		4.50	2.00	0.90	-	-
84.336-090		4.50	2.50	0.90	84.236-090	
84.441-090		4.50	2.50	0.90	-	-
84.405-090		5.00	1.60	0.90	84.505-090	
84.415-090		5.00	1.80	0.90	84.515-090	
84.327-090		5.00	2.00	0.90	84.227-090	
84.422-090		5.00	2.00	0.90	-	-
84.337-090		5.00	2.50	0.90	84.237-090	
84.442-090		5.00	2.50	0.90	-	-
84.406-090		5.50	1.60	0.90	84.506-090	
84.416-090		5.50	1.80	0.90	84.516-090	
84.423-090		5.50	2.00	0.90	-	-
84.339-090		5.50	2.50	0.90	84.239-090	
84.443-090		5.50	2.50	0.90	-	-
84.424-090		6.00	2.00	0.90	-	-
84.340-090		6.00	2.50	0.90	-	-
84.444-090		6.00	2.50	0.90	-	-
84.453-090		6.00	3.00	0.90	84.465-090	
84.475-090		6.00	3.50	0.90	84.485-090	
84.425-090		6.50	2.00	0.90	-	-
84.445-090		6.50	2.50	0.90	-	-
84.454-090		6.50	3.00	0.90	84.466-090	
84.476-090		6.50	3.50	0.90	84.486-090	
84.426-090		7.00	2.00	0.90	-	-
84.446-090		7.00	2.50	0.90	-	-

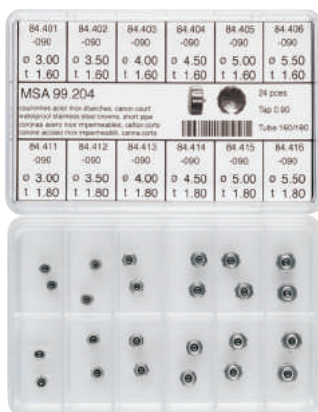
MSA	Couleur acier/Steel colour	Ø mm	Ø T mm	Ø Tar./Tap. mm	MSA	Jaune/Noir Yellow/Black
84.455-090		7.00	3.00	0.90	84.467-090	
84.477-090		7.00	3.50	0.90	84.487-090	
84.427-090		7.50	2.00	0.90	-	-
84.447-090		7.50	2.50	0.90	-	-
84.456-090		7.50	3.00	0.90	84.468-090	
84.478-090		7.50	3.50	0.90	84.488-090	
84.428-090		8.00	2.00	0.90	-	-
84.448-090		8.00	2.50	0.90	-	-
84.457-090		8.00	3.00	0.90	84.469-090	
84.479-090		8.00	3.50	0.90	84.489-090	
84.429-090		8.50	2.00	0.90	-	-
84.449-090		8.50	2.50	0.90	-	-
84.458-090		8.50	3.00	0.90	84.470-090	
84.480-090		8.50	3.50	0.90	84.490-090	
84.430-090		9.00	2.00	0.90	-	-
84.450-090		9.00	2.50	0.90	-	-
84.459-090		9.00	3.00	0.90	84.471-090	
84.481-090		9.00	3.50	0.90	84.491-090	
84.431-090		9.50	2.00	0.90	-	-

MSA	Couleur acier/Steel colour	Ø mm	Ø T mm	Ø Tar./Tap. mm	MSA	Jaune/Noir Yellow/Black
84.451-090		9.50	2.50	0.90	-	-
84.460-090		9.50	3.00	0.90	84.472-090	
84.482-090		9.50	3.50	0.90	84.492-090	
84.432-090		10.00	2.00	0.90	-	-
84.452-090		10.00	2.50	0.90	-	-
84.461-090		10.00	3.00	0.90	84.473-090	
84.483-090		10.00	3.50	0.90	84.493-090	

Kg 0.001

* Jusqu'à épuisement des stocks / Will be discontinued after end of stock / Solange Vorrat /
 Hasta agotamiento del stock / Fino ad esaurimento dello stock / Até esgotamento do stock

1/1



MSA	Qt.	Kg
99.204	24x	0.031

Ø T 1.60 - 1.80 mm

Assortiment de couronnes étanches couleur acier, **canon court** ; acier inoxydable.

Assortiment of steel colour waterproof crowns, **short pipe** ; stainless steel.

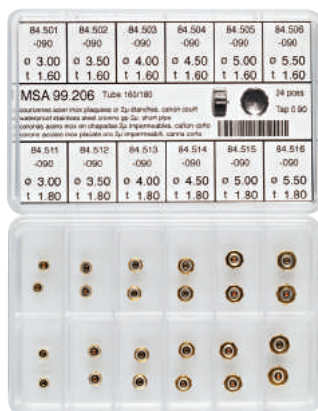
Sortiment von Stahlfarbe wasserdichte Kronen, **kurzes Rohr** ; Edelstahl.

Surtido de coronas herméticas color acero, **cañón corto** ; acero inoxidable.

Assortimento di corone impermeabili colore acciaio, **canotto corto** ; acciaio inossidabile.

Sortido de coroas estanques cor aço, **canhão curto** ; aço inoxidável.

**Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
 12 modèles - models - Modelle - modelos - modelli - modelos
 2x MSA84.401-090 /.402-090 /.403-090 /.404-090 /.405-090
 /.406-090 /.411-090 /.412-090 /.413-090 /.414-090 /.415-090
 /.416-090**



MSA	Qt.	Kg
99.206	24x	0.031

Ø T 1.60 - 1.80 mm

Assortiment de couronnes étanches jaunes, **canon court** ; acier inoxydable.

Assortiment of yellow waterproof crowns, **short pipe** ; stainless steel.

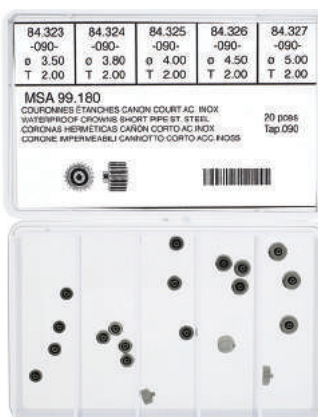
Sortiment von gelbe wasserdichte Kronen, **kurzes Rohr** ; Edelstahl.

Surtido de coronas herméticas amarillas, **cañón corto** ; acero inoxidable.

Assortimento di corone impermeabili gialle, **canotto corto** ; acciaio inossidabile.

Sortido de coroas estanques amarelas, **canhão curto** ; aço inoxidável.

**Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
 12 modèles - models - Modelle - modelos - modelli - modelos
 2x MSA84.501-090 /.502-090 /.503-090 /.504-090 /.505-090
 /.506-090 /.511-090 /.512-090 /.513-090 /.514-090 /.515-090
 /.516-090**



MSA	Qt.	Kg
99.180	20x	0.027

Ø T 2.00 mm

Assortiment de couronnes étanches couleur acier, **canon court** ; acier inoxydable.

Assortiment of steel colour waterproof crowns, **short pipe** ; stainless steel.

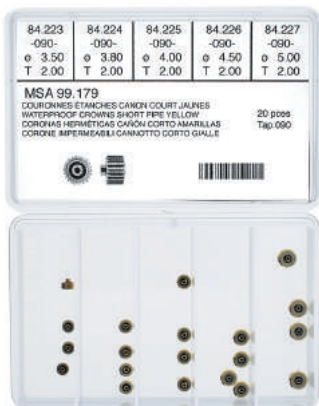
Sortiment von Stahlfarbe wasserdichte Kronen, **kurzes Rohr** ; Edelstahl.

Surtido de coronas herméticas color acero, **cañón corto** ; acero inoxidable.

Assortimento di corone impermeabili colore acciaio, **canotto corto** ; acciaio inossidabile.

Sortido de coroas estanques cor aço, **canhão curto** ; aço inoxidável.

**Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
 5 modèles - models - Modelle - modelos - modelli - modelos
 4x MSA84.323-090 /.324-090 /.325-090 /.326-090 /.327-090**



MSA	Qt.	Kg
99.179	20x	0.027

Ø T 2.00 mm

Assortiment de couronnes étanches jaunes, **canon court** ; acier inoxydable.

Assortiment of yellow waterproof crowns, **short pipe** ; stainless steel.

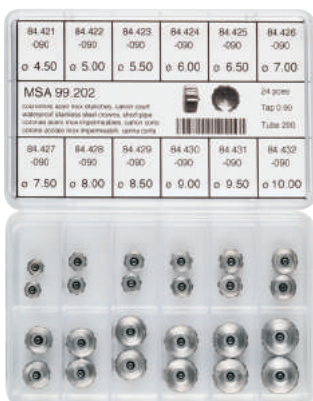
Sortiment von gelbe wasserdichte Kronen, **kurzes Rohr** ; Edelstahl.

Surtido de coronas herméticas amarillas, **cañón corto** ; acero inoxidable.

Assortimento di corone impermeabili gialle, **canotto corto** ; acciaio inossidabile.

Sortido de coroas estanques amarelas, **canhão curto** ; aço inoxidável.

**Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
 5 modèles - models - Modelle - modelos - modelli - modelos
 4x MSA84.223-090 /.224-090 /.225-090 /.226-090 /.227-090**



MSA	Qt.	Kg
99.202	24x	0.025

Ø T 2.00 mm

Assortiment de couronnes étanches couleur acier, **canon court** ; acier inoxydable.

Assortiment of steel colour waterproof crowns, **short pipe** ; stainless steel.

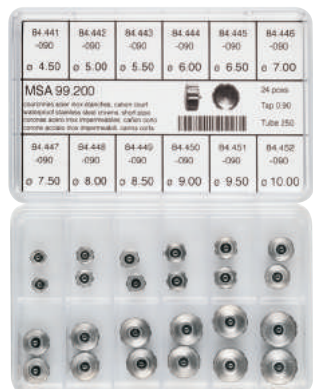
Sortiment von Stahlfarbe wasserdichte Kronen, **kurzes Rohr** ; Edelstahl.

Surtido de coronas herméticas color acero, **cañón corto** ; acero inoxidable.

Assortimento di corone impermeabili colore acciaio, **canotto corto** ; acciaio inossidabile.

Sortido de coroas estanques cor aço, **canhão curto** ; aço inoxidável.

**Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
 12 modèles - models - Modelle - modelos - modelli - modelos
 2x MSA84.421-090 /.422-090 /.423-090 /.424-090 /.425-090
 /.426-090 /.427-090 /.428-090 /.429-090 /.430-090 /.431-090
 /.432-090**



MSA	Qt.	Kg
99.200	24x	0.025

Ø T 2.50 mm

Assortiment de couronnes étanches couleur acier, **canon court** ; acier inoxydable.

Assortiment of steel colour waterproof crowns, **short pipe** ; stainless steel.

Sortiment von Stahlfarbe wasserdichte Kronen, **kurzes Rohr** ; Edelstahl.

Surtido de coronas herméticas color acero, **cañón corto** ; acero inoxidable.

Assortimento di corone impermeabili colore acciaio, **canotto corto** ; acciaio inossidabile.

Sortido de coroas estanques cor aço, **canhão curto** ; aço inoxidável.

**Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
 12 modèles - models - Modelle - modelos - modelli - modelos
 2x MSA84.441-090 /.442-090 /.443-090 /.444-090 /.445-090
 /.446-090 /.447-090 /.448-090 /.449-090 /.450-090 /.451-090
 /.452-090**



MSA	Qt.	Kg
99.261	20x	0.051

Ø T 3.00 - 3.50 mm

Assortiment de couronnes étanches couleur acier, **canon court** ; acier inoxydable.

Assortiment of steel colour waterproof crowns, **short pipe** ; stainless steel.

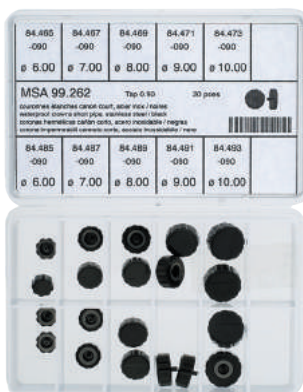
Sortiment von Stahlfarbe wasserdichte Kronen, **kurzes Rohr** ; Edelstahl.

Surtido de coronas herméticas color acero, **cañón corto** ; acero inoxidable.

Assortimento di corone impermeabili colore acciaio, **cannotto corto** ; acciaio inossidabile.

Sortido de coroas estanques cor aço, **canhão curto** ; aço inoxidável.

**Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
 10 modèles - models - Modelle - modelos - modelli - modelos
 2x MSA84.453-090 /.455-090 /.457-090 /.459-090 /.461-090
 /.475-090 /.477-090 /.479-090 /.481-090 /.483-090**



MSA	Qt.	Kg
99.262	20x	0.051

Ø T 3.00 - 3.50 mm

Assortiment de couronnes étanches noires, **canon court** ; acier inoxydable.

Assortiment of black waterproof crowns, **short pipe** ; stainless steel.

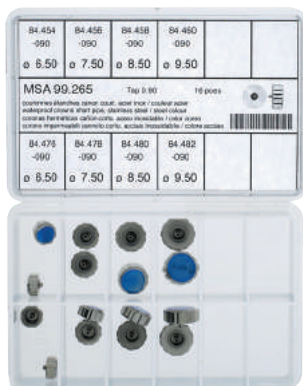
Sortiment von schwarzen wasserdichte Kronen, **kurzes Rohr** ; Edelstahl.

Surtido de coronas herméticas negras, **cañón corto** ; acero inoxidable.

Assortimento di corone impermeabili nere, **cannotto corto** ; acciaio inossidabile.

Sortido de coroas estanques pretas, **canhão curto** ; aço inoxidável.

**Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
 10 modèles - models - Modelle - modelos - modelli - modelos
 2x MSA84.465-090 /.467-090 /.469-090 /.471-090 /.473-090
 /.485-090 /.487-090 /.489-090 /.491-090 /.493-090**



MSA	Qt.	Kg
99.265	16x	0.044

Ø T 3.00 - 3.50 mm

Assortiment de couronnes étanches couleur acier, **canon court** ; acier inoxydable.

Assortiment of steel colour waterproof crowns, **short pipe** ; stainless steel.

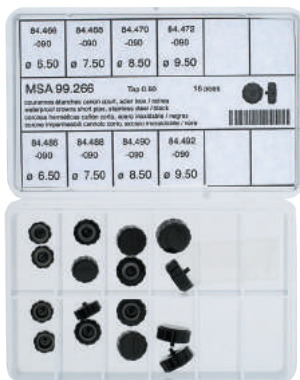
Sortiment von Stahlfarbe wasserdichte Kronen, **kurzes Rohr** ; Edelstahl.

Surtido de coronas herméticas color acero, **cañón corto** ; acero inoxidable.

Assortimento di corone impermeabili colore acciaio, **cannotto corto** ; acciaio inossidabile.

Sortido de coroas estanques cor aço, **canhão curto** ; aço inoxidável.

**Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
 8 modèles - models - Modelle - modelos - modelli - modelos
 2x MSA84.454-090 /.456-090 /.458-090 /.460-090 /.476-090
 /.478-090 /.480-090 /.482-090**



MSA	Qt.	Kg
99.266	16x	0.044

Ø T 3.00 - 3.50 mm

Assortiment de couronnes étanches noires, **canon court** ; acier inoxydable.

Assortiment of black waterproof crowns, **short pipe** ; stainless steel.

Sortiment von schwarzen wasserdichte Kronen, **kurzes Rohr** ; Edelstahl.

Surtido de coronas herméticas negras, **cañón corto** ; acero inoxidable.

Assortimento di corone impermeabili nere, **cannotto corto** ; acciaio inossidabile.

Sortido de coroas estanques pretas, **canhão curto** ; aço inoxidável.

**Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
 8 modèles - models - Modelle - modelos - modelli - modelos
 2x MSA84.466-090 /.468-090 /.470-090 /.472-090 /.486-090
 /.488-090 /.490-090 /.492-090**



MSA	Qt.	Kg
99.269	144x	0.488

Ø T 3.00 - 3.50 mm

Assortiment de couronnes étanches couleur acier, **canons courts et longs** ; acier inoxydable.

Assortiment of steel colour waterproof crowns, **short and long pipes** ; stainless steel.

Sortiment von Stahlfarbe wasserdichte Kronen, **kurzen und langen Rohre** ; Edelstahl.

Surtido de coronas herméticas color acero, **cañones cortos y largos** ; acciaio inossidabile.

Assortimento di corone impermeabili colore acciaio, **cannotti corti e lunghi** ; acciaio inossidabile.

Sortido de coroas estanques cor aço, **canhões curtos e longos** ; aço inoxidável.

**Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
 36 modèles - models - Modelle - modelos - modelli - modelos
 4x MSA84.453-090 /.454-090 /.455-090 /.456-090 /.457-090
 /.458-090 /.459-090 /.460-090 /.461-090 /.475-090 /.476-090
 /.477-090 /.478-090 /.479-090 /.480-090 /.481-090 /.482-090
 /.483-090 /.660-090 /.661-090 /.662-090 /.663-090 /.664-090
 /.665-090 /.666-090 /.667-090 /.668-090 /.680-090 /.681-090
 /.682-090 /.683-090 /.684-090 /.685-090 /.686-090 /.687-090
 /.688-090**



MSA	Qt.	Kg
99.270	144x	0.488

Ø T 3.00 - 3.50 mm

Assortiment de couronnes étanches noires, **canons courts et longs** ; acier inoxydable.

Assortiment of black waterproof crowns, **short and long pipes** ; stainless steel.

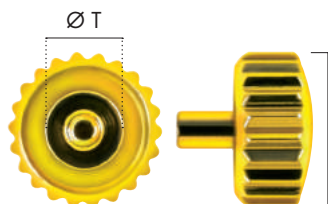
Sortiment von schwarzen wasserdichte Kronen, **kurzen und langen Rohre** ; Edelstahl.

Surtido de coronas herméticas negras, **cañones cortos y largos** ; acciaio inossidabile.

Assortimento di corone impermeabili nere, **cannotti corti e lunghi** ; acciaio inossidabile.


















































Sortido de coroas estanques pretas, **canhões curtos e longos** ; aço inoxidável.































**Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
 36 modèles - models - Modelle - modelos - modelli - modelos
 4x MSA84.465-090 /.466-090 /.467-090 /.468-090 /.469-090
 /.470-090 /.471-090 /.472-090 /.473-090 /.485-090 /.486-090
 /.487-090 /.488-090 /.489-090 /.490-090 /.491-090 /.492-090
 /.493-090 /.670-090 /.671-090 /.672-090 /.673-090 /.674-090
 /.675-090 /.676-090 /.677-090 /.678-090 /.690-090 /.691-090
 /.692-090 /.693-090 /.694-090 /.695-090 /.696-090 /.697-090
 /.698-090**















Couronne étanche couleur acier et jaune, **canon long** ; acier inoxydable.
 Steel colour and yellow waterproof crown, **long pipe** ; stainless steel.
 Stahlfarbe und gelbe wasserdichte Krone, **langes Rohr** ; Edelstahl.
 Corona hermética color acero y amarilla, **cañón largo** ; acero inoxidable.
 Corona impermeabile colore acciaio e gialla, **cannotto lungo** ; acciaio inossidabile.
 Coroa estanque cor aço e amarela, **canhão longo** ; aço inoxidável.

MSA	Couleur acier/Steel colour	Ø mm	Ø T mm	Ø Tar./Top. mm	MSA	Jaune/Noir Yellow/Black
84.352-070		3.00	1.60	0.70	84.252-070	
84.352-080*		3.00	1.60	0.80	84.252-080	
84.352-090		3.00	1.60	0.90	84.252-090	
84.601-090		3.00	1.60	0.90	84.701-090	
84.362-070		3.00	1.80	0.70	84.262-070	
84.362-080*		3.00	1.80	0.80	84.262-080	
84.362-090		3.00	1.80	0.90	84.262-090	
84.611-090		3.00	1.80	0.90	84.711-090	
84.618-090		3.00	2.00	0.90	84.720-090	
84.353-070		3.50	1.60	0.70	84.253-070	
84.353-080*		3.50	1.60	0.80	84.253-080	
84.353-090		3.50	1.60	0.90	84.253-090	
84.602-090		3.50	1.60	0.90	84.702-090	
84.363-070		3.50	1.80	0.70	84.263-070*	
84.363-080*		3.50	1.80	0.80	84.263-080*	
84.363-090		3.50	1.80	0.90	84.263-090	
84.612-090		3.50	1.80	0.90	84.712-090	
84.373-070		3.50	2.00	0.70	84.273-070	
84.373-080		3.50	2.00	0.80	84.273-080	
84.373-090		3.50	2.00	0.90	84.273-090	
84.619-090		3.50	2.00	0.90	84.721-090	
84.374-070*		3.80	2.00	0.70	84.274-070*	
84.374-080*		3.80	2.00	0.80	84.274-080	
84.374-090		3.80	2.00	0.90	84.274-090	
84.603-090		4.00	1.60	0.90	84.703-090	
84.613-090		4.00	1.80	0.90	84.713-090	
84.375-070*		4.00	2.00	0.70	84.275-070*	
-		4.00	2.00	0.80	84.275-080*	
84.375-090		4.00	2.00	0.90	84.275-090	
84.620-090		4.00	2.00	0.90	84.722-090	

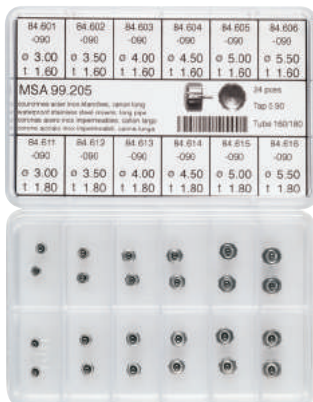
MSA	Couleur acier/Steel colour	Ø mm	Ø T mm	Ø Tar./Tap. mm	MSA	Jaune/Noir Yellow/Black
84.385-070*		4.00	2.50	0.70	84.285-070*	
84.385-080*		4.00	2.50	0.80	-	
84.385-090		4.00	2.50	0.90	84.285-090	
84.604-090		4.50	1.60	0.90	84.704-090	
84.614-090		4.50	1.80	0.90	84.714-090	
84.376-090		4.50	2.00	0.90	84.276-090	
84.621-090		4.50	2.00	0.90	84.723-090	
84.386-090		4.50	2.50	0.90	84.286-090	
84.641-090		4.50	2.50	0.90	-	-
84.605-090		5.00	1.60	0.90	84.705-090	
84.615-090		5.00	1.80	0.90	84.715-090	
84.377-090		5.00	2.00	0.90	84.277-090	
84.622-090		5.00	2.00	0.90	84.724-090	
84.387-090		5.00	2.50	0.90	84.287-090	
84.642-090		5.00	2.50	0.90	-	-
84.606-090		5.50	1.60	0.90	84.706-090	
84.616-090		5.50	1.80	0.90	84.716-090	
84.623-090		5.50	2.00	0.90	84.725-090	
84.389-090		5.50	2.50	0.90	84.289-090	
84.643-090		5.50	2.50	0.90	-	-
84.624-090		6.00	2.00	0.90	-	-
84.644-090		6.00	2.50	0.90	-	-
84.660-090		6.00	3.00	0.90	84.670-090	
84.680-090		6.00	3.50	0.90	84.690-090	
84.625-090		6.50	2.00	0.90	-	-
84.645-090		6.50	2.50	0.90	-	-
84.661-090		6.50	3.00	0.90	84.671-090	
84.681-090		6.50	3.50	0.90	84.691-090	

MSA	Couleur acier/Steel colour	Ø mm	Ø T mm	Ø Tar./Tap. mm	MSA	Jaune/Noir Yellow/Black
84.626-090		7.00	2.00	0.90	-	-
84.646-090		7.00	2.50	0.90	-	-
84.662-090		7.00	3.00	0.90	84.672-090	
84.682-090		7.00	3.50	0.90	84.692-090	
84.627-090		7.50	2.00	0.90	-	-
84.647-090		7.50	2.50	0.90	-	-
84.663-090		7.50	3.00	0.90	84.673-090	
84.683-090		7.50	3.50	0.90	84.693-090	
84.628-090		8.00	2.00	0.90	-	-
84.648-090		8.00	2.50	0.90	-	-
84.664-090		8.00	3.00	0.90	84.674-090	
84.684-090		8.00	3.50	0.90	84.694-090	
84.629-090		8.50	2.00	0.90	-	-
84.649-090		8.50	2.50	0.90	-	-
84.665-090		8.50	3.00	0.90	84.675-090	
84.685-090		8.50	3.50	0.90	84.695-090	
84.630-090		9.00	2.00	0.90	-	-
84.650-090		9.00	2.50	0.90	-	-
84.666-090		9.00	3.00	0.90	84.676-090	
84.686-090		9.00	3.50	0.90	84.696-090	

MSA	Couleur acier/Steel colour	Ø mm	Ø T mm	Ø Tar./Tap. mm	MSA	Jaune/Noir Yellow/Black
84.631-090		9.50	2.00	0.90	-	-
84.651-090		9.50	2.50	0.90	-	-
84.667-090		9.50	3.00	0.90	84.677-090	
84.687-090		9.50	3.50	0.90	84.697-090	
84.632-090		10.00	2.00	0.90	-	-
84.652-090		10.00	2.50	0.90	-	-
84.668-090		10.00	3.00	0.90	84.678-090	
84.688-090		10.00	3.50	0.90	84.698-090	

Kg 0.001 * Jusqu'à épuisement des stocks / Will be discontinued after end of stock / Solange Vorrat /
 Hasta agotamiento del stock / Fino ad esaurimento dello stock / Até esgotamento do stock

1/1



MSA	Qt.	Kg
99.205	24x	0.031

Ø T 1.60 - 1.80 mm

Assortiment de couronnes étanches couleur acier, **canon long** ; acier inoxydable.

Assortiment of steel colour waterproof crowns, **long pipe** ; stainless steel.

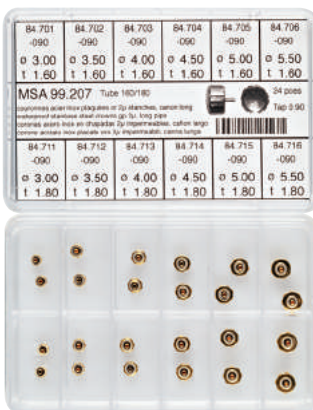
Sortiment von Stahlfarbe wasserdichte Kronen, **langes Rohr** ; Edelstahl.

Sortido de coronas herméticas color acero, **cañón largo** ; acciaio inossidabile.

Assortimento di corone impermeabili colore acciaio, **cannotto lungo** ; acciaio inossidabile.

Sortido de coroas estanques cor aço, **canhão longo** ; aço inoxidável.

**Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
 12 modèles - models - Modelle - modelos - modelli - modelos
 2x MSA84.601-090 /.602-090 /.603-090 /.604-090 /.605-090
 /.606-090 /.611-090 /.612-090 /.613-090 /.614-090 /.615-090
 /.616-090**



MSA	Qt.	Kg
99.207	24x	0.031

Ø T 1.60 - 1.80 mm

Assortiment de couronnes étanches jaunes, **canon long** ; acier inoxydable.

Assortiment of yellow waterproof crowns, **long pipe** ; stainless steel.

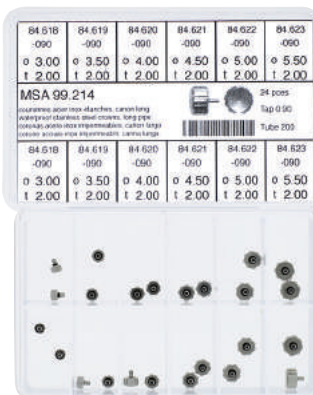
Sortiment von gelbe wasserdichte Kronen, **langes Rohr** , Edelstahl.

Sortido de coronas herméticas amarillas, **cañón largo** ; acero inoxidable.

Assortimento di corone impermeabili gialle, **cannotto lungo** ; acciaio inossidabile.

Sortido de coroas estanques amarelas, **canhão longo** ; aço inoxidável.

**Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
 12 modèles - models - Modelle - modelos - modelli - modelos
 2x MSA84.701-090 /.702-090 /.703-090 /.704-090 /.705-090
 /.706-090 /.711-090 /.712-090 /.713-090 /.714-090 /.715-090
 /.716-090**



MSA	Qt.	Kg
99.214	24x	0.030

Ø T 2.00 mm

Assortiment de couronnes étanches couleur acier, **canon long** ; acier inoxydable.

Assortiment of steel colour waterproof crowns, **long pipe** ; stainless steel.

Sortiment von Stahlfarbe wasserdichte Kronen, **langes Rohr** ; Edelstahl.

Sortido de coronas herméticas color acero, **cañón largo** ; acciaio inossidabile.

Assortimento di corone impermeabili colore acciaio, **cannotto lungo** ; acciaio inossidabile.

Sortido de coroas estanques cor aço, **canhão longo** ; aço inoxidável.

**Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
 6 modèles - models - Modelle - modelos - modelli - modelos
 4x MSA84.618-090 /.619-090 /.620-090 /.621-090 /.622-090
 /.623-090**



MSA	Qt.	Kg
99.215	24x	0.030

Ø T 2.00 mm

Assortiment de couronnes étanches jaunes, **canon long** ; acier inoxydable.

Assortment of yellow waterproof crowns, **long pipe** ; stainless steel.

Sortiment von gelbe wasserdichte Kronen, **langes Rohr**, Edelstahl.

Surtido de coronas herméticas amarillas, **cañón largo** ; acero inoxidable.

Assortimento di corone impermeabili gialle, **cannotto lungo** ; acciaio inossidabile.

Sortido de coroas estanques amarelas, **canhão longo** ; aço inoxidável.

**Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
 6 modèles - models - Modelle - modelos - modelli - modelos
 4x MSA84.720-090 /.721-090 /.722-090 /.723-090 /.724-090
 /.725-090**



MSA	Qt.	Kg
99.203	24x	0.025

Ø T 2.00 mm

Assortiment de couronnes étanches couleur acier, **canon long** ; acier inoxydable.

Assortment of steel colour waterproof crowns, **long pipe** ; stainless steel.

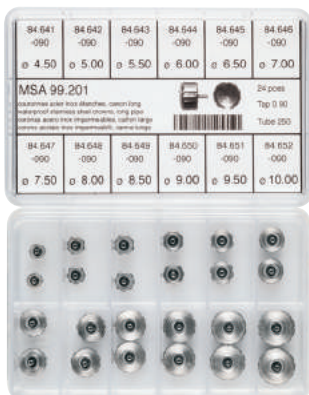
Sortiment von Stahlfarbe wasserdichte Kronen, **langes Rohr** ; Edelstahl.

Surtido de coronas herméticas color acero, **cañón largo** ; acero inoxidable.

Assortimento di corone impermeabili colore acciaio, **cannotto lungo** ; acciaio inossidabile.

Sortido de coroas estanques cor aço, **canhão longo** ; aço inoxidável.

**Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
 12 modèles - models - Modelle - modelos - modelli - modelos
 2x MSA84.621-090 /.622-090 /.623-090 /.624-090 /.625-090
 /.626-090 /.627-090 /.628-090 /.629-090 /.630-090 /.631-090
 /.632-090**



MSA	Qt.	Kg
99.201	24x	0.025

Ø T 2.50 mm

Assortiment de couronnes étanches couleur acier, **canon long** ; acier inoxydable.

Assortment of steel colour waterproof crowns, **long pipe** ; stainless steel.

Sortiment von Stahlfarbe wasserdichte Kronen, **langes Rohr** ; Edelstahl.

Surtido de coronas herméticas color acero, **cañón largo** ; acero inoxidable.

Assortimento di corone impermeabili colore acciaio, **cannotto lungo** ; acciaio inossidabile.

Sortido de coroas estanques cor aço, **canhão longo** ; aço inoxidável.

**Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
 12 modèles - models - Modelle - modelos - modelli - modelos
 2x MSA84.641-090 /.642-090 /.643-090 /.644-090 /.645-090
 /.646-090 /.647-090 /.648-090 /.649-090 /.650-090 /.651-090
 /.652-090**



MSA	Qt.	Kg
99.263	20x	0.051

Ø T 3.00 - 3.50 mm

Assortiment de couronnes étanches couleur acier, **canon court** ; acier inoxydable.

Assortiment of steel colour waterproof crowns, **short pipe** ; stainless steel.

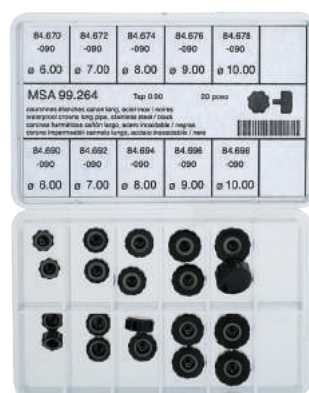
Sortiment von Stahlfarbe wasserdichte Kronen, **kurzes Rohr** ; Edelstahl.

Surtido de coronas herméticas color acero, **cañón corto** ; acero inoxidable.

Assortimento di corone impermeabili colore acciaio, **cannotto corto** ; acciaio inossidabile.

Sortido de coroas estanques cor aço, **canhão curto** ; aço inoxidável.

**Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
 10 modèles - models - Modelle - modelos - modelli - modelos
 2x MSA84.660-090 /.662-090 /.664-090 /.666-090 /.668-090
 /.680-090 /.682-090 /.684-090 /.686-090 /.688-090**



MSA	Qt.	Kg
99.264	20x	0.052

Ø T 3.00 - 3.50 mm

Assortiment de couronnes étanches noires, **canon court** ; acier inoxydable.

Assortiment of black waterproof crowns, **short pipe** ; stainless steel.

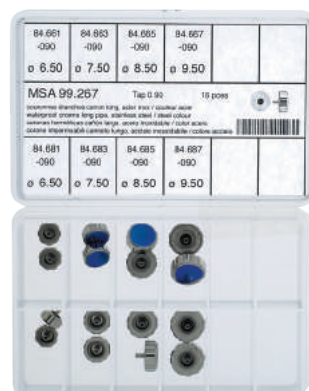
Sortiment von schwarzen wasserdichte Kronen, **kurzes Rohr** ; Edelstahl.

Surtido de coronas herméticas negras, **cañón corto** ; acero inoxidable.

Assortimento di corone impermeabili nere, **cannotto corto** ; acciaio inossidabile.

Sortido de coroas estanques pretas, **canhão curto** ; aço inoxidável.

**Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
 10 modèles - models - Modelle - modelos - modelli - modelos
 2x MSA84.670-090 /.672-090 /.674-090 /.676-090 /.678-090
 /.690-090 /.692-090 /.694-090 /.696-090 /.698-090**



MSA	Qt.	Kg
99.267	16x	0.044

Ø T 3.00 - 3.50 mm

Assortiment de couronnes étanches couleur acier, **canon court** ; acier inoxydable.

Assortiment of steel colour waterproof crowns, **short pipe** ; stainless steel.

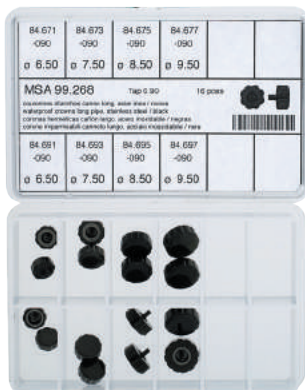
Sortiment von Stahlfarbe wasserdichte Kronen, **kurzes Rohr** ; Edelstahl.

Surtido de coronas herméticas color acero, **cañón corto** ; acero inoxidable.

Assortimento di corone impermeabili colore acciaio, **cannotto corto** ; acciaio inossidabile.

Sortido de coroas estanques cor aço, **canhão curto** ; aço inoxidável.

**Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
 8 modèles - models - Modelle - modelos - modelli - modelos
 2x MSA84.661-090 /.663-090 /.665-090 /.667-090 /.681-090
 /.683-090 /.685-090 /.687-090**



MSA	Qt.	Kg
99.268	16x	0.044

Ø T 3.00 - 3.50 mm

Assortiment de couronnes étanches noires, **canon court** ; acier inoxydable.

Assortiment of black waterproof crowns, **short pipe** ; stainless steel.

Sortiment von schwarzen wasserdichte Kronen, **kurzes Rohr** ; Edelstahl.

Surtido de coronas herméticas negras, **cañón corto** ; acero inoxidable.

Assortimento di corone impermeabili nere, **cannotto corto** ; acciaio inossidabile.

Sortido de coroas estanques pretas, **canhão curto** ; aço inoxidável.

**Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
 8 modèles - models - Modelle - modelos - modelli - modelos
 2x MSA84.671-090 /.673-090 /.675-090 /.677-090 /.691-090
 /.693-090 /.695-090 /.697-090**



MSA	Qt.	Kg
99.269	144x	0.488

Ø T 3.00 - 3.50 mm

Assortiment de couronnes étanches couleur acier, **canons courts et longs** ; acier inoxydable.

Assortiment of steel colour waterproof crowns, **short and long pipes** ; stainless steel.

Sortiment von Stahlfarbe wasserdichte Kronen, **kurzen und langen Rohre** ; Edelstahl.

Surtido de coronas herméticas color acero, **cañones cortos y largos** ; acciaio inossidabile.

Assortimento di corone impermeabili colore acciaio, **cannotti corti e lunghi** ; acciaio inossidabile.

Sortido de coroas estanques cor aço, **canhões curtos e longos** ; aço inoxidável.

**Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
 36 modèles - models - Modelle - modelos - modelli - modelos
 4x MSA84.453-090 /.454-090 /.455-090 /.456-090 /.457-090
 /.458-090 /.459-090 /.460-090 /.461-090 /.475-090 /.476-090
 /.477-090 /.478-090 /.479-090 /.480-090 /.481-090 /.482-090
 /.483-090 /.660-090 /.661-090 /.662-090 /.663-090 /.664-090
 /.665-090 /.666-090 /.667-090 /.668-090 /.680-090 /.681-090
 /.682-090 /.683-090 /.684-090 /.685-090 /.686-090 /.687-090
 /.688-090**



MSA	Qt.	Kg
99.270	144x	0.488

Ø T 3.00 - 3.50 mm

Assortiment de couronnes étanches noires, **canons courts et longs** ; acier inoxydable.

Assortiment of black waterproof crowns, **short and long pipes** ; stainless steel.

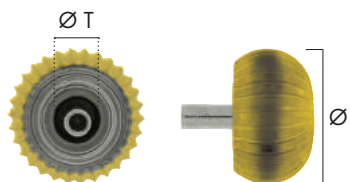
Sortiment von schwarzen wasserdichte Kronen, **kurzen und langen Rohre** ; Edelstahl.

Surtido de coronas herméticas negras, **cañones cortos y largos** ; acciaio inossidabile.














































Assortimento di corone impermeabili nere, **cannotti corti e lunghi** ; acciaio inossidabile.

Sortido de coroas estanques pretas, **canhões curtos e longos** ; aço inoxidável.

**Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
 36 modèles - models - Modelle - modelos - modelli - modelos
 4x MSA84.465-090 /.466-090 /.467-090 /.468-090 /.469-090
 /.470-090 /.471-090 /.472-090 /.473-090 /.485-090 /.486-090
 /.487-090 /.488-090 /.489-090 /.490-090 /.491-090 /.492-090
 /.493-090 /.670-090 /.671-090 /.672-090 /.673-090 /.674-090
 /.675-090 /.676-090 /.677-090 /.678-090 /.690-090 /.691-090
 /.692-090 /.693-090 /.694-090 /.695-090 /.696-090 /.697-090
 /.698-090**



Couronne étanche type Pumpkin couleur acier et jaune ; acier inoxydable.
 Steel colour and yellow waterproof crown Pumpkin type ; stainless steel.
 Stahlfarbe und gelbe wasserdichte Krone Pumpkin Typ ; Edelstahl.
 Corona hermética tipo Pumpkin color acero y amarilla ; acero inoxidable.
 Corona impermeabile tipo Pumpkin colore acciaio e gialla ; acciaio inossidabile.
 Coroa estanque tipo Pumpkin cor aço e amarela ; aço inoxidável.

MSA	Couleur acier / Steel colour	Ø mm	Hauteur tête / Head height mm	Ø T mm	Longueur canon / Pipe length mm	Ø Tar. / Tap. mm	MSA	Jaune / Yellow
84.810-090	 	3.50	2.20	1.80	2.00	0.90	84.910-090	 
84.811-090	 	3.50	2.20	2.00	2.00	0.90	84.911-090	 
84.812-090	 	4.00	2.50	1.80	2.00	0.90	84.912-090	 
84.813-090	 	4.00	2.50	2.00	2.00	0.90	84.913-090	 
84.814-090	 	4.00	2.50	2.50	2.00	0.90	84.914-090	 
84.815-090	 	4.50	2.60	1.80	2.00	0.90	84.915-090	 
84.816-090	 	4.50	2.60	2.00	2.00	0.90	84.916-090	 
84.817-090	 	4.50	2.60	2.50	2.00	0.90	84.917-090	 
84.818-090	 	5.00	3.00	1.80	2.50	0.90	84.918-090	 
84.819-090	 	5.00	3.00	2.00	2.50	0.90	84.919-090	 
84.820-090	 	5.00	3.00	2.50	2.50	0.90	84.920-090	 
84.821-090	 	5.50	3.00	1.80	2.50	0.90	84.921-090	 
84.822-090	 	5.50	3.00	2.00	2.50	0.90	84.922-090	 
84.823-090	 	5.50	3.00	2.50	2.50	0.90	84.923-090	 
84.824-090	 	6.00	3.30	2.00	3.00	0.90	-	-
84.825-090	 	6.00	3.30	2.50	3.00	0.90	-	-
84.826-090	 	6.50	3.50	2.00	3.00	0.90	-	-
84.827-090	 	6.50	3.50	2.50	3.00	0.90	-	-
84.828-090	 	7.00	4.00	2.00	3.00	0.90	-	-
84.829-090	 	7.00	4.00	2.50	3.00	0.90	-	-
84.830-090	 	7.50	4.50	2.00	3.00	0.90	-	-
84.831-090	 	7.50	4.50	2.50	3.00	0.90	-	-
84.832-090	 	8.00	4.50	2.00	3.00	0.90	-	-
84.833-090	 	8.00	4.50	2.50	3.00	0.90	-	-

Kg 0.001

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84.810	84.811	84.812	84.813	84.815	84.816
ø 3,50	ø 3,50	ø 4,00	ø 4,00	ø 4,50	ø 4,50
h 2,20	h 2,20	h 2,50	h 2,50	h 2,60	h 2,60
øT 1,80	øT 2,00	øT 1,80	øT 2,00	øT 1,80	øT 2,00

MSA 99.257 No 0100

COURONNES ÉTANCHES TYPE PUMPKIN COULEUR ACIER / WATERPROOF CROWNS PUMPKIN TYPE STEEL COLOUR / WASSERDICHTE KRONEN TYP PUMPKIN FARBE STAHLFARBE / CORONAS HERMÉTICAS TIPO PUMPKIN COLORES ACERO / CORONE IMPERMEABILI TIPO PUMPKIN COLORE ACCIAIO / COROAS ESTANQUES TIPO PUMPKIN COR AÇO



Assortiment de couronnes étanches type Pumpkin couleur acier ; acier inoxydable.
 Assortment of steel colour waterproof crowns Pumpkin type ; stainless steel.
 Sortiment von Stahlfarbe wasserdichte Kronen Pumpkin Typ ; Edelstahl.
 Surtido de coronas herméticas tipo Pumpkin color acero ; acero inoxidable.
 Assortimento di corone impermeabili tipo Pumpkin colore acciaio ; acciaio inossidabile.
 Sortido de coroas estanques tipo Pumpkin cor aço ; aço inoxidável.

**Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
 12 modèles - models - Modelle - modelos - modelli - modelos
 2x MSA84.810-090 /.811-090 /.812-090 /.813/090 /.815-090
 /.816-090 /.818-090 /.819-090 /.821.090 /.822-090 /.824-090
 /.826-090**

MSA	Qt.	Kg
99.257	24x	0.031

84.910	84.911	84.912	84.913	84.915	84.916
ø 3,50	ø 3,50	ø 4,00	ø 4,00	ø 4,50	ø 4,50
h 2,20	h 2,20	h 2,50	h 2,50	h 2,60	h 2,60
øT 1,80	øT 2,00	øT 1,80	øT 2,00	øT 1,80	øT 2,00

MSA 99.258 No 0100

COURONNES ÉTANCHES TYPE PUMPKIN JAUNES / WATERPROOF CROWNS PUMPKIN TYPE YELLOW / WASSERDICHTE KRONEN TYP PUMPKIN FARBE GELB / CORONAS HERMÉTICAS TIPO PUMPKIN AMARILLAS / CORONE IMPERMEABILI TIPO PUMPKIN GIALLE / COROAS ESTANQUES TIPO PUMPKIN AMARELAS



Assortiment de couronnes étanches type Pumpkin jaunes ; acier inoxydable.
 Assortment of yellow waterproof crowns Pumpkin type ; stainless steel.
 Sortiment von gelbe wasserdichte Kronen Pumpkin Typ ; Edelstahl.
 Surtido de coronas herméticas tipo Pumpkin amarillas ; acero inoxidable.
 Assortimento di corone impermeabili tipo Pumpkin gialle ; acciaio inossidabile.
 Sortido de coroas estanques tipo Pumpkin amarelas ; aço inoxidável.

**Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
 12 modèles - models - Modelle - modelos - modelli - modelos
 2x MSA84.910-090 /.911-090 /.912-090 /.913/090 /.915-090
 /.916-090 /.918-090 /.919-090 /.920.090 /.921-090 /.922-090
 /.923-090**

MSA	Qt.	Kg
99.258	24x	0.031

84.814	84.817	84.820	84.823	84.825	84.827
ø 4,00	ø 4,50	ø 5,00	ø 5,50	ø 6,00	ø 6,50
h 2,50	h 2,60	h 3,00	h 3,00	h 3,50	h 3,50
øT 2,50	øT 2,50	øT 2,50	øT 2,50	øT 2,50	øT 2,50

MSA 99.259 No 0100

COURONNES ÉTANCHES TYPE PUMPKIN COULEUR ACIER / WATERPROOF CROWNS PUMPKIN TYPE STEEL COLOUR / WASSERDICHTE KRONEN TYP PUMPKIN FARBE STAHLFARBE / CORONAS HERMÉTICAS TIPO PUMPKIN COLORES ACERO / CORONE IMPERMEABILI TIPO PUMPKIN COLORE ACCIAIO / COROAS ESTANQUES TIPO PUMPKIN COR AÇO



Assortiment de couronnes étanches type Pumpkin couleur acier ; acier inoxydable.
 Assortment of steel colour waterproof crowns Pumpkin type ; stainless steel.
 Sortiment von Stahlfarbe wasserdichte Kronen Pumpkin Typ ; Edelstahl.
 Surtido de coronas herméticas tipo Pumpkin color acero ; acero inoxidable.
 Assortimento di corone impermeabili tipo Pumpkin colore acciaio ; acciaio inossidabile.
 Sortido de coroas estanques tipo Pumpkin cor aço ; aço inoxidável.

**Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
 12 modèles - models - Modelle - modelos - modelli - modelos
 2x MSA84.814-090 /.817-090 /.820-090 /.823/090 /.825-090
 /.827-090 /.828-090 /.829-090 /.830.090 /.831-090 /.832-090
 /.833-090**

MSA	Qt.	Kg
99.259	24x	0.031



Couronne étanche avec canon coupé à ras et double joint couleur acier et jaune ; acier inoxydable.














Steel colour and yellow waterproof crown with short cut pipe and double gasket ; stainless steel.

Stahlfarbe und gelbe wasserdichte Krone mit kurzes geschnitten Rohr und Doppel Dichtung ; Edelstahl.

Corona hermética con cañón cortado raso y doble junta color acero y amarilla ; acero inoxidable.

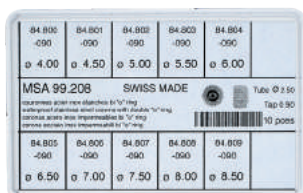
Corona impermeabile con canotto tagliato raso e doppia guarnizione colore acciaio e gialla ; acciaio inossidabile.

Coroa estanque com canhão cortado raso e dupla junta cor aço e amarela ; aço inoxidável.

MSA	Couleur acier/Steel colour	Ø mm	Ø T mm	Ø Tar./Tap. mm	MSA	Jaune/Yellow
84.800-090*		4.00	2.50	0.90	84.900-090*	
84.801-090*		4.50	2.50	0.90	84.901-090*	
84.802-090*		5.00	2.50	0.90	84.902-090*	
-	-	5.50	2.50	0.90	84.903-090*	
84.804-090*		6.00	2.50	0.90	84.904-090*	
-	-	6.50	2.50	0.90	84.905-090*	
-	-	7.00	2.50	0.90	84.906-090*	
84.807-090*		7.50	2.50	0.90	84.907-090*	
84.808-090*		8.00	2.50	0.90	84.908-090*	
84.809-090*		8.50	2.50	0.90	84.909-090*	

Kg 0.001 * Jusqu'à épuisement des stocks / Will be discontinued after end of stock / Solange Vorrat / Hasta agotamiento del stock / Fino ad esaurimento dello stock / Até esgotamento do stock

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MSA	Qt.	Kg
99.208*	10x	0.031

Assortiment de couronnes étanches avec canon coupé à ras et double joint couleur acier ; acier inoxydable.

Assortiment of steel colour waterproof crown with short cut pipe and double gasket ; stainless steel.

Sortiment von Stahlfarbe wasserdichte Kronen mit kurzes geschnitten Rohr und Doppel Dichtung ; Edelstahl.

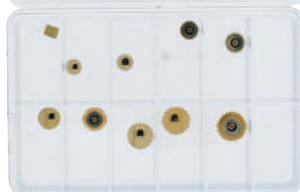
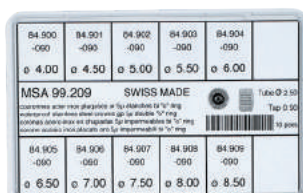
Surtido de coronas herméticas con cañón cortado raso y doble junta color acero ; acero inoxidable.

Assortimento di corone impermeabili con canotto tagliato raso e doppia guarnizione colore acciaio ; acciaio inossidabile.

Sortido de coroas estanques com canhão cortado raso e dupla junta cor aço ; aço inoxidável.

**Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
 10 modèles - models - Modelle - modelos - modelli - modelos
 1x MSA84.800-090 / .801-090 / .802-090 / .803/090 / .804-090
 / .805-090 / .806-090 / .807-090 / .808.090 / .809-090**

* Jusqu'à épuisement des stocks / Will be discontinued after end of stock / Solange Vorrat /
 Hasta agotamiento del stock / Fino ad esaurimento dello stock / Até esgotamento do stock



MSA	Qt.	Kg
99.209*	10x	0.031

Assortiment de couronnes étanches avec canon coupé à ras et double joint jaunes ; acier inoxydable.

Assortment of yellow waterproof crown with short cut pipe and double gasket ; stainless steel.

Sortiment von gelbe wasserdichte Kronen mit kurzes geschnitten Rohr und Doppel Dichtung ; Edelstahl.

Surtido de coronas herméticas con cañón cortado raso y doble junta amarillas ; acero inoxidable.

Assortimento di corone impermeabili con canotto tagliato raso e doppia guarnizione gialle ; acciaio inossidabile.

Sortido de coroas estanques com canhão cortado raso e dupla junta amarelas ; aço inoxidável.





















**Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
 10 modèles - models - Modelle - modelos - modelli - modelos
 1x MSA84.900-090 / .901-090 / .902-090 / .903/090 / .904-090
 / .905-090 / .906-090 / .907-090 / .908.090 / .909-090**

* Jusqu'à épuisement des stocks / Will be discontinued after end of stock / Solange Vorrat /
 Hasta agotamiento del stock / Fino ad esaurimento dello stock / Até esgotamento do stock



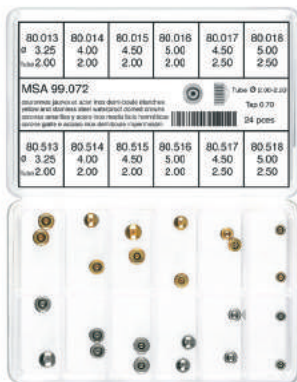
Couronne étanche demi-boule couleur acier et jaune ; acier inoxydable.
 Steel colour and yellow waterproof domed crown ; stainless steel.
 Stahlfarbe und gelbe wasserdichte Halbkugel Krone ; Edelstahl.
 Corona hermética media bola color acero y amarilla ; acero inoxidable.
 Corona impermeabile demiboule colore acciaio e gialla ; acciaio inossidabile.
 Coroa estanque meia bola cor aço e amarela ; aço inoxidável.

MSA	Couleur acier/Steel colour	Ø mm	Ø T mm	Ø Tar./Tap. mm	Dôme/Dome	MSA	Jaune/Yellow
80.501-070		2.80	1.60	0.70	-	80.001-070	
80.501-080		2.80	1.60	0.80	-	80.001-080	
80.501		2.80	1.60	0.90	-	80.001	
80.502-070		3.00	1.60	0.70	Bas/Low	80.002-070	
80.502-080		3.00	1.60	0.80	Bas/Low	80.002-080	
80.502		3.00	1.60	0.90	Bas/Low	80.002	
80.503-070		3.00	1.60	0.70	Haut/High	80.003-070	
80.503-080		3.00	1.60	0.80	Haut/High	80.003-080	
80.503		3.00	1.60	0.90	Haut/High	80.003	
80.507-070		3.00	1.80	0.70	-	80.007-070	
80.507-080		3.00	1.80	0.80	-	80.007-080	
80.507		3.00	1.80	0.90	-	80.007	
80.513-070		3.25	2.00	0.70	-	80.013-070	
80.513-080		3.25	2.00	0.80	-	80.013-080	
80.513		3.25	2.00	0.90	-	80.013	
80.504-070		3.50	1.60	0.70	Bas/Low	80.004-070	
80.504-080		3.50	1.60	0.80	Bas/Low	80.004-080	
80.504		3.50	1.60	0.90	Bas/Low	80.004	
80.505-070		3.50	1.60	0.70	Haut/High	80.005-070	
80.505-080		3.50	1.60	0.80	Haut/High	80.005-080	
80.505		3.50	1.60	0.90	Haut/High	80.005	
80.508-070		3.50	1.80	0.70	-	80.008-070	
80.508-080		3.50	1.80	0.80	-	80.008-080	
80.508		3.50	1.80	0.90	-	80.008	
80.510-070		3.50	2.00	0.70	Bas/Low	80.010-070	
80.510-080		3.50	2.00	0.80	Bas/Low	80.010-080	
80.510		3.50	2.00	0.90	Bas/Low	80.010	
80.511-070		3.50	2.00	0.70	Haut/High	80.011-070	
80.511-080		3.50	2.00	0.80	Haut/High	80.011-080	
80.511		3.50	2.00	0.90	Haut/High	80.011	
80.512-070		3.75	2.00	0.70	-	80.012-070	
80.512-080		3.75	2.00	0.80	-	80.012-080	
80.512		3.75	2.00	0.90	-	80.012	
80.506-070		4.00	1.60	0.70	-	80.006-070	
80.506-080		4.00	1.60	0.80	-	80.006-080	
80.506		4.00	1.60	0.90	-	80.006	

MSA	Couleur acier/Steel colour	Ø mm	Ø T mm	Ø Tar./Tap. mm	Dôme/Dome	MSA	Jaune/Yellow
80.509-070		4.00	1.80	0.70	-	80.009-070	
80.509-080		4.00	1.80	0.80	-	80.009-080	
80.509		4.00	1.80	0.90	-	80.009	
80.514-070		4.00	2.00	0.70	-	80.014-070	
80.514-080		4.00	2.00	0.80	-	80.014-080	
80.514		4.00	2.00	0.90	-	80.014	
80.515-070		4.50	2.00	0.70	-	80.015-070	
80.515-080		4.50	2.00	0.80	-	80.015-080	
80.515		4.50	2.00	0.90	-	80.015	
80.517-070		4.50	2.50	0.70	-	80.017-070	
80.517-080		4.50	2.50	0.80	-	80.017-080	
80.517		4.50	2.50	0.90	-	80.017	
80.516-070		5.00	2.00	0.70	-	80.016-070	
80.516-080		5.00	2.00	0.80	-	80.016-080	
80.516		5.00	2.00	0.90	-	80.016	
80.518-070		5.00	2.50	0.70	-	80.018-070	
80.518-080		5.00	2.50	0.80	-	80.018-080	
80.518		5.00	2.50	0.90	-	80.018	
80.519		5.50	2.00	0.90	-	80.019	
80.520		5.50	2.50	0.90	-	80.020	
80.521		6.00	2.00	0.90	-	80.021	
80.522		6.00	2.50	0.90	-	80.022	

Kg 0.001

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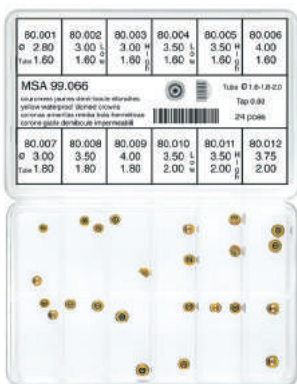


MSA	Qt.	Kg
99.072	24x	0.049

**Ø taraudage/tap/Gewinde/rosca/maschiatura/rosca 0.70 mm
 Ø T 2.00 - 2.50 mm**

Assortiment de couronnes étanches demi-boule couleur acier et jaunes ; acier inoxydable.
 Assortiment of steel colour and yellow waterproof domed crowns ; stainless steel.
 Sortiment von Stahlfarbe und gelbe wasserdichte Halbkugel Kronen ; Edelstahl.
 Surtido de coronas herméticas media bola color acero y amarillas ; acero inoxidable.
 Assortimento di corone impermeabili demiboule colore acciaio e gialle ; acciaio inossidabile.
 Sortido de coroas estanques meia bola cor aço e amarelas ; aço inoxidável.

**Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
 12 modèles - models - Modelle - modelos - modelli - modelos
 2x MSA80.013-070 /.014-070 /.015-070 /.016-070 /.017-070
 /.018-070 /.513-070 /.514-070 /.515-070 /.516-070 /.517-070
 /.518-070**

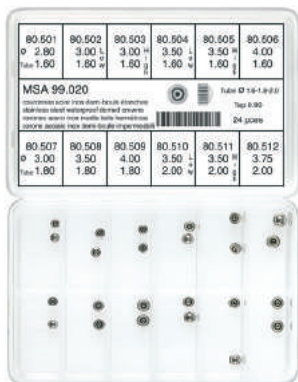


MSA	Qt.	Kg
99.066	24x	0.049

**Ø taraudage/tap/Gewinde/rosca/maschiatura/rosca 0.80 mm
 Ø T 1.60 - 1.80 - 2.00 mm**

Assortiment de couronnes étanches demi-boule jaunes ; acier inoxydable.
 Assortiment of yellow waterproof domed crowns ; stainless steel.
 Sortiment von gelbe wasserdichte Halbkugel Kronen ; Edelstahl.
 Surtido de coronas herméticas media bola amarillas ; acero inoxidable.
 Assortimento di corone impermeabili demiboule gialle ; acciaio inossidabile.
 Sortido de coroas estanques meia bola amarelas ; aço inoxidável.

**Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
 12 modèles - models - Modelle - modelos - modelli - modelos
 2x MSA80.001-080 /.002-080 /.003-080 /.004-080 /.005-080
 /.006-080 /.007-080 /.008-080 /.009-080 /.010-080 /.011-080
 /.012-080**

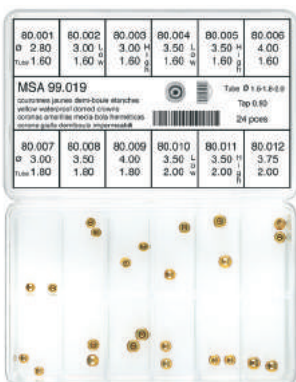


**Ø taraudage/tap/Gewinde/rosca/maschiatura/rosca 0.90 mm
 Ø T 1.60 - 1.80 - 2.00 mm**

Assortiment de couronnes étanches demi-boule couleur acier ; acier inoxydable.
 Assortment of steel colour waterproof domed crowns ; stainless steel.
 Sortiment von Stahlfarbe wasserdichte Halbkugel Kronen ; Edelstahl.
 Surtido de coronas herméticas media bola color acero ; acero inoxidable.
 Assortimento di corone impermeabili demiboule colore acciaio ; acciaio inossidabile.
 Sortido de coroas estanques meia bola cor aço ; aço inoxidável.

**Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
 12 modèles - models - Modelle - modelos - modelli - modelos
 2x MSA80.501 /.502 /.503 /.504 /.505 /.506 /.507 /.508 /.509
 /.510 /.511 /.512**

MSA	Qt.	Kg
99.020	24x	0.049

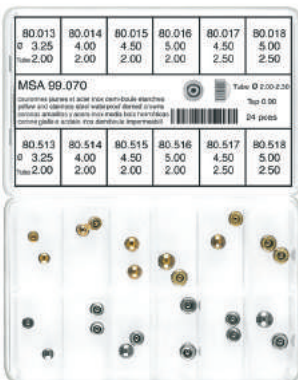


**Ø taraudage/tap/Gewinde/rosca/maschiatura/rosca 0.90 mm
 Ø T 1.60 - 1.80 - 2.00 mm**

Assortiment de couronnes étanches demi-boule jaunes ; acier inoxydable.
 Assortment of yellow waterproof domed crowns ; stainless steel.
 Sortiment von gelbe wasserdichte Halbkugel Kronen ; Edelstahl.
 Surtido de coronas herméticas media bola amarillas ; acero inoxidable.
 Assortimento di corone impermeabili demiboule gialle ; acciaio inossidabile.
 Sortido de coroas estanques meia bola amarelas ; aço inoxidável.

**Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
 12 modèles - models - Modelle - modelos - modelli - modelos
 2x MSA80.001 /.002 /.003 /.004 /.005 /.006 /.007 /.008 /.009
 /.010 /.011 /.012**

MSA	Qt.	Kg
99.019	24x	0.049

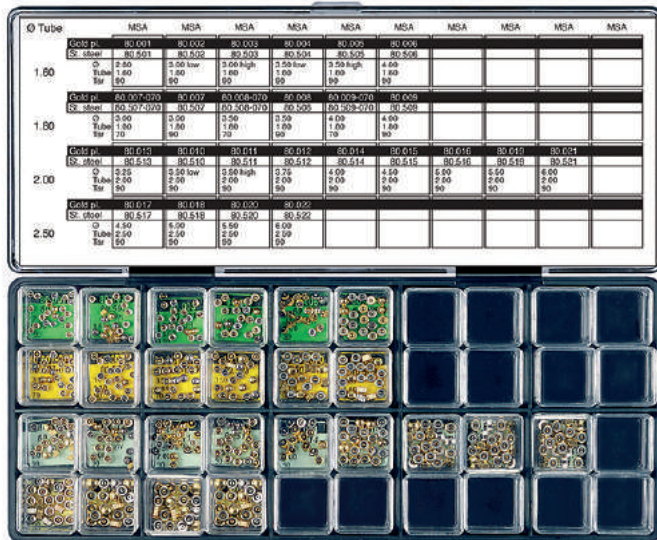


**Ø taraudage/tap/Gewinde/rosca/maschiatura/rosca 0.90 mm
 Ø T 2.00 - 2.50 mm**

Assortiment de couronnes étanches demi-boule couleur acier et jaunes ; acier inoxydable.
 Assortment of steel colour and yellow waterproof domed crowns ; stainless steel.
 Sortiment von Stahlfarbe und gelbe wasserdichte Halbkugel Kronen ; Edelstahl.
 Surtido de coronas herméticas media bola color acero y amarillas ; acero inoxidable.
 Assortimento di corone impermeabili demiboule colore acciaio e gialle ; acciaio inossidabile.
 Sortido de coroas estanques meia bola cor aço e amarelas ; aço inoxidável.

**Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
 12 modèles - models - Modelle - modelos - modelli - modelos
 2x MSA80.013 /.014 /.015 /.016 /.017 /.018 /.513 /.514 /.515
 /.516 /.517 /.518**

MSA	Qt.	Kg
99.070	24x	0.049



MSA	Qt.	Kg
99.254	500x	0.750

Ø taraudage/tap/Gewinde/rosca/maschiatura/rosca 0.70 - 0.90 mm
Ø T 1.60 - 1.80 - 2.00 - 2.50 mm

Assortiment de couronnes étanches demi-boule, 125 couleur acier et 375 jaunes ; acier inoxydable.

Assortiment of waterproof domed crowns, 125 steel colour and 375 yellow ; stainless steel.

Sortiment von wasserdichte Halbkugel Kronen, 125 Stahlfarbe und 375 gelbe ; Edelstahl.

Surtido de coronas herméticas media bola, 125 color acero y 375 amarillas ; acero inoxidable.

Assortimento di corone impermeabili demiboule, 125 colore acciaio e 375 gialle ; acciaio inossidabile.

Sortido de coroas estanques meia bola, 125 cor aço e 375 amarelas ; aço inoxidável.

Contenu - Contents - Inhalt - Contenido - Contenido - Conteúdo :

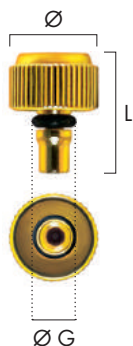
50 modèles - models - Modelle - modelos - modelli - modelos

15x MSA80.001 /.002 /.003 /.004 /.005 /.006 /.007 /.007-070 /.008 /.008-070 /.009 /.009-070

/.010 /.011 /.012 /.013 /.014 /.015 /.016 /.017 /.018 /.019 /.020 /.021 /.022

5x MSA80.501 /.502 /.503 /.504 /.505 /.506 /.507 /.507-070 /.508 /.508-070 /.509 /.509-070

/.510 /.511 /.512 /.513 /.514 /.515 /.516 /.517 /.518 /.519 /.520 /.521 /.522



Couronne japonaise couleur acier et jaune ; acier inoxydable.
 Steel colour and yellow Japanese crown ; stainless steel.
 Stahlfarbe und gelbe Japanische Krone ; Edelstahl.
 Corona japonesa color acero y amarilla ; acero inoxidable.
 Corona giapponese colore acciaio e gialla ; acciaio inossidabile.
 Coroa japonesa cor aço e amarela ; aço inoxidável.

MSA	Couleur acier / Steel colour	N°/No.	Ø mm	Ø G mm	Ø Tar./Tap. mm	Longueur / Length mm	MSA	Jaune / Yellow	N°/No.
-	-	-	3.00	1.50	0.70	2.20	81.002		506-D502B
-	-	-	3.50	1.50	0.90	4.10	81.001		506-B782B
81.504		506-2251 506-225XU	3.50	1.80	0.70	2.10	81.004		506-2254
-	-	-	3.50	1.80	0.90	4.70	81.008*		506-4494
-	-	-	3.75	1.80	0.90	5.10	81.009		506-3814
81.507		506-2101 506-2100-A	4.00	1.80	0.90	2.50	81.007		506-2104
81.506		506-2881 506-2880-A	4.00	1.80	0.90	2.70	81.006		506-2884

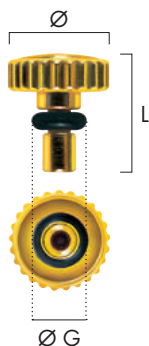
Kg 0.001 * Jusqu'à épuisement des stocks / Will be discontinued after end of stock / Solange Vorrat /
 Hasta agotamiento del stock / Fino ad esaurimento dello stock / Até esgotamento do stock 1/1



MSA	Qt.	Kg
99.111	20x	0.074

Assortiment de couronnes japonaises couleur acier et jaunes ; acier inoxydable.
 Assortiment of steel colour and yellow Japanese crowns ; stainless steel.
 Sortiment von Stahlfarbe und gelbe Japanische Kronen ; Edelstahl.
 Surtido de coronas japonesas color acero y amarillas ; acero inoxidable.
 Assortimento di corone giapponesi colore acciaio e gialle ; acciaio inossidabile.
 Sortido de coroas japonesas cor aço e amarelas ; aço inoxidável.

Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
10 modèles - models - Modelle - modelos - modelli - modelos
2x MSA81.001 / .002 / .004 / .006 / .009 / .504 / .506 / .507
4x MSA81.007

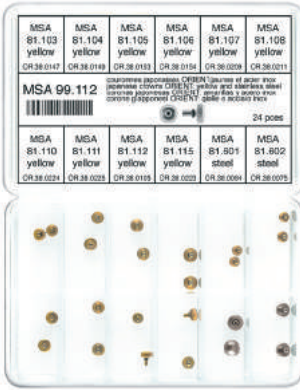


Couronne japonaise couleur acier et jaune ; acier inoxydable.
 Steel colour and yellow Japanese crown ; stainless steel.
 Stahlfarbe und gelbe Japanische Krone ; Edelstahl.
 Corona japonesa color acero y amarilla ; acero inoxidable.
 Corona giapponese colore acciaio e gialla ; acciaio inossidabile.
 Coroa japonesa cor aço e amarela ; aço inoxidável.

MSA	Couleur acier/ Steel colour	N°/No.	Ø mm	Ø G mm	Ø Tar./Tap. mm	Longueur/ Length mm	MSA	Jaune/ Yellow	N°/No.
-	-	-	3.00	1.30	0.60	3.75	81.108		38-0211NGP
-	-	-	3.00	1.30	0.60	3.95	81.112		38-0105NGP
-	-	-	3.00	1.30	0.60	4.15	81.107		38-0209NGP
81.614		38-0239S	3.00	1.40	0.80	3.95	81.114		38-0239NGP
-	-	-	3.00	1.50	0.60	2.55	81.109		38-0216NGP
-	-	-	3.50	1.30	0.60	4.15	81.111		38-0225NGP
-	-	-	3.50	1.40	0.80	3.60	81.103		38-0147NGP
-	-	-	3.50	1.40	0.80	3.95	81.105		38-0153NGP
-	-	-	3.50	1.40	0.80	4.15	81.104		38-0149NGP
-	-	-	3.50	1.50	0.60	2.55	81.110		38-0224NGP
81.615		38-0223S	3.50	1.50	0.90	3.60	81.115		38-0223NGP
81.613*		38-0157S	3.50	1.70	0.80	2.40	81.113		38-0157NGP
81.606*		38-0154S	4.00	1.50	0.80	4.00	81.106		38-0154NGP
81.602		38-0075S	4.00	2.10	0.90	4.85	81.102		38-0075NGP
81.601		38-0064S	4.50	1.80	0.90	2.50	81.101		38-0064NGP

Kg 0.001 * Jusqu'à épuisement des stocks / Will be discontinued after end of stock / Solange Vorrat /
 Hasta agotamiento del stock / Fino ad esaurimento dello stock / Até esgotamento do stock

1/1



Assortiment de couronnes japonaises couleur acier et jaunes ; acier inoxydable.

Assortment of steel colour and yellow Japanese crowns ; stainless steel.

Sortiment von Stahlfarbe und gelbe Japanische Kronen ; Edelstahl.

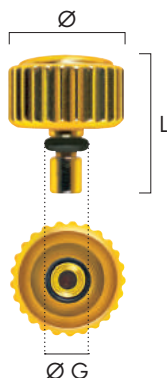
Surtido de coronas japonesas color acero y amarillas ; acero inoxidable.

Assortimento di corone giapponesi colore acciaio e gialle ; acciaio inossidabile.

Sortido de coroa japonesas cor aço e amarelas ; aço inoxidável.












































Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
12 modèles - models - Modelle - modelos - modelli - modelos
2x MSA81.103 /.104 /.105 /.106 /.107 /.108 /.110 /.111 /.112
/.115 /.601 /.602

MSA	Qt.	Kg
99.112	24x	0.049



Couronne japonaise couleur acier et jaune ; acier inoxydable.
 Steel colour and yellow Japanese crown ; stainless steel.
 Stahlfarbe und gelbe Japanische Krone ; Edelstahl.
 Corona japonesa color acero y amarilla ; acero inoxidable.
 Corona giapponese colore acciaio e gialla ; acciaio inossidabile.
 Coroa japonesa cor aço e amarela ; aço inoxidável.

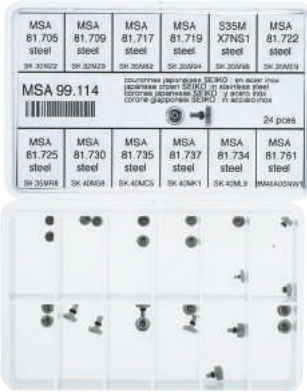
MSA	Couleur acier/ Steel colour	N°/No.	Ø mm	Ø G mm	Ø Tar./Tap. mm	Longueur/ Length mm	MSA	Jaune/ Yellow	N°/No.
-	-	-	2.50	1.00	0.60	3.35	81.201		25M04NA1
-	-	-	3.00	1.00	0.60	3.00	81.206		30M82NA1
81.707		30M68NS1	3.00	1.00	0.60	3.10	81.207		30M68NF1
81.708		30M98NS1	3.00	1.00	0.60	3.25	81.208		30M98NA1
-	-	-	3.00	1.00	0.60	3.45	81.246		30MA2NA1
-	-	-	3.00	1.00	0.60	3.65	81.265		6M30A3NNG1
-	-	-	3.00	1.10	0.80	4.25	81.275*		30M89NN1
81.704		30M08NS1	3.00	1.30	0.80	3.55	81.204		30M08NA1
-	-	-	3.00	1.30	0.80	3.60	81.245		30MA6NA1
-	-	-	3.00	1.30	0.80	4.00	81.258		8M30A0NNG2
-	-	-	3.00	1.50	0.60	2.20	81.244		30NA9NN1
81.702*		30E02NS1	3.00	1.50	0.80	2.55	81.202*		30E02NF1
81.705		30M22NS1	3.00	1.50	0.80	3.90	81.205		30M22NA1
-	-	-	3.20	1.00	0.60	3.15	81.241		32M63NN1
81.709		32M29NS1	3.20	1.00	0.60	3.25	81.209		32M29NN1
81.710		32N23NS1	3.20	1.40	0.60	2.10	81.210		32N23NN1
-	-	-	3.20	1.40	0.80	3.75	81.243		32M01NN1
81.712		35D15NS1	3.50	-	0.80	2.00	81.212		35D15NN1
81.711		35D03NS1	3.50	-	0.90	2.00	81.211		35D03NN1
-	-	-	3.50	1.00	0.60	3.00	81.262		35MK6NA1
-	-	-	3.50	1.00	0.60	3.05	81.248*		35MX7NN1
81.742		8M35A9SNW0	3.50	1.00	0.80	3.75	-	-	-

MSA	Couleur acier/ Steel colour	N°/No.	Ø mm	Ø G mm	Ø Tar./Tap. mm	Longueur/ Length mm	MSA	Jaune/ Yellow	N°/No.
81.719		35M94NS1	3.50	1.30	0.80	3.00	81.219		35M94NA1
S35MX7NS1		35MX7NS1	3.50	1.30	0.80	3.30	81.221		35M98NA1
-	-	-	3.50	1.30	0.80	3.35	81.224		35MR6NF1
-	-	-	3.50	1.30	0.80	3.70	81.264		8M35A7NNG0
-	-	-	3.50	1.30	0.80	3.75	81.252		8M35A9NNG0
81.725		35MR8NS1	3.50	1.30	0.80	3.85	S35MR8NF1		35MR8NF1
81.750		8M35A0SNW1	3.50	1.30	0.80	4.00	81.250		8M35A0NNG1
-	-	-	3.50	1.30	0.80	4.00	81.251		8M35A0NNG2
-	-	-	3.50	1.30	0.80	4.00	81.259		8M35A0BNG1
-	-	-	3.50	1.30	0.80	4.00	81.260		8M35B4NNG1
-	-	-	3.50	1.30	0.80	4.10	81.228		35MV3NN1
-	-	-	3.50	1.30	0.80	4.25	81.271*		35MK3NN1
-	-	-	3.50	1.30	0.80	4.85	81.254*		35MX2NF1
-	-	-	3.50	1.40	0.80	2.25	81.247*		35E43NN1
-	-	-	3.50	1.40	0.80	4.00	81.216		35M81NN1
-	-	-	3.50	1.40	0.80	4.00	81.220*		35M97NN1
81.717		35M82NS1	3.50	1.40	0.80	4.10	81.217		35M82NA1
81.727		35MU6NC1	3.50	1.40	0.80	4.35	81.227		35MU6NF1
81.726		35MS4NC1	3.50	1.40	0.80	4.90	81.226		35MS4NF1
81.713		35E09NS1	3.50	-	0.80	2.45	81.213		35E09NN1
81.772*		35MR0NC1	3.50	1.50	0.80	4.85	-	-	-
81.722		35ME9NS1	3.50	1.70	0.80	2.75	81.222		35ME9NN1
-	-	-	3.50	1.70	0.80	3.25	81.223		35MJ3NN1
-	-	-	3.50	1.80	0.60	4.75	81.214		35M18NA1
81.715		35M68NS1	3.50	1.80	0.90	4.70	81.215		35M68NA1
81.718		35M90NS1	3.50	1.80	0.90	4.85	81.218		35M90NA1
81.744		40MK5NS1	4.00	1.00	0.90	4.80	-	-	-
-	-	-	4.00	1.30	0.80	4.80	81.253		8M40A0NNG1
81.761		8M40A0SNW1	4.00	1.30	0.80	4.80	-	-	-
-	-	-	4.00	1.30	0.80	4.80	81.263		8M40A0NNG3
81.766		9M40B3SNW0	4.00	1.30	0.80	5.00	81.266		9M40B3SNG0

MSA	Couleur acier/ Steel colour	N°/No.	Ø mm	Ø G mm	Ø Tar./Tap. mm	Longueur/ Length mm	MSA	Jaune/ Yellow	N°/No.
-	-	-	4.00	1.50	0.80	3.80	81.256*		40M92NA1
-	-	-	4.00	1.50	0.80	3.95	81.257*		40M3NA1
-	-	-	4.00	1.50	0.80	4.40	81.236		40MH1NN1
81.731		40MD4NS1	4.00	1.50	0.80	4.75	81.231		40MD4NA1
-	-	-	4.00	1.50	0.80	4.80	81.255*		40M78NA1/NF1
-	-	-	4.00	1.50	0.80	5.10	81.249		40M82NA1
-	-	-	4.00	1.80	0.80	4.20	81.278		40M97NA1
81.735		40MC5NS1	4.00	1.80	0.90	4.45	81.235		40MC5NN1
-	-	-	4.00	1.80	0.90	4.55	81.239		40ML9NN1
81.734		40M76NS1	4.00	1.80	0.90	4.70	81.234		40M76NA1
81.737		40MK1NS1	4.00	1.80	0.90	5.00	81.237		40MK1NN1
-	-	-	4.00	2.00	0.90	4.00	81.238		40ML5NN1
81.729		40M54NS1	4.00	2.00	1.00	4.80	81.229		40M54NA1
81.730		40M58NS1	4.00	2.00	1.00	5.00	81.230		40M58NA1
-	-	-	4.00	2.20	0.90	5.00	81.233		40M71NA1
-	-	-	4.00	2.20	0.90	5.25	81.232		40M69NN1
81.738		40ML5NS1	4.00	2.20	0.90	4.05	-	-	-
81.774		9M40B5SNW0	4.00	2.40	0.80	4.30	-	-	-
81.743		9M45F3SNS0	4.50	1.10	0.90	4.60	-	-	-
81.777		45M47NS1	4.50	1.30	0.80	5.25	-	-	-
81.773		45E41NS1	4.50	1.50	0.80	4.95	-	-	-
-	-	-	4.50	1.80	0.80	5.30	81.276		45M47NN1
81.745		45M60NS1	4.50	1.85	0.80	5.75	-	-	-
81.740		45M30NS1	4.50	2.00	1.00	5.80	81.240		45M30NA1
81.741		8K45C1TNW0	4.50	2.15	0.80	6.20	-	-	-

Kg 0.001 * Jusqu'à épauement des stocks / Will be discontinued after end of stock / Solange Vorrat /
 Hasta agotamiento del stock / Fino ad esaurimento dello stock / Até esgotamento do stock

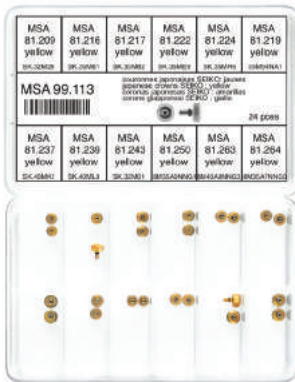
1/1



Assortiment de couronnes japonaises couleur acier ; acier inoxydable.
Assortiment of steel colour Japanese crowns ; stainless steel.
 Sortiment von Stahlfarbe Japanische Kronen ; Edelstahl.
Surtido de coronas japonesas color acero ; acero inoxidable.
 Assortimento di corone giapponesi colore acciaio ; acciaio inossidabile.
Sortido de coroas japonesas cor aço ; aço inoxidável.

MSA	Qt.	Kg
99.114	24x	0.049

Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
12 modèles - models - Modelle - modelos - modelli - modelos
2x MSA81.705 / .709 / .717 / .719 / .722 / .725 / .730 / .734 / .735
/.737 / .761 / S35MX7NS1



Assortiment de couronnes japonaises jaunes ; acier inoxydable.
Assortiment of yellow Japanese crowns ; stainless steel.
 Sortiment von gelbe Japanische Kronen ; Edelstahl.
Surtido de coronas japonesas amarillas ; acero inoxidable.
 Assortimento di corone giapponesi gialle ; acciaio inossidabile.
Sortido de coroas japonesas amarelas ; aço inoxidável.

MSA	Qt.	Kg
99.113	24x	0.049

Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
12 modèles - models - Modelle - modelos - modelli - modelos
2x MSA81.209 / .216 / .217 / .219 / .222 / .224 / .237 / .239 / .243
/.250 / .263 / .264



MSA	Qt.	Kg
99.260	80x	0.340

Assortiment de couronnes japonaises couleur acier et jaunes ; acier inoxydable.

Assortiment of steel colour and yellow Japanese crowns ; stainless steel.

Sortiment von Stahlfarbe und gelbe Japanische Kronen ; Edelstahl.

Surtido de coronas japonesas color acero y amarillas ; acero inoxidable.

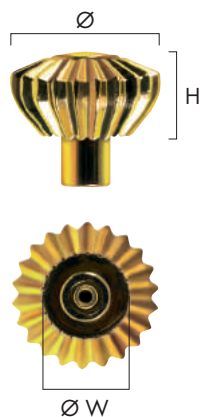
Assortimento di corone giapponesi colore acciaio e gialle ; acciaio inossidabile.

Sortido de coroaas japonesas cor aço e amarelas ; aço inoxidável.

Contenu - Contents - Inhalt - Contenido - Conteúdo :

40 modèles - models - Modelle - modelos - modelli - modelos

2x MSA81.001 / .101 / .108 / .201 / .206 / .208 / .209 / .216 / .217 / .222 / .224 / .225 / .229 / .237 / .239 / .243 / .250 / .263 / .264 / .602 / .615 / .705 / .709 / .717 / .721 / .722 / .725 / .729 / .730 / .731 / .737 / .739 / .740 / .741 / .742 / .743 / .744 / .745 / .761 / .773



Couronne pour montres de poche couleur acier et jaune ; acier inoxydable.
 Steel colour and yellow pocket watches crown ; stainless steel.

Stahlfarbe und gelbe Krone für Taschenuhren ; Edelstahl.

Corona para relojes de bolsillo color acero y amarilla ; acero inoxidable.

Corona per orologi da tasca colore acciaio e gialla ; acciaio inossidabile.

Coroa para relógios de bolso cor aço e amarela ; aço inoxidável.

MSA	Couleur acier / Steel colour	Ø mm	Ø W mm	Ø Tar./ Tap. mm	H mm	MSA	Jaune/Yellow
63.550*		3.80	2.20	0.90	1.85	63.050*	
63.501*		4.00	2.30	0.90	2.00	63.001	
63.551*		4.00	2.80	0.90	2.80	63.051*	
63.552*		4.50	2.80	0.90	2.50	63.052	
63.553*		4.50	3.00	0.90	2.90	63.053	
63.554*		5.00	2.80	0.90	3.00	63.054	
63.502		5.00	3.00	0.90	2.70	63.002	
63.555		6.00	3.05	0.90	2.90	63.055	
63.555-100*		6.00	3.05	1.00	2.90	-	-
63.503		6.00	3.30	0.90	3.20	63.003	
63.503-140*		6.00	3.30	1.40	3.20	-	-
63.504		6.50	3.50	0.90	3.60	63.004	
63.504-120*		6.50	3.50	1.20	3.60	-	-
63.557		7.00	3.05	0.90	4.00	63.057	
63.557-120		7.00	3.05	1.20	4.00	-	-
63.505		7.25	4.00	0.90	3.90	63.005	
63.505-120		7.25	4.00	1.20	3.90	63.005-120	
63.505-140		7.25	4.00	1.40	3.90	-	-

MSA	Couleur acier/ Steel colour	Ø mm	Ø W mm	Ø Tar./ Tap. mm	H mm	MSA	Jaune/Yellow
63.558-090		8.00	4.20	0.90	4.50	63.058*	
63.558-110*		8.00	4.20	1.10	4.50	-	-
63.558-120		8.00	4.20	1.20	4.50	-	-
63.558-140		8.00	4.20	1.40	4.50	-	-
63.506		8.25	4.20	0.90	4.50	63.006	
63.506-120		8.25	4.20	1.20	4.50	63.006-120	
63.506-140		8.25	4.20	1.40	4.50	-	-
63.559-090		9.00	4.60	0.90	4.60	63.059	
63.559-140		9.00	4.60	1.40	4.60	-	-

Kg 0.001 * Jusqu'à épuisement des stocks / Will be discontinued after end of stock / Solange Vorrat /
 Hasta agotamiento del stock / Fino ad esaurimento dello stock / Até esgotamento do stock 1/1



MSA	Qt.	Kg
99.255	36x	0.030

Assortiment de couronnes pour montres de poche couleur acier et jaunes ; acier inoxydable.

Assortiment of steel colour and yellow pocket watches crowns ; stainless steel.

Sortiment von Stahlfarbe und gelbe Kronen für Taschenuhren ; Edelstahl.

Surtido de coronas para relojes de bolsillo color acero y amarillas ; acero inoxidable.

Assortimento di corone per orologi da tasca colore acciaio e gialle ; acciaio inossidabile.

Sortido de coroas para relógios de bolso cor aço e amarelas ; aço inoxidável.

Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
18 modèles - models - Modelle - modelos - modelli - modelos
2x MSA63.002 / .003 / .004 / .005 / .005-120 / .006 / .006-120
/ .054 / .059 / .503 / .504 / .505 / .505-120 / .506 / .506-120 / .506-
140 / .557 / .559-140



Couronne pour montres de poche avec poussoir couleur acier et jaune ; acier inoxydable.

Steel colour and yellow pocket watches crown with pusher ; stainless steel.

Stahlfarbe und gelbe Krone für Taschenuhren mit Drucker ; Edelstahl.

Corona para relojes de bolsillo con pulsador color acero y amarilla ; acero inoxidable.

Corona per orologi da tasca con pulsante colore acciaio e gialla ; acciaio inossidabile.

Coroa para relógios de bolso com botão cor aço e amarela ; aço inoxidável.

MSA	Couleur acier/ Steel colour	Ø mm	Ø W mm	Ø Tar./ Tap. mm	H mm	MSA	Jaune/Yellow
63.650		4.00	2.80	0.90	2.35	63.150	
63.600		4.00	2.80	0.90	2.40	63.100	
63.700		4.00	2.80	0.90	2.50	63.200	
63.701		4.50	2.80	0.90	2.80	63.201	
63.601		4.50	3.20	0.90	2.70	63.101	
63.702*		5.00	2.80	0.90	2.95	63.202	
63.651		5.00	3.05	0.90	2.70	63.151	
63.652		5.00	3.10	0.90	2.40	63.152	
63.602		5.00	4.00	0.90	3.00	63.102	
63.703		6.00	4.20	0.90	3.40	63.203	
63.704		6.10	3.00	0.90	3.20	63.204	
63.653		6.50	4.00	0.90	3.20	63.153	
63.705		7.00	4.25	0.90	4.00	63.205	
63.654		7.25	4.10	0.90	3.90	63.154	
63.654-120		7.25	4.10	1.20	3.90	-	-
63.706		8.00	5.00	0.90	4.50	63.206	
63.655		8.25	4.25	0.90	4.35	63.155	
63.655-120		8.25	4.25	1.20	4.35	63.155-120	

Kg 0.001 * Jusqu'à épuisement des stocks / Will be discontinued after end of stock / Solange Vorrat /
 Hasta agotamiento del stock / Fino ad esaurimento dello stock / Até esgotamento do stock

1/1



Assortiment de couronnes pour montres de poche avec poussoir couleur acier et jaunes ; acier inoxydable.

Assortiment of steel colour and yellow pocket watches crowns with pusher ; stainless steel.

Sortiment von Stahlfarbe und gelbe Kronen für Taschenuhren mit Drucker ; Edelstahl.

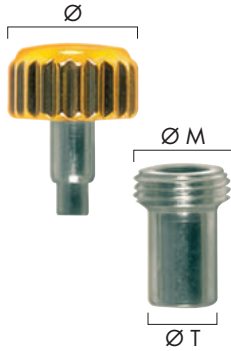
Surtido de coronas para relojes de bolsillo con pulsador color acero y amarillas ; acero inoxidable.

Assortimento di corone per orologi da tasca con pulsante colore acciaio e gialle ; acciaio inossidabile.

Sortido de coroas para relógios de bolso com botão cor aço e amarelas ; aço inoxidável.

Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
18 modèles - models - Modelle - modelos - modelli - modelos
2x MSA63.100 /.101 /.102 /.151 /.152 /.153 /.154 /.155 /.204
/.600 /.602 /.652 /.653 /.654 /.655 /.655-120 /.704 /.706

MSA	Qt.	Kg
99.256	36x	0.030



Couronne à vis couleur acier et jaune avec tube et joint, **vissage externe** ; acier inoxydable.

Steel colour and yellow screw-on crown with tube and gasket, **outside screwing** ; stainless steel.











Stahlfarbe und gelbe Schraubkrone mit Rohr und Dichtung, **aussen Gewinde** ; Edelstahl.

Corona de rosca color acero y amarilla con tubo y junta, **rosca externa** ; acero inoxidable.

Corona a vite colore acciaio e gialla con tubo e guarnizione, **filettatura esterna** ; acciaio inossidabile.

Coroa de rosca cor aço e amarela com tubo e junta, **rosca externa** ; aço inoxidável.

MSA	Couleur acier/ Steel colour	Ø mm	Ø M mm	Ø T mm	Ø Tar./Tap. mm	MSA	Jaune/Yellow
60.534		3.50	2.85	1.60	0.90	-	-
-	-	3.50	2.90	2.00	0.90	60.037*	
60.530		3.50	3.00	1.90	0.90	60.030	
60.522		3.50	3.00	1.90	0.90	60.022	
60.501		3.75	3.00	2.00	0.90	60.001	
60.533		4.00	2.85	2.00	0.90	60.033*	
60.502		4.00	3.00	2.00	0.90	60.002	
60.503		4.00	3.00	2.00	0.90	60.003	
60.504		4.50	3.00	2.00	0.90	60.004	
60.505		4.50	3.00	2.00	0.90	60.005	
-	-	4.50	3.40	1.80	0.90	60.029*	
-	-	4.50	3.40	2.00	0.90	60.032*	
60.526		4.50	3.50	2.50	0.90	60.026	
60.525		4.75	3.50	2.50	0.90	60.025	
-	-	4.75	Type P	2.50	0.90	60.045	
60.506		5.00	3.00	2.20	0.90	60.006	
60.507		5.00	3.00	2.20	0.90	60.007	
-	-	5.00	3.40	2.20	0.90	60.035*	
60.514		5.00	3.50	2.50	0.90	60.014	
60.513		5.25	4.00	2.70	0.90	60.013	
60.518**		5.25	Type B	-	0.90	60.018**	
60.519**		5.25	Type B	-	1.20	60.019**	

MSA	Couleur acier/ Steel colour	Ø mm	Ø M mm	Ø T mm	Ø Tar./Tap. mm	MSA	Jaune/Yellow
60.508		5.50	3.00	2.20	0.90	60.008	
60.509		6.00	3.00	2.20	0.90	60.009	
60.510		6.00	3.50	2.50	0.90	60.010	
60.528		6.00	4.00	2.70	0.90	60.028	
60.517		6.00	4.50	3.00	0.90	60.017*	
60.527		6.50	4.50	3.00	0.90	-	-

Kg 0.001 * Jusqu'à épuisement des stocks / Will be discontinued after end of stock / Solange Vorrat /
 Hasta agotamiento del stock / Fino ad esaurimento dello stock / Até esgotamento do stock

1/1

** Sans tube / Without tube / Ohne Rohr / Sin tubo / Senza tubo / Sem tubo



Assortiment de couronnes à vis couleur acier et jaunes avec tube et joint, **vissage externe** ; acier inoxydable.

Assortiment of steel colour and yellow screw-on crowns with tube and gasket, **outside screwing** ; stainless steel.

Sortiment von Stahlfarbe und gelbe Schraubkronen mit Rohr und Dichtung, **aussen Gewinde** ; Edelstahl.

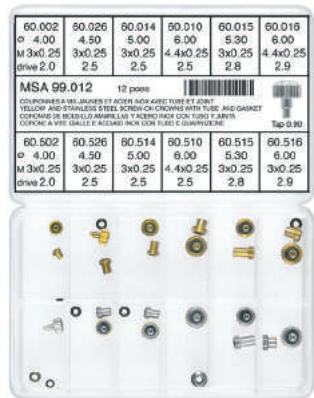
Surtido de coronas de rosca color acero y amarillas con tubo y junta, **rosca externa** ; acero inoxidable.

Assortimento di corone a vite colore acciaio e gialle con tubo e guarnizione, **filettatura esterna** ; acciaio inossidabile.

Sortido de coroas de rosca cor aço e amarelas com tubo e junta, **rosca externa** ; aço inoxidável.

Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
12 modèles - models - Modelle - modelos - modelli - modelos
1x MSA60.002 /.003 /.004 /.016 /.022 /.502 /.503 /.504 /.505
/.506 /.516 /.522

MSA	Qt.	Kg
99.011	12x	0.025



Assortiment de couronnes à vis couleur acier et jaunes avec tube et joint, **vissage externe** ; acier inoxydable.

Assortiment of steel colour and yellow screw-on crowns with tube and gasket, **outside screwing** ; stainless steel.

Sortiment von Stahlfarbe und gelbe Schraubkronen mit Rohr und Dichtung, **aussen Gewinde** ; Edelstahl.

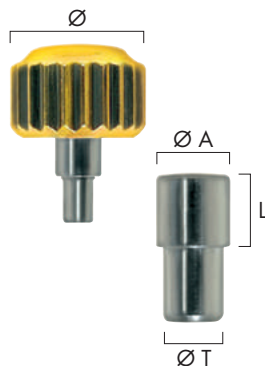
Surtido de coronas de rosca color acero y amarillas con tubo y junta, **rosca externa** ; acero inoxidable.

Assortimento di corone a vite colore acciaio e gialle con tubo e guarnizione, **filettatura esterna** ; acciaio inossidabile.

Sortido de coroas de rosca cor aço e amarelas com tubo e junta, **rosca externa** ; aço inoxidável.

Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
12 modèles - models - Modelle - modelos - modelli - modelos
1x MSA60.002 /.010 /.014 /.015 /.016 /.026 /.502 /.510 /.514
/.515 /.516 /.526

MSA	Qt.	Kg
99.012	12x	0.025



Couronne à vis couleur acier, noire et jaune avec tube et joint, **vissage interne** ; acier inoxydable.

Steel colour, black and yellow screw-on crown with tube and gasket, **inside screwing** ; stainless steel.

Stahlfarbe, schwarze und gelbe Schraubkrone mit Rohr und Dichtung, **innen Gewinde** ; Edelstahl.

Corona de rosca color acero, negra y amarilla con tubo y junta, **rosca interna** ; acero inoxidable.

Corona a vite colore acciaio, nera e gialla con tubo e guarnizione, **filettatura interna** ; acciaio inossidabile.

Coroa de rosca cor aço, preta e amarela com tubo e junta, **rosca interna** ; aço inoxidável.

MSA	Couleur acier / Steel colour	Ø mm	Ø T mm	Ø Tar. / Tap. mm	Ø A mm	L mm	MSA	Noir/Black	MSA	Jaune/Yellow
60.524		4.50	1.80	0.90	2.60	1.80	-	-	60.024	
60.523		5.00	1.80	0.90	2.60	1.80	60.323		60.023	
60.511		5.00	2.50	0.90	3.00	3.00	-	-	60.011	
60.512		5.50	2.50	0.90	3.00	2.90	-	-	60.012	
60.520		6.00	2.50	0.90	3.20	2.70	60.320		-	-
60.521		6.50	2.50	0.90	3.20	2.70	-	-	60.021	

Kg 0.001

1/1



Assortiment de couronnes à vis couleur acier, noires et jaunes avec tube et joint, **vissage interne** ; acier inoxydable.

Assortiment of steel colour, black and yellow screw-on crowns with tube and gasket, **inside screwing** ; stainless steel.

Sortiment von Stahlfarbe, schwarze und gelbe Schraubkronen mit Rohr und Dichtung, **innen Gewinde** ; Edelstahl.

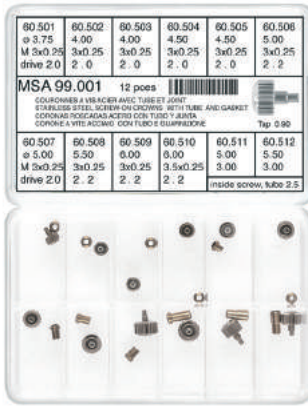
Surtido de coronas de rosca color acero, negras y amarillas con tubo y junta, **rosca interna** ; acero inoxidable.

Assortimento di corone a vite colore acciaio, nere e gialle con tubo e guarnizione, **filettatura interna** ; acciaio inossidabile.

Sortido de coroa de rosca cor aço, pretas e amarelas com tubo e junta, **rosca interna** ; aço inoxidável.

Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
12 modèles - models - Modelle - modelos - modelli - modelos
1x MSA60.011 /.012 /.023 /.024 /.320 /.323 /.511 /.512 /.520
/.521 /.523 /.524

MSA	Qt.	Kg
99.073	12x	0.025



Assortiment de couronnes à vis couleur acier avec tubes et joints, **vissage externe (10x) et interne (2x)**; acier inoxydable.

Assortiment of steel colour screw-on crowns with tubes and gaskets, **outside (10x) and inside (2x) screwing**; stainless steel.

Sortiment von Stahlfarbe Schraubkronen mit Röhre und Dichtungen, **aussen (10x) und innen (2x) Gewinde**; Edelstahl.

Surtido de coronas de rosca color acero con tubos y juntas, **rosca externa (10x) y interna (2x)**; acero inoxidable.

Assortimento di corone a vite colore acciaio con tubi e guarnizioni, **filettatura esterna (10x) e interna (2x)**; acciaio inossidabile.

Sortido de coroas de rosca cor aço com tubos e juntas, **rosca externa (10x) e interna (2x)**; aço inoxidável.

**Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
 12 modèles - models - Modelle - modelos - modelli - modelos
 1x MSA60.501 /.502 /.503 /.504 /.505 /.506 /.507 /.508 /.509
 /.510 /.511 /.512**

MSA	Qt.	Kg
99.001	12x	0.025



Assortiment de couronnes à vis jaunes avec tubes et joints, **vissage externe (10x) et interne (2x)**; acier inoxydable.

Assortiment of yellow screw-on crowns with tubes and gaskets, **outside (10x) and inside (2x) screwing**; stainless steel.

Sortiment von gelbe Schraubkronen mit Röhre und Dichtungen, **aussen (10x) und innen (2x) Gewinde**; Edelstahl.

Surtido de coronas de rosca amarillas con tubos y juntas, **rosca externa (10x) y interna (2x)**; acero inoxidable.

Assortimento di corone a vite gialle con tubi e guarnizioni, **filettatura esterna (10x) e interna (2x)**; acciaio inossidabile.

Sortido de coroas de rosca amarelas com tubos e juntas, **rosca externa (10x) e interna (2x)**; aço inoxidável.

**Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
 12 modèles - models - Modelle - modelos - modelli - modelos
 1x MSA60.001 /.002 /.003 /.004 /.005 /.006 /.007 /.008 /.009
 /.010 /.011 /.012**

MSA	Qt.	Kg
99.000	12x	0.026



MSA	Qt.	Kg
99.023	76x	0.336

Assortiment de 76 couronnes à vis couleur acier, noires et jaunes avec tubes et joints + 4 tubes spéciaux, **vissage externe (62x) et interne (14x)** ; acier inoxydable.

Assortiment of 76 steel colour, black and yellow screw-on crowns with tubes and gaskets + 4 special tubes, **outside (62x) and inside (14x) screwing** ; stainless steel.

Sortiment von 76 Stahlfarbe, schwarze und gelbe Schraubkronen mit Röhre und Dichtungen + 4 spezielle Röhre, **aussen (62x) und innen (14x) Gewinde** ; Edelstahl.

Surtido de 76 coronas de rosca color acero, negras y amarillas con tubos y juntas + 4 tubos especiales, **rosca externa (62x) y interna (14x)** ; acero inoxidable.

Assortimento di 76 corone a vite colore acciaio, nere e gialle con tubi e guarnizioni + 4 tubi speciali, **filettatura esterna (62x) e interna (14x)** ; acciaio inossidabile.

Sortido de 76 coroas de rosca cor aço, pretas e amarelas com tubos e juntas + 4 tubos especiais, **rosca externa (62x) e interna (14x)** ; aço inoxidável.

Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :

39 modèles - models - Modelle - modelos - modelli - modelos

1x MSA60.019 /.519

**2x MSA60.001 /.002 /.003 /.004 /.005 /.006 /.007 /.008 /.009 /.010 /.011 /.012 /.013 /.014
/.015 /.016 /.022 /.323 /.501 /.502 /.503 /.504 /.505 /.506 /.507 /.508 /.509 /.510 /.511 /.512
/.513 /.514 /.515 /.516 /.520 /.521 /.522**

2x MSA65.001 /.002



Couronne à vis couleur acier et jaune sans tube ; acier inoxydable.
 Steel colour and yellow screw-on crown without tube ; stainless steel.
 Stahlfarbe und gelbe Schraubkrone ohne Rohr ; Edelstahl.
 Corona de rosca color acero y amarilla sin tubo ; acero inoxidable.
 Corona a vite colore acciaio e gialla senza tubo ; acciaio inossidabile.
 Coroa de rosca cor aço e amarela sem tubo ; aço inoxidável.

MSA	Couleur acier/Steel colour	Ø mm	Ø Tar./Tap. mm	Type	MSA	Jaune/Yellow
60.551*		3.50	0.90	Type P	-	-
-	-	4.75	0.90	Type Z	60.055*	
-	-	5.25	0.90	Type C	60.065*	

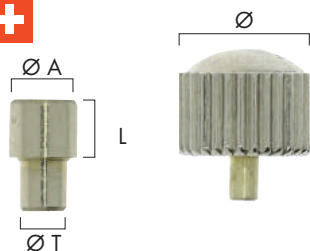
Kg 0.001 * Jusqu'à épuisement des stocks / Will be discontinued after end of stock / Solange Vorrat /
 Hasta agotamiento del stock / Fino ad esaurimento dello stock / Até esgotamento do stock 1/1



Couronne à vis jaune avec tube et joint, **vissage interne** ; acier inoxydable.
 Yellow screw-on crown with tube and gasket, **inside screwing** ; stainless steel.
 Gelbe Schraubkrone mit Rohr und Dichtung, **innen Gewinde** ; Edelstahl.
 Corona de rosca amarilla con tubo y junta, **rosca interna** ; acero inoxidable.
 Corona a vite gialla con tubo e guarnizione, **filettatura interna** ; acciaio inossidabile.
 Coroa de rosca amarela com tubo e junta, **rosca interna** ; aço inoxidável.

MSA	Jaune/Yellow	Ø mm	Ø T mm	Ø Tar./Tap. mm	Ø A mm	L mm	Type
60.056*		3.50	2.00	0.90	2.60	1.90	Type Z

Kg 0.001 * Jusqu'à épuisement des stocks / Will be discontinued after end of stock / Solange Vorrat /
 Hasta agotamiento del stock / Fino ad esaurimento dello stock / Até esgotamento do stock 1/1



Couronne à vis couleur acier avec tube, **vissage interne** ; acier inoxydable.
 Steel colour screw-on crown with tube, **inside screwing** ; stainless steel.
 Stahlfarbe Schraubkrone mit Rohr, **innen Gewinde** ; Edelstahl.
 Corona de rosca color acero con tubo, **rosca interna** ; acero inoxidable.
 Corona a vite colore acciaio con tubo, **filettatura interna** ; acciaio inossidabile.
 Coroa de rosca cor aço com tubo, **rosca interna** ; aço inoxidável.

MSA	Couleur acier/Steel colour	Ø mm	Ø T mm	Ø Tar./Tap. mm	Ø A mm	L mm
60.548*		6.00	2.20	0.90	3.20	2.90

Kg 0.001 * Jusqu'à épuisement des stocks / Will be discontinued after end of stock / Solange Vorrat /
 Hasta agotamiento del stock / Fino ad esaurimento dello stock / Até esgotamento do stock 1/1



Couronne à vis couleur acier et jaune avec tube et joint, **vissage externe** ; acier inoxydable.

Steel colour and yellow screw-on crown with tube and gasket, **outside screwing** ; stainless steel.







Stahlfarbe und gelbe Schraubkrone mit Rohr und Dichtung, **aussen Gewinde** ; Edelstahl.

Corona de rosca color acero y amarilla con tubo y junta, **rosca externa** ; acero inoxidable.

Corona a vite colore acciaio e gialla con tubo e guarnizione, **filettatura esterna** ; acciaio inossidabile.

Coroa de rosca cor aço e amarela com tubo e junta, **rosca externa** ; aço inoxidável.

MSA	Couleur acier / Steel colour	Ø mm	Ø M mm	Ø T mm	Ø Tar./Tap. mm	MSA	Jaune/Yellow
60.700		3.50	3.00	1.90	0.90	60.600	
60.701		3.75	3.00	2.00	0.90	60.601	
60.702		4.00	3.00	2.00	0.90	60.602	
60.703		4.50	3.00	2.00	0.90	60.603	
60.704		4.50	3.50	2.50	0.90	60.604	
60.705		4.75	3.50	2.50	0.90	60.605	
60.706		4.75	4.00	2.50	0.90	60.606	
60.707		5.00	3.00	2.00	0.90	60.607	
60.708		5.30	4.00	2.80	0.90	60.608	
60.709		5.50	3.50	2.50	0.90	60.609	
60.710		6.00	3.50	2.50	0.90	60.610	
60.711		6.00	4.00	2.70	0.90	60.611	
60.712		6.50	4.00	2.70	0.90	60.612	
60.713		7.00	4.00	2.70	0.90	60.613	
60.714		7.00	4.50	2.30	0.90	60.614	
60.715		7.00	4.50	2.50	0.90	60.615	

MSA	Couleur acier/ Steel colour	Ø mm	Ø M mm	Ø T mm	Ø Tar./Tap. mm	MSA	Jaune/Yellow
60.716		7.50	4.50	2.50	0.90	-	-
60.717		8.00	5.00	2.80	0.90	-	-
60.718		8.50	5.00	3.00	0.90	-	-
60.719		9.00	5.00	3.00	0.90	-	-
60.720		9.50	5.00	3.00	0.90	-	-
60.721		10.00	5.00	3.00	0.90	-	-

Kg 0.001

1/1



MSA	Qt.	Kg
99.243	12x	0.025

Assortiment de couronnes à vis couleur acier avec tubes et joints, **vissage externe** ; acier inoxydable.

Assortment of steel colour screw-on crowns with tubes and gaskets, **outside screwing** ; stainless steel.

Sortiment von Stahlfarbe Schraubkronen mit Röhre und Dichtungen, **aussen Gewinde** ; Edelstahl.

Surtido de coronas de rosca color acero con tubos y juntas, **rosca externa** ; acero inoxidable.

Assortimento di corone a vite colore acciaio con tubi e guarnizioni, **filettatura esterna** ; acciaio inossidabile.

Sortido de coroas de rosca cor aço com tubos e juntas, **rosca externa** ; aço inoxidável.

Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo : 6 modèles - models - Modelle - modelos - modelli - modelos 2x MSA60.700 /.701 /.702 /.703 /.707 /.708



MSA	Qt.	Kg
99.244	12x	0.025

Assortiment de couronnes à vis jaunes avec tubes et joints, **vissage externe** ; acier inoxydable.

Assortment of yellow screw-on crowns with tubes and gaskets, **outside screwing** ; stainless steel.

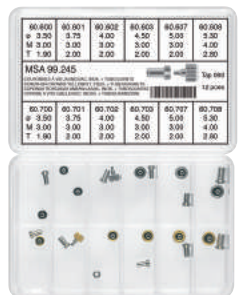
Sortiment von gelbe Schraubkronen mit Röhre und Dichtungen, **aussen Gewinde** ; Edelstahl.

Surtido de coronas de rosca amarillas con tubos y juntas, **rosca externa** ; acero inoxidable.

Assortimento di corone a vite gialle con tubi e guarnizioni, **filettatura esterna** ; acciaio inossidabile.

Sortido de coroas de rosca amarelas com tubos e juntas, **rosca externa** ; aço inoxidável.

Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo : 6 modèles - models - Modelle - modelos - modelli - modelos 2x MSA60.600 /.601 /.602 /.603 /.607 /.608



MSA	Qt.	Kg
99.245	12x	0.025

Assortiment de couronnes à vis couleur acier et jaunes avec tubes et joints, **vissage externe** ; acier inoxydable.

Assortment of steel colour and yellow screw-on crowns with tubes and gaskets, **outside screwing** ; stainless steel.

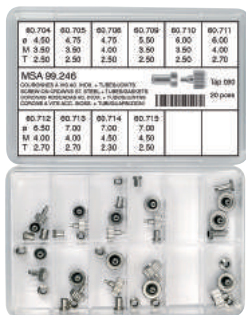
Sortiment von Stahlfarbe und gelbe Schraubkronen mit Röhre und Dichtungen, **aussen Gewinde** ; Edelstahl.

Surtido de coronas de rosca color acero y amarillas con tubos y juntas, **rosca externa** ; acero inoxidable.

Assortimento di corone a vite colore acciaio e gialle con tubi e guarnizioni, **filettatura esterna** ; acciaio inossidabile.

Sortido de coroas de rosca cor aço e amarelas com tubos e juntas, **rosca externa** ; aço inoxidável.

Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo : 12 modèles - models - Modelle - modelos - modelli - modelos 1x MSA60.600 /.601 /.602 /.603 /.607 /.608 /.700 /.701 /.702 /.703 /.707 /.708



MSA	Qt.	Kg
99.246	20x	0.045

Assortiment de couronnes à vis couleur acier avec tubes et joints, **vissage externe** ; acier inoxydable.

Assortiment of steel colour screw-on crowns with tubes and gaskets, **outside screwing** ; stainless steel.

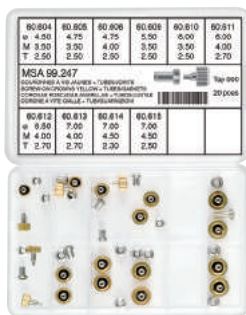
Sortiment von Stahlfarbe Schraubkronen mit Röhre und Dichtungen, **aussen Gewinde** ; Edelstahl.

Surtido de coronas de rosca color acero con tubos y juntas, **rosca externa** ; acero inoxidable.

Assortimento di corone a vite colore acciaio con tubi e guarnizioni, **filettatura esterna** ; acciaio inossidabile.

Sortido de coroas de rosca cor aço com tubos e juntas, **rosca externa** ; aço inoxidável.

Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo : 10 modèles - models - Modelle - modelos - modelli - modelos 2x MSA60.704 /.705 /.706 /.709 /.710 /.711 /.712 /.713 /.714 /.715



MSA	Qt.	Kg
99.247	20x	0.045

Assortiment de couronnes à vis jaunes avec tubes et joints, **vissage externe** ; acier inoxydable.

Assortiment of yellow screw-on crowns with tubes and gaskets, **outside screwing** ; stainless steel.

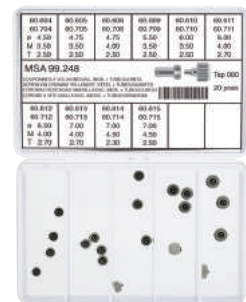
Sortiment von gelbe Schraubkronen mit Röhre und Dichtungen, **aussen Gewinde** ; Edelstahl.

Surtido de coronas de rosca amarillas con tubos y juntas, **rosca externa** ; acero inoxidable.

Assortimento di corone a vite gialle con tubi e guarnizioni, **filettatura esterna** ; acciaio inossidabile.

Sortido de coroas de rosca amarelas com tubos e juntas, **rosca externa** ; aço inoxidável

Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo : 10 modèles - models - Modelle - modelos - modelli - modelos 2x MSA60.604 /.605 /.606 /.609 /.610 /.611 /.612 /.613 /.614



MSA	Qt.	Kg
99.248	20x	0.045

Assortiment de couronnes à vis couleur acier et jaunes avec tubes et joints, **vissage externe** ; acier inoxydable.

Assortiment of steel colour and yellow screw-on crowns with tubes and gaskets, **outside screwing** ; stainless steel.

Sortiment von Stahlfarbe und gelbe Schraubkronen mit Röhre und Dichtungen, **aussen Gewinde** ; Edelstahl.

Surtido de coronas de rosca color acero y amarillas con tubos y juntas, **rosca externa** ; acero inoxidable.

Assortimento di corone a vite colore acciaio e gialle con tubi e guarnizioni, **filettatura esterna** ; acciaio inossidabile.

Sortido de coroas de rosca cor aço e amarelas com tubos e juntas, **rosca externa** ; aço inoxidável.

Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo : 20 modèles - models - Modelle - modelos - modelli - modelos 1x MSA60.604 /.605 /.606 /.609 /.610 /.611 /.612 /.613 /.614 /.615 /.704 /.705 /.706 /.709 /.710 /.711 /.712 /.713 /.714 /.715

60.710	60.711	60.712	60.713	60.714	60.715
ø 4.00	6.00	8.50	7.00	7.00	7.00
M 3.50	4.00	4.00	4.00	4.50	4.50
T 2.50	2.70	2.70	2.70	2.30	2.50

MSA 99.249

COUVRONNES À VIS AVEC TUBES ET JONTS AC. INOX
SCREW-ON CROWNS WITH TUBES AND GASKETS ST. STEEL
SCHRAUBKRONEN MIT RÖHRE UND DICHTUNGEN AC. INOX
CORONAS DE ROSCA CON TUBOS Y JUNTAS AC. INOX

MSA 99.249

60.716
 60.717 | 60.718 | 60.719 | 60.720 | 60.721 || ø 7.50 | 8.00 | 8.50 | 9.00 | 9.50 | 10.00 |
| M 4.50 | 5.00 | 5.00 | 5.00 | 5.00 | 5.00 |
| T 2.50 | 2.80 | 3.00 | 3.00 | 3.00 | 3.00 |



Assortiment de couronnes à vis couleur acier avec tubes et joints, **vissage externe** ; acier inoxydable.

Assortiment of steel colour screw-on crowns with tubes and gaskets, **outside screwing** ; stainless steel.

Sortiment von Stahlfarbe Schraubkronen mit Röhre und Dichtungen, **aussen Gewinde** ; Edelstahl.

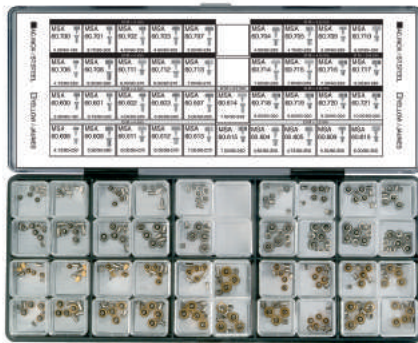
Surtido de coronas de rosca color acero con tubos y juntas, **rosca externa** ; acero inoxidable.

Assortimento di corone a vite colore acciaio con tubi e guarnizioni, **filettatura esterna** ; acciaio inossidabile.

Sortido de coroas de rosca cor aço com tubos e juntas, **rosca externa** ; aço inoxidável.

Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
12 modèles - models - Modelle - modelos - modelli - modelos
2x MSA60.710 /.711 /.712 /.713 /.714 /.715 /.716 /.717 /.718
/.719 /.720 /.721

MSA	Qt.	Kg
99.249	24x	0.050



MSA	Qt.	Kg
99.250	152x	0.490

Assortiment de couronnes à vis couleur acier et jaunes avec tubes et joints, **vissage externe** ; acier inoxydable.

Assortiment of steel colour and yellow screw-on crowns with tubes and gaskets, **outside screwing** ; stainless steel.

Sortiment von Stahlfarbe und gelbe Schraubkronen mit Röhre und Dichtungen, **aussen Gewinde** ; Edelstahl.

Surtido de coronas de rosca color acero y amarillas con tubos y juntas, **rosca externa** ; acero inoxidable.

Assortimento di corone a vite colore acciaio e gialle con tubi e guarnizioni, **filettatura esterna** ; acciaio inossidabile.

Sortido de coroas de rosca cor aço e amarelas com tubos e juntas, **rosca externa** ; aço inoxidável.

Contenu - Contents - Inhalt - Contenido - Contenuto - Conteúdo :
38 modèles - models - Modelle - modelos - modelli - modelos
4x MSA60.600 /.601 /.602 /.603 /.604 /.605 /.606 /.607 /.608 /.609 /.610 /.611 /.612 /.613
/.614 /.615 /.700 /.701 /.702 /.703 /.704 /.705 /.706 /.707 /.708 /.709 /.710 /.711 /.712 /.713
/.714 /.715 /.716 /.717 /.718 /.719 /.720 /.721



Couronne à vis couleur acier et jaune avec tube et joint, **vissage externe** ; palladium.

*Steel colour and yellow screw-on crown with tube and gasket, **outside screwing** ; palladium.*

Stahlfarbe und gelbe Schraubkrone mit Rohr und Dichtung, **aussen Gewinde** ; Palladium.

*Corona de rosca color acero y amarilla con tubo y junta, **rosca externa** ; paladio.*

Corona a vite colore acciaio e gialla con tubo e guarnizione, **filettatura esterna** ; palladio.

*Coroa de rosca cor aço e amarela com tubo e junta, **rosca externa** ; paládio.*

MSA	Couleur acier/ Steel colour	Ø mm	Ø M mm	Ø T mm	Ø Tar./Tap. mm	MSA	Jaune/Yellow
60.901*		3.75	3.00	2.00	0.90	-	-
60.902*		4.00	3.00	2.00	0.90	60.802*	
60.904*		4.50	3.00	2.00	0.90	60.804*	
60.926*		4.50	3.50	2.50	0.90	60.826*	
-	-	4.75	3.50	2.50	0.90	60.825*	
-	-	4.75	4.00	2.50	0.90	60.845*	
-	-	5.00	3.00	2.20	0.90	60.806*	
60.915*		5.30	4.00	2.80	0.90	60.815*	
-	-	5.50	3.50	2.50	0.90	60.860*	
-	-	6.00	3.50	2.50	0.90	60.810*	
-	-	6.00	4.00	2.70	0.90	60.828*	
60.961*		6.50	4.00	2.70	0.90	60.861*	
-	-	7.00	4.00	2.70	0.90	60.862*	
-	-	7.00	4.50	2.30	0.90	60.864*	
-	-	7.00	4.50	2.50	0.90	60.863*	

Kg 0.001 * Jusqu'à épuisement des stocks / Will be discontinued after end of stock / Solange Vorrat /
 Hasta agotamiento del stock / Fino ad esaurimento dello stock / Até esgotamento do stock

1/1



ZE

Couronne antipoussière couleur acier, jaune et rose ; acier inoxydable.
 Steel colour, yellow and pink dustproof crown ; stainless steel.
 Stahlfarbe, gelbe und rosa staubgeschützter Krone ; Edelstahl.
 Corona antipolvo color acero, amarilla y rosada ; acero inoxidable.
 Corona antipolvere colore acciaio, gialla e rosa ; acciaio inossidabile.
 Coroa anti-poeira cor aço, amarela e cor de rosa ; aço inoxidável.

MSA	Couleur acier/Steel colour	Ø mm	Ø Tar./Tap. mm	MSA	Jaune/Yellow	MSA	Rose/Pink
85.042		3.50	0.90	-	-	-	-
85.043		3.75	0.90	-	-	-	-
-	-	4.00	0.90	-	-	85.084	
-	-	4.00	1.00	85.007		-	-
-	-	4.50	0.90	-	-	85.085	
85.046		5.00	0.90	-	-	-	-
-	-	5.00	1.00	85.009		-	-

Kg 0.001

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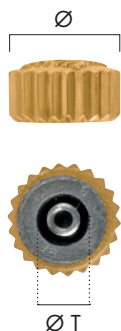
ZE

Couronne chrono couleur acier, jaune et rose ; acier inoxydable.
 Steel colour, yellow and pink chrono crown ; stainless steel.
 Stahlfarbe, gelbe und rosa Chrono Krone ; Edelstahl.
 Corona crono color acero, amarilla y rosada ; acero inoxidable.
 Corona crono colore acciaio, gialla e rosa ; acciaio inossidabile.
 Coroa crono cor aço, amarela e cor de rosa ; aço inoxidável.

MSA	Couleur acier/Steel colour	Ø mm	Ø Tar./Tap. mm	MSA	Jaune/Yellow	MSA	Rose/Pink
85.050		5.70	1.20	85.010		85.090	

Kg 0.001

1/1



ZE

Couronne étanche couleur acier, jaune et rose ; acier inoxydable.
 Steel colour, yellow and pink waterproof crown ; stainless steel.
 Stahlfarbe, gelbe und rosa wasserdichter Krone ; Edelstahl.
 Corona hermética color acero, amarilla y rosada ; acero inoxidable.
 Corona impermeabile colore acciaio, gialla e rosa ; acciaio inossidabile.
 Coroa estanque cor aço, amarela e cor de rosa ; aço inoxidável.

MSA	Couleur acier / Steel colour	Ø mm	Ø T mm	Ø Tar./ Tap. mm	MSA	Jaune/ Yellow	MSA	Rose/ Pink
85.052		4.00	2.00	0.90	-	-	-	-
85.054		4.50	2.50	0.90	-	-	85.094	
85.055		5.00	2.00	0.90	85.015		-	-
85.056		5.00	2.50	0.90	85.016		-	-
85.057		5.00	2.50	1.00	-	-	-	-

Kg 0.001

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Type MID

Couronne + tigreron couleur acier et jaune ; acier inoxydable.
 Steel colour and yellow crown + pivot-shank ; stainless steel.
 Stahlfarbe und gelbe Krone + Tigreron ; Edelstahl.
 Corona + tijita color acero y amarilla ; acero inoxidable.
 Corona + albero a strappo colore acciaio e gialla ; acciaio inossidabile.
 Coroa + tiginha cor aço e amarela ; aço inoxidável.

MSA	Couleur acier/Steel colour	Ø mm	Ø Tar./Tap. mm	MSA	Jaune/Yellow
85.401*		4.25	0.90	-	-
56.500-8479**		Longueur/Length : 3 mm			

Kg 0.001 * Jusqu'à épuisement des stocks / Will be discontinued after end of stock / Solange Vorrat / Hasta agotamiento del stock / Fino ad esaurimento dello stock / Até esgotamento do stock

** Tigreron femelle / Female pivot-shank / Muttertigreron / Tijita hembra / Albero a strappo femmine / Tiginha fêmea



LG

Couronne antipoussière couleur acier et jaune ; acier inoxydable.
 Steel colour and yellow dustproof crown ; stainless steel.
 Stahlfarbe und gelbe staubgeschützter Krone ; Edelstahl.
 Corona antipolvo color acero y amarilla ; acero inoxidable.
 Corona antipolvere colore acciaio e gialla ; acciaio inossidabile.
 Coroa anti-poeira cor aço e amarela ; aço inoxidável.

MSA	Couleur acier/Steel colour	Ø mm	Ø Tar./Tap. mm	Dôme/Dome	MSA	Jaune/Yellow
-	-	3.50	0.90	Bas/Low	85.102*	
85.203*		3.50	0.90	-	85.103*	
85.204*		3.75	0.90	Bas/Low	-	-
85.205*		3.75	0.90	-	-	-
85.206*		3.75	0.90	Haut/High	85.106*	
85.207*		4.00	0.90	Bas/Low Canon long/Long pipe	85.107*	
85.209*		4.00	0.90	-	85.109*	
-	-	4.00	0.90	Haut/High	85.110*	
85.211*		4.25	0.90	-	-	-

Kg 0.001

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LG

Couronne simple couleur acier et jaune ; acier inoxydable.
 Steel colour and yellow regular crown ; stainless steel.
 Stahlfarbe und gelbe einfache Krone ; Edelstahl.
 Corona sencilla color acero y amarilla ; acero inoxidable.
 Corona semplice colore acciaio e gialla ; acciaio inossidabile.
 Coroa simples cor aço e amarela ; aço inoxidável.

MSA	Couleur acier/Steel colour	Ø mm	Ø Tar./Tap. mm	Dôme/Dome	MSA	Jaune/Yellow
85.216*		3.00	0.80	-	85.116*	
-	-	3.00	0.90	-	85.117*	
85.218*		4.00	0.90	-	85.118*	
-	-	4.50	0.90	-	85.119*	

Kg 0.001

* Jusqu'à épuisement des stocks / Will be discontinued after end of stock / Solange Vorrat / Hasta agotamiento del stock / Fino ad esaurimento dello stock / Até esgotamento do stock

1/1



LG

Couronne étanche couleur acier et jaune ; acier inoxydable.
 Steel colour and yellow waterproof crown ; stainless steel.
 Stahlfarbe und gelbe wasserdichter Krone ; Edelstahl.
 Corona hermética color acero y amarilla ; acero inoxidable.
 Corona impermeabile colore acciaio e gialla ; acciaio inossidabile.
 Coroa estanque cor aço e amarela ; aço inoxidável.

MSA	Couleur acier/Steel colour	Ø mm	Ø T mm	Ø Tar./Tap. mm	Dôme/Dome	MSA	Jaune/Yellow
-	-	3.75	2.00	0.90	-	85.122*	
-	-	4.00	2.00	0.90	Bas/Low	85.124*	
85.226*		4.00	2.00	0.90	Haut/High Canon long/Long pipe	-	-
85.229*		4.50	2.00	0.90	Bas/Low Canon long/Long pipe	-	-
85.230*		4.50	2.00	0.90	-	85.130*	
-	-	4.50	2.00	0.90	Haut/High Canon long/Long pipe	85.131*	
85.234*		5.00	2.00	0.90	-	85.134*	
85.236*		5.00	2.00	1.00	Haut/High	-	-

Kg 0.001 * Jusqu'à épuisement des stocks / Will be discontinued after end of stock / Solange Vorrat / Hasta agotamiento 1/1 del stock / Fino ad esaurimento dello stock / Até esgotamento do stock



Type OM

Couronne étanche couleur acier et jaune ; acier inoxydable.



Steel colour and yellow waterproof crown ; stainless steel.

Stahlfarbe und gelbe wasserdichter Krone ; Edelstahl.

Corona hermética color acero y amarilla ; acero inoxidable.

Corona impermeabile colore acciaio e gialla ; acciaio inossidabile.

Coroa estanque cor aço e amarela ; aço inoxidável.

MSA	Couleur acier/Steel colour	∅ mm	∅ T mm	∅ Tar./Tap. mm	Hauteur/Height mm	MSA	Jaune/Yellow
-	-	3.75	2.00	0.90	3.80	85.611*	
-	-	4.10	2.00	0.90	2.00	85.619*	

Kg 0.001 * Jusqu'à épuisement des stocks / Will be discontinued after end of stock / Solange Vorrat / Hasta agotamiento 1/1
 del stock / Fino ad esaurimento dello stock / Até esgotamento do stock



1000
pcs

Couronne de travail ; blanche et jaune.

Working crown ; white and yellow.

Arbeitskrone ; weisse und gelbe.

Corona de trabajo ; blanca y amarilla.

Corona di lavoro ; bianca e gialla.

Coroa de trabalho ; branca e amarela.

MSA	1/1	Ø mm	Ø Tar./Tap. mm	Kg
87.000-070		5.00	0.70	0.060
87.000-080		5.00	0.80	0.060
87.000-090		5.00	0.90	0.060
87.000-120		5.00	1.20	0.060

Kg 0.001

1/1

