

Premium

ENCAPSULATION CHANGE KITS



CARLISLE PRECISION
ENCAPSULATION PARTS



A Natoli Engineering Company

2019/2020
CATALOG

PREMIUM ENCAPSULATION CHANGE PART KITS

You Get More from Natoli. Through its Carlisle Precision Encapsulation Parts subsidiary, Natoli Engineering Company manufactures premium change part kits for many brands of encapsulation machines. Precision engineered and manufactured from the highest quality materials, Natoli premium encapsulation parts meet—and often exceed—the functionality and longevity of OEM parts. Our state-of-the-art manufacturing facilities, award-winning engineering team, and dedicated production crew enable Natoli to offer our customers competitive pricing without compromising our high standards of quality and service. All parts are manufactured by Natoli Engineering Co. in the USA and are suitable for use on the encapsulation machines indicated.

- **Same-Day Shipping**
We maintain a large on-site inventory of change kits or parts, which means many orders ship same day.
- **Custom Parts**
We custom-make hundreds of parts engineered to our customers' exact specifications. We extend this special service to our customers searching for those "hard-to-find" change and spare parts.
- **Technical Training**
Learn solutions to common encapsulation problems from Natoli's experts at our regularly scheduled encapsulation training classes. These courses offer a complete overview of the encapsulation process from set-up to tooling storage. Attendees learn from the industry's leading experts and walk away with an in-depth understanding of the practical and technical aspects of capsule manufacturing and troubleshooting. Visit natoli.com/events to view our upcoming courses.

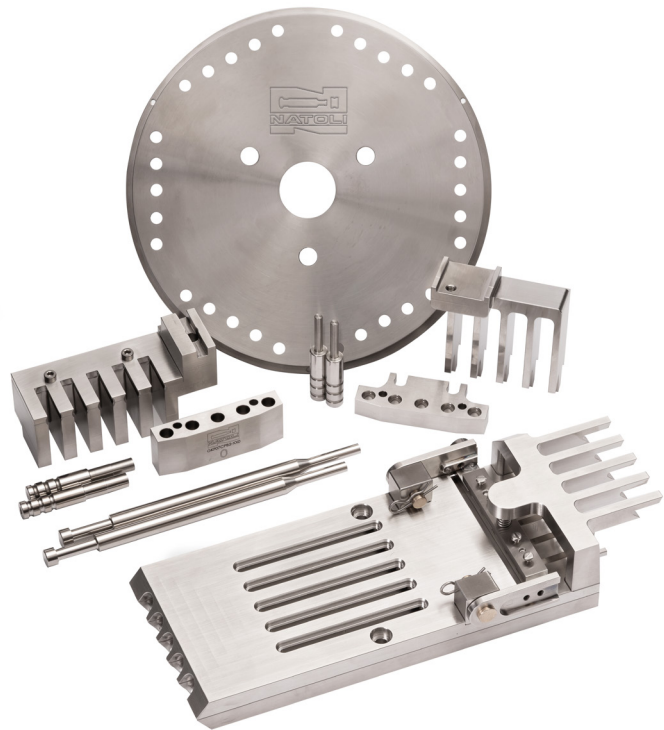
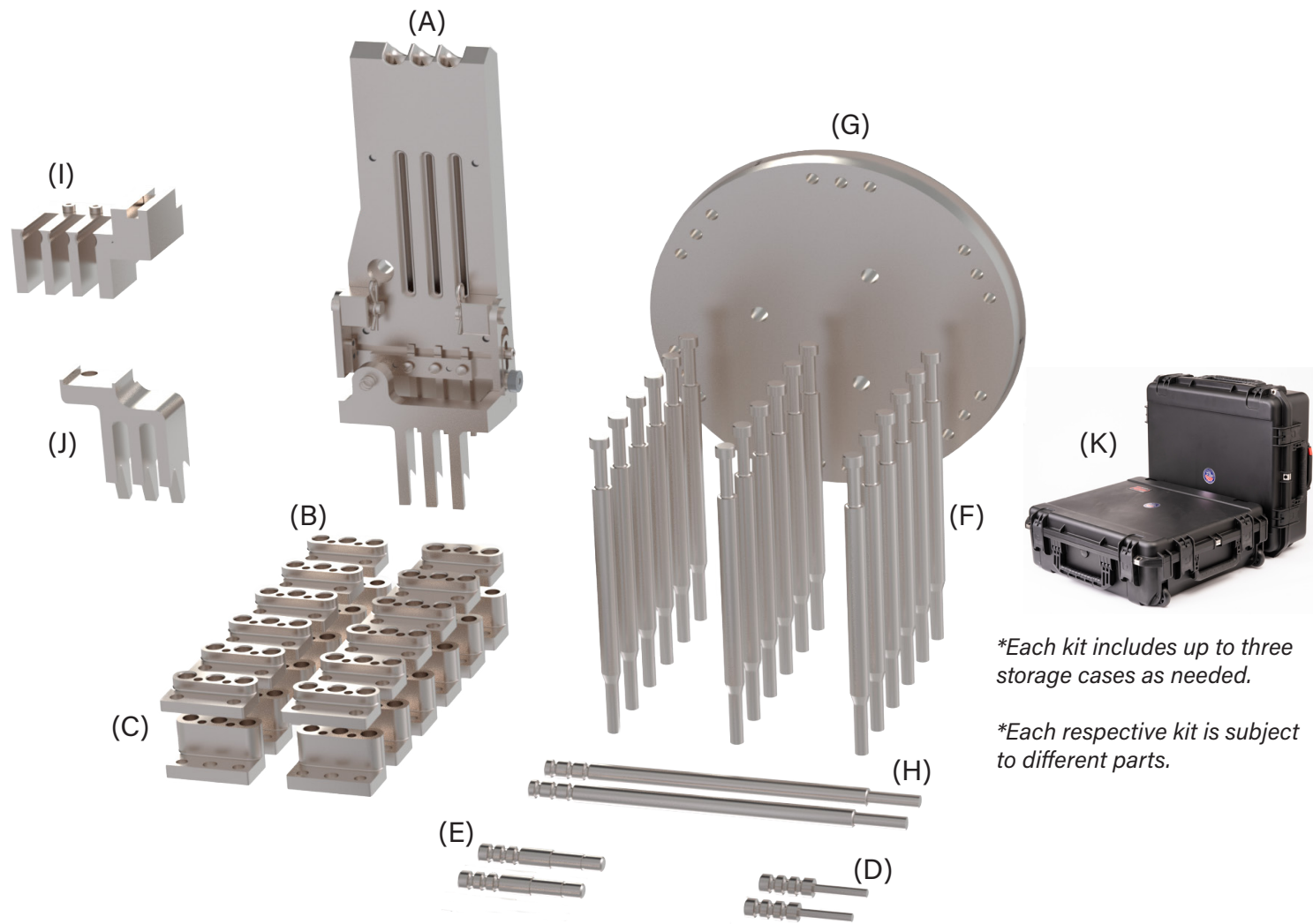


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GKF Complete Change Kit



**Each kit includes up to three storage cases as needed.*

**Each respective kit is subject to different parts.*

BOSCH GKF 330

	Kit Includes	Qty.
A	Capsule Magazine Complete	1
B	Upper Segment	12
C	Lower Segment	12
D	Universal Segment Alignment Pin	2
E	Segment Alignment Pin	2
F	Tamper Pin	18
G	Dosing Disk	1
H	Dosing Disk Alignment Pin	2
I	Sorting Block Complete	1
J	Horizontal Sorting Finger	1
K	Storage Case	2

Capsule Size	Kit Part No.
4	GKF04CP-XX4
3	GKF04CP-XX3
2	GKF04CP-XX2
1	GKF04CP-XX1
0	GKF04CP-XX0
00	GKF04CP-X00
000	GKF04CP-000

BOSCH GKF 400		Kit Includes	Qty.
	A	Capsule Magazine Complete	1
	B	Upper Segment	12
	C	Lower Segment	12
	D	Universal Segment Alignment Pin	2
	E	Segment Alignment Pin	2
	F	Tamper Pin	18
	G	Dosing Disk	1
	H	Dosing Disk Alignment Pin	2
	I	Sorting Block Complete	1
	J	Horizontal Sorting Finger	1
	K	Storage Case	2

Capsule Size	Kit Part No.
4	GKF04CP-XX4
3	GKF04CP-XX3
2	GKF04CP-XX2
1	GKF04CP-XX1
0	GKF04CP-XX0
00	GKF04CP-X00
000	GKF04CP-000

BOSCH GKF 701		Kit Includes	Qty.
	A	Magazine Assembly	1
	B	Upper Segment	12
	C	Lower Segment	12
	D	Universal Segment Alignment Pin	2
	E	Segment Alignment Pin	2
	F	Tamper Pin	30
	G	Dosing Disk	1
	H	Dosing Disk Alignment Pin	2
	I	Sorting Block Complete	1
	J	Horizontal Sorting Finger	1
	K	Storage Case	2

Capsule Size	Kit Part No.
4	GKF07CP-XX4
3	GKF07CP-XX3
2	GKF07CP-XX2
1	GKF07CP-XX1
0	GKF07CP-XX0
00	GKF07CP-X00
000	GKF07CP-000

BOSCH GKF 700		Kit Includes	Qty.
	A	Magazine Assembly	1
	B	Upper Segment	12
	C	Lower Segment	12
	D	Universal Segment Alignment Pin	2
	E	Segment Alignment Pin	2
	F	Tamper Pin	30
	G	Dosing Disk	1
	H	Dosing Disk Alignment Pin	2
	I	Sorting Block Complete	1
	J	Horizontal Sorting Finger	1
	K	Storage Case	2

Capsule Size	Kit Part No.
4	GKF07CP-XX4
3	GKF07CP-XX3
2	GKF07CP-XX2
1	GKF07CP-XX1
0	GKF07CP-XX0
00	GKF07CP-X00
000	GKF07CP-000

BOSCH GKF 1500		Kit Includes	Qty.
	A	Capsule Magazine Complete	2
	B	Upper Segment	12
	C	Lower Segment	12
	D	Universal Segment Alignment Pin	2
	E	Segment Alignment Pin	2
	F	Tamper Pin	72
	G	Dosing Disk	1
	H	Dosing Disk Alignment Pin	2
	I	Sorting Block Complete	2
	J	Horizontal Sorting Finger	2
	K	Storage Case	2

Capsule Size	Kit Part No.
4	GKF15CP-XX4
3	GKF15CP-XX3
2	GKF15CP-XX2
1	GKF15CP-XX1
0	GKF15CP-XX0
00	GKF15CP-X00
000	GKF15CP-000

BOSCH GKF 700S		Kit Includes	Qty.
	A	Magazine Assembly	1
	B	Upper Segment	12
	C	Lower Segment	12
	D	Universal Segment Alignment Pin	2
	E	Segment Alignment Pin	2
	F	Tamper Pin	30
	G	Dosing Disk	1
	H	Dosing Disk Alignment Pin	2
	I	Sorting Block Complete	1
	J	Horizontal Sorting Finger	1
	K	Storage Case	2

Capsule Size	Kit Part No.
4	GKF07CP-XX4
3	GKF07CP-XX3
2	GKF07CP-XX2
1	GKF07CP-XX1
0	GKF07CP-XX0
00	GKF07CP-X00
000	GKF07CP-000

BOSCH GKF 2000		Kit Includes	Qty.
	A	Capsule Magazine Complete	2
	B	Upper Segment	12
	C	Lower Segment	12
	D	Universal Segment Alignment Pin	2
	E	Segment Alignment Pin	2
	F	Tamper Pin	108
	G	Dosing Disk	1
	H	Dosing Disk Alignment Pin	2
	I	Sorting Block Complete	2
	J	Horizontal Sorting Finger	2
	K	Storage Case	2

Capsule Size	Kit Part No.
4	GKF20CP-XX4
3	GKF20CP-XX3
2	GKF20CP-XX2
1	GKF20CP-XX1
0	GKF20CP-XX0
00	GKF20CP-X00

Configuration: 18 Hole

GKF Complete Change Kits

BOSCH GKF 2000S

	Kit Includes	Qty.
A	Capsule Magazine Complete	2
B	Upper Segment	12
C	Lower Segment	12
D	Universal Segment Alignment Pin	2
E	Segment Alignment Pin	2
F	Tamper Pin	108
G	Dosing Disk	1
H	Dosing Disk Alignment Pin	2
I	Sorting Block Complete	2
J	Horizontal Sorting Finger	2
K	Storage Case	2

Capsule Size	Kit Part No.
4	GKF20CP-XX4
3	GKF20CP-XX3
2	GKF20CP-XX2
1	GKF20CP-XX1
0	GKF20CP-XX0
00	GKF20CP-X00

DMW Complete Change Kit

BOSCH DMW 2000

	Kit Includes	Qty.
A	Capsule Magazine Complete	2
B	Upper Segment	12
C	Lower Segment	12
D	Universal Segment Alignment Pin	2
E	Segment Alignment Pin	2
F	Tamper Pin	96
G	Dosing Disk	1
H	Dosing Disk Alignment Pin	2
I	Sorting Block Complete	2
J	Horizontal Sorting Finger	2
K	Storage Case	2

Capsule Size	Kit Part No.
4	DMW20CP-XX4
3	DMW20CP-XX3
2	DMW20CP-XX2
1	DMW20CP-XX1
0	DMW20CP-XX0
00	DMW20CP-X00

Configuration: 16 Hole

Capsylon Complete Change Kits

BOSCH CAPSYLON 705

	Kit Includes	Qty.
A	Capsule Magazine Complete	1
B	Upper Segment	12
C	Lower Segment	12
D	Universal Segment Alignment Pin	2
E	Segment Alignment Pin	2
F	Tamper Pin	30
G	Dosing Disk	1
H	Dosing Disk Alignment Pin	2
I	Sorting Block Complete	1
J	Horizontal Sorting Finger	1
K	Storage Case	2

Capsule Size	Kit Part No.
4	GKF07CP-XX4
3	GKF07CP-XX3
2	GKF07CP-XX2
1	GKF07CP-XX1
0	GKF07CP-XX0
00	GKF07CP-X00

BOSCH CAPSYLON 1505

	Kit Includes	Qty.
A	Capsule Magazine Complete	1
B	Upper Segment	12
C	Lower Segment	12
D	Universal Segment Alignment Pin	2
E	Segment Alignment Pin	2
F	Tamper Pin	66
G	Dosing Disk	1
H	Dosing Disk Alignment Pin	2
I	Sorting Block Complete	1
J	Horizontal Sorting Finger	1
K	Storage Case	2

Capsule Size	Kit Part No.
4	CAP15CP-XX4
3	CAP15CP-XX3
2	CAP15CP-XX2
1	CAP15CP-XX1
0	CAP15CP-XX0
00	CAP15CP-X00
000	CAP15CP-000

BOSCH CAPSYLON 3005

	Kit Includes	Qty.
A	Capsule Magazine Complete	2
B	Upper Segment	12
C	Lower Segment	12
D	Universal Segment Alignment Pin	2
E	Segment Alignment Pin	2
F	Tamper Pin	126
G	Dosing Disk	1
H	Dosing Disk Alignment Pin	2
I	Sorting Block Complete	2
J	Horizontal Sorting Finger	2
K	Storage Case	2

Capsule Size	Kit Part No.
4	CAP35CP-XX4
3	CAP35CP-XX3
2	CAP35CP-XX2
1	CAP35CP-XX1
0	CAP35CP-XX0
00	CAP35CP-X00
000	CAP35CP-000

Durable Case Construction

Kit parts come in an injection molded, MIL-standard, waterproof case manufactured by SKB Cases. These incredibly durable and stackable cases are constructed of ultra high-strength polypropylene copolymer resin for superior damage and impact protection during transport or while in storage. They also feature a gasketed, water- and dust-tight submersible design to prevent corrosion.

Features for Easy Transport

Cases are designed to ensure safe and easy transport. In addition to the comfortable, snap-down cushion grip handle, each case is equipped with an extension handle to utilize the wheels for easier mobility. Change part kits store easily within the soft foam interior and cases securely fasten with a patented, trigger release latch system.



**Some cases utilize two layers for compact storage of parts.*



Extended handle



**Cases are subject to change*



Wheels for easier transportation

PREMIUM NATOLI SEGMENTS ASSURE PROPER ALIGNMENT

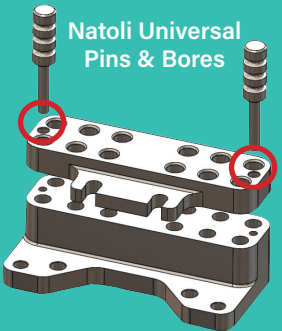
NO MORE SEGMENT ALIGNMENT WOES!

The principal purpose for segment alignment is to allow capsules to be separated reliably and rejoined accurately. To accomplish this, the upper segment must be precisely aligned with the lower segment and the segment surfaces must be parallel.

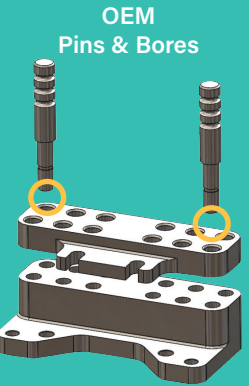
To ensure the most accurate segment alignment and fit possible, Natoli manufactures universal alignment pins and bores for all segments. The addition of universal alignment bores in segments and the use of universal alignment pins help correct capsule bore misalignment and even enables slightly worn segments to operate more effectively. This improved method of segment alignment is also helpful when granular formulations are used as such products have a tendency to cause capsules to split.

The use of Natoli Universal Alignment Pins changes segment alignment setup from a purely manual process to a precise operation.

Natoli Universal Segment Alignment Vs. OEM Alignment



Natoli Segment & Alignment Pins



OEM Segment & Alignment Pins

Natoli Universal Alignment Pins have many benefits, including:

- » One (1) set of Special Alignment Pins fit all sizes of segments
- » Special alignment pins/bores align segments perfectly every time
- » Special alignment bores never wear out—unlike capsule bores
- » Maximum variance of capsule bore alignment with Special Alignment Pins is .0005" while OEM specifications allow nearly .0007"
- » Special Alignment Bores and Pins are available for all Bosch, Index, Bohanan, IIM, Sejong, and many other encapsulation machines



Natoli Universal Segment Alignment Pin



OEM Segment Alignment Pin



ENCAPSULATION ACCESSORIES

ALIGNMENT PIN TOOL KIT

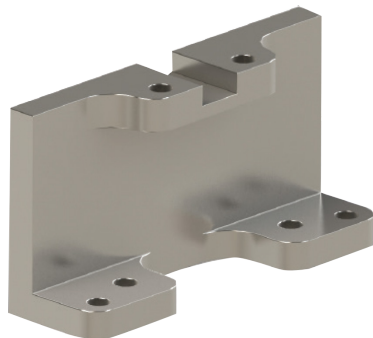


This kit provides the tools needed to align all critical stations on the following encapsulators, including: magazine towers, the dosing disk to lower segment, upper segment to lower segment, and dosing disk to guide ring.

Designed for use with the following encapsulation machine models: GKF 330/400, 700, 1500; and DMW 2000.

Item Description	Part No.
Alignment Pin Tool Kit - #XXX	GKF15APCC-XXX

SEGMENT CARRIER ALIGNMENT TOOL

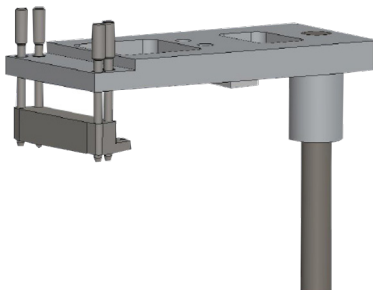


The Segment Carrier Alignment Tool is used to align the segment carrier to the indexing table. This ensures proper capsule separation and capsule closing.

Designed for use with GKF 1500 and DMW 2000 encapsulation machines.

Item Description	Part No.
Segment Carrier Alignment Tool-Stainless Steel	GKF15INAX

CAPSYLON LOWER SEGMENT CARRIER ALIGNMENT TOOL

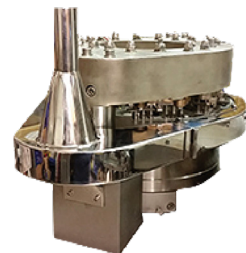


The Lower Segment Carrier Alignment Tool is used to align the lower segment carrier so that the upper and lower segments are aligned correctly to ensure proper capsule separation and closing.

Designed for use with the Capsylon 1505 and Capsylon 3005.

Item Description	Part No.
Lower Segment Carrier Alignment Tool	CAP15INX3

TAMPER DUST HOOD



The Tamper Dust Hood prevents product dust from floating out of the tamper dosing area and aids in keeping the entire encapsulation process cleaner.

Designed for use with the following encapsulation machine models: GKF 1500 and DMW 2000.

Item Description	Part No.
Tamper Dust Hood	GKF15TDQ

NATOLI CAPSULE POLISHER

Quickly removes even the finest, most persistent powders.

The Natoli Capsule Polisher features a specially designed polishing chamber that is simple and easy to disassemble, clean, and reinstall. Mid-run clean-ups can be accomplished in only seconds. With an additional polishing chamber (optional), changeover to a clean polishing chamber takes less than one minute.

Item Description	Part No.
Capsule Polisher	TRT-RCP
Additional Polish Chamber (Optional)	TB111

Polisher Features

- » Cyclonic flow in the polishing chamber assures that powder is removed without settling
- » Pressurized air feeds through brush for aggressive air flow
- » No corners to collect powder in polishing chamber
- » Brush made of food safe, FDA-compliant nylon
- » Brush shaft is open on both ends for ease of cleaning
- » No bearing or belt removal is necessary when disassembling
- » Empty cap eliminator can be mounted on either the capsule input or output
- » Ancillary devices may be mounted on output end (e.g. metal detectors)

DISASSEMBLES IN LESS THAN ONE MINUTE!



Robust, extra-wide base has angle and height adjustments with locking wheels.

NATOLI ENGINEERING: Dedicated to Supporting Our Industry

Through its Carlisle Precision Encapsulation Parts subsidiary, Natoli Engineering Company also offers individual change parts and spare parts for many brands of encapsulation machines.

For the encapsulation individual parts catalog visit natoli.com, contact your Natoli sales representative, or contact Natoli customer service at 636-926-8900.



Encapsulation



**Tablet
Compression
Accessories**



Technical Training



**Tablet
Compression
Tooling**



**Tablet Press
Replacement Parts**



**Regional Service
Centers**



**Tablet Press
Refurbishment**



Tablet Design



**Scientific and
On-Site Consulting**



YOU DEMAND. WE DELIVER.

NATOLI ENGINEERING COMPANY

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