

ABUS | USA LLC  
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Security Tech Germany

# 83 Series 2

Best Rekeyable Ever



# ALL NEW 83 SERIES 2

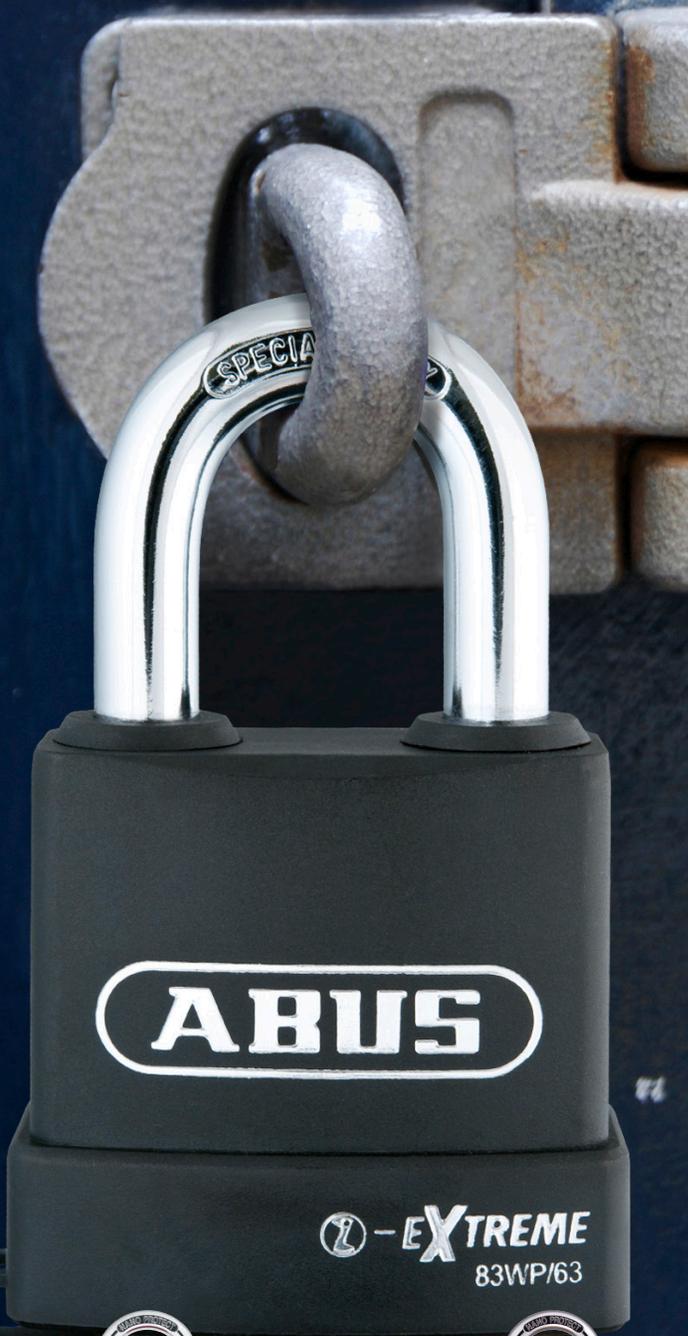
## Best Rekeyable Ever

For well over 50 years, the locksmith's commercial padlock of choice has been a 45mm brass-bodied padlock. And while this choice has remained constant throughout the decades, the 45mm brass padlock of today offers substantial improvements in quality, security and corrosion resistance.

Precision and quality, fast rekeying, easy shackle changing, function convertibility and the development of the NANO PROTECT™ plating for extreme corrosion resistance are standard with the ABUS 83 Series 2.

The choice of hardened steel bodied padlocks and new lightweight TITANIUM™ aluminum padlocks further enhance what is already the United States' best padlock offering.

The people at ABUS know and understand padlocks. ABUS, which stands for August Bremicker and sons, has been a family owned and operated company since 1924. The original manufacturing facility in Wetter, Germany still operates today.



83AL/40 S2



83AL/45 S2



83/40 S2



83/45 S2



83CS/45 S2



83/50 S2



83CS/50 S2

# TRUST THE ORIGINAL

NANO PROTECT™  
coating for extreme  
corrosion resistance

Patented "Easy  
Shackle Change"  
feature: shackle can  
be changed within  
seconds

Brass, aluminum and  
steel bodies available

Patented "Z-bar"  
allows padlock to be  
easily converted from  
non-key-retaining to  
key-retaining

ABUS OEM cylinder  
with patented  
"Pinning Window"  
(allows pinning in  
seconds)

OEM KnK Cylinder  
(Ilco®, Medeco®,  
Mul-T-Lock®, Schlage®  
and Sargent®)



Accepts most restricted  
keying systems



83/55 S2



83CS/55 S2



83MAR/45



83WP/53



83WP/53 S2



# 83 SERIES 2 FEATURES

## ABUS Exclusives

**Patented "Z-bar"**  
 Converts between key-retaining and non-key-retaining in seconds!

**Patented "Pinning Window"**  
 The patented pinning window allows users to quickly and easily re-pin our cylinder without having to remove the inner core.



**Patented "Chamber 6 Access" (C6A)**  
 Allows users to convert from a 5-pin to a 6-pin cylinder in seconds with easy access to the 6th chamber.

**Patented "Easy Shackle Change Tool"**  
 Change shackles in seconds with the patented "Easy Shackle Change Tool" available on 83AL/40, 83AL-IC/40, 83/40, 83AL/45, 83/45, 83IC/45, 83CS/45, 83S-LFIC/45, 83/50, 83IC/50, 83CS/50, 83WP/53, 83WP-IC/53, 83WP-LFIC/53 and 83KnK/45.



## Technical Details

- Accepts ABUS cylinders and most OEM KnK assemblies including Ilco®, Medeco®, Mul-T-Lock® and any OEM prepped for Schlage®
- Available in solid aluminum, solid brass, solid brass nickel-plated and solid steel chrome-plated padlocks
- Double-ball shackle locking (83/80 triple-ball shackle locking)
- Hardened steel shackle with NANO PROTECT™ coating for extreme corrosion resistance
- Shackles available in various materials - NANO PROTECT™-coated hardened steel, stainless steel and brass
- Shackles available in sizes ranging from one inch to six inches
- 83 KnK/45 SGT accepts OEM Sargent® cylinder

# TITALIUM™

83AL/40 S2, 83AL/45 S2

Special aluminum alloy padlock, as strong as brass with approximately 30% less weight



# Brass

83/40 S2, 83/45 S2, 83CS/45 S2

The locksmith's padlock of choice



## Features

- Lightweight, color-anodized aluminum lock body
- Hardened steel shackle with NANO PROTECT™ coating, also available in stainless steel and brass in varying heights\*
- High-precision pin tumbler with patented pinning window
- Cylinder can be taken out and re-keyed to match an existing key and can be keyed to many popular keyways
- Padlock can be ordered without shackle and/or without cylinder to customize lock
- Lock body available in assorted colors
- Weather-proof cap available upon request

Item	Shackle Height (in)	Locking Elements	Weight (lbs)	Level (1-10)	Shelf Pack Quantity
83AL/40	1, 1 1/2, 3, 4	6	0.340	7	6
83AL/45	1, 2, 3, 4, 6	6	0.465	8	6
83AL-IC/40	1, 1 1/2, 3, 4	6	0.168	7	6
83AL-IC/45	1, 2, 3, 4, 6	-	0.287	8	6

## Features

- Solid brass lock body
- Hardened steel shackle with NANO PROTECT™ coating, also available in stainless steel and brass in varying heights\*
- High-precision pin tumbler with patented pinning window
- Cylinder can be taken out and rekeyed to match an existing key and can be keyed to many popular keyways
- Padlock can be ordered without shackle and/or without cylinder to customize lock
- Shackle can be exchanged within seconds
- Weather-proof cap available upon request

Product No.	Shackle Height (in)	Locking Elements	Weight (lbs)	Level (1-10)	Shelf Pack Quantity
83/40	1, 1 1/2, 3, 4	6	0.625	8	6
83/45	1, 2, 3, 4, 6	6	0.785	8	6
83CS/45	1, 2, 3, 4, 6	6	0.853	8	6
83IC/45	1, 2, 3, 4, 6	-	0.586	8	6
83KnK/45	1, 2, 3, 4, 6	-	0.606	8	6
83CS-IC/45	1, 2, 3, 4, 6	-	0.650	8	6

\*83AL/40 and 83/40 come standard with a 1 1/2" shackle



Security Tech Germany

# Hardened Steel LFIC

83S-LFIC/45 S2

A new option for LFIC with the same great features of the 83WP/53



**83S-LFIC/45 S2**  
1 3/4" width

# Chrome-Plated Brass

83/50 S2, 83CS/50 S2

All the great features of the 83/45 with additional security and that little bit of style



**83/50 S2**  
2" width

## Features

- Body made from hardened steel with NANO PROTECT™ coating - same superior corrosion resistance as 83WP Series
- Hardened steel shackle with NANO PROTECT™ coating, available in different heights
- Padlock can be ordered without shackle to customize lock
- Accepts LFIC Schlage® cylinders
- Accepts all 83WP/53 compatible shackles

## Features

- Chrome-plated solid brass lock body
- Hardened steel shackle with NANO PROTECT™ coating, also available in stainless steel and in different heights
- High-precision pin tumbler with patented pinning window
- Cylinder can be taken out and rekeyed to match an existing key and can be keyed to many popular keyways
- Padlock can be ordered without shackle and/or without cylinder to customize lock
- Shackle can be exchanged within seconds
- Weather-proof cap available upon request

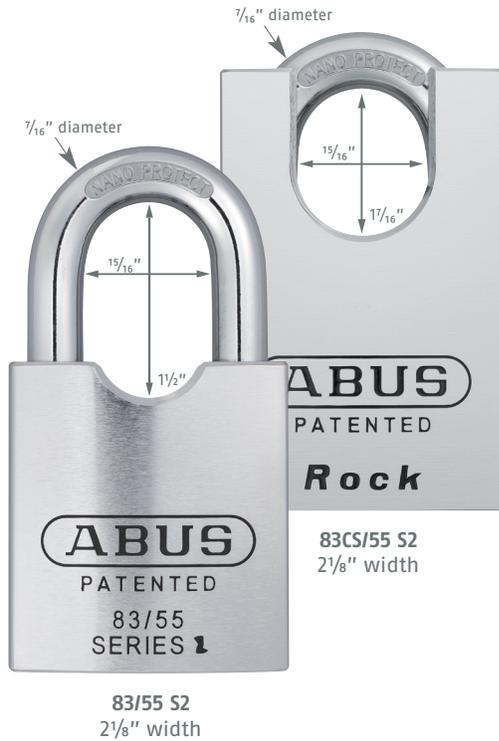
Product No.	Shackle Height (in)	Locking Elements	Weight (lbs)	Level (1-10)	Shelf Pack Quantity
83S-LFIC/45	1 3/16, 2 1/2, 3, 4	6	0.625	8	6

Product No.	Shackle Height (in)	Locking Elements	Weight (lbs)	Level (1-10)	Shelf Pack Quantity
83/50	1, 2, 3, 4	6	0.763	8	6
83CS/50	1, 2, 3, 4	6	0.906	8	6
83IC/50	1, 2, 3, 4	-	0.582	8	6
83KnK/50	1, 2, 3, 4	-	0.582	8	6
83CS-IC/50	1, 2, 3, 4	-	0.728	8	6
83CS-KnK/50	1, 2, 3, 4	-	0.727	8	6

# Hardened Steel

83/55 S2, 83CS/55 S2

Heavy-duty, steel-bodied padlock



83/55 S2  
2 1/8" width

# Plated Brass

83MAR/45, 83WPIB/53

The ideal all-weather padlock with a stainless steel shackle



83MAR/45  
1 7/8" width

## Features

- Body and shackle made of hardened steel with NANO PROTECT™ coating for extra corrosion resistance
- Various shackle heights available
- High-precision pin tumbler with patented pinning window
- Cylinder can be taken out and rekeyed to match an existing key and can be keyed to many popular keyways
- Padlock can be ordered without shackle and/or without cylinder to customize lock
- Weather-proof cap available upon request

Product No.	Shackle Height (in)	Locking Elements	Weight (lbs)	Level (1-10)	Shelf Pack Quantity
83/55	1, 1 7/16, 3	5-6	1.378	9	6
83CS/55	1, 1 7/16, 3	5-6	1.488	9	6
83IC/55	1, 1 7/16, 3	-	1.270	9	6
83KnK/55	1, 1 7/16, 3	-	1.270	9	6
83CS-IC/55	1, 1 7/16, 3	-	1.177	9	6
83CS-KnK/55	1, 1 7/16, 3	-	1.177	9	6

## Features

- 83MAR: Pearl-nickel-plated brass body with cylinder cover
- 83WPIB: Special chrome-plated brass body - Fully weather protected with shackle seals and cylinder cover
- Stainless steel shackle available in different heights
- High-precision pin tumbler with patented pinning window
- Cylinder can be taken out and rekeyed to match an existing key and can be keyed to many popular keyways
- Padlock can be ordered without shackle and/or without cylinder to customize lock

Product No.	Shackle Height (in)	Locking Elements	Weight (lbs)	Level (1-10)	Shelf Pack Quantity
83MAR/45	1	6	0.816	8	6
83WPIB/53	1	6	0.897	9	6



# Weather-proof

83WP/53 S2, 83WP/63 S2

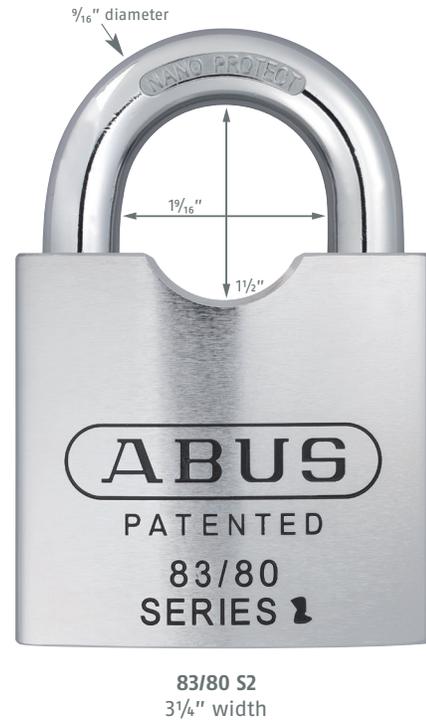
Ultimate protection for the harshest conditions



# Hardened Steel

83/80 S2

The ultimate heavy-duty, steel-bodied padlock



## Features

- Hardened steel body with NANO PROTECT™ coating
- Hardened steel shackle with NANO PROTECT™ coating, also available in different heights
- High-precision pin tumbler with patented pinning window
- Cylinder can be taken out and rekeyed to match an existing key and can be keyed to many popular keyways
- Durable weather cover with drainage system
- Padlock can be ordered without shackle and/or without cylinder to customize lock

Product No.	Shackle Height (in)	Locking Elements	Weight (lbs)	Level (1-10)	Shelf Pack Quantity
83WP/53	1 1/16, 2 1/2, 3, 4	6	0.860	8	6
83WP/63	1 3/8, 2 1/2	6	1.175	9	6
83WP-IC/53	1 1/16, 2 1/2, 3, 4	6	0.617	8	6
83WP-KnK/53	1 1/16, 2 1/2, 3, 4	-	0.617	8	6
83WP-LFIC/53	1 1/16, 2 1/2, 3, 4	-	0.617	8	6
83WP-IC/63	1 3/8, 2 1/2	-	0.935	9	6
83WP-KnK/63	1 3/8, 2 1/2	-	0.935	9	6

## Features

- Hardened steel body and shackle with NANO PROTECT™ coating for corrosion resistance
- High-precision pin tumbler with patented pinning window
- Cylinder can be taken out and rekeyed to match an existing key and can be keyed to many popular keyways
- Padlock can be ordered without shackle and/or without cylinder to customize lock
- Weather-proof cap available upon request

Product No.	Shackle Height (in)	Locking Elements	Weight (lbs)	Level (1-10)	Shelf Pack Quantity
83/80	1 1/2	6	3.131	10	3

# Interchangeable Core Padlocks

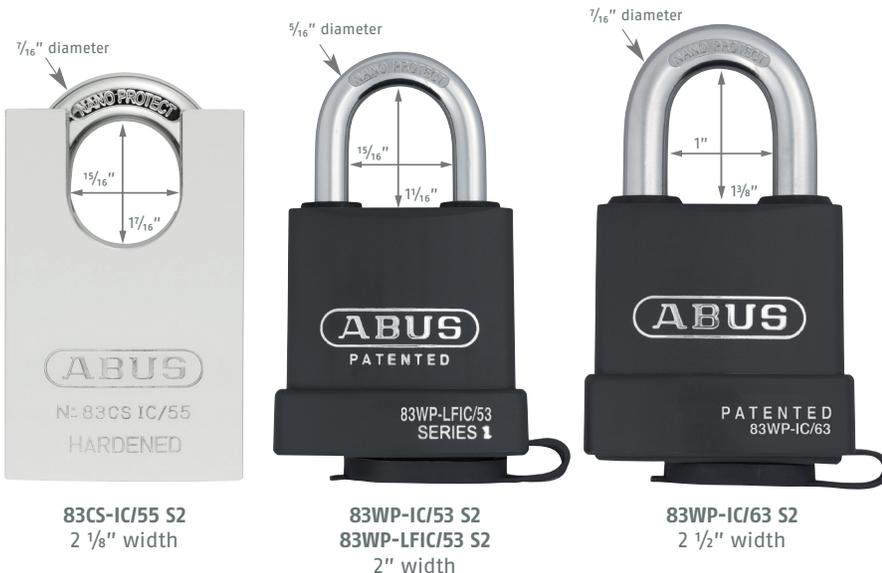
## Features

- Accepts 6-pin and 7-pin SFIC cylinders
- Available in solid aluminum, solid brass, solid brass chrome-plated and solid hardened steel bodied padlocks
- Double-ball shackle locking
- Hardened steel shackle with NANO PROTECT™ coating for extreme corrosion resistance
- 3-in-1 bolt driver makes it easy to change shackles as the spring does not need to be reset
- Patented "Z-bar" allows padlock to be easily converted from non-key-retaining to key-retaining in seconds
- Shackles available in a choice of materials - hardened steel shackle with NANO PROTECT™ coating for extreme corrosion resistance, stainless steel and brass
- Shackles available in a range of lengths from 1" to 6"
- **New!** Exchange shackles in seconds with the easy shackle change tool (not available on 83CS-IC/55 or 83WP-IC/63)
- 83WP-LFIC/53 and 83S-LFIC/45 accept LFIC Schlage® cylinders



## New! 83S-LFIC/45

- Body made from hardened steel with NANO PROTECT™ coating - same superior corrosion resistance as 83WP Series
- Hardened steel shackle with NANO PROTECT™ coating, available in different heights
- Padlock can be ordered without shackle to customize lock
- Accepts LFIC Schlage® cylinders



## All Drivers Included



Product No.	Shackle Height (in)	Weight (lbs)	Level (1-10)	Shelf Pk Qty
83AL-IC/40	1, 1 1/2, 3, 4	0.168	8	6
83IC/45	1, 2, 3, 4, 6	0.586	8	6
83S-LFIC/45	1 3/16, 2 1/2, 3, 4	0.625	8	6
83IC/50	1, 2, 3, 4	0.728	8	6
83CS-IC/55	1, 1 7/16, 3	1.177	8	6
83WP-IC/53	1 1/16, 2 1/2, 3, 4	0.617	8	6
83WP-LFIC/53	1 1/16, 2 1/2, 3, 4	0.617	8	6
83WP-IC/63	1 3/8, 2 1/2	0.935	9	6

# Keyways



Schlage C 300 is 6-5 pin loaded and Schlage C 306 is 6-6 pin loaded  
Schlage Everest EVER is a composite that will fit all Everest C keyways

## ABUS 888 Keyway

ABUS's new patented semi-restricted keyway designed for the 83 series offers total control and protection. The ABUS 888 keyway gives you key control and protection against unauthorized duplication of keys, offering you increased security. The extra strong key with its high torsion resistance is 4x stronger than most OEM keyways.



## Additional Features

### KnK Cylinder Compatibility

Most OEM KnK cylinder assemblies will fit into the new 83 Series 2 padlocks. The use of special adapters is required. KnK Adapter Kit Includes: Bible Cover, Schlage & Primus, Medeco, Mul-T-Lock, Ilco/Sargent KnK Drivers.



KnK Adapter Kit

### Shackle Changing Tools

There are two new shackle changing tools for use with ABUS 83 Series 2. Version 1 is a solid aluminum, steel tip tool designed for use in the workshop environment. Version 2 is an economy version of this tool, designed for use in a van or onsite and when only a smaller number of shackles needs to be changed. A flat bladed screwdriver can no longer be used to remove the shackle, reducing the likelihood of a consumer accidentally doing so.

### Easy Shackle Change Feature

The popular "Easy Shackle Change" feature has been expanded to all 83ALs, 83/45, 83KnK/45, 83/50, 83WP/53 Series 2 and most IC padlocks.



Professional Aluminum Shackle Change Tool

### 3-in-1 Bolt Driver

The 3-in-1 bolt driver setup has been retained for the large steel-bodied padlocks. Changing shackles becomes much simpler using this tool as the spring does not need to be reset. The 3-in-1 bolt driver is used in the 83/55, 83CS/55, 83/80 and 83WP/63 Series 2 as well as all IC padlocks.



3-in-1 Bolt Driver

### Symmetrical Z-Bar

A new Series 2 Z-bar has been designed for use in converting from key-retaining to non-key-retaining in seconds. It looks similar to the existing Z-bar, but is symmetrical and has a black dot printed on it, distinguishing it from the old Z-bar which is produced with a red dot. The old S1 Z-bar is shaped differently than the new S2 Z-bar, therefore the two are not interchangeable.



S2 Z-Bar

### Shackle Collar and Chain

With an ABUS shackle collar and chain, you can affix any one of our 83 series padlocks to a specific location to help prevent loss and contamination of the padlock. The shackle collar slides up the leg of the shackle and holds the chain attached to the padlock when open. Shackle collars are available for 5/16", 3/8" and 7/16" diameter shackles and can be purchased individually or in a collar kit which includes 6 collars of each size (part #83000K).



Shackle Collar

### 83 S2 Service Kit

ABUS 83 Series Service Kit is the perfect way to keep all your parts for the 83 Series organized in your shop or in your van. The kit includes a variety of shackles for the 83/45, cylinders, KnK bible covers and adapters, Z-bars, Easy Shackle Change Tools and much more.



83 S2 Service Kit

# 83 Series 2 Quick Reference Guide

Product	Body Material	Body Width	Rekeyable (RK) SFIC, LFIC	Available Shackle Materials			Easy Shackle Change	High-Precision Pin-Tumbler Cylinder	Weather-proof Cap Available	Available Shackle Lengths					
				Hardened Steel w/ NANO PROTECT™	Brass	Stainless Steel				1"	1 1/2"	2"	2 1/2"	3"	4"
 83AL/40 83AL-IC/40	TITALIUM™	1 1/2"	RK SFIC	•			•	•	•	•		•	•		
 83AL/45	TITALIUM™	1 3/4"	RK	•	•	•	•	•	•	•	•	•	•	•	•
 83/40	Brass	1 1/2"	RK	•			•	•	•	•		•	•		
 83/45 83IC/45	Brass	1 3/4"	RK SFIC	•	•	•	•	•	•	•	•	•	•	•	•
 83CS/45	Brass	1 3/4"	RK	•	•	•	•	•	•	•	•	•	•	•	•
 83S-LFIC/45	Hardened Steel with NANO PROTECT™	1 3/4"	LFIC	•			•	•		•		•	•	•	
 83/50 83IC/50	Chrome- plated Brass	2"	RK SFIC	•	•	•	•	•	•	•	•	•	•	•	•
 83CS/50	Chrome- plated Brass	2"	RK	•		•	•	•	•	•	•	•	•	•	•
 83/55	Hardened Steel with NANO PROTECT™	2 1/8"	RK	•			•	•	•	•	•		•		
 83CS/55 83CS-IC/55	Hardened Steel with NANO PROTECT™	2 1/8"	RK SFIC	•			•	•	•	•	•		•		
 83MAR/45	Pearl-Nickel- plated Brass	1 7/8"	RK			•	•	•	•	•	•				
 83WP/53	Chrome-plated Brass	2"	RK			•	•	•	•	•	•				
 83WP/53 83WP-IC/53 83WP-LFIC/53	Hardened Steel with NANO PROTECT™	2"	RK SFIC LFIC	•			•	•	•	•	•	•	•	•	•
 83WP/63 83WP-IC/63	Hardened Steel with NANO PROTECT™	2 1/2"	RK SFIC	•			•	•	•	•	•	•	•		
 83/80	Hardened Steel with NANO PROTECT™	3 1/4"	RK	•			•	•	•	•	•				

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