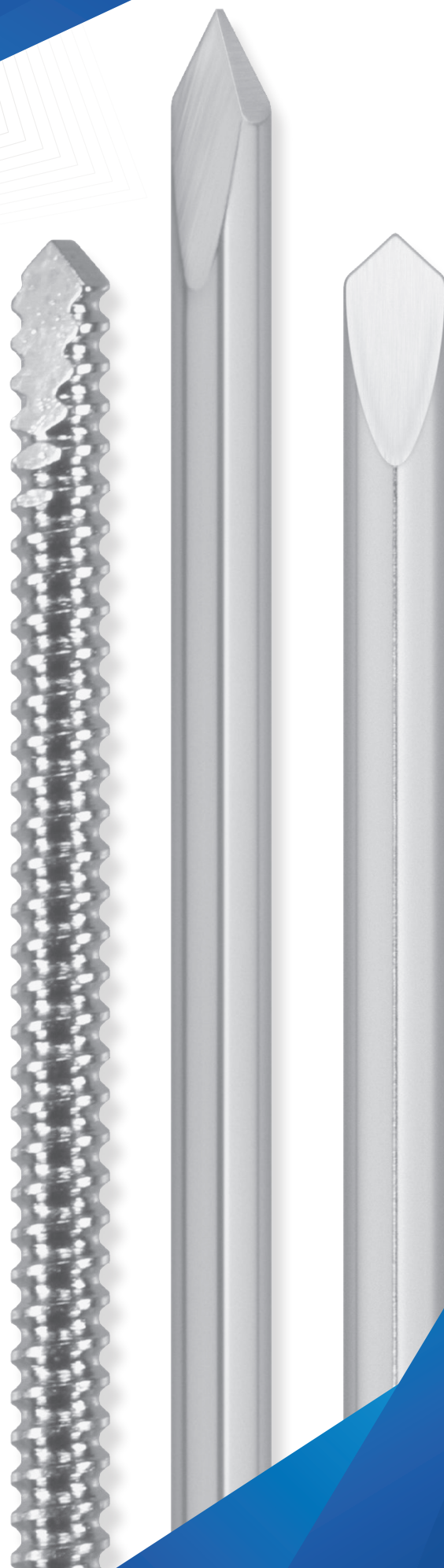




BRASSELER
USA® SURGICAL INSTRUMENTATION

K-WIRES, STEINMANN PINS & GUIDE WIRE



THE SMART CHOICE

K-WIRES, STEINMANN PINS & GUIDE WIRE

Brasseler USA is proud to offer a comprehensive, high-quality K-Wire and Steinmann Pin product line. Fabricated from precision ground 316L implant grade stainless steel (ASTM F 138), our wires and pins are manufactured in the USA to very rigid specifications and subjected to strenuous inspection programs to ensure predictable, positive results. We are pleased to provide only the best quality products at an exceptional value.

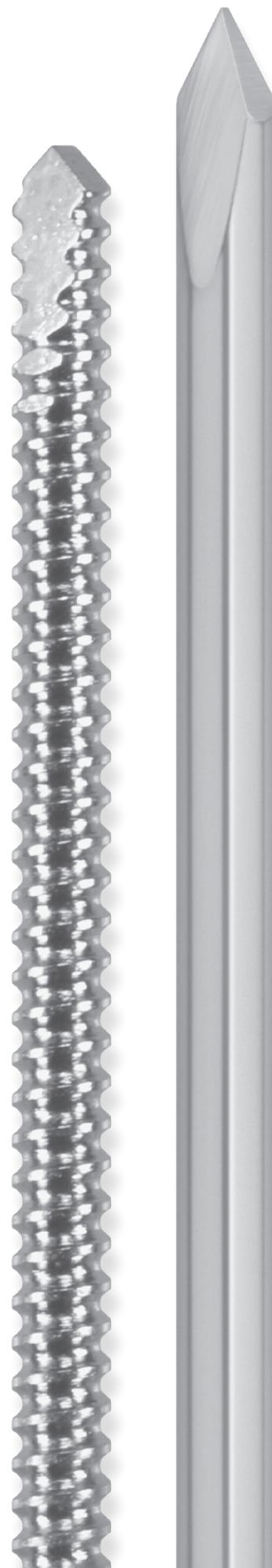
- ▶ Precision Manufactured for Easier Penetration
- ▶ Non-sterile (6/pack) & Sterile (1/pack)*
- ▶ Multiple Point Styles & Sizes

Sterilization Parameters

Steam Sterilization Type	Minimum Temperature
Pre-Vacuum (Wrapped)	270°F (132°C)
Gravity (Wrapped)	270°F (132°C)
Minimum Exposure Time	Minimum Dry Time
4 minutes	30 minutes
15 minutes	30 minutes

- All cycles require a minimum of 30 minutes dry time.
- Observe AAMI and hospital guidelines for steam sterilization and the sterilizer manufacturer's written instructions for cycle parameters and load configurations.

*Some items only available in sterile (1/pack).



BRASSELER USA® K-WIRES

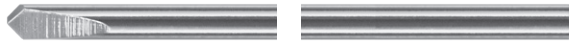
► SMOOTH/PLAIN



1. Single Trocar
3-Sided Point; Point on One End



2. Double Trocar
3-Sided Point; Point on Both Ends



3. Single Diamond
2-Sided Point; Point on One End



4. Double Diamond
2-Sided Point; Point on Both Ends

Point Style	Diameter		Order Number					
			4" Length		6" Length		9" Length	
	mm	in	Non-Sterile (6/pk)	Sterile (1/pk)	Non-Sterile (6/pk)	Sterile (1/pk)	Non-Sterile (6/pk)	Sterile (1/pk)
1.	0.7	.028	KM172-14-28	KM172-14-28S	KM172-16-28	KM172-16-28S	-	-
	0.9	.035	KM172-14-35	KM172-14-35S	KM172-16-35	KM172-16-35S	KM172-19-35	KM172-19-35S
	1.1	.045	KM172-14-45	KM172-14-45S	KM172-16-45	KM172-16-45S	KM172-19-45	KM172-19-45S
	1.4	.054	KM172-14-54	KM172-14-54S	KM172-16-54	KM172-16-54S	KM172-19-54	KM172-19-54S
	1.6	.062	KM172-14-62	KM172-14-62S	KM172-16-62	KM172-16-62S	KM172-19-62	KM172-19-62S
2.	0.7	.028	KM172-24-28	KM172-24-28S	KM172-26-28	KM172-26-28S	KM172-29-28	KM172-29-28S
	0.9	.035	KM172-24-35	KM172-24-35S	KM172-26-35	KM172-26-35S	KM172-29-35	KM172-29-35S
	1.1	.045	KM172-24-45	KM172-24-45S	KM172-26-45	KM172-26-45S	KM172-29-45	KM172-29-45S
	1.4	.054	KM172-24-54	KM172-24-54S	KM172-26-54	KM172-26-54S	KM172-29-54	KM172-29-54S
	1.6	.062	KM172-24-62	KM172-24-62S	KM172-26-62	KM172-26-62S	KM172-29-62	KM172-29-62S
3.	0.7	.028	-	-	KM172-36-28	-	KM172-39-28	-
	0.9	.035	-	-	KM172-36-35	-	KM172-39-35	-
	1.1	.045	-	-	KM172-36-45	-	KM172-39-45	-
	1.4	.054	-	-	-	-	KM172-39-54	-
	1.6	.062	-	-	KM172-36-62	-	KM172-39-62	-
4.	0.7	.028	KM172-44-28	KM172-44-28S	KM172-46-28	KM172-46-28S	KM172-49-28	KM172-49-28S
	0.9	.035	KM172-44-35	KM172-44-35S	KM172-46-35	KM172-46-35S	KM172-49-35	KM172-49-35S
	1.1	.045	KM172-44-45	KM172-44-45S	KM172-46-45	KM172-46-45S	KM172-49-45	KM172-49-45S
	1.4	.054	KM172-44-54	KM172-44-54S	KM172-46-54	KM172-46-54S	KM172-49-54	KM172-49-54S
	1.6	.062	KM172-44-62	KM172-44-62S	KM172-46-62	KM172-46-62S	KM172-49-62	KM172-49-62S

BRASSELER USA® K-WIRES

▶ EXTRA-SHARP · SMOOTH/PLAIN



Extra-Sharp Double Diamond
2-Sided Point; Point on Both Ends

Diameter		Order Number	
		4" Length	6" Length
mm	in	Sterile (1/pk)	Sterile (1/pk)
0.7	.028	KM172-44-28ESS	-
0.9	.035	KM172-44-35ESS	-
1.1	.045	KM172-44-45ESS	KM172-46-45ESS
1.6	.062	KM172-44-62ESS	KM172-46-62ESS

▶ FULLY THREADED



1. Single Trocar
3-Sided Point; Point on One End



2. Double Trocar
3-Sided Point; Point on Both Ends



3. Single Diamond
2-Sided Point; Point on One End



4. Double Diamond
2-Sided Point; Point on Both Ends

Point Style	Diameter		Order Number	
			9" Length	
	mm	in	Non-Sterile (6/pk)	Sterile (1/pk)
1.	0.9	.035	KM173-19-35	KM173-19-35S
	1.1	.045	KM173-19-45	KM173-19-45S
	1.4	.054	-	-
	1.6	.062	KM173-19-62	KM173-19-62S
2.	0.9	.035	KM173-29-35	KM173-29-35S
	1.1	.045	KM173-29-45	KM173-29-45S
	1.4	.054	KM173-29-54	KM173-29-54S
	1.6	.062	KM173-29-62	KM173-29-62S
3.	0.9	.035	KM173-39-35	KM173-39-35S
	1.1	.045	KM173-39-45	KM173-39-45S
	1.4	.054	KM173-39-54	KM173-39-54S
	1.6	.062	KM173-39-62	KM173-39-62S
4.	0.9	.035	KM173-49-35	KM173-49-35S
	1.1	.045	KM173-49-45	KM173-49-45S
	1.4	.054	KM173-49-54	KM173-49-54S
	1.6	.062	KM173-49-62	KM173-49-62S

BRASSELER USA® 12" STEINMANN PIN

Brasseler USA is pleased to offer a 12" Steinmann Pin in our Zimmer® Biomet® Orthopaedic Accessories line—the ZB27-362093. This replacement Steinmann Pin is compatible with the Biomet® Retrograde Femoral Nail System.

The 12" Steinmann Pin is an implantable surgical cylindrical elongated steel pin of heavy gauge with a pointed end used as a guide wire to position and draw fractured bone(s) together to facilitate internal fixation.

► Compatible with Biomet® Retrograde Femoral Nail System

90° angle point



► 12" · SMOOTH/PLAIN



Single Diamond

2-Sided Point; Point on One End

Diameter		Order Number
		12" Length
mm	in	Sterile (1/pk)
0.8	.156	ZB27-362093

BRASSELER USA® STEINMANN PINS

► SMOOTH/PLAIN



1. Single Trocar

3-Sided Point; Point on One End



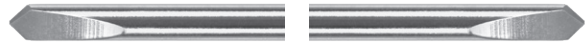
2. Double Trocar

3-Sided Point; Point on Both Ends



3. Single Diamond

2-Sided Point; Point on One End



4. Double Diamond

2-Sided Point; Point on Both Ends

Point Style	Diameter		Order Number	
			9" Length	
	mm	in	Non-Sterile (6/pk)	Sterile (1/pk)
1.	2.0	5/64	KM168-19-56	KM168-19-56S
	2.4	3/32	KM168-19-33	KM168-19-33S
	2.8	7/64	KM168-19-76	KM168-19-76S
	3.2	1/8	KM168-19-18	KM168-19-18S
	3.6	9/64	KM168-19-96	KM168-19-96S
	4.0	5/32	KM168-19-53	KM168-19-53S
	4.8	3/16	KM168-19-31	KM168-19-31S
2.	2.0	5/64	KM168-29-56	KM168-29-56S
	2.4	3/32	KM168-29-33	KM168-29-33S
	2.8	7/64	KM168-29-76	KM168-29-76S
	3.2	1/8	KM168-29-18	KM168-29-18S
	3.6	9/64	KM168-29-96	KM168-29-96S
	4.0	5/32	KM168-29-53	KM168-29-53S
	4.8	3/16	KM168-29-31	KM168-29-31S
3.	2.0	5/64	KM168-39-56	KM168-39-56S
	2.4	3/32	KM168-39-33	KM168-39-33S
	2.8	7/64	KM168-39-76	KM168-39-76S
	3.2	1/8	KM168-39-18	KM168-39-18S
	3.6	9/64	KM168-39-96	KM168-39-96S
	4.0	5/32	KM168-39-53	KM168-39-53S
	4.8	3/16	KM168-39-31	KM168-39-31S
4.	2.0	5/64	KM168-49-56	KM168-49-56S
	2.4	3/32	KM168-49-33	KM168-49-33S
	2.8	7/64	KM168-49-76	KM168-49-76S
	3.2	1/8	KM168-49-18	KM168-49-18S
	3.6	9/64	KM168-49-96	KM168-49-96S
	4.0	5/32	KM168-49-53	KM168-49-53S
	4.8	3/16	KM168-49-31	KM168-49-31S

BRASSELER USA® STEINMANN PINS

► FULLY THREADED



1. Single Trocar

3-Sided Point; Point on One End



2. Double Trocar

3-Sided Point; Point on Both Ends



3. Single Diamond

2-Sided Point; Point on One End



4. Double Diamond

2-Sided Point; Point on Both Ends

Point Style	Diameter		Order Number	
			9" Length	
	mm	in	Non-Sterile (6/pk)	Sterile (1/pk)
1.	2.0	5/64	KM169-19-56	KM169-19-56S
	2.4	3/32	KM169-19-33	KM169-19-33S
	2.8	7/64	KM169-19-76	KM169-19-76S
	3.2	1/8	KM169-19-18	KM169-19-18S
	3.6	9/64	KM169-19-96	KM169-19-96S
	4.0	5/32	KM169-19-53	KM169-19-53S
	4.8	3/16	KM169-19-31	KM169-19-31S
2.	2.0	5/64	KM169-29-56	KM169-29-56S
	2.4	3/32	KM169-29-33	KM169-29-33S
	2.8	7/64	KM169-29-76	KM169-29-76S
	3.2	1/8	KM169-29-18	KM169-29-18S
	3.6	9/64	KM169-29-96	KM169-29-96S
	4.0	5/32	KM169-29-53	KM169-29-53S
	4.8	3/16	KM169-29-31	KM169-29-31S

Point Style	Diameter		Order Number	
			9" Length	
	mm	in	Non-Sterile (6/pk)	Sterile (1/pk)
3.	2.0	5/64	KM169-39-56	KM169-39-56S
	2.4	3/32	KM169-39-33	KM169-39-33S
	2.8	7/64	KM169-39-76	KM169-39-76S
	3.2	1/8	KM169-39-18	KM169-39-18S
	3.6	9/64	KM169-39-96	KM169-39-96S
	4.0	5/32	KM169-39-53	KM169-39-53S
	4.8	3/16	KM169-39-31	KM169-39-31S
4.	2.0	5/64	KM169-49-56	KM169-49-56S
	2.4	3/32	KM169-49-33	KM169-49-33S
	2.8	7/64	KM169-49-76	KM169-49-76S
	3.2	1/8	KM169-49-18	KM169-49-18S
	3.6	9/64	KM169-49-96	KM169-49-96S
	4.0	5/32	KM169-49-53	KM169-49-53S
	4.8	3/16	KM169-49-31	KM169-49-31S

BRASSELER USA® GUIDE WIRE REPLACEMENT

Compatible with DePuy® Synthes® 4.0 Cannulated Screw

Fabricated from 17-4 stainless steel.

Order Number	Product Description	Diameter		Length		Packaging
		in	mm	in	mm	
BR900-722	Threaded Guide Wire with Diamond Point	0.049	1.25	5.9	150.0	1 Pin Per Pack - Non-Sterile
<i>Replaces 900.722</i>						



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