

DATE: _____
 BUYER NAME: _____
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 PURCHASE ORDER: _____



SHIP TO INFORMATION:

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EnduroSharp® Product Order

(Please use this sheet to email or phone your purchase order)

EnduroSharp® Torlon® Scrapper Blade							
DESCRIPTION	PART #	# OF BOXES	UNIT PRICE	EXTENDED PRICE	NATIONAL STOCK NUMBERS	CAGE CODE	
<i>(Shipped 10 parts per box)</i> Box price (1-5 boxes): \$165.00 Box price (6-20 boxes): \$150.00 Box price (21+ boxes): \$140.00	Available Sizes: (Requires Blade Holder)						
	.170" blade tip width	TSB-170		\$	\$	5110-01-675-3792	0J1C6
	.230" blade tip width	TSB-230		\$	\$	5110-01-670-5054	0J1C6
	.500" blade tip width	TSB-500		\$	\$	5110-01-670-5038	0J1C6
	.750" blade tip width	TSB-750		\$	\$	5110-01-675-4473	0J1C6
	1.200" blade tip width	TSB-1200		\$	\$	5110-01-670-5045	0J1C6



EnduroSharp® Torlon® Gap Blade							
DESCRIPTION	PART#	# OF BOXES	UNIT PRICE	EXTENDED PRICE	NATIONAL STOCK NUMBERS	CAGE CODE	
<i>(Shipped 10 parts per box)</i> Box price (1-5 boxes): \$110.00 Box price (6-20 boxes): \$100.00 Box price (21+ boxes): \$94.00	Available Sizes: (Requires Blade Holder and Adaptor TGBA-001)						
	.075" blade width x .075" cutting depth	TGB-75-75		\$	\$	N/A	0J1C6
	.075" blade width x .160" cutting depth	TGB-75-16		\$	\$	N/A	0J1C6
	.075" blade width x .250" cutting depth	TGB-75-25		\$	\$	N/A	0J1C6
	.100" blade width x .075" cutting depth	TGB-10-75		\$	\$	N/A	0J1C6
	.100" blade width x .160" cutting depth	TGB-10-16		\$	\$	N/A	0J1C6
	.100" blade width x .250" cutting depth	TGB-10-25		\$	\$	N/A	0J1C6
	.125" blade width x .075" cutting depth	TGB-12-75		\$	\$	5110-01-670-1716	0J1C6
	.125" blade width x .160" cutting depth	TGB-12-16		\$	\$	5110-01-675-5525	0J1C6
	.125" blade width x .250" cutting depth	TGB-12-25		\$	\$	N/A	0J1C6
	.170" blade width x .075" cutting depth	TGB-17-75		\$	\$	5110-01-670-5032	0J1C6
	.170" blade width x .160" cutting depth	TGB-17-16		\$	\$	5110-01-675-4468	0J1C6
	.170" blade width x .250" cutting depth	TGB-17-25		\$	\$	5110-01-670-5030	0J1C6
	.230" blade width x .075" cutting depth	TGB-23-75		\$	\$	5110-01-670-5032	0J1C6
	.230" blade width x .160" cutting depth	TGB-23-16		\$	\$	5110-01-675-4468	0J1C6
	.230" blade width x .250" cutting depth	TGB-23-25		\$	\$	5110-01-670-5030	0J1C6




EnduroSharp® Gap Filler Removal Disc (Oscillating)							
DESCRIPTION	PART #	# OF BOXES	UNIT PRICE	EXTENDED PRICE	NATIONAL STOCK NUMBERS	CAGE CODE	
<i>Shipped 4 parts per box (any combination)</i> Box price (1-5 boxes): \$160.00 Box price (6-20 boxes): \$148.00	Available Configurations:						
	Circle Disc (Angled Teeth) x 0.055"	GFRD-25FDA55		\$	\$	5130-01-675-5524	0J1C6
	Circle Disc (Straight Teeth) x 0.055"	GFRD-25FDS55		\$	\$	N/A	N/A
	Semi Circle Disc (Angled Teeth) x 0.055"	GFRD-25HDA55		\$	\$	5130-01-675-3827	0J1C6
	Semi Circle Disc (Straight Teeth)	GFRD-25HDS55		\$	\$	N/A	N/A
	Radiused Tip Plunge Cut Blade (Straight Teeth) 1.700 x 0.055"	GFRD-2517R55		\$	\$	N/A	0J1C6
	Radiused Tip Plunge Cut Blade (Straight Teeth) .850 x 0.055"	GFRD-2585R55		\$	\$	5130-01-671-8316	0J1C6
	Flat Tip Plunge Cut Blade (Straight Teeth) 1.700 x 0.055"	GFRD-2517S55		\$	\$	N/A	N/A
Flat Tip Plunge Cut Blade (Straight Teeth) 0.850 x 0.055"	GFRD-2585S55		\$	\$	N/A	N/A	




EnduroSharp® Product Order Sheet




EnduroSharp® Torlon® Adhesive Cutters for Mandrels (ABNIR Kit Layer 1) Drill Motor and Ratcheting T Handle (ABNIR Kit Layer 3)

DESCRIPTION	PART #	# OF BOXES	UNIT PRICE	EXTENDED PRICE	
(Shipped 10 parts per box) Box price (1-5 boxes): \$160.00 Box price (6-20 boxes): \$148.00 Box price (21+ boxes): \$128.00 	Available Sizes:				
	0.750" Diameter Torlon® Adhesive Cutter (Mandrel Mounted) 8-32 Thread Pitch	TACS-C-1		\$	\$
	1.00" Diameter Torlon® Adhesive Cutter (Mandrel Mounted) 10-32 Thread Pitch	TACS-C-2		\$	\$
	1.00" Diameter Torlon® Adhesive Cutter (Mandrel Mounted) 8-32 Thread Pitch	TACS-C-3		\$	\$
	1.30" Diameter Torlon® Adhesive Cutter (Andrews Tool) 10-32 Thread Pitch	TACS-C-4		\$	\$


EnduroSharp® Torlon® Adhesive Cutters for Surface Prep (Andrews) Tool (ABNIR Kit, Layer 2)

DESCRIPTION	PART #	# OF BOXES	UNIT PRICE	EXTENDED PRICE	
(Shipped 10 parts per box) Box Price (1-5 boxes): \$160.00 Box Price (6-20 boxes): \$148.00 Box Price (21+ boxes): \$128.00 	Available Sizes:				
	0.750" Diameter Torlon® Adhesive Cutter (Andrews Tool) 10-32 Thread Pitch	TACA-C-1		\$	\$
	1.00" Diameter Torlon® Adhesive Cutter (Andrews Tool) 10-32 Thread Pitch	TACA-C-2		\$	\$


EnduroSharp® Torlon® Adhesive Reamer Blade

DESCRIPTION	PART #	# OF BOXES	UNIT PRICE	EXTENDED PRICE	
(Shipped 10 parts per box) Box price (1-5 boxes): \$220.00 Box price (6-20 boxes): \$204.00 Box price (21+ boxes): \$176.00 	Available Sizes:				
	0.190" Diameter, Straight Fluted, 1/4 Inch Hex Drive	TAR-190		\$	\$
	0.2155" Diameter, Straight Fluted, 1/4 Inch Hex Drive	TAR-2155		\$	\$
	0.250" Diameter, Straight Fluted, 1/4 Inch Hex Drive	TAR-250		\$	\$
	0.2755" Diameter, Straight Fluted, 1/4 Inch Hex Drive	TAR-2755		\$	\$
	0.313" Diameter, Straight Fluted, 1/4 Inch Hex Drive	TAR-313		\$	\$
	0.3375" Diameter, Straight Fluted, 1/4 Inch Hex Drive	TAR-3375		\$	\$
	0.3615" Diameter, Straight Fluted, 1/4 Inch Hex Drive	TAR-3615		\$	\$
	0.375" Diameter, Straight Fluted, 1/4 Inch Hex Drive	TAR-375		\$	\$
	0.4005" Diameter, Straight Fluted, 1/4 Inch Hex Drive	TAR-4005		\$	\$

Gap Filler Removal Bit's (Max RPM-6000)

DESCRIPTION	PART #	# OF BOXES	UNIT PRICE	EXTENDED PRICE	NATIONAL STOCK NUMBERS	CAGE CODE
(Shipped 10 parts per box) Box price (1-5 boxes): \$62.50 Box price (6-20 boxes): \$56.50 Box price (21+ boxes): Call for pricing 	Configuration Available:					
	Spiral Single Fluted, 1.70" X 0.162"	GFRB-T5030-SF-162		\$	\$	5133-01-641-1062


EnduroSharp Mandrel, Standard

DESCRIPTION	PART #	# OF UNITS	UNIT PRICE	EXTENDED PRICE	
	Configuration Available:				
	Unit Price				
	\$229.66	0.189" Mandrel (Standard) 8-32 Thread Pitch	STAC-M-3	\$	\$
	\$229.66	0.249" Mandrel (Standard) 10-32 Thread Pitch	STAC-M-4	\$	\$
	\$272.12	0.312" Mandrel (Standard) 10-32 Thread Pitch	STAC-M-5	\$	\$
	\$272.12	0.374" Mandrel (Standard) 10-32 Thread Pitch	STAC-M-6	\$	\$


EnduroSharp® Product Order Sheet




EnduroSharp Mandrel, Segmented

DESCRIPTION	PART #	# OF UNITS	UNIT PRICE	EXTENDED PRICE
 <p>Unit Price: \$411.84</p> <p>Configuration Available:</p> <p>0.189" Mandrel (Segmented & Tetherable) 8-32 Thread Pitch (4 pieces)</p>	TTAC-M-3		\$	\$
<p>0.249" Mandrel (Segmented & Tetherable) 10-32 Thread Pitch (4 pieces)</p>	TTAC-M-4		\$	\$
<p>0.312" Mandrel (Segmented & Tetherable) 10-32 Thread Pitch (4 pieces)</p>	TTAC-M-5		\$	\$
<p>0.374" Mandrel (Segmented & Tetherable) 10-32 Thread Pitch (4 pieces)</p>	TTAC-M-6		\$	\$


EnduroSharp® Locating Button

DESCRIPTION	PART #	# OF UNITS	UNIT PRICE	EXTENDED PRICE
 <p>Unit Price: \$124.82</p> <p>Configuration Available:</p> <p>0.191" Diameter Pilot Standard Locating Button</p>	ATC00254D-191		\$	\$
<p>0.250" Diameter Pilot Standard Locating Button</p>	ATC00254D-250		\$	\$
<p>0.312" Diameter Pilot Standard Locating Button</p>	ATC00254D-312		\$	\$
<p>0.375" Diameter Pilot Standard Locating Button</p>	ATC00254D-375		\$	\$

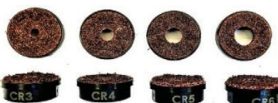
EnduroSharp® Quick Change Bushing

DESCRIPTION	PART #	# OF UNITS	UNIT PRICE	EXTENDED PRICE
 <p>Unit Price: \$354.90</p> <p>Configuration Available:</p> <p>Quick Change Bushing - Small (Fits 3/4" Dia Abrasive)</p>	ATC00483		\$	\$
<p>Quick Change Bushing - Large (Fits 1" Dia Abrasive)</p>	ATC00484		\$	\$

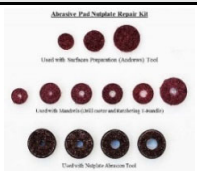
EnduroSharp® Swivel Assembly

DESCRIPTION	PART #	# OF UNITS	UNIT PRICE	EXTENDED PRICE
 <p>Unit Price: \$382.27</p> <p>Configuration Available:</p> <p>Swivel Assembly (8 - 32 Thread Pitch)</p>	TACS-S-1		\$	\$
<p>Swivel Assembly (10 - 32 Thread Pitch)</p>	TACS-S-2		\$	\$


EnduroSharp® NAT Abrasion Pads

DESCRIPTION	PART #	# OF UNITS	UNIT PRICE	EXTENDED PRICE
 <p>Box Price: \$124.22 (Shipped 50 units per box)</p> <p>Configuration Available:</p> <p>1.3" x 0.26" Abrasive Pad</p>	NAT-AP-CR3		\$	\$
<p>1.3" x 0.35" Abrasive Pad</p>	NAT-AP-CR4		\$	\$
<p>1.3" x 0.50" Abrasive Pad</p>	NAT-AP-CR5		\$	\$
<p>1.3" x 0.58" Abrasive Pad</p>	NAT-AP-CR6		\$	\$

EnduroSharp® Abrasive Pad Refills for NAT Nutplate Repair Kit

DESCRIPTION	PART #	# OF UNITS	UNIT PRICE	EXTENDED PRICE
 <p>Unit Price: \$765.00</p> <p>Configuration Available:</p> <p>Nutplate Abrasive Kit (All ABNIR Abrasive Pads Included) 50 EA</p>	NRK-AP		\$	\$

EnduroSharp® Abrasive Pads for Surface Prep (Andrews Tool) (ABNIR Surface Prep Kit, Layer 2)

DESCRIPTION	PART #	# OF UNITS	UNIT PRICE	EXTENDED PRICE
 <p>Box Price: \$22.00 (Shipped 50 units per box)</p> <p>Configuration Available:</p> <p>0.75" w/TR Abrasive Pads (Andrews Tool - Norton)</p>	ESCKA-AP-075		\$	\$
<p>1.00" w/TR Abrasive Pads (Andrews Tool - Norton VTME) Size 3 (Over Sized), Size 4, Size 5, Size 6 Nutplates</p>	ESCKA-AP-100		\$	\$
<p>1.30" w/TR Abrasive Pads (Andrews Tool - Norton VTME) Size 6 Dome Style Nutplate (Over Sized)</p>	ESCKA-AP-130		\$	\$

EnduroSharp® Product Order Sheet



EnduroSharp® Abrasive Pads for Mandrels (ABNIR Kit, Layer 1), Drill Motor and Ratcheting T-Handle (ABNIR Surface Prep Kit, Layer

DESCRIPTION	PART #	# OF UNITS	UNIT PRICE	EXTENDED PRICE	
<p>Box Price: \$ 124.22 (Shipped 50 units per box)</p>	Configuration Available:				
	0.75" x 0.200" 8-32 Thread Abrasive Pads (Mandred Mounted - Norton VTME) Size 3 Nutplate	ESCKD-AP-CR3		\$	\$
	1.00" x 0.200" 8-32 Thread Abrasive Pads (Mandred Mounted - Norton VTME) Size 3 Nutplate (Over Sized)	ESCKD-AP-CR3OS		\$	\$
	1.00" x 0.260" 10-32 Thread Abrasive Pads (Mandred Mounted - Norton VTME) Size 4 Nutplate	ESCKD-AP-CR4		\$	\$
	1.00" x 0.330" 10-32 Thread Abrasive Pads (Mandred Mounted - Norton VTME) Size 5 Nutplate	ESCKD-AP-CR5		\$	\$
	1.00" x 0.380" 10-32 Thread Abrasive Pads (Mandred Mounted - Norton VTME) Size 6 Open Style Nutplate	ESCKD-AP-CR6		\$	\$
	1.00" x 0.380" 10-32 Thread Abrasive Pads (Mandred Mounted - Norton VTME) Size 6 Dome Style Nutplate	ESCKD-AP-CR6OS		\$	\$

EnduroSharp® Bottle Brush (used to clean fastener hole on aircraft prior to bonding)

DESCRIPTION	PART #	# OF UNITS	UNIT PRICE	EXTENDED PRICE
<p>Unit Price: \$3.00 (Shipped 10 per box)</p>	Configuration Available:			
	1/4" Diameter Helical Nylon Tube (Bottle) Brush Single Spiral 0.01" Filament Diameter, 2" Brush Length , 6 1/4" OAL, 3/32" Diameter Shank (Used to clean fastener hole on aircraft abrasive structure prior to	ESCKB - CR3		\$
1/2" Diameter Helical Nylon Tube (Bottle) Brush Single Spiral 0.01" Filament Diameter, 3" Brush Length ,8 1/2" OAL, 1/8" Diameter Shank (Used to clean fastener hole on aircraft abrasive structure prior to	ESCKB-CR5		\$	\$

EnduroSharp® C-130 Abrasion Pads

DESCRIPTION	PART #	# OF UNITS	UNIT PRICE	EXTENDED PRICE	
<p>Right Handed and Left Handed Abrasive Pads are Shipped 10 units per box. Kits are Shipped 2 per box (1 RH & 1 LH) Right and Left Handed Box Price: \$80.15 Kit Box Price: \$32.06</p>	Configuration Available:				
	BLK STK 3/16" X 3.10" Abrasive Pad - Right Handed	ESC130-AP-RH		\$	\$
	BLK STK 3/16" X 3.10" Abrasive Pad - Left Handed	ESC130-AP-LH		\$	\$
	BLK STK 3/16" X 3.10" Abrasive Pad - Kit	ESC130-AP-KT		\$	\$

EnduroSharp® Abrasive Mixing Tip

DESCRIPTION	PART #	# OF UNITS	UNIT PRICE	EXTENDED PRICE
<p>Unit Price: \$1.50 (Shipped 10 per box)</p>	Configuration Available:			
	Abrasive Mixing Tip with Red Difuser	ESCKC		\$

EnduroSharp® Tooling & Kits

DESCRIPTION	PART #	# OF BOXES	UNIT PRICE	EXTENDED PRICE
<p>EnduroSharp® Standard Scraper Blade Holder Unit price (1-5 parts): \$55.25 Unit price (6+ parts): \$53.00</p>	ESH003		\$	\$
	<p>EnduroSharp® "Pocket" Scraper Blade Holder Unit price: \$24.00</p>	ESSBH002		\$

EnduroSharp® Product Order Sheet



EnduroSharp® Pneumatic Tool for Scraper Blades		PART #	# OF BOXES	UNIT PRICE	EXTENDED PRICE
Unit price (1-5 parts): \$712.00 Unit price (6+ parts): \$671.00		ESPT001		\$	\$
EnduroSharp® Holder Adapter for Gap Blades Unit price (1-5 parts): \$35.00 Unit price (6+ parts): \$31.00		TGBA-001		\$	\$
EnduroSharp® Scraper Blade Sharpener Unit price (1-5 parts): \$148.00 Unit price (6+ parts) : \$145.00		ESSBS001		\$	\$
Deluxe EnduroSharp® Gap Blade & Holder Kit w/ Pneumatic Tool Unit price (1-5 parts) \$968.00 Unit price (6+ parts): \$858.00		DEG007		\$	\$
Deluxe EnduroSharp® Scraper Blade & Holder Kit w/ Pneumatic Tool Unit price (1-5 parts) : \$935.00 Unit price (6+ parts): \$888.00		DES004		\$	\$
EnduroSharp® Gap Blade & Holder Kit Unit price (1-5 parts): \$262.00 Unit price (6+ parts): \$247.00		ESGHK006		\$	\$
EnduroSharp® Scraper Blade & Holder Kit Unit Price (1-5 parts) \$282.00 Unit Price (1-5 parts) \$267.00		ESSHK005		\$	\$
EnduroSharp® Surface Prep Kit Call for pricing		ESNSP001		\$	\$
EnduroSharp® ABNIR , "Fly Away" Compact Surface Prep Kit Call for Pricing		ESNSP-FA-002		\$	\$
C-130 Prop Hub Adhesive Removal Kit Unit price: \$17,670.77		ESC130001		\$	\$
EnduroSharp® Nutplate Abrasion Tool "NAT" Kit Call for Pricing		ESNAT-1		\$	\$

EnduroSharp® Product Order Sheet



EnduroSharp® Mandrel (Drill Mounted) Torlon® Adhesive Cutter (TAC) Kit Unit price: \$3,666.70		ESCKD008		\$	\$
EnduroSharp® Andrews Tool Torlon® Adhesive Cutter (TAC) Kit Unit price: \$2,044.32		ESCKA009		\$	\$
EnduroSharp® Ratcheted T-Handle Unit price: \$895.52		ESRTH001		\$	\$
Multi Wrench Unit Price: \$53.65		TACW-W-1		\$	\$
Alignment and Spindle Lock Tool Unit Price: \$374.40		ATC00531		\$	\$
EnduroSharp® Torlon® Adhesive Cutter Adapter Unit price: \$374.40		ATAC-A-1		\$	\$
a) Subtotal (all rows)					\$
b) U.S.A. military installation discount* (6% of line "a" above)					\$
TOTAL: (line "a" minus line "b")					\$

* PPL offers an additional 6% discount directly to and only to United States Military installations that pay with a government-issued military credit card.

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Although the EnduroSharp™ Torlon® Scraper Blade tools ("TSB") and EnduroSharp® Torlon® Gap Blade tools ("TGB") have been designed to simplify and expedite the removal of materials,

their applicability and effectiveness will vary based upon a variety of factors, including the nature of the materials being removed, the underlying substrate, the substructural components, applied pressure, etc. IT IS STRONGLY RECOMMENDED THAT AN INITIAL TEST BE DONE USING TSB AND/ OR TGB ON A NON-CRITICAL AREA, AND THAT PROPER SAFETY EQUIPMENT AND OTHER PRECAUTIONS BE USED IN CONNECTION WITH THE USE OF TSB AND/OR TGB. PPL DISCLAIMS ANY LIABILITY IN CONNECTION WITH THE USE OF TSB AND/OR TGB, AND THE ULTIMATE USER SHALL BE SOLELY RESPONSIBLE FOR ANY PROPERTY DAMAGE OR PERSONAL INJURY RESULTING

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EXPORT CONTROLLED ITEM: The EnduroSharp® "Pocket" Scraper Blade Holder is classified under the US Export Administration Regulations (EAR) as ECCN (A617). In accordance with the EAR regulations, the Buyer shall obtain government export authorization, prior to exporting the