



award-winning cutting tools

why SliceTM ceramics?

eliminating dangerous metal blades

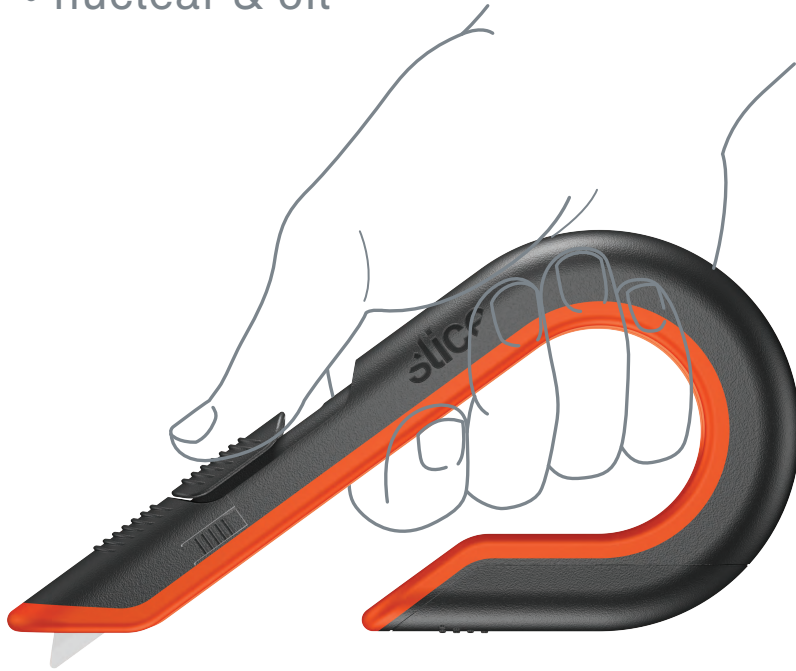
more than half the Fortune 1000 use Slice™ ceramics



endless applications

used in 100's of industries

- automotive
- clean room
- pulp & paper
- electrical
- nuclear & oil
- military & police
- bomb squads
- mining
- aerospace



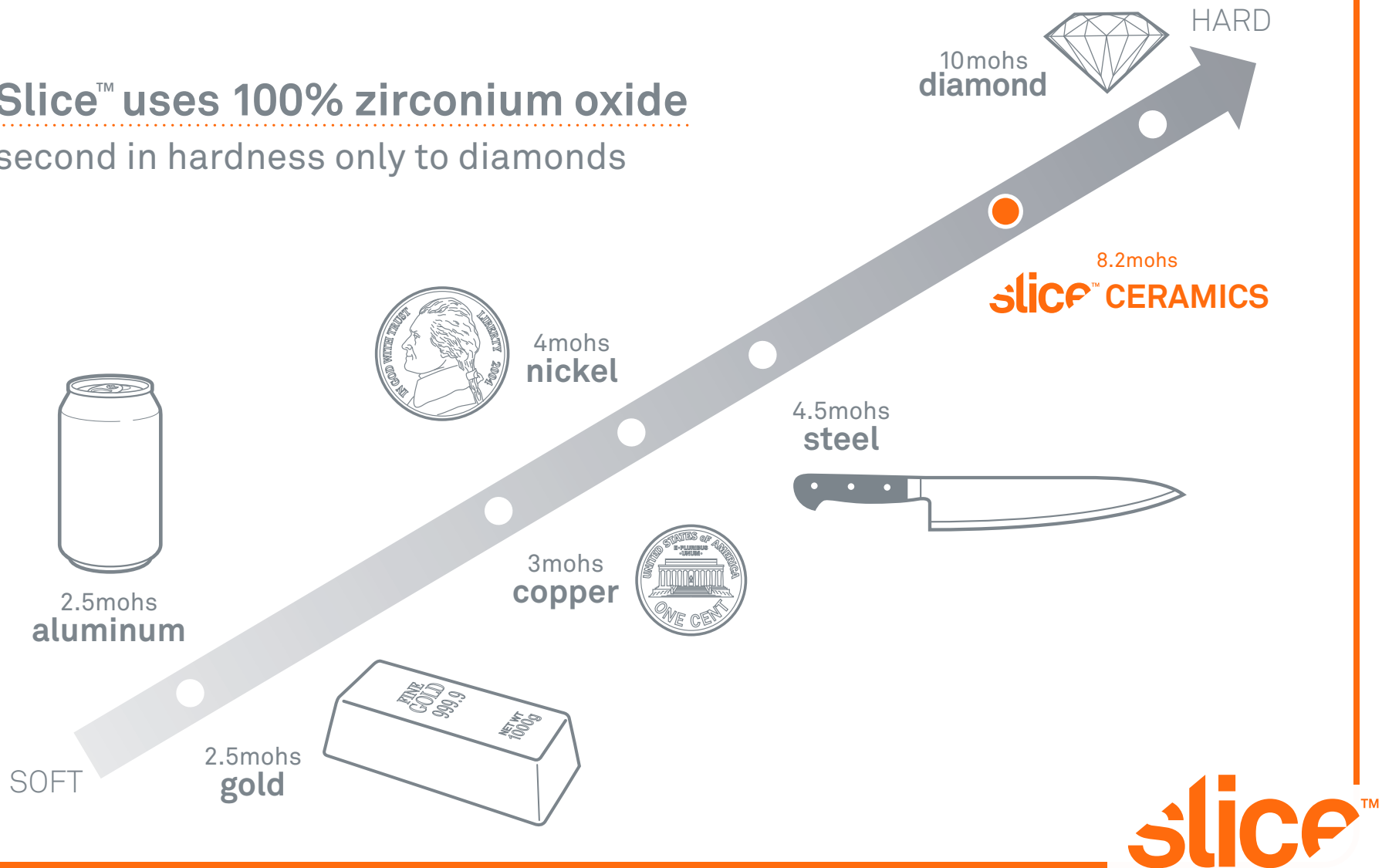
used in 1000's of applications

- cuts corrugated cardboard
- shrink wrapping, labels & soft plastics
- removes flash from plastic
- laboratory & forensic applications
- works for shimming
- paper converters & slabbing
- aids in delicate lab testing
- high-wear, high-rust & combustible environments

slice™

only diamonds are harder than Slice™

Slice™ uses 100% zirconium oxide
second in hardness only to diamonds



Slice™ ceramics



safer than
metal blades™



up to 10x longer
lasting than steel



never rusts



chemically
inert



maintenance
free



safe up to
1600°C



no sharps box
needed



non-sparking



non-conductive



non-magnetic

slice™

blade longevity

Slice™ 10404 blades vs. leading heavy duty metal utility blades¹
independent CATRA (Cutlery and Allied Trades Research Association) test

stainless steel blade	# of cuts until dull
blade 1	131.5
blade 2	135.5
blade 3	132.2
blade 4	133.4
blade 5	133.4
blade 6	185.6
AVERAGE	141

on average Slice™ ceramics
last **11.2x** longer
vs. leading brand-name stainless steel

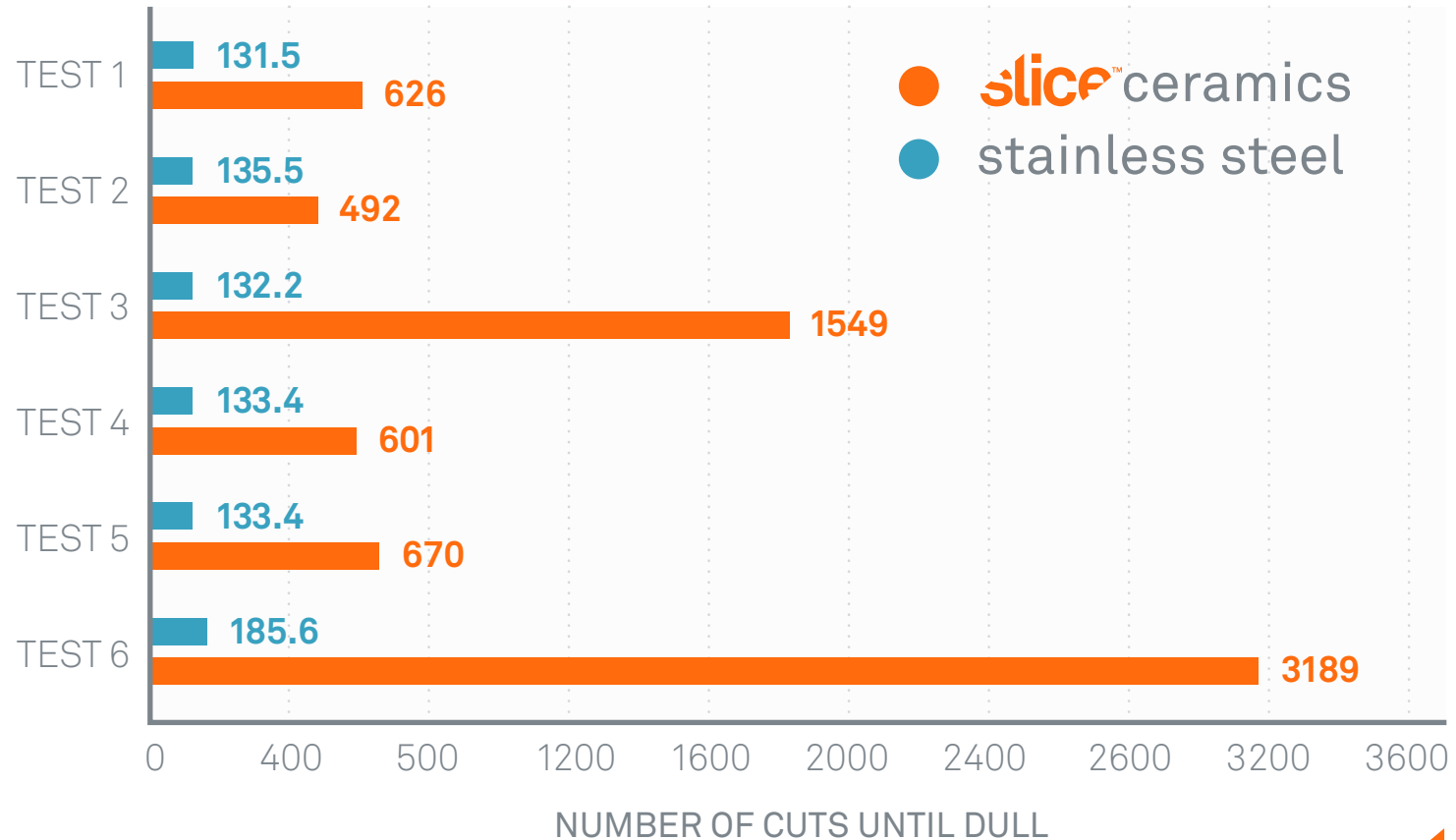
slice™	# of cuts until dull
blade 12	626
blade 11	492
blade 10	1849
blade 9	601
blade 8	670
blade 7	3189
SLICE™ AVERAGE	1237

SLICE™ LASTS UP TO
30x LONGER!

slice™

blade longevity

Slice™ 10404 blades vs. leading heavy duty metal utility blades¹
independent CATRA (Cutlery and Allied Trades Research Association) test

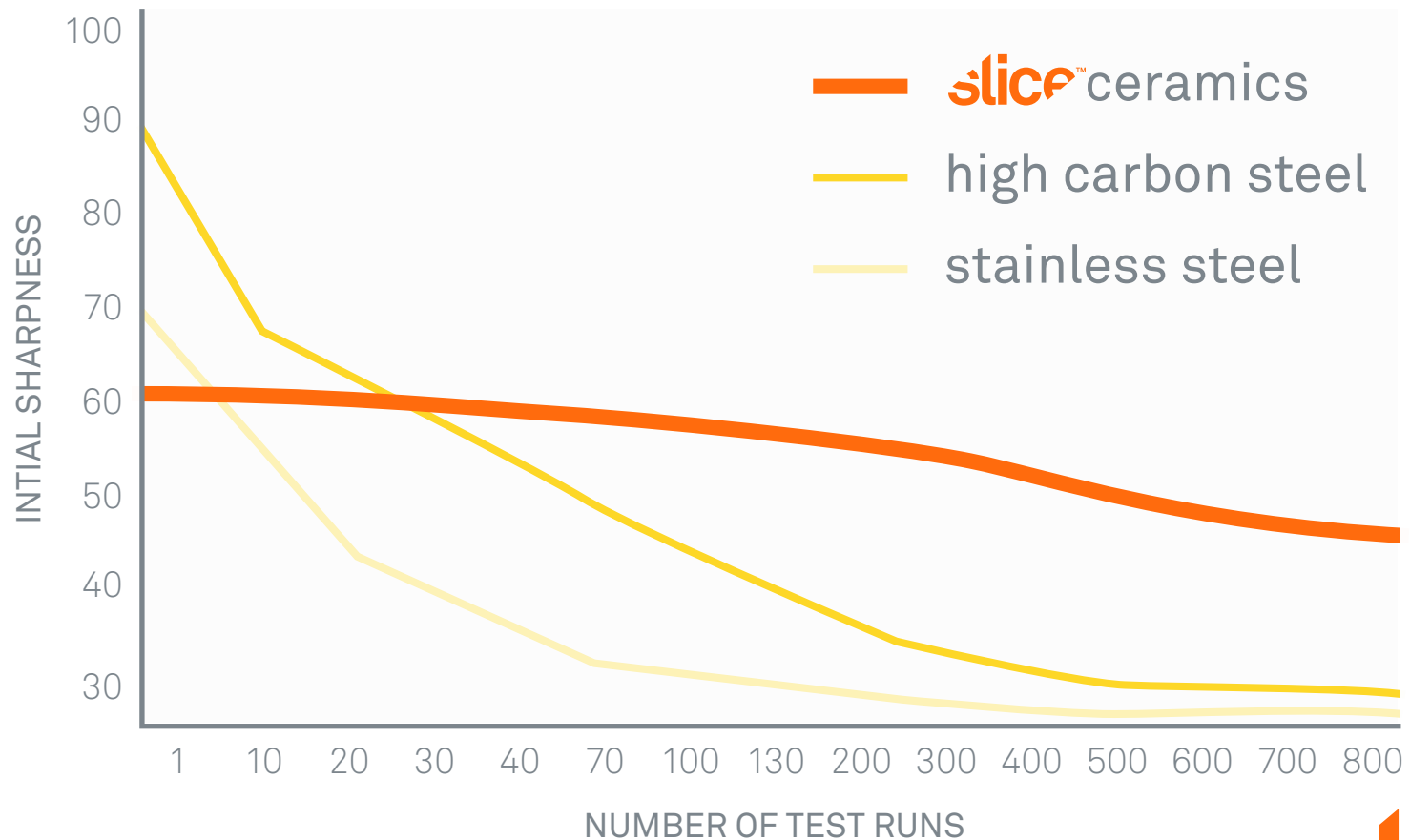


slice™

Slice™ ceramics outlasts steel

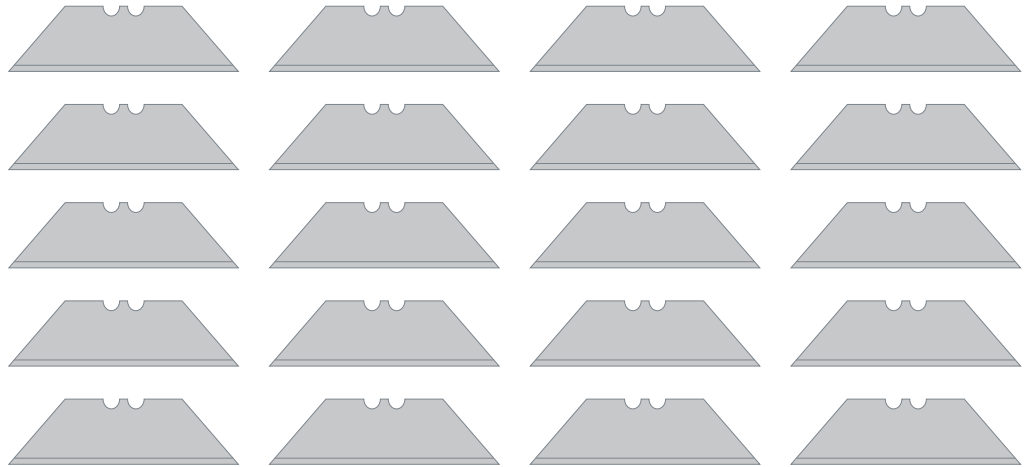
metal blades start sharper than necessary and dull quickly

Slice™ ceramics have safer initial sharpness and last much longer before dulling



slice™

Slice™ cuts costs



up to 20 metal blades



“We have not had to replace any blades yet
and some knives have been in use every day
for three months already.”

VOITH Ford manufacturing plant in Windsor, Ontario

slice™

injuries are costly

over 1,000,000
U.S. hospital visits per year
are due to hand injuries¹



average laceration injury
costs your company³:

\$33,000



MEDICAL COSTS

INSURANCE
DEDUCTIBLES

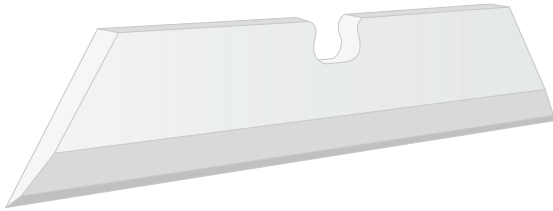
LOST PRODUCTION

why not prevent injuries in the first place?

sliceTM

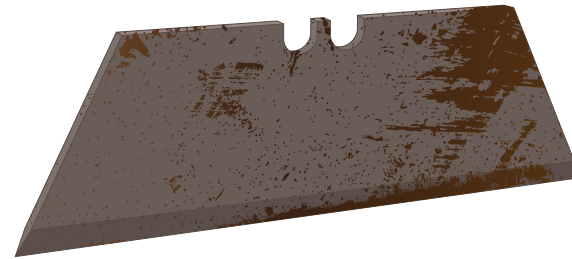
the unsharp blade™

switch to a safer, cleaner, stronger ceramic blade



Slice™ ceramic technology

- no oil coatings / autoclave friendly
- made from 100% zirconium oxide
- non-corrosive, non-conductive, non-sparking & chemically inert
- heat-resistant up to 1600°C
- patented thicker design easier to hold and handle
- 1.5mm thick vs. 0.6mm standard metal
- stays sharp up to 10x longer vs. steel
- fewer blade changes
- a safer cutting experience



conventional metal blades

- dull & rust quickly
- dull blades require excessive force
- dangerous and uncontrolled cutting
- results in millions of hospital visits a year
- constant blade changes
- non-sterile oil coating

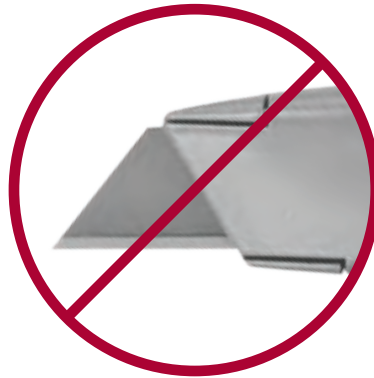
slice™

less blade = fewer injuries

95% of all products in the US
are shipped in corrugated boxes

98% of all corrugated is
double-walled or single walled

using more blade
than necessary
leads to injuries and
damaged merchandise



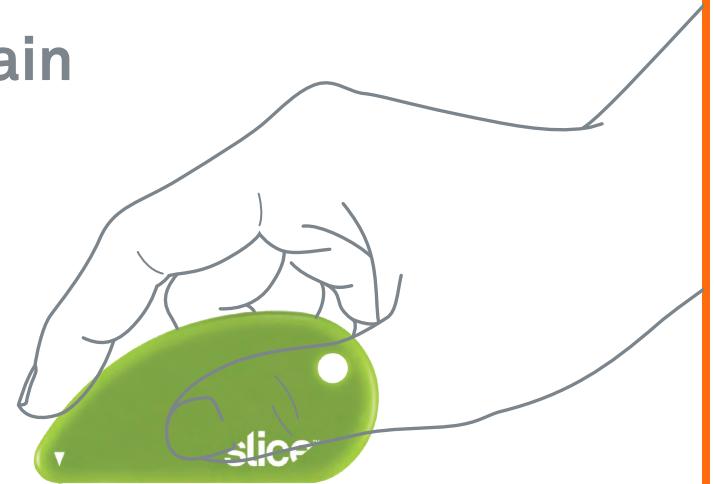
sliceTM

Slice™ reduces costs & lowers injuries

- ✓ fewer blade replacements = lower materials cost
- ✓ safer cutting angle = reduced risk of injuries
- ✓ ergonomic handles = less strain

“The best part about the Safety Cutter is that we have eliminated the chance of laceration injuries during these tasks!”

Phil Hiser, Next Generation Films



slice™

patented Slice™ ceramic blades

Slice™ ceramic blades are safer vs. metal blades and less likely to cut skin during regular handling

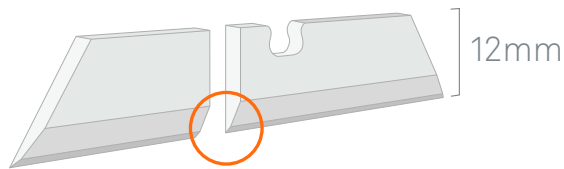


Why?
3 reasons...

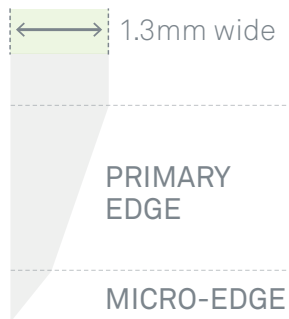
1 difference in blade thickness

metal cuts skin **easily** while Slice™ ceramic blades require **much more piercing force** before they will cut skin

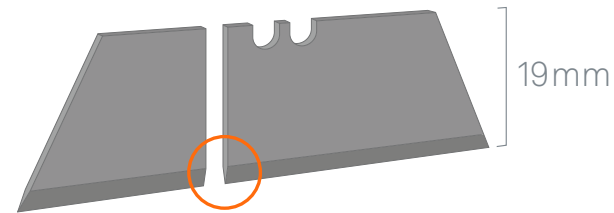
slice™



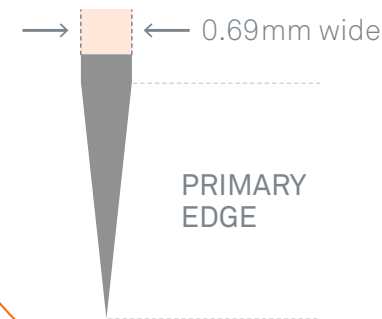
CROSS SECTION OF BLADE



METAL



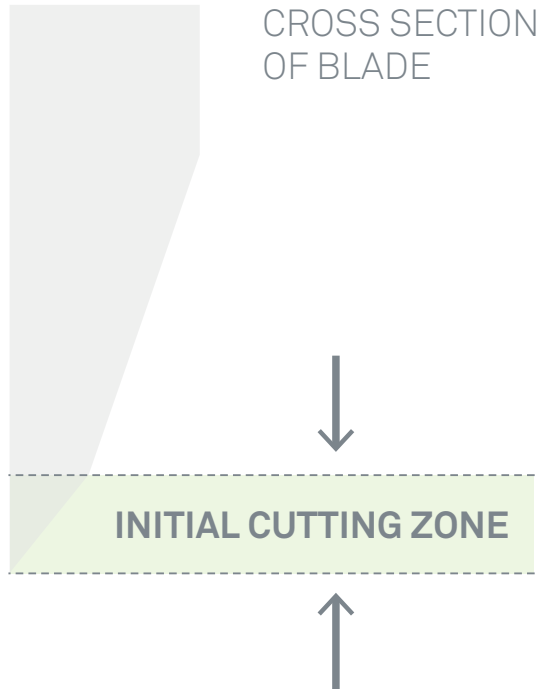
CROSS SECTION OF BLADE



slice™

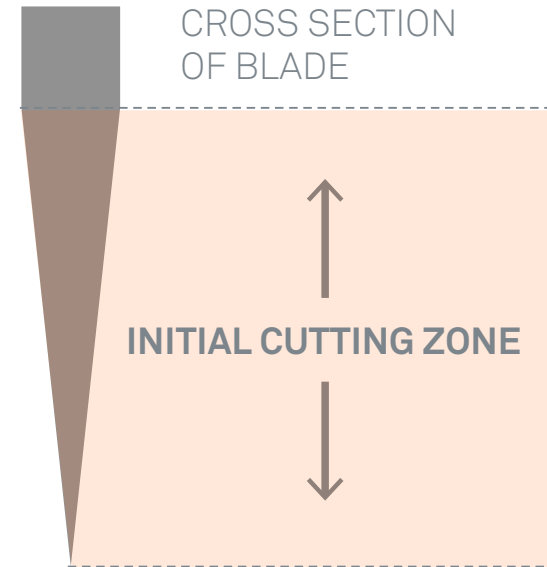
② length of cutting zone

slice™



cutting zone and sharpened angle are **shorter and wider** vs metal yet **sharp enough** for general cutting

METAL

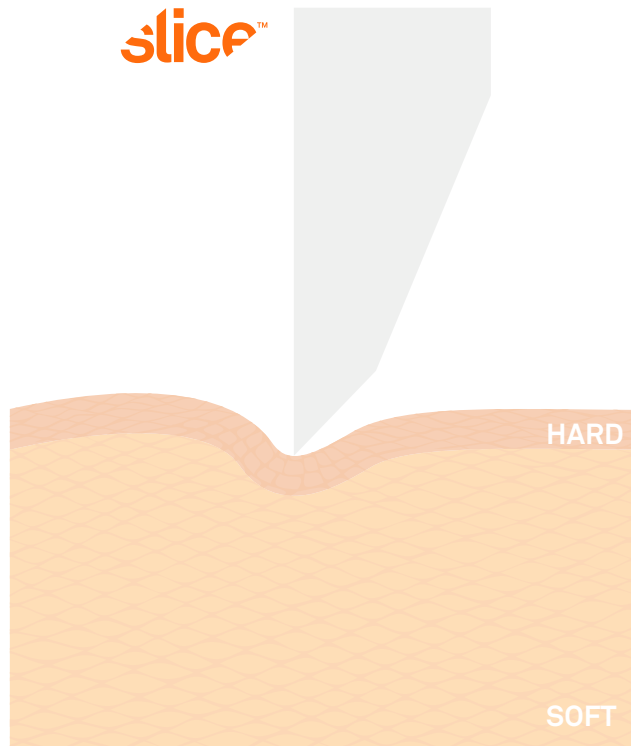


cutting zone and sharpened angle are **longer, sharper and much thinner** vs Slice™ ceramics, making user **much more vulnerable** to exposed edge

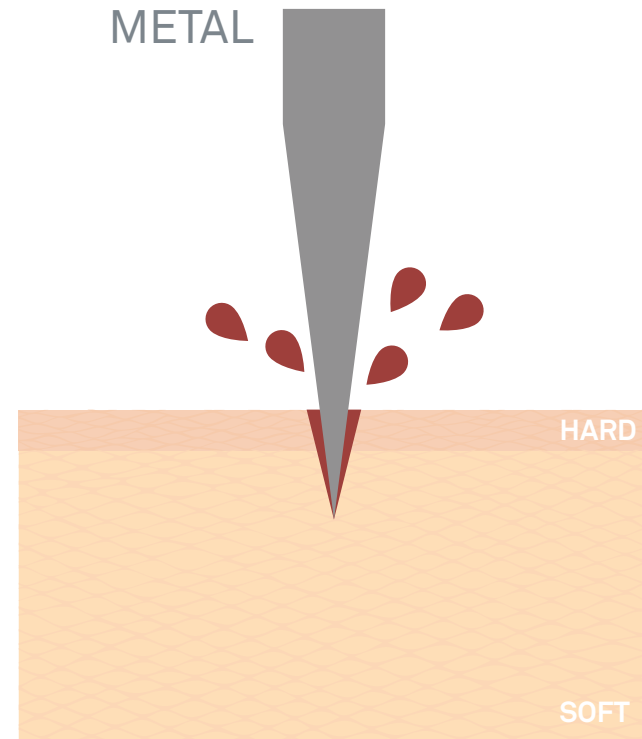
slice™

③ composition of the material you're cutting

skin is hard on the outside and soft on the inside



much higher force required to penetrate tougher fleshy layers



very little force required to penetrate fleshy layers

slice™

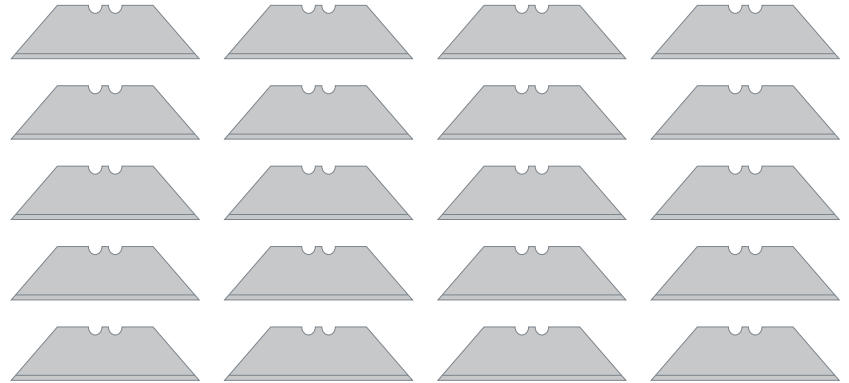
features & benefits of Slice™

up to
10x
longer lasting
vs. steel™



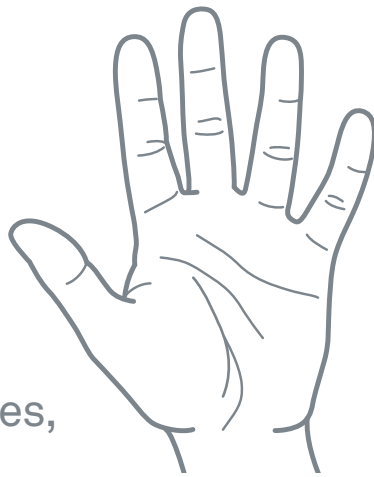
=

one slice™ blade
is equivalent to
20 metal blades



✓
**safer than
metal
blades**™

fewer blade changes,
fewer injuries



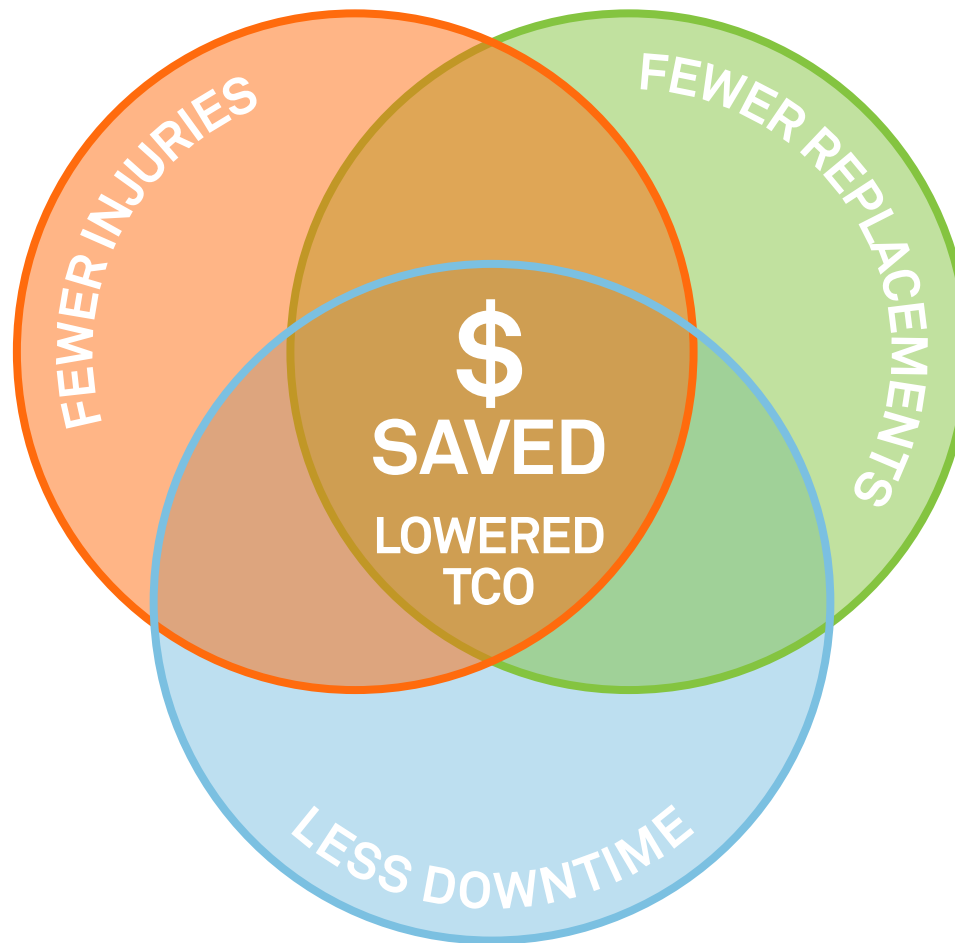
**no
sharps
disposal**



slice™

TCO – total cost of ownership

Slice™ helps your TCO initiatives



welcome to the family



mini cutter #10514



pen cutter auto-retract #10512 / manual #10513



precision cutter #00116



box cutter auto-retract #10503 / manual #10400



craft cutter #10548



smarty cutters manual #10550 / auto-retract #10554 /
smart-retract #10558



safety cutter #00200

slice™

manual utility cutter #10550



ambidextrous



easy, no-tool
blade change



durable
GFN* handle
*Glass Filled Nylon

lanyard hole

includes one
#10526 blade



5 position
manual slider



longer blade
for thicker cuts

slice™

auto-retract utility cutter #10554



slice™

smart-retract utility cutter #10558



ambidextrous



easy, no-tool
blade change



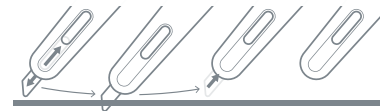
durable
GFN* handle
*Glass Filled Nylon

lanyard hole

includes one
#10526 blade



ergo-pull™ slider
smart-retracts
for safety

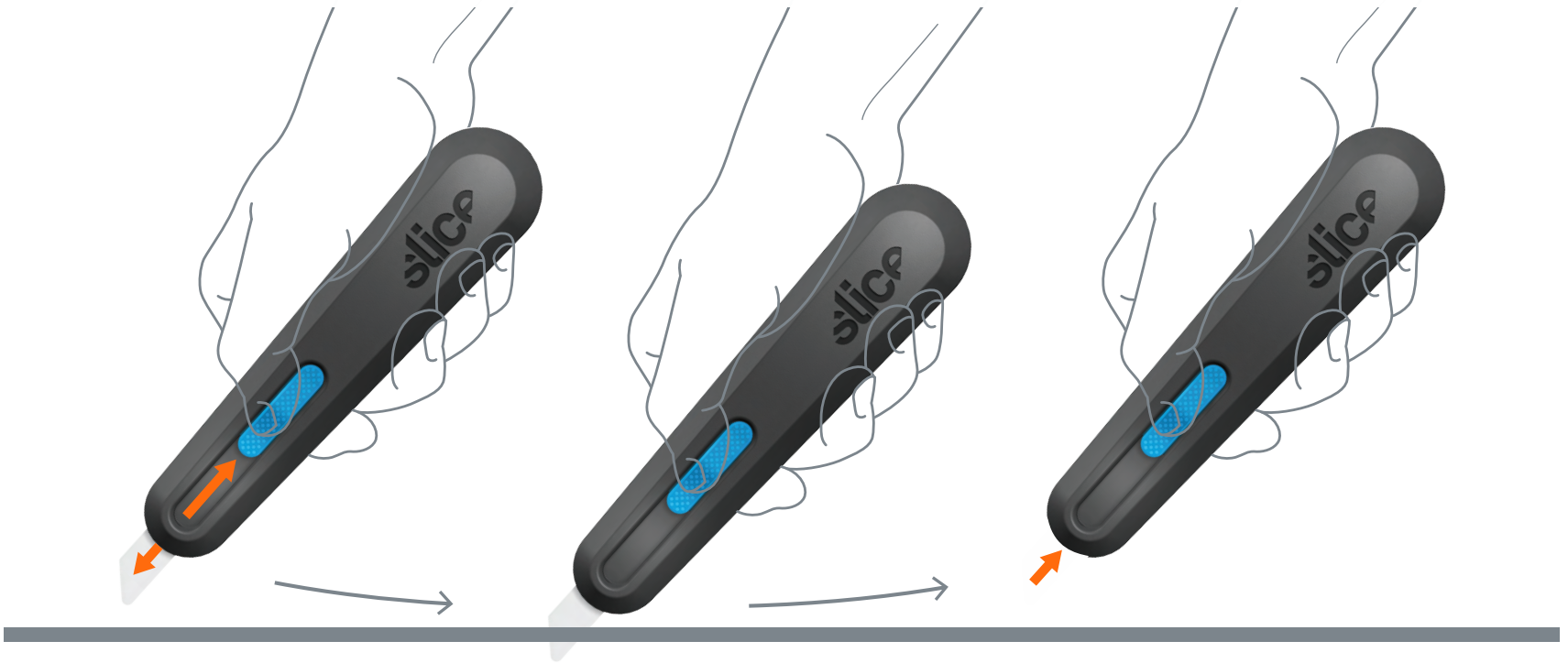


longer blade
for thicker cuts

slice™

ergo-pull™ smart-retract feature

patent-pending pull vs. push ergonomic slider action reduces finger strain



ergo-pull™ smart-retract technology retracts blade when it loses contact with cutting surface, even if finger is still on the slider-button

slice™

auto-retract box cutter #10503



ambidextrous



easy, no-tool
blade change



durable
GFN* tip

ergonomic handle protects hand

auto-retract
slider button

easy access
blade storage



reddot
design
award



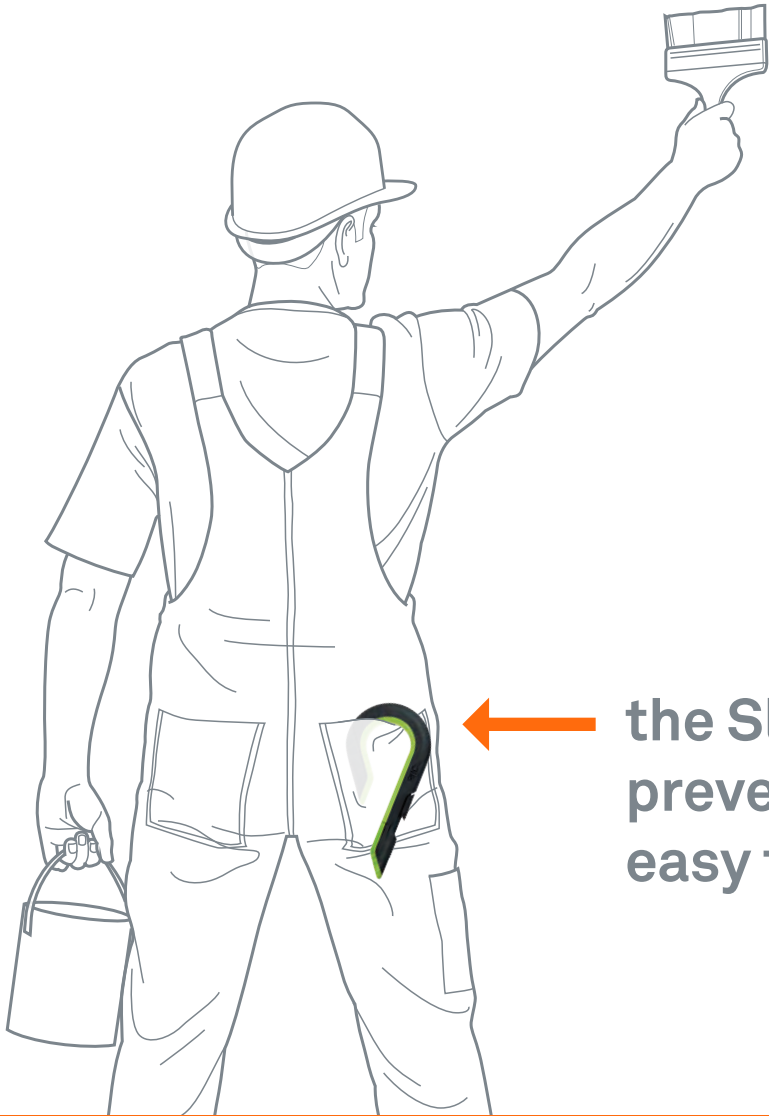
includes one
#10404 blade

manual 3-position box cutter
(#10400 orange) also available

*Glass Filled Nylon

slice™

hook it outside, not inside

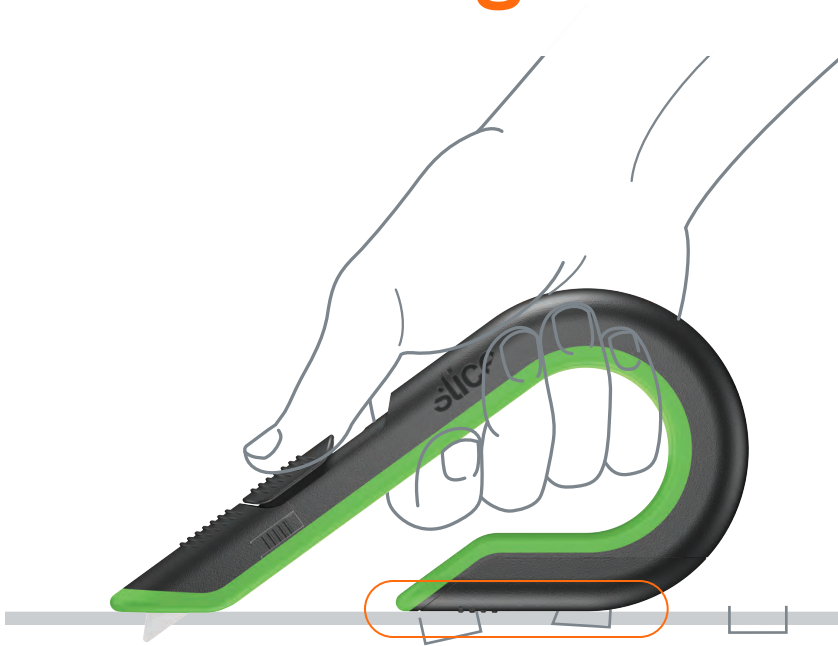


utility knives **inside pockets**
cause millions of accidental
lacerations every year

← the Slice™ box cutter's j-hook shape
prevents injury and makes the cutter
easy to access

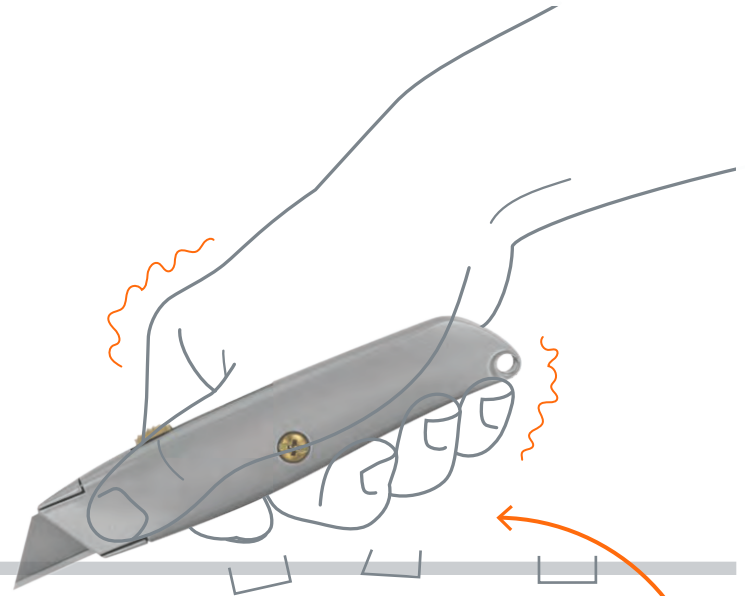
slice™

safer cutting



Slice™ box cutter

- clean, controlled cuts
- hands protected
- contoured & ergonomic grip
- self-guiding
- requires less energy
- reduces fatigue



conventional box cutter

- inconsistent cuts
- irregular depths
- unnatural, cramped hold
- exposed fist & fingers
- susceptible to staples, sharp edges, etc.

slice™

auto-retract pen cutter #10512



ambidextrous



durable
GFN* handle

lanyard hole

self-retracts
for safety



easy, no-tool
blade change



includes one
#10404 blade

manual pen cutter
(#10513 orange) also available

*Glass Filled Nylon

slice™

mini cutter #10514

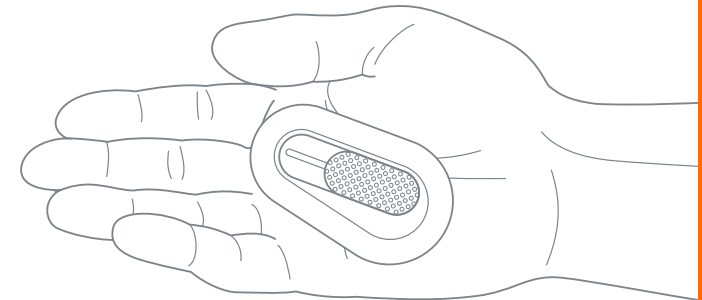


easy, no-tool
blade change

built-in
magnet



auto-retracts
for safety



compact & convenient

lanyard hole



includes one
#10404 blade

slice™

safety cutter #00200



finger friendly™

built-in
magnet

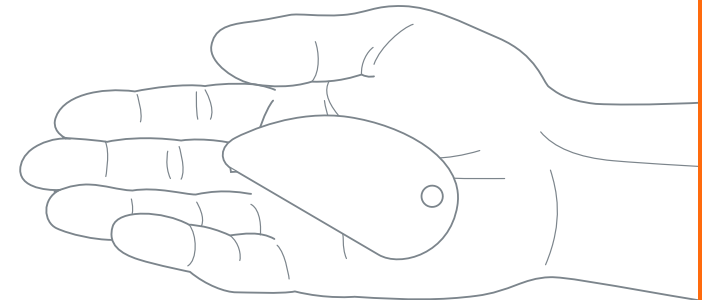


recessed
ceramic blade
for safety



lanyard hole

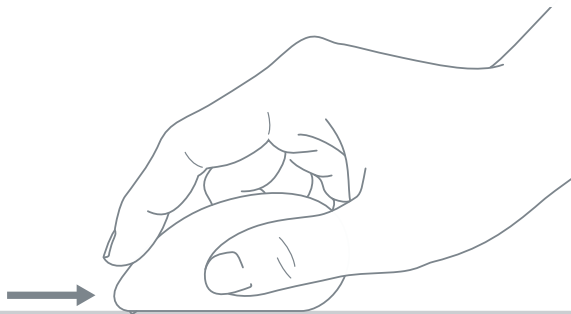
non-slip,
rubberized
finish



compact & convenient

1000's of different uses

opening cartons,
stretch & shrink film,
plastic, labels, paper,
paper-mill rolls, bags,
and more



slice™

precision cutter #00116



ideal for
intricate shapes

rubberized
finish



durable ABS
plastic housing

safety
cap



finger friendly™
micro-ceramic blade

replaces dangerous craft knives & blades
non-replaceable blade = no blade changes

design by
Kartm

slice™

craft cutter #10548



ideal for
intricate shapes

safety cap



durable
GFN* handle



easy, no-tool
blade change

textured copper
control grip

slice™

includes one
#10518 blade

*Glass Filled Nylon

slice™

ceramic scissors #10544



ambidextrous



lightweight
& compact



finger friendly™
ceramic blades



durable
GFN* handle
*Glass Filled Nylon

rubberized grip

slice™

replacement blades #10526 & 10528



up to
10x
longer lasting
vs. steel™

✓
safer than
metal
blades™

sharp but safe ceramic blade

- dual sided rounded or pointed edges
- 1.3 mm thick for strength & durability
- patented blade with proprietary sharpening creates a safer blade
- double sided equivalent of up to 20 single-edge blades

fits the following Slice™ handles:



manual
#10550



auto-retract
#10554



smart-retract
#10558

slice™

replacement blades #10404 & 10408



up to
10x
longer lasting
vs. steel™

✓
safer than
metal
blades™

sharp but safe ceramic blade

- dual sided rounded or pointed edges
- 1.3 mm thick for strength & durability
- patented blade with proprietary sharpening creates a safer blade
- double sided equivalent of up to 20 single-edge blades

fits the following Slice™ handles:



manual #10400
auto-retract #10503



manual #10513
auto-retract #10512



#10514

slice™

replacement blades #10518 & #10520



up to
10x
longer lasting
vs. steel™

✓
safer than
metal
blades™



**sharp but safe ceramic blade
for clean and precise cuts**

- ideal for arts & crafts
- replaces dangerous metal craft knives & blades
- 1.3 mm thick for strength & durability
- patented blade with proprietary sharpening creates a safer blade
- equivalent of up to 10 single-edge blades

fits the following Slice™ handles:



#10548

slice™



stay sharp • stay safe



visit our website at **www.sliceproducts.com** for more ideas
& case histories to reduce cutting injuries at your company.

Sources and Notes:

¹ December 2014 test performed independently by CATRA (Cutlery and Allied Trades Research Association).

² U.S. Bureau of Labor Statistics (BLS) reports more than one million emergency room visits come from hand injuries each year
- as referenced in this article : <http://zero-excuses-protection.com/information/the-true-cost-of-hand-injuries-in-the-workplace/>

³ OSHA Estimate