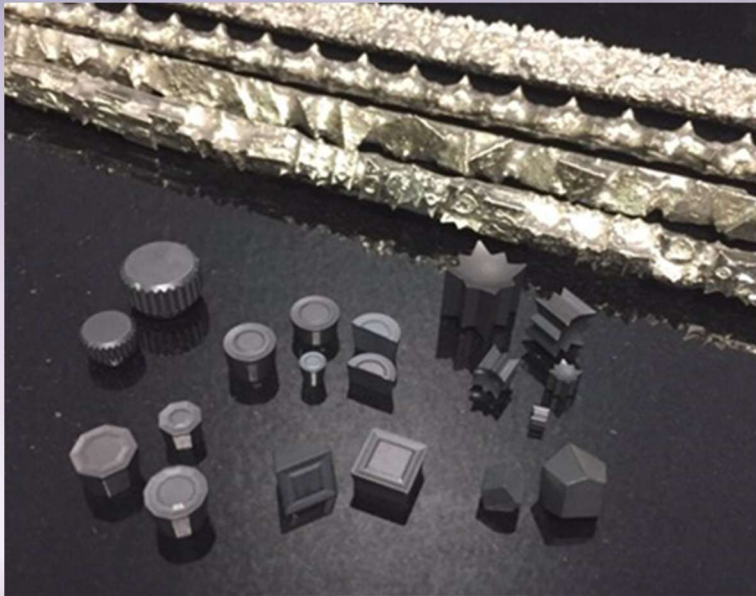
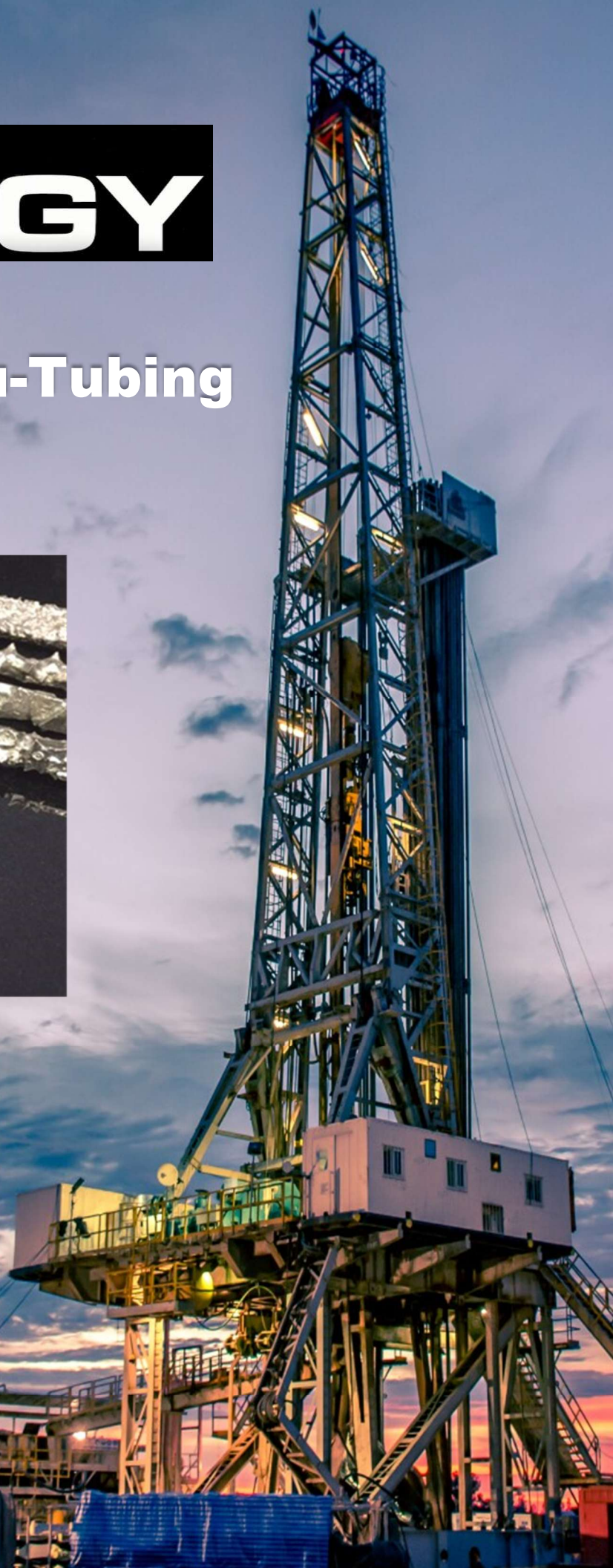




## Fishing and Thru-Tubing Products 2026



12900 Preston Road, Suite 620  
Dallas, Texas U.S.A. 75230  
(281) 734-1746 • (281) 734-1839  
[www.ameriservsupply.com](http://www.ameriservsupply.com)



## Our Story

**For over 30 years,** the professionals at AmeriServ Supply have been providing quality products and memorable customer experiences. And now, they proudly offer the Synergy Carbide™ brand of drilling and wear products for the energy industry.



Available exclusively through AmeriServ Supply, the broad offering includes engineered cutting inserts, like the original Starbide™ and the patented Pentacut™, which have become the standards for increased productivity through lower failure rates and maximum uptime, as well as all the industry-recognized shapes. CrushCut™ crushed carbide composite rods and grit are available in a range of sizes, along with flux and tinning rod for your welding applications. And a selection of gage and wear protection compacts, stabilizers, and tiles completes the offering.

## At Your Service

**More than just another carbide supplier.** As a distributor, AmeriServ Supply offers a broad array of carbide products from a host of domestic and global manufacturers, ensuring the most economical, highest quality products available. But we are also a manufacturer with full design capability, comprehensive process knowledge, and decades of metallurgical expertise. From legacy items abandoned by other manufacturers to your latest idea, we can help.

We are committed to providing exceptional customer care. Our friendly and experienced team is available 24/7 for service, technical support, and even shipping from our huge inventory to avoid expensive downtime. Whether it's product selection, process optimization, or troubleshooting, our 30 years of manufacturing expertise and industry knowledge are at your service.

## Recycling Has Never Been Easier

**Our sustainability initiative** allows our customers to become part of the effort by recycling scrap tungsten carbide materials. Our sister company, Tungsten Carbide Recycling LLC, arranges freight, sorts and weighs your material, and provides detailed settlement reports along with prompt payment.

Now more than ever, it couldn't be easier to do your part to preserve and protect our environment, and keep critical resources in the U.S. Visit [www.tungstencarbiderecycling.com](http://www.tungstencarbiderecycling.com) for more information.



| HARDFACING<br>PRODUCTS<br>cutting inserts                                                                      | Part<br>Number | Dimensions (inches) |                    |        | Model                                                                               |
|----------------------------------------------------------------------------------------------------------------|----------------|---------------------|--------------------|--------|-------------------------------------------------------------------------------------|
|                                                                                                                |                | Diameter<br>/ Width | Thick. /<br>Height | Length |                                                                                     |
| The Original<br><b>Starbide™</b>                                                                               | STARBIDE1/8    | 1/8                 | 1/8                | -      |    |
|                                                                                                                | STARBIDE3/16   | 3/16                | 3/16               | -      |                                                                                     |
|                                                                                                                | STARBIDE1/4    | 1/4                 | 1/4                | -      |                                                                                     |
|                                                                                                                | STARBIDE5/16   | 5/16                | 5/16               | -      |                                                                                     |
|                                                                                                                | STARBIDE3/8    | 3/8                 | 3/8                | -      |                                                                                     |
|                                                                                                                | STARBIDE1/2    | 1/2                 | 1/2                | -      |                                                                                     |
| Patented<br><b>Pentacut™</b>  | PENTACUT1/4    | 1/4                 | 1/4                | 1/4    |    |
|                                                                                                                | PENTACUT5/16   | 5/16                | 5/16               | 5/16   |                                                                                     |
|                                                                                                                | PENTACUT3/8    | 3/8                 | 3/8                | 3/8    |                                                                                     |
| <b>Raptor™</b>                | RAPTOR5/16     | .310                | .332               | .306   |    |
|                                                                                                                | RAPTOR3/8      | .370                | .413               | .360   |                                                                                     |
| <b>Talon™</b>                                                                                                  | TALON3/8       | .371                | .416               | .325   |    |
| <b>Wave™</b>                                                                                                   | M17827         | 1/4                 | 5/16               | 5/16   |    |
|                                                                                                                | M17823         | 1/4                 | 5/16               | 5/8    |                                                                                     |
|                                                                                                                | M17818         | 1/4                 | 5/16               | 1      |                                                                                     |
| <b>MillChain™</b>                                                                                              | DOUBLE HEX 1/4 | 1/4                 | 3/16               | 1/2    |  |
|                                                                                                                | DOUBLE HEX 3/8 | 3/8                 | 1/4                | 3/4    |                                                                                     |
|                                                                                                                | TRIPLE HEX 1/4 | 1/4                 | 3/16               | 3/4    |                                                                                     |
|                                                                                                                | TRIPLE HEX 3/8 | 3/8                 | 1/4                | 1-1/8  |                                                                                     |
| <b>Round</b>                | RCUR1.83       | 3/16                | 3/16               | -      |  |
|                                                                                                                | RCUR23         | 1/4                 | 3/16               | -      |                                                                                     |
|                                                                                                                | RCUR2.93       | 3/8                 | 3/16               | -      |                                                                                     |
|                                                                                                                | RCUR34         | 3/8                 | 1/4                | -      |                                                                                     |
| <b>Half Round</b>                                                                                              | RCUR1.47       | 3/8                 | 3/16               | 3/16   |  |
|                                                                                                                | RCUR1.55       | 3/8                 | 1/4                | 3/16   |                                                                                     |
| <b>8-Sided</b>                                                                                                 | OCUR230        | 1/4                 | 3/16               | -      |  |
|                                                                                                                | OCUR340        | 3/8                 | 1/4                | -      |                                                                                     |
| <b>Half 8-Sided</b>                                                                                            | OCUR340HALF    | 3/8                 | 1/4                | 3/16   |  |
| <b>12-Sided</b>                                                                                                | M17466         | 3/8                 | 1/4                | -      |  |
| <b>Square</b>               | SDUR230        | 1/4                 | 3/16               | -      |  |
|                                                                                                                | D0006          | 3/8                 | 3/16               | -      |                                                                                     |
|                                                                                                                | SDUR2.940      | 3/8                 | 1/4                | -      |                                                                                     |
|                                                                                                                | M17802         | 3/8                 | 1/4                | -      |                                                                                     |
|                                                                                                                | M17831-1       | 3/8                 | 1/4                | -      |                                                                                     |
| <b>Half Square</b>                                                                                             | D0006HALF      | 3/8                 | 3/16               | 3/16   |  |
| <b>Rectangle</b>                                                                                               | M17801         | 3/8                 | 1/4                | 1/2    |  |
|                                                                                                                | M17831         | 3/8                 | 1/4                | 1/2    |                                                                                     |
|                                                                                                                | M19018         | 3/8                 | 1/4                | 1/2    |                                                                                     |
|                                                                                                                | M19019         | 3/8                 | 1/4                | 5/8    |                                                                                     |
|                                                                                                                | M19020         | 3/8                 | 1/4                | 3/4    |                                                                                     |
|                                                                                                                | M17726         | 3/8                 | 1/4                | 1      |                                                                                     |

Only AmeriServ supplies original **Starbide™** inserts, which have 16 identical cutting edges with an aggressive geometry for maximum material removal in the shortest possible time.

Our patented **Pentacut™** inserts are uniquely designed to maintain a consistent gage height no matter how they are applied.

The unforgiving **Raptor™** and **Talon™** inserts rip through downhole junk like buzz saws through butter, or so our customers say.

The innovative **Wave™** inserts are available in three different lengths, so all your mill's cutting elements can be easily lined with the Wave's teeth.

And the new **MillChain™** line features chains of inserts for faster installation, perfect alignment, and cost savings.

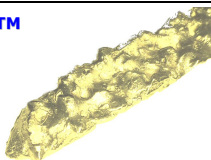
Synergy Carbide's engineered fishing and hardfacing products for dressing downhole tools are used to cut through steel casing and plugs and remove downhole junk. A variety of square, round, half-round, and polygonal inserts are available from stock, and application-specific insert geometries can be developed by our experienced engineering team to meet any requirement.

Our engineered products have advantages over traditional crushed carbide in downhole applications. The uniform shapes and sizes of our inserts, which are made from specially-formulated impact and wear-resistant cutting grades, ensure quick and easy application to the tool and reliable performance down the hole where it counts.

## HARDFACING PRODUCTS

composite rod and grit for cutting and wear applications

### CrushCut™ Rod



### CrushCut™ Grit

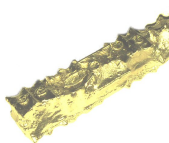


| CrushCut Rod Part Number | CrushCut Grit Part Number | Particle Size (in.) |
|--------------------------|---------------------------|---------------------|
| CCROD70-1018M            | CC10-18                   | 10-18 MESH          |
| CCROD70-18116            | CC18-116                  | 1/8 X 1/16          |
| CCROD70-31618            | CC316-18                  | 3/16 X 1/8          |
| CCROD70-316316           | CC316-316                 | 3/16 X 3/16         |
| CCROD65-14316            | CC14-316                  | 1/4 X 3/16          |
| CCROD65-1414             | CC14-14                   | 1/4 X 1/4           |
| CCROD65-51614            | CC516-14                  | 5/16 X 1/4          |
| CCROD65-516516           | CC516-516                 | 5/16 X 5/16         |
| CCROD65-38516            | CC38-516                  | 3/8 x 5/16          |
| CCROD65-1238             | CC12-38                   | 1/2 x 3/8           |

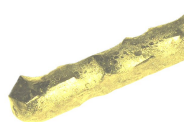
## HARDFACING PRODUCTS

engineered rod for cutting applications

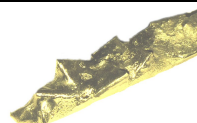
### Starbide™ Rod



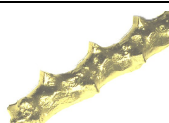
### Pentacut™ Rod



### Raptor™ Rod



### Talon™ Rod



| Part Number     | Insert Size (in.) | Aligned | Vertical |
|-----------------|-------------------|---------|----------|
| STARBIDE1/8ROD  | 1/8               |         |          |
| STARBIDE3/16ROD | 3/16              | X       | X        |
| STARBIDE1/4ROD  | 1/4               | X       | X        |
| STARBIDE5/16ROD | 5/16              | X       | X        |
| STARBIDE3/8ROD  | 3/8               | X       | X        |
| STARBIDE1/2ROD  | 1/2               | X       | X        |
| PENTACUT1/4ROD  | 1/4               |         |          |
| PENTACUT5/16ROD | 5/16              |         |          |
| PENTACUT3/8ROD  | 3/8               |         |          |
|                 |                   |         |          |
| RAPTOR5/16ROD   | 5/16              |         |          |
| RAPTOR3/8ROD    | 3/8               |         |          |
|                 |                   |         |          |
| TALON3/8ROD     | 3/8               |         |          |
|                 |                   |         |          |

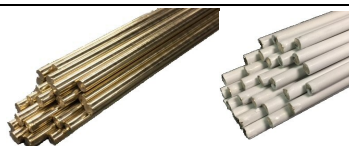
## Flux

High-temperature flux for nickel-silver alloys (RBCuZn)

| Part Number | Form   | Weight (lbs.) |
|-------------|--------|---------------|
| FLUX43860   | Powder | 1             |
| FLUX43001   | Paste  | 1             |

## Tinning Rod

Nickel-silver alloy for composite rod



| Part Number            | Dia. (in.) | Length (in.) |
|------------------------|------------|--------------|
| TROD1/16 and TROD1/16C | 1/16       | 36           |
| TROD3/32 and TROD3/32C | 3/32       | 36           |
| TROD1/8 and TROD1/8C   | 1/8        | 36           |
| TROD3/16 and TROD3/16C | 3/16       | 36           |
| TROD1/4 and TROD1/4C   | 1/4        | 36           |
| TROD3/8 and TROD3/8C   | 3/8        | 36           |

### CrushCut™ composite rod

is cast in a nickel / silver matrix with a tensile strength of up to 100,000 PSI and is offered without flux in one-pound increments.

A 65/35 ratio of carbide to matrix is used for cutting applications, and for wear applications a 70/30 ratio is used.

**CrushCut™ premium grit** is available in industry-standard sizes from 1018 mesh through 3/8". Sintered virgin tungsten carbide material is crushed and screened to ensure unmatched consistency.

**Starbide™ composite rod** represents a breakthrough in downhole tool dressing technology. These rods consist of engineered tungsten carbide inserts made from a grade specially formulated to cut through casings, plugs, and downhole junk in record times.

**Pentacut™ composite rod** employs the patented cutting technology of the Pentacut™ inserts to create a constant gage height regardless of the position the inserts are applied.

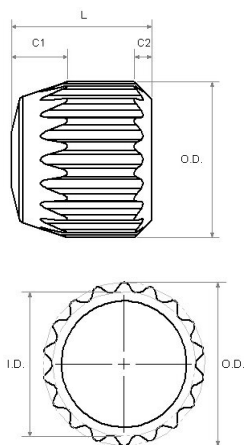
**RaptorRod™ and TalonRod™** feature extremely aggressive cutting elements designed for optimum material removal.

Synergy Carbide offers Type B high-temperature flux, in powder and paste forms, tailored for use with nickel-silver alloys. Non-corrosive, washes away with water, and cleans contaminants on the brazing surface.

Our tinning rod comes bare or fluxed in standard sizes. Made from the same durable nickel-silver alloy used on all our composite rod products, from AWS and ASME class RBCuZn-D.

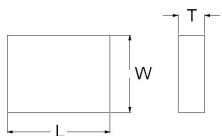
All gage and wear protection compacts and stabilizer inserts are produced in our standard grade, SC1010, which exhibits a good balance of the wear resistance and toughness essential for reducing wear on friction-heavy gage surfaces of rotary cone and diamond bits – and also now available in our non-magnetic grade, SC110N. Rectangular stabilizers and round wear protection inserts are available from inventory in our standard grade, SC1012, specially formulated to enhance wear characteristics, or our non-magnetic grade, SC112N.

## Serrated stabilizers



| Part Number | Dimensions (inches) |      |      |      |            | Model |
|-------------|---------------------|------|------|------|------------|-------|
|             | O.D.                | I.D. | C1   | C2   | Length (L) |       |
| M17745      | .273                | .242 | .100 | .031 | 1/4        |       |
| M17683      | .334                | .309 | .059 | .015 | .145       |       |
| M17504      | .334                | .309 | .059 | .015 | .200       |       |
| M17457      | .334                | .309 | .059 | .015 | .268       |       |
| M10024      | .388                | .358 | .070 | .020 | 1/4        |       |
| M10025      | .406                | .374 | .125 | .031 | 1/4        |       |
| M17697      | .406                | .374 | .125 | .023 | .305       |       |
| M10040      | .406                | .374 | .103 | .031 | 5/16       |       |
| M10020      | .406                | .374 | .125 | .031 | 3/8        |       |
| M17519      | .458                | .418 | .137 | .015 | 1/4        |       |
| M17642      | .458                | .418 | .137 | .015 | .348       |       |
| M17649      | .458                | .418 | .137 | .015 | 7/16       |       |
| M17420      | .458                | .418 | .137 | .015 | .475       |       |
| M17580      | .583                | .551 | .140 | .015 | 1/4        |       |
| M17769      | .544                | .511 | .100 | .015 | 5/16       |       |
| M17623      | .583                | .551 | .140 | .015 | 5/16       |       |
| M10038      | .583                | .551 | .139 | .015 | 3/8        |       |
| M10010      | .583                | .551 | .139 | .015 | 1/2        |       |
| SDS406438   | .406                | .374 | .125 | .122 | 7/16       |       |
| SDS583625   | .583                | .551 | .139 | .175 | 5/8        |       |

## Rectangular stabilizers



| Part Number  | Length (L) | Width (W) | Thickness (T) | Model |
|--------------|------------|-----------|---------------|-------|
| TILE6.5X5X2  | 6.5 mm     | 5 mm      | 2 mm          |       |
| TILE13X5X2   | 13 mm      | 5 mm      | 2 mm          |       |
| TILE6.5X5X3  | 6.5 mm     | 5 mm      | 3 mm          |       |
| TILE13X5X3   | 13 mm      | 5 mm      | 3 mm          |       |
| TILE13X5X3.2 | 13 mm      | 5 mm      | 3.2 mm        |       |
| TILE13X5X4   | 13 mm      | 5 mm      | 4 mm          |       |

## Trapezoidal stabilizers

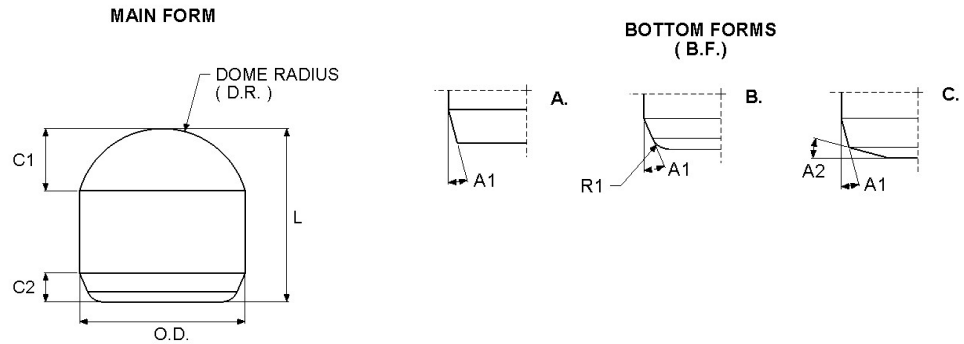
| Part Number | Dimensions (inches) |                 |        | Model |
|-------------|---------------------|-----------------|--------|-------|
|             | Width               | Thick. / Height | Length |       |
| ANC803      | 3/8                 | 1/4             | 1/2    |       |
| ANC804      | 3/8                 | 1/4             | 1      |       |

## Half-round stabilizers

|         |     |     |   |  |
|---------|-----|-----|---|--|
| ANC9228 | 3/8 | 1/4 | 1 |  |
|         |     |     |   |  |

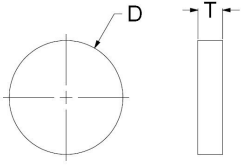
## Gage and wear protection compacts – ovoid

For use on downhole tools where domed gage protection is needed

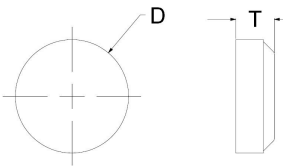


| Part Number | Dimensions (inches) |      |      |      |      |             |     |     |      |
|-------------|---------------------|------|------|------|------|-------------|-----|-----|------|
|             | Main Form           |      |      |      |      | Bottom Form |     |     |      |
|             | O.D.                | L    | C1   | C2   | D.R. | TYPE        | A1  | A2  | R1   |
| M17521D2    | .1900               | .205 | .074 | .034 | .102 | B           | 23° | -   | .020 |
| M17521D1    | .1915               | .205 | .074 | .034 | .102 | B           | 23° | -   | .020 |
| M17521      | .2020               | .205 | .074 | .034 | .102 | B           | 23° | -   | .020 |
| M171821D1   | .2500               | .338 | .081 | .060 | .141 | C           | 15° | 15° | -    |
| M17545D6    | .2510               | .310 | .076 | .060 | .141 | C           | 15° | 15° | -    |
| M17545D1    | .2515               | .310 | .076 | .060 | .141 | C           | 15° | 15° | -    |
| M17303D2    | .2520               | .256 | .083 | .076 | .141 | C           | 15° | 15° | -    |
| M17545D2    | .2530               | .310 | .076 | .060 | .141 | C           | 15° | 15° | -    |
| M17645D1    | .2535               | .478 | .076 | .031 | .141 | A           | 45° | -   | -    |
| M17303D3    | .2540               | .256 | .083 | .076 | .141 | C           | 15° | 15° | -    |
| M17545D3    | .2550               | .310 | .076 | .060 | .141 | C           | 15° | 15° | -    |
| M17545D5    | .2555               | .310 | .076 | .060 | .141 | C           | 15° | 15° | -    |
| M17303D1    | .2560               | .256 | .083 | .076 | .141 | C           | 15° | 15° | -    |
| M17545D4    | .2570               | .310 | .076 | .060 | .141 | C           | 15° | 15° | -    |
| M17545      | .2580               | .310 | .076 | .060 | .141 | C           | 15° | 15° | -    |
| M17182      | .2610               | .338 | .081 | .060 | .140 | C           | 15° | 15° | -    |
| M17698      | .2630               | .248 | .048 | .076 | .196 | C           | 15° | 15° | -    |
| M17303      | .2630               | .256 | .083 | .076 | .141 | C           | 15° | 15° | -    |
| M17775      | .2630               | .266 | .084 | .055 | .140 | B           | 15° | -   | .010 |
| 3816RB      | .3810               | .375 | .133 | .065 | .203 | B           | 15° | -   | .020 |
| M17275      | .3850               | .400 | .129 | .082 | .203 | C           | 15° | 15° | -    |
| M17728      | .3880               | .633 | .156 | .083 | .194 | C           | 15° | 15° | -    |
| M17737      | .3950               | .299 | .145 | .059 | .203 | B           | 15° | -   | .008 |
| M17738D1    | .4390               | .351 | .162 | .062 | .235 | B           | 15° | -   | .010 |
| 4448RB      | .4440               | .500 | .160 | .089 | .234 | B           | 15° | -   | .020 |
| M17738D1    | .4550               | .351 | .162 | .062 | .235 | B           | 15° | -   | .010 |
| M17402      | .5080               | .542 | .177 | .076 | .271 | C           | 15° | 15° | -    |
| M17625      | .5080               | .585 | .187 | .105 | .266 | C           | 15° | 15° | -    |
| M17624      | .5080               | .614 | .180 | .105 | .266 | C           | 15° | 15° | -    |
| 5698RB      | .5690               | .500 | .212 | .094 | .297 | B           | 15° | -   | .040 |

## Round wear protection inserts



| Part Number | Diameter (D) | Thickness (T) | Model                                                                               |
|-------------|--------------|---------------|-------------------------------------------------------------------------------------|
| DISC240X200 | .240         | .200          |  |
| M17632      | .245         | .125          |                                                                                     |
| DISC245X133 | .245         | .133          |                                                                                     |
| DISC245X200 | .245         | .200          |                                                                                     |
| DISC312X312 | .312         | .312          |                                                                                     |
| DISC370X080 | .370         | .080          |                                                                                     |
| DISC370X133 | .370         | .133          |                                                                                     |
| DISC370X200 | .370         | .200          |                                                                                     |
| DISC370X311 | .370         | .311          |                                                                                     |
| M17804      | .375         | .125          |                                                                                     |
| M17805      | .375         | .188          |                                                                                     |
| M17806      | .375         | .250          |                                                                                     |
| M17510      | .375         | .305          |                                                                                     |
| M17648D4    | .367         | .125          |  |
| M17648D5    | .367         | .133          |                                                                                     |
| M17648D6    | .367         | .188          |                                                                                     |
| M17648D2    | .367         | .265          |                                                                                     |
| M17648D1    | .367         | .290          |                                                                                     |
| M17648D3    | .367         | .365          |                                                                                     |



## Our Mission

***We have a lifelong respect*** for the sacrifices our nation's military and first responders make to keep our country safe and free. It is the mission of AmeriServ Supply to support these heroes by donating a portion of our profits to charities benefiting these elite groups.

We take pride in making contributions to organizations like the Wounded Warrior Project, the Fisher House Foundation, and the Gary Sinise Foundation. Every dollar we earn means we're helping improve the lives of these amazing people. We sincerely appreciate you joining us in this effort.

