### Mastercraft Brand Passenger Tire Size Matrix

#### Cooper Zeon

<table>
<thead>
<tr>
<th>Rim Diameter</th>
<th>Size</th>
<th>Value</th>
<th>Performance</th>
<th>Enthusiast</th>
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#### Enthusiast

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#### Winter

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### Availability to be announced

- 205/40R15
- 225/40R15
- 245/40R15
- 225/45R15
- 235/45R15
- 245/45R15
- 225/50R15
- 235/50R15
- 245/50R15
- 235/55R15
- 245/55R15
- 275/50R15
- 255/50R15
- 275/55R15
- 255/55R15
- 285/55R15
- 305/55R15
- 325/55R15
- 355/55R15
- 325/60R15
- 355/60R15
- 385/60R15
- 405/60R15
- 455/60R15
- 495/60R15

- 225/40R16
- 225/45R16
- 235/45R16
- 245/45R16
- 245/50R16
- 245/55R16
- 275/50R16
- 275/55R16
- 305/55R16
- 325/55R16
- 355/55R16
- 325/60R16
- 355/60R16
- 385/60R16
- 405/60R16
- 455/60R16
- 495/60R16

- 225/40R17
- 225/45R17
- 235/45R17
- 245/45R17
- 245/50R17
- 245/55R17
- 275/50R17
- 275/55R17
- 305/55R17
- 325/55R17
- 355/55R17
- 325/60R17
- 355/60R17
- 385/60R17
- 405/60R17
- 455/60R17
- 495/60R17

- 225/40R18
- 225/45R18
- 235/45R18
- 245/45R18
- 245/50R18
- 245/55R18
- 275/50R18
- 275/55R18
- 305/55R18
- 325/55R18
- 355/55R18
- 325/60R18
- 355/60R18
- 385/60R18
- 405/60R18
- 455/60R18
- 495/60R18

- 225/40R19
- 225/45R19
- 235/45R19
- 245/45R19
- 245/50R19
- 245/55R19
- 275/50R19
- 275/55R19
- 305/55R19
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- 385/60R19
- 405/60R19
- 455/60R19
- 495/60R19

- 225/40R20
- 225/45R20
- 235/45R20
- 245/45R20
- 245/50R20
- 245/55R20
- 275/50R20
- 275/55R20
- 305/55R20
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- 355/55R20
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### Mastercraft Brand SUV & LT Tire Size Matrix

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<th>COOPER HSX TOUR</th>
<th>COOPER A/T &amp; A/T2</th>
<th>COOPER STR</th>
<th>COOPER LTR</th>
<th>COOPER MT</th>
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### IMPORTANT TIRE SAFETY CONSIDERATIONS AND VEHICLE MANUFACTURER RECOMMENDATIONS:

- Disregarding any of the safety precautions and instructions contained herein may result in tire failure or explosion causing serious personal injury or death. For your safety and the safety of your customer, always read and refer to the safety precautions and instructions for Plus Sizing Fitment, RMA Replacement Guidelines, Bennett Garfield Publications, Cooperation Service Bulletins, Load & Inflations Tables and Approved Rim Charts for additional safety precautions and instructions for proper tire and rim applications.
- Metric tires may be used in P-metric application, provided metric load index values equal or are greater than P-metric load index values. Use inflation pressures specified on vehicle placard.
- When passenger tires are used in light truck service, tire and rim industry standards apply a 10% reduction in maximum load.
- Load index differs depending on whether the tires are used in a single or dual application (Single/Dual).
- Under-inflated tires lead to tire failure. The result is unnecessary tire stress, irregular wear, loss of control, and accidents. A tire can lose up to half of its pressure and not appear to be flat!
- om out or damaged tires are dangerous! Advanced and unusual wear can reduce the ability of tread to grip the road in adverse conditions.
- Driving on overloaded tires is dangerous, building up excessive heat and can result in sudden tire destruction! The maximum load rating of your tire is marked on the tire sidewall and load ratings of the tire are referenced in the vehicle's owner's manual. Do not exceed these load ratings.
- When tires need to be replaced, consult the tire placard, which is normally located on the vehicle door edge, door post, glove box or fuel door. Use the information on the vehicle placard, vehicle owner's manual or consult with the vehicle manufacturer or tire manufacturer to identify original equipment (O.E.) air pressure for the front/rear axles and spare tire size (including the spare), speed rating, load capacity and other tire-related details.
- It is recommended that all four tires be of the same size, speed rating, and construction (radial, non-radial). In some cases the vehicle manufacturer may require different sized tires for either the front or rear axles. NEVER mix P-Metric or European Metric passenger tires with light truck sized tires on the same vehicle. Match tire size designations in pairs on an axle, except for temporary use of a spare tire. If two radial tires and two non-radial tires must be used on a vehicle, put radials on the rear axle. If radial and non-radial tires are used on a vehicle equipped with dual rear tires, the radial tires may be used on either axle.
- With the exception of winter tires, replacement tires must have the same or higher speed rating as specified on the vehicle placard or owner's manual to maintain vehicle speed capability. Tire speed ratings do not imply that vehicles can be driven at the maximum speed for which the tire is rated, particularly under adverse road and weather conditions, or if the vehicle has unusual characteristics. Never operate a vehicle in an unsafe or unlawful manner. If replacement tires have lower speed capability than specified by the vehicle manufacturer, the vehicle's speed must be restricted to that of the replacement tire and lower speed rated tires should always be placed on the front axle to prevent potential overload conditions where vehicle handling could be affected. Consult your dealer, the vehicle manufacturer, or tire manufacturer for recommendations and replace the emergency tire fitment with the proper speed rated tire when the emergency is over.
- Four-wheel drive (4WD) and all-wheel drive (AWD) vehicles: DO NOT mix tire sizes. All four tires must be marked with the same tire size, unless otherwise specified by the vehicle manufacturer. This also applies to winter/snow tires. DO NOT mix radial and non-radial tires. All four tires must be either radial or non-radial. DO NOT mix tread pattern types such as all-terrain and all-season. For 4WD and AWD vehicles, even small differences in outside diameter may cause drive-train damage or mechanical malfunction.
- When replacing only two (2) tires in the same size and construction as those on the vehicle, the two newer tires should be installed on the rear axle unless the new replacement tires are of a lower speed rating.
- Replacing only one (1) tire on a vehicle can have an adverse affect on suspension systems, gear ratios, transmission, and tire wear/age. If only a single tire replacement is unavoidable, it is recommended that the single new tire be paired with the tire that has the deepest tread and both be placed on the rear axle. New tires with deeper treads provide better grip and evacuate water more effectively, which is important as a driver approaches hydroplaning situations. Placing greater traction on the rear axle on wet surfaces is necessary to prevent possible oversteer condition and possible loss of vehicle control, especially during sudden maneuvers.
- Apply winter and studded tires to all wheel positions, including duals, to maintain vehicle mobility and control. Winter and studded tires have higher traction qualities under most winter weather conditions. If winter and studded tires are applied to the front axle of any vehicle, winter and studded tires MUST also be installed on the rear axle. DO NOT apply winter tires only on the front axle or apply studded tires only to the front axle. This applies to all passenger and light truck vehicles including front-wheel drive, 4WD, and AWD vehicles.
- Important to maintain vehicle speed capability. Tire speed ratings do not imply that vehicles can be driven at the maximum speed for which the tire is rated, particularly under adverse road and weather conditions, or if the vehicle has unusual characteristics. Never operate a vehicle in an unsafe or unlawful manner. If replacement tires have lower speed capability than specified by the vehicle manufacturer, the vehicle's speed must be restricted to that of the replacement tire and lower speed rated tires should always be placed on the front axle to prevent potential overload conditions where vehicle handling could be affected. Consult your dealer, the vehicle manufacturer, or tire manufacturer for recommendations and replace the emergency tire fitment with the proper speed rated tire when the emergency is over.
The Avenger Touring LSR was designed for drivers who demand ride comfort, handling and all-season performance while sporting attractive style.

**Fitments:** Camry, Jetta, Acadia, Enclave, Maxima

**UTQG:**
- V/H-rated: Premium Luxury Touring
- H-rated: Road Test!

**V/H-rATeD** Premium Luxury Touring V/H-rated
- Performance tire technology for improved performance
- Specially-formulated performance compounds are derived from enhanced vehicle control
- Four circumferential grooves that include wider outboard grooves resist hydroplaning at higher speeds and contribute to reduced stopping distance.

**WIDE CIRCUMFERENTIAL GROOVES**

**WIDE TREAD ARC**
- The wide tread arc improves handling and contributes to excellent ride life.

**AVENGER TOURING LSR**
- Black sidewall & V-speed rated

**Avenger Touring LSR**
- H-speed rated
- Wide side wall and superior ride quality

**PERFORMANCE COMPOUNDING**
- Specially-formulated performance compounds are derived from performance tire technology for improved performance and enhanced vehicle control.

**INNOVATIVE 5-RIB ALL SEASON TREAD DESIGN**
- The innovative 5-rib tread design incorporates numerous features to provide for excellent stability, traction and treadwear.

**COUPLED SILICA TREAD COMPOUND**
- The chemically coupled silica and carbon black compound allows for superior wet traction without sacrificing treadwear.
- An optimized polymer matrix allows the compound to remain pliable at lower temperatures while contributing to lower rolling resistance.

**CENTER RIB**
- The center rib provides for improved steering response and responsive handling while contributing to reduced noise.

**WIDE CIRCUMFERENTIAL GROOVES**
- Four circumferential grooves that include wider outboard grooves resist hydroplaning at higher speeds and contribute to reduced stopping distance.

**OPEN SHOULDER DESIGN**
- The open shoulder design utilizes lateral slots and strategic siping to create biting edges for all-season traction, improved wet cornering performance and excellent handling in snow.

**HIGH DENSITY SIZING**
- The high density sipes allow for increased capillary action to remove water from the tread area to reduce stopping distances, improve wear and provide extra grip in rain and snow.

**WIDE TREAD ARC**
- The wide tread arc improves handling and contributes to excellent ride life.

**RECOMMENDATIONS AND WARNINGS.**
- Always consult and follow the vehicle manufacturer replacement tire recommendations and warnings.
- Use the information on the vehicle placard and vehicle owner's manual to identify original equipment air pressure, tire size, speed rating and load carrying capacity. Cooper Tire reserves the right to change and improve construction, materials or specifications without notice or obligation.
- Please refer to the back cover of this book for important tire safety considerations and recommendations.
The five-rib, all-season design employs a computer enhanced strategy® provides all-season capabilities, a quiet ride and long wear for a variety of vehicles.

**QUICK RIDING DESIGN**

The five-rib, all-season design employs a computer enhanced sound quality system that optimizes the tread pattern’s pitch sequence for a quiet ride.

**FOUR CIRCUMFERENTIAL GROOVES**

Designed to grip out from the tread contact area, the grooves combine with the high sipe density and variable shoulder slots to help provide superior all-weather traction.

**TOURING TREAD FORMULA**

The compounding used in the Strategy has been formulated for long wear and all-weather grip to provide consumers with value and dependability in a variety of conditions.

**EVEN-WEARING DESIGN**

A notched, solid center rib along with a refined tread element shape, helps provide even treadwear. Shoulder slotting is also designed for resistance to irregular wear while providing solid, all-season performance.

**OPTIMAL TIRE SHAPE**

An optimal tread and sidewall shape was created to deliver uniform pressure distribution across the tread contact area.

**FACETED BEAD**

The faceted bead provides a uniform and secure fit of the tire onto the rim for a smooth and comfortable ride.

**STANDARD LIMITED WARRANTY**

**V/H-RATED T-RATED TOURING ALL-SEASON V/H/T-RATED**

The Strategy was designed for consumers looking for touring performance but do not want to pay a lot for it. This tire provides all-season capabilities, a quiet ride and long wear for a variety of vehicles.

**Fitments:**

Accord, Impala, Civic, Protégé, Cavalier

**UTQG**

VH-RATED 440 A A

T-RATED 540 A B

**M+S Rated**

**ASSEMBLY SPECIFICATIONS**

**STRATEGY**

**BLACK AND WHITE SIDEWALL V, H & T-speed rated**

Please refer to the back cover of this book for important tire safety considerations and recommendations.

**ALWAYS CONSULT AND FOLLOW THE VEHICLE MANUFACTURER REPLACEMENT TIRE RECOMMENDATIONS AND WARNINGS.** Use the information on the vehicle placard and vehicle owner’s manual to identify original equipment air pressure, tire size, speed rating and load carrying capacity. Cooper Tire reserves the right to change and improve construction, materials or specifications without notice or obligation. Please refer to the back cover of this book for important tire safety considerations and recommendations.
The Avenger G/T is a cosmetic performance tire available in today's black sidewall or an eye-catching raised white letter that will retain the character of the old “muscle car.”

**Fitments:** Various older model passenger cars, classic muscle cars

**UTQG**

- T-RATED: 440 A B
- S-RATED: 440 A C

**Performance Tread**

The void ratio in this performance radial has been re-distributed for increased tire-to-road contact which leads to improvements in treadwear and handling.

**Even-Wearing Design**

A notched, solid center rib, along with a refined tread element shape, helps provide even treadwear. Shoulder slotting is also designed for resistance to irregular wear while providing solid, all-weather performance.

**Quiet Ride**

Pitch sequence has been optimized to reduce tread related tire noise for increased consumer riding comfort.

**Sidewall and Size Options**

Available in a full selection of popular sizes, the Avenger G/T offers a unique, stylized, raised white letter sidewall to enhance vehicle appearance. The reverse side offers a serrated, black-letter look for a more subtle effect. Some sizes are available in black lettering only featuring a reversible option: stylized sidewall on one side and a traditional, smooth sidewall with standard lettering on the reverse.

**Optimized Tread Compound**

A delicate balance between all-season traction capability and excellent treadwear has been achieved in this product.

**Performance Rating**

Indoor-wheel tested to meet or exceed the original equipment requirements of many automobiles, minivans and crossovers.

---

**Material #** | **Item #** | **Service Description** | **Tire Size & Rim Widths** | **Appro. Rim Widths** | **Max PSI** | **Max Load** | **Overall Diam.** | **Tread Width** | **Max Per Mile** | **Tread Depth 32nd** | **Ship Weight** | **UPC**
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | ---
90000005347 | 39733 | RWL P215/70R14 96T (6.5) | 8.66 7.00 607 10.5 | 22 029142364917
90000005348 | 39734 | RWL P225/70R14 98T (6.5) | 8.92 7.20 792 10.5 | 24 029142364924
90000005349 | 39720 | BLK P185/60R14 82T (5.5) | 7.15 6.00 912 10.5 | 17 029142364868
90000005346 | 39708 | RWL P235/60R14 97T (7.0) | 7.60 830 10.5 | 23 029142364702
90000005355 | 39735 | RWL P215/70R15 97T (6.5) | 8.71 7.00 778 10.5 | 23 029142364931
90000005356 | 39736 | RWL P225/70R15 100T (6.5) | 9.10 7.20 760 10.5 | 26 029142364948
90000005357 | 39737 | RWL P235/70R15 102T (7.0) | 9.46 7.60 745 10.5 | 27 029142364955
90000005358 | 39738 | RWL P255/70R15 108T (7.5) | 10.40 8.20 718 10.5 | 32 029142364962
90000005359 | 39716 | RWL P215/65R15 95T (6.5) | 8.38 6.80 799 10.5 | 23 029142364733
90000005360 | 39712 | RWL P235/60R15 98T (7.0) | 9.15 7.60 796 10.5 | 25 029142364786
90000005361 | 39713 | RWL P245/60R15 100T (7.0) | 9.47 8.00 783 10.5 | 26 029142364795
90000005362 | 39714 | RWL P255/60R15 102T (7.5) | 10.24 8.20 769 10.5 | 28 029142364801
90000005353 | 39715 | RWL P275/60R15 107T (8.0) | 10.70 8.90 741 10.5 | 31 029142364818
90000005349 | 39702 | RWL P295/50R15 105S (9.5) | 12.22 10.10 775 10.5 | 32 029142365006
90000005359 | 39750 | BLK P235/55R18 98T (7.5) | 9.65 7.95 793 10.5 | 24 029142366218

**Cooper Tire reserves the right to change and improve construction, materials or specifications without notice or obligation.**
The A/S IV is an entry level, all-season tire designed for the value-oriented consumer. This tire fits a variety of older vehicles and is available in select white sidewall sizes.

**Fitments:**
Various passenger cars, SUV, CUVs and smaller pick-ups

**UTQG**

<table>
<thead>
<tr>
<th>TREADWEAR</th>
<th>TRACTION</th>
<th>TEMP.</th>
</tr>
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<tbody>
<tr>
<td>440</td>
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<td>B</td>
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</table>

**ALL-SEASON STYLES**

A smooth white stripe of stay-bright rubber compound is available in selected sizes.

**STANDARD LIMITED WARRANTY**

**STANDARD ALL-SEASON SIZES**

**ALL-SEASON TREAD PATTERN**

Squared off tread elements form an effective pattern of distinct gripping edges for year round traction. Wide circumferential grooves and lateral grooves promote excellent wet traction by channeling water out from the contact patch.

**DURABLE RUBBER COMPOUNDS**

Rubber compounds used throughout the tire are formulated for durability and performance. The combination of tread stock and tread pattern delivers even wear and excellent mileage.

**OPTIMIZED TREAD VOID**

Tread void, created by grooves and sipes, is greatest at the center of the tread to aid traction, then decreases gradually toward the shoulder area for overall, even treadwear. Variable sizing of the tread elements helps reduce noise.

**DOUBLE-STRENGTH INNERLINER**

A halobutyl innerliner contributes to excellent air retention.

**WHITE SIDEWALL STYLING**

A smooth white stripe of stay-bright rubber compound is available in selected sizes.

**M+S Rated**

A speed rating of M+S ( Mud and Snow) indicates the tire is capable of providing adequate traction on snow covered or muddy roads.

**ALWAYS CONSULT AND FOLLOW THE VEHICLE MANUFACTURER REPLACEMENT TIRE RECOMMENDATIONS AND WARNINGS.** Use the information on the vehicle placard and vehicle owner's manual to identify original equipment air pressure, tire size, speed rating and load carrying capacity. Cooper Tire reserves the right to change and improve construction, materials or specifications without notice or obligation. Please refer to the back cover of this book for important tire safety considerations and recommendations.

**Material # | Item # | Size | Tire Size & Service Description | Approved Rim Widths | Max PSI | Max Load | Overall Diam. | Sidewall | Temp. | Rev. Per Mile | Tread Depth 32” | Max. Weight | UPC**

| A/S IV | BLACK AND WHITE SIDEWALL S-speed rated |

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The MC-440 will provide great all-season traction with a smooth, quiet ride and responsive handling. With the MC-440 you will get excellent performance without the premium price.

**Modifications:**
Grand Am, Alero, Mustang, Neon, Camry

**UTQG**

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**M+S Rated**

**Modern All-Season Tread Design**
This modern-looking radial will perform well in wet and dry weather.

**Deep Lateral Shoulder Slots**
Our new design uses lateral slots in the shoulder to help ensure excellent traction throughout the life of the tire.

**Offset Shoulder Sipe Technology**
Computer-modeled geometry balances larger areas for element stability with small element flexibility and biting edges for all-weather performance.

**Circumferential Grooves**
See-through grooves help disperse water and slush to provide dependable all-season traction.

**Variable Pitch Tread**
Computer-designed to provide a quiet-running tire at highway speeds.

**Solid Center Rib**
Provides a smooth ride and enhances handling ability.

**Spiral Nylon Overwrap**
Provides high speed capability while maintaining a smooth ride.

**Material #** | **Item #** | **Size & Service Description** | **Approved Rim Widths** | **Max PSI** | **Max Load** | **Overall Dia.** | **Tire Width** | **Rev. Per Mile** | **Tread Depth 32°** | **Ship Wt.** | **UPC** |
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**ALWAYS CONSULT AND FOLLOW THE VEHICLE MANUFACTURER REPLACEMENT TIRE RECOMMENDATIONS AND WARNINGS.**
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The MC-440 will provide great all-season traction with a smooth, quiet ride and increased steering response. With the MC-440 you will get excellent performance without the premium price.

**Fitments:**
Corolla, Civic, Escort, Sunfire and smaller SUVs and pick-ups

**UTQG**

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**MODERN ALL-SEASON TREAD DESIGN**
This modern-looking radial will perform well in wet and dry weather.

**RAMP-LOCK CENTER RIB**
Unique center rib design provides cross slot for all-weather traction and controlled handling.

**DEEP LATERAL SHOULDER SLOTS**
Our new design uses lateral slots in the shoulder to help ensure excellent traction throughout the life of the tire.

**OFFSET SHOULDER SIPE TECHNOLOGY**
Computer-modeled geometry balances larger areas for element stability with small element flexibility and biting edges for all-weather performance.

**CIRCUMFERENTIAL GROOVES**
See-through grooves help disperse water and slush to provide dependable all-season traction.

**VARmable PITCH TREAD**
Computer-designed to provide a quiet-running tire at highway speeds.

**STANDARD LIMITED WARRANTY**

**VALUE LINE**

**T-RATED**

**THE MC-440**

**ALWAYS CONSULT AND FOLLOW THE VEHICLE MANUFACTURER REPLACEMENT TIRE RECOMMENDATIONS AND WARNINGS.** Use the information on the vehicle placard and vehicle owner's manual to identify original equipment air pressure, tire size, speed rating and load carrying capacity. Cooper Tire reserves the right to change and improve construction, materials or specifications without notice or obligation. Please refer to the back cover of this book for important tire safety considerations and recommendations.
**Approved Suv / Light Duty**

The Mastercraft Courser AXT is a true all-terrain tire that delivers a progressive 5-rib tread design, aggressive off-road capabilities, confident highway control and wear, and balanced all-season performance.

**Fitments:** Expedition, Jeep, small pick-ups and vans up to 1 ton

**Variable Full-Depth Siping**

The wide, center tread elements have an open groove design for improved tread retention by pushing gravel towards the wide, circumferential grooves for easy release.

**Wide-Angle “S” Shaped Siping**

The wide angled siping forms a continuous “S” shape to maximize the stability of each tread element. This gives the tire many sipe edges for wet and winter traction, without sacrificing the tire’s handling characteristics.

**Wide, Zig-Zag Circumferential Grooves**

The wide, zig-zag shape of the circumferential grooves provides increased soft surface and snow traction.

**Optimized Profile Shape**

A combination of the engineered tread pattern and computer optimized pitch sequence minimizes the sound vibration to deliver a quiet ride.

**Optimized Tread Pitch**

A combination of the engineered tread pattern and computer optimized pitch sequence minimizes the sound vibration to deliver a quiet ride.
STANDARD LIMITED WARRANTY
TREADWEAR PROTECTION WARRANTY
PREMIUM ALL-TERRAIN

The Mastercraft Courser AXT is a true all-terrain tire that delivers a progressive 5-rib tread design, aggressive off-road capabilities, confident highway control and wear, and balanced all-season performance.

Fitsments:
Various larger pick-ups

M+S Rated

AGGRESSIVE 5-RIB, ALL-TERRAIN TREAD DESIGN
With 12% more lateral grooves, the tread pattern of the Courser AXT was designed to tackle tough off-road terrains while providing superior on-road performance and handling.

PAIRED INTERMEDIATE TREAD ELEMENTS
The intermediate tread elements are tied together in pairs, with our ramp-lock design. This ramped feature helps reduce stone retention by pushing gravel towards the wide, circumferential grooves for easy release.

STONE EJECTOR RIBS
Stone ejector ribs in the base of the outer circumferential grooves help reduce stone retention that can lead to tire damage caused by stone drilling.

ASYMMETRIC ANGLES ON TREAD BLOCK WALLS
The asymmetric angles on the circumferential groove walls reduce the chance of stone retention by easily releasing stones.

RAMPED CENTER TREAD ELEMENT WALLS
The ramped walls of the center tread elements create an asymmetric design in the groove walls to reduce the chance of stone retention.

WIDE, ZIG-ZAG CIRCUMFERENTIAL GROOVES
The wide, zig-zag shape of the circumferential grooves provides increased soft surface and snow traction.

STEPPED CORNERS IN CIRCUMFERENTIAL GROOVES
While the zig-zag shape of the circumferential groove provides increased soft surface and snow traction, the corners can be areas where stones traditionally could get trapped. The stepped corner feature significantly reduces the chance of stones lodging in these corners.

AGGRESSIVE BUTTRESS / SHOULDER DESIGN
The buttress design with alternating shoulder scallops gives the Courser AXT an aggressive look and increases the off-road traction of the tire.

TOUGH SHOULDER DESIGN
The continuous band of rubber in the upper shoulder area of the tire and aligned shoulder ribs provide extra abrasion resistance when in rough off-road environments.

COURSER AXr
LIGHT TRUCK BLACK SIDEWALL AND OUTLINE WHITE LETTER

ALWAYS CONSULT AND FOLLOW THE VEHICLE MANUFACTURER REPLACEMENT TIRE RECOMMENDATIONS AND WARNINGS. Use the information on the vehicle placard and vehicle owner's manual to identify original equipment air pressure, tire size, speed rating and load carrying capacity. Cooper Tire reserves the right to change and improve construction, materials or specifications without notice or obligation. Please refer to the back cover of this book for important tire safety considerations and recommendations.
MODERN TREAD AND COMPOUND DESIGN

The design of the tread and silica-infused tread compound leads to a better balance of all-weather performance. Treadwear is improved through this feature.

VENTLESS MOLDING

The use of ventless molds improves the overall appearance of the Courser HSX™.

OPTIMIZED WATER CHANNELS

Wide water channels allow water to be evacuated away from the tread area reducing the potential for hydroplaning and improves handling in adverse weather conditions.

R-TECH™ CONSTRUCTION

R-Tech construction is sidewall construction feature that improves responsiveness in all driving conditions. The tire responds more quickly to driver input.

MODERN TREAD AND COMPOUND DESIGN

The design of the tread and silica-infused tread compound leads to a better balance of all-weather performance. Treadwear is also improved through this feature.

INCREASED BITING EDGES

Smaller tread elements and increased siping provide improved wet/winter handling performance.

SCS TECHNOLOGY™

Stability Control Siping utilizes 3-D sipes to stabilize tread elements providing enhanced handling in wet and dry conditions. Also, contributes to more even treadwear throughout the life of the tire.

OPTIMIZED WATER CHANNELS

Wide water channels allow water to be evacuated away from the tread area reducing the potential for hydroplaning and improves handling in adverse weather conditions.

R-TECH™ CONSTRUCTION

R-Tech construction is sidewall construction feature that improves responsiveness in all driving conditions. The tire responds more quickly to driver input.

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The design of the tread and silica-infused tread compound leads to a better balance of all-weather performance. Treadwear is also improved through this feature.

VENTLESS MOLDING

The use of ventless molds improves the overall appearance of the Courser HSX™.

OPTIMIZED TREAD PITCH SEQUENCE

The unique size and positioning of the tread elements minimizes the noise that could migrate into the vehicle cabin, improving overall ride comfort.

The unique size and positioning of the tread elements minimizes the noise that could migrate into the vehicle cabin, improving overall ride comfort.

WIDE, LATERAL SHOULDER GROOVES

Speeds the ability of the Courser HSX™ to move water away from the tire, reducing the potential for hydroplaning.

INCREASED BITING EDGES

Smaller tread elements and increased siping provide improved wet/winter handling performance.

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**PREMIUM LIMITED WARRANTY**

**HIGHWAY TOURING**

The COURSER HTR is a highway touring O.E. replacement line. This tire was designed for ride comfort, all-season traction with an attractive warranty.

**Fitments:**

- Excursion, Denali, Nitro, various pick-ups and vans
- up to 1 ton

**UTQG**

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**RADIUSED AQUA CHANNELS**

Assists in the efficient expulsion of water from the contact patch.

**OFFSET SHOULDER SLOTS**

Enhances traction while providing a quiet ride.

**VARIABLE TREAD BLOCK PITCH SEQUENCE**

Fits a broad range of popular sports utility vehicles and light trucks.

**HIGH SIPE DENSITY**

Improves wet traction and winter performance on snow and ice.

Additionally, aids quiet ride.

**NOTCHED, SOLID CENTER RIB**

Improves steering response while reducing noise.

**SUV AND LIGHT TRUCK SIZING**

**M+S Rated**

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The Courser HTR Plus is an extension of the Courser HTR line featuring sizes for sport trucks and plus fitment sizes. This line is also well suited for those 20" O.E. replacements.

**Fitments:**
Dakota, half-ton pick-ups, Harley Ford, Plus Fitments

**UtqG**
- **Treadwear**
- **Traction**
- **Temp.**
  - 460 A B

**Optimized Tread Profile**
The slightly rounded mold profile of the Courser HTR Plus balances wet traction and long tread life.

**Rim Protector**
A rubber rim protector extends beyond the rim flange and decreases the chance of rim damage that can occur if a tire / wheel assembly scuffs a curb.

**All-Season Tread**
*See-through* grooves, wide, lateral traction slots and high sipe density provide excellent all-weather performance.

**Four, Wide Circumferential Grooves**
Offers resistance to hydroplaning, while improving snow traction.

**Standard Limited Warranty**

**Sport Truck Highway T-Rated**

**Laterally Biased Shoulder Elements**
The shoulder element design effectively conducts water evacuation away from the contact area while combating irregular wear (heel and toe wear).

**Optimized Pitch Sequence By Size**
Industry-wide, typically, the same pitch sequence is applied throughout a tire line. But the Courser HTR Plus varies the number of shoulder elements based on tire size, which reduces noise frequency, allowing a quiet ride in large diameter sizes.

**Tapered Tread**
This design feature puts deep tread in the center and slightly shallower tread in the shoulders. This puts more rubber down in the fastest wearing part of the tire, the center. The result is less weight and improved wet handling.

**All-Season Tread**
*See-through* grooves, wide, lateral traction slots and high sipe density provide excellent all-weather performance.

**Four, Wide Circumferential Grooves**
Offers resistance to hydroplaning, while improving snow traction.
The Courser A/T² and Courser A/T is an all-terrain SUV tire line. This product was designed to provide increased traction and a quiet ride without sacrificing ride comfort.

**Fitments:**
- Tahoe, Dakota, Durango

**UTQG**
- **Treadwear:** 500 A B
- **Traction:** 460 A B
- **Temp:**

**High-Density Tread Block Sipes**
Increases the effectiveness of gripping edges for dependable traction on ice, snow and wet surfaces.

**Five-Rib All-Terrain Design**
This five-rib design features a combination of lateral slots and sawtooth circumferential grooves which are wide and deep to provide solid all-terrain performance. A center rib along with a refined tread element shape and optimized pitch sequence helps provide even treadwear and reduced tread related noise. Both are extensively siped to enhance all-season traction.

**Solid Center Rib**
Improves steering response while reducing noise.

**VT²ech Optimized Tire Profile**
Using state-of-the-art VT²ech computer aided engineering, an optimum mold profile was designed to provide favorable balance of wear and handling characteristics.

**Balanced Tread Compound**
Designed to provide excellent all-weather traction and long wear. The tread compound is formulated to also provide low rolling resistance characteristics for enhanced fuel efficiency.

**Wide “Zig-Zag” Circumferential Tread Grooves**
Offers resistance to hydroplaning while improving traction on soft surfaces.

**Standard Limited Warranty**

**ALL-TERRAIN**

+ To be discontinued. Limited availability.

+ This product is produced as a Courser A/T.

**Always consult and follow the vehicle manufacturer replacement tire recommendations and warnings.**

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The Courser STR is an SUV value design with excellent all-season performance at "value tire" cost. The Courser STR has size coverage focused on today's most popular vehicles.

Fitments:
Various SUV, CUV and pickup trucks

UTQG
TREADWEAR TRACTION TEMP.
500 A B

M+S Rated

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The Courser LTR is a light truck tire providing good traction in all terrains and all seasons. The Courser LTR has the size coverage for popular light truck vehicles of yesterday and today. The Courser LTR will fit the needs of consumers looking for a tire with good all around performance that they can trust.

**Fitments:** Various pickup trucks

**M+S Rated**

**MODERN ALL-TERRAIN DESIGN**
The five-rib tread design creates a pattern of gripping edges that allows the tire to perform equally well on the road and off.

**M+S RATING**
Provides excellent year-round, all-season performance.

**WIDE FOOTPRINT / DUAL TREAD ARC**
A wider tread footprint along with a dual radius tread arc, gives this tire uniform pressure distribution across the contact patch for even wear and consistent grip.

**MODERN SIDEWALL STYLING**
Available in outline white letter and outline black letter styling in specific sizes.

**SIZING**
Contains the industry’s top range of sizes to fill the replacement requirements for the most popular pick-ups, and vans used for commercial or recreational purposes.
The Courser C/T is a premium all-purpose traction tire. The C/T’s design is hybrid of all-terrain, high-void commercial tire and commercial tire designs. This product is especially suited for high-powered, high-torque light trucks when optimal wear and traction are required.

**Fitments:**
Light trucks up to 1-ton, high-powered torque vehicles

**STUDDABLE**

The Courser C/T is a premium all-purpose traction tire. Provides excellent performance during all seasons, on- or off-road. All-weather tread compound

LARGE, DEEPY TREAD ELEMENTS

Designed for off-road applications while providing long, even wear in highway applications.

DEEP TREAD AND SCALLOPED SHOULDER DESIGN

Maximizes traction in soft surfaces.

ALL-WEATHER TREAD COMPOUND

Provides excellent performance during all seasons, on- or off-road.

**STANDARD LIMITED WARRANTY**

**PREMIUM TRACTION**

**STUDDABLE**

The Courser C/T is a premium all-purpose traction tire. Provides excellent performance during all seasons, on- or off-road. All-weather tread compound

LARGE, DEEPY TREAD ELEMENTS

Designed for off-road applications while providing long, even wear in highway applications.

DEEP TREAD AND SCALLOPED SHOULDER DESIGN

Maximizes traction in soft surfaces.

ALL-WEATHER TREAD COMPOUND

Provides excellent performance during all seasons, on- or off-road.

**OPTIMIZED TREAD PROFILE**

Distributes contact evenly across the tread for balanced wear.

**BEVELED TREADBLOCK EDGES**

Fights irregular wear and improves self-cleaning capabilties.

**STAGGERED TREAD ELEMENTS**

Breaks up harmonic pitch, significantly reducing tire noise.

**PINNED FOR STUDS**

Self-cleaning tread features holes for metal traction studs.
The Courser MT is a premium high-void and off-road light truck traction tire. This design is offered in a large range of sizes from commercial vehicles, pick-ups and SUV, off-road and high floatation sizes.

**Fitments:**
- Off-Road or rugged-use pick-ups

**High-void Traction Tread**
Substantial deep shoulder and center lugs resist abrasion and enhance off-road traction and treadwear.

**Aggressive Tread Butress Treatment**
Enhances soft surface and rut traction while adding to rugged good looks.

**Alternating Scalloped Shoulder Lugs**
Augment self-cleaning ability and ensure that the tread has a clear shot at the ground for added mud traction.

**Computer-Optimized Tread**
Off-set tread grooves and tread element pitch sizes help reduce tire noise below what is traditionally expected from a hi-void tire.

**Solid, Blocky Tread Design**
Resists uneven wear and provides exceptional dry braking capability.

**Stud Pin Capability**
For consumers in climates that require increased winter traction performance.

**Standard Limited Warranty**
Premium High-void

**Studdable**

**Material & Item & Sdwl.**
Approved Rim Widths
Max PSI
Sdwl. Single
Max Load Dual
Max Load Overall
Diam.
Sect. Width
Tread Width
Dual Spec.
Rev.
Per Mile
Tread Depth
32
nds
Stud Size
TSM
Ship Wt.
lbs
UPC

**Cooper Tire Consumer Relations Department**
Please refer to the back cover of this book for important tire safety considerations and recommendations.
The Courser R/D is a premium all-season light truck tire especially for drivers of work and commercial vehicles where tire rotations are infrequent. The R/D is also suitable as a companion tire used on steer axles of vehicles using traction tires on drive axles.

**Fitments:**
Commercial or work style vans and pick-up trucks

**Five-Rib Tread Design**
Five-rib tread design helps this radial deliver excellent directional control for great handling and dependable highway driving.

**Aggressive Rib Elements**
Three center ribs with strategically placed cross slots combine with four wide circumferential grooves to help channel away water and slush for continuous road contact during wet highway driving.

**SOLID SHOULDERS**
Solid shoulder design helps to promote a balanced treadwear pattern throughout the tire life in both free rolling and drive axle positions.

**RUGGED BLACK SIDEWALL**
Designed for commercial use, our easy to clean black sidewalls require a minimum of care for busy truck owners.

**M+S Rated**

**STANDARD LIMITED WARRANTY**

**HIGHWAY RIB COMMERCIAL USE**

**TIRE SIZE, LOAD RANGE & SERVICE DESCRIPTION**

| Material # | Item # | Color | Tire Size, Load Range & Service Description | Max Load | Max PSI | Max Load | Max PSI | Overall Diam. | Sidewall Width | Tread Width | Dual Width | Dual Spc. | Rev. Per Mile | Tread Depth 32nds | Ship Wt. lbs | UPC |
|------------|--------|-------|---------------------------------------------|----------|---------|----------|---------|--------------|---------------|------------|------------|----------|-----------|----------------|------------------|-------------|------|
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If the dual max load and spacing is not noted here, please call the Cooper Tire Consumer Relations Department for a proper fitment recommendation.

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The Glacier-Grip II is a premium studgable winter passenger tire. This design is for drivers looking for excellent traction on snow and ice without sacrificing performance in dry or all-weather conditions.

**Fitments:**
Various passenger cars, SUV, CUVs and smaller pick-ups

**High Traction Tread Design**
The intricate tread pattern balances winter traction and a smooth, quiet ride. The deep lateral and notched circumferential grooves provide excellent evacuation of water and slush from the tread contact patch.

**IB-12 (Ice-Biter) Enhanced Stud Technology**
Provides an optimal combination of design, quantity and closeness of stud holes. Studs are strategically located along 12 distinct paths across the tread contact patch to allow each row a clean bite at the road surface.

**Tri-Polymer Blend Tread Compound**
Specially formulated for excellent winter traction while maintaining wet and dry performance and treadwear.

**“D Squared” Sipe Technology**
Incorporates a dense zig-zag sipe pattern that further enhances winter performance while maintaining excellent wet traction. Variable sipe depth maintains element stability while optimizing winter performance.

**Computer-Optimized Random Pitch Sequence**
The tread pitch sequence has been computer-optimized to reduce tread related tire noise for increased riding comfort.

**Stylized Sidewalls**
Reversible black sidewall option offers a stylized sidewall on one side and a smooth sidewall with standard lettering on the reverse.

**Sierra-Manic Traction (SMT) Technology**
 sourcing from the hard snow and slush for better traction and control.

**OEM 2013**
For optimum safe and satisfactory performance, winter tires should be used in sets of four.

**Always Consult and Follow the Vehicle Manufacturer Replacement Tire Recommendations and Warnings**
Use the information on the vehicle placard and vehicle owner's manual to identify original equipment tire size, speed rating and load carrying capacity. Cooper Tires reserves the right to change and improve construction, materials or specifications without notice or obligation. Please refer to the back cover of this book for important tire safety considerations and recommendations.
The Course MSR is a premium winter SUV and light truck tire designed for drivers seeking excellent traction on snow or ice. Mastercraft snow tires are pinned for studs where studded tires are not prohibited by state laws.

**Fillets:**
- Larger SUV and pick-ups

**HIGH TRACTION TREAD DESIGN**
The intricate tread pattern balances winter traction and a smooth, quiet ride. The deep lateral and notched circumferential grooves provide excellent evacuation of water and slush from the tread contact patch.

**PATENTED "SNOW GROOVE" DESIGN TECHNOLOGY**
Provides biting edges for excellent snow and ice traction while maintaining wet and dry performance and treadwear.

**"D SQUARED" SIPE TECHNOLOGY**
Incorporates a dense zig-zag sipe pattern that further enhances winter performance while maintaining excellent wet traction. Variable sipe depth maintains element stability while optimizing winter performance.

**TRI-POLYMER BLEND TREAD COMPOUND**
Specially formulated for excellent winter traction while maintaining wet and dry performance and treadwear.

**STUDDED PERFORMANCE**
The stud fillet design improves stud retention and the stud pattern has been increased allowing for the use of a greater number of studs for better traction on ice. The stud size is conveniently molded into the sidewall for easy reference.

**STANDARD LIMITED WARRANTY**
**SEVERE WEATHER RATED**
**STUDDED**

**M+S Rated**

**Load**

*New sizes will be available winter season 2013.*

For optimum safe and satisfactory performance, winter tires should be used in sets of four. Only new tires should be fitted with studs. On vehicles with front wheel drive, adverse handling characteristics can be introduced by mounting studded winter tires on front wheels only. Studded tires can be sold for use only where use is not prohibited by law. If the dual max load and spacing is not noted here, please call the Cooper Tire Consumer Relations Department for a proper fitting recommendation.

**ALWAYS CONSULT AND FOLLOW THE VEHICLE MANUFACTURER REPLACEMENT TIRE RECOMMENDATIONS AND WARNINGS.** Use the information on the vehicle placard and vehicle owner’s manual to identify original equipment tire pressure, tire size, speed rating and load carrying capacity. Cooper Tire reserves the right to change and improve construction, materials or specifications without notice or obligation. Please refer to the back cover of this book for important tire safety considerations and recommendations.