

One of the reasons for Eagle's success is its ability to produce grades that work in applications where the competitor products can't. At Eagle we never give up with our quest for better, more "user friendly" grades. Because this process of refining grades is very expensive and takes years of testing and customer feedback, we regard our formulations as being pretty much a trade secret.

Below you will find our simplified application recommendations for Eagle's standard grades. As always our technical staff is on hand to answer any questions you may have.

**Saw tip grades...starting with the hardest.**

All Eagle grades are compatible with industry standards.

**RX3D (This grade comparable to industry C4+)** Available in metric and some non-metric sizes; call for availability. This is one of the hardest micrograin grades available anywhere. Perfect for particle board and man made laminates where impact is not a factor. Its performance in glue line situations is unparalleled. It can be a demanding grade to braze due to its very high hardness. Use of trimetal shim is highly recommended when brazing RX3D.

**RK01S (This grade comparable to industry C4)** Still our most popular micrograin grade and is available from stock for most secondary wood application. Superb on man made materials, plywood, MDF, and laminates. Its slightly lower hardness compared to RX3D makes it more forgiving to braze and grind. However, care should be taken, and use of trimetal shim will reduce chances of failure due to heat stress.

**RK10 (This grade comparable to industry C3)** This is one of the best all-purpose secondary wood grades anywhere, and our most popular. Available from stock in all secondary saw tip sizes, this grade will run all day in light to medium impact situations. It brazes and grinds with ease, yet gives amazing performance as far as life and durability are concerned. If you are having breakage problems with other people's C3, try RK10.

**RK25 (This grade comparable to industry C2)** This is our general purpose grade. Stocked in both secondary and primary size tips, this grade is to be used when your customer needs a saw that is required to run different species from one day to the other. Can be used by saw mills in the summer time where tip life is important and impact is not severe.

**RK35 (This grade comparable to industry C1)** The unbeatable old favorite of saw mills everywhere. RK35 is the grade to use for all hardworking sawmill operations. RK35 is available from stock in all the popular primary wood and lumber tips. Giving good tip life combined with high impact characteristics, this grade just keeps on running in all but the most severe winter conditions.

**RK45** Super tough edger grade for green lumber. This virtually unbreakable grade is designed for torch brazing and high stress cutting conditions such as frozen wood, small nails, rocks and other foreign objects.

**EZ55** For Nail Cutting. This is the toughest grade you will find. We developed EZ55 in response to requests for a carbide saw tip that would hold up in the pallet recycling industry and yet be brazeable and economical to buy. Available in certain special sizes used for pallet saws, this grade will braze very easily and cut through pallet nails as if they weren't there.