



Kadee® Quality Products Co.
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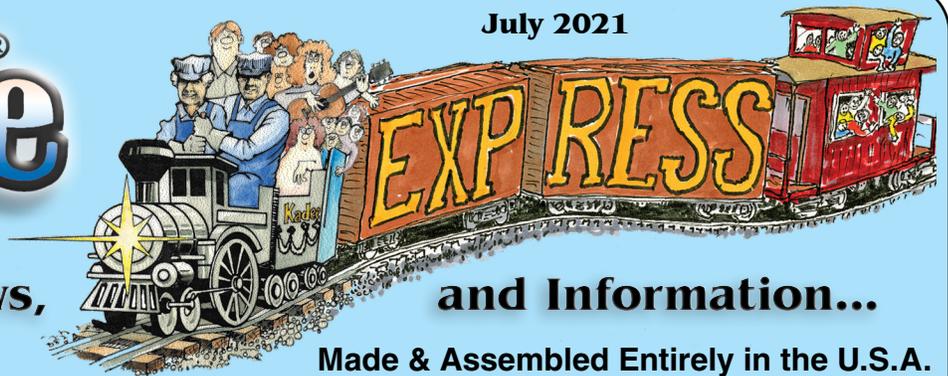
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The Coupler People®



The Coupler People®

July 2021



New Products, News,

and Information...

Made & Assembled Entirely in the U.S.A.

Celebrate our 75th Anniversary with us!

Key Chains

75th Anniversary Key Chains

in your choice of three colors



Gold



Copper



Pewter

#1000-1... \$4.25 each

SALE PRICE

LIMITED AVAILABILITY



Made in the U.S.A.



July 2021 New Rolling Stock!

Kadee® prides itself in creating and manufacturing premium "RTR" rolling stock as close to scale & detail as possible. Model railroaders can expect only the best quality & craftsmanship with every Kadee® quality product. Nothing stacks up to the accuracy, detail, quality, & authenticity of Kadee® Cars over all other "RTR" cars on the market.



Made & Assembled
Entirely in the U.S.A.



HO-Scale Ready-to-Run Rolling Stock



NEW

4330 MEC #6730\$38.95

Main Central
Lot: 5877 - Series: 6500-6749
BLT. 1947 - Factory New
Boxcar Red



75th Anniversary Car



NEW

6927 KDC #027\$42.95

KDC 75th Anniversary Car
BLT. 2021
Silver & Blue



**Celebrate 75
years of Kadee® with our
75th Anniversary boxcar**



Kadee 75th Anniversary Spiker

NEW & IMPROVED BODY

twin "Rail Spiker"



Gen. 3.0

Special 75th Anniversary Edition

PROVIDES THE FASTEST AND MOST ACCURATE professional rail spiking in only 1/10th of the time.
SPIKES THE RAIL ON BOTH SIDES at once with speed, uniformity, accuracy, and economy.
IMPROVES APPEARANCE and running quality of your roadbed.
IDEAL for TRUSCALE roadbed, individual wood, plastic pre-cored, or pre-punched fiber ties.
EXCLUSIVE PATENTED PROCESS especially designed for spiking rails to ties and roadbed.

The Twin Rail Spiker Gen 3 uses the same quality internal parts as the original. Easily convertible for use on different codes of track with available accessories.

- Billet 2-piece aluminum body
- Anodized in brilliant gold
- Improved fitment on the track
- Stronger and tougher than the original



Kadee[®] *twin "Rail Spiker"*

Available in code 70, code 83 or code 100

- #700-75-70 (code 70) 75th Anniversary Edition
- #700-75-83 (code 83) 75th Anniversary Edition
- #700-75-100 (code 100) 75th Anniversary Edition

LIMITED AVAILABILITY
\$499.99

Contains: One factory assembled twin "Rail Spiker" (code 70, 83 or 100) spikes included.

Retail only product.

Current In-Stock HO-Scale "RTR" Freight Cars

070621

40' PS-1 Boxcars



4132 CGW #5464\$42.95



4330 MEC #6730\$38.95



4836 CIL #855\$41.95

50' PS-1 Boxcars



6415 BN #318976\$39.95



6927 KDC #027\$42.95

50-ton AAR "Standard" Open Bay Hopper



7523 RDG #87255\$43.95



7524 ATSF #78231\$42.95

2003 CU FT. PS-2 Hopper



8047 SOO #6870\$42.95

ACF 11,000 Gallon Insulated Tank Car



9018 RTCX #4886\$45.95



9019 SMCX #111\$45.95



9020 SILX #101\$45.95

Undecorated Cars

4000	40' PS-1 Boxcar	.....	\$36.99
5199	40' PS-1 Boxcar	.....	\$36.99
5200	40' PS-1 Boxcar	.....	\$36.99
6000	50' PS-1 Boxcar	.....	\$36.99
7001	Open Bay Hopper	.....	\$41.99
7002	Open Bay Hopper	.....	\$41.99
7501	Open Bay Hopper	.....	\$41.99
8001	Covered Hopper	.....	\$41.99
8601	Covered Hopper	.....	\$41.99



Sam's Corner

This series is to help answer the many questions about Kadee® products and to provide "Helpful Hints" to modelers using our products.

Sam the Answer Man will only be available after 1 to 4 p.m. PST Mon-Thu to answer your Kadee® related questions or e-mail him at mail@kadee.com
Sometime this year Sam will be retiring.

Sam the Answer Man: #173 July 2021 "Kadee® 75th Anniversary"

As I mentioned last month this year we'd like you to join us in celebrating our 75th Anniversary. Kadee® has been officially in business since 1946 and that's when we first introduced our standard head HO scale couplers. The standard head size of coupler has been in production since then 75 years. There was a "trend" in the early 1990s for more scale fidelity in HO models. Sometime in the mid 1990s we introduce our scale size #58 coupler which was closer to an actual HO scale coupler, not quite but close. Some dimensions are according to the design need for function first of an HO coupler.

If you look at drawings or a real Type "E" coupler and note the height of the knuckle is 11" tall. If you measure the height of the knuckle of an HO coupler and multiply it by 87 (HO scale) you'll see what the actual size of coupler it would represent compared to a real 11" coupler. $11" \div 87 = .126"$ in HO scale.

Our scale head coupler measures about $.135" \times 87 = 11.7"$ pretty close to scale.

Our standard head coupler measures $.154" \times 87 = 13.4"$ a bit over sized but still the standard size commonly used in HO modeling.

You can do this in any scale you model, Z, N, HO, S, O, and large scale (G scale) which include, several actual scale sizes from 1:32 up to 1:20.3. Also generally speaking narrow gauge couplers are about 3/4 the size of standard gauge couplers.

Now a bit of information about our O scale couplers and mounting them.

All of our O scale couplers are "Scale Size Couplers" not the oversize three rail, high rail, lobster claw couplers. We do not make the oversize type of couplers, which are actually close to 1:32 scale size rather than actual "O" scale 1:48 size. We have two coupler head styles original style (like the #805) and newer 700 series AAR Type E new generation couplers. The newer 700 series have a hidden knuckle spring and a much more prototypical detailed coupler head than the older original style. There's no real performance difference except the original style will couple to most of the oversize couplers where the 700 series will not.

Our O scale couplers are designed to be "body mounted" not truck mounted like most three rail couplers. If your models are not equipped with a body mounted coupler pad like MTH and some newer Lionel models then it's a matter of custom fitting our couplers to the under body of your model. This might require some trimming and fitting, and shimming to the correct coupler height depending on how the model is constructed and how the under-frame is detailed. All "but" the short #806 and #743 use the same style of draft gear box made of plastic or metal and all of them including the #806 and #743 have the same screw hole pattern that's made for a #2 screw like a 2-56. The actual center to front measurement of the short #806 and #743 are the same as our our medium center set couplers, the back of their boxes are shorter for fitting in a limited space, like MTH diesel locomotives.

It's basically a matter of mounting the couplers at the correct height (11/16") (from the top of the rail to the center of the coupler head). Using our #812 O scale coupler height gauge will be a great help and make things easier.

We don't have a coupler conversion list for O scale as we do for HO and G scales. Most conversions are custom mounting on the under body using basic coupler mounting methods.

Sam the Answer Man will only be available after 1 to 4 p.m. PST Mon-Thu to answer your Kadee® related questions or e-mail him at mail@kadee.com

⚠ WARNING: Cancer and Reproductive Harm - www.p65warnings.ca.gov

⚠ WARNING: CHOKING HAZARD - Small Parts - Not for children under 14 years.

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Lettering similar to cars shown *Subject to change without notice.