

Most of the below listings have conversion drawing and instructions on our web site at www.kadee.com/hocc.htm

Newer models that have factory installed knuckle couplers are easily converted by using our standard head #148 or scale head #158 Whisker® Couplers. Always check the coupler heights with either our #205 or newer #206 Coupler Height Gauge.

This coupler conversion list is our suggested starting coupler for the conversion. (Typically requiring the least modification to a model utilizing our newest couplers even though other couplers also work for the model). Our conversion's based on only one model from a production run, there may be inconsistencies in a model's production run that require a different coupler or model modifications to achieve the proper coupler height for coupler function.

ACCURAIL

All Rolling Stock.....NO.5® or 148

AHM (RIVAROSSI)

STEAM

0-4-0 Dockside.....(Early model) 34 Pilot, 31 Rear
0-4-0 Dockside.....(Late model) 34 Pilot, 34 Rear
0-4-0 Switcher w/Tender.....37
0-8-0 Switcher.....38 Pilot, NO.5® or 148 Tender
2-4-0 Bowker (Tender only).....34
2-8-4 Berkshire.....34 Pilot, 26 Tender
2-10-2 Santa Fe Class.....38
2-8-8-2 USRA Mallet.....33 Pilot, 27 Tender
4-4-0 Genoa or Reno (Tender only).....34
4-6-0 Casey Jones (Tender only).....37
4-6-2 Heavy Pacific.....33 Pilot, 27 Tender
4-6-4 J3a Hudson.....Pilot 28, NO.5® or 148 Tender
4-6-6-4 Challenger.....33 Pilot, 27 Tender
4-8-8-2 Cab Forward (Early model).....34
4-8-8-2 Cab Forward (Late model).....Pilot 33
Tender 27
4-8-8-4 Big Boy.....33 Pilot, 27 Tender
Heisler (2 & 3 truck).....BM 32, TM 21

DIESEL

Alco C424.....31
Alco RS-2.....NO.5® or 148
EMD BL-2.....NO.5® or 148
EMD E-8/9.....27 Pilot, 24 Rear
EMD GP-18.....21
EMD SD-40.....153 or 148
Fairbanks Morse 'C' Liner.....31 Pilot, 37 Rear
GE 1000.....modified 20 NEM 362
GE U25C.....38
GG1.....37
Krauss/Maffi.....NO.5® or 148
Plymouth MDT Switcher.....27
Whitcomb Switcher.....38

ROLLING STOCK

All Freight Cars - Talgo trucks.....37 TM
All Freight Cars-Body mount).....NO.5® or 148
Old Time Freight Cars.....NO.5® or 148
Old Time 4-Wheel Pass. Trucks.....508
4-Wheel Pass. Trucks.....508
6-Wheel Pass. Trucks.....505
Tavern Lounge or Observation.....
Truck Mnt. as above.....Dummy Cuplr End 38

NOTE:

1. See "Rivarossi" for post 1993 models.
2. Most late model RTR European Locos and Rolling Stock come equipped with "NEM" style couplers. Kadee® offers HO-Scale NEM-362 Couplers in four different lengths.....17, 18, 19 & 20

A-LINE (Proto Power West)

All Rolling Stock.....NO.5® or 148

ALCO (Brass)

All Imports.....NO.5® or 148

AMBROID

All Rolling Stock Kits.....NO.5® or 148

AMERICAN BEAUTY

All Rolling Stock.....NO.5® or 148

AMERICAN FLYER (Gilbert)

All Rolling Stock.....27 in 5 box

AMERICAN MODEL BUILDERS, INC.

All Passenger Car Kits.....NO.5® or 148

AMERICAN TRAIN & TRACK - ATT

DIESEL

Alco 415.....NO.5® or 148 TM
Plymouth MDT Switcher.....27

ROLLING STOCK

All Freight Cars (Generic).....37 TM
Box Car & Reefers.....NO.5® or 148
Flat Car, 3 Container.....NO.5® or 148
Coach, Old Time.....27

ARISTO - CRAFT

STEAM

All Steam Locomotives (Generic).....NO.5® or 148

ATHEARN

STEAM

0-4-2 T "Little Monster".....NO.5® or 148
0-6-0 Switcher with Tender.....NO.5® or 148
4-6-2 Pacific.....NO.5® or 148

DIESEL

Alco PA-1 & Alco PB-1.....27 or 37
AMD 103 P 40 and P 42.....27
Baldwin S-12.....27
Budd RDC.....37 Metal Body, 21 Plastic Body
EMD CF7.....NO.5® or 148
EMD DD40X.....38
EMD F-7A & B (Rubberband drive).....31
EMD F-7A & B (Gear drive).....37
EMD F-45.....38
EMD FP-45.....38
EMD GP-9.....38
EMD GP-30.....38
EMD GP-35.....32
EMD GP-38-2.....37
EMD GP-40-2.....38
EMD GP-50.....38
EMD GP-50 Phase II.....38
EMD GP-60.....38
EMD SD-9.....38
EMD SD-35.....37
EMD SDP-40.....37
EMD SD-40-2.....37
EMD SD-40-2 Snoot nose.....NO.5® or 148
EMD SD-40T-2.....37
EMD SD-45.....37
EMD SW-7.....NO.5® or 148
EMD SW-7, Calf.....NO.5® or 148
EMD SW-1000.....(Late) 38, (Early) 37
EMD SW-1500.....(Late) 38, (Early) NO.5® or 148
FM H 24-66 (Trainmaster).....37
GE Dash 9-44CW.....27 or 28
GE U28B.....37
GE U28C.....38
GE U30B.....37
GE U30C.....38
GE U33C.....38
GE U33B.....37
GE AC 4400.....28
Hustler.....NO.5® or 148

ROLLING STOCK

Freight Cars-Generic (Metal/wood).....148 with 213 sleeve
Box Car 86' Hi-Cube.....27 or 147
Caboose ATSF type.....27 or 147
Caboose Bay Window.....27 or 147
Caboose Extended Vision.....27 or 147
Container Well Car.....27 or 147
Flat Car 86'.....27 or 147
Husky Stack Gunderson GWF-10.....27 or 147
ImpackEnd Car or Unit.....22 or 142
Stock Car.....27 or 147
Tank Car, 62'.....27 or 147
TOFC, 86'.....27 or 147
Other Rolling Stock.....NO.5® or 148
Work Caboose on Flat.....27 or 147
Passenger Car Heavyweight.....NO.5® or 148
Passenger Car Streamlined.....NO.5® or 148
Pass Car Streamlined Observation.....22 or 142 TM
Passenger Car Streamlined Diner.....NO.5® or 148

ATHEARN "GENESIS"

STEAM

USRA 2-8-2 Lt. Mikado (road pilot).....
.....36 Pilot, NO.5® or 148 Tender
USRA 2-8-2 Lt. Mikado (step pilot).....
.....34 Pilot, NO.5® or 148 Tender
4-6-2 Pacific.....36 Pilot, NO.5® or 148 Tender
4-8-2 Mt-4.....NO.5® or 148
4-8-4 FEF.....NO.5® or 148
4-6-6-4 Challenger.....NO.5® or 148
4-8-8-4 Big Boy.....148 or 158 both ends
.....Closer Coupling 153
4-8-8-4 Challenger.....148 or 158 both ends
.....Closer Coupling 153

DIESEL

EMD DDA40X.....NO.5® or 148
EMD F2.....NO.5® or 148
EMD F3.....NO.5® or 148
EMD F3 "A" (old).....36 pilot 38 rear
EMD F3 "B" (old).....38 both ends
EMD F7.....NO.5® or 148
EMD F7 "A" (old).....36 pilot 38 rear
EMD F7 "B" (old).....38 both ends
EMD F9.....NO.5® or 148
EMD F9 "A" (old).....36 pilot 38 rear
EMD F9 "B" (old).....38 both ends
EMD F45.....NO.5® or 148
EMD FP45.....NO.5® or 148
EMD GP15-1.....NO.5® or 148
EMD GP15T.....NO.5® or 148
EMD GP18.....NO.5® or 148
EMD GP38-2.....NO.5® or 148
EMD GP39-2.....NO.5® or 148
EMD GP39X.....NO.5® or 148
EMD GP40-2.....NO.5® or 148
EMD GP49.....NO.5® or 148
EMD GP50.....NO.5® or 148
EMD GP7.....NO.5® or 148
EMD GP9.....NO.5® or 148
EMD MP15AC Switcher.....NO.5® or 148
EMD SD45-2.....NO.5® or 148
EMD SD60E GEN 2.0.....NO.5® or 148
EMD SD60I.....NO.5® or 148
EMD SD60M.....NO.5® or 148
EMD SD70.....NO.5® or 148
EMD SD70 (old).....28 use 26 w/plow
EMD SD70I.....NO.5® or 148
EMD SD70I (old).....28 use 26 w/plow
EMD SD70M.....NO.5® or 148
EMD SD70M (old).....28 use 26 w/plow
EMD SD70M-2.....NO.5® or 148
EMD SD70MAC.....NO.5® or 148
EMD SD75I.....NO.5® or 148
EMD SD75I (old).....28 use 26 w/plow
EMD SD75M.....NO.5® or 148
EMD SD75M (old).....28 use 26 w/plow
EMD SD80MAC GEN2.0.....NO.5® or 148
EMD SD90MAC-H GEN2.0.....NO.5® or 148
EMD SDP40F GEN2.0.....NO.5® or 148
EMD SDP45.....NO.5® or 148
GE AMD103/P42DC.....NO.5® or 148
GE Dash 9-44CW.....NO.5® or 148
GE ES44AC GEVO.....NO.5® or 148
GE ES44DC GEVO.....NO.5® or 148
GE Slab Side Turbine.....NO.5® or 148
GE U50.....NO.5® or 148
SD-70ACU.....NO.5® or 148

ROLLING STOCK

Auto-Max.....22 or 142
5161 cu ft Trinity Hopper.....178
Other Rolling Stock.....NO.5® or 148

KADEE® HO-SCALE COUPLER CONVERSION LIST

STEWART HOBBIES INC.	
DIESEL	
ALCO C-628 "Century".....	26 or 146
ALCO C-630 "Century".....	26 or 146
ALCO RS-3.....	NO.5® or 148
Baldwin AS-16.....	22
Baldwin VO-1000.....	NO.5® or 148
EMD FT A & B (Pilot and Rear of B).....	NO.5® or 148
(Between A & B).....	35
EMD F-3 A & B.....	450
EMD F-7 A & B.....	450
EMD F-7 A & B (new production).....	35 Pilot, 5/58 Rear
EMD F-9 A & B Units.....	35 Pilot, 5/58 Rear
GE U25B.....	NO.5® or 148
ROLLING STOCK	
All Rolling Stock.....	NO.5® or 148
SUNSET MODELS (Brass)	
See Manufacturers Instructions.....	NO.5® or 148
SUNSHINE MODELS	
All Rolling Stock Kits.....	NO.5® or 148
SUYDAM BRASS (JAPAN) Interurban	
Street Cars.....	26 with 454
SYLVAN	
All Rolling Stock (w/Kadee Trucks).....	NO.5® or 148
THREE BROTHERS (HOLGATE REYNOLDS)	
Passenger Cars.....	NO.5® or 148
TENSHODO (Brass)	
See Manufacturers Instructions.....	NO.5® or 148
TICHY TRAIN GROUP	
All Rolling Stock.....	NO.5® or 148
TIGER VALLEY	
All Diesels.....	NO.5® or 148
TRAIN-MASTER	
All Rolling Stock.....	NO.5® or 148
TRAIN MINIATURES	
DIESEL	
Alco FA-1.....	36 Pilot, 38 Rear
Alco FB-1.....	38
TRAIN STATION PRODUCTS	
Hi- Level Passenger Car.....	NO.5® or 148
TRIX	
NOTE: Most late model RTR European Locos and Rolling Stock come equipped with "NEM" style couplers. Kadee® also offers HO-Scale NEM-362 Couplers in four different lengths..... 17, 18, 19, & 20 Kadee® also offers HO-Scale NEM-363 Couplers in four different lengths..... 51, 52, 53, & 54	
STEAM	
2-8-2 USRA Mikado.....	33 or 178 Pilot, 17 or 18 Tender
4-8-8-4 Big Boy.....	18
Class 043.....	18
Class 130.....	18
Class 17.....	18
Class 44.....	18
Class 95.0.....	18
Heavy Steam Freight Loco with Tub-Style Tender ..	18
DIESEL	
Class 212.....	18
Class 648.2.....	18
Class 66.....	18
Class 77.....	18
Class Diesel.....	18
Class G 2000 BB Vossloh.....	18
Class MV.....	18
Class T44 Heavy.....	18
Class V 142.....	18
Diesel Locomotive.....	18
ELECTRIC LOCOMOTIVES	
Class 102.....	18
Class 1189.....	18
Class 120.0.....	18
Class 140.....	18
Class 170.....	18
Class 185.....	18
Class 193.....	18
Class 194.....	18
Class 254.....	18
Class 380.....	18
Class 381.....	18
Class 421.....	18
Class 465.....	18
Class Be 4/6.....	18
Class Ce 6/8 I.....	18
Class E 18.....	18

TRIX- Continued	
Class E 483.....	18
Class EB 3200.....	18
Class Fc 2x3/4.....	18
Class Re 4/4 II.....	18
Class Re 420.....	18
Class Re 460.....	18
Class Re 620.....	18
POWERED RAIL CARS	
Class 412/812 ICE 4.....	18
Class RAe 4/8.....	18
Class Z 161.....	18
TGV Euroduplex.....	18
ROLLING STOCK	
All Rolling Stock.....	17
PASSENGER CARS	
All Passenger Cars.....	17
TRU-SCALE	
All Rolling Stock.....	NO.5® or 148
TYCO	
STEAM	
0-4-0 Booster.....	37 Pilot, NO.5® or 148 Tender
0-6-0 Little Six.....	37 Pilot, NO.5® or 148 Tender
0-6-0 Big Six.....	37
0-8-0 Chattanooga.....	NO.5® or 148 Pilot, 27 TM Tender
2-6-2 Prairie.....	37
2-8-2 Mikado.....	38
4-4-0 General (Tender only).....	NO.5® or 148
4-6-2 Pacific.....	39 Pilot, 37 Tender
DIESEL	
ALCO C-430.....	27 TM
EMD F-7 A.....	33 BM and 33 TM
EMD F-9 A & B.....	33 BM and 33 TM
EMD GP-20.....	9
GG-1 Electric.....	26 TM
Plymouth Switcher.....	NO.5® or 148
ROLLING STOCK	
Rolling Stock	
Old.....	9
New.....	27 or 28
PASSENGER CARS	
Streamlined Passenger Cars.....	NO.5® or 148
Old Time Passenger Cars.....	9
ULRICH	
All Rolling Stock, Metal.....	148 with 213 sleeve
All Rolling Stock, Wood.....	NO.5® or 148
U.S. HOBBIES, INC. (Brass)	
See Manufacturers Instructions.....	NO.5® or 148
VAN HOBBIES MODELS	
Canadian Models sold by PFM.....	NO.5® or 148
VARNY	
STEAM	
0-4-0 Dockside.....	NO.5® or 148
2-8-0 Consolidation (Old Lady).....	NO.5® or 148
4-6-0 Ten Wheeler (Casey Jones).....	NO.5® or 148
4-6-2 Pacific.....	NO.5® or 148
DIESEL	
EMD F-3.....	33
EMD F-7 A and B.....	NO.5® or 148
EMD SW-1 (NW-1).....	NO.5® or 148
ROLLING STOCK	
All Freight Cars (Metal).....	148 with 213 sleeve
All Freight Cars (Plastic).....	NO.5® or 148
Ore Car.....	37
WALTHERS	
DIESEL	
EMD SW-1 Switcher.....	NO.5® or 148
FM H 10/12-44.....	NO.5® or 148
Sperry Rail Inspection Car.....	38 rear only
ROLLING STOCK	
M.O.W. Difco Dump Car (Metal Chassis).....	28
Jordan Spreader.....	Front 36, Rear NO.5® or 148
Other Rolling Stock.....	NO.5® or 148
PASSENGER CARS	
Amfleet Passenger Car.....	NO.5® or 148
Budd-Built Pass.Cars.....	26 or 146
Horizon Commuter Pass. Car.....	NO.5®, 148 or 451
Superliner Pass. Car.....	NO.5®, 148 or 146 or 451
WALTHERS PROTO™	
See Life-Like® Proto 1000 and Life-Like® Proto 2000.	
DIESEL	
EMD F7A.....	NO.5® or 148
EMD F7B.....	NO.5® or 148
EMD FP7.....	NO.5® or 148
EMD GP7.....	NO.5® or 148
EMD GP9 Phase II.....	NO.5® or 148
EMD GP9 Phase II High Short Hood.....	NO.5® or 148
ROLLING STOCK	
All Rolling Stock.....	NO.5® or 148
PASSENGER CARS	

All Passenger Cars.....	NO.5® or 148
WALTHERS MAINLINE™	
DIESEL	
Alco PA.....	NO.5® or 148
Alco PA - PB Set.....	NO.5® or 148
EMD F40PH.....	NO.5® or 148
EMD F7 A.....	NO.5® or 148
EMD F7 A-B Set.....	NO.5® or 148
EMD GP9 Phase II with Chopped Nose ..	NO.5® or 148
EMD GP9 Phase II with High Hood.....	NO.5® or 148
EMD NW2 Phase V.....	NO.5® or 148
EMD SD70ACe.....	NO.5® or 148
EMD SW1.....	NO.5® or 148
EMD SW7.....	NO.5® or 148
GE ES44AC Evolution Series GEVO.....	NO.5® or 148
GE ES44C4 Evolution Series GEVO.....	NO.5® or 148
ROLLING STOCK	
All Rolling Stock.....	NO.5® or 148
PASSENGER CARS	
All Passenger Cars.....	NO.5® or 148
WALTHERS TRAINLINE™	
DIESEL	
Alco FA-1 and FB-1.....	NO.5® or 148
EMD F 40PH.....	28
EMD GP-9M (old).....	28
EMD GP-9M.....	NO.5® or 148
EMD GP-15-1.....	NO.5® or 148
GE Dash 8-40B.....	NO.5® or 148
ROLLING STOCK	
All Rolling Stock.....	NO.5® or 148
WALTHERS TRAINLINE™ SET	
DIESEL	
EMD GP-9M.....	28
ROLLING STOCK	
Box Car.....	29
Caboose, Extended Vision.....	27
Flat Car.....	28
Gondola.....	28
Tank Car.....	22
SETS	
Flyer Express Fast-Freight Train Set.....	NO.5® or 148
WiFlyer Express Train Set.....	NO.5® or 148
WESTERFIELD	
All Rolling Stock.....	NO.5® or 148
WESTSIDE MODEL CO. (Brass)	
See Manufacturers Instructions.....	NO.5® or 148
YANKEE CLIPPER MODELS	
All Rolling Stock Kits.....	NO.5® or 148
YE OLDE HUFF-N-PUFF	
All HO Rolling Stock Kits.....	NO.5® or 148
All HO n3 Rolling Stock Kits.....	714