



HO-SCALE COUPLER CONVERSION LIST 3-23-16

Most of the below listings have conversion drawing and instructions on our web site at www.kadee.com/conv/ho.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
 Heislser (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

Models with factory installed knuckle couplers are not listed below see conversion info on the top of page #1.

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

ATHEARN - Continued

Models with factory installed knuckle couplers are not listed below see conversion info on the top of page #1.

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
 ImpactEnd 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"

Models with factory installed knuckle couplers are not listed below see conversion info on the top of page #1.

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
 4-8-8-4 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 F-3, F-7 & F9 "A"..... 36 pilot 38 rear
 EMD F-3, F-7 & F9 "B"..... 38 both ends
 EMD SD-70, 701, 70M, 751, 75M.....
 28 use 26 w/plow

ATHEARN "GENESIS" - Continued

Models with factory installed knuckle couplers are not listed below see conversion info on the top of page #1.

ROLLING STOCK

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

ATHEARN "RTR"

Models with factory installed knuckle couplers are not listed below see conversion info on the top of page #1.

DIESEL

EMD CF7..... NO.5® or 148
 EMD F-7 "A" & "B"..... 33
 EMD F-59 PHI..... 38, 36 w/plow
 EMD GP 38-2..... 33 both ends
 EMD GP 60M & 60B..... 27 both ends
 EMD SD-40-2..... NO.5® or 148

ROLLING STOCK

Bombardier Coach..... NO.5® or 148
 Caboose..... NO.5® or 148

ATLAS

Models with factory installed knuckle couplers are not listed below see conversion info on the top of page #1.

DIESEL

AEM-7..... NO.5® or 148
 ALP-44..... NO.5® or 148
 Alco B-425 & 426 Century..... NO.5® or 148
 Alco C-424 Phase I and II..... NO.5® or 148
 Alco C-425..... NO.5® or 148
 Alco RS-1..... NO.5® or 148
 Alco RS-3..... NO.5® or 148
 Alco RS-11..... NO.5® or 148
 Alco RSD-4/5..... 38
 Alco RSD-12..... NO.5® or 148
 Alco S-1..... 28
 Alco S-2..... 28
 Alco S-3..... 28
 Alco S-4..... 27
 EMD F-3..... 37
 EMD F-7..... 37
 EMD FP-7 Austria..... 34
 EMD FP-7..... 38
 EMD GP-7..... 38
 EMD GP-7 New Production..... NO.5® or 148
 EMD GP-38..... 37
 EMD GP-38 New Production..... NO.5® or 148
 EMD GP-40..... 37
 EMD GP-40 New Production..... NO.5® or 148
 EMD SD-9..... 38
 EMD SD-24..... 37
 EMD SD-24 New Production..... NO.5® or 148
 EMD SD-35..... 37
 FM H15-44..... NO.5® or 148
 FM H16-44..... NO.5® or 148
 GE C 30-7..... 33 or 454 Kit
 GE U23B..... NO.5® or 148
 GE U30C..... NO.5® or 148
 GE U33/36C..... 38 or 454 Kit
 GE Dash 8-40B..... NO.5® or 148
 GE Dash 8-40C..... NO.5® or 148

ROLLING STOCK

Caboose, Extended Vision..... 27
 Other Rolling Stock..... NO.5® or 148
 Passenger Cars..... NO.5® or 148

AUTHENTICAST

All Rolling Stock.....NO.5® or 148

BACHMANN

Models with factory installed knuckle couplers are not listed below see conversion info on the top of page #1.

STEAM

0-6-0 USRA Switcher (late)..... 34 Pilot, 33 Tender
 0-6-0 USRA Switcher (newer)..... NO.5® or 148
 2-6-2 Prairie..... NO.5® or 148 ?
 2-8-0 Consolidation..... NO.5® or 148
 2-8-2 Mikado..... NO.5® or 148 ?
 2-10-4 Texas..... NO.5® or 148 ?
 4-4-0 American & Jupiter (older) (Tender only)..... NO.5® or 148
 4-4-0 American & Jupiter (newer) (Tender only)..... 33
 4-8-4 GS4 (Tender only)..... 37

DIESEL

EMD F-9..... 37

BACHMANN - Continued	
Models with factory installed knuckle couplers are not listed below see conversion info on the top of page #1.	
EMD F-45.....	37
EMD GP-18.....	28
EMD GP-40.....	37
EMD GP-50.....	37
EMD SD-40-2.....	27
GE E-60-CP Electric (Amtrak).....	38
GE U-36-B.....	37
Plymouth 35 Ton Switcher.....	37
ROLLING STOCK	
All Freight Cars (Generic).....	37 TM, NO.5® or 148
Box Car, 56' All Door.....	38
All Caboose.....	37
Crane Car (Lifting).....	27 ?
Budd 85' Coach.....	38 TM or 454
Passenger Cars 85'.....	37 or 454
BACHMANN SILVER SERIES	
Models with factory installed knuckle couplers are not listed below see conversion info on the top of page #1.	
ROLLING STOCK	
100 Ton Hopper.....	NO.5® or 148
BACHMANN PLUS	
Models with factory installed knuckle couplers are not listed below see conversion info on the top of page #1.	
STEAM	
4-8-4 GS-4 (Tender only).....	37
4-8-4 N&W J (Tender only).....	37
4-8-4 Niagara (Tender only).....	37
4-8-4 Northern (Tender only).....	37
DIESEL	
EMD F-7 A & B.....	452
EMD GP-35.....	27
EMD SD-45.....	38
GE B23-7.....	NO.5® or 148
GE B30-7.....	33
BACHMANN SPECTRUM	
Models with factory installed knuckle couplers are not listed below see conversion info on the top of page #1.	
STEAM	
0-6-0 Tank Switcher.....	NO.5® or 148
2-8-0 Consolidation.....	36 Pilot, 38 Tender
2-10-0 Russian "Decapod".....	NO.5® or 148
4-6-0 Ten Wheeler.....	22 Pilot, NO.5® or 148 Tender
4-6-2 Pacific (new).....	32 Pilot, NO.5® or 148 Tender
4-6-2 K4 Pacific.....	4 Pilot, 37 Tender
4-8-2 Mountain.....	39 Pilot, 33 Tender
Shay-Three Truck.....	NO.5® or 148
DIESEL	
EMC Gas Elec Doodlebug.....	Rear 38, NO.5® or 148
For Small Radius Track.....	454 w/31
EMD DD40AX.....	38
EMD F40PH.....	27
EMD GP-30.....	37
EMD SD-45.....	33
FM H16-44.....	34
GE 44-Tonner.....	33
GE 70-Tonner.....	21
GE 70 Ton Switcher.....	22
GE Dash 8-40C.....	37, (31 Front w/Plow)
GE Dash 8-40CW Wide Cab.....	37, (31 Front w/Plow)
ROLLING STOCK	
Observation Car.....	Front 27, Rear 27+5 box
Passenger Cars (non obs.).....	27
When running Bachmann Spectrum Passenger Cars on tight radius track use.....	454+36
1998 Production Passenger cars.....	NO.5® or 148
SET	
ACELA.....	118 on Flex Arm or 454 with 118
BALBOA / TRAINMASTERS (Brass)	
See Manufacturers Instructions.....	NO.5® or 148
BEAVER CREEK MODELS (Brass)	
See Manufacturers Instructions.....	NO.5® or 148
BOWSER	
Models with factory installed knuckle couplers are not listed below see conversion info on the top of page #1.	
STEAM	
2-8-0 Consolidation.....	NO.5® or 148
2-8-2 Mikado.....	NO.5® or 148
2-10-0 Decapod.....	NO.5® or 148
4-4-2 Atlantic.....	NO.5® or 148
4-6-2 Pacific.....	NO.5® or 148
4-8-2 Mountain.....	NO.5® or 148 ?
4-6-6-4 Challenger.....	36 Pilot, NO.5® or 148 Tender
Tenders (Penn Line).....	NO.5® or 148
T-7 Type Tender.....	NO.5® or 148
DIESEL	
FM H-16 -44 Diesel (Bowser Box).....	28
(In a Kadee Box).....	NO.5® or 148
ROLLING STOCK	
All Rolling Stock.....	NO.5® or 148
BRANCHLINE	
Models with factory installed knuckle couplers are not listed below see conversion info on the top of page #1.	
Passenger Cars (Con-Cor).....	508
Other Rolling Stock.....	NO.5® or 148
BRASS CAR SIDES	
See Manufacturers Instructions.....	NO.5® or 148

BRAWA	
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	
BROADWAY LIMITED / PRECISION SCALE MODELS	
Models with factory installed knuckle couplers are not listed below see conversion info on the top of page #1.	
STEAM	
SY 2-8-2 Mikado.....	NO.5® or 148 Pilot, 17 Tender
USRA 2-8-2 Heavy Mikado.....	33 Pilot, 23 Tender
4-6-4 Hudson.....	178 Pilot, 58 Tender
DIESEL	
(if not equipped with Kadee® Couplers).....	148 or 158
CANADIAN RAILWAY MODEL CO.	
All Freight Cars.....	NO.5® or 148
CASCADE MODELS	
Wood Chip Car.....	NO.5® or 148
C&BT	
AAR 40' box Car.....	27
C&M SHOPS	
All Rolling Stock.....	NO.5® or 148
CENTRAL VALLEY	
All Freight Cars.....	NO.5®
Passenger Cars.....	
4 Wheel Truck.....	506
6 Wheel Truck.....	507
CHALLENGER IMPORTS (Brass)	
All Rolling Stock.....	NO.5® or 148
CON-COR	
Models with factory installed knuckle couplers are not listed below see conversion info on the top of page #1.	
STEAM	
4-6-4 Hudson.....	28 Pilot, NO.5® or 148 Tender
4-8-8-4 Big Boy.....	33 Pilot, 27 Tender
DIESEL	
BUDD RDC (Plastic Body).....	21
EMD E-7A & B.....	Pilot 31, Rear 33
EMD GP-38.....	37
EMD GP-40.....	37
EMD MP-15.....	22
EMD SD-24.....	37
EMD SD-35.....	37
EMD SD-40.....	38
EMD SW-7.....	37
ROLLING STOCK	
All Freight Car Kits (Wood).....	NO.5®
Box Cars 60' Greenville.....	27
Box Cars (Empire Builder Series).....	NO.5® or 148
Box Car PS-1.....	27
Flat Car.....	NO.5® or 148
Flat Car 54'.....	NO.5® or 148
Mill Gondola 54'.....	NO.5® or 148
Hopper Greenville.....	27 ?
Covered Hopper Airslide.....	27 ?
Covered Hopper PS-2.....	38
Reefer.....	27
1890 Oldie Passenger Car.....	33
Gunderson 5 Unit Twin Stack.....	NO.5® or 148
Amtrak Mail Car (60' PD Box Car).....	NO.5® or 148
Amtrak Phase III Car.....	508 & 22
Streamlined Passenger Car.....	NO.5® or 148 BM, 37 TM
Amtrak Superliner.....	27 in 5 box
New Passenger Cars.....	
4 Wheel Trucks.....	508
6 Wheel Trucks.....	505
72' Pass. Cars w/4 Wheel Trucks.....	505
with production body mount.....	148 BM
COOPER & OSHTEMO	
All Rolling Stock.....	NO.5® or 148
COX	
DIESEL	
Hustler.....	28
ROLLING STOCK	
Freight Cars.....	NO.5® or 148
Caboose Extended Vision.....	21 TM or 32 BM
CROWN (Brass)	
See Manufacturers Instructions.....	NO.5® or 148
CUSTOM RAIL	
89' TOFC.....	NO.5® or 148
DETAIL ASSOCIATES	
All Rolling Stock.....	NO.5® or 148
DETAILS WEST	
All Rolling Stock.....	NO.5® or 148
DIAMOND SCALE MODELS	
Wood Chip Car.....	NO.5® or 148
E & B VALLEY	
Mill Gondola 65'.....	NO.5® or 148
Covered Hopper.....	22
EASTERN CAR WORKS	
All Rolling Stock.....	NO.5® or 148
All Heavy wt. Passenger Cars.....	NO.5® or 148 BM, 21 TM
All Streamlined Passenger Cars.....	22
E&C SHOPS	
ROLLING STOCK	
All Rolling Stock.....	NO.5® or 148
ENGLISH MODEL TRAINS	
DIESEL	
ALCO FA-1.....	38
ERM	
Insulated Box (Beer) Car 62'.....	26

ERTL	
All Rolling Stock.....	NO.5® or 148
EURO-MODELS IMPORTERS LTD.	
DIESEL	
EMD FP-7.....	34
Baldwin Sharknose.....	34
ROLLING STOCK	
Track Cleaning Car (Roco).....	37 BM, 21 TM
FLEISHMANN (Germany)	
DIESEL	
O-C-O Switcher (German).....	37
ROLLING STOCK	
Non-"NEM".....	39
Most Fleischmann cars and locomotives that do not have "NEM" coupler pockets will use the #39 coupler mounted on the original pin or screw hole.	
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	
FRATESCHI (E.R. MODELS)	
DIESEL	
FA-1 (Brazil).....	37
FRONT RANGE	
DIESEL	
EMD GP-9.....	NO.5® or 148
ROLLING STOCK	
Box Car 50' SD.....	NO.5® or 148
TOFC Articulated A & B ends.....	27
FUNARO AND CAMERLENGO	
All Rolling Stock.....	NO.5® or 148
GEM MODELS (Brass)	
Promotory Pass set.....	27 in 5 Box
Other Rolling Stock.....	NO.5® or 148 ?
A.C. GILBERT (American Flyer)	
All Rolling Stock.....	27 in 5 box
GLOBE MODELS	
DIESEL	
EMD F-7 A & B.....	NO.5® or 148
Rolling Stock	
Freight Cars.....	NO.5® or 148
GLOOR CRAFT MODELS	
All Rolling Stock.....	NO.5® or 148
GOULD CO.	
ROLLING STOCK	
120 Ton Wrecking Crane.....	22
Other Rolling Stock.....	NO.5® or 148
GRANDT LINE HO3	
ROLLING STOCK	
For HO3 Kits.....	714
HALLMARK (Brass)	
See Manufacturers Instructions.....	27 or 28
HERKIMER	
All Passenger Cars.....	34
HOBBYTOWN	
DIESEL	
ALCO 1600 HP RS/RSD.....	36
EMD GP-9 and GP-30 (Athearn).....	38
Chassis GP-20 (TYCO).....	38
Chassis SDP-40, SD-45.....	36
Chassis GE U-28C.....	36
IHC (Mehano)	
STEAM	
0-4-0 Dockside.....	27
0-4-0 Switcher.....	34 Pilot, 34 Tender
0-8-0 Switcher.....	NO.5® or 148
2-6-0 Mogul (Mehano).....	38 Pilot, 27 Tender
2-6-0 Mogul.....	38 Pilot, 38 or 28 TM Tender
2-6-0 Camelback Mother Hubbard.....	Pilot 26
2-8-0 Consolidation.....	Tender Talgo Type 28
2-8-2 Mikado.....	39 Pilot, NO.5® or 148 Tender
4-4-0 American.....	38 Pilot, 27 Tender
4-6-2 Pacific (Mehano).....	29 Pilot, 28 Tender
4-6-2 Pacific (Slovenia).....	38 Pilot, 27 Tender
4-6-2 Pacific.....	31 Pilot, NO.5® or 148 Tender
4-6-4 Hudson.....	36 Pilot, NO.5® or 148 Tender
4-8-2 Mountain.....	36 Pilot, NO.5® or 148 Tender
DIESEL	
ALCO C-415.....	33
ALCO C-628.....	29 TM
EMD E-8/9 A and B Units.....	26 Pilot, 27 Rear
EMD SD-35.....	23
EMD SD-40.....	22
GG-1 Electric.....	New 27 Old 37
MDT Switcher.....	31
Center Cab Switcher.....	27
SETS	
Thunder Bolt Set (Mehano) SD-40 Loco.....	22
Cars.....	28
ROLLING STOCK	
Crane Car and Boom Tender.....	28 TM or 22 BM
Log Car (Buggy).....	NO.5® or 148
Freight Cars.....	27 or 28 TM
(New) Old Time Freight Cars.....	NO.5® or 148
Heavyweight Pass Cars 6 wheel trucks.....	505
Streamlined Pass Cars 4 wheel trucks.....	508
Tavern Lounge or Observation.....	
Truck Mnt. as above.....	Dummy Cuplr End 38
Passenger Car Truck, 6 Wheel Die Cast Metal (After Market).....	505

IMWX	
Box Cars.....	NO.5 [®] or 148
INTERMOUNTAIN	
DIESEL	
EMD F-7 "A".....	26 or 146 Pilot, NO.5 [®] or 148 Rear
EMD F-7 "B".....	NO.5 [®] or 148
ROLLING STOCK	
All Freight Cars.....	NO.5 [®] or 148
J-C MODELS	
All Passenger Car Kits.....	NO.5 [®] or 148
KASINER	
All Passenger Car Kits.....	NO.5 [®] or 148
KATO (Japan)	
Models with factory installed knuckle couplers are not listed below see conversion info on the top of page #1.	
DIESEL	
Alco RS-2.....	33
Alco RSC-2.....	33
EMD GP-35.....	NO.5 [®] or 148
EMD GP-35 Phase 1A & 1C.....	NO.5 [®] or 148
EMD NW2.....	27 in 5 Box
EMD SD-40-2.....	23 rear, 28 w/plov
EMD SD-40-2 "Snoot nose".....	23 rear, 28 w/plov
SD-40.....	NO.5 [®] or 148
SD-45.....	33
SD-45 (New Production).....	NO.5 [®] or 148
SD-70 MAC.....	NO.5 [®] or 148
SD-80 MAC.....	NO.5 [®] or 148
SD-90/43 MAC.....	NO.5 [®] or 148
GE C44-9CW (Dash 9).....	38
FREIGHT CARS	
All Passenger Cars.....	451
ACF 70 TON Covered Hopper.....	NO.5 [®] or 148
KAZAN	
45' Whale Belly Tank Car With Kadee #500 Trucks.....	38
KEN KIDDER (Brass)	
STEAM	
Generic for most equipment.....	NO.5 [®] or 148
0-4-0 Tank.....	38
KEY (Brass)	
See Manufacturers Instructions.....	NO.5 [®] or 148
KEYSTONE LOCOMOTIVE WORKS	
Log Buggy.....	NO.5 [®] or 148
Climax Log Car (HON3).....	711
(HO).....	NO.5 [®] or 148
KTM-Katsumi Mokeiten	
Tender (brass).....	36
LA BELLE	
All Rolling Stock Kits.....	NO.5 [®] or 148
LACONIA	
All Rolling Stock Kits.....	NO.5 [®] or 148
LAMBERT ASSOCIATES (Brass)	
See Manufacturers Instructions.....	NO.5 [®] or 148
LBF COMPANY	
Other Rolling Stock.....	NO.5 [®] or 148
LIFE-LIKE[®]	
STEAM	
0-4-0 Old Time Tea Kettle.....	28
0-4-0 Tank (Dockside).....	27
0-4-0 Switcher.....	27
DIESEL	
EMD F-7 A.....	Pilot 37, Rear 35 or 27 TM
EMD F-7 B.....	35 or 27 TM
EMD F-40PH.....	28 TM
EMD GP-38-2.....	New 33 BM, Old 28 TM
ROLLING STOCK	
Truck Mounted Freight Cars.....	27 or 28 TM
Body Mounted Freight Cars.....	NO.5 [®] or 148
Passenger Cars.....	28 TM
Observation (Back End).....	26 TM
LIFE-LIKE[®] PROTO 1000[™] SERIES	
DIESEL	
Alco DL-109.....	NO.5 [®] or 148
Alco RS-2.....	NO.5 [®] or 148
C-Liner.....	NO.5 [®] or 148
ERIE-Built Diesel.....	NO.5 [®] or 148
.....	23 or 143 Rear For Close Coupling
F-3A.....	23 regular, 33 close
R-17 Subway Car.....	NO.5 [®] or 148
RDC Locomotive.....	NO.5 [®] or 148
Budd RDC-1.....	NO.5 [®] or 148
ROLLING STOCK	
Freight Cars.....	NO.5 [®] or 148
LIFE-LIKE[®] PROTO 2000[™] "HERITAGE"	
Models with factory installed knuckle couplers are not listed below see conversion info on the top of page #1.	
STEAM	
USRA 0-6-0 Steam Loco.....	NO.5 [®] or 148
USRA 0-8-0 Steam Loco.....	NO.5 [®] or 148
2-8-4 Berkshire.....	NO.5 [®] or 148
2-8-8-2 Mallet.....	NO.5 [®] or 148
LIFE-LIKE[®] PROTO 2000[™] SERIES	
Models with factory installed knuckle couplers are not listed below see conversion info on the top of page #1.	
DIESEL	
Alco FA-1.....	NO.5 [®] or 148
Alco FB-1.....	NO.5 [®] or 148
Alco FA-2.....	36 or 26 Front, 38 or 28 Rear
Alco FB-2.....	38 or 28

LIFE-LIKE[®] PROTO 2000[™] SERIES - Continued	
Models with factory installed knuckle couplers are not listed below see conversion info on the top of page #1.	
Alco PA and PB.....	26 Pilot 23
.....	Ends For Close Coupling 455
Alco S-1.....	NO.5 [®] or 148
EMD BL-2 Diesel.....	32 or 22
EMD E-6 A & B.....	23 For Close Coupling 455
EMD E-7 A & B.....	26 Pilot 23 Ends
EMD E-8/9 A.....	33 or 453
EMD E-8/9 (New Production).....	26 Pilot 23 Ends
.....	For Close Coupling 455
EMD GP-9.....	NO.5 [®] or 148
EMD GP-18.....	38 or 28
EMD GP-18 (New Production).....	NO.5 [®] or 148
EMD GP-20.....	NO.5 [®] or 148
EMD GP-30.....	NO.5 [®] or 148
EMD GP-38-2.....	NO.5 [®] or 148
EMD GP-60.....	NO.5 [®] or 148
EMD SD-7.....	33 or 23 CM
EMD SD-9.....	33
EMD SD-45.....	NO.5 [®] or 148
EMD SD-60.....	NO.5 [®] or 148
EMD SD-60M.....	NO.5 [®] or 148
EMD SW-600, 8, 900.....	NO.5 [®] or 148
EMD SW-9/1200.....	NO.5 [®] or 148
ROLLING STOCK	
Box Car, 50' DD Auto.....	33, NO.5 [®] or 148
Caboose.....	38
Other Freight Car Kits.....	NO.5 [®] or 148
Factory Assembled Cars (RTR).....	NO.5 [®] or 148
LIMA	
STEAM	
2-8-2 Mikado.....	37 Tender
DIESEL	
Alco C-420.....	38
LINDBERG	
DIESEL	
EMD SW-600.....	NO.5 [®] or 148
ROLLING STOCK	
Freight Cars (Plastic).....	NO.5 [®] or 148
LIONEL	
STEAM	
4-8-4 GS-4 (Tender only).....	37
DIESEL	
EMD F-7 A & B.....	34 Pilot, 38 Rear
EMD GP-9.....	?
ROLLING STOCK	
Rolling Stock.....	NO.5 [®] or 148
Passenger Cars.....	24 TM
LMB MODELS (Brass)	
See Manufacturers Instructions.....	NO.5 [®] or 148
L & W	
All Rolling Stock Kits.....	NO.5 [®] or 148
MAIN LINE	
All Rolling Stock Kits.....	NO.5 [®] or 148
MANTUA	
Models with factory installed knuckle couplers are not listed below see conversion info on the top of page #1.	
STEAM	
0-4-0 Booster.....	37
0-4-0 Camelback.....	37
0-4-0 Switcher.....	37
0-6-0 Tank Switcher.....	37
0-6-0 Little Six Switcher.....	37
0-8-0 USRA Switcher.....	27 Pilot, 37 Tender
2-6-0 Mogul.....	37
2-6-2 Prairie.....	37
2-6-6-2 Logger.....	22 Pilot, 28 Rear
2-6-6-2 Mallet.....	22 Pilot, 28 Rear
2-8-0 Consolidation.....	37
2-8-2 Mikado (Camelback).....	37
2-8-2 Mikado (Old- Pwr. in Tender).....	NO.5 [®] or 148
2-8-2 Mikado.....	38
2-8-4 Berkshire.....	37
4-4-0 American.....	31 Pilot, 37 Tender
4-4-2 Atlantic.....	33
4-6-0 Ten Wheeler (Rogers).....	31 Pilot, 37 Tender
4-6-2 Pacific.....	39 Pilot, 37 Tender
4-6-2 Pacific (Newer).....	36 Pilot, 37 Tender
4-6-4 Hudson.....	31 Pilot, 38 Tender
DIESEL	
EMD F-7A & B.....	28 TM
EMD GP-20.....	28 TM
ROLLING STOCK	
Water Car (Old Time).....	27
Other Freight Car Kits.....	38
Streamlined Pass. Car (Metal).....	28
Passenger Cars, Old Time 1860.....	27

MARKLIN	
Most Marklin Cars and locomotives that have Non-NEM coupler pockets can easily be adapted to use Kadee couplers (mostly 30 series). Contact Kadee with the type of car or locomotive and the Marklin product number.	
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.....	
DIESEL	
#83341 (3341) RC 2 SJ Elec Loco (Amtrac).....	20
ROLLING STOCK	
7205 Coupler Mounting.....	37
#49950 "Goliath" Crane w/Boom & Counter Weight Cars.....	19
MARKLIN/TRIX	
STEAM	
2-8-2 USRA Mikado.....	33 or 178 Pilot,
.....	17 or 18 Tender
4-8-8-4 Big Boy.....	18
ROLLING STOCK	
All Rolling Stock.....	17
MC KEAN	
ROLLING STOCK	
All Rolling Stock Kits.....	29
MDC-MODEL DIE CASTING CO. (ROUNDHOUSE)	
STEAM	
0-6-0 Yard Hog (Metal).....	148 with 213 sleeve
0-6-0 Switcher (Old).....	26 Pilot, 148 with 213 sleeve
Tender.....	
0-6-0 Switcher (New).....	26 Pilot, 28 Tender
2-6-0 Mogul (Old).....	26 Pilot, 148 with 213 sleeve
Tender.....	
2-6-0 Mogul (New).....	26 Pilot, 28 Tender
2-6-2 Prairie (Old).....	26 Pilot, 148 with 213 sleeve
Tender.....	
2-6-2 Prairie (New).....	26 Pilot, 28 Tender
2-8-0 Consolidation (Old).....	26 Pilot, 148 with 213 sleeve
Tender.....	
2-8-0 Consolidation (New).....	26 Pilot, 28 Tender
4-4-2 Atlantic (Old).....	26 Pilot, 148 with 213 sleeve
Tender.....	
4-4-2 Atlantic (New).....	26 Pilot, 28 Tender
4-6-0 Ten Wheeler (Old).....	26 Pilot, 148 with 213 sleeve
Tender.....	
4-6-0 Ten Wheeler (New).....	26 Pilot, 28 Tender
Climax.....	NO.5 [®] or 148
Shay.....	27
DIESEL	
Alco RS-3.....	NO.5 [®] or 148
Box Cab Diesel.....	NO.5 [®] or 148
EMD Model 40 "Crittter".....	38
Track Cleaner.....	NO.5 [®] or 148
ROLLING STOCK	
All Rolling Stock.....	NO.5 [®] or 148
All Rolling Stock (old time).....	28
Hopper, Sand (Metal).....	148 with 213 sleeve
Ore Car (Older Metal).....	37
Pullman Palace Cars.....	NO.5 [®] or 148
Harriman Passenger Cars.....	NO.5 [®] or 148
Old-Time Passenger Cars 50'.....	NO.5 [®] or 148
MEHANO (See IHC)	
MICRO-ENGINEERING	
ROLLING STOCK	
All HON3 Rolling Stock.....	714
Adapte-Railer.....	NO.5 [®] or 148
MODEL POWER	
Models with factory installed knuckle couplers are not listed below see conversion info on the top of page #1.	
STEAM	
0-4-0 Switcher.....	27
0-4-0 Shifter w/Tender.....	Pilot 38, Tender 39
2-6-0 Switcher w/Tender.....	33 Pilot, 36 Tender
2-8-0 Consolidation.....	26 Pilot, NO.5 [®] or 148 Tender
4-6-0 Casey Jones.....	26 Pilot, NO.5 [®] or 148 Tender
4-6-2 Pacific.....	38 Pilot, 27 Tender
DIESEL	
ALCO 1000 Diesel Switcher.....	19
ALCO C-430.....	28
ALCO C-628.....	25
ALCO FA-2 & FB-2.....	Front 37, Rear 27
ALCO RS-11.....	33 BM, 29 TM
Baldwin Shark Nose A & B.....	Front 37, Rear 27
EMD E-7.....	Front 36, Rear 38
EMD E-8/9.....	Front 36, Rear 38
EMD F2 A & B.....	NO.5 [®] or 148
EMD F3.....	NO.5 [®] or 148
Porter Hustler.....	28
ROLLING STOCK	
250 Ton Crane.....	36 BM
2 Pack Ore Cars.....	27 TM
32' Wood Caboose.....	23
Depressed Center Flat Car.....	36
All Freight Cars (Generic).....	NO.5 [®] or 148 BM, 28 TM
Harriman Pass/OB Car.....	28 TM
Old Time Passenger Car.....	28 TM
Streamlined Pass. Cars (Tri-Ang).....	37
Streamlined Passenger Cars.....	27 TM

MODEL EXPO (RIVAROSSI)	
All Rolling Stock see Rivarossi	
MRC	
EMD F-7	NO.5 [®] or 148
MTS IMPORTS (Brass)	
See Manufacturers Instructions NO.5 [®] or 148	
NEW ENGLAND RAIL SERVICE	
All Rolling Stock NO.5 [®] or 148	
NICKEL PLATE PRODUCTS (Brass)	
See Manufacturers Instructions NO.5 [®] or 148	
NORTHEASTERN	
All Rolling Stock NO.5 [®] or 148	
NORTHWEST SHORT LINE	
All HO Rolling Stock NO.5 [®] or 148	
All HO _{n3} Rolling Stock 714	
OVERLAND MODELS (Brass)	
See Manufacturers Instructions NO.5 [®] or 148	
PECOS RIVER BRASS (Brass)	
See Manufacturers Instructions NO.5 [®] or 148	
PENN LINE	
Midget Whitcomb Switcher 38	
See Bowser for Steam Locomotives	
PFM (Brass)	
See Manufacturers Instructions	
HO	NO.5 [®] or 148
HO _{n3}	714
PMI (LIMA)	
STEAM	
0-4-0 Switcher	27 ?
2-8-2 Mikado	38 Pilot, 27 Tender
DIESEL	
ALCO C 420	27 TM
EMD FP-45	27 with 5 Lid
ROLLING STOCK	
All Freight Cars	38
Caboose	NO.5 [®] or 148
All Passenger Cars	27 TM
PRECISION SCALE CO. (BRASS)	
All Products in HO	NO.5 [®] or 148
All Products in HO _{n3}	714
PROTO POWER WEST	
Thrall Container Car	NO.5 [®] or 148
QUALITY CRAFT MODELS	
All Rolling Stock Kits NO.5 [®] or 148	
RAIL POWER PRODUCTS	
DIESEL	
EMD 9-44CW	38 MFG
EMD CF-7	38 MFG
EMD GP60, GP60M, GP60B	5 MFG
EMD SD-38, SD-40,	38 MFG
EMD SD-45, SD-45-2,	38 MFG
EMD SD-60	38 MFG
EMD SD-60M (SD-75M)	27
EMD SD7/9	38 MFG
EMD SD-90Mac	NO.5 [®] or 148
GE DASH 8-40CW	38 MFG
GE DASH 8-40B	27
ROLLING STOCK	
Gunderson Well Car	NO.5 [®] or 148
See Manufacturers Instructions for other Kadee coupler recommendations.	
RAILWORKS (BRASS)	
See Manufacturers Instructions NO.5 [®] or 148	
RAPIDO TRAINS	
Passenger Cars NO.5 [®] or 148	
RED CABOOSE	
All Rolling Stock NO.5 [®] or 148	
REVELL	
STEAM	
0-4-0 Switcher	33
0-6-0T Switcher	33
DIESEL	
EMD SW-7	36 Front, 37 Rear
ROLLING STOCK	
All Freight Cars	NO.5 [®] or 148
RIVAROSSI (Post 1993)	
STEAM	
0-8-0 Switcher	38 Pilot, 38 Tender BM
2-6-6-6 Allegheny	NO.5 [®] or 148
2-8-2 Mikado	33
2-8-4 Berkshire	34 Pilot, 26 Tender
2-8-4 Berkshire (new production)	
	33 Pilot, NO.5 [®] or 148 Tender
2-8-8-0 and 2-8-8-2 Mallet	33 Pilot
Vanderbilt Tender	38
Non Vanderbilt Tender	27 BM
4-4-0 Amer, Inyo, Reno, Genoa	38 Tender
4-6-2 Pacific	33 Pilot, Tender NO.5 [®] or 148 BM, 31 TM
4-6-4 Hudson	28 Pilot, NO.5 [®] or 148 Tender
4-8-4 UP Northern	33 Pilot, 27 Tender
4-6-6-4 Challenger	33 Pilot, 27 Tender
4-8-8-2 Cab Forward	33 Pilot, 27 Tender
4-8-8-4 Big Boy	33 Pilot, 27 Tender
Heisler Two and Three Truck	32 BM, 21 TM
Heisler Two and Three Truck (new production)	32 BM, 31 TM
Heisler (walthers) Two and Three Truck (latest production)	NO.5 [®] or 148

RIVAROSSI (Post 1993) - Continued	
Models with factory installed knuckle couplers are not listed below see conversion info on the top of page #1.	
DIESEL	
ALCO C-420	NO.5 [®] or 148
EMD E 8/9	27 Pilot, 24 Rear
ROLLING STOCK	
Snow Plow	38 BM
Log Cars	NO.5 [®] or 148
Log Car Buggy	33 TM
Hvywt. Passenger Car, 6 Wheel	505
Streamlined Pass. Car, 4 Wheel	508
Passenger Cars with body mount	148 BM
ROCO	
LOCOMOTIVES	
4169B Locomotive	19
ROLLING STOCK	
200-Ton Crane	31
All Passenger Cars (NEM-362)	18
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	
ROLLER BEARING MODELS	
All Rolling Stock	NO.5 [®] or 148
ROUNDHOUSE (MDC)	
See MDC-Model Die Casting Co.	
RSO (MEHANO)	
DIESEL	
RSD-12	26
SAMHONGSA (BRASS)	
STEAM	
4-6-2 Pacific	4 Pilot NO.5 [®] or 148 Tender
SILVER STREAK	
All Rolling Stock	NO.5 [®] or 148
S. SOHO AND CO. (BRASS)	
See Manufacturers Instructions NO.5 [®] or 148	
STEWART HOBBIES INC.	
Models with factory installed knuckle couplers are not listed below see conversion info on the top of page #1.	
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, close coupling 450
EMD F-9 A & B Units	
	35 Pilot, 5/58 Rear, close coupling 450
GE U25B	NO.5 [®] or 148
ROLLING STOCK	
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
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-9 A & B	33 BM and 33 TM
EMD GP-20	9
GG-1 Electric	26 TM
Plymouth Switcher	NO.5 [®] or 148

TYCO - Continued	
ROLLING STOCK	
Rolling Stock	
Old	9
New	27 or 28
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	
VARNEY	
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	
Models with factory installed knuckle couplers are not listed below see conversion info on the top of page #1.	
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	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 TRAINLINE™	
Models with factory installed knuckle couplers are not listed below see conversion info on the top of page #1.	
DIESEL	
Alco FA-1 and FB-1	NO.5 [®] or 148
EMD F 40PH	28
EMD GP-9M	28
GE Dash 8-40B	NO.5 [®] or 148
WALTHERS TRAINLINE™ SET	
Models with factory installed knuckle couplers are not listed below see conversion info on the top of page #1.	
DIESEL	
EMD GP-9M	28
ROLLING STOCK	
Box Car	29
Caboose, Extended Vision	27
Flat Car	28
Gondola	28
Tank Car	22
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