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Ball Transfer Table
(H-Stand sold separately)



Ball Transfer Insert

Ball Transfer Tables

- Steel ball construction
- H-stands sold separately

Ball transfer tables have ball transfers attached to rigid frames. They allow flat-bottomed loads to roll from one place to another, reducing the effort required to move loads. Ball transfers allow loads to move in all directions, and are typically installed at the start and end of conveyor systems, or at points where loads need to change direction.

Note: The length and width of the smallest conveyed item should be at least three times the table's ball spacing dimension, and the

heaviest conveyed item must weigh less than the combined capacity of the ball transfers supporting it.

BALL TRANSFER TABLES

Tables attach to compatible medium-duty roller conveyors and stands to allow conveyed items to move in all directions at transition points.

BALL TRANSFER INSERTS

Can replace rollers in light- and medium-duty roller conveyor sections. Inserts are plates with ball transfers attached.



Overall Width	Between Frame Width	Overall Length	Load Capacity @ 5 ft. Centers	Ball Load Capacity	Item No.
Ball Transfer Tables					
3 in Ball Spacing					
12 3/4 in	10 in	2 ft	600 lb/ft	75 lb	42X844
24 3/4 in	22 in	2 ft	600 lb/ft	75 lb	3MY65
29 3/4 in	27 in	3 ft	350 lb/ft	75 lb	42X850
29 3/4 in	27 in	4 ft	350 lb/ft	75 lb	42X852
38 3/4 in	36 in	4 ft	500 lb/ft	75 lb	3MY73
4 in Ball Spacing					
12 3/4 in	10 in	1 ft	600 lb/ft	75 lb	42X843
24 3/4 in	22 in	2 ft	500 lb/ft	75 lb	42X838
24 3/4 in	22 in	3 ft	500 lb/ft	75 lb	42X839
24 3/4 in	22 in	4 ft	500 lb/ft	75 lb	42X840
29 3/4 in	27 in	3 ft	350 lb/ft	75 lb	42X851
29 3/4 in	27 in	4 ft	350 lb/ft	75 lb	42X853
38 3/4 in	36 in	4 ft	250 lb/ft	75 lb	42X841
Ball Transfer Inserts					
2 in Ball Spacing					
—	27 in	5 7/8 in	175 lb/ft	75 lb	42X855
3 in Ball Spacing					
—	10 in	5 7/8 in	—	75 lb	3MY67
—	13 in	5 7/8 in	375 lb/ft	75 lb	42X854
—	16 in	5 7/8 in	—	75 lb	3MY74
—	22 in	5 7/8 in	250 lb/ft	75 lb	3MY75
—	36 in	5 7/8 in	125 lb/ft	75 lb	3MY76
Replacement Ball Transfer					
Carbon Steel Ball with Galvanized Zinc Plated Steel Housing					
—	—	—	—	75 lb	3MY68



Countersunk Flange
1YXB2



Drop-In
1PDY2



Flange
1PDY3



Internally Threaded Pipe
2WHD1



Threaded Stud
3MY68



Ball Transfers

Replace existing ball transfers in ball transfer tables, inserts, and stands, or use to create a custom conveying installation. Mount at conveyor entrances, intersections, or exits to reduce the effort required for moving loads in warehousing, package handling, manufacturing, and distribution applications.

Countersunk Flange Style—Each has a flanged mounting plate that installs into a countersunk hole

for limited-space applications. They fasten from the front.

Drop-in Style—Designed to press-fit into drilled holes without fasteners. Low profile, for limited-space applications.

Flange Style—Each has a flanged mounting plate that fastens in place from the front.

Internally Threaded Pipe Style—Transfers mount onto externally threaded NPT pipe couplings. Commonly installed on pipe pedestals to position materials for metal-forming machinery such as shears or press breaks.

Threaded Stud Style—Each has a threaded stud that screws into a tapped hole and secures with a nut. They fasten from the back.

Ball Diameter	Ball Load Capacity	Projection	Housing Diameter	Item No.
Countersunk Flange				
Carbon Steel Ball with Black Oxide Steel Housing				
1 in	135 lb	3/8 in	1 3/8 in	38LU63
1 in	150 lb	3/8 in	1 3/8 in	2WGZ9
1 1/2 in	200 lb	3/8 in	1 3/4 in	2WGZ2
1 1/2 in	225 lb	1 1/2 in	2 in	38LU59
Carbon Steel Ball with Galvanized Zinc Plated Steel Housing				
5/8 in	20 lb	3/8 in	1 1/8 in	1YXB2
1 in	75 lb	3/8 in	1 1/2 in	1YXB7
Nylon Ball with Galvanized Zinc Plated Steel Housing				
1 in	35 lb	3/4 in	1 3/4 in	1YXB3
Stainless Steel Ball with Galvanized Zinc Plated Steel Housing				
1 in	75 lb	3/8 in	2 1/4 in	1YXB8
1 in	75 lb	3/4 in	1 3/4 in	1YXB5
Drop-In				
Carbon Steel Ball with Galvanized Zinc Plated Steel Housing				
5/8 in	33 lb	3/8 in	1 3/8 in	1PDY2
1 in	200 lb	3/8 in	1 3/4 in	1PDY9
1 3/8 in	500 lb	1/2 in	2 in	1PDY4
Stainless Steel Ball with Galvanized Zinc Plated Steel Housing				
1 3/8 in	500 lb	1/2 in	2 in	1PDY8
Flange				
Carbon Steel Ball with Black Oxide Steel Housing				
1 in	135 lb	3/4 in	1 3/8 in	38LU65
1 in	135 lb	3/4 in	1 3/8 in	38LU68

Ball Diameter	Ball Load Capacity	Projection	Housing Diameter	Item No.
1 1/2 in	180 lb	3/8 in	1 3/8 in	38LU66
1 1/2 in	225 lb	3/8 in	1 3/8 in	38LU67
Carbon Steel Ball with Galvanized Zinc Plated Steel Housing				
1 in	75 lb	3/8 in	1 1/8 in	3MY77
1 1/2 in	250 lb	1 1/8 in	2 3/8 in	1PDY3
1 1/2 in	250 lb	2 1/8 in	2 3/8 in	1YXA9 *
Nylon Ball with Galvanized Zinc Plated Steel Housing				
1 in	35 lb	3/8 in	1 1/8 in	3MY78
1 1/2 in	125 lb	1 3/8 in	2 3/8 in	1YXA6
Nylon Ball with Stainless Steel Housing				
1 in	35 lb	1 3/8 in	1 1/8 in	1YXA4
1 1/2 in	125 lb	1 3/8 in	2 3/8 in	1YXA7
Stainless Steel Ball with Galvanized Zinc Plated Steel Housing				
1 in	75 lb	1 3/8 in	1 1/8 in	1YXA5
1 1/2 in	250 lb	1 3/8 in	2 3/8 in	1YXA8
Stainless Steel Ball with Stainless Steel Housing				
1 in	75 lb	1 3/8 in	1 1/8 in	1PDY6
1 1/2 in	250 lb	1 3/8 in	2 3/8 in	1PDY7
1 1/2 in	250 lb	2 1/8 in	2 3/8 in	1YXB1 *
Flange/Threaded-Stud				
Carbon Steel Ball with Black Oxide Steel Housing				
1 1/2 in	200 lb	3/8 in	1 5/8 in	38LU69

Ball Diameter	Ball Load Capacity	Projection	Housing Diameter	Item No.
Internally Threaded Pipe				
Carbon Steel Ball with Galvanized Zinc Plated Steel Housing				
1 1/2 in	250 lb	3 1/8 in	3 in	2WHD2
Nylon Ball with Galvanized Zinc Plated Steel Housing				
1 1/2 in	125 lb	3 1/8 in	3 in	2WHD1
Threaded Stud				
Carbon Steel Ball with Black Oxide Steel Housing				
1 in	150 lb	1/2 in	1 3/8 in	38LU72
Carbon Steel Ball with Galvanized Zinc Plated Steel Housing				
5/8 in	33 lb	1/8 in	1 3/8 in	1PDY1
1 in	75 lb	1 3/8 in	1 3/4 in	3MY68
1 in	75 lb	1 3/8 in	1 3/4 in	1PVZ7
1 in	200 lb	1/2 in	1 1/8 in	1PDX7
1 1/2 in	250 lb	2 3/8 in	2 3/8 in	1YXA2
1 1/2 in	250 lb	2 3/8 in	2 3/8 in	1YXA3 *
Nylon Ball with Galvanized Zinc Plated Steel Housing				
5/8 in	17 lb	1/8 in	1 3/8 in	1YVZ3
1 in	35 lb	1 3/8 in	1 3/4 in	1PDY9
1 in	35 lb	1 3/8 in	1 3/4 in	1YVZ5
1 in	100 lb	1 1/4 in	1 3/8 in	1YXA1
Nylon Ball with Stainless Steel Housing				
1 in	35 lb	1 3/8 in	1 3/4 in	1YVZ4
Stainless Steel Ball with Galvanized Zinc Plated Steel Housing				
1 in	75 lb	1 3/8 in	1 3/4 in	1YVZ8
Stainless Steel Ball with Stainless Steel Housing				
1 in	75 lb	1 3/8 in	1 3/4 in	1YVZ9

* Includes cushion.