

MATERIAL HANDLING

Roller Conveyor Accessories

Scan. Order. Done.
Details on page A1.



USDI

Conveyor Roller Bearings

Replace worn or damaged bearings to repair seized rollers and prevent conveyor downtime or malfunction. Sealed bearings prevent dirt and moisture from causing damage and malfunction in wet, humid, dirty, or hot conditions. Close-tolerance bearings fit tighter than general purpose bearings to spin more freely and at higher speeds.

For Axle	Bearing OD	Flange Outside Dia.	Overall Width	Bearing Load Rating	Item No.
Close-Tolerance Conveyor Roller Bearings					
3/8 in Hex	1.5 in	1 1/2 in	1/2 in	175 lb	22FA90
1/2 in Hex	1.5 in	1 1/2 in	1 1/4 in	175 lb	22FA94
3/4 in Hex	2 in	2 1/8 in	3/4 in	240 lb	22FA96
General Purpose Conveyor Roller Bearings					
1/4 in Hex	0.878 in	1 1/4 in	3/8 in	40 lb	22FA33
3/8 in Hex	0.908 in	1 in	7/8 in	35 lb	22FA31
1/2 in Hex	1.277 in	1 3/8 in	5/8 in	47 lb	22FA39
3/8 in Hex	0.908 in	1 in	7/8 in	35 lb	22FA32
1/2 in Hex	1.502 in	1 3/8 in	3/4 in	145 lb	22FA45
3/8 in Hex	1.703 in	1 7/8 in	1/2 in	140 lb	22FA58
1/2 in Hex	1.753 in	1 7/8 in	5/8 in	140 lb	22FA52
3/4 in Hex	1.78 in	1 7/8 in	1/2 in	140 lb	22FA59
1/2 in Round	1.502 in	1 3/8 in	3/4 in	145 lb	22FA46
5/8 in Hex	2 in	2 1/2 in	1 in	225 lb	22FA61
1 1/8 in Hex	2.27 in	2 7/8 in	1 3/8 in	425 lb	22FA62
1 1/4 in Hex	3.066 in	—	1 1/8 in	603 lb	22FA72
Heavy-Duty Precision Conveyor Roller Bearings					
2 1/2 in Hex	2.256 in	2 1/2 in	1 1/8 in	1500 lb	22FA66
1 1/2 in Hex	2.265 in	2 1/2 in	1 1/2 in	2450 lb	22FA81 *
2 1/2 in Hex	2.265 in	—	1 1/2 in	2450 lb	22FA79 *
1 1/8 in Hex	3.073 in	—	1 1/8 in	4300 lb	22FA82

* *Relube holes on inner race.*

For Axle	Bearing OD	Flange Outside Dia.	Overall Width	Bearing Load Rating	Item No.
Sealed Close-Tolerance Conveyor Roller Bearings for Harsh Environments					
3/8 in Hex	1.125 in	1 1/4 in	1/2 in	80 lb	22FA87
1/2 in Hex	1.375 in	1 1/2 in	9/16 in	140 lb	22FA89
3/4 in Hex	1.75 in	1 7/8 in	1 1/4 in	195 lb	22FA91
1/2 in Hex	1.225 in	2 1/4 in	3/4 in	330 lb	22FA93
3/8 in Hex	1.75 in	1 7/8 in	1 3/8 in	195 lb	22FA95
Sealed General Purpose Conveyor Roller Bearings for Harsh Environments					
1/2 in Hex	1.53 in	1 3/8 in	1 1/4 in	145 lb	22FA44
3/8 in Hex	1.628 in	1 3/4 in	1 1/4 in	125 lb	22FA50
1/2 in Hex	1.879 in	2 in	1 3/8 in	190 lb	22FA60
3/4 in Hex	2.26 in	2 1/2 in	1 1/8 in	1000 lb	22FA80
1/2 in Hex	2.27 in	2 7/8 in	1 3/8 in	425 lb	22FA63
3/8 in Hex	2.27 in	2 7/8 in	1 3/8 in	425 lb	22FA64
1/2 in Hex	2.27 in	2 7/8 in	1 3/8 in	425 lb	22FA65
3/8 in Hex	3.066 in	—	1 1/4 in	603 lb	22FA71
1 1/4 in Hex	3.066 in	—	1 1/4 in	603 lb	22FA74 *
3/8 in Hex	3.066 in	—	1 3/8 in	603 lb	22FA75
1 1/8 in Hex	3.066 in	—	1 3/8 in	603 lb	22FA76



42X888

Surface Mount L-Shaped Conveyor Mounting Brackets

Bolt-on, steel construction allows conveyor rollers to be mounted without a conveyor system. L-brackets are commonly used to build custom conveying racks and stands for supporting and moving materials in sawing, machining, and metalworking operations. Mounting hardware sold separately.



For Axle Shape	For Axle Size	Item No.
Round	3/4 in	42X888
Hex	5/8 in	42X889
Hex	7/8 in	42X890
Hex	1 1/8 in	42X891

Find more Conveyor Roller Cover styles at Grainger.com.



Heat Shrink Conveyor Roller Covers

Tubing shrinks with a heat gun to fit tightly over straight and tapered rollers. Protects delicate surfaces and reduces noise and vibration. Resistant to abrasion, chemicals, oils, grease, acids, chlorinated cleansers, moisture, and corrosion. Easy to clean. 49U108 and 49U109 are made from elastomer, which grips conveyed items as they pass over the roller and prevents them from slipping on the conveyor.

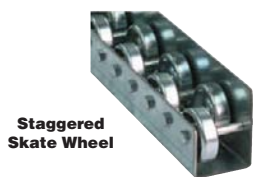


For Roller Diameter	Overall Length	I.D. Before Shrinking	I.D. After Shrinking	Roller Cover Material	Color	Item No.
Straight						
1 3/8 in	5 ft	1 1/2 in	3/4 in	PVC	Black	11A352
	5 ft	1 1/2 in	3/4 in	PVC	Orange	11A356
1 7/8 in to 2 in	5 ft	2 1/8 in	1 in	Elastomer	Black	49U108
	50 ft	2 1/8 in	1 in	Elastomer	Black	49U109
2 in	5 ft	2 1/8 in	1 in	PVC	Black	11A353
	5 ft	2 1/8 in	1 in	PVC	Orange	11A357
	5 ft	2 1/8 in	1 in	PVC	White	11C791 *
2 1/2 in	5 ft	2 3/8 in	1 1/2 in	PVC	Black	11A354
	5 ft	2 3/8 in	1 1/2 in	PVC	Orange	11A358
Tapered						
2 1/2 in	5 ft	2 3/8 in	1 1/4 in	PVC	Black	11A355
	5 ft	2 3/8 in	1 1/4 in	PVC	Orange	11A359

* *Meets FDA 21 CFR Standards for food-grade applications.*



Inline Right-Hand Flanged Skate Wheel



Staggered Skate Wheel



Ball Transfer, Flange Style



Roller Flow Rail



Flow Rails

Each straight flow rail has a single row of skate wheels, ball transfers, or rollers to guide cartons, totes, pallets, and other flat-bottomed items in conveying applications. Multiple flow rails can be installed side by side to create a flow rack, and they can also be mounted to surfaces, floors, or walls. Skate wheels attach to channel shapes or angles.

Note: Recommended 3-wheel min. under load.

Flange Side	Overall Length	Overall Width	Wheels per Ft.	Wheel Alignment	Wheel Dia.	Skate Wheel Material	Item No.
Light-Duty Controlled-Tracking Flanged Skate Wheel Flow Rails							
35 lb/ft (5 ft Supports) Max. Capacity							
Left Hand	10 ft	3 1/4 in	4	Inline	1 1/8 in	Plastic	42X990
40 lb/ft (5 ft Supports) Max. Capacity							
Left Hand	5 ft	4 7/8 in	4	Inline	2 in	Steel	42X992
Right Hand	10 ft	4 7/8 in	4	Inline	2 in	Steel	42X993
Light-Duty General Purpose Skate Wheel Flow Rails							
35 lb/ft (5 ft Supports) Max. Capacity							
—	5 ft	3 in	4	Inline	1 1/8 in	Plastic	42X985
—	10 ft	3 in	4	Inline	1 1/8 in	Plastic	42X986
195 lb/ft (5 ft Supports) Max. Capacity							
—	5 ft	2 1/4 in	4	Inline	1 1/8 in	Steel	2WG55
—	5 ft	2 1/8 in	4	Inline	1 1/8 in	Steel	2WG57
—	5 ft	2 1/4 in	8	Staggered	1 1/8 in	Steel	2WG54
—	10 ft	2 1/4 in	4	Inline	1 1/8 in	Steel	2WG59
—	10 ft	2 1/4 in	8	Staggered	1 1/8 in	Steel	2WG58
250 lb/ft (5 ft Supports) Max. Capacity							
—	5 ft	5 1/4 in	16	Staggered	1 1/8 in	Steel	42X931
—	10 ft	5 1/4 in	16	Staggered	1 1/8 in	Steel	42X930
260 lb/ft (5 ft Supports) Max. Capacity							
—	5 ft	3 3/8 in	8	Staggered	1 1/8 in	Steel	2WG56
—	10 ft	2 1/8 in	4	Inline	1 1/8 in	Steel	1PDF8
—	10 ft	3 3/8 in	8	Staggered	1 1/8 in	Steel	1PDF9

Overall Length	Overall Width	Ball Spacing	Ball Diameter	Ball Material	THREADED STUD BALL Item No.	FLANGE BALL Item No.
Light-Duty Multi-Directional Ball Transfer Flow Rails						
120 lb/ft (5 ft Supports) Max. Capacity						
5 ft	2 in	2 in	3/8 in	Steel	42X929 *	—
5 ft	2 1/2 in	6 in	1 in	Steel	2WGX8	2TVR3
5 ft	2 1/2 in	3 in	1 in	Steel	2LTZ1	2TVR2
10 ft	2 1/2 in	6 in	1 in	Steel	2WGY3	2WGY2
Overall Length	Overall Width	Roller Spacing	Roller Dia.	Roller Material	Item No.	
Heavy-Duty Roller Flow Rails						
1050 lb/ft (5 ft Supports) Max. Capacity						
5 ft	7 in	3 in	2 1/2 in	Steel	42X928	
10 ft	7 in	3 in	2 1/2 in	Steel	42X927	

* *Low profile.*