



by TOMUM

TOMUM Set of 4pcs CY-19D Bolt Type 3/4" Nylon Ball Transfer Bearing Unit Table Conveyor Roller Ball with bolt for Transmission, Furniture, Wheelchair

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Specifications for this item

Brand Name	TOMUM
Part Number	CY-19D-NL
Material Type	Carbon Steel
UNSPSC Code	24101700

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Qty: 1 ▾

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Product Features

- 1. Ball support cup is used High quality Carbon Steel, Transfer ball is used high quality Nylon
- 2. The diameter of rotated ball: 3/4", the top diameter of base: 0.91", Bolt Size:M6x14mm
- 3. N.W.: 0.11lb/pc
- 4. Static Bearing: 44.09lb / Dynamic Bearing: 55.12lb
- 5. Ball Transfer is suitable for electronics, hardware, machinery, chemical, food, forest, mining, books, supermarkets, rubber and other industries. Is widely used in transmission system, feeding system, processing system, processing machinery and packaging machinery auxiliary equipment.

Product Description

Description:

1)Ball Transfer Unit are omni-directional load-bearing spherical balls mounted inside a restraining fixture. They are identical in principle to a ball computer mouse upside-down, or a trackball, except there is an array of them side-by-side.

2)Typically the design involves a single large ball supported by smaller ball bearings.They are commonly used in an inverted ball up position where objects are quickly moved across an array of units, known as a ball transfer table, a type of conveyor system. This permits manual transfer to and from machines and between different sections of another conveyor system.

3)They are used in airports for luggage delivery, or in industry as part of manufacturing systems. Prior to the invention of the ball transfer

unit, first patented by Autaset Production Ltd in 1958, these applications were solved by the use of inverted casters. However, casters recognize a trail, meaning that the wheels had to align before directional change could be achieved. Ball transfer units can also be used non-inverted ball down position as a type of caster, however this use is restricted by load-bearing limitations and the type of floor.

4) Manufacturers have addressed this problem with ball transfer units incorporating re-circulating ball principles, however the inverted position is still the most common application and the least problematic.

How to choose a ball transfer unit?

Maximum Loading Capacity = (weight of article)/3 or 9

Maximum Spacing = (article width)/3.5; (article length)/3.5

How to arrange and install ball transfer units?

There are different arranging ways to fit for different moving requirements, different models of BTU for choosing

Package include:

4pcs x Bolt Type 3/4" Nylon Steel Ball Transfer

Product Details

Shipping Information: [View shipping rates and policies](#)

ASIN: B01MCVC1L5

Average Customer Review: [Be the first to review this item](#)

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Customer Questions & Answers

Have a question? Search for answers

Typical questions asked about products:

- Is the item durable?
- Is this item easy to use?
- What are the dimensions of this item?

Customer Reviews

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Bolt Type Ball Transfer Unit
(Stud Type)

1

\$8.65



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263

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