

# TUJ 512 Take-up cast iron housing for insert bearing, JIS



## Take-up cast iron housing for insert bearing, JIS

Take-up cast iron housings are non-split housings made of grey cast iron and are designed to provide a high degree of stiffness and accommodate heavy loads acting in different directions. These types of loads are typically encountered in conveyors, roller beds and crushers. Cast take-up housings are made of grey cast iron.

- Stiff housing
- Accommodate heavy radial loads in all directions
- Narrow width

## Overview

## Dimensions

Spherical seating diameter	110 mm
Housing overall width	60 mm

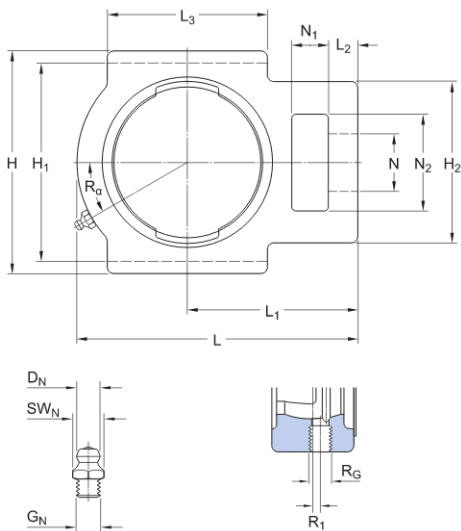
## Properties

Housing type	Take-up
Material, housing	Cast iron
Coating	Without
Relubrication hole	With
Grease fitting	With

# Technical Specification

Material

Cast iron



## Dimensions

$D_a$	110 mm	Diameter of spherical seat
A	60 mm	Overall width
$A_1$	22 mm	Width of location slot
$A_2$	44 mm	Width of flange in which location slot is provided
H	146 mm	Overall height
$H_1$	130 mm	Distance between bottoms of location slot
$H_2$	102 mm	Height of attachment end
L	186 mm	Overall length
$L_1$	118 mm	Distance from attachment end face to centre line of spherical seat diameter
$L_2$	19 mm	Length attachment end
$L_3$	100 mm	Length of locations slot
N	35 mm	Diameter of attachment bolt hole
$N_1$	32 mm	Length of attachment slot
$N_2$	63.5 mm	Height of attachment slot

## Threaded hole

$R_G$	1/4-28 UNF	Housing thread for the grease fitting
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$R_1$	5.5 mm	Axial position of the housing thread
$R_a$	30 °	Angular position of the housing thread

#### Grease fitting

$D_N$	6.5 mm	Diameter of head sphere of grease fitting
SW	7 mm	Hexagonal key size for the grease fitting
$G_N$	1/4-28 SAE-LT	Thread of the grease fitting

## Mass

Mass housing	3.1 kg
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