

TANIZAWA Personal Fall-Arrest Systems

New Japanes Ministry of Health, Labor and Welfare Standard Personal Fall-Arrest System Standard Model

The standard was revised on February 1, 2019, and a new standard was applied. Fall-Arrest Systems generally uses full body harnesses. When using a full body harness, the safety belt can only be used if the user reaches the ground in the event of a fall. (less than 6.75 m).

● How to choose a full-body harness

Select according to the shape of the back and thigh straps, and the presence or absence of a tool belt. The weight limit (body weight + equipment weight) is written on the harness itself.
 * All Tanizawa full-body harnesses have a limit of 140 kg or less.

Back shape



X type



Y type

Shape of thigh straps



Flat type



V type



Full body harness label

Thigh strap buckle



Quick connect type



Pass-through type



With tool belt (SK buckle)



With tool belt (OTII,III buckle)



Without tool belt

Strap color



HN Black



HN Blue



HN Gray

⚠ The tool belt is not a fall-arrest system device.

● How to choose a lanyard

Select according to the hook mounting position when working and the weight limit. There are two types of lanyard.

Lanyard type	Hook mounting position	Free-fall distance	Impact load	Elongation of energy absorber
Type 1	Above waist	1.8 m	less than 4.0kN	1.2 m or under
Type 2	Above waist and near heel	4.0 m	less than 6.0kN	1.75 m or under



Class 1

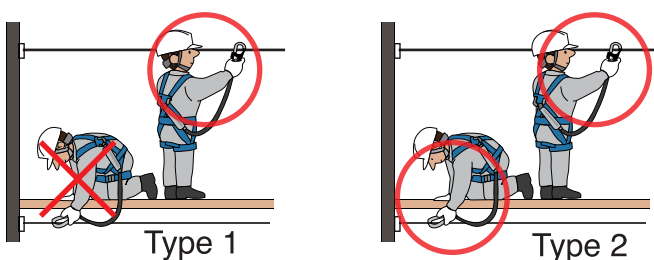
- Weight limit: 110kg
- Maximum free-fall distance: 2.3m
- Fall distance: 4.4m
- When length of lanyard is 1.7m



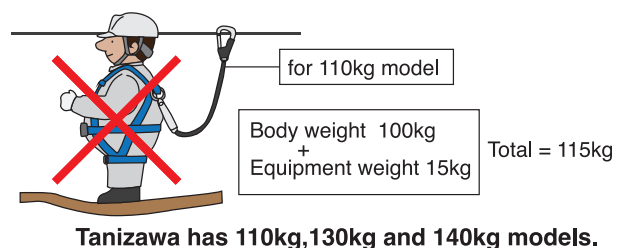
Class 2 Other labels are the same as on left

- Weight limit: 110kg
- Maximum free-fall distance: 4.0m
- Fall distance: 5.2m

Hook mounting position



Weight limit



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Features of the Full-Body Harness Made by TANIZAWA



One-size-fits-all

You don't need to worry about finding the right size. Tanizawa's full-body harness fits a variety of shapes with one size. The applicable range is 190-290 (height in cm + weight in kg). (ST#575 comes in standard & small sizes)
The end clip neatly gathers any leftover strap, and is equipped standard to all models.



End clip



Shoulder straps that follow movement

Tanizawa's full-body harness allows the shoulder straps to slide and follow the movements of the shoulders, allowing for smooth operation when working. Comfort and ease of wear have been improved, so your shoulders won't tense up so easily.



Lower strap structure

Centralizing the joints of the front and rear thigh straps to the sides allows your bottom to move more easily when you are squatting. (Without ST#574)



Sub-pelvic straps

Sub-pelvic straps prevent the thigh straps from moving up by pulling on the thigh straps during fall arrest. This reduces pressure on the inner thighs and catches any impact on the buttocks.

Understanding Product Models

Full-body harness

ST# 573A - SK
① ②

① Shape of full-body harness

Select from 571A, 572A, 573A, 574A, 574AD, 575A, 576A

② Presence of tool belt, shape

SK = With tool belt (SK buckle)
OTII = With tool belt (OTII buckle)
OTIII = With tool belt (OTIII buckle)
N = Without tool belt

Lanyard

ST#5701(130) - SG110
① ② ③ ④

③ Lanyard shape

SG = Webbing type
SGQ = Retractor type
TRG = Elastic webbing type

④ Lanyard length

No label = Standard length
110 or 130 = Non-standard length
110/160 = Twin leg lanyard of different length

① Lanyard type ② Weight limit

1 = Type 1 No label = 110kg or less
2 = Type 2 (130) = 130kg or less
 (140) = 140kg or less