



Tight Head Steel Drum

➔ Major Application

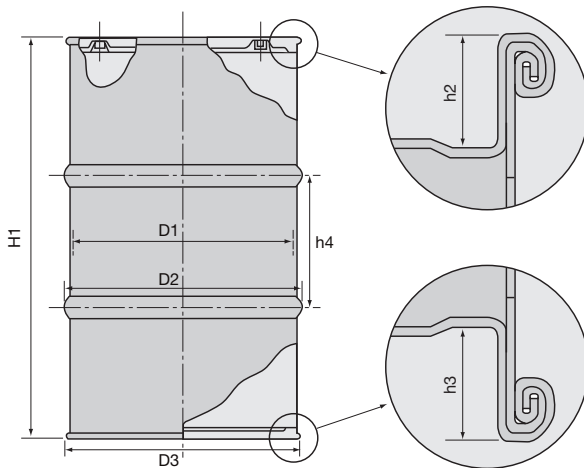
Used for chemical products of general quality, petroleum, gasoline and other liquid oils such as lubricants.

➔ Technology

- ① Triple seaming is a sturdy seaming method suited for drums containing dangerous goods.
- ② Internal cleanliness has been enhanced by the application of a full automatic production process and phosphate coating treatment system.

[Phosphate Coating Treatment]

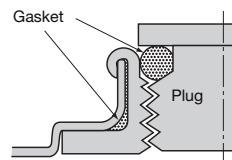
Phosphate coating treatment is applied to both internal and external surfaces of universal steel drums. Two types of phosphate coating treatment, zinc-phosphate coating and iron-phosphate, are available. Their physical properties are shown in the table below. Selection between these two should be made according to the intended use of the drums.



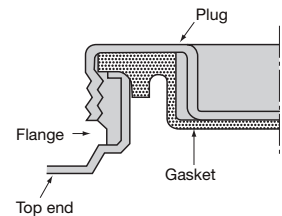
[Characteristics of Phosphate Coating]

	Zinc-phosphating	Iron-phosphating
Composition of coating layer	$Zn_3(PO_4)_2 \cdot 4H_2O$ $Zn_2Fe(PO_4)_2 \cdot 4H_2O$	$FePO_4 \cdot 2H_2O$ $\gamma-Fe_2O_3$
Structure of coating layer	Crystalline, porous	Non-crystalline
Color tone	Grayish white to gray	Interface color of yellowish gold to purple blue

Inner Thread Type Closure



Outer Thread Type Closure



■ JIS Z 1601

Class	Gauge [mm]	Internal diameter [mm]	External diameter over rolling hoops [mm]	Diameter over bottom chime [mm]	Total drum height [mm]	Depth of top	Clearance from floor [mm]	Distance between beads [mm]	Total Capacity [L]	Mass [kg] (min.)
		D1	D2	D3						
Class H	1.6	566 ±2	585 (max.)	585 (max.)	890 ±5	h2	4 (min.)	300 ±3	212 (min.)	27.5
Class M	1.2									20.5
Class LM	1.0/1.2									18.0
Class L	1.0									17.0
Class SL	0.9/1.0									15.9

Notes (a) The depth of the top shall be such that the closures and capseals/overseals do not protrude above the chime.