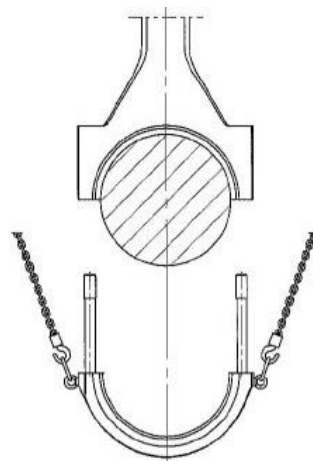


for MITSUI—MAN B&W engines, Crankpin bearing cap lifting tool		No.110	
		APPROVED	H.Sakamoto
		CHECKED	R.Shimada
		PREPARED	H.Yoshihara
ENGINE TYPE	All engines	DATE	20 July 2020
<p>The main engines manufactured by our company after May 2013, are provided with special eyebolts on cylinder bores of 70cm or less (*1), and with a lifting bracket as a standard tool on cylinder bores of 80cm or over (*1).</p> <p>(*1) Please refer to the next sections for the characteristics of each tool.</p> <p>If a general-purpose eyebolt is properly used, it will not break or drop during work. However, when opening the crankpin bearing cap, etc., we have received reports of an accident in which the eyebolt ruptured between the threaded portion and the seat surface due to improperly used eyebolts, causing the bearing cap to fall.</p> <p>Regarding the occurrence of this accident, on July 3, 2013, Service Note No. 187 provides the precautions for using eyebolts when lifting the crankpin bearing cap.</p> <p>To perform work safely and as a precautionary reminder for existing ships in service, including those manufactured by our company before May 2013 which have not been supplied with that lifting tool, we recommend that you prepare new standard tools when overhauling the crank pin bearings.</p>			
PRIORITY			
IMMEDIATELY <input type="checkbox"/>	AT FIRST OPPORTUNITY <input checked="" type="checkbox"/>	WHEN CONVENIENT <input type="checkbox"/>	OTHERS <input type="checkbox"/>



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E-mail: tech_de@mes.co.jp

ClassNK
ISO 9001


<Special eyebolts (cylinder bores of 70cm or less)> *Excluding S60ME-C10.5, G70ME-C

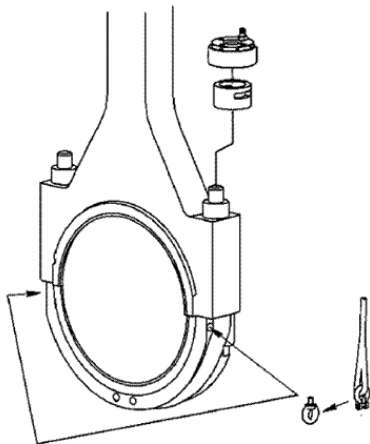
Special eyebolt

Even if the bolt is tightened and fixed in this product, only the ring part rotates 360°, it has a structure that prevents loosening of the eyebolts.

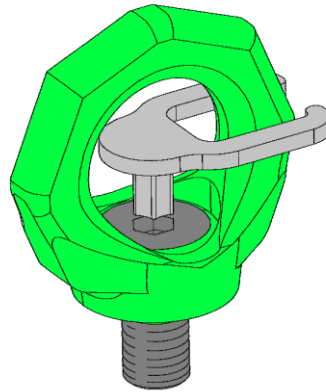
Tighten the bolts with the attached exclusive mounting key.

When lifting, be sure to remove the mounting key from the bolt before use.

*Special eyebolts we will name rotating eyebolt or star points.

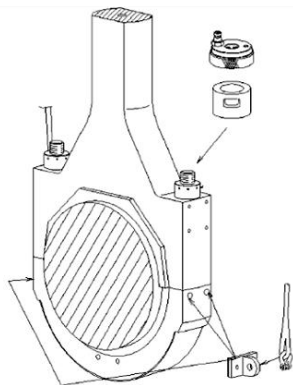


Crank pin bearing cap
Eyebolt mounting part for lifting

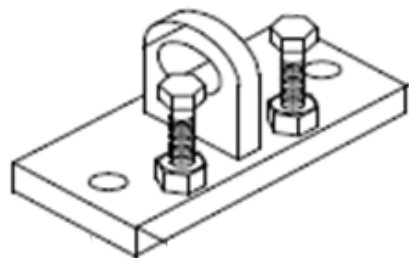


Special eyebolt

<Lifting bracket (cylinder bores of 80cm or over)> *Including S60ME-C10.5, G70ME-C



Crank pin bearing cap
Lifting bracket attachment part for lifting



Lifting bracket schematic
Tool No : 04B14

For any inquiries, please contact our sales representative with reference to Service Note No.111.