

FRONT HUB PULLER

- Designed for today's cars, this state-of-the-art puller offers broad depth and fits with the recess on any type of part.
- A sliding hammer (SH-32, sold separately) with a screw size of M18 x P2.0 is required. Various types of interchangeable joints are also available which allow you to use whatever sliding hammer you already have on hand.
- A built-in shock mechanism effectively absorbs shock when carrying out the work using the optional center bolt.

Now, front hubs on FF vehicles, rear shafts on FR vehicles, drums on compact cars, and other parts can be easily removed with a sliding hammer.



FHP-993A (for 4 holes)



FHP-993B (for 5 holes)

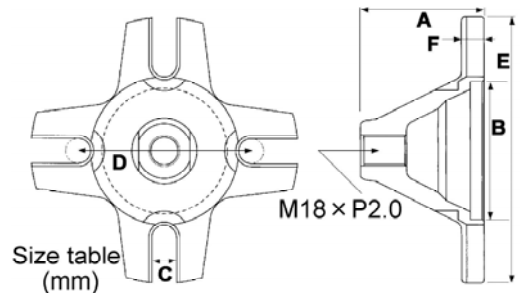
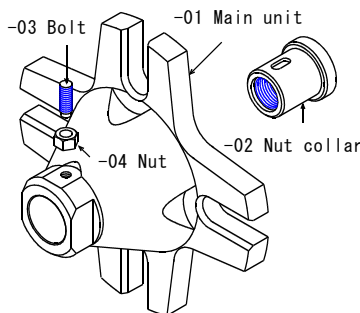
FHP-833C (for 6 holes)



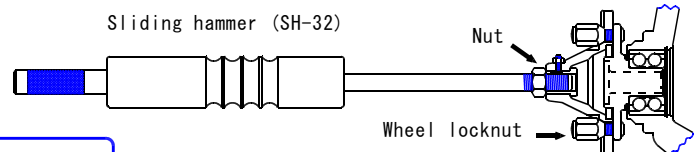
↑ Optional center bolt
FHP-993-20

Part sizes / mm

model	A	B	C	D	E	F
FHP-993A	72.0	80	14.5	100.5	155	13
FHP-993B	65.0	76	14.5	98.5	142	13
FHP-833C	75.5	110	14.5	139.0	160	15

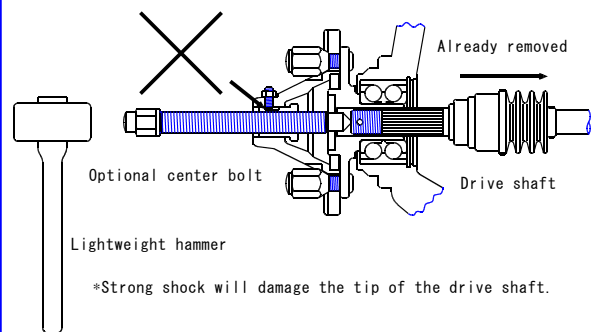


Size table (mm)



◆◆◆◆ Usage precautions ◆◆◆◆

- △ If working continuously with the sliding hammer, make sure it is secured with the nut as shown at the right, so that there is no looseness between the hammer and the puller. Also, before beginning work, check the screws and other parts for damage.
- △ When using the optional center bolt for shock work, do not use the hammer unless tension is being applied (the mating part has already been removed). This can damage the nut collar and bolt. The operating range of the shock mechanism is 6 mm.
- △ If the puller is used to push out a drive shaft that is firmly stuck in place, it can damage the screw at the tip of the drive shaft. Assume that the screw will need to be replaced, and have a replacement ready. The drive shaft cannot be guaranteed if this method is used.



MARKETING DIVISION

HASCO CO., LTD.

MANUFACTURE

HAYASHI SEIKO CO., LTD.

Issued June 2010 No.M993-E2

SALES DEPT. 3-6-45 SAKAE-CHO ASAKA-CITY SAITAMA 351-0012 JAPAN

TEL + 81-48-461-0101 FAX +81-48-461-1177