


PARTING LOCK SETS

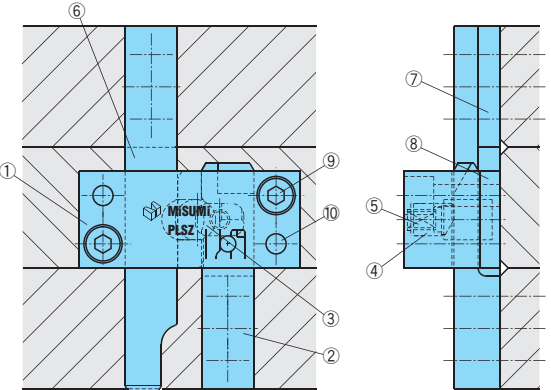
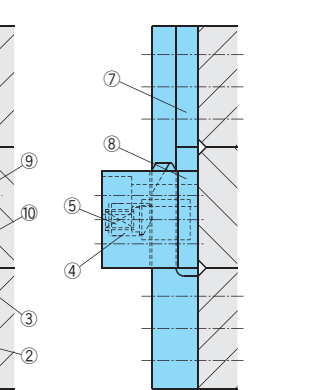
-MOLD OPENING • MOLD CLOSING CONTROL TYPE-

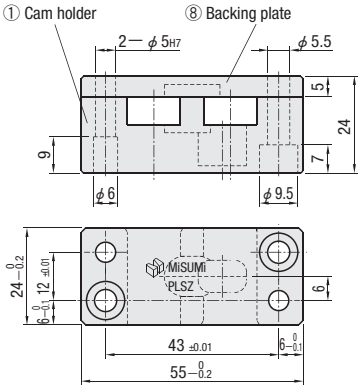


Printed in Red

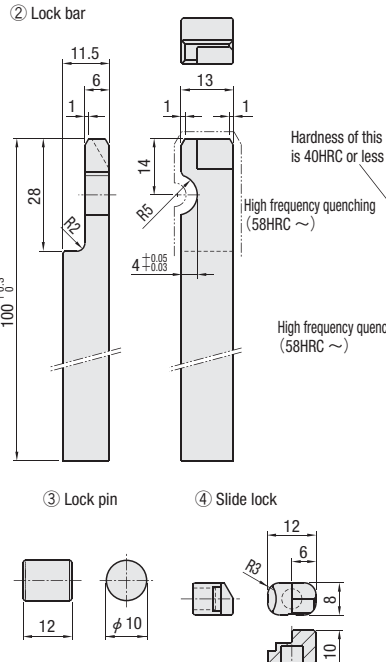
RoHS
PLSZ



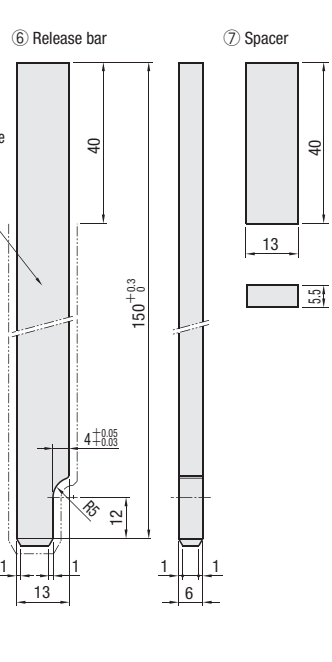





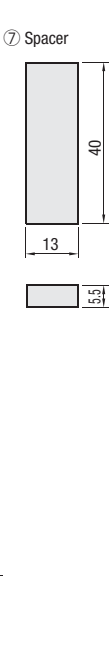
① Cam holder



② Lock bar



⑥ Release bar



⑦ Spacer

Hardness of this plane is 40HRC or less
High frequency quenching (58HRC ~)

No.	Item	Material	Hardness
①	Cam holder	SKD61	50~55HRC
②	Lock bar PRKZ	SKS3	58HRC ~
③	Lock pin	SKD11	58~60HRC
④	Slide lock PRSZ	SKD11	58~60HRC
⑤	Spring WLH5-15	SUS631	
⑥	Release bar RPLZ	SKS3	58HRC ~
⑦	Spacer	S45C	
⑧	Backing plate	SKS93	50HRC ~

Accessories: ⑨ CB5-25 (2 pcs.) ⑩ MSTM5-30 (2 pcs.)

Parting Lock Set

Components	Part Number
①~⑩ Sets	PLSZ

Order Example
Part Number
PLSZ

Delivery
SGP Stock
For area out of Singapore please refer to P.i.

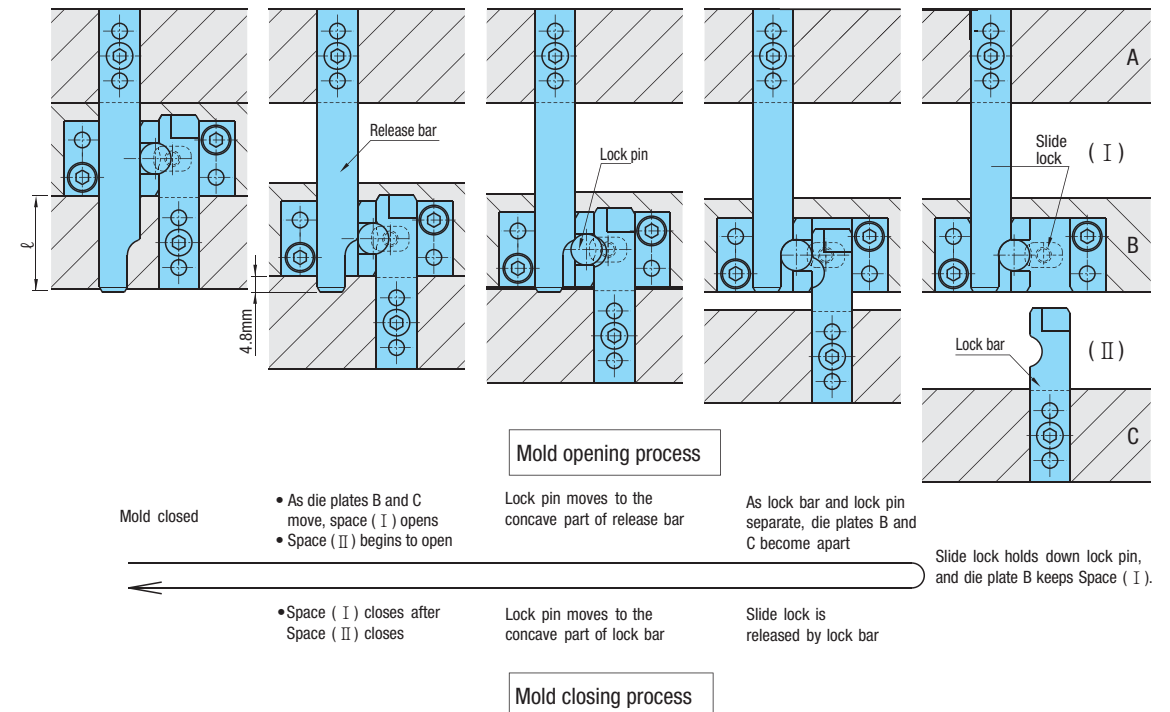
Features

- Enables mold closing control, which is impossible for conventional parting lock sets (PLS, PLSW).
- The lock bar is long, so it can also be used for thrusting out the stripper plate.
- Enables accurate mold opening and closing movement with no reaction.

Components (Single Items)

Components	Part Number
② Lock bar	PRKZ
④ Slide lock	PRSZ
⑥ Release bar	PRLZ

Consumable components-lock bars, slide locks and release bars can be purchased independently.



PLSZ operation confirmation diagram

How to mount

- Mount 2 or more parting lock sets at symmetrical positions of the mold. (1t or less for 1 mold/when mounting 2 sets)
- Form bolt holes and reamer holes using NC machining, and install the cam holder parallel to the PL face.
- Cut the lock bar to the necessary length. Form the bolt holes and reamer pilot holes, tighten the lock bar with the bolts while pulling it during mold closing, carry out position adjustment by matching with the actual part, form the dowel holes, and fix the lock bar.
- Cut the release bar to the necessary length, and install it perpendicular to the mold. Make the overhang length ℓ of each release bar the same in order to equalize the release points.
(Maintain proper alignment of the release points to avoid uneven contact and resultant breakage.)

