

# SQUARE RETAINER SETS

# RETAINER BACKING PLATES

—For heavy-load punches— (D10~25)

Type	Catalog No.	Retainer No.	Components
	For punch	For die	(1)(2)(3)(4)(5)(6)
A	SR-AP	SR-AD	RA1
	MPSR	MDSP	RA2
	SR-AN		
D	SR-FP	SR-FD	RF1
	MPDR	MDSP	RF2
E	MPSP	MDSP	
	SR-FN		

Type	Catalog No.	Retainer No.	Components
	For punch	No.	(1)(2)(3)(4)(5)(6)
A	SA-AP	YA1	
	ASAR	YA2	
	MPSP		
D	SA-AN	YA3	
	SA-FP	YF1	
E	ASFR	YF2	
	MPSP		
G	SA-FN	YF3	

① With retainers for shaped (D R E G) punches/dies, the key ⑥ is installed onto the body by means of a dowel pin.

FOR HEAVY-LOAD PUNCHES

② Equivalent to SCM440  
③ 56~60HRC  
④ Hexagon socket head cap screw (with loosening prevention treatment)

① M S45C  
S Black oxide (Fe<sub>3</sub>O<sub>4</sub>)

Retainers for round punches/dies (A) do not include a key slot or key.

Catalog No.	Type	D	D <sub>G6</sub>	A	B	d	③④⑤
SR-AP (1)(2)(3)(4)(5)	—For heavy load— SA-AP (1)(2)(3)(4)(5)	10	+0.014 +0.005	45	23	7.4	③ M10-40 ④ MSTM8-30 ⑤ MSW10
SR-FP (1)(2)(3)(4)(5)(6)	SA-FP (1)(2)(3)(4)(5)(6)	13	+0.017 +0.006	52	30	9.4	
MPSR (1)(3)(4)(5)	ASAR (1)(3)(4)(5)	16	+0.020 +0.007	56	34	11.6	
MPDR (1)(3)(4)(5)(6)	ASFR (1)(3)(4)(5)(6)	20				13.6	
MPSP (2)	MPSP (2)	25				17.6	
SR-AN (1)	SA-AN (1)	(32)	+0.025 +0.009	65	43	21.6	
SR-FN (1)(6)	SA-FN (1)(6)	(38)				27.6	
③ (32) and (38) specifications for heavy load are not available. (Specifications for heavy load are limited to D10~25.)							

Order **Catalog No.**  
SR-AP 25  
KY-DR 20

Days to Ship **Quotation**

Price **Quotation**

RoHS BPC (for punch) ❗ Cannot be used for button die retainers.

\* See the table below for the applicable retainers.

Equivalent to SCM440  
56~60HRC (Depth 1 mm)

A	B	C	E	F	G	H	J	R	d <sub>1</sub>	d <sub>2</sub>	Catalog No.		T	Base unit price 1~9 pieces	
											Type	No.			
37	20	21	35	20	10	9	29	9.5	6.2	10	BPC	6 7 8 9 10	Quotation		
43	26	23	38		13	11	32	12							
44	24	26	40		16	12	34	14							
48	28	27	42		18	14	36	17							
50	30	30	46		21	17	39	19.5							
54		33	48		23	20	42	23							
58		35	52		26	23	46	26							
64	34	38	56		26	27	50	29.5						10.2	14

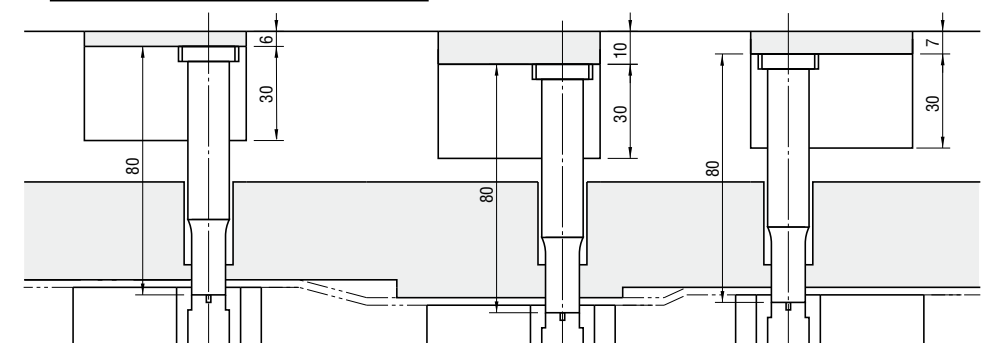
Order **Catalog No.** — **T**  
BPC 10 — 10

Days to Ship **Quotation**

Price **Quotation**

Example

Retainer	Catalog No. (retainer unit)
For NC machining	HDP-AN
For NC machining	HDP-FN
For heavy-load punches	HAP-AN
For heavy-load punches	HAP-FN
For NC machining	DP-AN
For NC machining	DP-FN
For edge-matching machining	CP-AN
For edge-matching machining	CP-FN
For NC machining	AP-AN
For heavy-load punches	AP-FN
For edge-matching machining	FP-AN
For heavy-load punches	FP-FN



- Features
- ① Allows punch lengths to be unified, reducing maintenance costs.
  - ② Height can be adjusted during die adjustments or after punch regrinding.