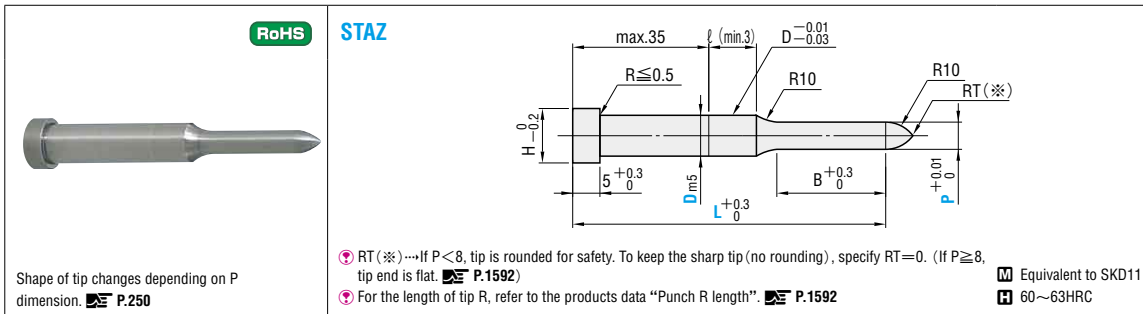


PILOT PUNCHES

—FIXED TIP DIAMETER—



Shape of tip changes depending on P dimension. **P.250**

RT (*): If $P < 8$, tip is rounded for safety. To keep the sharp tip (no rounding), specify $RT=0$. (If $P \geq 8$, tip end is flat. **P.1592**)
 For the length of tip R, refer to the products data "Punch R length". **P.1592**
 Equivalent to SKD11
 60~63HRC

Catalog No.		L	P	B	H	Base unit price 1~9 pieces	
Type	D						
STAZ	3	(42) 52 62 72	1.5 2.0 2.5	15	5	Quotation	
	4		2.0 2.5 3.0 3.5		7		
	5		3.0 3.5 4.0 4.5		8		
	6	4.0 4.5 5.0 5.5	9				
	8	52 62 72 82	6.0 7.0		21		11
	10	8.0 9.0	13				

L(42) → B=10 If full length is (42), tip length B is 10mm.

Order Catalog No. — L — P — (RT=0)
 STAZ 6 — 62 — P4.5 — RT0
 STAZ10 — 72 — P8.0
 (RT=0) only can be selected. (Can be used with P<8.)

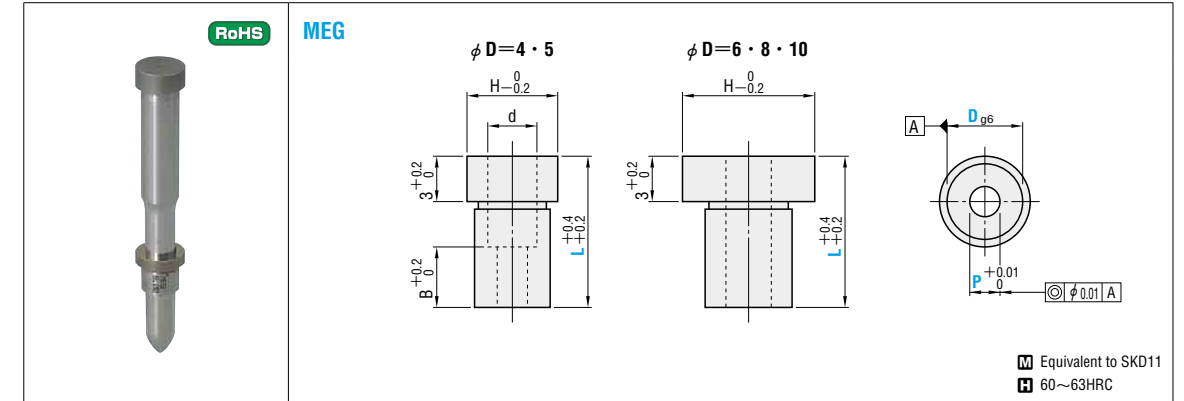
Days to Ship Quotation

Price Quotation

Alterations Catalog No. — L — P — (HC·TC, etc.)
 STAZ 6 — 62 — P4.5 — TC4.0

Alteration	Code	Spec.	1Code
Alterations to tip	RLC	Tip R is cut flat. $2 \leq RLC < Y < 8$ $Y = \sqrt{P(10-P/4)}$ 0.1mm increments	
Alterations to head	HC	Head diameter change $D \leq HC < H$ 0.1mm increments	Quotation
	TC	Head thickness change $2 \leq TC < 5$ 0.1mm increments Full length L is shortened by $(5-TC)$.	
	KC	Addition of single key flat to head	
	WKC	Addition of double key flats in parallel	
Shank	NDC	No press-in lead $l \geq 3 \Rightarrow l=0$	

PILOT EJECTOR BUSHINGS



Equivalent to SKD11
 60~63HRC

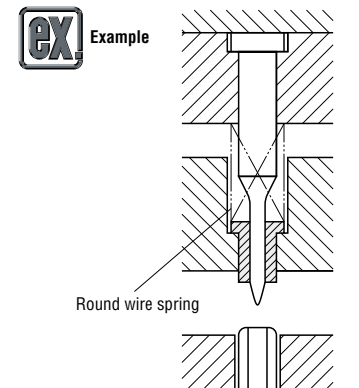
Catalog No.		L	0.01mm increments min. P max.	B	d	H	Base unit price 1~9 pieces
Type	D						
MEG	4	10	1.00 ~ 2.00	2	2.4	5	Quotation
	5		1.00 ~ 3.00	4	3.2	6	
	6		2.50 ~ 4.00	10	—	9	
	8		3.00 ~ 6.00			11	
	10		5.00 ~ 8.00			13	

Order Catalog No. — L — P
 MEG 5 — 10 — P2.00

Days to Ship Quotation

Price Quotation

Alterations Catalog No. — L — P — (HC·PKC·PC)
 MEG 5 — 10 — P2.00 — PKC



- When punching a thin material with progressive dies, the pilot ejector bushing prevents the material from biting into the pilot punch.
- Round wire coil spring **P.1405**

Alteration	Code	Spec.	1Code
Alterations to guide	PKC	Tip diameter tolerance change $P +0.01 \Rightarrow +0.005$ $0 \Rightarrow 0$	Quotation
Alterations to guide	PC	Guide diameter change $2.5 \leq PC < P$ 0.01mm increments Cannot be used for D4~6.	
Alterations to head	HC	Head diameter change $D \leq HC < H$ 0.1mm increments	