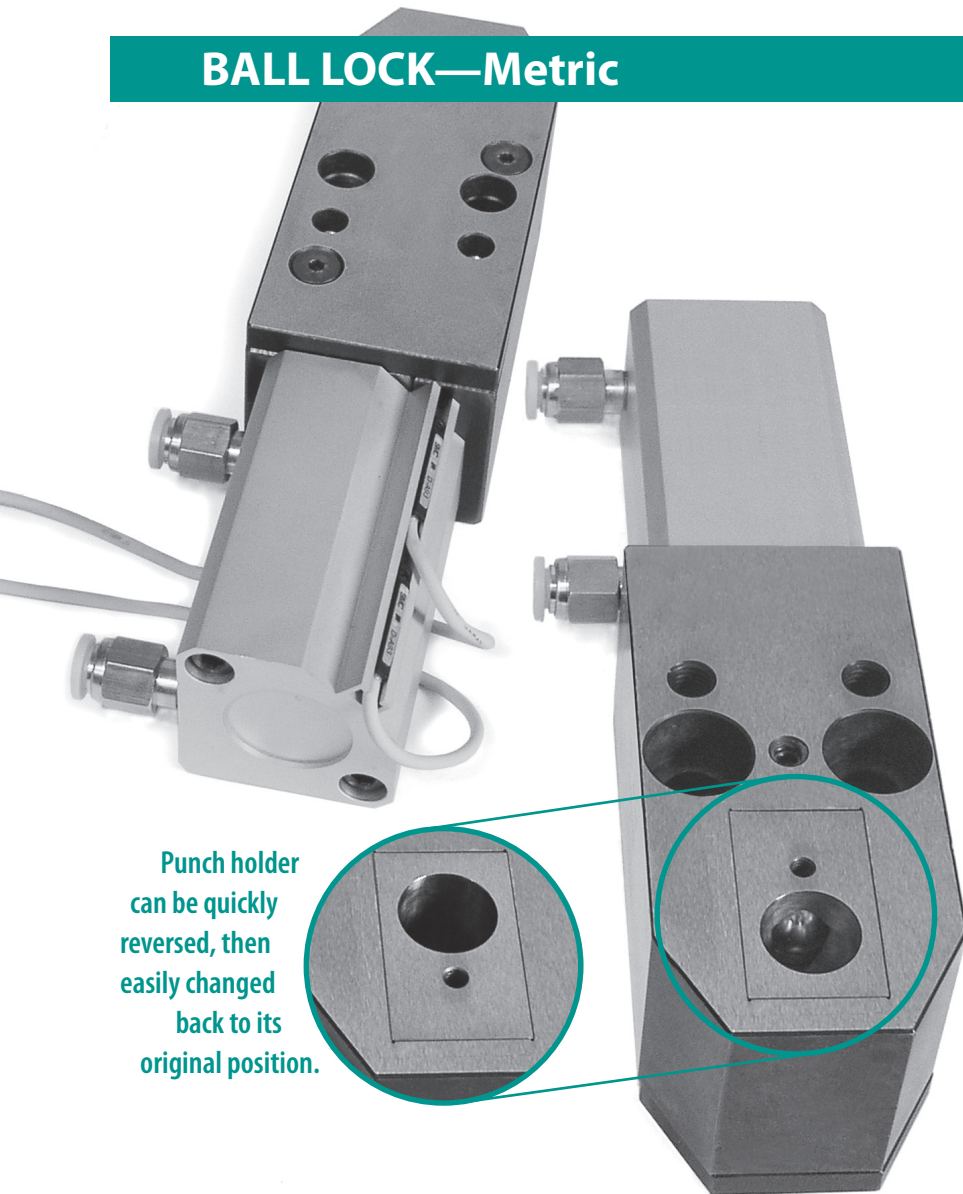


Reversible Change Retainers

BALL LOCK—Metric

Quick Change.
Ideal for
close-space
punching.



Punch holder
can be quickly
reversed, then
easily changed
back to its
original position.

A change for the better!

Change Retainers



Global leader in
providing fabrication
and stamping solutions

www.daytonprogress.com

Quick change. Reversible.

Dayton Reversible Change Retainers —designed specifically for Ball Lock punches—are a unique air cylinder type change retainer that give you the ability to change hole-punching patterns quickly. The punch holder —which is located inside the retainer —can be easily removed and reversed.

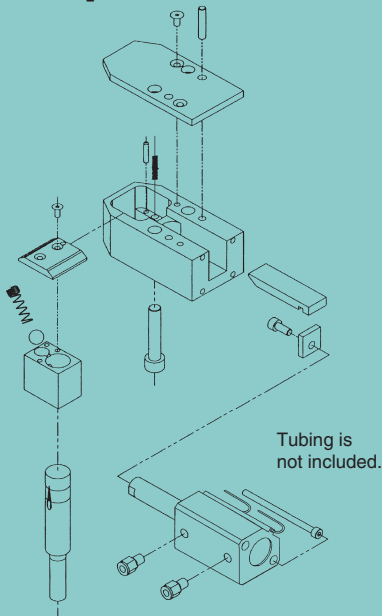
Retainers hold the punch in two different locations: one, the NAAMS™ standard location; two, 12 mm closer to the front.

One-of-a-kind design.

This innovative design allows a variety of punch configurations, e.g., right- and left-hand parts. In addition, lead wires attach to a control panel light to show the on/off position of the cylinder, making set-up worry-free.

This flexibility can help lower production cost by eliminating the need for a second die, shortening changeover time, and reducing downtime.

Components

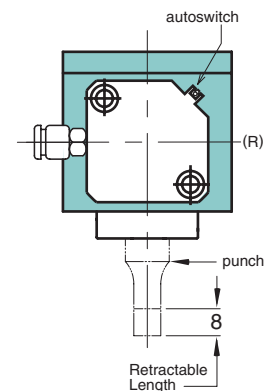
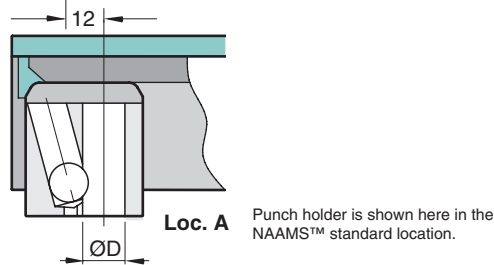
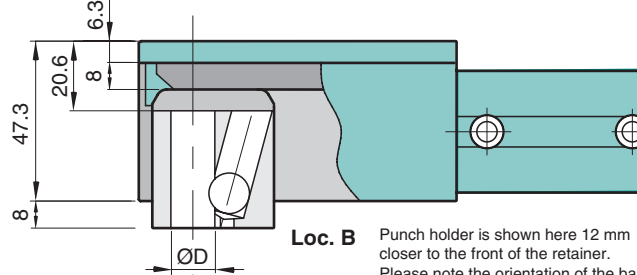
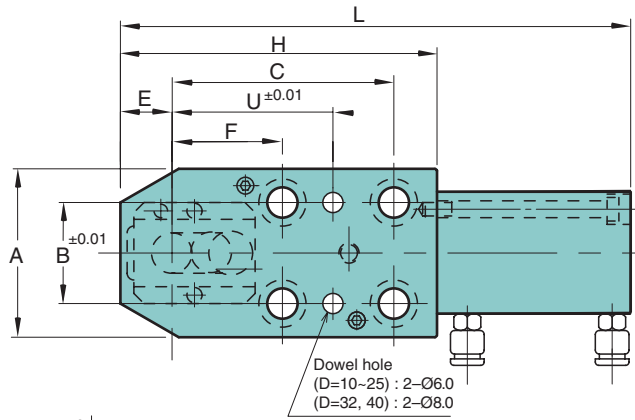


The BRAR Reversible Change Retainers come complete with all the necessary screws, dowels, the air cylinder, lead wires, the autoswitch, and the fittings.



BRAR For Heavy Duty Punching

A change
for the
better!



The air cylinder can be removed and remounted 90° or 180° from the location shown.
Recommended air pressure: 4.6–5.3 kgf/cm² (65–75 PSI)
Minimum pressure: 3.2 kgf/cm² (45 PSI)
Maximum pressure: 10.2 kgf/cm² (145 PSI)

HOW TO ORDER

Specify:	Qty.	Type	D
Example:	2	BRAR	25



Type	Code	D	L	A	B	C		E		F		H	U		Screw Size
						Loc. A	Loc. B	Loc. A	Loc. B	Loc. A	Loc. B		Loc. A	Loc. B	
BRAR	10	10.0	161	46	30	—	—	28	16	21	33	93.5	37	49	M8
	13	13.0	172.5	50	30	—	—	28	16	25	37	100	41	53	M10
	16	16.0	177	50	30	—	—	31	19	25	37	104.5	41	53	M10
	20	20.0	191.5	58	38	—	—	32.5	20.5	29	41	113.5	45	57	M10
	25	25.0	206.5	58	38	—	—	35	23	29	41	123.5	45	57	M10
	32	32.0	260	80	56	100	112	38	26	38	50	152	60	72	M12
	40	40.0	264	80	56	100	112	42	30	38	50	156	60	72	M12

BRAR Reversible Change Retainers conform to NAAMS™ standard for Ball Lock Punch Change Retainers.

* FDS schedule applies to all products shipped in the U.S. For International schedules, contact your Dayton Representative.

DAYTON PROGRESS CORPORATION • 500 Progress Road • P.O. Box 39 • Dayton, OH 45449-0039 • USA
Telephone: 937-859-5111 • Fax: 937-859-5353 • www.daytonprogress.com

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