

AIR COUPLINGS

Efficient Rapid Air Flow

Capacity is listed as instant reference and depends on operation conditions.

The VESSEL Coupling, "Concent" is used in air tool hose connection, and as an air piping/hose to hose relay in factories. Attachment and removal is by a one-touch joint (ball-lock method), and air flow is efficient and rapid.

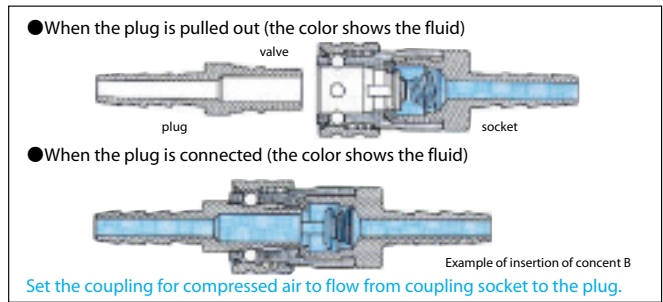
- ① Compact, and with a lightweight design eliminating any sense of heaviness.
- ② Attachment and removal is one-touch process with the ball-lock method, and there are no air leaks.
- ③ Connection can be made even with different hose diameter, and tightening tools are unnecessary.

Interchangeability

All types of plugs for concent B type and nut concent B type can be interchangeable.

Applications

Can be used as an intermediate relay for air drivers, air impact wrenches, grinders, paint appliances, compressors, atomizers, automobile air pressure meters, air vises, automatic equipment, and other various air tools, air output ports for air piping inside factories, and hoses.



Specifications

- * Application fluid ... compressed air
- * Constant working pressure ... ~15kgf / cm² (1.47MPa)
- * Maximum pressure ... 20kg/cm² (1.96MPa)
- * Working temperature range ... -20°C ~ +80°C

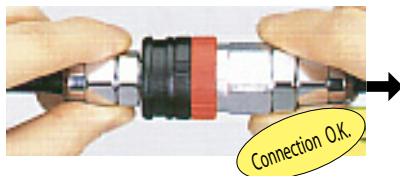
ONE-TOUCH LOCK CONCENT B TYPE

Easy contact by just plug in with lock up function. Large influx type for max. performance of air tools. New concept couplings for efficiency and safety.

Features

One-touch connection

Easily connect or disconnect with one hand.



Includes safety lock mechanism

Prevents unintended disconnection



With dust-resistant ring

Dust-resistant ring prevents entry and sticking of dust and debris into the gap between sleeve and body.

Large influx

Increases working efficiency of air tool. Solves power shortage problem due to branch air piping.



Socket

For hose connection	EDP No.	Product No.	O.A.L. mm	φ D mm	rmm	Min. cross section area mm ²	Weight g	Application
	521302	BLST-2	75	9	23	28	85	For 1/4" hose
	521303	BLST-3	78	11.5	26	44	88	For 3/8" hose
	521304	BLST-4	81	15	29	44	101	For 1/2" hose
For female screw connection (tapered screw)	EDP No.	Product No.	O.A.L. mm	φ D mm	rmm	Min. cross section area mm ²	Weight g	Application
	521312	BLSB-2	65	21	13	44	86	PT 1/4"
	521313	BLSB-3	66	21	14	44	93	PT 3/8"
	521314	BLSB-4	69	23	16	44	105	PT 1/2"
For male screw connection (tapered screw)	EDP No.	Product No.	O.A.L. mm	φ D mm	rmm	Min. cross section area mm ²	Weight g	Application
	521322	BLSN-2	59	21	9.4	44	92	PT 1/4"
	521323	BLSN-3	61	21	9.7	44	90	PT 3/8"
	521324	BLSN-4	65.5	26	12.7	44	120	PT 1/2"
For Urethane hose connection	EDP No.	Product No.	O.A.L. mm	φ D mm	rmm	Min. cross section area mm ²	Weight g	Application hose I.D. × O.D. mm
	521352	BLSH-5	68	14	21	16	92	5.0 × 8.0
	521353	BLSH-6.5	70.5	17	21	28	102	6.5 × 10.0
	521354	BLSH-8	72	19	21	42	108	8.0 × 12.0
	521355	BLSH-8.5	72	19	21	44	109	8.5 × 12.5
For Urethane hose connection	EDP No.	Product No.	O.A.L. mm	φ D mm	rmm	Min. cross section area mm ²	Weight g	Application hose I.D. × O.D. mm
	526256	BLSF-6.5	80	17	19	28	131	6.5 × 10.0
	526258	BLSF-8.5	83	19	21	44	151	8.5 × 12.5

● Hanger hook items are available. ● Interior : 5 items, Exterior : 50 items.