

COUPLERS



Product Code System

OSH 20									
H : KOREA COUPLER		COUPLING FORM		SCREW FORM		THREAD SIZE			
O : ONE TOUCH COUPLER		CODE	TYPE	CODE	TYPE	SIZE	H	M	F
B : BRASS COUPLER		S	Socket	H	Hose Stem	20	9	R ¼	Rc ¼
		P	Plug	M	Male Thread	30	11	R ¾	Rc ¾
				F	Female Thread	40	15	R ½	Rc ½
				N	Nut	600	21	R ¾	Rc ¾
						800	27	R 1	Rc 1
						08	-	-	8×5
						10	-	-	10×6.5
						12	-	-	12×8

Uses

- Used to connect pipe for compressed air.
- May be used widely, e.g., for connecting the pneumatic tool hose and air piping in the factory.

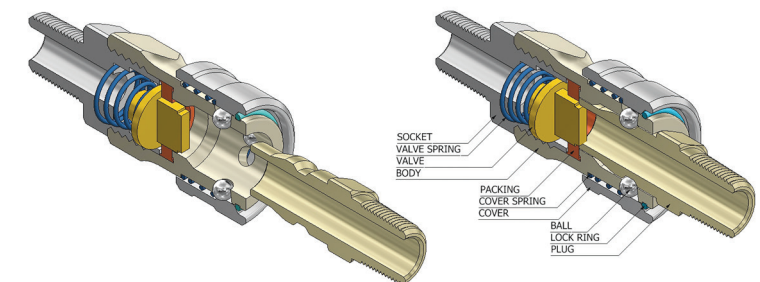
Features

- One-way on-off coupler with an automatic on-off valve built into the hole.
- Of various materials and shapes, the coupler can be selected according to purpose and environment.
- Easy to use with plug and socket smoothly fastened and disconnected.

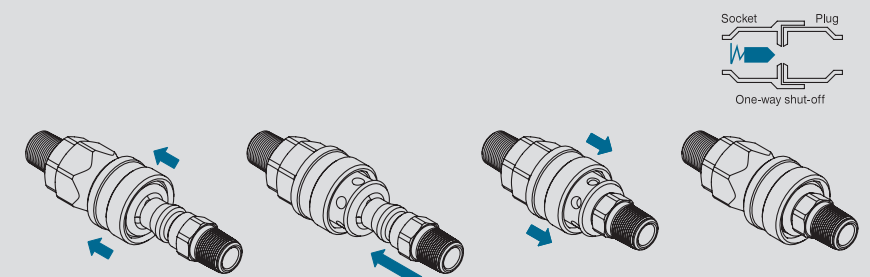
Specifications

Applicable fluid	compressed air (Not applicable to gases or liquids)
Material	Steel, brass
Operating pressure	0~150PSI / 0~9.9kgf/cm ² (0~990kPa).
Operating temperature range	32~140°F / 0~60℃

Structural drawing



Example of uses



CAUTIONS

- If air leaks due to wear or aging of the packing, replace the main body with a new one.
- Note that foreign substances and dust on the packing surface may cause water leakage.
- Wrongly selected packing material may cause leakage. After considering the suitability of rubber material for fluid type and temperature, select product to use.
- Be careful that fastening the coupler with excessive force may cause damage to the device or product.
- Do not apply where there is metal powder, sand, and dust. They may be a cause for defective coupler and equipment breakdown.

WARNINGS

- Avoid attaching or detaching the coupler under pressurized conditions. Please note that it may cause damage to the device and human life.
- Be aware that artificially applied curvature, tension, and impact may cause damage.
- Do not rotate the coupler in order to use as a replacement for the rotary or swivel joints.
- Avoid using a coupler when big vibration or impact applied by tools or devices could cause shock.
- May be difficult to fasten a coupler under residual pressure, so completely release the residual pressure before fastening.
- Do not arbitrarily disassemble the coupler.

Steel Coupler

SH	SM	SF	SN
MODEL(T)	MODEL(T)	MODEL(T)	MODEL(T)
Hose Stem	Thread R	Thread Rc	Hose Nut(φT)
SH 20	SM 20	SF 20	SN 08
SH 30	SM 30	SF 30	SN 10
SH 40	SM 40	SF 40	SN 12
SH 400	SM 400	SF 400	
SH 600	SM 600	SF 600	
SH 800	SM 800	SF 800	

PH	PM	PF	PN
MODEL(T)	MODEL(T)	MODEL(T)	MODEL(T)
Hose Stem	Thread R	Thread Rc	Hose Nut(φT)
PH 20	PM 20	PF 20	PN 08
PH 30	PM 30	PF 30	PN 10
PH 40	PM 40	PF 40	PN 12
PH 400	PM 400	PF 400	
PH 600	PM 600	PF 600	
PH 800	PM 800	PF 800	

Steel One - Touch Coupler

OSH	OSM	OSF	OSN
MODEL(T)	MODEL(T)	MODEL(T)	MODEL(T)
Hose Stem	Thread R	Thread Rc	Hose Nut(φT)
OSH 20	OSM 20	OSF 20	OSN 08
OSH 30	OSM 30	OSF 30	OSN 10
OSH 40	OSM 40	OSF 40	OSN 12

Coupler BSBM

BSH	BSM	BSF
MODEL(T)	MODEL(T)	MODEL(T)
Hose Stem	Thread R	Thread Rc
BSH 20	BSM 20	BSF 20
BSH 30	BSM 30	BSF 30
BSH 40	BSM 40	BSF 40

BPH	BPM	BPF
MODEL(T)	MODEL(T)	MODEL(T)
Hose Stem	Thread R	Thread Rc
BPH 20	BPM 20	BPF 20
BPH 30	BPM 30	BPF 30
BPH 40	BPM 40	BPF 40

Mold Coupler BSBM

KSH	KSM	KSF
MODEL(T)	MODEL(T)	MODEL(T)
Hose Stem	Thread R	Thread Rc
KSH 20	KSM 10	KSF 10
KSH 30A	KSM 20	KSF 20
KSH 30	KSM 30	KSF 30

KPH	KPM	KPF
MODEL(T)	MODEL(T)	MODEL(T)
Hose Stem	Thread R	Thread Rc
KPH 20	KPM 10	KPF 10
KPH 30A	KPM 20	KPF 20
KPH 30	KPM 30	KPF 30