

## UNIVERSAL JOINT

Models	Square Drive (mm)	Dimensions (mm)				Qty./Carton		Weight (g)
		D <sub>1</sub>	D <sub>2</sub>	L <sub>1</sub>	L	(Generally)	(Store Center)	
UJ20	6.35	13	13	8.5	31.5	10	6	19

- Swing angle: In left and right, 45 degree



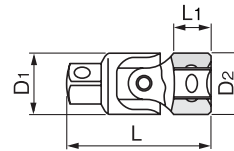
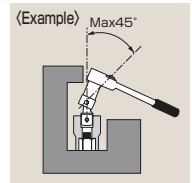
### CAUTION

- Strength of joints is about half of that of ratchet handle (JIS and ISO), because they are composed of output square drive and input square drive components and have poor power transmission rate. Do not handle joints roughly.
- Do not assemble multiple attachments. (Extension bar, Universal joint, Socket adaptor, Quick adaptor)

Universal joint is used on complicated place. Angled work is available through connecting between the socket and the handle. Became more compact than before.



UJ20



## UNIVERSAL JOINT

Models	Square Drive (mm)	Dimensions (mm)				Qty./Carton		Weight (g)
		D <sub>1</sub>	D <sub>2</sub>	L <sub>1</sub>	L	(Generally)	(Store Center)	
★ 108	6.35	14	14	9	40.8	10	6	30

- ★ Require stock availability.

- Swing angle: In left and right, 75 degree



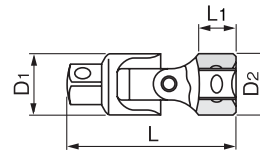
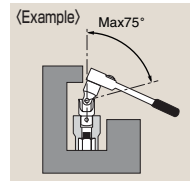
### CAUTION

- Strength of joints is about half of that of ratchet handle (JIS and ISO), because they are composed of output square drive and input square drive components and have poor power transmission rate. Do not handle joints roughly.
- Do not assemble multiple attachments. (Extension bar, Universal joint, Socket adaptor, Quick adaptor)

Use for complicated places where linear work is not possible. Connect between socket and handle for angled and angled work.



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## SOCKET ADAPTOR

Models	Square Drive (mm)	Dimensions (mm)			Qty./Carton		Weight (g)
		D	L <sub>1</sub>	L	(Generally)	(Store Center)	
38	6.35 □ × 9.5 ▢	12.5	9	23	10	6	15



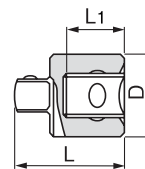
### CAUTION

- Limit-torque of adaptor is based in smaller sq. drive.
- Do not assemble multiple attachments. (Extension bar, Universal joint, Socket adaptor, Quick adaptor)

Used to change drive size.



38



## CROSS BAR

Models	Dimensions(mm)		Qty./Carton		Weight (g)
	D	L	(Generally)	(Store Center)	
★ 112	6	100	10	6	25

- ★ Require stock availability.

### CAUTION

- Do not use with extension pipe etc.

Use spinner handle as a T-type handle with crossbar.



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For hand tool

### CAUTION

- Do not use with power tools.