

## ROBO-KIT

### » Components



**RKD**  
22/28/36/48/56/70  
*Tube Ball Joint Sleeve*

RKD is also tube ball joint like RKS, however, its shape is a little bit different as ball joint direction is bidirectional unlike RKS.



**VCG**  
22/28/36/48/56/70  
*Cable End Finishing*

VCG is clamp for robot cables/hoses at end position of tube.



**RKC**  
22/28/36/48/56/70  
*Tube Clamps*

RKC is tube clamp in combination with RKS+RKRC or RKD+RKRC to holds tube's movement while robot operates.



**RKSC**  
22/28/36/48/56/70  
*Strain Relief Insert*

22-36 of RKSC : It clamp for VCG,  
48-70 of RKSC : It clamp for Tube and RKS.



**RKR-22/28/36/48/56/70**  
*Rotating Connector*

RKR in combination with RKC is to release tube's tension and fatigue as it can rotate with robot-arm movement.



**RKTP-22/28/36/48/56/70**  
*Abrasion Protection Connector*

RKTP is made of reinforced polyamide 6. It is to protect abrasion and damage of tube when tube bumps on robot arm.



**RKTC-48/56/70**

If robot tube got damaged such as cut or stretched condition, you don't need to replace total tube by using RKTC as it can cover damaged area.



**RKS-22/28/36/48/56/70**  
*Tube Ball Joint*

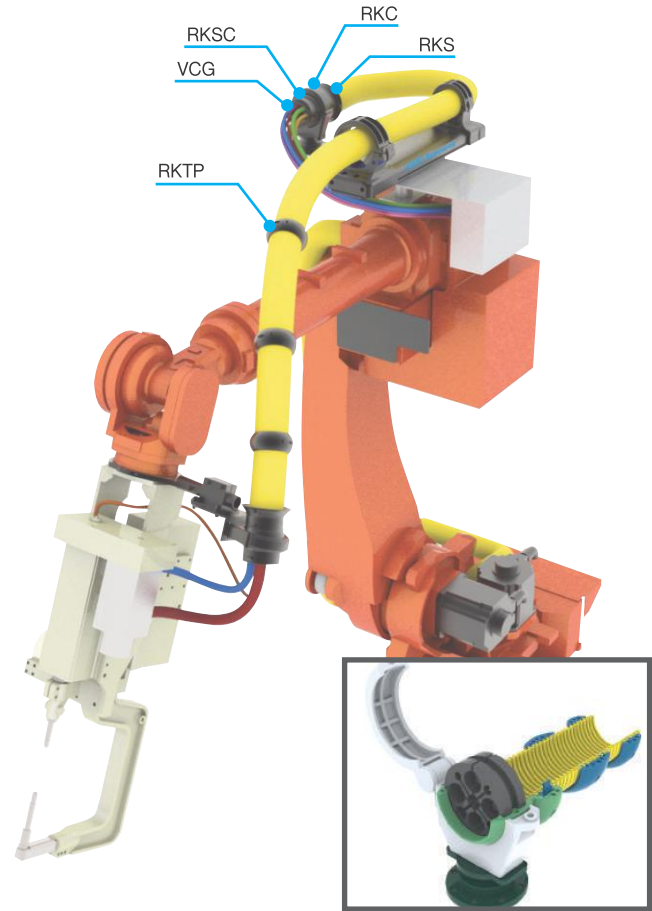
RKS is tube ball joint to strengthen tube's flexibility and release tube's tension loaded by robot operation.

### » ROBO-KIT Ordering

**RKC-70 : 10EA**



ROBO-KIT® RKC / RKD / RKTP / RKTC  
RKSC / RKR / VCG / RKS



RKR+RKC+RKS+VCG+RKSC

### » Dimension

Product	Conduit Size	Width	Height	Length	Outer Diameter
RKTP	22	28,0	46,4		46,4
	28	30,0	53,0		53,0
	36	30,0	62,0		62,0
	48	30,0	80,0		80,0
	56	40,0	93,2		93,2
	70	40,0	108,0		108,0
RKTC	48	50,0	78,0		78,0
	56	60,0	90,2		90,2
	70	60,0	105		105
RKC	22	30,0	50,0	49,0	45,0
	28	30,0	59,5	58,8	53,5
	36	45,0	88,3	90,2	76,0
	48	49,5	105,0	128,2	94,0
	56	40,0	138,1	150,1	116,2
	70	40,0	145,5	164,9	131,0
RKS	22	50,0	23,0	23,0	23,0
	28	60,0	27,0	27,0	27,0
	36	100,3	80,5	80,5	80,5
	48	89	92,3	92,3	92,3
	56	102	105,3	105,3	105,3
	70	102	120,1	120,1	120,1
RKD	22	40,0	22,0	22,0	22,0
	28	63,5	30,0	30,0	30,0
	36	120,0	83,0	83,0	83,0
RKSC	22	10,5	29,5		29,5
	28	13,0	34,5		34,5
	36	20,6	44,6		44,6
	48	22,0	67,5		67,5
	56	26,0	81,2		81,2
	70	26,0	96,0		96,0
RKR	22	43,0	18,5		43,0
	28	55,0	23,0		55,0
	36	98,0	42,0		98,0
	48	98,0	42,0		98,0
	56	98,0	42,0		98,0
	70	98,0	42,0		98,0
VCG	22	10,5	25,5		25,5
	28	13,0	30,5		30,5
	36	20,6	40,6		40,6
	48	24,0	62,5		62,5
	56	34,0	75,8		75,8
	70	34,0	90,0		90,0

