

Components for Inspection Jigs

Jig Locating Kits / Construction Balls / Construction Pads / Construction Covers

Feature: For locating removable jig parts. (See app. example below).

Components for Inspection Jigs – Jig Locating Kits

RoHS 10

Collar Bushing Knurling	Shape		Type	Material / Hardness / Surface Treatment		
	Stripper Bolt Shape	Stripper Bolt		Collar Bushing	Stripper Bolt	Only with Wing Screws
Provided	Hex Socket Head With Wing Screw	KJLP	1018 Carbon Steel or Equivalent	4137 Alloy Steel 33–38 HRC min.	1018 Carbon Steel or Equivalent Trivalent Chromate	Spring Steel 45–50 HRC min.
Not Provided	Hex Socket Head With Wing Screw	KJLPN				

*If only shoulder bolts for wrench are required, order GMSB (P2415)

Bushing
*Tolerance is only applicable with no knurling.

Collar

Stripper Bolt (Hexagonal Socket Head)

Type	Part Number		Inner Diameter / Screw			Stripper Bolt					Wing Screw	
	D	L	P	M	f	F	Length	E	Head	B	h	d
KJLP KJLPC KJLPN KJLPNC	12	15	6	M4	6	7	30	4	9	3	15	21
		25	6	M4	6	7	40	4	9	3	15	21
	20	15	10	M8	8	12	25	8	16	6	24	31
		30	10	M8	8	12	40	8	16	6	24	31

Part Number Example
KJLP20 - 15

Part Number Alterations
KJLP20 - 15 - HT

Application Example

Alterations

Alterations	Code	Spec.
Flats Machining	HT	Chamfers a side of collar and bushing.
Additional Surface Treatment (Black Oxide)	STC	Adds Black Oxide Surface Treatment. Ⓢ Applicable to collar and bushing only.

Components for Inspection Jigs – Construction Ball

CRB

Materials: 440C Stainless Steel
Hardness: HRC 56

Part Number

Type	P	T	D	(L)	L ₁	d
CRB	12	10	6	25.73	15.723	2.03
	20	20	10	43	23	3

Ⓢ Product CRB12 is shipped if P dimension isn't specified.

Application Example

For accuracy control of inspection jigs.

Components for Inspection Jigs – Pad for Construction Ball

CRBP

Material: 1018 Carbon Steel or Equivalent
Surface Treatment: Black Oxide

Part Number

Type	No.	T	D	Applicable Ball
CRBP	12	12	6	CRB12
	20	22	10	CRB20

Ⓢ Product CRBP12 is shipped if No. isn't specified.

Components for Inspection Jigs – Cover for Construction Ball

CRBC

Material: Low Carbon Steel
Surface Treatment: Black Oxide

Part Number

Type	No.	A	(B)	C	Applicable Ball
CRBC	12	25	21	25	CRB12
	20	35	31	30	CRB20

Ⓢ Product CRBC12 is shipped if No. isn't specified.

Part Number Example
CRB20
CRBP20
CRB12

Components for Inspection Jigs

Pin Clips / Wires for Slot Pins / Chains for Slot Pins

Feature: For storing slot pins when not in use.

Components for Inspection Jigs – Pin Clips

RoHS 10

CLIP8

CLIP16

Material: SUS301

Type	Part Number	Applicable Slot Pin Handle Diameter
CLIP	8	Ø8, 10, 12
	16	Ø16, 20, 25

Part Number Example
CLIP8

Application Example

For storing slot pins when not in use.

Clamping force may be adjusted slightly by tightening levels of the mounting screw.

Components for Inspection Jigs – Wires for Slot Pins

RoHS 10

KJW

KJWB

Material: 304 Stainless Steel

Type	D	L 50 mm Increment	Applicable Screw	Available Types			
				KJW	L300-500	L550-700	KJWB
KJW KJWB	1	300-700	M5	•	–	•	–
	2			•	•	•	•

*D=2 products are shipped if D dimension isn't specified.
*The thickness of KJWB is D (wire diameter) + approx. 0.5 mm of vinyl coating thickness.

Components for Inspection Jigs – Chains for Slot Pins

RoHS 10

KJWCH

Material: Ring: 304 Stainless Steel
Others: SWRM Low Carbon Steel
Surface Treatment: Nickel Plating

Type	No.	A	B	C	Applicable Slot Pin Handle Diameter
KJWCH	1	14	12	2	8, 10
	2	17	14.5	4	12
	3	21	17.5	6	16
	4	25	20.5	8	20
	5	30	24	10	25
	6	36	28	12	30