

SN	Inspection items	Acceptance criteria	Testing methods and tools	Sample size	Defect classification		
					A	B	C
1	Raw material	Qualified suppliers list	Qualified suppliers list	-	-	-	-
2		Quality certificate (must have the appropriate manufacturing standards)	View Certificate consistent with the Batch number	-		√	
3		Appearance: the surface, without breaking, cracking, crack-inclusion fold Flash	Visual inspection	10PCS/			√
4		Dimension (length, width, thickness)	Caliper	10PCS/		√	
5		Mechanical properties	View mechanical performance report	JB4726-28-2000	√		
6		Chemical composition analysis	Chemical composition analysis	JB4726-28-2000	√		
7	inspection of purchased semi-manufactured goods	Appearance: 1. Machined surfaces without burrs, scratches and other harmful defects reduced flange strength and connection reliability; 2. Ring grooves machined on both sides of the seal are prohibited due to cracks, scratches and bruises; 3. Flange surface roughness 1.6 and specimen contrast	Eye / machine patterns	10PCS/			√
8		Dimensions: 1. Place the flange on the platform, using Vernier calipers flange height 2. Calliper, small round (insert steel) diameter, circular (ring back, or flare) diameter 3. Flange diameter of bolt hole Center and sealing surface testing of eccentricity of the Centre.	Calipers /Platform /depth gauge	10PCS/		√	
9	mark of the flange	Carbon steel, stainless steel using computer stamped label;FP+ name + materials +forging furnace.	Customer contract	2PCS/		√	
10	Corrosion protection	Nickel, zinc, oil	Visual inspection, thickness Tester	2PCS/		√	
11	Packing	Special flange sealing surface of plastic protective sleeve seal, to prevent damage to the sealing surface, flanged FPsmall carton packaging, and then loaded into large carton packs, external written name inside the box, shall have the product packing slip inside the box, content of the packing list according to the relevant standards.	Visual inspection	2PCS/			√
12	Transportation	Courier, shipping, air transport	Customer contract	-			√
Note:	Applicable scope SAE Split Flange Halves, SAE Flange Clamps, SAE NPT Thread Flanges, SAE BSPP Thread Flanges, SAE Socket Weld Flanges, SAE Socket Weld Elbow 90° Flanges, SAE Closed Flanges, SAE Butt Weld Flanges						
By:SAE Flange factory of Younglee Metal Products Co.,Ltd, www.sino-alloy.com							