

# TEST CERTIFICATE



FEC CHAIN CORPORATION  
 337 KANAORI-CHO, MINAMI-KU,  
 HAMAMATSU CITY, SHIZUOKA  
 PREF., 435-0026 JAPAN  
 TEL: +81-53-425-4116, 2162  
 FAX: +81-53-425-5122

Customer's name	ASAO & CO., LTD		
Product code#:	AA11234LKA φ 11.2*P34	Customer order no.:	ASA-11259/21
Quality type	G80/ type-DAT	issued date:	August 19, 2021
Packing:			
Weight per meter:		[kg/m]	2.65
Quant. Desp			200m × 10pcs
Weight		[kg]	5307.0
Packing			steel drum

Applicable standard	FEC standard
Material spec.:	Alloy steel
Finish:	<input checked="" type="checkbox"/> temper-colored, <input type="checkbox"/> zinc-plated, <input type="checkbox"/> coated(    ) <input checked="" type="checkbox"/> oiled, <input type="checkbox"/> no-oiled
Stamping:	<input type="checkbox"/> FEC standard, <input checked="" type="checkbox"/> customer's request LKA, JAPAN, FEC1 → (Lot.01.02.03.04)

			Result
<b>Dimention:</b>			
Nominal diameter( dn )	[mm]	11.2 +0.4/-0.4	11.1 ~ 11.3
Internal width	[mm]	14.7 min.	14.8 ~ 15.1
External width	[mm]	37.5 max.	37.1 ~ 37.4
Nominal pitch 1 pn	[mm]	34.0 +0.4/-0.2	33.9 ~ 34.3
11 × pn	[mm]	374.0 +1.3/-0.4	373.9 ~ 374.3
Diameter at the weld(ds)	[mm]	12.0 max.	11.7 ~ 11.9
<b>Mechanical properties:</b>			
Manufacturing proof force(MPF)	[ kN ]	98.0 min.	OK
Guranteed breaking force(BF)	[ kN ]	160.0 min.	OK
Total ultimate elongation(A)	[ % ]	10 min.	OK
Surface hardness	[ HV ]	450 min.	OK
Case depth	[ mm ]	0.22 min	OK

I hereby certify above all is true.  
 MASAKIMIWA  
 FEC CHAIN CORPORATION  
 Quality Assurance Dept.,

*M. Miwa*  
 [Note]  
 test sample lot No. 01