

Z.F.41-41/1 DATABASE

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謝辞 Acknowledgement

データを提供いただいたすべての皆様に厚くお礼申し上げます。

I would like to thank everyone who have contributed the data of their valuable collection.

メーカーコード Manufacturer Code	シリアル ナンバー Serial # 1st digit is anonymous	型名 Designation	レンズ構成 Lens System 1:ZF41TypeI 2:ZF41TypeII 3:ZF41/1	グリース記号 Lubricant Marks	シリアルNo 位置 Serial # Location	備考 (その他マーキング) Remarks (Other Markings)	刻印タイプ Markings Type		
bmj	12	59316	ZF	1	K.F.	center	1,5x1,3° (K)		
		59770	ZF	1	K.F.	center	1,5x1,3° (K)		
		60318	ZF41	1		center			
		60567	ZF41	1		center			
		60610	ZF41	1		center			
		61049	ZF41	1	○	center			
		63370	ZF41	1	○	center			
		63402	ZF41	1	Blue○	center			
		63500	ZF41	1	Blue○	center			
		63555	ZF41	1	Blue○				
		63665	ZF41	1	Blue○	center			
		65180	ZF41	1	○+	center			
		<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>bmj A</p> </div> <div style="text-align: center;"> <p>bmj B</p> </div> <div style="text-align: center;"> <p>bmj C</p> </div> </div>							
		cag	29		ZF40-41/1	3			cag A
					ZF40-41/1	3	+		27-1079J2 (rain shield)
	ZF40-41/1			3	+			cag A	
	ZF40-41/1			3	+			cag A	
2110	ZF40-41/1			3	+	ocular		cag A	
2161	ZF40-41/1			3	+	ocular		cag A	
2209	ZF40-41/1			3	+	ocular		cag A	
2390	ZF40-41/1			3	+	ocular	27-1079J2 (rain shield)	cag A	
2395	ZF40-41/1			3	+	ocular		cag A	
2459	ZF40-41/1			3	+	ocular		cag A	
2472	ZF40-41/1			3		ocular		cag A	
2580	ZF40-41/1			3				cag A	
2680	ZF40-41/1			3	+	ocular		cag A	
2881	ZF40-41/1			3	+			cag A	
3020	ZF40-41/1			3	+	ocular		cag A	
3110	ZF40-41/1			3	+			cag A	
3360	ZF40-41/1			3				cag A	
3586	ZF40-41/1			3	+	ocular		cag A	
4040	ZF40-41/1			3	+	ocular		cag A	
4298	ZF40-41/1			3	+	ocular		cag A	
4853	ZF40-41/1			3	+	ocular		cag A	
4880	ZF40-41/1	3	+	ocular		cag A			
4890	ZF40-41/1	3	+	ocular		cag A			
5400	ZF40-41/1	3	Blue+	ocular	27-1079J2 (rain shield)	cag A			
5697	ZF40-41/1	3	+			cag A			
5708	ZF40-41/1	3	+	ocular		cag A			
5920	ZF40-41/1	3	+	ocular		cag A			
5950	ZF40-41/1	3	+	ocular		cag A			
6026	ZF40-41/1	3	Blue+			cag A			

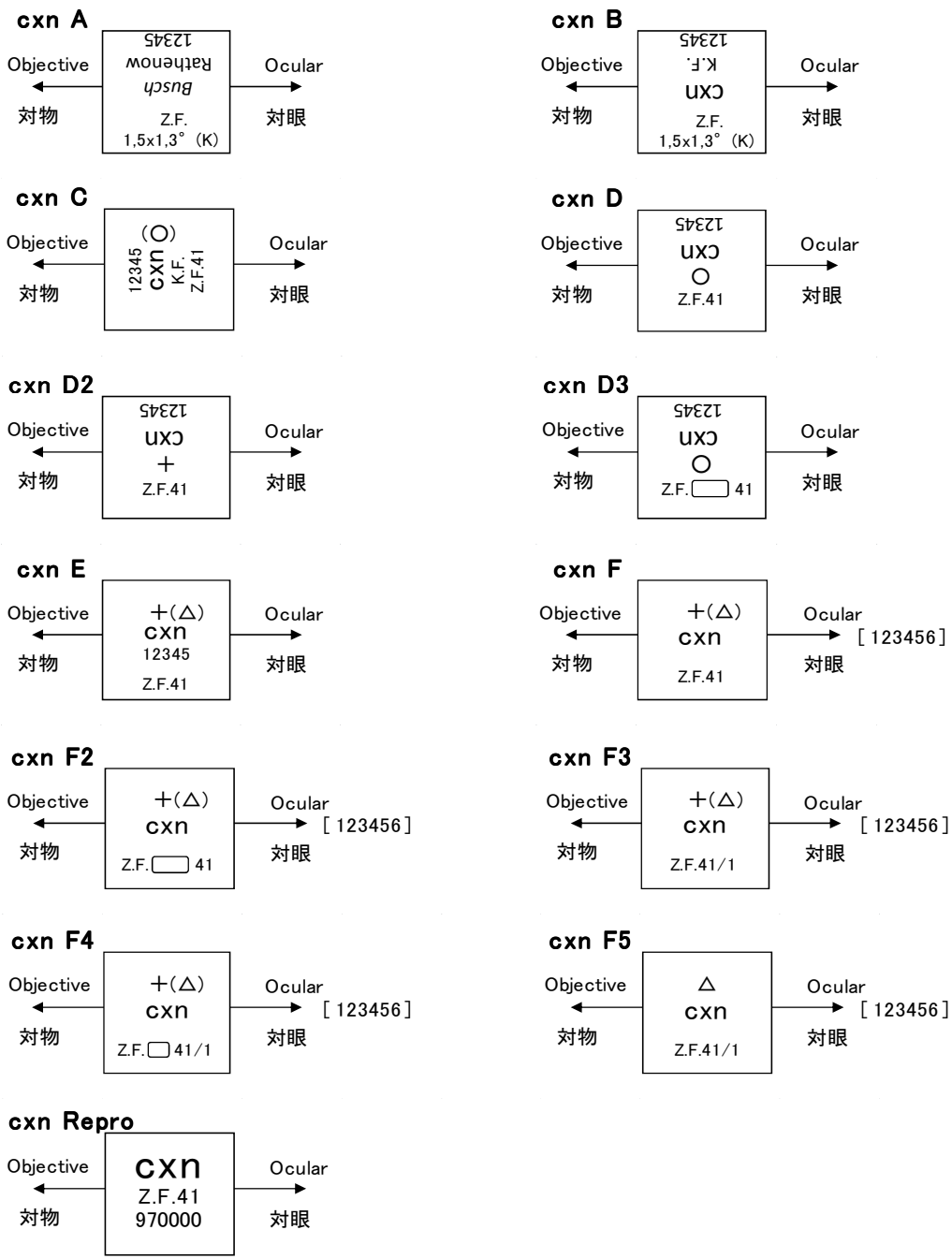
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		cag A 					
clb	28						
		ZF41	1	+	(ocular)		clb A
	51607	ZF41	1	K.F.	center		clb A
	52120	ZF41	1		center		clb D
	56391	ZF41	1		center		clb B
	56560	ZF41	1		center		clb B
	56697	ZF41	1		center		clb B
	56985	ZF41	1		center	for duv42	clb B
	58231	ZF41	1	+	center		clb B
	58380	ZF41	1	+	center		clb B
	58400	ZF41	1	+	center		clb B
	59537	ZF41	1	+	ocular		clb C
	59580	ZF41	1	+	ocular		clb C
	59835	ZF41	1	+	ocular		clb C
	59980	ZF41	1	+	ocular		clb C
	60000	ZF41	1	+	ocular		clb C
	60441	ZF41	1	Blue+	ocular		clb C
	60449	ZF41	1	+	ocular		clb C
	60680	ZF41	1	+	ocular		clb C
	60842	ZF41	1	+	ocular		clb C
	61050	ZF41	1	+	ocular		clb C
	61100	ZF41	1	+			
	61538	ZF41	1		center		clb B
	61760	ZF41	1	+	ocular		clb C
	66082	ZF41	1		center		clb B
		ZF41/1	3	+△	(ocular)		clb C2
	71849	ZF41/1	3	+△			clb C2
		clb A 					
		clb B 					
		clb C 					
		clb C2 					
		clb D 					
cxn	230						
	43251	ZF	1			Busch Rathenow/1,5x1,3°(K)	cxn A
	43313	ZF	1			Busch Rathenow/1,5x1,3°(K)	cxn A
	43770	ZF	1	BlueO	center	Busch Rathenow/1,5x1,3°(K)	cxn A
	43770	ZF	1	K.F.	center	1,5x1,3°(K)	cxn B
	51900	ZF	1	K.F.	center	1,5x1,3°(K)	cxn B
	52170	ZF	1	K.F.	center	1,5x1,3°(K)	cxn B
	52230	ZF	1	K.F.	center	1,5x1,3°(K)	cxn B
	53730	ZF	1	K.F.	center	1,5x1,3°(K)	cxn B
	54098	ZF	1	K.F.△	center	1,5x1,3°(K)	cxn B
	54180	ZF	1	K.F.	center	1,5x1,3°(K)	cxn B
	54486	ZF	1	K.F.	center	1,5x1,3°(K)	cxn B
	54525	ZF	1	K.F.O	center	1,5x1,3°(K)	cxn B

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	54700	ZF	1	K.F.○	center	1,5x1,3°(K)	cxn B
	54828	ZF	1	K.F.○	center	1,5x1,3°(K)	cxn B
	55017	ZF	1	K.F.	center	1,5x1,3°(K)	cxn B
		ZF	1	K.F.	center	1,5x1,3°(K) / 150061 (Mount)	cxn B
	56369	ZF41	1	K.F.	center		cxn C
	56380	ZF41	1	K.F.	center		cxn C
	57360	ZF41	1	K.F.	center		cxn C
	58193	ZF41	1	K.F.	center		cxn C
	58309	ZF41	1	K.F.	center		cxn C
	59390	ZF41	1	K.F.	center		cxn C
	59651	ZF40*-41	2	△	ocular		cxn F2
	60380	ZF41	1	K.F.	center		cxn C
	60445	ZF41	1	K.F.○	center		cxn C
	69290	ZF41	1	K.F.	center		cxn C
	69306	ZF41	1	K.F.	center		cxn C
	69370	ZF41	1	K.F.	center	150009 (Mount, Norwegian Sn#)	cxn C
		ZF41	1				
	69479	ZF41	1	○	center		cxn D
	69570	ZF41	1	Blue○	center		cxn D
	29908	ZF41	1	Blue○	center		cxn D
	69966	ZF41	1	Blue○	center		cxn D
	70498	ZF41	1	Blue○	center		cxn D
	71080	ZF41	1	○	center		cxn D
	71370	ZF41	1	○	center		cxn D
	71430	ZF41	1	Blue○	center		cxn D
	71610	ZF41	1	○	center		cxn D
	72094	ZF41	1	○	center		cxn D
	72384	ZF41	1	○	center		cxn D
	72670	ZF41	1	Blue○	center		cxn D
	76030	ZF41	1	Blue○	center		cxn D
	77268	ZF41	1	Blue○	center		cxn D
	77430	ZF41	1	○	center		cxn D
	78131	ZF41	1	Blue○	center		cxn D
	78521	ZF41	1	Blue○	center		cxn D
	78730	ZF41	1	○	center		cxn D
	78990	ZF41	1	○	center		cxn D
	79000	ZF41	1	○	center		cxn D
	79100	ZF41	1	○	center		cxn D
	79172	ZF41	1	Blue○	center		cxn D
	81290	ZF41	1		center		cxn D
	82847	ZF41	1	Blue○	center		cxn D
	83228	ZF41	1	Blue○	center		cxn D
	83351	ZF41	1	○			
	83420	ZF41	1	○	center		cxn D
	83476	ZF41	1	○			
	83670	ZF41	1	○	center		cxn D
	86063	ZF41	1	White○	center		cxn D
	86635	ZF41	1		center		cxn D
	87340	ZF41	1	Blue○	center		cxn D
	87870	ZF41	1	Blue○	center		cxn D
	88450	ZF41	1	Blue○	center		cxn D
	89440	ZF41	1	Blue○	center		cxn D
	89683	ZF41	1	Blue○	center		cxn D
	89800	ZF41	1	Blue○	center		cxn D
	90610	ZF41	1	Blue○	center		cxn D
	90795	ZF41	1	○	center		cxn D
	90960	ZF41	1	○	center		cxn D
	91380	ZF41	1	○	center	for ar42	cxn D
	92400	ZF41	1	○	center		cxn D
	93470	ZF41	1	○	center		cxn D
	93700	ZF41	1	Blue○	center		cxn D
	94739	ZF41	1	Blue○	center		cxn D
	94890	ZF41	1	○	center		cxn D
	97340	ZF41	1	○	center		cxn D
	98014	ZF41	1	Blue○	center		cxn D
	100800	ZF41	2	○	center		cxn D
	100900	ZF41	2	Blue○			cxn D
	101107	ZF41	1.5	○	center	transitional type between 1 and 2	cxn D
	101229	ZF41	2	Blue○	center		cxn D
	101540	ZF41	2	○	center		cxn D
	101973	ZF41	2	Blue○	center		cxn D
	102420	ZF41	2	Blue○	center		cxn D
	102440	ZF41	1	○			

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	102807	ZF41	2	Blue○	center		cxn D
	103695	ZF41	2	Blue○	center	for ar42	cxn D
	104075	ZF41	2		center		cxn D
	104610	ZF41	2				
	105293	ZF41	2	Blue○	center		cxn D
	105960	ZF41	2	○	center		cxn D
	106180	ZF41	2	○	center		cxn D
	106830	ZF41	2	○	center		cxn D
	107270	ZF41	2	Blue○	center		cxn D
	107400	ZF41	2	○	center		cxn D
	108090	ZF41	2	Blue○	center		cxn D
	108780	ZF41	2				
	109560	ZF41	2	○	center		cxn D
	110180	ZF41	2	○	center		cxn D
	114360	ZF41	2	Blue○	center		cxn D
	114920	ZF41	2	○	center		cxn D
	115979	ZF41	2	Blue○	center		cxn D
	116110	ZF41	2	Blue○	center		cxn D
	116500	ZF41	2	○	center		cxn D
	116640	ZF41	2	○	center		cxn D
	117450	ZF41	2	○	center		cxn D
	117460	ZF41	2	○	center		cxn D
	119740	ZF41	2	Blue+	center		cxn D2
	120159	ZF41	2	+	center		cxn E
	120320	ZF41	2	Blue+	center		cxn E
	120499	ZF41	2	+	center		cxn E
	120900	ZF41	2	+			
	120950	ZF41	2	+	center	matching ar42	cxn E
	122050	ZF41	2	Blue+	center		cxn E
	122310	ZF41	2		center		cxn E
	123280	ZF41	2		center		cxn E
	123530	ZF40*-41	2	Blue+	ocular		cxn D3
	124070	ZF41	2				
	124310	ZF40*-41	2				
	124438	ZF40*-41	2	Blue○	center		cxn D3
	124650	ZF40*-41	2	Blue○	center		cxn D3
	124890	ZF40*-41	2	Blue○	center		cxn D3
	124930	ZF40*-41	2	Blue○	center		cxn D3
	124960	ZF40*-41	2	○	center		
	125240	ZF40*-41	2	○	center		cxn D3
		ZF40*-41	2				
		ZF40*-41	2	+	ocular	27-1079J2 (rain shield)	cxn F2
	126050	ZF40*-41	2	Blue+	ocular		cxn F2
	126061	ZF40*-41	2	Blue+	ocular		cxn F2
	127090	ZF40*-41	2	+	ocular		cxn F2
	127395	ZF40*-41	2	Blue+	ocular		cxn F2
	127812	ZF40*-41	2	+	ocular		cxn F2
	127953	ZF40*-41	2	Blue+	ocular	w/ matching ar43 c block	cxn F2
	128350	ZF40*-41	2	+	ocular		cxn F2
	128360	ZF40*-41	2	+	ocular		cxn F2
	128419	ZF40*-41	2	+	ocular		cxn F2
	128570	ZF40*-41	2	+	ocular		cxn F2
	128680	ZF40*-41	2	Blue+	ocular		cxn F2
	128727	ZF40*-41	2	+	ocular	White "M"	cxn F2
	128880	ZF40*-41	2				
	129169	ZF40*-41	2	Blue+	ocular		cxn F2
	129382	ZF41	2		center		cxn E
	134860	ZF41	2		center		cxn E
	135440	ZF41	2	+	center		cxn E
	135800	ZF41	2	Blue+	center		cxn E
	136046	ZF41	2	+	center		cxn E
	136200	ZF41	2	+△	center		cxn E
	136700	ZF41	2	Blue+	center		cxn E
	136751	ZF41	2	+	center		cxn E
	137066	ZF41	2	+	center		cxn E
	137080	ZF41	2				
	137500	ZF41	2	+	center		cxn E
	137880	ZF41	2	Blue+	center		cxn E
	139560	ZF41	2				
	140030	ZF41	2	+	center		cxn E
	140116	ZF41	2	Blue+			
	141269	ZF41	2	Blue+	center		cxn E
	141470	ZF41	2	+△	center		cxn E

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	141510	ZF41	2	Blue+△	center		cxn E
	141740	ZF41	2	Blue+	center	27-1079J2 (rain shield)	cxn E
	141908	ZF41	2	+	center		
	141990	ZF41	2	Blue+	center	White"M"	cxn E
	142205	ZF41	2	Blue+△	center		cxn E
	142170	ZF41	2	Blue+△	center		cxn E
	142330	ZF41	2	+	center		cxn E
	142420	ZF41	2	+			
	142620	ZF41	2	Blue+	center		cxn E
	142820	ZF41	2	+△	center		cxn E
	142850	ZF41	2	Blue+	center		cxn E
	142910	ZF41	2	+△	center		cxn E
		ZF41	2	+Blue△	(ocular)		cxn F
		ZF41/1	3	+	ocular		cxn F3
	145959	ZF40-41/1	3	+	ocular		cxn F4
	146250	ZF41/1	3				
	146350	ZF40-41/1	3	+	ocular	27-1079J2 (rain shield)	cxn F4
	147160	ZF41/1	3	Blue+	ocular		cxn F3
		ZF40-41/1	3	+△			
	147160	ZF40-41/1	3	Blue+	ocular		cxn F4
	147754	ZF40-41/1	3	Blue+	ocular		cxn F4
	148075	ZF41/1	3	+	ocular		cxn F3
	148380	ZF40-41/1	3	+△	ocular		cxn F4
		ZF40-41/1	3	+	ocular		cxn F4
	148391	ZF40-41/1	3	+	ocular		cxn F4
	148513	ZF40-41/1	3	Blue+	ocular		cxn F4
	a 149257	ZF41/1	3	Blue+	ocular		cxn F3
	a 149352	ZF40-41/1	3	+	ocular		cxn F4
	149540	ZF41/1	3	+			
	150070	ZF40-41/1	3	+	ocular		cxn F4
	152490	ZF41/1	3	+			
	152590	ZF41/1	3	Blue+	ocular		cxn F3
	153030	ZF40-41/1	3	Blue+	ocular		cxn F4
	153112	ZF41/1	3	+	ocular		cxn F3
	153240	ZF40-41/1	3	+	ocular		cxn F4
	153320	ZF40-41/1	3	+	ocular		cxn F4
	153510	ZF41/1	3	+△	ocular		cxn F3
	153528	ZF41/1	3	+△	ocular		cxn F3
	153730	ZF41/1	3	+△	ocular		cxn F3
	154160	ZF41/1	3	△	ocular		cxn F5
	154245	ZF41/1	3	△	ocular		cxn F5
	154440	ZF41/1	3	△	ocular		cxn F5
	154470	ZF41/1	3	△	ocular		cxn F5
	154587	ZF41/1	3	+△	ocular		cxn F3
	154724	ZF41/1	3	△	ocular		cxn F5
	154860	ZF41/1	3	△	ocular		cxn F5
	154990	ZF41/1	3	+△			
	155030	ZF41/1	3	△	ocular		cxn F5
	155260	ZF41/1	3				
	155497	ZF41/1	3	Blue△	ocular		cxn F5
	155820	ZF41/1	3	△	ocular		cxn F5
	156012	ZF41/1	3	△	ocular		cxn F5
	156306	ZF41/1	3	+△	ocular		cxn F3
	156400	ZF41/1	3				
	189892	ZF41/1	3	Blue△	ocular		cxn F5
	190290	ZF41/1	3	+	ocular		cxn F3
	190420	ZF41/1	3	+	ocular		cxn F3
	190676	ZF41/1	3	△			cxn F5
	190685	ZF41/1	3	+	ocular		cxn F3
	190748	ZF41/1	3	△	ocular		cxn F5
	190947	ZF41/1	3	Blue+	ocular		cxn F3
	191123	ZF41/1	3	Blue△	ocular	27-1079J2 (rain shield)	cxn F5
	191253	ZF41/1	3	Blue△	ocular		cxn F5
	191293	ZF41/1	3	△	ocular		cxn F5
	193044	ZF41	2	+	ocular		cxn F
	193070	ZF41	2		ocular		cxn F
	193200	ZF41	2	+	ocular		cxn F
	193940	ZF41	2	+△	ocular		cxn F
	194104	ZF41	2	+Blue△	ocular		cxn F

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ddv	29		ZF41	1			
			ZF41	1	○		
460			ZF41	1	Blue●	center	ddv A
1219			ZF41	1	Blue●	center	ddv A
1611			ZF41	1	Blue●	center	ddv A
1670			ZF41	1	Blue●	center	ddv A
1980			ZF41	1	Blue●	center	ddv A
2343			ZF41	1	Blue●	center	ddv A
2552			ZF41	1	Blue●+	center	ddv A
2550			ZF41	1	Blue●+	center	ddv A
2610			ZF41	1	Blue●+	center	ddv A
2610			ZF41	1	Blue●+	center	ddv A
2824			ZF41	1	Green●G.+		
2920			ZF41	1	Blue●+	center	ddv A
3402			ZF41	1	Blue●+	center	ddv A
3750			ZF41	1	+	center	ddv A2
3901			ZF41	1	Blue+	center	ddv A2
4140			ZF41	1	Blue+	center	ddv A2
4820			ZF41	1	+Δ	center	ddv A2
5347			ZF41		Blue+		

メーカーコード Manufacturer Code	シリアル ナンバー Serial # 1st digit is anonymous	型名 Designation	レンズ構成 Lens System 1:ZF41TypeI 2:ZF41TypeII 3:ZF41/1	グリース記号 Lubricant Marks	シリアルNo 位置 Serial # Location	備考 (その他マーキング) Remarks (Other Markings)	刻印タイプ Markings Type
	5520	ZF41	1				
	6064	ZF41	1	+	center		ddv A2
	6108	ZF41	1	+	center		ddv A2
	6560	ZF41	1	Blue+	center		ddv A2
	6600	ZF41	1	Blue+	center		ddv A2
	6860	ZF41	1	Blue+	center		ddv A2
	6970	ZF41	1	Blue+	center		ddv A2
	7050	ZF41	1	+	center		ddv A2
	7140	ZF41	1	Blue+	center		ddv A2
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>ddv A</p> </div> <div style="text-align: center;"> <p>ddv A2</p> </div> </div>							
dow	55	ZF40-41/1	3				
		ZF40-41/1	3	+			
		ZF40-41/1	3				
		ZF40-41/1	3	+			
	603	ZF40-41/1	3	+	ocular?		dow A4
	1286	ZF40-41/1	3	Green+	ocular		dow A2
	1700	ZF40-41/1	3	Blue+	ocular		dow A2
	2003	ZF40-41/1	3	+	ocular		dow A2
	4514	ZF40	3	+	ocular		dow A
	5330	ZF40-41/1	3	+	ocular		dow A2
	5525	ZF40-41/1	3	Blue+	ocular		dow A2
	5770	ZF40-41/1	3	+	ocular		dow A2
	5860	ZF40-41/1	3	Blue+	ocular		dow A2
	5950	ZF40-41/1	3	+	ocular		dow A2
	6267	ZF40-41/1	3	Blue+	ocular		dow A2
	6420	ZF40-41/1	3	+	ocular		dow A2
	6690	ZF40-41/1	3	+	ocular		dow A2
	6910	ZF40-41/1	3	Blue+	ocular		dow A2
	7011	ZF40-41/1	3	+	ocular		dow A2
	7310	ZF40-41/1	3	+	ocular		dow A2
	7340	ZF40-41/1	3	+	ocular	w/ matching byf44	dow A2
	7611	ZF40-41/1	3	Blue+	ocular		dow A2
	7732	ZF40-41/1	3	Blue+	ocular		dow A2
	7745	ZF40-41/1	3	Blue+	ocular		dow A2
	8265	ZF40-41/1	3	Blue+	ocular		dow A2
	8330	ZF40-41/1	3	+	ocular		dow A2
	8552	ZF40-41/1	3	+	ocular		dow A2
	8610	ZF40-41/1	3	Blue+	ocular		dow A2
	8823	ZF40-41/1	3	+	ocular	27-1079J2 (rain shield)	dow A2
	9900	ZF40-41/1	3	Blue+	ocular		dow A2
	10360	ZF40-41/1	3	Blue+	ocular		dow A2
	10391	ZF40-41/1	3	Blue+	ocular		dow A2
	11424	ZF40-41/1	3	+	ocular		dow A2
	11740	ZF40-41/1	3	Blue+	ocular		dow A2
	13137	ZF40-41/1	3	+	ocular		dow A2
	13147	ZF40-41/1	3	+	ocular		dow A2
	13200	ZF41/1	3	+	ocular		dow A3
	13730	ZF41/1	3	Blue+	ocular		dow A3
	13790	ZF40	3	+	ocular		dow A
	14200	ZF40-41/1	3				
	14520	ZF41/1	3	Blue+	ocular		dow A3
	14790	ZF40-41/1	3	+	ocular		dow A2
	14900	ZF41/1	3	Blue+	ocular	27-1079J2 (rain shield)	dow A3
	15130	ZF41/1	3	+	ocular		dow A3
	15401	ZF40-41/1	3	Blue+	ocular		dow A2
	15520	ZF41/1	3	Blue+	ocular		dow A3
	15598	ZF40-41/1	3	Blue+	ocular		dow A2
	15600	ZF40-41/1	3	Blue+	ocular		dow A2
	15656	ZF41/1	3	Blue+	ocular		dow A3
	16011	ZF40-41/1	3	+	ocular		dow A2
	16277	ZF41/1	3	+	ocular		dow A3
	16341	ZF41/1	3	Blue+	ocular		dow A3
		ZF41/1	3	+	(ocular)		dow A3

メーカーコード Manufacturer Code	シリアル ナンバー Serial # 1st digit is anonymous	型名 Designation	レンズ構成 Lens System 1:ZF41TypeI 2:ZF41TypeII 3:ZF41/1	グリース記号 Lubricant Marks	シリアルNo 位置 Serial # Location	備考(その他マーキング) Remarks (Other Markings)	刻印タイプ Markings Type
		<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>dow A</p> <p>Objective ← [1234] 対物</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"> dow + ZF 40 </div> <p>→ Ocular [1234] 対眼</p> </div> <div style="width: 48%;"> <p>dow A2</p> <p>Objective ← [1234] 対物</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"> dow + ZF 40 41/1 </div> <p>→ Ocular [1234] 対眼</p> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 48%;"> <p>dow A3</p> <p>Objective ← [1234] 対物</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"> dow + ZF 41/1 </div> <p>→ Ocular [1234] 対眼</p> </div> <div style="width: 48%;"> <p>dow A4</p> <p>Objective ← [1234] 対物</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"> dow + ZF 40 ZF 41/1 </div> <p>→ Ocular [1234] 対眼</p> </div> </div>					
dym	15						
		ZF41/1	3	+△			dym A
	059	ZF41/1	3	+	ocular		dym A3
	110	ZF40-41/1	3	+	ocular		dym A
	147	ZF41/1	3	+△	ocular		dym A
	527	ZF41/1	3	+	ocular		dym A
	1130	ZF41/1	3	+△	ocular		dym A
	1190	ZF41/1	3	+△	ocular		dym A
	1325	ZF41/1	3	+△	ocular		dym A
	1430	ZF41/1	3	+△	ocular		dym A
	1490	ZF41/1	3	+△	ocular		dym A
	2236	ZF41/1	3	+△	ocular		dym A
	2320	ZF41/1	3	+△	ocular		dym A
	11910	ZF41/1	3	△	ocular		dym A2
		ZF41/1	3	△	(ocular)		dym A2
		<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>dym A</p> <p>Objective ← [1234] 対物</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"> dym + (△) Z.F.41/1 </div> <p>→ Ocular [1234] 対眼</p> </div> <div style="width: 48%;"> <p>dym A2</p> <p>Objective ← [1234] 対物</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"> dym △ Z.F.41/1 </div> <p>→ Ocular [1234] 対眼</p> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 48%;"> <p>dym A3</p> <p>Objective ← [1234] 対物</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"> dym + Z.F.41/1 </div> <p>→ Ocular [1234] 対眼</p> </div> </div>					
emv	4						
	4	ZF41/1	3	+	ocular		emv A
	291	ZF41/1	3	+	ocular		emv A
	400	ZF41/1	3	+	ocular		emv A
	405	ZF41/1	3	+	ocular		emv A
		<p>emv A</p> <p>Objective ← [1234] 対物</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"> emv + Z.F.41/1 </div> <p>→ Ocular [1234] 対眼</p>					
eso	22						
	1144	ZF41/1	3	+			eso A
	1210	ZF40-41/1	3	Blue+	ocular		eso A2
	1210	ZF40-41/1	3	Blue+	ocular		eso A2
	1330	ZF40-41/1	3	Blue+	ocular		eso A2
	1490	ZF40-41/1	3	Blue+	ocular		eso A2
	1790	ZF41/1	3	+	ocular		eso A
	1850	ZF41/1	3	+	ocular		eso A
	1870	ZF41/1	3	Blue+	ocular		eso A
	1894	ZF41/1	3	Blue+	ocular	27-1079J2 (rain shield)	eso A
	1960	ZF41/1	3	+	ocular		eso A
	2255	ZF41/1	3	Blue+	ocular		eso A

メーカーコード Manufacturer Code	シリアル ナンバー Serial # 1st digit is anonymous	型名 Designation	レンズ構成 Lens System 1:ZF41TypeI 2:ZF41TypeII 3:ZF41/1	グリース記号 Lubricant Marks	シリアルNo 位置 Serial # Location	備考(その他マーキング) Remarks (Other Markings)	刻印タイプ Markings Type	
	2265	ZF41/1	3	+	ocular		eso A	
	2280	ZF41/1	3	+				
	2410	ZF41/1	3	+				
	2520	ZF41/1	3	Blue+	ocular		eso A	
	2590	ZF41/1	3	Blue+	ocular		eso A	
	2694	ZF41/1	3	+	ocular		eso A	
	2720	ZF40-41/1	3	+	ocular		eso A2	
	2750	ZF40-41/1	3	+	ocular		eso A2	
	2761	ZF41/1	3	Blue+	ocular		eso A	
	2770	ZF41/1	3	+	ocular		eso A	
	2910	ZF41/1	3	+	ocular		eso A	
	eso A		eso A2					
	Objective ← 対物		<div style="border: 1px solid black; padding: 5px; display: inline-block;"> eso + Z.F.41/1 </div>		Ocular → [1234] 対眼			
	Objective ← 対物		<div style="border: 1px solid black; padding: 5px; display: inline-block;"> eso + Z.F.41/1 </div>		Ocular → [1234] 対眼			
	fvs	12	ZF41/1	3				
	0102	ZF41/1	3	+	ocular		fvs A	
	0390	ZF41/1	3	Blue+	ocular		fvs A	
	0390	ZF41/1	3					
	0628	ZF41/1	3	+	ocular		fvs A	
	0729	ZF41/1	3					
	764	ZF41/1	3	+	ocular		fvs A	
	0810	ZF41/1	3	+	ocular		fvs A	
	0830	ZF41/1	3	+	ocular		fvs A	
	1198	ZF41/1	3	Blue+	ocular		fvs A	
	1225	ZF41/1	3	+	ocular		fvs A	
fvs A								
Objective ← 対物		<div style="border: 1px solid black; padding: 5px; display: inline-block;"> fvs + ZF41/1 </div>		Ocular → [1234] 対眼				
fzg	35	ZF41	1	+				
	70	ZF41	1		center		fzg A	
	460	ZF41	1		center		fzg A	
	480	ZF41	1		center		fzg A	
	694	ZF41	1		center		fzg A	
	843	ZF41	1		center		fzg A	
	1316	ZF41	1		center		fzg A	
	1673	ZF41	1	+	ocular		fzg B	
	1730	ZF41	1	+	ocular		fzg B	
	2330	ZF41	1					
	2700	ZF41	1					
	3140	ZF41	1	+	ocular		fzg C	
	3592	ZF41	1	+	ocular		fzg C	
	3612	ZF41	1	+	ocular		fzg C	
	0360	ZF41/1	3	+	ocular		fzg C2	
	0630	ZF41/1	3	+	ocular		fzg C2	
	0660	ZF41/1	3	+	ocular		fzg C2	
	01759	ZF41/1	3	+	ocular		fzg C2	
	02280	ZF41/1	3					
	02390	ZF41/1	3	+	ocular		fzg C2	
	02470	ZF41/1	3	+	ocular		fzg C2	
	02510	ZF41/1	3	+	ocular		fzg C2	
	2957	ZF41/1	3					
	03200	ZF41/1	3					
	03610	ZF41/1	3	+	ocular	27-1079J2 (rain shield)	fzg C2	
	04140	ZF41/1	3	+	ocular	27-1079J2 (rain shield)	fzg C2	
	04280	ZF41/1	3	+				
	04419	ZF41/1	3	+	ocular		fzg C2	
	04420	ZF41/1	3	Blue△	ocular		fzg C3	
	04697	ZF41/1	3	+	ocular		fzg C2	
	05223	ZF41/1	3	+	ocular		fzg C2	

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	06054 07170 07266 13890	ZF41/1 ZF41/1 ZF41/1 ZF41/1	3 3 3 3	+ △ △ +	ocular ocular		fzg C2
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>fzg A</p> </div> <div style="text-align: center;"> <p>fzg B</p> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;"> <p>fzg C</p> </div> <div style="text-align: center;"> <p>fzg C2</p> </div> </div> <div style="text-align: center; margin-top: 20px;"> <p>fzg C3</p> </div>							
gkp	7	ZF41/1 ZF41/1 895 ZF41/1 899 ZF41/1	3 3 3 3	+ + +Blue△ +Blue△	ocular ocular		gkp A gkp A
		3563 ZF41/1 4030 ZF41/1 4080 ZF41/1	3 3 3	+ + +	ocular ocular ocular		gkp A gkp A gkp A
<p>gkp A</p>							
jve	29	1675 ZF41 1701 ZF41 2070 ZF41 2810 ZF41	1 1 1 1	○ ○ Blue○ ○	center center center center		jve A jve A jve A jve A
		3102 ZF41 3140 ZF41 3230 ZF41 3350 ZF41 4500 ZF41	1 1 1 1 1	○ Blue○ ○+ ○ Blue+	center center center center center		jve A jve A jve A jve A jve A
		4559 ZF41 4700 ZF41 5115 ZF41 5523 ZF41 5960 ZF41	1 1 1 1 1	○+ ○+ + + +	center center center center center		jve A jve A jve A2 jve A2 jve A2
		6026 ZF41 ZF41/1 04369 ZF41/1 6510 ZF41/1 6640 ZF41/1	1 3 3 3 3	+ + + +	center ocular ocular		jve A2 jve B jve B
		7040 ZF41/1 7188 ZF41/1 7690 ZF41/1 8746 ZF41/1 9170 ZF41/1	3 3 3 3 3	+ + + + +	ocular ocular ocular ocular ocular		jve B jve B jve B jve B jve B
		9328 ZF41/1 9598 ZF41/1 9620 ZF41/1 10060 ZF41/1 10290 ZF41/1	3 3 3 3 3	+ + + +	ocular ocular ocular ocular	27-1079J2 (rain shield) x2	jve B jve B jve B jve B

メーカーコード Manufacturer Code	シリアル ナンバー Serial # 1st digit is anonymous	型名 Designation	レンズ構成 Lens System 1:ZF41TypeI 2:ZF41TypeII 3:ZF41/1	グリース記号 Lubricant Marks	シリアルNo 位置 Serial # Location	備考 (その他マーキング) Remarks (Other Markings)	刻印タイプ Markings Type		
		<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>jve A</p> </div> <div style="width: 45%;"> <p>jve A2</p> </div> </div> <div style="width: 100%;"> <p>jve B</p> </div>							
kov	16		ZF41/1 ZF41/1 ZF41/1 ZF41/1	3 3 3 3	Large○ Large○ Large○ LargeBlue○	-	1-8 目盛なし w/o calibrations シリアルNoなし No serial#		
			ZF41/1	3	Large○	-	シリアルNoなし No serial#		
		202f	ZF41/1	3	Large+	ocular		kov A	
		234f	ZF41/1	3	Large+	ocular		kov B	
		1821	ZF41/1	3	Large○	ocular		kov A	
		2240	ZF41/1	3	Large○	ocular		kov A	
		2690	ZF41/1	3	Large○	ocular		kov A	
		3100f	ZF41/1	3	Large○	ocular		kov A	
		7071	ZF41/1	3	Large○				
		7390	ZF41/1	3	Large○	ocular		kov A	
		9581	ZF41/1	3	Large○				
		18000	ZF41/1	3	Large○	ocular		kov A	
		190210	ZF41/1	3	Large○	ocular		kov A	
				<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>kov A</p> </div> <div style="width: 45%;"> <p>kov B</p> </div> </div>					
		mow	9		ZF41/1 ZF41/1 ZF41/1 ZF41/1	3 3 3 3	+ + + +		
				380	ZF41/1	3	+	ocular	
510	ZF41/1			3	+	ocular		mow A	
1023	ZF41/1			3	+	ocular		mow A	
1180	ZF41/1			3	+△	ocular		mow A	
1350	ZF41/1			3	+				
1449	ZF41/1			3	+	ocular		mow A	
1781	ZF41/1			3	+	ocular		mow A	
1820	ZF41/1			3	Blue+	ocular		mow A	
				<p>mow A</p>					
計 Total	532								

メーカーコード	シリアル ナンバー	型名	レンズ構成	グリース記号	シリアルNo 位置	備考(その他マーキング)	刻印タイプ
Manufacturer Code	Serial # 1st digit is anonymous	Designation	Lens System 1:ZF41TypeI 2:ZF41TypeII 3:ZF41/1	Lubricant Marks	Serial # Location	Remarks (Other Markings)	Markings Type

データ募集中！ Data Wanted!

ZF41またはZF41/1をお持ちの方、どうかデータの提供をお願いいたします！
Please add the data of your ZF41 or ZF41/1 to the database!

E-mail me to: tomo4005@hotmail.com

メーカー一覧 Manufacturer List

bmj: Hensoldt & Sohne Optische Werke A.-G., Wetzlar
cag: Swarovski, Tyrol, Austria
clb: Dr. F. A. Wohler, Kassel
cxn: Emil Busch A.-G., Optische Industrie, Rathenow
ddv: Oculus, Berlin
dow: Opticotechna G.m.b.H., Prerau, Czech
dym: Runge & Kaufuss, Rathenow
eso: Rodenstock Optische Werke, Munich
emv: Hertel & Reuss, Optik u. Feinmechanik, Kassel
fvs: Spindler & Hoyer, Gottingen
fzg: Feinmechanik G.m.b.H., Kassel
gkp: Rufs & Co, Kassel
jve: Optisches Werk Ernst Ludwig, Weixdorf
kov: Etablissement Barbier, Benard et Turenne, Paris
mow: Seidenweberer Berga C.W.Crous & Co., Berga/Elster

グリース記号の意味 Meanings of Lubricant Marks

グリース記号は、主として耐寒性能を示すためにその機器に使用されたグリースを明示する。
Lubricant Marks indicate the grease type used on the instruments, mainly to show its performance on cold resistance.

K.F.: Invarol
○: Vakuurfett 1416
+: Instrumentenfett 1442
△: Unknown