































## KANAI C-shaped Travellers

Flange Width	Traveller Type	Shape	Grade	Number	
				Min	Max
3.2mm	ESY/hf		NFC	24/0	2
	ESZ/hf		NFC	26/0	5/0
	MS/hf		TM	20/0	15
			MX	20/0	15
			NFC	20/0	15
			NMG	20/0	15
	MS/hf-W		NMG	8/0	5
	OS		Hi-Ni	25/0	20
	OSY		TM	24/0	5
			NFC	24/0	5
			NMG	24/0	5
	OSY/hf		TM	18/0	2
			NFC	18/0	2
			NMG	18/0	2
	OYH		Hi-Ni	5/0	10
	OY		Hi-Ni	7/0	10
	OY/hf-N		TM	7/0	8
	Super OS		Hi-Ni	10/0	8
	YS-2		TM	18/0	5
	YS-2/hf		TM	18/0	5
			NFC	18/0	5
			NMG	18/0	5
	YS-2/hf-W		NFC	6/0	5
	ZS/hf		TM	14/0	12
			NFC	14/0	12
	ZSB/hf		TM	14/0	3
	ZSC/hf		TM	14/0	10
			NFC	14/0	10
NMG			14/0	10	

Flange Width	Traveller Type	Shape	Grade	Number	
				Min	Max
2.5mm	ESS/hf		NFC	30/0	11/0
	OSS		Hi-Ni	30/0	2
	OSS/hf		TM	30/0	1/0
NFC			30/0	1/0	
4.0mm	BZ/hf		TM	3	30
	PK/hf		TM	5/0	15
	Z/hf		TM	5/0	14
	O		Hi-Ni	10/0	40
	OH		Hi-Ni	8/0	20
	OH-WZ		TM	5/0	15
	Super O		Hi-Ni	5/0	15
	YZ/hf		TM	5	30
	R		Hi-Ni	1/0	22
	Above 4.4mm	GR		Hi-Ni	1

**half number**

MS/hf type : No.7.5/0 to 1.5/0 and No.0.5 to No.4.5 available

YS-2/hf type : No.0.5 to 2.5 available

ZS/hf type : No.0.5 to 1.5 available

**Hi-Ni TM**

This traveller is provided with special nickel plating and recommended to all semi-high speed spinning condition

**NMG**

Special compound layer which has excellent lubricating function given to the surface by special surface treatment and this is very effective for quick break-in, reducing yarn-breakage and extending service life even in high speed spinning.

**NFC**

Special heat treatment and surface treatment, which has been improved in life, especially on the high speed spinning condition and compact yarn. The service life is to be greatly prolonged from that of conventional treatment at high speed spinning.

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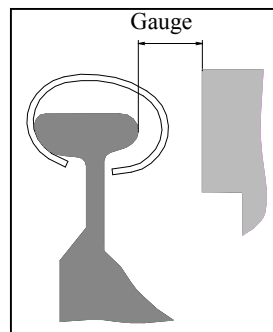
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### Traveller Clearer Gauges for Kanai Traveller

Falnge Traveller Number & Type	2.5mm		3.2mm			4.0mm		
	Traveller Number	OSS OSS/hf	Traveller Number	MS/hf	OSY, OSY/hf	Traveller Number	O O/hf	BZ/hf
		ISO-No.		ZS/hf	YS-2, YS-2/hf		PK/hf	
				OS				
			ISO-No.	ISO-No.			ISO-No.	
	10		10	174.8	-	30	-	-
	9		9	154.4	154.4	29	-	472.5
	8		8	135.9	135.9	28	-	456.2
	7		7	121.8	121.8	27	-	444.1
	6		6	108.8	108.8	26	-	430.6
	5		5	95.3	95.3	25	-	417.2
	4		4	87.7	87.7	24	388.8	404.1
	3		3	81	81	23	375.8	390.8
	2	75.6	2	73.6	73.6	22	362.9	377.5
	1	61.8	1	62.2	62.2	21	349.9	364.2
	1/0	54.8	1/0	54.6	54.6	20	337	350.6
	2/0	48.5	2/0	48.3	48.3	19	324	337.4
	3/0	42.2	3/0	42.2	42.2	18	311	324
	4/0	38.3	4/0	38.3	38.3	17	298.1	310.8
	5/0	34.9	5/0	35.1	35.1	16	285.1	297.4
	6/0	31.7	6/0	32.2	32.2	15	272.2	283.3
	7/0	29.8	7/0	30.2	30.2	14	252.7	264.3
	8/0	28.1	8/0	28.5	28.5	13	233.3	244.2
	9/0	26.4	9/0	26.8	26.8	12	213.8	224.2
	10/0	24.7	10/0	25	25	11	194.4	204.1
	11/0	23	11/0	23.2	23.2	10	168.5	178.6
	12/0	21.2	12/0	21.6	21.6	9	149	157.9
	13/0	19.5	13/0	20	20	8	129.6	138.6
	14/0	17.9	14/0	17.8	17.8	7	116.6	124
	15/0	16.7	15/0	-	16.4	6	103.7	110.1
	16/0	15.3	16/0	-	15.3	5	90.7	97.6
	17/0	14.2	17/0	-	14.3	4	84.2	86.9
	18/0	13.6	18/0	-	13.5	3	77.8	-
	19/0	13	19/0	-	12.9	2	71.3	-
	20/0	12.2	20/0	-	12.1	1	58.3	-
	21/0	11.6				1/0	51.8	-
	22/0	10.9				2/0	45.4	-
	23/0	10.2				3/0	38.9	-
	24/0	9.5				4/0	35.6	-
	25/0	8.9				5/0	32.4	-

Flange Width	3.2mm (3.35mm)											
	Type	MS/hf	ESY/hf	ESZ/hf	OSY/hf	OSY	YS-2/hf	YS-2	OS	ZS/hf	ZSB/hf	ZSC/hf
11~20	2.6	-	-	-	-	-	-	-	2.9	2.8	-	-
6~10	2.6	-	-	-	-	-	-	-	2.5	2.6	-	2.6
1~5	2.3	2.1	-	1.9	2.0	2.1	2.4	2.4	2.2	2.1	2.2	2.2
1/0~5/0	1.9	1.8	1.8	1.4	1.6	1.8	1.8	2.1	1.6	1.6	1.7	1.7
6/0~10/0	1.7	1.7	1.7	1.3	1.5	1.7	1.7	1.9	1.5	1.5	1.5	1.5
11/0~15/0	1.4	1.7	1.7	1.2	1.4	1.5	1.5	1.7	1.4	1.3	1.4	1.4
16/0~20/0	1.4	1.7	1.7	1.2	1.4	1.3	1.3	1.5	-	-	-	-
21/0~25/0	-	-	1.7	-	1.3	-	-	1.3	-	-	-	-
26/0~30/0	-	-	1.7	-	-	-	-	1.1	-	-	-	-

Width	3.2mm(3.35mm)		2.5mm (2.6mm)			4.0mm (4.0mm)					
	OYH	OY/hf-N	ESS/hf	OSS/hf	OSS	BZ/hf	PK/hf	Z/hf	O	OH	YZ/hf
21~30	-	-	-	-	-	3.8	-	-	4.1	-	3.5
16~20	-	-	-	-	-	3.5	-	-	3.8	5.0	3.4
11~15	-	-	-	-	-	3.2	2.5	-	3.3	4.7	3.2
6~10	3.7	3.2	-	-	-	3.0	2.3	-	3.0	4.0	2.8
1~5	3.3	2.8	-	-	2.2	2.7	2.1	1.8	2.5	3.2	2.3
1/0~5/0	3.0	2.6	-	1.9	2.0	-	2.0	1.6	2.0	2.5	-
6/0~10/0	-	2.5	-	1.7	1.8	-	1.9	-	1.8	2.2	-
11/0~15/0	-	-	1.6	1.5	1.7	-	-	-	-	-	-
16/0~20/0	-	-	1.6	1.4	1.6	-	-	-	-	-	-
21/0~25/0	-	-	1.6	1.3	1.6	-	-	-	-	-	-
26/0~30/0	-	-	1.6	1.3	1.5	-	-	-	-	-	-



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