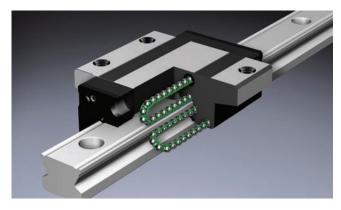
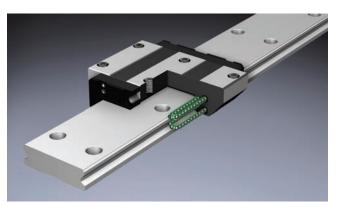
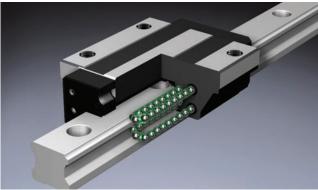


# **Product Ordering Guide**









Туре		Load Capacity Diagram	Features	Major Application
Radial model SSR SR	Page 1 Page 5		<ul> <li>Low mounting height, compact design.</li> <li>Optimal for horizontal mounting due to large radial load capacity.</li> </ul>	Grinding machine Semiconductor manufacturing machine High speed transfer equipment Ultra precision table Packaging machine Medical equipment
Global standard model SHS (	Page 2 Page 6		<ul> <li>Global standard dimensions.</li> <li>4-way equal-load design allows these LM Guides to be used in all orientations.</li> </ul>	Machining center NC lathe Drilling machine Electric discharge machine Conveyance system
Wide, low gravity center SHW & HRW	Page 3 Page 7		<ul> <li>Capable of receiving a large moment due to a 4-way equal-load, wide, low gravity center structure.</li> <li>The geometrical moments of inertia of the LM rail is large and the lateral rigidity is high.</li> </ul>	Printed circuit board drilling machine Semiconductor manufacturing machine Electric discharge machine Insertion machine Optical stage
Lightweight, compact m	Page 4		<ul> <li>The most compact type in the Caged Ball LM Guide series.</li> <li>Lightweight, low-inertia structure.</li> </ul>	Semiconductor manufacturing machine Optical stage Medical equipment IC bonder

# SSR

	SSR1	5 VV	1	07	00 UL			: 1	+ 5240L Y P F M S J T -II
Full Assembly Part #:	(1)	5 <u>XV</u> (2)	<u>1</u> (3)		<u>SS</u> <u>HF</u> (5) (6)		$\frac{M}{(8)} \qquad \frac{F}{(9)} \qquad \frac{E}{(1)}$	<u>j</u> D) (11	
Block Only Part #:	SSR15	$\frac{5}{(2)}$	<u>1</u> (3)		<u>C1</u> <u>E</u> (7) (10	$\frac{J}{J}$	(GK) (21) BLOCK		*Note: Sequence of letters in P/N may
Rail Only Part #* <sup>1</sup> :	(1) <u>SR15</u> (1)	. ,	(3) 5240L (12)	E	(7) (10 <u>S</u> J (17) (18	Ţ	( <u>GK)</u> (21) (21)		vary. Please refer to an official THK quotation for final part number.
(1) Model # & Size	(2) Block S	ityle				(3)	Number of Blocks o	n one F	Rail
		les				(4)	QZ Lubricator	-	None (no symbol) QZ Lubricator
$\langle \rangle$	e	d Ho		$\gg$		(5)	Seal Designation	UU	
	XW-Style	appe	×,						End Seals + Side Seals (THK Std) Double End Seals + Side Seals
$\geq$	ŇX		Xŧ		I			DD ZZ	
		Narrow Tapped Holes						кк	Double End Seals, Side Seals, metal scraper
		2 //				(6)	Laminated Contact Scraper	- нн	None (no symbol) Laminated Contact Scaper (LaCS)
		Ο							Light Contact Seal
Size	<u>v</u> le	-Styl		$\searrow$				PP	Light Contact Seal + Side Seal
15 20	XV-Style	Short XW-Style		)		(7)	Radial Clearance	- C1	Normal (no symbol) Light Preload
25	×	Short	Ň						Custom Preload (Drawing required)
30 35		" þ				<b>(8)</b> .2	Block Material	- M	Alloy Steel (no symbol) Stainless Steel (includes balls)
Notes:						(9)	Block Plating	-	None (no symbol)
*1. SSR uses SR rails	e a	loles	/	$\succ$		(10)		F	Contact THK for more details
*2.Stainless Steel not available for Size 35 or XTB Block Style	Styl		$\ll$			(10)	Non-Std Block	- E	Standard (no symbol)
<ul><li>*3. Bellows not included.</li><li>*4. K-Rail Not available on P-</li></ul>	XTB-Style		X	Ý.				S	Modification to block (Drawing required)
Grade or higher accuracies.	X	Flanged Thru Holes			I	11 <sup>"3</sup>	Bellows Prep.	- J	None (no symbol) Tapped for Bellows
	i	L //				(12)	Rail Length	Ū	Overall length in mm
-		-				13 <sup>.4</sup>	Rail Options	-	Normal (no symbol for Sizes 20,30 & 35)
					I			- Y	No Symbol for Size 15 is M3 holes Std for Size 15,25
								к	Tapped Rail
						(14)	Accuracy Grade	- Н	Normal (no symbol) High
								P	Precision
								SP UP	Super Precision
						(15)	Rail Plating	-	Ultra Precision None (no symbol)
								F	Plating (Contact THK for more details)
						(16)∾	<sup>2</sup> Rail Material	- M	Alloy Steel (no symbol) Stainless Steel
						(17)	Non-Std Rail	-	Standard (no symbol)
								E S	Modification to rail (Drawing required)
	SUS					(18) <sup>.:</sup>	<sup>3</sup> Bellows Prep.	-	None (no symbol)
	Available	e				(4.0)	Jointed Rail	J	Tapped for Bellows Normal (no symbol)
				0		(19)	Jointed Kail	т	Two or more rails butted end to end
4	*								(Drawing Required)
12			-			(20)	# of Rails used in	-	Normal (no symbol)
	TE	1					parallel and planar	-   -	Two Rails Three Rails
C'e state								-IV	
Correction of the second	ale ale a			ad		10.0	Lateral		Must be ordered on multiples of -xx number.
	Part and a starting		CaB	Ball		(21)	Interchangeable Se		For Blocks & Rails ordered seperately
					114			UN	
			~-		— I				*Available only for Normal Accuracy, Normal & Light Preloads, SS or UU Seals & non-plated blocks.
Model No.: S	<b>5K1</b>	5 to	35		L				

### SHS

Full Assembly Part #:	SH	IS25	<u>C</u>	<u>1</u>	QZ	SS	нн с	1 M		F	J	<u>E + 5240L</u> <u>P</u> K	<u>F</u> SJ	<u>T Z -II</u>						
	(	(1)	(2)	(3)	(4)	(5)	(6) (	7) (8)			(10)		(15) (16) (17)							
Block Only Part #:		IS25 (1)	<u>C</u> (2)	<u>1</u> (3)	<u>SS</u> (5)	<u>C1</u> (7)	<u>J</u> [ (10) (1		<u>()</u> BLC	DCK		*Noto: Cogueneo of	lattara in D/N	2001010						
		. ,	. ,		_							*Note: Sequence of Please refer to an of								
Rail Only Part #:		IS25 (1)					<u>J</u> (17) (1	<u>[ (Gł</u> 8) (21	<u>()</u> RAI	L		final part number.								
(1) Model # & Size	(2) Block	k Style	;				(3)		er of Bloo	cks on a	one R									
		es		0			(4)	QZ Lub	oricator		-	None (no symbol)								
		Hol		Ĩ	$\sim$		(5)	Seel D	opignoti	on	QZ UU	QZ Lubricator End Seals								
	yle	ped		X	$\bigcirc$		(5)	Seard	esignatio	OII		End Seals + Side Seals (THK	Std)							
	C-Style	C-Juyle Flanged Tapped Holes	Ř	$\otimes$	K /	Ø					DD	uble End Seals + Side Seals								
	0	ged		N							ZZ	End Seals, Side Seals, metal	scraper							
lí lí		-lan	5//	//`	L.		(0)	Lauria				Double End Seals, Side Seals, m	etal scraper							
			///		0		(6)	Lamina	ated Cor	ntact Sc	raper	lone (no symbol)								
		Narrow Tapped Holes		9							нн	aminated Contact Scaper (L	aCS)							
Size	e	ЧH		U I			(7)	Radial	Clearan	ice	-	Normal (no symbol)								
15	tyl	ppe		×.	/ )	P					C1	ight Preload								
20	V-Style	ν Ta			//							Medium Preload (Not availab	· · ·							
25 30		rrow					(9)	Ball Ma	atorial		CS	Custom Preload ( <i>Drawing red</i> Alloy Steel (no symbol)	uired)							
35		Na					(8)	Dall IVIa	alenai		M	Stainless Steel Balls (for use	w/ plated parts)							
45		S		0			(9)	Block F	Plating		-	None (no symbol)								
55		lole		I	$\sim$						F	Contact THK for more Details								
65	e T	ed F		X	∕∕	\$	(10) <sup>2</sup>	Bellow	s Prep.		-	None (no symbol)								
Notes: *1. R & LR -Style Blocks not	R-Style <sup>1</sup>	appe						Non St	d Block		J	Tapped for Bellows Standard (no symbol)								
available for Size 20 and 65	°-2	T w		ST			(11)	NUI-SI	U DIUCK		E									
*2. Bellows are not included.	_	Narrow Tapped Holes		RV.							s	Modification to block (Drawing	y required)							
*3. Not available on P-Grade or		z	Ma	tches H	SRR H	leight	(12)	Rail Le	ngth			Overall length in mm								
higher accuracies.							(13)	Accura	cy Grad	le	-	Normal (no symbol)								
	LC-St	tyle	L	ong C-S	Style Bl	lock					н Р	ligh								
											SP	Precision Super Precision								
							1				UP	Jltra Precision								
	LV-St	vle		ong V-S	Style Bl	ock	(14) <sup>,3</sup>	Tapped	Tapped Rail		-	None (no symbol)								
		.9.0	-	og	, , , , , , , , , , , , , , , , , , ,	0011					к	Tapped Rail for mounting from	1 bottom							
-							(15)	Rail Pla	aung		F	None (no symbol) Plating ( <i>Contact THK for mor</i>	e details)							
							(16)	Non-St	d Rail			Standard (no symbol)	, dotalis)							
	LR-St	tyle	L	ong R-S	Style BI	IOCK					Е	Modification to rail (Drawing r	in a second							
l											S		squirea)							
							(17) <sup>,2</sup>	Bellow	s Prep.		-	None (no symbol) Fapped for Bellows								
							(18)	Jointeo	Rail		-	lapped for Bellows Normal (no symbol)								
											т	wo or more rails butted end	to end							
												(Drawing required)								
							(19)	Steel T	ape Cov	ver	-	None (no symbol)	- Dell							
1	-		-		/		(20)	# of Ra	ails used	lin	Z	Vith Steel Tape, machining o Iormal (no symbol)	n Rail							
18,				1			(20)		l and pla		-11	wo Rails								
			1=1					1			-111	Three Rails								
	-		1								-IV	Four Rails								
2 200 100		1		0								Nust be ordered on multiples of ·	xx number.							
9 800	2020			de	d		(21)	Interch	angeabl	le Serie	s									
Good			0	abe	3all						GK	For Blocks & Rails ordered se	perately							
			-			TM						Available only for Normal Ac	curacy, Normal 8	Light						
			<b>.</b>		_							Preloads, SS or UU Seals & I		· ·						
Model No.: S	HS	15	) TC	$\mathbf{b}$	5															

Model No.: SHS15 to 65

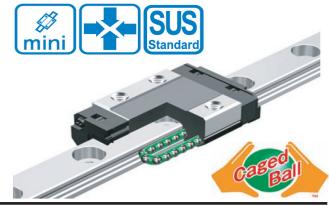
#### SHW

Full Assembly Part #:	<u>SHW17</u> (1)	<u>CAN</u> (2)	<u>1</u> (3)	<u>QZ</u> (4)	<u>SS</u> (5)		<u>C1</u> (7)	<u>F</u> (8)	<u>M</u> (9)	<u>J</u> (10) (	<u>E</u> + 11)	<u>5240L</u> (12)	<u>P</u> (13)	<u>F</u> <u>M</u> (14) (15)	<u>S</u> (16)	<u>J</u> (17) (1	<u>T</u> 18) (	<u>-II</u> (19)	
Block Only Part #:	<u>SHW21</u>	CAN (2)	$\frac{1}{(3)}$	<u>SS</u> (5)	<u>C1</u> (7)	<u>J</u> (10)	<u>E</u> (11)	(GK) (20)	BLOCK										
Deil Only Dert #	<sup>(1)</sup> SHW21	(2)	(3) 5240L	(5) <u>F</u>	(7) <u>S</u>	(10) J		( <u>20)</u>	RAII			quence er to an						nal	
Rail Only Part #:	(1)		(12)			<u>u</u> (17)		(20)			numb				9.01				
(1) <sup>-1</sup> Model # & Size	(2) Block Style	Э				(3)	Nu	imber c	f Blocks c	n one F	Rail								
	es					(4)	QZ	Z Lubric	ator	-		(no symb	ool)						
	CAN-Style			~ /	6							ubricator							
	ityl bed			$\gg$	$\leq$	(5)	é Se	al Desi	gnation	UU	End S		de Cer		Ctd)				
			$\sim$	/ )	Ŷ					SS DD		Seals + Si le End Se		•					
Size	CAN-Style			$\langle \rangle$						ZZ		Seals, Sid				r			
12	ange O	1										e End Seal							
14	臣	2			9	(6)	La	minate	d Contact				-,	,					
17	S		9		/	- · · ·				-	None	(no symb	ool)						
21	CRN-Style				<i>/</i> 0					HH	Lamir	nated Cor	ntact S	caper (Si	zes 17	+)			
27	CRN-Style		⋬	×		(7)	Ra	idial Cle	earance	-	Norm	al (no syr	nbol)						
35	-St Ppe	Í	$\mathbf{N}_{\mathbf{A}}$		Y	*				C1	Ŭ	Preload							
50	N La P									C0		um Preloa	•						
Notes:	<b>D</b> Not					(0)	DL	al. Dia	1	CS		om Preloa		iwing reqi	ured)				
<ol> <li>*1. Size 12~17 can only be ordered as assemblies.</li> </ol>	Na	2/				(8)	BIC	ock Pla	ung	- F		no symt) act THK fo	'	o Dotaile					
*2. Size 12&14 are available			0			(9)*	<sup>3</sup> Blo	ock Mat	terial	-		Steel (no							
with UU or SS seals only	oles		H.		6	(3)	Di	Jon ma	loniai	м		less Steel			1				
5	<b>Ч</b> Н <b>је</b>			$\asymp$		(10)	⁴ Be	llows P	rep.	-		(no symb							
*3. Sizes 12~17 are stainless	St) pee		S .	X				·	J										
steel as standard. Sizes 21+ are not available as stainless	HRN-Style					(11)	) No	Non-Std Block			Stand	lard (no s	ymbol	)					
steel.	HRN-Style								Е	Modif	ication to	block	(Drawing	reauir	ed)				
	Nari	9/1	Long CRN-Style (Size12 only)							S				(2:4:	roquii	<i>cu</i> )			
*4. Bellows not included.		Lor	ng CRN-Style	e (Size12	only)	(12)		il Leng curacy				all length i							
			N-Style E	Rlock v	/out	(13)	) AC	curacy	Grade	- Н	High	al (no syr	1001)						
	CA-Style	0/1	grease							P	Precis	sion							
			U	•••						SP		er Precision							
						1				UP	Ultra	Precision							
	CR-Style	CR	RN-Style E			(14	) Ra	il Platir	ng	-	None	(no symb	ool)						
	on onyio		grease	nipple						F		g (Conta			detail	s)			
						(15)	<sup>3</sup> Ra	il Mate	rial	-	-	Steel (no	-	ol)					
		HR	N-Style E	Block v	v/out	(4.0)	\ \\.	m Ctal I	2-1	M		less Steel		\ \					
	HR-Style		grease				) INC	on-Std F	<b>Kall</b>	Ē		lard (no s	-						
			(Size 12	2 Only)	)					S	Modif	ication to	rail (D	Prawing re	quirea	)			
	0110				i.	(17)	.⁴ Be	llows P	rep.	-		(no symb	'						
	505				1	1 4 10			.,	J		ed for Bell							
	Available		-			(18	) JO	inted R	all	- т		al (no syr or more ra		tod ond t	and				
			•							'		wing requ			) enu				
101						(19	) # (	of Rails	used in	-		al (no syr							
100	101								nd planar	-11	Two F								
										-111	Three	Rails							
		/								-IV	Four	Rails							
	CONSTRAINT, STATE										Must k	oe ordered	on mult	tiples of -xx	numbe	er.			
	Conno	1	Cod			(20) Interchangeable Series													
	Sol .	6	8800							GK	For B	locks & R	ails or	dered se	peratel	У			
0			De								*Avai	lable only	for Nr	ormal Acc	uracv	Norma	1 & 1 in	aht	
				Course The								ads, SS c						,	
Model No · S																			

Model No.: SHW12 to 50

# SRS

Full Assembly Part #* <sup>1</sup> :	<u>2</u> <u>SF</u> (1)	$\frac{RS20}{(2)} \qquad \frac{M}{(3)}$	<u>QZ</u> (4)	<u>SS</u> (5)	<u>H⊢</u> (6)	<u>I C1</u> (7)	<u>F</u> (8) *N	<u>E</u> + (9)		2 <u>40L</u> (10) nce of	P (11)	<u>F</u> (12) s in P/	<u>M</u> (13) N may	<u>S</u> (14)	T (15) Plea	<u>-II</u> (16)
(2) Model # & Size SRSWM Rail SRSM Rail	M-Style (3) Block Style Narrow Tapped Holes	*		<	(4) (5) (6)	Number o QZ Lubrio Seal Desi Laminate	re of Blocks cator ignation d Contac	fer to ar	n offi Rail QZ UU SS	cial TI No syr None ( QZ Lul End So End So Norma Lamina	HK qu nbol for pricator eals (TH eals + S I (no sy ated Co	otation one blo bol) HK Std) Side Sea mbol) ontact Sc	n for fi		rt nun	
Size 5 7 9 12	WM-Style Wide Tapped Holes	Sizes	(5~15)	0	(8)	Radial Cli Block Pla Non-Std I Rail Leng	ting Block		- C1 CS - F - E S	CS Custom Preload ( <i>Drawing required</i> ) - None (no symbol) F Contact THK for more Details - Standard (no symbol) E Modification to block ( <i>Drawing required</i> )						
12 15 20 25 Notes: *1. All SRS's must be ordered as assemblies.	<b>GM-Style</b> Full Ball Type Narrow Tapped Holes	Sizes	(7-25)		(12)	Accuracy Rail Platin Rail Mate Non-Std I	ng rial		- P F M	High Precisi None ( Plating Standa Standa	(no sym ( <i>Conta</i> ard Stai ard (no s	ibol) act THK nless St symbol)	eel	e details	,	
	<b>WGM-Style</b> Full Ball Type Wide Tapped Holes	Sizes	(7~15)			Jointed R # of Rails parallel a	used in		S - T -II -III -IV	Norma Two or ( <i>Draw</i> Norma Two R Three Four R	II (no sy more r <i>ring req</i> II (no sy ails Rails Rails	rmbol) rails butt <i>uired</i> ) rmbol)	ed end	to end		



Model No.: SRS5 to 25

#### SR

Full Assembly Par	't #:		<u>SR15</u> (1)	<u>V</u> (2)	<u>1</u> (3)	$\frac{SS}{(4)}$ $\frac{C}{(4)}$	<u>5)</u> <u>F</u> (6)	<u>M</u> (7)	لًا (8)	<u>E</u> + (9)	+ <u>524</u> (10								
Block Only Part #:			<u>SR15</u> (1)	<u>V</u> (2)	<u>1</u> (3)		2 <u>1</u> 5) (8)	<u>E</u> (9)	<u>(GK)</u> (19)	BLOC	K	*Note: Sequence of letters in P/N							
Rail Only Part #:			<u>SR15</u> (1)	-	<u>5240L</u> (10)	<u>Y</u> <u>I</u> (11) (1	<u>F</u> <u>S</u> 3) (15	<u>J</u> ) (16)	<u>T</u> (17)	<u>(GK)</u> (19)	RAIL	•							
(1) Model # & Size	(2) Blo	ck Sty	le			(3)			ocks on a										
	W-Style	Narrow Tapped Holes		•		(4)		Cleara			DD Dor ZZ End KK Dou LL Low RR Low	d Seals d Seals + Side Seals (THK Std) uble End Seals + Side Seals d Seals, Side Seals, metal scraper uble End Seals, Side Seals, metal scraper v Resistance End Seals v Resistance End Seals & Side Seals rmal (no symbol)							
<b>Size</b> 15		e e e e e e e e e e e e e e e e e e e									C0 Me	Light Preload     Medium Preload ( <i>Not available for Size 15</i> )     S Custom Preload ( <i>Drawing required</i> )							
20 25	V-Style	W-St		$\mathbf{\mathbf{b}}$	Sø/	(6)	Block	Plating			- No	rmal (no symbol)							
30 35	->	Short W-Style		Ň		<b>(7)</b> . <sup>1</sup>	Block	Materia	I		- No	ntact THK for more details rmal (no symbol)							
45				zes (1	5~35)	<b>(8)</b> ,2	Bellow	s Prep.				inless Steel (inlcudes balls) mal (no symbol)							
55 70 85		oles		<i>⁄</i> >		(9)	Non-S	td Bloc	κ			pped for Bellows rmal (no symbol)							
150	style	hru H			)¥						s Mo	dification to block (Drawing required)							
Notes: *1.Stainless Steel not available for Size 45 + *2. Bellows not included. *3. K-Rail Not available on P-	TB-Style	Flanged Thru Holes	S	izes (1	25~55)	(10) (11) <sup>.3</sup>	Rail Le Rail O				- Nor - No Y Std	erall length in mm rmal (no symbol for Sizes 20,30 & 35) Symbol for Size 15 is M3 holes for Size 15,25 oped Rail							
Grade or higher accuracies.	SB-Style	Short TB-Style	Xa			(12)	Accuracy Grade				<ul> <li>Nor</li> <li>H Hig</li> <li>P Press</li> <li>SP Sup</li> <li>UP Ultr</li> </ul>	rmal (no symbol)							
			S	izes (1	5~35)	(13)	Rail P	-			F Pla	ting (Contact THK for more details)							
						(14)	Rail M	ateriai				rmal (no symbol) inless Steel							
						(15)	Non-S	td Rail			F	rmal (no symbol) dification to rail ( <i>Drawing required</i> )							
						(16) <sup>.2</sup>	Bellow	s Prep.			S	rmal (no symbol)							
						(17)	Jointe	d Rail				pped for Bellows rmal (no symbol)							
						(17)	Jointe	artan			T Two	o or more rails butted end to end rawing required)							
	SU	S				(18)		ails use el and p			- No	rmal (no symbol) o Rails							
	Availa				0						-IV Fou								
100 M	3		ð	F		(19)	Interch	nangeal	ole Serie		GK For *Av	st be ordered on multiples of -xx number. Blocks & Rails ordered seperately railable only for Normal Accuracy, Normal & Light							
											Pre	loads, SS or UU Seals & non-plated blocks.							

Model No.: SR15 to 150

#### HSR

Full Assembly Part #* <sup>1</sup>	HSR25 (1)	$5  \underline{A}_{(2)}  \underline{2}_{(3)}  \underline{QZ}_{(4)}  \underline{SS}_{(5)}$	<u>HH</u> <u>C</u>	<u>1 F M E</u> 7) (8) (9) (10)	<u>J</u> (11)	+ <u>5240L</u> <u>P</u> <u>K</u> <u>F</u> <u>M</u> <u>S</u> <u>J</u> <u>T</u> <u>-II</u> (12) (13) (14) (15) (16) (17) (18) (19) (20)						
Block Only Part #:	HSR25	(2) (3) (5) (7)	(10) (1	J (GK) BLOCK		*Note: Sequence of letters in P/N may vary. Please refer to an official THK quotation for						
Rail Only Part #:	HSR28 (1)	(12) (15) (17)	(18) (1		final part number.							
(1) Model # & Size	(2) Block Sty	le	(3)	Number of Blocks of	on one F							
	A-Style Flanged Tapped Holes		(4)	QZ Lubricator	-	None (no symbol) QZ Lubricator						
	n ř		(5)-2	Seal Designation								
	ppe (			ecal 2 colgitation	SS	End Seals + Side Seals (THK Std)						
	A-Style				DD	Double End Seals + Side Seals						
	ded <b>&gt;</b>				ZZ	End Seals, Side Seals, metal scraper						
	lan				KK							
	<u></u>		-			Low Resistance End Seals						
	les		(6)	Laminated Contact								
Size	<b>B-Style</b> Flanged Thru Holes				-	None (no symbol)						
8	<b>B-Style</b> ged Thru H				HH	Laminated Contact Scaper						
10	ed S		(7)	Radial Clearance	-	Normal (no symbol)						
12	ang				C1 C0	Light Preload Medium Preload (Not available sizes 8-15)						
15 20	Ē					Custom Preload ( <i>Drawing required</i> )						
25	ω		(8)	Block Plating	-	None (no symbol)						
30	lo lei			0	F	Contact THK for more details						
35	e le		<b>(9)</b> <sup>3</sup>	Block Material	-	Alloy Steel (no symbol)						
45	Sty				М	Stainless Steel (includes balls)						
55	R-Style		(10)	Non-Std Block	÷	Standard (no symbol)						
65 85	<b>R-Style</b> Narrow Tapped Holes				E S	Modification to block (Drawing required)						
Notes:	ž		(11)*4	Bellows Prep.	-	Normal (no symbol)						
*1. Sizes 8~12 are only available					J	Tapped for Bellows						
as assemblies.	YR-Style Side Tapped Holes		(12)	Rail Length		Overall length in mm						
*2. Sizes 8~12 are only available	YR-Style		(13)	Accuracy Grade		Normal (no symbol)						
with UU seals *3. Sizes 8~12 are stainless steel.	pe <b>-St</b>				H P	High Precision						
Stainless steel is not available over	r <b>X</b> γ				SP	Super Precision						
size 35.	Side				UP	Ultra Precision						
*4. Bellows are not included.		"//	(14).5	Tapped Rail	-	None (no symbol)						
*5. Not available on P-Grade or			(45)	Doil Disting	K	Tapped Rail for mounting from Below						
higher accuracies.	LA-Style	Long A-Style Block	(15)	Rail Plating	- F	None (no symbol) Plating (Contact THK for more details)						
			(16) <sup>,3</sup>	Rail Material		Alloy Steel (no symbol)						
					М	Stainless Steel						
	LB-Style	Long B-Style Block	(17)	Non-Std Rail	-	Standard (no symbol)						
					E	Modification to rail (Drawing required)						
			(18) <sup>*</sup> 4	Bellows Prep.	S -	None (no symbol)						
				2010100 r rop.	J	Tapped for Bellows						
	LR-Style	Long R-Style Block	(19)	Jointed Rail	-	Normal (no symbol)						
			-		т	Two or more rails butted end to end						
						(Drawing Required)						
	05		(20)	# of Rails used in	-	Normal (no symbol)						
	ailable			parallel and planar	-11	Two Rails						
(*		0/			-111	Three Rails						
					-17	Four Rails Must be ordered on multiples of -xx number.						
			(21)	Interchangeable Se	eries	maet so ordered on multiples of -xx number.						
		N=P	(,			For Blocks & Rails ordered seperately						
3						*Available only for Normal Accuracy, Normal &						
	9					Light Preloads, SS or UU Seals & non-plated						
						blocks.						

Model No.: HSR8 to 85

#### HRW

Full Assembly Part	: #* <sup>1</sup> :	HRW2 (1)	<u>21</u> <u>CA</u> (2)	<u>1</u> (3)	<u>UU</u> (4)	<u>C1</u> (5)	<u>F</u> (6)	<u>M</u> (7)	لِ (8)	<u>E</u> (9)	+	<u>1000L</u> (10)	<u>Р</u> (11)	<u>F</u> (12)	<u>M</u> (13)	<u>S</u> (14)	<u>J</u> (15)	<u>T</u> (16)	<u>-II</u> (17)
Block Only Part #:		HRW2 (1)	<u>21</u> <u>CA</u> (2)	<u>1</u> (3)	<u>UU</u> (4)	<u>C1</u> (5)	ل (8)	<u>E</u> (9)	<u>(GK)</u> (18)	BLO	СК	*Note							
Rail Only Part #:		HRW: (1)	<u>21</u> -	1000L (10)	<u>F</u> (12)	<u>S</u> (14)	<u>T</u> (15)		(GK) (18)	RAIL	-	to ar bart r							
(1) Model # & Size	(2) <sup>,2</sup> Bloc	k Style				(3)	Numbe	er of Bl	ocks on	one Ra									
Size	CA-Style	Flanged Tapped Holes					<sup>5</sup> Seal D Radial	-		SS DD ZZ	End Dou End Dout	I Seals (TH I Seals + S Ible End S I Seals, Si ble End Sea mal (no sy nt Preload	Side Se seals + de Sea als, Side	als Side S Is, me	tal scra				
12		<u></u> ш				-				C0		dium Prelo					s 12-27	ろ	
14 17 21	0	Holes				(6)	Block F	Plating		CS - F	Nori	tom Prelo mal (no sy tact THK t	/mbol)			a)			
27 35	CR-Style	Narrow Tapped Holes			<u>J</u>	(7).3	Block I	Aateria	ıl	- M	Nor	mal (no sy nless Stee	/mbol)						
50 60	Ь	arrow		(8) <sup>.4</sup>	Bellow	s Prep		- J	Nori	mal (no sy	no symbol) pr Bellows								
Notes:		Ž				(9)	Non-St	d Bloc	k	-		mal (no sy							
*1.Sizes 12~17 can only be ordered as assemblies.		loles								E S	Мос	dification to	o block	(Draw	ing red	quired)	)		
*2. CR-Style Blocks not available for Size 60	yle	oed F					Rail Le	-				erall length							
<ul> <li>*3. Sizes 50 &amp; 60 are not available in stainless steel.</li> <li>*4. Bellows not included.</li> <li>*5. For sizes 12 &amp; 14 only UU and</li> </ul>	LR-Style	Miniature Tapped Holes				> (11)	Accura	cy Gra	ide	- H P SP UP	High Preo Sup	mal (no sy n cision er Precisio a Precisio	on	availat	ble for s	sizes 1	2 & 14	£)	
SS are available, sizes 17 & 21 cannot have a side seal.						(12)	Rail Pla	ating		- F	Nori	mal (no sy ing ( <i>Cont</i> a	/mbol)					,	
						(13)	Rail Ma	aterial		-	Nor	mal (no sy	/mbol)			lansj			
						(14)	Non-St	d Rail		M		nless Stee mal (no sy							
										E S		dification to		Drawin	g requi	ired)			
	SU	S			6	(15)	Bellow	s Prep		-		mal (no sy ped for Be							
	Availa		•			(16)	Jointeo	l Rail		- Т	Nori Two	mal (no sy o or more r	/mbol) ails but	tted er	nd to er	nd			
		-	a			(17)	# of Ra paralle			- -11 -111 -1V	Norr Two Thre Fou	awing req mal (no sy a Rails ee Rails r Rails t be ordere	vmbol)	ltiples o	of -xx nu	ımber.			
Model No : H		/12	to 6	<u></u>	-	(18)	Interch	angea	ble Seri		*Ava	Blocks & ailable onl ight Preloa	ly for Ne	ormal	Accura	cy, No			

#### Model No.: HRW12 to 60

The Mark of Linear Motion

#### THK America, Inc.

200 E. Commerce Drive, Schaumburg, IL 60173 Tel: (847) 310-1111 Fax: (847) 310-1271 1-800-763-5459 chicago@thk.com WWW.THK.COM **NORTHEAST** Tel: (631) 244-1565

blocks

**DETROIT** Tel: (248) 858-9330

*LOS ANGELES* Tel: (949) 955-3145

**SAN FRANCISCO** Tel: (925) 455-8948 ATLANTA

Tel: (770) 840-7990

*THK CANADA TORONTO* Tel: (905) 820-7800

*THK MEXICO* Querètaro: +52 (442) 412-8437

Monterrey: +52 (81) 8064-5087