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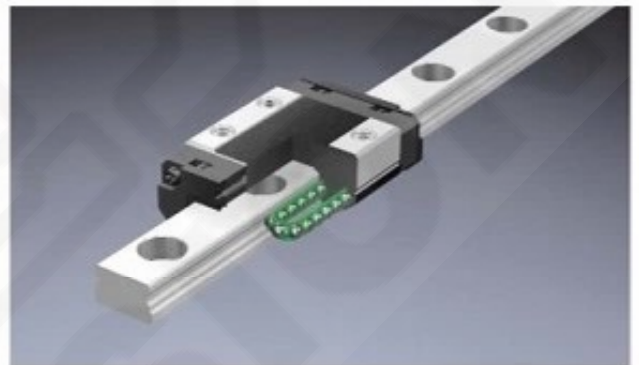
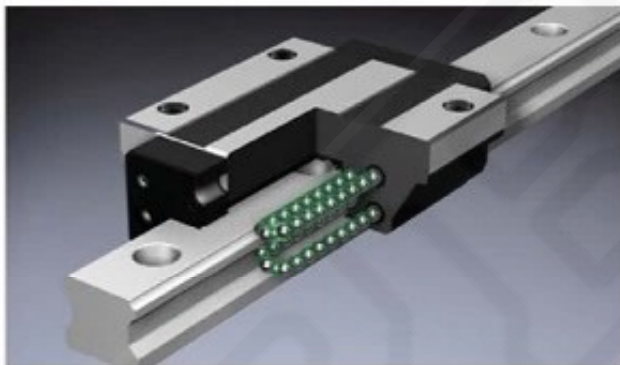
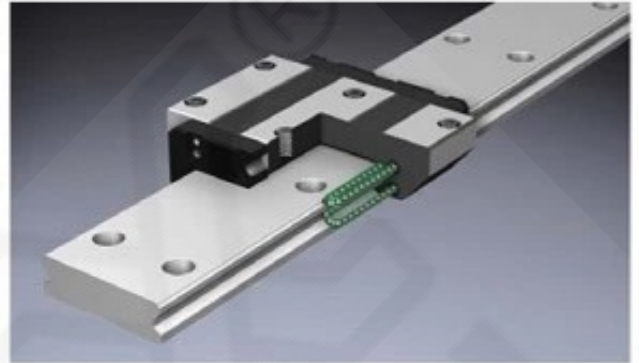
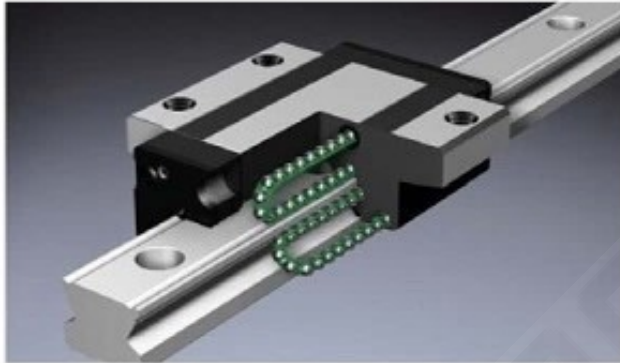
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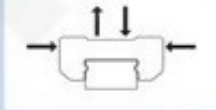
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Product Ordering Guide



Type	Load Capacity Diagram	Features	Major Application
Radial model SSR  SR		<ul style="list-style-type: none"> • Low mounting height, compact design. • Optimal for horizontal mounting due to large radial load capacity. 	Grinding machine Semiconductor manufacturing machine Printed circuit board drilling machine 3D measuring instrument Chip mounter Medical equipment
Global standard model SHS  HSR		<ul style="list-style-type: none"> • Global standard dimensions. • 4-way equal-load design allows these LM Guides to be used in all orientations. 	Machining center NC lathe Drilling machine Electric discharge machine Conveyance system
Lightweight, compact model SRS 		<ul style="list-style-type: none"> • The most compact type in the Caged Ball LM Guide series. • Lightweight, low-inertia structure. 	Semiconductor manufacturing machine Optical stage Medical equipment IC bonder


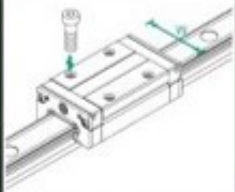
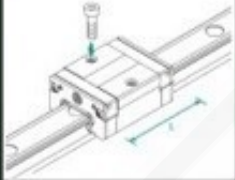
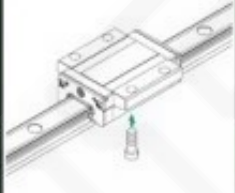
SSR15 to 35

Full Assembly Part #: SSR15 (1) XV (2) 1 (3) QZ (4) SS (5) HH (6) C1 (7) M (8) F (9) E (10) J (11) + 5240L (12) Y (13) P (14) F (15) M (16) S (17) J (18) T (19) -II (20)

Block Only Part #: SSR15 (1) XV (2) 1 (3) SS (5) C1 (7) E (10) J (11) (GK) BLOCK (21)

Rail Only Part #¹: SR15 (1) - 5240L (12) F (15) S (17) J (18) T (19) (GK) RAIL (21)

*Note: Sequence of letters in P/N may vary. Please refer to an official THK quotation for final part number.

(1) Model # & Size	(2) Block Style	(3) Number of Blocks on one rail
 <p>Size 15 20 25 30 35</p>	XW-Style Narrow Tapped Holes 	(4) QZ Lubricator - None (no symbol) QZ QZ Lubricator
	XV-Style Short XW-Style 	(5) Seal Designation UU End Seals SS End Seals + Side Seals (THK STD) DD Double End Seals + Side Seals ZZ End Seals, Side Seals, metal scraper KK Double End Seals, Side Seals, metal scraper
	XTB-Style Flanged Thru Holes 	(6) Laminated Contact Scraper - None (no symbol) HH Laminated Contact Scraper (LaCS) GG Light Contact Seal
<p>Notes: *1. SSR uses SR rails *2. Stainless Steel not available for Size 35 or XTB Block Style *3. Bellows not included. *4. K-Rail Not available on P-Grade or higher accuracies.</p>		(7) Radial Clearance - Normal (no symbol) C1 Light Preload CS Custom Preload (<i>Drawing Required</i>)
		(8)² Block Material - Alloy Steel (no symbol) M Stainless Steel (includes balls)
		(9) Block Plating - None (no symbol) F Contact THK for more Details
		(10) Non-Std Block - Standard (no symbol) E S Modification to block (<i>Requires Drawing</i>)
		11³ Bellows Prep. - None (no symbol) J Tapped for Bellows
		(12) Rail Length Overall length in mm
		13⁴ Rail Options - Normal (no symbol for Sizes 20,30 & 35) - No Symbol for Size 15 is M3 holes Y STD for Size 15,25 K Tapped Rail
		(14) Accuracy Grade - Normal (no symbol) H High P Precision SP Super Precision UP Ultra Precision
		(15) Rail Plating - None (no symbol) F Plating (<i>Contact THK for more Details</i>)
		(16)² Rail Material - Alloy Steel (no symbol) M Stainless Steel
		(17) Non-Std Rail - Standard (no symbol) E S Modification to rail (<i>Requires Drawing</i>)
		(18)³ Bellows Prep. - None (no symbol) J Tapped for Bellows
		(19) Jointed Rail - Normal (no symbol) T Two or more rails butted end to end (<i>Drawing Required</i>)
		(20) # of Rails used in parallel and planar - Normal (no symbol) -II Two Rails -III Three Rails -IV Four Rails <i>Must be ordered on multiples of -xx number.</i>
		(21) Interchangeable Series GK For Blocks & Rails ordered separately



Model No.: SSR15 to 35

*Available only for Normal Accuracy, Normal & Light Preloads, SS or UU Seals & non-plated blocks.


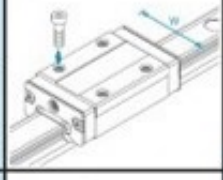
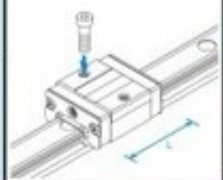
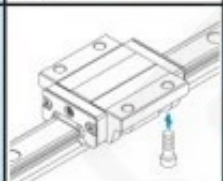
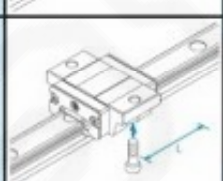
SR15 to 85

Full Assembly Part #: SR15 V 1 SS C1 F M J E + 5240L Y P F M S J T -II
 (1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16) (17) (18)

Block Only Part #: SR15 V 1 SS C1 J E (GK) BLOCK
 (1) (2) (3) (4) (5) (8) (9) (19)

Rail Only Part #: SR15 - 5240L Y F S J T (GK) RAIL
 (1) (10) (11) (13) (15) (16) (17) (19)

*Note: Sequence of letters in P/N may vary. Please refer to an official THK quotation for final part number.

(1) Model # & Size	(2) Block Style	(3) Number of Blocks on one rail	
 <p>Size 15 20 25 30 35 45 55 70 85</p> <p>Notes: *1. Stainless Steel not available for Size 45 + *2. Bellows not included. *3. K-Rail Not available on P-Grade or higher accuracies.</p>	W-Style Narrow Tapped Holes 	(4) Seal Designation UU End Seals SS End Seals + Side Seals (THK STD) DD Double End Seals + Side Seals ZZ End Seals, Side Seals, metal scraper KK Double End Seals, Side Seals, metal scraper LL Low Resistance End Seals RR Low Resistance End Seals & Side Seals - Normal (no symbol) C1 Light Preload C0 Medium Preload (Not available for Size 15) CS Custom Preload (Drawing Required) (5) Radial Clearance - Normal (no symbol)	
	V-Style Short W-Style 	(6) Block Plating - Normal (no symbol) F Contact THK for more Details (7)¹ Block Material - Normal (no symbol) M Stainless Steel (includes balls) (8)² Bellows Prep. - Normal (no symbol) J Tapped for Bellows (9) Non-Std Block - Normal (no symbol) E Modification to block (Requires Drawing) S	(10) Rail Length Overall length in mm (11)³ Rail Options - Normal (no symbol for Sizes 20,30 & 35) - No Symbol for Size 15 is M3 holes Y STD for Size 15,25 K Tapped Rail - Normal (no symbol)
	TB-Style Flanged Thru Holes 	(12) Accuracy Grade - Normal (no symbol) H High P Precision SP Super Precision UP Ultra Precision (13) Rail Plating - Normal (no symbol) F Plating (Contact THK for more Details)	(14) Rail Material - Normal (no symbol) M Stainless Steel (15) Non-Std Rail - Normal (no symbol) E Modification to rail (Requires Drawing) S
	SB-Style Short TB-Style 	(16)² Bellows Prep. - Normal (no symbol) J Tapped for Bellows (17) Jointed Rail - Normal (no symbol) T Two or more rails butted end to end (Drawing Required)	(18) # of Rails used in parallel and planar - Normal (no symbol) -II Two Rails -III Three Rails -IV Four Rails Must be ordered on multiples of -xx number.
		(19) Interchangeable Series GK For Blocks & Rails ordered separately *Available only for Normal Accuracy, Normal & Light Preloads, SS or UU Seals & non-plated blocks.	



Model No.: SR15 to 85

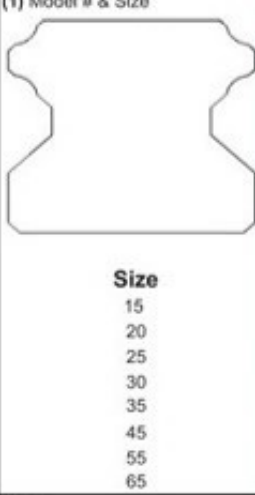
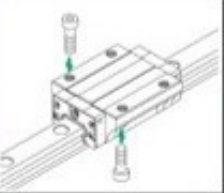
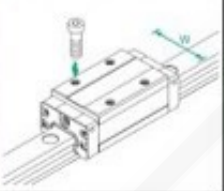

SHS15 to 65

Full Assembly Part #: SHS25 (1) C (2) 1 (3) QZ (4) SS (5) HH (6) C1 (7) M (8) F (9) J (10) E + 5240L (11) P (12) K (13) F (14) S (15) J (16) T (17) Z (18) -II (19) (20)

Block Only Part #: SHS25 (1) C (2) 1 (3) SS (5) C1 (7) J (10) E (11) (GK) BLOCK (21)

Rail Only Part #: SHS25 (1) - 5240L (12) F (15) S (16) J (17) T (18) (GK) RAIL (21)

*Note: Sequence of letters in P/N may vary. Please refer to an official THK quotation for final part number.

(1) Model # & Size	(2) Block Style	(3) Number of Blocks on one rail
 <p>Size</p> <p>15 20 25 30 35 45 55 65</p> <p>Notes: *1. R & LR -Style Blocks not available for Size 20 & 65 *2. Bellows are not included. *3. Not available on P-Grade or higher accuracies.</p>	C-Style Flanged Tapped Holes 	(4) QZ Lubricator - None (no symbol) QZ QZ Lubricator (5) Seal Designation UU End Seals SS End Seals + Side Seals (THK STD) DD Double End Seals + Side Seals ZZ End Seals, Side Seals, metal scraper KK Double End Seals, Side Seals, metal scraper (6) Laminated Contact Scraper - None (no symbol) HH Laminated Contact Scaper (LaCS) (7) Radial Clearance - Normal (no symbol) C1 Light Preload C0 Medium Preload (Not available for size 15) CS Custom Preload (Drawing Required) (8) Ball Material - Alloy Steel (no symbol) M Stainless Steel Balls (for use w/ plated parts) (9) Block Plating - None (no symbol) F Contact THK for more Details (10)² Bellows Prep. - None (no symbol) J Tapped for Bellows (11) Non-Std Block - Standard (no symbol) E Modification to block (Requires Drawing) S
	V-Style Narrow Tapped Holes 	(12) Rail Length Overall length in mm (13) Accuracy Grade - Normal (no symbol) H High P Precision SP Super Precision UP Ultra Precision (14)³ Tapped Rail - None (no symbol) K Tapped Rail for mounting from Below (15) Rail Plating - None (no symbol) F Plating (Contact THK for more Details) (16) Non-Std Rail - Standard (no symbol) E Modification to rail (Requires Drawing) S
	R-Style¹ Narrow Tapped Holes  <p>Matches HSR-R Height</p>	(17)² Bellows Prep. - None (no symbol) J Tapped for Bellows (18) Jointed Rail - Normal (no symbol) T Two or more rails butted end to end (Drawing Required) (19) Steel Tape Cover - None (no symbol) Z With Steel Tape, machining on Rail (20) # of Rails used in parallel and planar - Normal (no symbol) -II Two Rails -III Three Rails -IV Four Rails <i>Must be ordered on multiples of -xx number.</i>
	LC-Style Long C-Style Block	(21) Interchangeable Series GK For Blocks & Rails ordered separately *Available only for Normal Accuracy, Normal & Light Preloads, SS or UU Seals & non-plated blocks.
	LV-Style Long V-Style Block	
LR-Style Long R-Style Block		



Model No.: SHS15 to 65

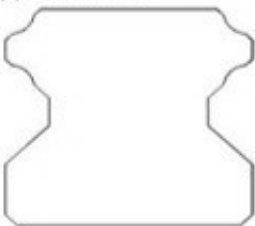
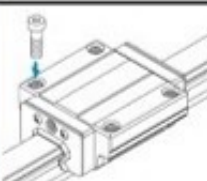
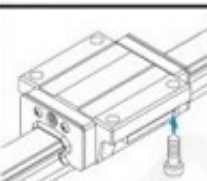
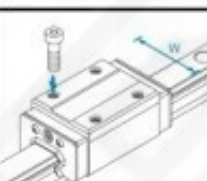
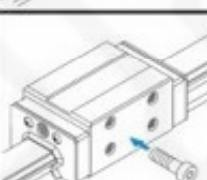


HSR8 to 85

Full Assembly Part #¹: HSR25 A 2 QZ SS HH C1 F M E J + 5240L P K F M S J T -II
 (1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16) (17) (18) (19) (20)

Block Only Part #: HSR25 A 2 SS C1 E J (GK) BLOCK
 (1) (2) (3) (5) (7) (10) (11) (21)

Rail Only Part #: HSR25 - 5240L F S J T (GK) RAIL
 (1) (12) (15) (17) (18) (19) (21)

**Note: Sequence of letters in P/N may vary. Please refer to an official THK quotation for final part number.*

(1) Model # & Size	(2) Block Style	(3) Number of Blocks on one rail
 <p>Size</p> <p>8 10 12 15 20 25 30 35 45 55 65 85</p> <p>Notes: *1. Sizes 8-12 are only available as assemblies. *2. Sizes 8-12 are only available with UU seals *3. Sizes 8-12 are stainless steel. Stainless steel is not available over size 35. *4. Bellows are not included. *5. Not available on P-Grade or higher accuracies.</p>	A-Style Flanged Tapped Holes 	(4) QZ Lubricator - None (no symbol) QZ QZ Lubricator (5)² Seal Designation UU End Seals SS End Seals + Side Seals (THK STD) DD Double End Seals + Side Seals ZZ End Seals, Side Seals, metal scraper KK Double End Seals, Side Seals, metal scraper LL Low Resistance End Seals RR Low Resistance End Seals & Side Seals
	B-Style Flanged Thru Holes 	(6) Laminated Contact Scraper - None (no symbol) HH Laminated Contact Scraper (7) Radial Clearance - Normal (no symbol) C1 Light Preload C0 Medium Preload (Not available sizes 8-15) CS Custom Preload (<i>Drawing Required</i>)
	R-Style Narrow Tapped Holes 	(8) Block Plating - None (no symbol) F Contact THK for more Details (9)³ Block Material - Alloy Steel (no symbol) M Stainless Steel (includes balls) (10) Non-Std Block - Standard (no symbol) E Modification to block (<i>Requires Drawing</i>) S
	YR-Style Side Tapped Holes 	(11)⁴ Bellows Prep. - Normal (no symbol) J Tapped for Bellows (12) Rail Length Overall length in mm (13) Accuracy Grade - Normal (no symbol) H High P Precision SP Super Precision UP Ultra Precision
	LA-Style Long A-Style Block	(14)⁵ Tapped Rail - None (no symbol) K Tapped Rail for mounting from Below (15) Rail Plating - None (no symbol) F Plating (<i>Contact THK for more Details</i>)
	LB-Style Long B-Style Block	(16)³ Rail Material - Alloy Steel (no symbol) M Stainless Steel (17) Non-Std Rail - Standard (no symbol) E Modification to rail (<i>Requires Drawing</i>) S
LR-Style Long R-Style Block	(18)⁴ Bellows Prep. - None (no symbol) J Tapped for Bellows (19) Jointed Rail - Normal (no symbol) T Two or more rails butted end to end (<i>Drawing Required</i>) (20) # of Rails used in parallel and planar - Normal (no symbol) -II Two Rails -III Three Rails -IV Four Rails <i>Must be ordered on multiples of -xx number.</i>	
 		(21) Interchangeable Series GK For Blocks & Rails ordered separately <i>*Available only for Normal Accuracy, Normal & Light Preloads, SS or UU Seals & non-plated blocks.</i>

Model No.: HSR8 to 85



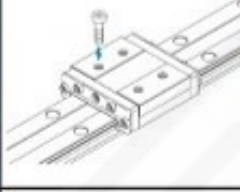
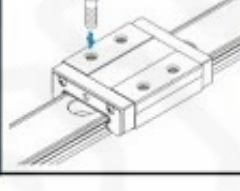
HRW12 to 60

Full Assembly Part #*¹: HRW21 CA 1 UU C1 F M J E + 1000L P F M S J T -II
 (1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16) (17)

Block Only Part #: HRW21 CA 1 UU C1 J E (GK) BLOCK
 (1) (2) (3) (4) (5) (8) (9) (18)

*Note: Sequence of letters in P/N may vary. Please refer to an official THK quotation for final part number.

Rail Only Part #: HRW21 - 1000L F S T J (GK) RAIL
 (1) (10) (12) (14) (15) (16) (18)

(1) Model # & Size	(2) ² Block Style		(3) Number of Blocks on one rail
 <p>Size 12 14 17 21 27 35 50 60</p>	CA-Style	Flanged Tapped Holes	<p>(4)⁴ Seal Designation</p> <ul style="list-style-type: none"> UU End Seals (THK STD) SS End Seals + Side Seals DD Double End Seals + Side Seals ZZ End Seals, Side Seals, metal scraper KK Double End Seals, Side Seals, metal scraper <p>(5) Radial Clearance</p> <ul style="list-style-type: none"> - Normal (no symbol) C1 Light Preload C0 Medium Preload (Not available for Sizes 12-27) CS Custom Preload (Drawing Required) <p>(6) Block Plating</p> <ul style="list-style-type: none"> - Normal (no symbol) F Contact THK for more Details <p>(7)³ Block Material</p> <ul style="list-style-type: none"> - Normal (no symbol) M Stainless Steel (includes balls) <p>(8)⁴ Bellows Prep.</p> <ul style="list-style-type: none"> - Normal (no symbol) J Tapped for Bellows <p>(9) Non-Std Block</p> <ul style="list-style-type: none"> - Normal (no symbol) E Modification to block (Requires Drawing) S <p>(10) Rail Length</p> <ul style="list-style-type: none"> Overall length in mm <p>(11) Accuracy Grade</p> <ul style="list-style-type: none"> - Normal (no symbol) H High P Precision SP Super Precision UP Ultra Precision (Not available for sizes 12 & 14)
		CR-Style	
	LR-Style	Miniature Tapped Holes	
<p>Notes:</p> <p>*1. Sizes 12-17 can only be ordered as assemblies.</p> <p>*2. CR-Style Blocks not available for Size 60</p> <p>*3. Sizes 50 & 60 are not available in stainless steel.</p> <p>*4. Bellows not included.</p> <p>*5. For sizes 12 & 14 only UU and SS are available, sizes 17 & 21 cannot have a side seal.</p>	  		<p>(12) Rail Plating</p> <ul style="list-style-type: none"> - Normal (no symbol) F Plating (Contact THK for more Details) <p>(13) Rail Material</p> <ul style="list-style-type: none"> - Normal (no symbol) M Stainless Steel <p>(14) Non-Std Rail</p> <ul style="list-style-type: none"> - Normal (no symbol) E Modification to rail (Requires Drawing) S <p>(15) Bellows Prep.</p> <ul style="list-style-type: none"> - Normal (no symbol) J Tapped for Bellows <p>(16) Jointed Rail</p> <ul style="list-style-type: none"> - Normal (no symbol) T Two or more rails butted end to end (Requires Drawing) <p>(17) # of Rails used in parallel and planar</p> <ul style="list-style-type: none"> - Normal (no symbol) -II Two Rails -III Three Rails -IV Four Rails <p><i>Must be ordered on multiples of -xx number.</i></p> <p>(18) Interchangeable Series</p> <ul style="list-style-type: none"> GK For Blocks & Rails ordered separately <p><i>*Available only for Normal Accuracy, Normal & Light Preloads, SS or UU Seals & non-plated blocks</i></p>



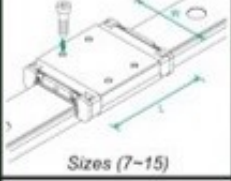



Model No.: HRW12 to 60

SRS7 to 25

Full Assembly Part #¹: 2 (1) SRS20 (2) M (3) QZ (4) SS (5) HH (6) C1 (7) F (8) E (9) + 5240L (10) P (11) F (12) M (13) S (14) T (15) -II (16)

*Note: Sequence of letters in P/N may vary. Please refer to an official THK quotation for final part number.

(2) Model # & Size SRS..WM Rail  SRS..M Rail  Size 7 9 12 15 20 25	(3) Block Style WM-Style Wide Tapped Holes  Sizes (7-15)		(1) Number of Blocks on one rail - No symbol for one block
	M-Style Narrow Tapped Holes 	(4) QZ Lubricator - None (no symbol) QZ QZ Lubricator	(5) Seal Designation UU End Seals (THK STD) SS End Seals + Side Seals
Notes: *1. All SRS's must be ordered as assemblies.			(7) Radial Clearance - Normal (no symbol) C1 Light Preload CS Custom Preload (Drawing Required)
			(8) Block Plating - None (no symbol) F Contact THK for more Details
			(9) Non-Std Block - Standard (no symbol) E Modification to block (Requires Drawing) S
			(10) Rail Length Overall length in mm
			(11) Accuracy Grade - Normal (no symbol) H High P Precision
			(12) Rail Plating - None (no symbol) F Plating (Contact THK for more Details)
			(13) Rail Material M Standard Stainless Steel
			(14) Non-Std Rail - Standard (no symbol) E Modification to rail (Requires Drawing) S
			(15) Jointed Rail - Normal (no symbol) T Two or more rails butted end to end (Drawing Required)
			(16) # of Rails used in parallel and planar - Normal (no symbol) -II Two Rails -III Three Rails -IV Four Rails Must be ordered on multiples of -xx number.



Model No.: SRS7 to 25