



HOW TO CALCULATE T1 DIMENSION & T2 DIMENSION

12mm Minimum T1 Dimension
Specify L = XXXX and T1 = ? Part Number "PN"

Example

- STEP 01: Total Length = 1250 mm
- STEP 02: Divide Total Length by Drill Row Pitch
i.e. $1250 / 80 = 15.625$
- STEP 03: Multiply Integer by Drill Row Pitch
i.e. $80 \times 15 = 1200$
- STEP 04: Subtract STEP 03 from Length
i.e. $1200 - 1250 = 50$
- STEP 05: T1 + T2 must equal STEP 04
i.e. if T1=20 then T2=30
- STEP 06: Complete PN
i.e. 1605-3=704-31-1250 (T1=20)

Bosch Rexroth BSHP Ball Rail
 KSA-030-SNS-N-MA-AK
PN: 1605-704-31-XXXX(T1=?)

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UNITS : mm

Weight	5.0 kg/m
Mechanical system design	KSA Ball guide rail
Size	Size 30
Design	SNS Slimline, normal, standard
Material	CS Carbon steel
Accuracy class	N Normal
Mounting	MA Bolting from above
Cover	AK Plastic mounting hole plugs
Length (mm)	XXXX Tolerance ± 1.5 mm
T1	XX mm Tolerance ± 0.75 mm
	Drill row T1 / n * 80 / T2