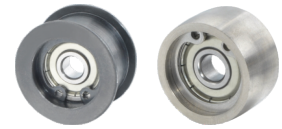


Flanged
Crowned
Width T=6~32

Idlers for Flat Belts

Code	Type	Material		Bearing	Surface Treatment	Accessories
		Main Body				
		GB	Equiv.			
ENG01	Flanged	45	S45C	Steel	Black Oxide	Retaining Ring (SUS304)
ENG02					Fine Sand Electroless Nickel Plating	
ENG04		Aluminum Alloy			Fine Sand Blast Anodizing	
ENG11		0Cr18Ni9	SUS304	Stainless Steel	—	
ENG21	Crowned	45	S45C	Steel	Black Oxide	
ENG22					Fine Sand Electroless Nickel Plating	
ENG24		Aluminum Alloy			Fine Sand Blast Anodizing	
ENG31		0Cr18Ni9	SUS304	Stainless Steel	—	
ENG36		Blue POM	Blue POM	Steel	—	

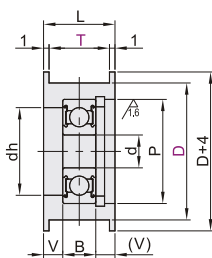


● Bearing Precision: GB/T 307.1 Class 0
Equivalent to: JIS B 1514 Class 0

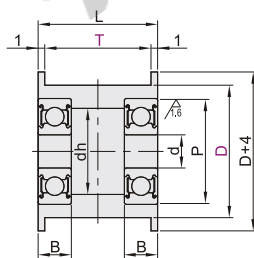


① If there is requirement of rust prevention, please choose stainless steel materials or electroless nickel-plated products firstly.
② If you need to replace the sealed bearing in special environment (clean environment, etc.), please contact Yiheda.

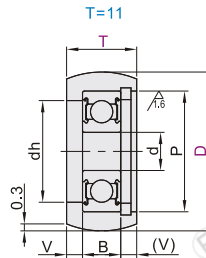
Flanged
ENG01/02/04/11
T=6 · 11



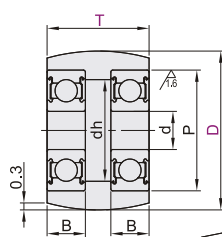
T=16 · 21 · 27 · 32



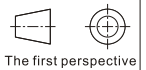
Crowned
ENG21/22/24/31/36
T=11



T=16 · 21 · 27 · 32



3/4



① Bearings are press-fitted.

① During the movement of POM material pulleys and belts, abrasion may occur due to factors such as mechanism tension, start and stop, belt hardness, and belt friction. If there are special environmental conditions, please contact Yiheda.

● Flanged

Part Number Code	D	T	P	dh	V	L	Bearing Dimensions		
							No.	d	B
ENG01	15	6	11	9	2	8	BAF694ZZ×1	4	4
ENG02	20	6	16	13	1.5	8	BAF625ZZ×1	5	5
ENG04	20	11	19	17	4	13	BAF625ZZ×1	6	6
ENG11	25	11	19	17	3.5	13	BAF626ZZ×1	6	6
	30	11	19	17			BAF698ZZ×1	8	6
	15	11	9				BAF685ZZ×2	5	5
	20	16	13				BAF625ZZ×2	5	5
	25	16	16				BAF626ZZ×2	6	6
	30	16	19	17	18		BAF698ZZ×2	8	6
	35	26	23				BAY6000ZZ×2	10	8
	15	11	9				BAF685ZZ×2	5	5
	20	16	14				BAF688ZZ×2	8	6
	25	19	17				BAF698ZZ×2	8	6
	30	21	19	17	23		BAF698ZZ×2	10	8
	35	26	23				BAY6000ZZ×2	10	8
	40	28	25				BAY6001ZZ×2	12	8
	15	11	9				BAF685ZZ×2	5	5
	20	16	14				BAF688ZZ×2	8	6
	25	19	17				BAF698ZZ×2	8	6
	30	26	23				BAY6000ZZ×2	10	8
	40	28	25				BAY6001ZZ×2	12	8
	15	11	9				BAF685ZZ×2	5	5
	20	16	14				BAF688ZZ×2	8	6
	25	19	17				BAF698ZZ×2	8	6
	30	26	23				BAY6000ZZ×2	10	8
	40	28	25				BAY6001ZZ×2	12	8
	15	11	9				BAF685ZZ×2	5	5
	20	16	14				BAF688ZZ×2	8	6
	25	19	17				BAF698ZZ×2	8	6
	30	26	23				BAY6000ZZ×2	10	8
	40	28	25				BAY6001ZZ×2	12	8

● Crowned

Part Number Code	D	T	P	dh	V	Bearing Dimensions		
						No.	d	B
ENG21	20	11	16	13	3	BAF625ZZ×1	5	5
ENG22	25	11	19	16	2.5	BAF626ZZ×1	6	6
ENG24	30	11	19	17		BAF685ZZ×2	8	6
ENG31	15	11	9			BAF625ZZ×2	5	5
ENG36	20	16	13			BAF625ZZ×2	5	5
	25	16	16			BAF626ZZ×2	6	6
	30	16	19	17		BAF698ZZ×2	8	6
	35	22	17			BAY6900ZZ×2	10	8
	40	22	17			BAF685ZZ×2	5	5
	15	11	9			BAF688ZZ×2	8	6
	20	16	14			BAF698ZZ×2	8	6
	25	19	17			BAF698ZZ×2	10	8
	30	21	19	17		BAY6000ZZ×2	10	8
	35	26	23			BAF6001ZZ×2	12	8
	40	28	25			BAF685ZZ×2	5	5
	15	11	9			BAF688ZZ×2	8	6
	20	16	14			BAF698ZZ×2	8	6
	25	19	17			BAY6000ZZ×2	10	8
	30	26	23			BAF6001ZZ×2	12	8
	35	28	25			BAF685ZZ×2	5	5
	40	28	25			BAF688ZZ×2	8	6
	15	11	9			BAF698ZZ×2	8	6
	20	16	14			BAY6000ZZ×2	10	8
	25	19	17			BAF6001ZZ×2	12	8
	30	26	23			BAF685ZZ×2	5	5
	35	28	25			BAF688ZZ×2	8	6
	40	28	25			BAF698ZZ×2	8	6
	15	11	9			BAY6000ZZ×2	10	8
	20	16	14			BAF6001ZZ×2	12	8



● Flanged

Part Number	D	T
ENG01	20	11
ENG02	25	11

ENG02—D25—T11

● Optional Processing

Part Number	D	T	Optional Processing Code
ENG01	20	11	FC()
ENG02	25	11	TC

ENG02—D25—T11—TC



① ENG02/22



① ENG04/24/36



① The Remaining



Optional Processing

Alterations Code	Flange Cut FC()	Flange Thickness TC
	Ordering Code FC18.5	Ordering Code TC
Spec.	① Lowers flange by cutting. ① 0.5 mm Increment ① D≤FC<D+4 ① Only applicable Flange Type.	① Machines flange thickness to 0.5 mm. ① L dimension becomes 1 mm shorter. ① Only applicable Flange Type. ① T=6, unable to further process TC.