

Metal collar ▶ Shoulder type

Regular type / Precision type



Please order according to the diagram

①~⑥ Select the type and parameters in the order of for ordering

Model(①Code) — ②D — ③H — ④V — ⑤T — ⑥L — VC DC HC...
FWHQA — D8 — H10 — V2 — T2 — L8 — VC

Optional Processing



Quantity	1~9	10~
Price	100%	Separate Quotation

Price Excluding Tax (Yen)

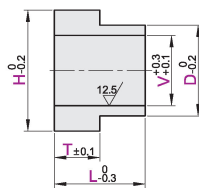


CAD 3D

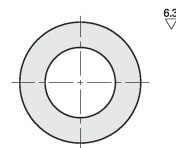
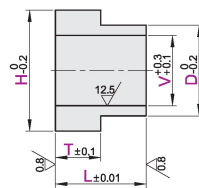
Code	Type	Material		Hardness	Surface Treatment
		National Standard	Equivalent		
FWHQA	Shoulder type	45	S45C	—	—
FWHQB					Black Oxide Finish
FWHQC					Electroless Nickel Plating
FWHQD					Black Oxide Finish
FWHQE	Precision type	9CrWMn	SKS3	53HRC~	Electroless Nickel Plating
FWJRA					—
FWJRB					Black Oxide Finish
FWJRC					Electroless Nickel Plating

① If rust prevention is required, stainless steel material or electroless nickel plating products are preferred.

Regular type



Precision type



Model		D	H	V	T	L
Code		Minimum Unit 0.5	Minimum Unit 0.5		Minimum Unit 0.1	Minimum Unit 0.1
Regular type	Precision type	4.0~9	6.0~12	(Selection) 1.5 2 2.6 (Minimum Unit 0.1) 3.0~58.0	1.0~10.0	2.0~20.0
	FWHQA	9.5~20	10.0~25			
	FWHQB	20.5~30	21.0~40			
	FWHQC	30.5~40	31.0~50			
	FWHQD	40.5~50	41.0~60			
	FWHQE	50.5~60	51.0~70			

Optional Processing

Code	Optional Processing	Technical Specification	Code	Optional Processing	Technical Specification
VC	Change inner diameter V tolerance	Selection Method VC V ± 0.1 Tolerance changed to V _{H7}	DC (g6) HC (h7)	Change outer diameter tolerance	Selection Method DC or HC Outer diameter tolerance changed to g6 or h7.

① When changing both the inner and outer diameter tolerances, the coaxiality is $\varnothing 0.02$.

Change regular type T tolerance	Optional Processing	Change T tolerance 1	Change T tolerance 2	Change T tolerance 3	Change T tolerance 4
	Code	TC	TD	TE	TF
	Change thickness tolerance 	Selection Method TC T ± 0.1 Tolerance changed to T ± 0.1	Selection Method TD T ± 0.1 Tolerance changed to T ± 0.1	Selection Method TE T ± 0.1 Tolerance changed to T ± 0.1	Selection Method TF T ± 0.1 Tolerance changed to T ± 0.1

Change precision type T tolerance	Optional Processing	Change T tolerance 5	Change T tolerance 6	Change T tolerance 7	Change T tolerance 8	Change T tolerance 9
	Code	TJ	TK	TP	TQ	TR
	Change thickness tolerance 	Selection Method TJ T ± 0.1 Tolerance changed to T ± 0.025	Selection Method TK T ± 0.1 Tolerance changed to T ± 0.01	Selection Method TP T ± 0.1 Tolerance changed to T ± 0.01	Selection Method TQ T ± 0.1 Tolerance changed to T ± 0.01	Selection Method TR T ± 0.1 Tolerance changed to T ± 0.01