Order guide

F WM X _ - J2 - H3 - M3

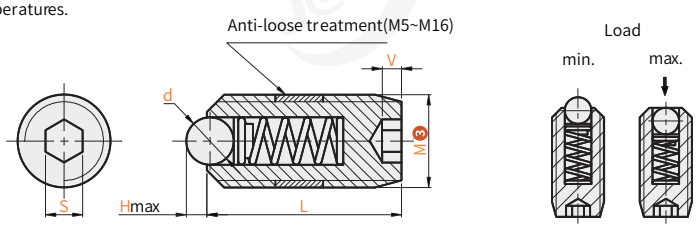
Major category: F
Series: WM X
Category: _
1 Body material: J2
2 Load: H3
3 Thread size: M3

◉ Please refer to the series code to select the type and par ameters f or ordering.

○ Anti-loosening type

Code	Type	Load②	Main body			Ball head		Spring	Operating temperature
			Material①	Hardness	S T	Material	Hardness	Material	
FWMX-J2-H3	Anti-loosening	Ultralight	SCM435 t load	33~38HRC	Blackened	SUJ2	56HRC~	SWP-B	-30~80C
FWMX-J2-H		Light load							
FWMX-S1-H4		Heavyload	SUS304	—	—				
FWMX-J2-H5		Overloaded	SCM4 35	33~38HRC	Nickel plated				
FWMX-C2-H3		Ultra ligh	t load S45C	33~38HRC	Blackened	Polyacetal	—		
FWMX-C2-H		Light load							
FWMX-C2-H4		Heavy load							
FWMX-C2-H5		Overloaded							

◉ M3, M4 specifications ar e not anti-loosening tr eatment.
◉ The best anti-loosening eff ect is achiev ed when subjected to high temper atures f or an e xtended period. The anti-loosening eff ect decr eases during short-term lo w temperatures.



Perspective standard: first perspective

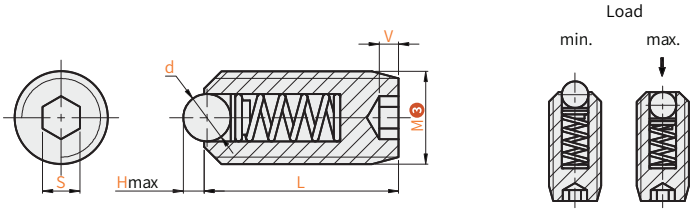
Model Code	M③	metallic ball d	metallic ball H	Resin ball head d	Resin ball head H	L	V	S	Load(N) Ultra light load min.	Ultra light load max.	Light load min.	Light load max.	Overload min.	Overload max.	Overloaded min.	Overloaded max.
Metal ball head FWMX-J2-H3 FWMX-J2-H FWMX-S1-H4 FWMX-J2-H5 / Resin ball head FWMX-C2-H3 FWMX-C2-H FWMX-C2-H4 FWMX-C2-H5	3	1.5	0.5	1	1	7	7	1.5	0.3	0.54	1	1.9	1.5	2.8	2.2	4.9
	4	2		2.4		9	1.5	2	0.5	1.6	19	4.9	3.8	9.8	2.5	124
	5	2.5	0.8	3.2	0.8	12	2	2.5	0.9	3.12	2.8	9.8	4.8	196	11.2	24.0
	6	3		3.2		13	2.5	3	1.5	4.85	4.8	14.7	9.7	29.4	17.7	33.3
	8	5	1	4	1	15	2.5	4	2.3	6.36	6.8	19.3	12.6	39.2	21.4	45.2
	10	6	1.2	4.8	1.2	16	3	5	2.9	8.	8.7	24.5	18.5	49.0	23.5	58.6
	12	8	1.8	7.1	1.88	20	3	6	3.4	9.68	9.7	29.4	195	58.8	24.1	62.2
	16	10	2.5	9.5	2.5	25	3	8	5.6	15.8	15.6	49.0	29.3	98.0	43.6	1159

◉ Resin ball head without M3 specification.

kgf=Nx0. 101972

○ Without anti-loosening type

Code	Type	Load②	Main body			Ball head		Spring	Operating temperature
			Material①	Hardness	ST	Material	Hardness	Material	
FWMY-J2-H3	Without anti-loosening	Ultrat alighod		29~35HRC	Blackened	SUJ2	56HRC~	SWP-B	-30~80°C
FWMY-J2-H		Light load	SCM4 35						
FWMY-S1-H4		Heavyload	SUS304	—	—				
FWMY-J2-H5		Overloaded	SCM4 35	29~35HRC	Nickel plated				



Perspective standard: first perspective

Model Code	M③	d	H	L	V	S	Load(N) Ultra light load min	Ultra light load max.	Light load min.	Light load max.	Overload min.	Overload max.	Overloaded min.	Overloaded max.
FWMY-J2-H3 FWMY-J2-H FWMY-S1-H4 FWMY-J2-H5	5	3	0.8	12	2	2.5	0.9	3.12	2.8	9.8	4.8	19.6	11.1	24.1
	6	3.5	1.2	13	2.5	3	1.5	4.85	4.8	14.7	9.7	29.4	17.6	33.4
	8	5	2	15		4	2.3	6.36	6.8	19.6	12.6	39.2	21.3	45.3
	10	6	2.5	16		5	2.9	8.1	8.7	24.5	18.5	49.0	23.4	58.7
	12	8	3	20	3	6	3.4	9.68	9.7	29.4	19.5	58.8	24	62.3
	16	10	4	25		8	5.6	15.8	15.6	49.0	29.3	98.0	43.5	115.9

kgf=Nx0. 101972