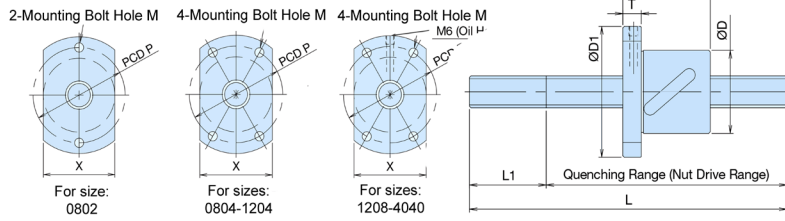


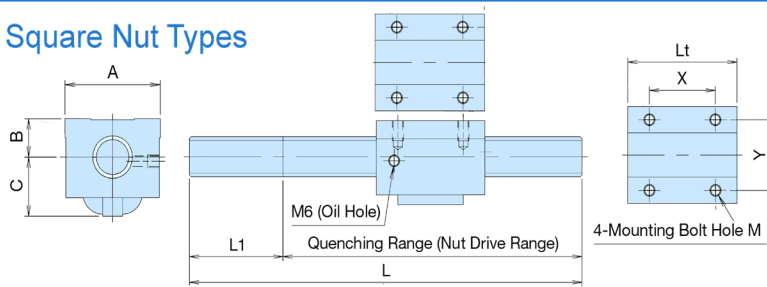
G-Series: Rolled, GW / GY

Applications: Cost Savings Alternative

Round Nut Types



Square Nut Types



GW / GY Features:

- **Wide variety in sizes**

An optimal size can be selected from the variety of screw shaft diameters and leads, eliminating unnecessary compromise in size selection

- **Several nut types available**

Nut types such as flange and square are suited for various mounting configurations

- **Interchangeable**

GY Series shafts and nuts are mutually compatible, thus interchangeable.

Summary of GW/GY specifications:

Component Type	Nut and Screw Assembly			
Series	GW		GY	
Manufacturing Process	Rolled thread	Rolled thread	Rolled thread	Rolled thread
Accuracy Grade	C7	C7	C10	C10
Standard or Custom	Standard	Standard	Standard	Standard
Design Measurement	Metric		Metric	
Nut Recirculating Design	Tube method, Round Nut	Tube method, Square Nut	Tube method, Round Nut	Tube method, Square Nut
Screw Shaft Diameter (mm)	08,10,12,15, 20, 25	15, 20, 25	08,10,12,15,25,28,32,36,40	15, 20, 25, 32
Pitch/Nominal Lead (mm)	02,04,05,06,08,10,16,20,25,32,40	02,04,05,10,16,20,25,32,40	02,04,05,06,10,16,20,25,32,40	02,04,05,10,16,20,25,32,40
Screw Shaft Diameter x Lead Available Combinations	0802,1004, 1005, 1006, 1010, 1202, 1204, 1208, 1210, 1505, 1510, 1516, 1520, 2005, 2010, 2020, 2505, 2510, 2525	1505, 1510, 2005, 2010, 2505,2510	0802, 0804, 0805, 1002, 1004, 1005, 1006, 1010, 1202, 1204, 1208, 1210, 1505, 1510, 1516, 1520, 2005, 2010, 2020, 2505, 2510, 2525, 2806, 3210, 3232, 3610, 3620, 4010, 4020, 4040	1505, 1510, 2005, 2010, 2505,2510, 3210
Screw Shaft Type	Unfinished shaft end or Machined shaft end	Unfinished shaft end or Machined shaft end	Unfinished shaft end or Machined shaft end	Unfinished shaft end or Machined shaft end
Overall Screw Shaft Length (mm)	200 to 2500	200 to 2500	200 to 4000	200 to 4000
Global Manufacturing Standard	JIS	JIS	JIS	JIS

Ordering Example: GW Series

Series	Screw Shaft Dia	Shaft Lead	# of Circuits	Nut Type	Flange Type	Ball Return System	Wiper Material	Thread Direction	Overall Screw Shaft Length	Shaft End Type	Thread Length	Accuracy Grade	Axial Clearance
GW	12	10	A	S	H	U	L	R	0400	x	0330	C7	Y
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭

Ordering Example: GY Series

Series	Screw Shaft Dia	Shaft Lead	# of Circuits	Nut Type	Flange Type	Ball Return System	Wiper Material	Thread Direction	Overall Screw Shaft Length	Shaft End Type	Thread Length	Accuracy Grade	Axial Clearance
GY	15	05	D	S	N	K	L	R	0600	X	0450	CA	Y
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭

G-Series: Rolled, GW / GY

Applications: Cost Savings Alternative

Shaft & Nut Dimensions: GW (C7 Rolled), GY(C10 Rolled)- Unfinished Shaft Ends

Model No.	Shaft dimensions							Nut dimensions									
	Shaft diameter (mm)	Lead (mm)	Root diameter (mm)	Circuit & turn	Basic dynamic load rating (N)	Basic static load rating (N)	Overall length	End Length L1	Body Dia A	Total length Lt	Thickness T	Dia D1	Width X	Width Y	Bolt Hole M	Oil hole Q	
Round Nut Options																	
GW/GY0802GS-HGNR-	8	2	6.6	3.5×1	1800	3200	200/400	55	20	28	6	40	24	30	M4	N/A	
GY0804DS-HANR-		4	6.3	2.5×1	1900	3100	200/400	55	23	28	5	38	24	30	M3	N/A	
GY0805DS-HUNR-		5	6.4	2.5×1	1900	3100	200/400	55	22	27	6	38	29	29	M3	N/A	
GY0808DS-HANR-		6	6.3	2.5×1	1200	1800	200/400	55	23	28	5	38	24	30	M3	N/A	
GY1002DS-HANR-	10	2	8.4	2.5×1	1700	3000	400/600	60	23	28	6	43	27	33	M4	N/A	
GW/GY102FGS-HGNR-		2.5	8.2	3.5×1	2600	5200	400/600	60	24	32	8	44	27	34	M4	N/A	
GW/GY1004DS-HANR-		4	7.8	2.5×1	2300	4800	400/600	60	26	34	8	46	28	36	M4	N/A	
GY1005DS-HUNR-		5	7.7	2.5×1	2300	4800	400/600	60	26	32	8	42	26	34	M4	N/A	
GY1006DS-HANR-		4	7.7	2.5×1	2300	4800	400/600	60	26	36	8	42	26	34	M4	N/A	
GW/GY1010AS-HANR-		10	7.8	1.5×1	1850	3200	400/600	60	28	34	8	47	30	36	M4	N/A	
GY1010BS-HANR-		10	7.8	1.5×1	1850	3200	400/600	60	28	34	8	47	30	36	M4	N/A	
GY1202DS-HANR-		12	2	10.6	2.5×1	2000	3600	400/800	60	25	30	8	42	27	34	M4	N/A
GW/GY1204DS-HANR-	4		10	2.5×1	2600	5800	400/800	60	30	35	8	50	30	40	M4	N/A	
GY1208DS-HULR-	8		10	2.5×1	3800	6700	400/800	60	29	44	10	45	30	37	M4	N/A	
GW/GY1210AS-HULR-	10		9.6	1.5×1	2850	4950	400/800	60	30	44	12	54	32	41	M5	M6	
GW/GY1210BS-HULR-	15	10	9.6	1.5×2	5100	9900	400/800	60	30	44	12	54	32	41	M5	M6	
GW/GY1505DS-HU*R-		5	12.5	2.5×1	5100	10500	600/1200	60	34	40	10	54	34	44	M4	M6	
GW/GY1510DS-HU*R-		10	12.5	2.5×1	5100	10500	600/1200	60	34	52	10	57	34	45	M4	M6	
GW/GY1510ES-HU*R-		10	12.5	2.5×1	9200	21000	600/1200	60	34	52	10	57	34	45	M4	M6	
GW/GY1516BS-HULR-		16	12.7	1.5×2	4300	10200	600/1200	60	32	51	10	53	32	42	M4	M6	
GW/GY1520BS-HU*R-		20	12.5	1.5×1	5800	13300	600/1200	60	34	59	10	57	34	45	M5	M6	
GW/GY2005DS-HU*R-		20	5	17.5	2.5×1	6200	14700	600/1200/2000	80	40	40	10	60	40	50	M4	M6
GW/GY2010DS-HU*R-			10	16.3	2.5×1	10600	22700	600/1200/2000	80	52	57	12	82	52	67	M6	M6
GW/GY2020DS-HU*R-	20		17.5	2.5×1	6200	14700	600/1200/2000	80	39	78	10	62	39	50	M5	M6	
GW/GY2020ES-HU*R-	20		17.5	2.5×2	11200	29400	600/1200/2000	80	39	78	10	62	39	50	M6	M6	
GW/GY2505DS-HU*R-	25	5	21.8	2.5×1	6600	18700	1000/2000/2500	110	43	40	10	67	43	55	M5	M6	
GW/GY2505ES-HU*R-		5	21.8	2.5×2	11900	37300	1000/2000/2500	110	43	55	10	67	43	55	M5	M6	
GW/GY2510ES-HU*R-		10	20.3	2.5×1	27500	76300	1000/2000/2500	110	60	92	15	96	60	78	M8	M6	
GW/GY2525DS-HU*R-		25	21.5	2.5×2	9300	22700	1000/2000/2500	110	47	96	12	74	47	60	M6	M6	
GY2525ES-HU*R-	28	25	21.5	2.5×2	16800	45400	1000/2000/2500	110	47	96	12	74	47	60	M6	M6	
GY2806ES-HUBR-		6	25.6	2.5×2	11250	29400	1000/2000/2500	150	50	65	12	80	50	65	M6	M6	
GY3210ES-HUBR-		10	27.2	2.5×2	32800	86700	1000/2000/3000	150	67	92	15	103	67	85	M8	M6	
GY3232BS-HUBR-		32	27.8	1.5×2	14600	38900	1000/2000/3000	110	58	86	15	92	58	74	M8	M6	
GY3610ES-HUBR-	36	10	31.1	2.5×2	35100	98200	1000/2000/3000	200	70	93	17	110	70	90	M10	M6	
GY3620ES-HUBR-		20	31.1	2.5×2	35100	98200	1000/2000/3000	200	70	93	17	110	70	90	M10	M6	
GY4010ES-HUBR-	40	10	35.1	2.5×2	37100	105600	2000/3000/4000	200	76	93	17	116	76	96	M10	M6	
GY4020ES-HUBR-		20	35.1	2.5×2	37100	105600	2000/3000/4000	200	76	89	17	116	76	96	M10	M6	
GY4040BS-HUBR-		40	35.1	1.5×2	23900	66900	2000/3000/4000	200	73	103	17	114	73	93	M10	M6	

Wiper material N: No wiper B: Brush Z: Lip of end cap serves as a wiper.

For the products marked with ***, it is possible to select L: Lip seal or S: LUBSEAL as Option

Model No.	Shaft dimensions							Nut dimensions								
	Shaft diameter (mm)	Lead (mm)	Root diameter (mm)	Circuit & turn	Basic dynamic load rating (N)	Basic static load rating (N)	Overall length	End Length L1	Nut Length A	Mounting Surface Height B	Nut Height C	Total Length Lt	Hole Pitch X	Hole Pitch Y	Bolt Hole M	Oil hole Q
Square Nut Options																
GW/GY1505DS-NKLR-	15	5	12.5	2.5×1	5100	10500	600/1200	60	34	13	18	35	22	26	M4	M6
GW/GY1510DS-NKLR-		10	12.5	2.5×1	5100	10500	600/1200	60	36	15	22	52	32	26	M5	M6
GW/GY2005DS-NKLR-	20	5	17.5	2.5×1	6200	14700	600/1200/2000	80	48	17	22	35	22	35	M6	M6
GW/GY2010DS-NKLR-		10	16.3	2.5×1	10600	22700	600/1200/2000	80	48	18	30	58	35	35	M6	M6
GW/GY2505DS-N	25	5	21.8	2.5×1	6600	18700	1000/2000/2500	110	60	20	25	35	22	40	M8	M6
GW/GY2510ES-NKLR-		10	20.3	2.5×2	27500	76300	1000/2000/2500	110	60	23	30	94	60	40	M8	M6
GY3210ES-NKBR-	32	10	27.2	2.5×2	32800	86700	1000/2000/3000	150	86	29	38	96	60	60	M10	M6