



Dog Point Hand Knob Screws

- Aluminum Head Material

Dog point prevents damage to end threads.

Thread Size	Screw Length	Item No.
1/4"-20	1 1/4 in	787LP4
	1 1/2 in	787LP3
	2 1/4 in	787LP5
5/16"-18	1 1/4 in	787LP6
	2 1/4 in	787LP7
	2 3/4 in	787LP8
3/8"-16	1 1/4 in	787LR0
	2 1/4 in	787LR9
	2 3/4 in	787LR2
1/2"-13	2 1/4 in	787LR1
	3 1/4 in	787LR3



787LP7



Fixture Clamps

Cam-action workholding clamps provide fast, strong clamping, and have a low profile design. Simple, 2-component design helps keep maintenance costs low, and the small size allows more parts per load.

Note: Clockwise rotation is recommended. Workpiece stop should be on the right of clamp.

Material	Holding Force	Thread Size	Dia.	Overall Height	Overall Width	Item No.	Pkg. Qty.
SAE	350 lb	#10-32	3/16"	1/2"	1/2 in	34CU45	10
	800 lb	1/4"-20	1/4"	21/32"	5/8 in	34CU46	10
	800 lb	5/16"-18	5/16"	21/32"	19/16 in	34CU48	12
	2000 lb	3/8"-16	3/8"	61/64"	19/16 in	34CU49	10
	4000 lb	1/2"-13	1/2"	1 1/4"	1 in	34CU50	8
Metric	910 N	M4	4mm	12.40mm	7.93mm	34CU52	10
	3558 N	M8	8mm	19.55mm	20.61mm	34CU54	12



Handwheels

Novo Grip gray thermoplastic wheels have steel insert and matte black finish. Aluminum wheels are lightweight with a polished finish.



Aluminum Disc



Aluminum 2-Spoke



Novo Grip No Handle



Novo Grip Revolving Handle

			NO HANDLE Item No.	FIXED HANDLE Item No.	REVOLVING HANDLE Item No.
Aluminum Disc	Dia.	Bore			
	3.15"	0.375"	3GJY7	3GJZ5	3GKA3
	3.94"	0.50"	3GJY8	3GJZ6	3GKA4
	4.92"	0.50"	3GJY9	3GJZ7	3GKA5
	5.51"	0.625"	3GJZ1	3GJZ8	3GKA6
	6.3"	0.625"	3GJZ2	3GJZ9	3GKA7
	7.87"	0.75"	3GJZ3	3GKA1	3GKA8
Aluminum 2-Spoke	9.87"	0.875"	3GJZ4	3GKA2	3GKA9
	3.15"	0.375"	3GKC1	3GKC7	3GKD4
	3.94"	0.50"	3GKC2	3GKC8	3GKD5
	4.92"	0.50"	3GKC3	3GKC9	3GKD6
	6.3"	0.625"	3GKC4	3GKD1	3GKD7
	7.87"	0.75"	3GKC5	3GKD2	3GKD8
	9.84"	0.875"	3GKC6	3GKD3	3GKD9
Novo Grip	Dia.	Bore			
	3.15"	0.375"	3DDJ6	3DDK9	3DDN3
	3.94"	0.375"	3DDJ8	3DDL2	3DDN5
	4.92"	0.50"	3DDK1	3DDL4	3DDN7
	6.3"	0.50"	3DDK3	3DDL6	3DDN8
	6.3"	0.50"	3DDK5	3DDL8	3DDP1
	6.3"	0.625"	3DDK7	3DDN1	3DDP3

Dovetail Fixtures and Cutters

- For accessories, see Grainger.com

Made to hold part on 4- and 5-axis CNC machines.

Fixtures provide rigid clamping while exposing

5 faces of the workpiece. Spring-loaded clamps

require a small amount of material to hold the workpiece. Prepare all parts with a single dovetail and utilize the same fixture for every part.



467W42

467W84

	For Use With	Item No.
Micro Dovetail Clamp Kit	Mfr. No. RWP-031SS/-032SS	467W93
	Mfr. No. RWP-006SS/-010SS	467W92
Clamping Kit	Mfr. No. RWP-019SS	467W89
	Mfr. No. RWP-017SS/-018/-018SS/-022SS	467W91
	Mfr. No. RWP-006/-006SS	467W88
	Mfr. No. RWP-002/-002SS/-003/-003-4X/-007SS/-011SS/-012SS/-015/-023/-024/-025/-024-2XR/-024-3XR/-024-4XR/-405	467W90
	Mfr. No. RWP-001/-001SS/-004/-013/-013SS/-401-11/-026/-027	467W87
Dia.	For Use With	Item No.
1 3/32"	Hard Materials, Steel, Titanium	467W84
3/4"	Aluminum, Brass, Soft Materials	467W83
	Hard Materials, Steel, Titanium	467W85

Max. Workpiece Weight	Max. Workpiece Size	No. of Clamps	Dovetail Height	Dovetail Width	Fixture Height	Max. Workpiece Size	Bolt Circle Dia.	Mfr. Model	Item No.
Machine Vise									
17-4 Stainless Steel									
6 lb.	3 1/4 in x 3 1/4 in	1	0.125"	0.500"	2 1/8 in	3 1/4 in x 3 1/4 in	—	RWP-017SS	467W67
	3 3/4 in x 3 3/4 in	1	0.125"	0.750"	2 1/8 in	3 3/4 in x 3 3/4 in	—	RWP-007SS	467W56
	3 3/4 in x 3 3/4 in	1	0.125"	0.750"	2 in	3 3/4 in x 3 3/4 in	—	RWP-011SS	467W57
7 lb.	3 3/4 in x 3 3/4 in	1	0.125"	0.750"	2 in	3 3/4 in x 3 3/4 in	—	RWP-012SS	467W58
	5 in x 5 in	2	0.125"	0.750"	1 1/4 in	5 in x 5 in	—	RWP-038SS	467W65
12 lb.	5 in x 5 in	2	0.125"	0.750"	3 in	6 3/8 in x 6 3/8 in	—	RWP-002SS	467W54
	6 3/8 in x 6 3/8 in	2	0.125"	1.500"	2 in	6 3/8 in x 6 3/8 in	—	RWP-013SS	467W48
25 lb.	6 3/8 in x 6 3/8 in	2	0.125"	1.500"	3 in	6 3/8 in x 6 3/8 in	—	RWP-001SS	467W45
	6 3/4 in x 6 3/4 in	2	0.125"	1.500"	2 in	6 3/4 in x 6 3/4 in	—	RWP-036SS	467W51
30 lb.	6 3/4 in x 6 3/4 in	2	0.125"	1.500"	2 in	7 1/2 in x 7 1/2 in	—	RWP-034SS	467W64
	7 1/2 in x 7 1/2 in	3	0.125"	0.750"	3 in	7 1/2 in x 7 1/2 in	—	RWP-030SS	467W63
40 lb.	7 1/2 in x 7 1/2 in	3	0.125"	0.750"	3 in	12 in x 12 in	—	RWP-006SS	467W43
	12 in x 12 in	2	0.187"	2.250"	3 1/8 in	8 in x 10 in	—	RWP-403SS-12	467W41
168 lb.	8 in x 10 in	—	0.250"	2.750"	—	—	—	—	—
	8 in x 10 in	—	0.250"	2.750"	—	—	—	—	—
Aluminum									
0.284 lb.	1 1/4 in x 1 1/4 in	1	0.078"	0.281"	1 1/2 in	1 1/4 in x 1 1/4 in	—	RWP-031SS	467W74
	1 1/4 in x 1 1/4 in	1	0.078"	0.281"	1 1/2 in	1 1/4 in x 1 1/4 in	—	RWP-032SS	467W75
2 lb.	2 1/2 in x 2 1/2 in	1	0.125"	0.500"	1 1/4 in	2 1/2 in x 2 1/2 in	—	RWP-019SS	467W71
	3 in x 3 in	1	0.125"	0.750"	1 1/2 in	3 in x 3 in	—	RWP-003	467W55
3 lb.	3 in x 3 in	1	0.125"	0.750"	1 1/2 in	3 in x 3 in	—	RWP-022SS	467W70
	3 1/4 in x 3 1/4 in	1	0.125"	0.500"	2 in	3 1/4 in x 3 1/4 in	—	RWP-018	467W68
6 lb.	3 1/4 in x 3 1/4 in	2	0.125"	0.500"	3 in	4 3/4 in x 4 3/4 in	—	RWP-018SS	467W69
	4 3/4 in x 4 3/4 in	2	0.125"	0.500"	3 in	5 in x 5 in	—	RWP-024	467W61
10 lb.	4 3/4 in x 4 3/4 in	2	0.125"	0.500"	3 in	4 3/4 in x 4 3/4 in	—	RWP-025	467W62
	5 in x 5 in	2	0.125"	0.500"	3 in	5 in x 5 in	—	RWP-024-2XR	467W79
12 lb.	5 in x 5 in	2	0.125"	0.500"	3 in	5 in x 5 in	—	RWP-002	467W53
	4 in x 4 in	1	0.125"	0.750"	1 1/2 in	4 in x 4 in	—	RWP-015	467W59
12.5 lb.	8 in x 4 in	3	0.125"	0.750"	4 in	8 in x 4 in	—	RWP-023	467W60
	8 in x 4 in	3	0.125"	0.750"	4 in	8 in x 4 in	—	RWP-027	467W50
16 lb.	8 1/2 in x 4 in	2	0.125"	0.750"	2 1/8 in	8 1/2 in x 4 in	—	RWP-004	467W46
	5 5/16 in x 5 5/16 in	2	0.125"	0.750"	3 in	5 5/16 in x 5 5/16 in	3 5/16"	RWP-013	467W47
18 lb.	5 3/4 in x 5 3/4 in	2	0.125"	0.750"	3 in	5 3/4 in x 5 3/4 in	3 5/16"	RWP-001	467W44
	5 3/4 in x 5 3/4 in	2	0.125"	0.750"	3 in	5 3/4 in x 5 3/4 in	4"	RWP-026	467W49
20 lb.	6 in x 6 in	2	0.125"	1.500"	3 in	6 in x 6 in	—	RWP-405	467W66
	6 3/4 in x 6 3/4 in	2	0.125"	1.500"	2 in	6 3/4 in x 6 3/4 in	3 5/16"	RWP-006	467W42
30 lb.	6 3/4 in x 6 3/4 in	2	0.125"	1.500"	3 in	6 3/4 in x 6 3/4 in	—	RWP-401-11	467W52
	6 3/4 in x 6 3/4 in	2	0.125"	1.500"	3 in	6 3/4 in x 6 3/4 in	—	—	—
65 lb.	4 in x 14 in	4	0.125"	0.750"	3 in	4 in x 14 in	—	—	—
	8 in x 10 in	2	0.187"	2.250"	3 1/8 in	8 in x 10 in	—	—	—
80 lb.	8 in x 10 in	2	0.187"	2.250"	3 1/8 in	8 in x 10 in	—	—	—
	17 in x 12 in	6	0.125"	1.500"	3 in	17 in x 12 in	—	—	—
140 lb.	17 in x 12 in	6	0.125"	1.500"	3 in	17 in x 12 in	—	—	—
	—	—	—	—	—	—	—	—	—