

This chart shows which slotted nuts can be used with which profile system.

✓ = fits together
✗ = doesn't fit

Slotted Nut Type		Profile Type			
		80/20®	>ASS<® & Gimatic®		
		1"	L/X	X	J/X
		(1010, 1020, 1030)	(2510, 2518)	(2525, 5025)	(4040, 8040)
>ASS< & Gimatic	M4 (L/X)	✓	✓	✓	✓
	M5 (X)	✓	✓	✓	✓
	M6 (J/X)	✓	✓	✓	✓
80/20	1/4"-20 (standard)	✓	✓	✓	✓
	M5 (standard)	✓	✓	✓	✓
	M6 (standard)	✓	✓	✓	✓
	1/4"-20 (economy)	✓	✗	✗	✓
	M6 (economy)	✓	✗	✗	✓

80/20

Best of Both Worlds

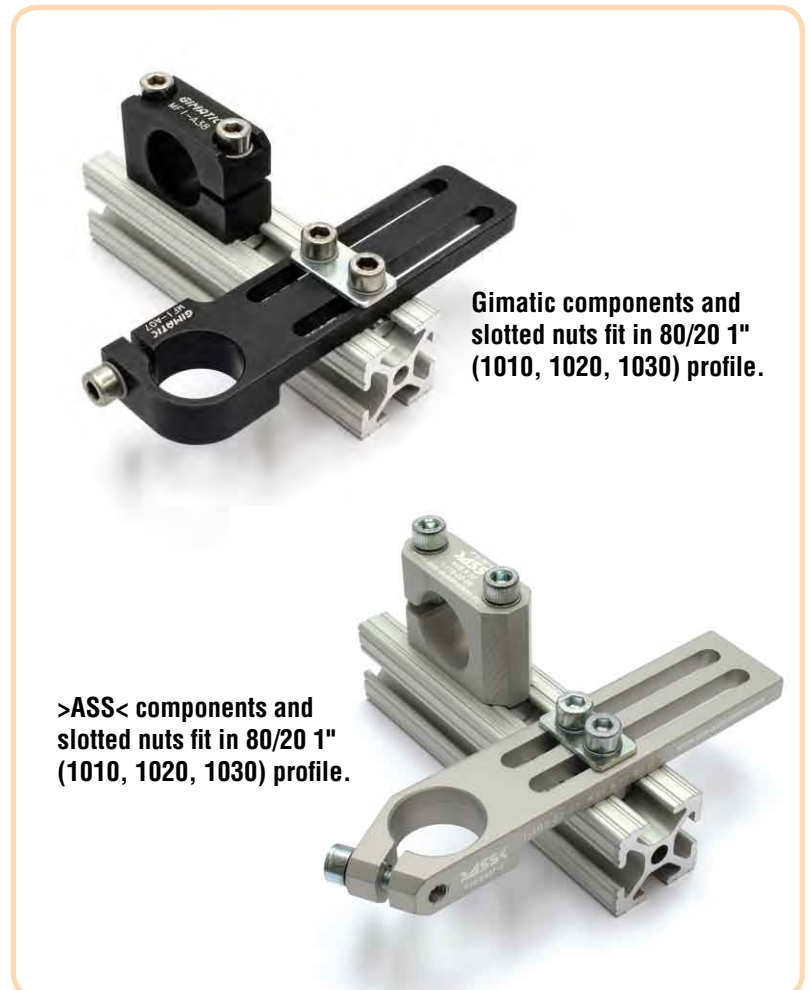
For those who prefer to use 80/20 Inch/Fractional profiles, but also want to use the wide variety of >ASS<, Gimatic, and SENVEX mounting brackets, we provide two compatibility charts.

The first chart shows which slotted nuts can be used with which profile system.

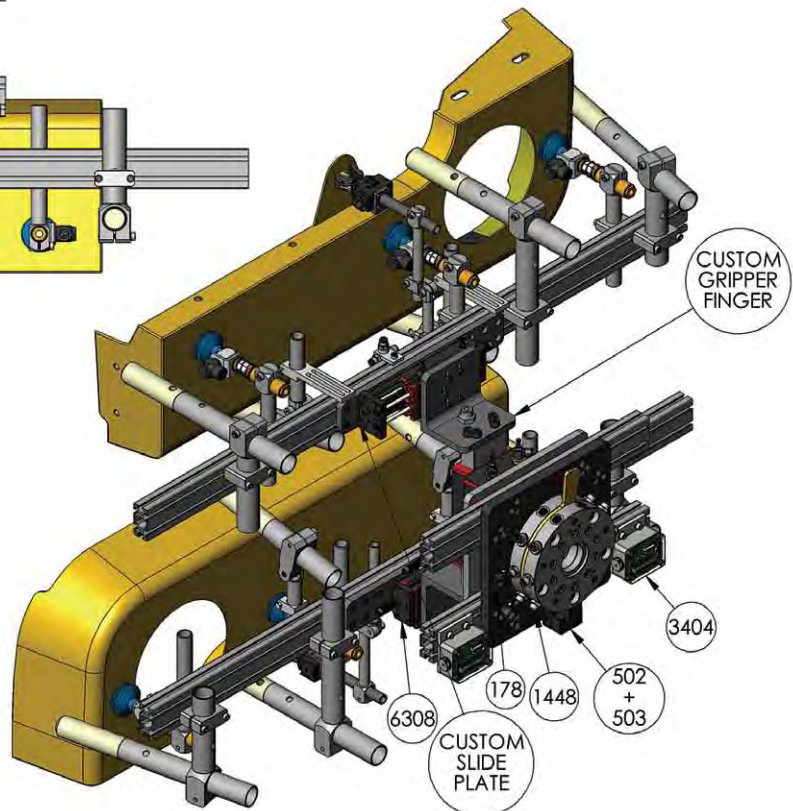
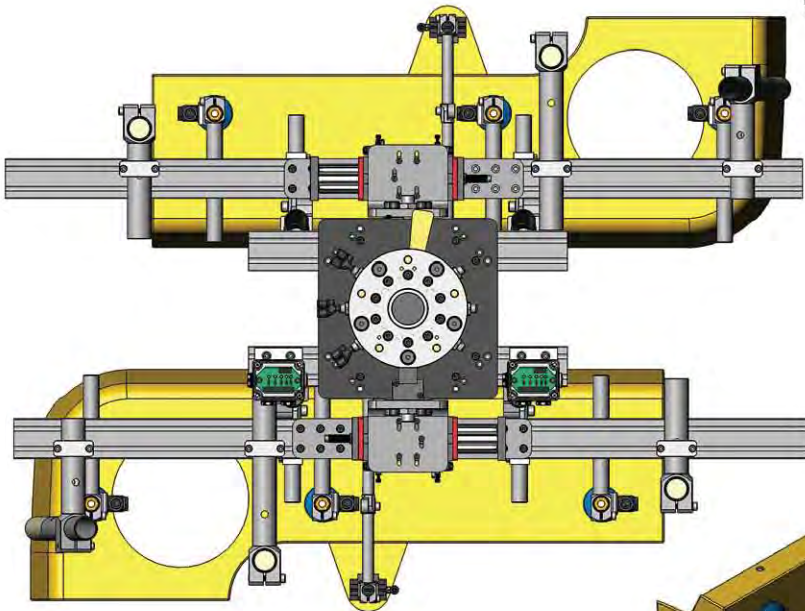
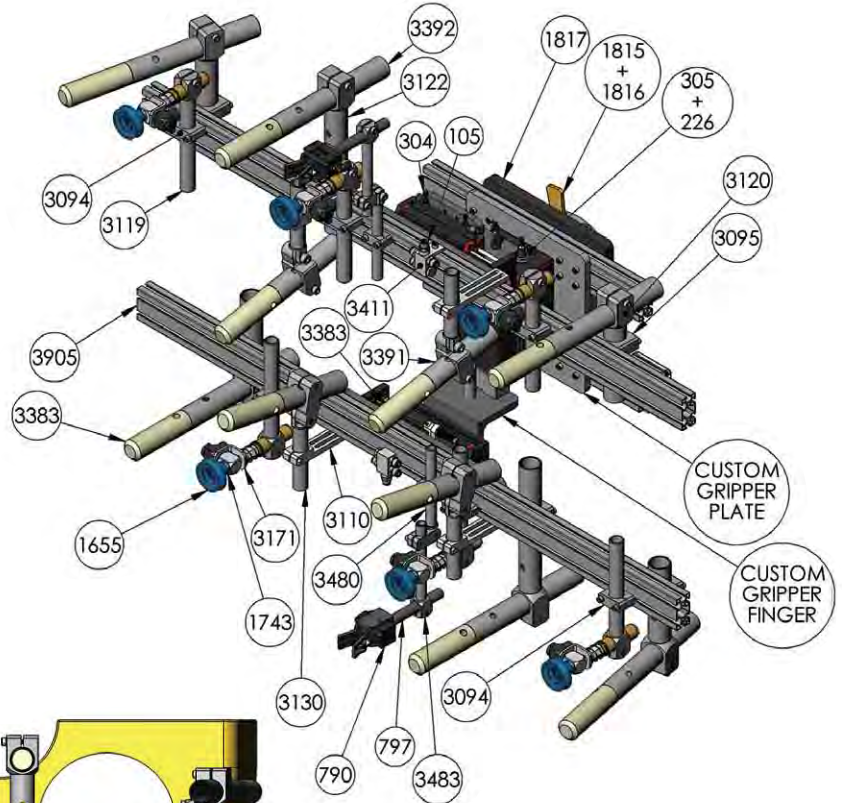
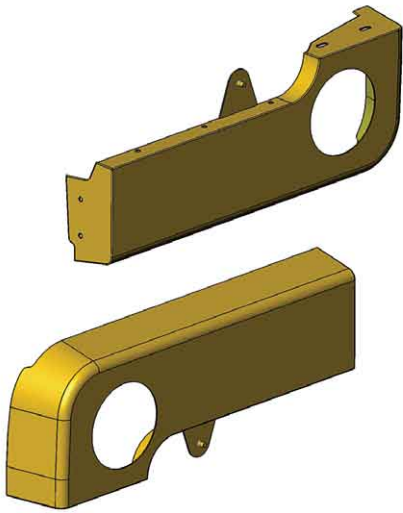
The second chart shows the length of screw needed to fasten brackets to 80/20 profiles. There is a minimum and maximum range bracket thickness whether you use (a) only a 0.6mm lock washer, or (b) a 0.6mm lock washer with a flat washer 1.0mm.

80/20 Profile

Screw Length (mm)	Lock Washer Thickness (mm)	Minimum Bracket Thickness (mm)	Maximum Bracket Thickness (mm)
10	0.6	1.6	5.1
	1.6	0.6	4.1
12	0.6	3.6	7.1
	1.6	2.6	6.1
14	0.6	5.6	9.1
	1.6	4.6	8.1
16	0.6	7.6	11.1
	1.6	6.6	10.1
18	0.6	9.6	13.1
	1.6	8.6	12.1
20	0.6	11.6	15.1
	1.6	10.6	14.1
22	0.6	13.6	17.1
	1.6	12.6	16.1
25	0.6	16.6	20.1
	1.6	15.6	19.1
30	0.6	21.6	25.1
	1.6	20.6	24.1
35	0.6	26.6	30.1
	1.6	25.6	29.1
40	0.6	31.6	35.1
	1.6	30.6	34.1
45	0.6	36.6	40.1
	1.6	35.6	39.1
50	0.6	41.6	45.1
	1.6	40.6	44.1



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