

# TENNSMITH BENCH MODEL HAND BRAKES

Tennsmith's bench-mounted hand brakes are rugged, dependable USA-made tools that won't break your budget.

TENNSMITH's bench-mounted hand brakes provide an economical means of performing a wide range of sheet metal bending and forming operations. These brakes are of all-steel welded construction, readily adjustable and utilize bronze bearings at pivot points.

Model HBU48-16 is a heavy-duty bench brake suitable for box and pan or straight bending in up to 16-gauge mild steel. The brake features a removable apron angle and apron insert permitting 1/4-inch reverse bends in lighter materials. The upper leaf and nose bar has a wide range of adjustment for radius bending. Standard equipment includes an apron stop rod for repeat bends, extension handles and a counterweight.



Model HBS48-16 is identical in features and capacity to the HBU48-16 but is intended solely for straight bending. Like our larger hand brakes, the HBS48-16 features a replaceable nose bar.

Models U48-22 and S48-22 are lighter capacity versions of the four-foot bench brake, which offer economical alternatives in working 22-gauge and lighter materials. Also, their lighter weights make these models better suited for transporting to remote job sites.

Available options:

Bolted Assembly Stand\*

Radius fingers

(\*Shown on Optional Stand)

	HBU48-16	HBS48-16	U48-22	S48-22
Capacity, Mild Steel	16 Gauge 1.60 mm	16 Gauge 1.60 mm	22 Gauge 0.75 mm	22 Gauge 0.75 mm
Bending Length	48-1/4 in. 1225 mm	48-1/4 in. 1225 mm	48-1/4 in. 1225 mm	48-1/4 in. 1225 mm
Maximum Depth Of Box	4 in. 101.70 mm	-	3 in. 76.2 mm	-
Maximum Lift Of Beam	1-1/4 in. 31.75 mm	1-3/4 in. 44 mm	7/8 in. 22.2 mm	7/8 in. 22.2 mm
Front To Rear Beam Adjustment	5/8 in. 16 mm	5/8 in. 16 mm	1/4 in. 6 mm	1/4 in. 6 mm
Minimum Reverse Bend	1/4 in. 6 mm	1/4 in. 6 mm	5/16 in. 7.9 mm	5/16 in. 7.9 mm
Minimum Flange In Capacity Material	1 in. 25 mm	1 in. 25 mm	3/8 in. 9.5 mm	3/8 in. 9.5 mm
Finger Widths	2, 3, 4 in. 51, 76, 101 mm	-	2, 3, 4 in. 51, 76, 101 mm	-
Shipping Weight	495 lbs. 224.5 kg	460 lbs. 208.7 kg	280 lbs. 127 kg	220 lbs. 100 kg