

## BENCH-MODEL HAND BRAKES

**MODELS**  
 HBU48-16  
 HBS48-16  
 U48-22  
 S48-22

**bench  
series**



Model HBU48-16  
Shown with optional stand.



Model HBS48-16  
Shown with optional stand.



Model U48-22  
Shown with optional stand.



Model S48-22  
Shown with optional stand.

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

Bench-Mounted Hand Brakes	HBU48-16	HBS48-16	U48-22	S48-22
Capacity, mild steel	16 gauge/1.6 mm	16 gauge/1.6 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./101.7 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

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.

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.



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