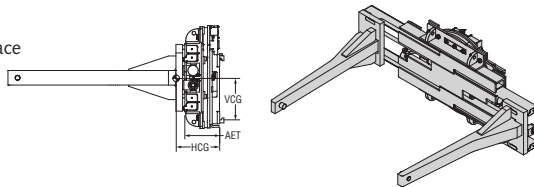


SQ Series Forging Clamps

- Handles molten billets/materials in and out of the furnace
- Higher capacities and non-rotating models available
- High temperature packing and seals



Forging Clamps: 360° Rotating, Sideshifting, 3 Functions

| Model Number | Capacity lb @ LC (in) ¹ | Opening Range (Arm to Arm) (in) | Arm Length (in) ⁴ | Class | Mounting Angle (°) | Weight (lb) |
|--------------|------------------------------------|---------------------------------|------------------------------|---------------------------|--------------------|-------------|
| SQ-3FRSA | 1,000 @ 68 | 5-44 | | II | 0 | 1,780 |
| SQ-8FRSC | 3,000 @ 68 | 5-64 | 72 | III or IV | 0 | 4,415 |
| SQ-12FRSC | 4,250 @ 68 | 7-80 | | IV ² | | 6,100 |
| SQ-20FRSN | 6,700 @ 72 | 15-89 | 76.5 | Pin/integral ³ | 0 | 8,500 |
| SQ-30FRSN | 10,000 @ 72 | 21-92 | | | | 11,210 |
| SQ-40FRSN | 15,000 @ 84 | 20-92 | 89 | | | 16,000 |
| SQ-80FRSN | 30,000 @ 96 | 10-96 | 102 | Pin/integral ³ | 0 | 26,750 |
| SQ-120FRSN | 75,000 @ 72 | 20-90 | 76 | | | 34,000 |

¹ Capacity of clamp and rotator at pin centers.

² Pin mounting option available.

³ Pin/integral mounting included in price.

⁴ Measured to end of arm.

Minimum Truck Carriage Width

| Model Number | Body Width (in) | Minimum Truck Carriage Width (in) |
|----------------------|-----------------|-----------------------------------|
| SQ-3FRSA | 41 | 33 |
| SQ-8FRSC | 50 | 35 |
| SQ-12FRS | 64 | 45 |
| SQ-20FRSN | 64 | N/A |
| SQ-30FRSN | 60 | N/A |
| SQ-40FRSN | 72 | N/A |
| SQ-80FRSN/SQ-120FRSN | 84 | N/A |

Recommended Hydraulic Supply

| Model Number | Flow (gpm) | Max psi |
|----------------|-----------------|---------|
| SQ3 | 12 | 2,000 |
| SQ8/12/20 | 24 | 2,000 |
| SQ30/40/80/120 | Consult factory | 2,500 |

Hydraulic flow less than minimum may reduce operating speed and/or cause irregular arm movement. Higher flow may result in heat build-up, erratic operation and shortened hydraulic system life.

Optional Equipment/Features

| Description |
|---|
| Arm modifications: non-standard arm lengths |
| Modified arm gussets for special |
| Furnace charging operations |
| Interchangeable arm brackets |
| Tip configurations: (blank arms standard) |
| Slip-on pads |
| Pins |
| Modified opening ranges |

Optional Mounting Hooks

| Model Number | Mounting Class |
|--------------------|-----------------|
| SQ-3FRSA | II |
| SQ-8FRSC | III or IV |
| SQ-12FRSC | IV ¹ |
| SQ-20/30/40/80/120 | Pin/integral |

¹ Pin mounting option available. For mounting other than shown, consult factory.