

PRODUCTION & DOWNHOLE | TUBING PRODUCTS
TUBING SHEAR



Features

- Tensile (Straight-pull) Activation
- Castellations provide for full torque transfer, regardless of activation load setting
- Activation load can be adjusted in field with common hand tools
- Pin x Box EUE Connections



FEATURES

Straight-Pull Activation

- Tubing Shear will only release (activate) with straight pull (pure tension).
- Part is impervious to activation in high torque or bending situations.

Complete Torque Transfer

- Interlocking castelations ensure complete torque transfer without risk of premature activation.

Adjustable Shear Load

- Up to eight shear screws can be installed in the tubing shear with simple hand tools.
- 5,000 lb and 2,000 lb shear screws available.

OPERATING SPECIFICATIONS & DIMENSIONS

Size	Maximum Torque	Maximum Pressure	L	D	ID	Weight
2-3/8 EUE	2200 ft-lb	5200 psi	9.5	3.06	1.995	8.3 lb
2-7/8 EUE	2810 ft-lb	5100 psi	10.25	3.67	2.441	12.2 lb
3-1/2 EUE	3910 ft-lb	3860 psi	11.5	4.50	2.992	20.6 lb

Activation Force (kip) ± 5%								
Screws	1	2	3	4	5	6	7	8
5,000 lb	5	10	15	20	25	30	35	40
2,000 lb	2	4	6	8	10	12	14	16

Note: Do not mix-and-match 5,000 lb and 2,000 lb screws.

PARTS LIST & MATERIALS OF CONSTRUCTION

Item	Part Name	Material
1	Body - Box	4140 QT
2	Body - Pin	4140 QT
3a	5,000 lb Shear Screw	Proprietary Brass Alloy
3b	2,000 lb Shear Screw (alt)	Proprietary Brass Alloy
4	O-Ring	FKM (Viton)
5	Backup Ring	PTFE

Refurb Kits are available for each specific size of Tubing shear, and include replacement seals, backup rings and 8 shear screws.

Size	2-3/8 EUE	2-7/8 EUE	3-1/2 EUE
Service Kit p/n	TS-238-SK	TS-288-SK	TS-350-SK

PACKAGING

Tubing Shears are shipped unboxed with EUE thread protectors. Refurb kits are shipped individually bagged with screws, seals and back-up rings.

ORDERING INFORMATION

Hawkeye Tubing Shear

Specify Tubing Size (2-3/8, 2-7/8 or 3-1/2 EUE)

Specify Shear Screw Rating (8 x 5,000 lb std, 2000 lb available)

