

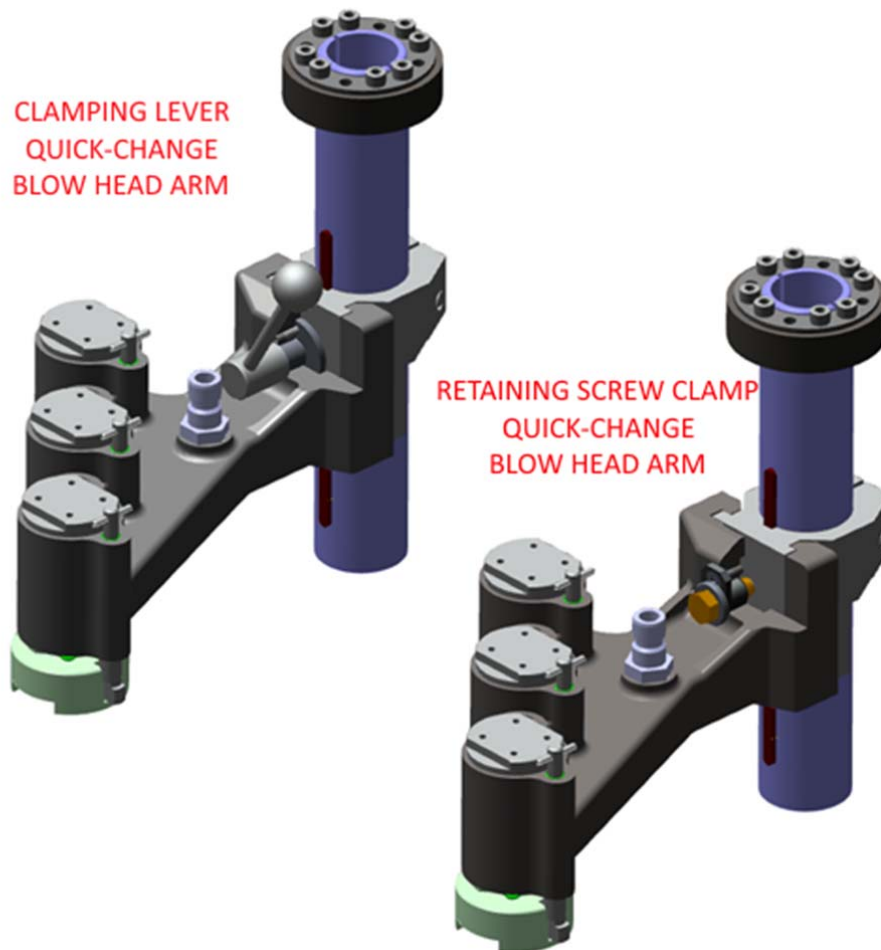
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Improved blowhead arms clamping

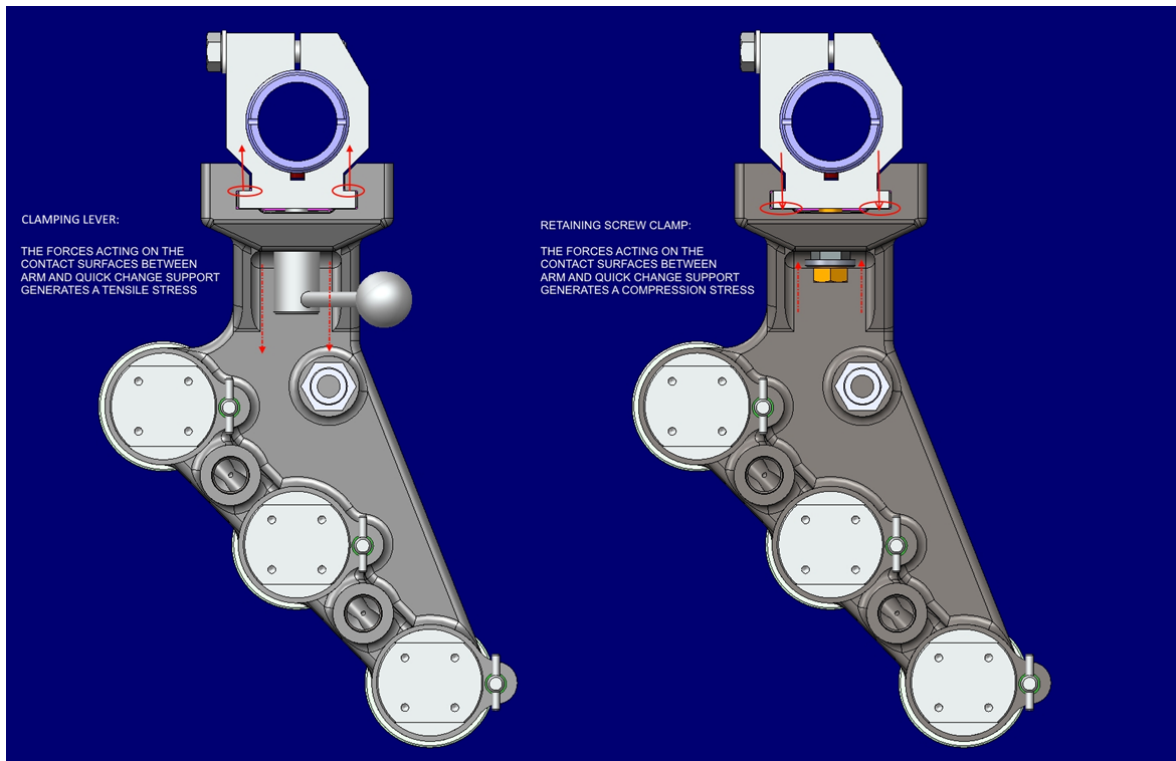
To match new challenges with faster machines running heavier accessories a review of the blowhead arm clamping for improving the arms robustness has been necessary.

The improved blowhead arm clamping is based on an alteration of the blowhead arm support in order to revert the direction of the forces exchanged between quick-change arm and support.



Using the clamping lever, the quick-change arm clamping is applied by pulling the arm from the support and it generates a tensile force.

Using the retaining screw clamp, the quick-change arm fastening is applied by pushing the arm towards the support and it generates a compressive force.



Specification

With the latest design review, all the blowhead arms are capable for both, clamping lever or retaining screw clamp.

The blowhead arm support has to be specified in accordance with the required clamping type.

Blowhead arms are listed in drawings 200-201-00 (Single Gob); 200-202-00 (Double gob) and 200-203-00 (Triple gob). For new supply, the blowhead arms are delivered with the clamping lever device mounted. The conversion kit to retaining screw (200-2181-1) is also part of the delivery but is packed separately.

Blowhead arm summary table			
Machine type		Blow head type	Part Number
4-1/4"	SG	Thread	200-201-11
		Bayonet	200-201-15
	DG	Thread	200-202-12
		Bayonet	200-202-17
	TG (3")	Thread	200-203-11
		Bayonet	200-203-16/17
5"	SG	Thread	200-201-12
		Bayonet	200-201-16
	DG	Thread	200-202-13
		Bayonet	200-202-18
	TG (85 mm)	Thread	N/A
		Bayonet	200-203-18/21
5-1/2"	SG	Thread	200-201-13
		Bayonet	200-201-17
	DG	Thread	200-202-14
		Bayonet	200-202-19
AIS and 6-1/4"	SG	Thread	N/A
		Bayonet	210-459-1/2
	DG	Thread	200-202-15
		Bayonet	200-202-20
	TG (4-1/4)	Thread	200-203-14
		Bayonet	200-203-19/20

The blowhead arm mounting parts are listed in drawings 200-200-00 (5" and 4-1/4" arms) and 210-178-00 (AIS, 6-1/4" and 5-1/2" arms).

Blowhead arm mounting parts must be specified depending from the clamping requirements.

Mounting parts for quick change arms summary table		
Machine type	Arm clamping type	Part Number
4-1/4" & 5"	Clamping lever	200-200-1
	Retaining screw clamp	200-200-2
AIS, 6-1/4" 5-1/2"	Clamping lever	210-178-1
	Retaining screw clamp	210-178-4

Installation requirements

- All the new blowhead arms are fully interchangeable with the previous equipment
- Existing quick-change blowhead arms can be converted to the retaining screw clamping by ordering the proper conversion kit.
- When converting to the retaining screw clamping, the quick-change mounting parts must be realigned by using the aligning fixture 94-434

Retaining screw clamp conversion kits for existing quick-change blowhead arms	
Machine type	Part Number
4-1/4" & 5"	200-2181-3
AIS, 6-1/4" 5-1/2"	200-2181-2

Features / Benefits

Features	Benefits
Retaining screw clamping	Extended blowhead arm life time
Retaining screw clamping	Improved clamping efficiency
Clamping lever	Faster accessories exchange