



bigHead®

Core Range Overview



«every bigHead® is perfectly engineered.»



CORE RANGE OVERVIEW

Product Range | Availability



Head type	B20	B30	B38A
Head size	Ø 20 mm Head, 1.2 mm thick, 6 perforation holes (Ø 3.5 mm)	Ø 30mm Head, 1.2 mm thick, 6 perforation holes (Ø 5 mm)	Ø 38mm Head, 1.2 mm thick, 12 perforation holes (Ø 5 mm)
Product weight	3.7 ~ 11.4 g Depending on fixing	6.7 ~ 14.5 g Depending on fixing	9.5 ~ 17.5 g Depending on fixing
Maximum tensile load	2 ~ 5 kN Depending on fixing	3.5 ~ 6 kN Depending on fixing	3.5 ~ 8 kN Depending on fixing

- Consistent dimensions over 3 head sizes and 2 material grades – in total 156 variants!
- Supported by application relevant data and test values
- Optimized availability and delivery times
- Fast and easy sample handling
- Simple and proven usability

Fixing	Threaded collar				Threaded stud			
Material availability	F2 - Carbon steel				M1 - Carbon steel			
	SF2 - 316 Stainless				SM1 - 316 Stainless			
Head type	B20	B30	B38A		B20	B30	B38A	
Thread size availability	M4	M5	M6	M8	M4	M5	M6	M8
Thread length availability	5, 10 mm	5, 10, 15 mm	5, 10, 15 mm	10, 15 mm	12, 16, 20, 25 mm			
Product coding examples	SF2/B20 - M8 x 10 316 Stainless collar + B20 Head → M8 thread → 10 mm long				M1/B30 - M5 x 20 Carbon steel stud + B30 Head → M5 thread → 20 mm long			

The information within this document is for guidance purposes only and does not constitute a guarantee or warranty of any kind. bigHead cannot accept liability for performance arising from use of these products. Application suitability should always be determined by appropriate testing and evaluation. Drawings and diagrams are for illustrative purposes only and may differ from actual products. For technical inquiries, please contact bigHead on www.bossard.com

CORE RANGE OVERVIEW

Process integration options

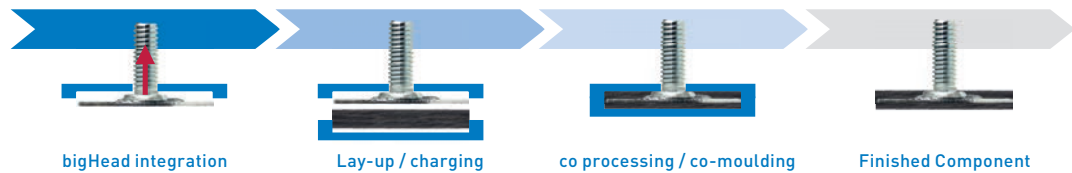
It is possible to install a bigHead after manufacturing the parent component, or the bigHead can integrate into the component manufacturing; we

call this “post-process” or “co-process” installation. The Core Range now makes your choice even easier.

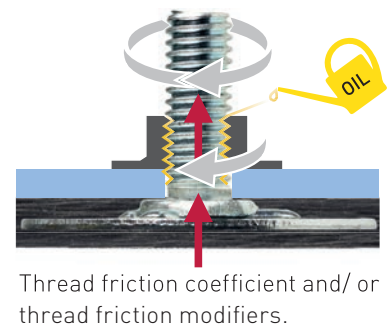
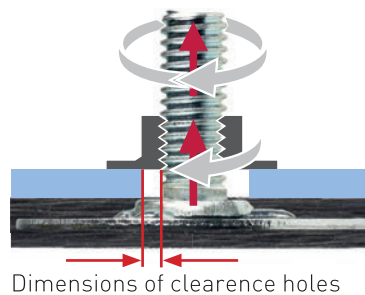
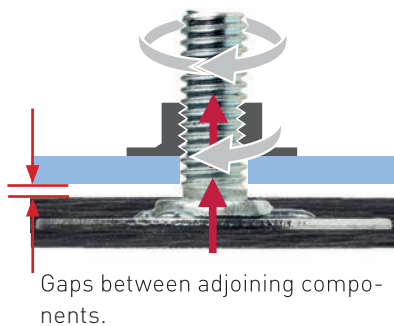
Post-process:
Install bigHeads after your manufacturing process



Co-process:
Integrate bigHeads during your manufacturing process

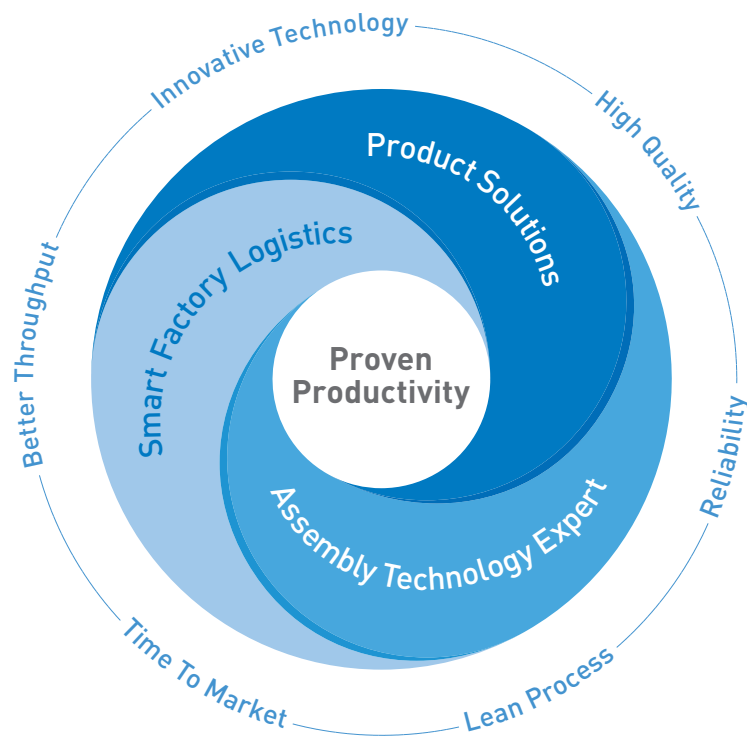


Assembly design - critical considerations



PROVEN PRODUCTIVITY – A PROMISE TO OUR CUSTOMERS

The strategy for success



From years of cooperation with our customers we know what achieves proven and sustainable impact. We have identified what it takes to strengthen the competitiveness of our customers. Therefore we support our customers in three strategic core areas.

Firstly, when finding optimal **Product Solutions**, that is in the evaluation and use of the best fastening part for the particular function intended in our customers' products.

Second, our **Assembly Technology Expert** services deliver the smartest solutions for all possible fastening challenges. Our services cover from the moment our customers developing a new product, to

assembly process optimization as well as fastening technology education for our customers' employees.

And thirdly, optimising our clients' productions in a smart and lean way with **Smart Factory Logistics**, our methodology, with intelligent logistics systems and tailor-made solutions.

Understood as a promise to our customers, "Proven Productivity" contains two elements: Firstly, that it demonstrably works. And secondly, that it sustainably and measurably improves the productivity and competitiveness of our customers.

And this for us is a philosophy which motivates us every day to always be one step ahead.

www.bossard.com