DAN-LOC STUD

DAN LOC GROUP

Threaded Products | Fasteners & Gaskets | Precision Machining

BENEFITS:

- **MECHANICAL PROPERTIES MEET OR EXCEED COMPARABLE TAP-ENDS**
- **COMPLIES WITH ASME B18.31.2 DIMENSIONAL REQUIREMENTS**
- **PROPRIETARY MANUFACTURING PROCESS PROVIDES POSITIVE STOP (LAST SCRATCH) THREAD LENGTH**
- **MANUFACTURING PROCESS PROVIDES QUICKER TURN AROUND TIME**
- **2A THREAD FIT**

www.danlocgroup.com
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FASTRAC SOLUTIONS

PERFORMANCE THAT COUNTS.

The Dan-Loc Stud performs like the traditional tap-end stud, but through a proprietary manufacturing process creates a “positive” stop on an all thread stud. This process allows for precise threaded length for assembly into blind hole. This ensures that multiple Dan-Loc Studs threaded into a valve body, block or any drilled and tapped applications will protrude from the piece at a uniform length.

- Dan-Loc Studs are produced from all thread studs providing quicker manufacturing cycle times
- Tap-end and nut end have the same 2A thread fit
- Positive self-locking feature - identical to last scratch feature of a tap-end
- Mechanical testing is comparable with standard all thread and tap-end studs
- When ordering, please specify:
  - Diameter (D)
  - Length overall (L) – End-to-end (if first thread to first thread is required, order must specify F-to-F)
  - Desired tap-end thread length

WE PERFORM SO YOU CAN PERFORM.

DAN-LOC STUD

FEATURES & BENEFITS

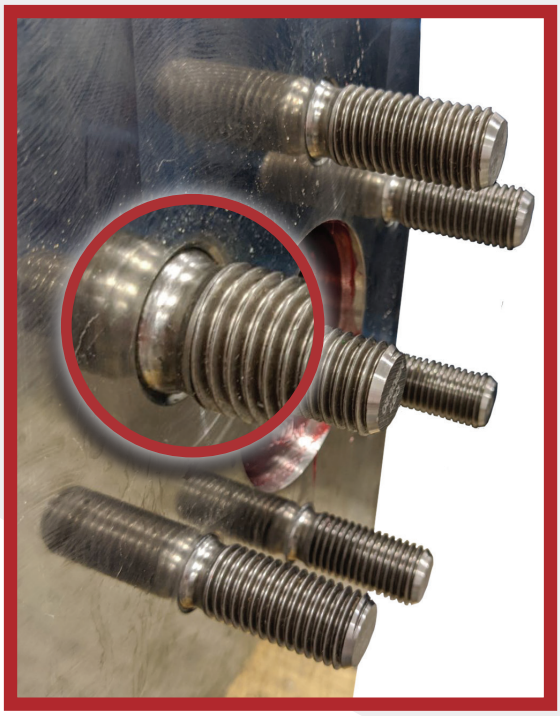
- Dan-Loc Studs are manufactured from all thread studs, which are roll threaded
- Performs like a traditional tap-end, allowing uniformity during installation
- Meets or exceeds mechanical requirements for tap-end studs
- Many applications from valve bodies, fluid end blocks to flanges to man-way covers and more
- Cost savings over conventional tap-end studs
- Decreased manufacturing lead-times for expedited needs
- Can be used for API 20E BSL1 applications

SIZES / COATINGS

DIAMETER SIZE RANGE: 1/2" – 3-1/2" diameter (Smaller diameters available upon customer request)

COATINGS:

- XYLAN™ / PTFE
- Cadmium
- Zinc
- Xylar™ 2
- Sermagard™ 1105/1280
- Moly Coat



PERFORMANCE REALIZED.

	0.625			0.75			0.875			1.000			1.125		
Row Labels	Average of Tensile	Average of Surface Hardness (HRC)	Average of Root Hardness (HRC)	Average of Tensile	Average of Surface Hardness (HRC)	Average of Root Hardness (HRC)	Average of Tensile	Average of Surface Hardness (HRC)	Average of Root Hardness (HRC)	Average of Tensile	Average of Surface Hardness (HRC)	Average of Root Hardness (HRC)	Average of Tensile	Average of Surface Hardness (HRC)	Average of Root Hardness (HRC)
ALL Thread	135,107	30.20	28.80	131,392	29.00	28.20	128,110	29.20	28.40	132,527	30.00	30.20	131,217	30.20	29.60
Dan-Loc Stud	**133,350**	**29.80**	**29.60**	**132,301**	**30.40**	**30.20**	**129,452**	**28.80**	**28.80**	**133,450**	**31.80**	**31.00**	**132,961**	**30.80**	**30.20**
Nominal	127,750	27.20	27.20	129,741	28.60	28.40	127,292	28.20	28.20	132,075	30.80	30.60	130,765	30.20	29.40
TapEnd	132,907	29.40	29.40	130,290	29.00	29.40	127,236	27.80	27.80	132,027	30.80	30.00	131,655	30.40	29.40

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