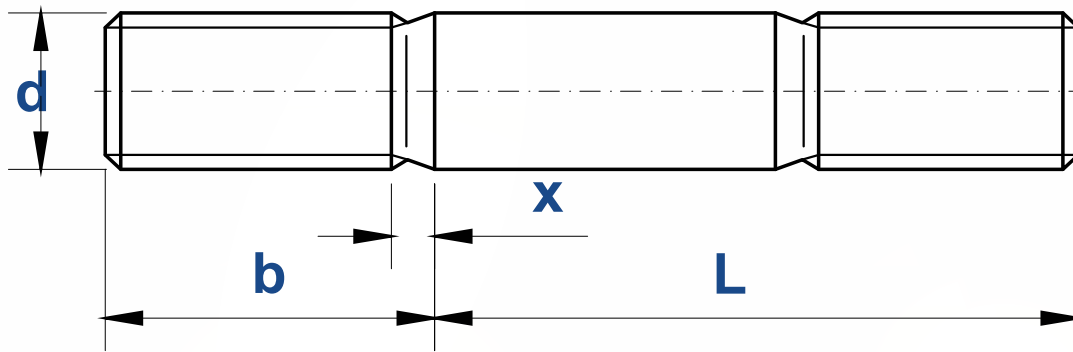




Thread Size d		MFS5	MFS6	(MFS7)	MFS8	MFS10	MFS12	(MFS14)	MFS16
P	Coarse Thread	0.8	1	1	1.25	1.5	1.75	2	2
	Fine thread	/	/	/	1	1.25	1.5	1.5	1.5
b		13	15	18	20	25	30	35	40
x		2.0	2.5	2.5	3.2	3.8	4.3	5.0	5.0

①, Studs according to this standard are used for screwing into light metals (including aluminum). Studs with metric threads (MFS) are not suitable for screwing into steel or cast iron. The tight fit thread (MFS) according to DIN 8141-1 applies to both thread ends.

A distinction is made between two types of studs with an MFS interference fit thread:

- Form A with screw-in length $\approx 2d$ for property classes 5.6 and 8.8 (see DIN 949-1)

- Form B with screw-in length $\approx 2.5d$ for strength class 10.9 (see DIN 949-2)

Threaded bolts with a continuous metric thread and a continuous metric fixed seat thread MFS are specified in DIN 976-1 and DIN 976-2.

②, Material:

a) Steel, Strength class (material): 10.9; Standard DIN EN 20898-1

b) Other strength classes or materials shall be subject to agreement