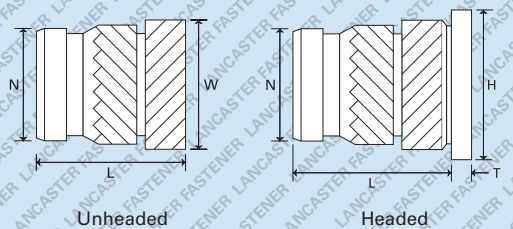


Technical Data

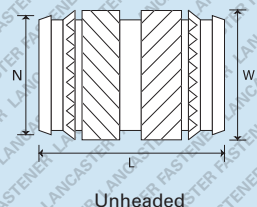
Brass Inserts for Plastics

Sonic-Fix Unheaded (UHDFIX) Headed (HDFIX)



THREAD	METRIC	M2	M2.5	M3	M3.5	M4	M5	M6	M8	M10
	UNIFIED	2.56 UNC	-	4.40 UNC	6.32 UNC	8.32 UNC	10.24 UNC 10.32 UNF	1/4-20 UNC 1/4-28 UNF	5/16-18 UNC 5/16-24 UNF	3/8-16 UNC 3/8-24 UNF
L mm		4.0	5.7	5.7	7.1	8.1	9.5	12.7	12.7	12.7
W mm		3.6	4.6	4.6	5.4	6.3	7.1	8.7	10.2	12.6
T mm		0.53	0.61	0.61	0.76	0.91	1.09	1.35	1.35	1.60
H mm		4.8	5.5	5.5	6.4	7.1	7.9	9.5	11.1	14.0
N mm		3.1	3.9	3.9	4.7	5.5	6.3	7.9	9.5	11.8
RECOMMENDED HOLE SIZE mm (-0.0/+0.1)		3.2	4.0	4.0	4.8	5.6	6.4	8.0	9.6	11.9
MINIMUM WALL THICKNESS mm		1.3	1.6	1.6	1.8	2.1	2.6	3.3	4.5	6.0

Tech-Fix Unheaded (UHDTECFIX)

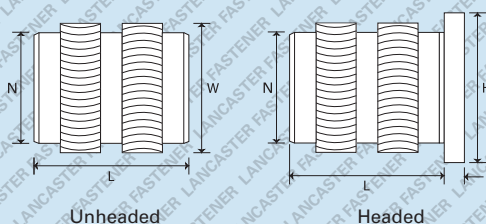


THREAD	METRIC	M2	M2.5	M3	M3.5	M4	M5	M6	M8	M10
	UNIFIED	2.56 UNC	-	4.40 UNC	6.32 UNC	8.32 UNC	10.24 UNC 10.32 UNF	1/4-20 UNC 1/4-28 UNF	5/16-18 UNC 5/16-24 UNF	3/8-16 UNC 3/8-24 UNF
L mm		4.0	5.7	5.7	7.1	8.1	9.5	12.7	12.7	12.7
W mm		3.5	4.4	4.4	5.2	6.1	6.8	8.5	10.0	12.3
N mm		3.1	3.9	3.9	4.7	5.5	6.3	7.9	9.5	11.8
RECOMMENDED HOLE SIZE mm (-0.0/+0.1)		3.2	4.0	4.0	4.8	5.6	6.4	8.0	9.6	11.9
MINIMUM WALL THICKNESS mm		1.3	1.6	1.6	1.8	2.1	2.6	3.3	4.5	6.0

Technical Data

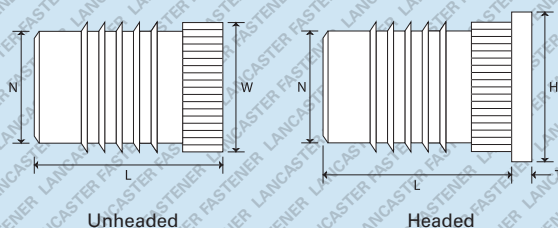
Brass Inserts for Plastics

Heat-Fix Unheaded (UHDHEAFIX) Headed (HDHEAFIX)



THREAD	METRIC	M2	M2.5	M3	M3.5	M4	M5	M6	M8
	UNIFIED	2.56 UNC	-	4.40 UNC	6.32 UNC	8.32 UNC	10.24 UNC 10.32 UNF	1/4-20 UNC 1/4-28 UNF	5/16-18 UNC 5/16-24 UNF
L mm		3.9	5.8	5.8	7.1	8.1	9.5	12.7	12.7
W mm		3.5	4.4	4.4	5.2	6.1	6.9	8.5	10.0
T mm		0.51	0.58	0.58	0.74	0.89	1.07	1.32	1.32
H mm		4.8	5.5	5.5	6.4	7.1	7.9	9.5	11.1
N mm		3.1	3.9	3.9	4.7	5.5	6.3	7.9	9.5
RECOMMENDED HOLE SIZE mm (-0.0/+0.1)		3.2	4.0	4.0	4.8	5.6	6.4	8.0	9.6
MINIMUM WALL THICKNESS mm		1.4	1.8	1.8	2.1	2.4	2.8	3.6	5.0

Fin-Fix Unheaded (UHDFINIFIX) Headed (HDFINIFIX)

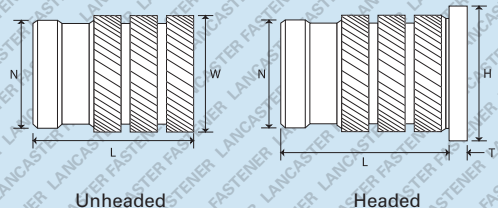


THREAD	METRIC	M2	M2.5	M3	M3.5	M4	M5	M6	M8
	UNIFIED	2.56 UNC	-	4.40 UNC	6.32 UNC	8.32 UNC	10.24 UNC 10.32 UNF	1/4-20 UNC 1/4-28 UNF	5/16-18 UNC 5/16-24 UNF
L mm		4.0	4.8	4.8	6.4	7.9	9.5	12.7	12.7
W mm		3.7	4.5	4.5	5.3	6.1	7.0	8.6	10.2
T mm		0.45	0.58	0.58	0.74	0.89	1.07	1.32	1.32
H mm		4.8	5.5	5.5	6.4	7.1	7.9	9.5	11.0
N mm		3.1	3.9	3.9	4.7	5.5	6.3	7.9	9.5
RECOMMENDED HOLE SIZE mm (-0.0/+0.1)		3.2	4.0	4.0	4.8	5.6	6.4	8.0	9.6
MINIMUM WALL THICKNESS mm		1.6	2.0	2.0	2.4	2.8	3.2	4.0	4.8

Technical Data

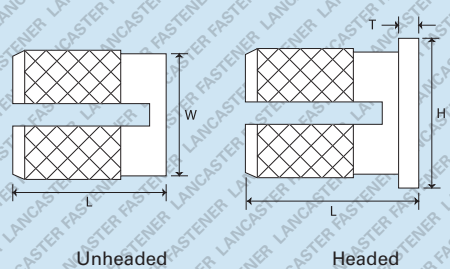
Brass Inserts for Plastics

Broach-Fix Unheaded (UHDBROFIX) Headed (HDBROFIX)



THREAD	METRIC	M2	M2.5	M3	M3.5	M4	M5	M6	M8	M10
	UNIFIED	2.56 UNC	-	4.40 UNC	6.32 UNC	8.32 UNC	10.24 UNC	1/4-20 UNC	5/16-18 UNC	3/8-16 UNC
							10.32 UNF	1/4-28 UNF	5/16-24 UNF	3/8-24 UNF
L mm		4.1	5.3	5.3	6.3	7.4	8.3	9.2	9.2	9.2
W mm		3.3	4.2	4.2	5.0	5.8	6.6	8.2	9.7	12.7
T mm		0.51	0.58	0.58	0.74	0.89	1.07	1.32	1.32	1.57
H mm		4.8	5.5	5.5	6.4	7.1	7.9	9.5	11.1	14.0
N mm		3.0	3.7	3.7	4.5	5.3	6.1	7.7	9.3	12.3
RECOMMENDED HOLE SIZE mm (-0.0/+0.1)		3.1	3.8	3.8	4.6	5.4	6.2	7.8	9.3	12.3
MINIMUM WALL THICKNESS mm		1.6	2.0	2.0	2.5	2.5	2.5	2.8	3.8	5.0

Expansion-Fix Unheaded (UHDEXPFIX) Headed (HDEXPFIX)

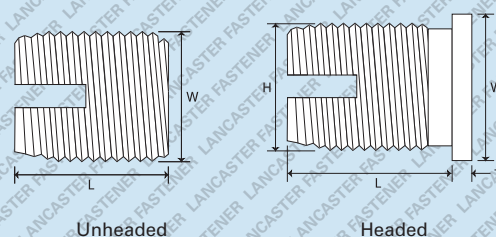


THREAD	METRIC	M2	M2.5	M3	M3.5	M4	M5	M6	M8
	UNIFIED	2.56 UNC	-	4.40 UNC	6.32 UNC	8.32 UNC	10.24 UNC	1/4-20 UNC	5/16-18 UNC
							10.32 UNF	1/4-28 UNF	5/16-24 UNF
L mm		3.9	4.7	4.7	6.3	7.9	9.4	12.6	12.6
T mm		0.43	0.51	0.51	0.66	0.82	0.99	1.25	1.25
H mm		4.8	5.5	5.5	6.4	7.1	7.9	9.5	11.1
W MAX mm		3.2	4.0	4.0	4.7	5.5	6.3	7.9	9.5
RECOMMENDED HOLE SIZE mm (-0.0/+0.1)		3.2	4.0	4.0	4.8	5.6	6.4	8.0	9.6
MINIMUM WALL THICKNESS mm		2.4	3.2	3.2	3.6	4.0	4.8	6.0	7.0

Technical Data

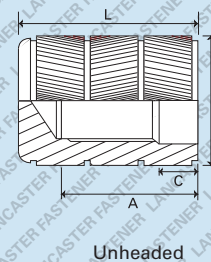
Brass Inserts for Plastics

Thread-Fix Unheaded (UHDTHRFIX) Headed (HDTHRFIX)



THREAD	METRIC	M2.5	M3	M3.5	M4	M5	M6	M8	M10
	UNIFIED	-	4.40 UNC	6.32 UNC	8.32 UNC	10.24 UNC 10.32 UNF	1/4-20 UNC 1/4-28 UNF	5/16-18 UNC 5/16-24 UNF	3/8-16 UNC 3/8-24 UNF
L mm		6.0	6.0	8.0	8.0	10.0	14.0	15.0	18.0
T mm		0.58	0.58	0.73	0.89	1.06	1.32	1.32	1.57
H mm		6.0	6.5	7.5	8.0	9.5	12.0	14.0	16.0
W mm MAX		4.5	5.0	6.0	6.5	8.0	10.0	12.0	14.0
RECOMMENDED HOLE SIZE THERMOPLASTICS mm		4.0 - 4.1	4.5 - 4.6	5.3 - 5.4	5.8 - 5.9	7.1 - 7.2	8.6 - 8.8	10.6 - 10.8	12.6 - 12.8
RECOMMENDED HOLE SIZE THERMOSETS mm		4.1 - 4.3	4.6 - 4.8	5.5 - 5.7	6.0 - 6.2	7.3 - 7.6	9.0 - 9.4	11.0 - 11.4	13.0 - 13.4

Flow-Fix Unheaded (UHDFLOFIX)



THREAD	METRIC	M2	M2.5	M3	M3.5	M4	M5	M6	M8	M10
	UNIFIED	2.56 UNC	-	4.40 UNC	6.32 UNC	8.32 UNC	10.24 UNC 10.32 UNF	1/4-20 UNC 1/4-28 UNF	5/16-18 UNC 5/16-24 UNF	3/8-16 UNC 3/8-24 UNF
L mm		5.5	6.4	7.3	9.5	10.2	11.2	14.4	16.5	17.9
W mm		3.4	4.3	4.7	5.5	6.3	7.3	9.8	11.4	13.8
A MIN mm		3.6	4.0	4.6	6.0	6.7	7.4	8.1	11.1	11.9
C mm		1.0	1.2	1.3	1.6	1.8	2.0	2.0	2.3	2.4

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