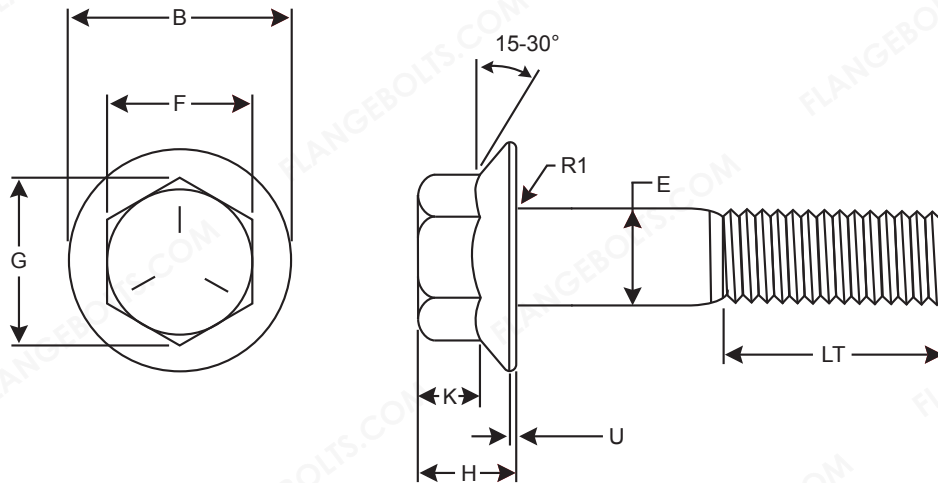


GRADE 5 HEX FLANGE SCREWS



Nominal Size or Basic Bolt Diameter	F		G		B	E		H	U	K	R1
	Width Across Flats		Width Across Corners		Flange Dia	Body Diameter		Height of Head	Flange Thickness	Wrench Height	Fillet
	Max	Min	Max	Min	Max	Max	Min	Max	Min	Min	Min
1/4	0.375	0.367	0.433	0.409	0.56	0.2500	0.2450	0.28	0.04	0.17	0.015
5/16	0.500	0.489	0.577	0.548	0.68	0.3125	0.3065	0.32	0.05	0.21	0.015
3/8	0.562	0.551	0.650	0.618	0.81	0.3750	0.3690	0.39	0.06	0.25	0.015
1/2	0.750	0.736	0.866	0.825	1.07	0.5000	0.4930	0.51	0.08	0.34	0.015

Diameter	Length Full Thread	Length Partial Thread	"LT" Partial Thread Length
1/4	THROUGH 1-1/4"	1-3/8" & LONGER	Min 0.750"
5/16	THROUGH 1-3/8"	1-1/2" & LONGER	Min 0.875"
3/8	THROUGH 1-1/2"	1-5/8" & LONGER	Min 1.000"
1/2	THROUGH 1-7/8"	2" & LONGER	Min 1.250"

SPECIFICATIONS

MATERIAL: GRADE 5 PER SAE J429
TENSILE STRENGTH: 120,000 PSI MIN
DIMENSIONS: IFI-111 (2002)
FINISH: ZINC CLEAR CR+3