

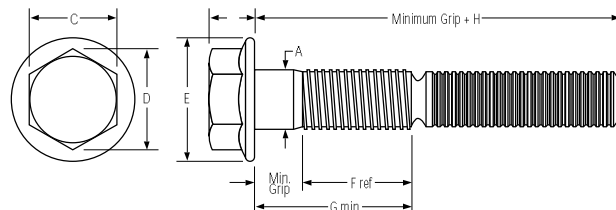
[Previous Screen](#)
[Tooling Options](#)
[Table of Contents](#)

Metric Huck-Fit®

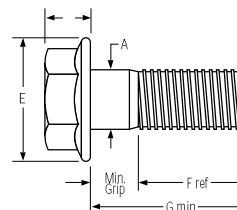
For use in OEM and aftermarket applications that require a metric fastener, the Metric Huck-Fit® PowerBolt™ fastening system includes a pin and collar with fit-up thread. This feature allows the Metric Huck-Fit® to be accurately positioned prior to fastening. The Metric Huck-Fit® fasteners are also removable, using an impact wrench.



Flanged Hex Head Pin MHFF

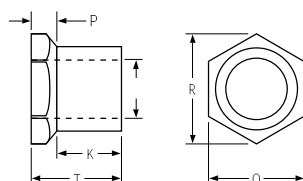


Flanged Hex Head Stump Type Pin MHFFS



Diameter	A	B max	C max	D ref	E max	F ref	G min	H min
12mm	11,73 – 12,00	11,9	15	16,3	24,7	32,6	38,2	82,6
16mm	15,73 – 16,00	15,1	21	22,9	32,8	40,1	44,5	95,2
20mm	19,67 – 20,00	17,7	30	32,7	43,0	45,4	55,5	111,4

Collar Dimensions Hex Flange Collar MHCH / MHBH



Diameter	Dia No	K ± 0,4	L ± 0,1	P ref	Q max	R ref	T ± 0,4
12mm	12	15,6	12,3	7,1	21,6	23,1	22,6
16mm	16	20,1	16,5	8,9	29,6	31,9	28,6
20mm	20	24,0	20,3	10,7	34,3	37,9	34,3

Grip Number	Range (mm) min-max
10	5 - 15
15	10 - 20
20	15 - 25
25	20 - 30
30	25 - 35
35	30 - 40
40	35 - 45
45	40 - 50
50	45 - 55
55	50 - 60
60	55 - 65
65	60 - 70
70	65 - 75
75	70 - 80
80	75 - 85
85	80 - 90
90	85 - 95

Hole Data

Diameter	Maximum Hole Diameter
12mm	13,5
16mm	17,5
20mm	22,0

Minimum Installed Values kN

Diameter	Shear	Tensile	Clamp
12mm	70	92	65
16mm	126	163	116
20mm	197	254	181

Minimum values, in kilonewtons, of installed fasteners ISO 898 Grade 10.9 high strength bolts. 1kN = 102 kgf or 225 lbf.

Metric Huck-Fit®



[Previous Screen](#)
[Tooling Options](#)
[Table of Contents](#)

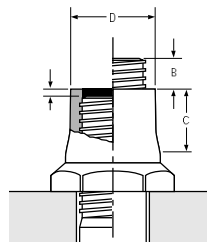
Metric Huck-Fit®

Inspection Data

Should 'A' or 'B' dimensions exceed the given values, the fastener is out-of-grip. A 'C' dimension less than the given value indicates an incomplete swage. A 'D' dimension greater than the given values indicates an incorrect or worn anvil on the installation tool.

Dia	A max	B max	C min	D max
12mm	.60	10.6	14.0	18.3
16mm	.60	10.6	17.7	24.1
20mm	.60	10.6	21.2	30.3

A properly installed fastener will possess the dimensions given here. Visual inspection is sufficient.



Installation Tooling

Dia.	Installation Tool	Nose Assembly		Type
12mm	2620PT	99-5404	99-5406	Hydraulic
16mm	586	99-5301		Hydraulic
20mm	507	99-5414		Hydraulic

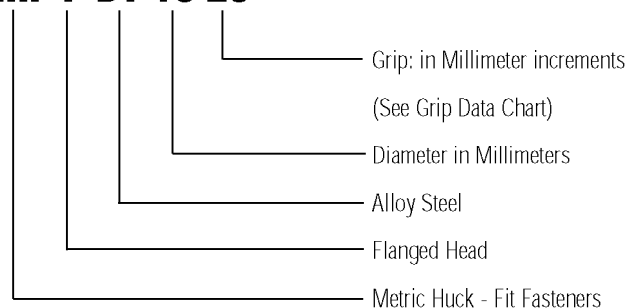
Extended Library of Nose Assemblies
for Metric Huck-Fit LockBolts

Part Number Identification

Metric Huck-Fit Pins

Pin

MHF F DT 16 20



Collar

