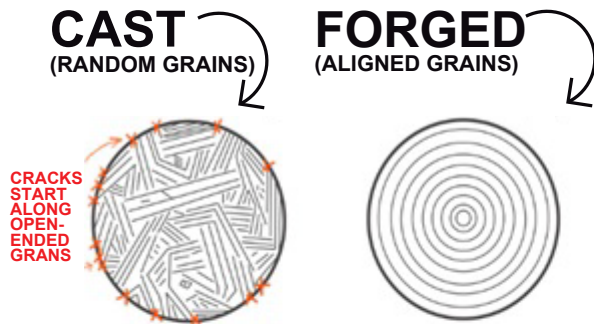
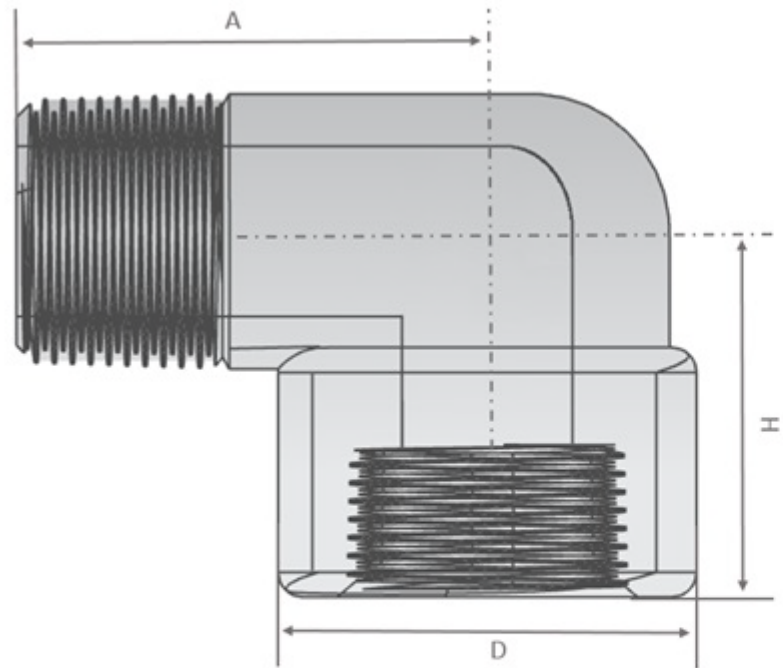


FORGING IS A MANUFACTURING PROCESS WHERE METALS IS MODELED BY APPLYING PRESSURE. ASTM FORGED CARBON STEEL GRADE A105 IS A LOW CARBON, MANGANESE AND SILICON CONTAINING STEEL.

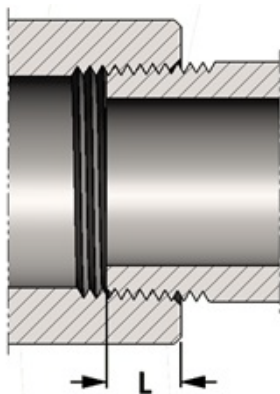
DUE TO IT'S GRAIN STRUCTURE, FORGED STEEL HAVE A GREAT ADVANTAGE AGAINST CAST STEEL BEING MORE SOLID AND CONSISTENT.

FORGED STEEL IS COMMONLY USED IN THE INDUSTRIES OF OIL & GAS, AIRCRAFT & SHIP, AUTOMOTIVE, AGRICULTURE, HAND TOOLS & HARDWARE, GENERAL.

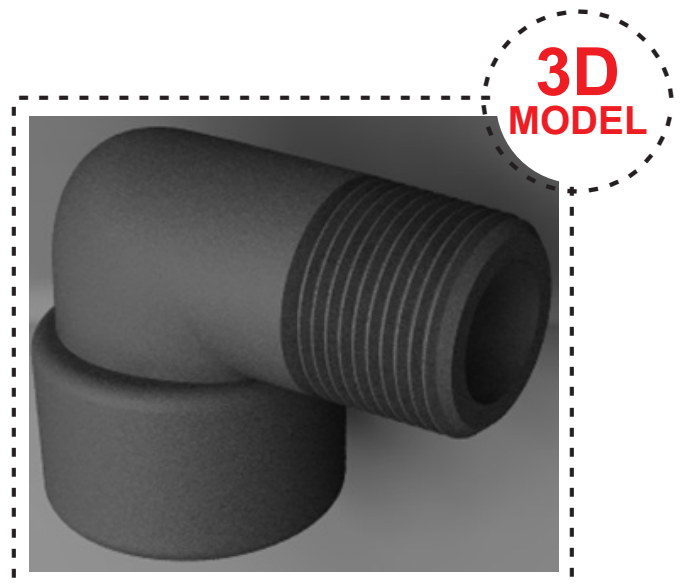


CLASS 3000									
SIZE	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
A	1.250	1.250	1.500	1.688	1.875	2.250	2.625	2.875	3.313
H	0.875	0.875	1.125	1.250	1.375	1.750	2.000	2.125	2.500
D	1.000	1.000	1.313	1.500	1.750	2.000	2.438	2.750	3.313
WEIGHT (KG)	0.10	0.10	0.21	0.31	0.53	1.02	1.13	2.01	2.91

## LENGHT OF THREAD SCREWED INTO FITTING



SIZE	L
1/8"	0.264
1/4"	0.395
3/8"	0.407
1/2"	0.534
3/4"	0.553
1"	0.681
1-1/4"	0.709
1-1/2"	0.724
2"	0.756
2-1/2"	0.933
3"	1.016
4"	1.094



DIMENSIONS ARE  
EXPRESSED IN INCHES