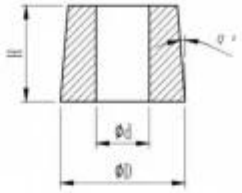
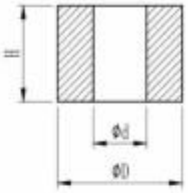
Matrizes de Carbide Cold Heading são usadas na máquina de forjamento a frio, fazendo o corte de materiais, reformando, formando para o molde

冷镦模
Cold heading die





尺寸公差
Size of tolerance

外径 Outside Diameter	牌号 Grade						
	HG6	HG7	HD7	HD8	HD9	HD11	HD12
	外径极限偏差 Deviation						
Ø10~Ø30	+0.3~+0.6			+0.3~+0.6			
Ø30~Ø50	+0.4~+0.7			+0.4~+0.8			
Ø50~Ø70	+0.4~+0.8			+0.4~+1.0			

内径 Inner Diameter	牌号 Grade						
	HG6	HG7	HD7	HD8	HD9	HD11	HD12
	内径极限偏差 Deviation						
Ø1~Ø10	-0.2~-0.4			-0.2~-0.4			
Ø10~Ø20	-0.3~-0.8			-0.3~-0.8			
Ø20~Ø30	-0.5~-1.0			-0.8~-1.2			
Ø30~Ø40	-0.8~-1.5			-1.2~-1.5			
Ø40	-1.0			-1.2			

高度 Height	牌号 Grade						
	HG6	HG7	HD7	HD8	HD9	HD11	HD12
	高度极限偏差 Deviation						
10~35	+0.6~+1.0			+0.6~+1.0			
35~45	+0.8~+1.2			+0.8~+1.5			
45~55	+1.0~+1.5			+1.0~+1.5			
55~65	+1.2~+1.8			+1.2~+1.8			

Recomendação de notas ：

牌号	钴含量	WC 晶粒度	硬度	密度	抗弯强度	弹性模量	冲击韧性	适用范围
Grade	Co %	Grain Size of WC/um	Hardness HRA ±0.5	Density g/m³ ±0.1	Flexural Strength Mpa	Elastic Modulus Gpa	Impact Toughness J/cm2	Applications
HG6	15	2	86.5	13.95	3000	440	6.4	耐磨、耐冲击要求比较高的工程齿、冷锻模具。 Suitable for Engineering Teeth,Cold Forging Die, with High Wear and Impact Resistance.
HG7	18	2	85	13.75	2800	410	7.4	
HD9	24	2	82	13.10	2800	340	10	
HD11	21	2	84.5	13.45	2800	340	8.2	具有高韧性、耐冲击性、耐热冲击性等优点，适用于在对耐冲击性要求比较高的冷间锻造领域。 Suitabale for Strict Requirement Cold Forging Area, with High Toughness, Impact Resistance and Heat Resistance.
HD12	24	2	82.5	13.15	2800	340	10.4	