



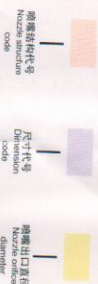
KINGDREAM
江汉石油钻头股份有限公司
Kingdream Public Limited Company

江汉钻头喷嘴使用说明书

JZ BIT NOZZLE USER'S GUIDE

喷嘴型号由三部分组成

Nozzle type number consists of three parts:



尺寸代号:
Dimension code:

1— 3 1/2 ~ 4 1/4 钻头用喷嘴; 1— Nozzle for 3 1/2 ~ 4 1/4 bit,
2— 5 1/8 ~ 6 1/2 钻头用喷嘴; 2— Nozzle for 5 1/8 ~ 6 1/2 bit,
3— 7 1/2 ~ 7 7/8 钻头用喷嘴; 3— Nozzle for 7 1/2 ~ 7 7/8 bit,
4— 8 1/2 ~ 13 1/4 钻头用喷嘴; 4— Nozzle for 8 1/2 ~ 13 1/4 bit,
5— 14 1/2 ~ 17 1/2 钻头用喷嘴; 5— Nozzle for 14 1/2 ~ 17 1/2 bit,

喷嘴结构代号
Nozzle Structure Code:



喷嘴出口直径:

The Diameter of Nozzle Orifice:

英寸 Inch	1	2	3	4	5	6	7	8	9	10	11	12	13	14
毫米 mm	25.4	31.8	38.1	44.5	50.8	57.1	63.5	69.9	76.2	82.5	88.9	95.3	101.6	107.9
英寸 Inch	1	2	3	4	5	6	7	8	9	10	11	12	13	14
毫米 mm	25.4	31.8	38.1	44.5	50.8	57.1	63.5	69.9	76.2	82.5	88.9	95.3	101.6	107.9

Note: The 11 series nozzle orifice is preferred

示例: S2-10
Example: S2-10



喷嘴外型尺寸系列:

The series of nozzle profile dimension:

喷嘴尺寸代号 Nozzle Dimension Code	钻头尺寸 Bit Size Range	喷嘴外径 Nozzle OD	喷嘴总长度 Nozzle Insituted
1	95.2-120.6	31.75	17.48
2	149.2-171.4	51.8	19.05
3	190.5-200.0	71.7	20.62
4	212.7-349.2	81.4	26.97
5	374.6-660.4	141.7	28.97

注意事项:

1. 钻头的直径是否与喷嘴的尺寸代号相符。
2. 一定要选用我公司生产的标准卡箍和密封圈, 以防止因喷嘴和密封圈失效带来的不利影响。
3. 有缺陷的喷嘴不能使用, 入口端面、内外表面已开过裂纹的喷嘴不能使用。
4. 钻头上扣时必须选用相同规格的钻头盒, 以防止上扣时损坏喷嘴座和喷嘴。
5. 在使用不同出口直径的组合喷嘴情况下, 永扣入口流速不得超过21.4米/秒。
6. 喷嘴流量系数为0.96-0.98。

Note.

1. Make sure if bit diameter is conform with the nozzle dimension code.
2. Standard snap rings and seal rings produced by our company should be selected to protect the nozzle from falling off and other harmful effects resulting from sealing failure.
3. Nozzles with defects and erosive wear on the flat of the orifice, the inside and outside surface shouldn't be put into use.
4. The same size bit breaker should be used during making up to protect the nozzle and nozzle socket from being damaged.
5. When nozzles combination with different size of diameters are used, the flowrate in the inlet of the watercourse should not exceed 21.4m/s.
6. The nozzle flowrate factor is 0.96-0.98.