

Nozzle Sizing and Availability

Nozzles

Bit size (in.)	Standard nozzle	Mini-extended nozzle	High-flow extended nozzle	Center jet nozzle
3½-3¾	AA			
3⅞-4⅛	FA			
4½-4¾	FB			
5⅞-6¼	FF	LF		
7⅞-7⅝	FH	LH		FF / VF
8⅞-9⅞	FK	LK		FF / VF
9⅞-13½	FK	LK		
10⅞-14	FK	LK	FK / LK	FK / VK
14-22	FL	LL	FL / LL	FK / VK
19-30	FL	LL		FK / VK

Nozzle Availability

Size	Standard						
	AA	FA	FB	FF	FH	FK	FL
00	*	*	*	*	*	*	*
06	*	*					
08	*	*	*	*	*	*	*
09			*	*	*	*	*
10	*	*	*	*	*	*	*
11			*	*	*	*	*
12	*	*	*	*	*	*	*
13			*	*	*	*	*
14		*	*	*	*	*	*
15			*	*	*	*	*
16		*	*	*	*	*	*
18			*	*	*	*	*
20			*	*	*	*	*
22					*	*	*
24					*	*	*
26							*
28					*	*	*

TFA Common Values

TFA Common Values

Nozzle size	Number of nozzles			
	1	2	3	4
$\frac{5}{32}$ in.	0.028	0.055	0.083	0.110
$\frac{6}{32}$ in.	0.049	0.098	0.147	0.196
$\frac{7}{32}$ in.	0.062	0.124	0.186	0.248
$\frac{10}{32}$ in.	0.077	0.153	0.230	0.307
$\frac{11}{32}$ in.	0.093	0.186	0.278	0.371
$\frac{12}{32}$ in.	0.110	0.221	0.331	0.442
$\frac{13}{32}$ in.	0.130	0.259	0.389	0.518
$\frac{14}{32}$ in.	0.150	0.301	0.451	0.601
$\frac{15}{32}$ in.	0.173	0.345	0.518	0.690
$\frac{16}{32}$ in.	0.196	0.393	0.589	0.785
$\frac{18}{32}$ in.	0.248	0.497	0.745	0.994
$\frac{20}{32}$ in.	0.307	0.614	0.920	1.227
$\frac{22}{32}$ in.	0.371	0.742	1.114	1.485
$\frac{24}{32}$ in.	0.442	0.884	1.325	1.767
$\frac{26}{32}$ in.	0.518	1.037	1.555	2.074
$\frac{28}{32}$ in.	0.601	1.203	1.804	2.405