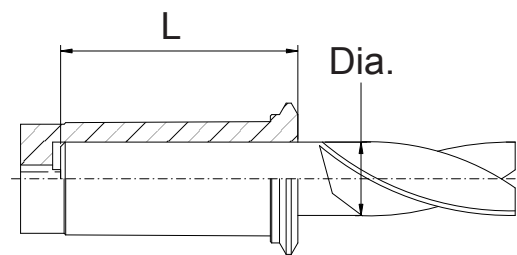


powRgrip Technical Requirements

h6 Shank Tolerances

Metric	Tolerance	Min size	Inch Conv.
2.00	0.0060	1.9940	0.07850
3.00	0.0060	2.9940	0.11787
4.00	0.0080	3.9920	0.15717
5.00	0.0080	4.9920	0.19654
6.00	0.0080	5.9920	0.23591
7.00	0.0090	6.9910	0.27524
8.00	0.0090	7.9910	0.31461
9.00	0.0090	8.9910	0.35398
10.00	0.0090	9.9910	0.39335
11.00	0.0110	10.9890	0.43264
12.00	0.0110	11.9890	0.47201
13.00	0.0110	12.9890	0.51138
14.00	0.0110	13.9890	0.55075
15.00	0.0110	14.9890	0.59012
16.00	0.0110	15.9890	0.62949
17.00	0.0110	16.9890	0.66886
18.00	0.0110	17.9890	0.70823
19.00	0.0130	18.9870	0.74752
20.00	0.0130	19.9870	0.78689
22.00	0.0130	21.987	0.86563
25.00	0.0130	24.987	0.98374

Fractional	Decimal	Tolerance	Min size
1/8	0.125	0.00024	0.12476
3/16	0.1875	0.00031	0.18719
1/4	0.25	0.00035	0.24965
5/16	0.3125	0.00035	0.31215
3/8	0.375	0.00035	0.37465
7/16	0.4375	0.00043	0.43707
1/2	0.5	0.00043	0.49957
9/16	0.5625	0.00043	0.56207
5/8	0.625	0.00043	0.62457
3/4	0.75	0.00051	0.74949
7/8	0.875	0.00051	0.87449
1.0	1.000	0.00051	0.99949



Maximum & Minimum Tool Depth

Tool Dia.(D)	PG 10			PG 15			PG 25			PG 32		
	L	L (min)	L (max)	L	L (min)	L (max)	L	L (min)	L (max)	L	L (min)	L (max)
1/16"		0.59"	0.71"									
1/8" – 3/16"	1.10"	0.94"	1.18"	1.10"	0.98"	1.26"	1.10"	0.98"	1.26"			
1/4" – 5/16"	1.32"	1.18"	1.40"	1.42"	1.30"	1.57"	1.42"	1.30"	1.57"	1.42"	1.32"	1.67"
3/8"				1.57"	1.46"	1.57"	1.57"	1.46"	1.73"	1.57"	1.32"	1.67"
7/16"							1.57"	1.46"	1.73"	1.57"	1.48"	1.83"
1/2" – 9/16"							1.77"	1.65"	1.93"	1.77"	1.68"	2.03"
5/8"							1.89"	1.77"	1.97"	1.89"	1.68"	2.03"
3/4"							1.97"	1.85"	1.97"	1.97"	1.80"	2.15"
7/8"										1.97"	1.87"	2.22"
1"										2.20"	2.11"	2.46"

Tool Dia (D)	PG 10			PG 15			PG 25			PG 32		
	L	L (min)	L (max)	L	L (min)	L (max)	L	L (min)	L (max)	L	L (min)	L (max)
0.2-1.0		19	22									
1.5		15	18									
2mm	28	24	30									
3mm - 5mm	28	24	30	28	25	32	28	25	32			
6mm	33.5	30	35.5	36	33	40	36	33	40	36	33.6	42.5
7mm - 9mm				36	33	40	36	33	40	36	33.6	42.5
10mm				40	37	40.5	40	37	44	40	37.6	46.5
11mm							40	37	44	40	42.6	46.5
12mm - 14mm							45	42	49	45	45.6	51.5
16mm – 18mm							48	45	50	48	47.6	54.5
20mm							50	47	50	50	47.6	56.5
22mm										50	47.6	56.5
25mm										56	53.6	62.5