

HAM MICRO

Die mechanische Lösung • The mechanical solution

HAM 382 Micro Prima
HAM 382 AC Micro Prima

HAM 382 SZ Micro Prima
HAM 382 AC SZ Micro Prima

VHM Ø 0,05 – 0,19 mm

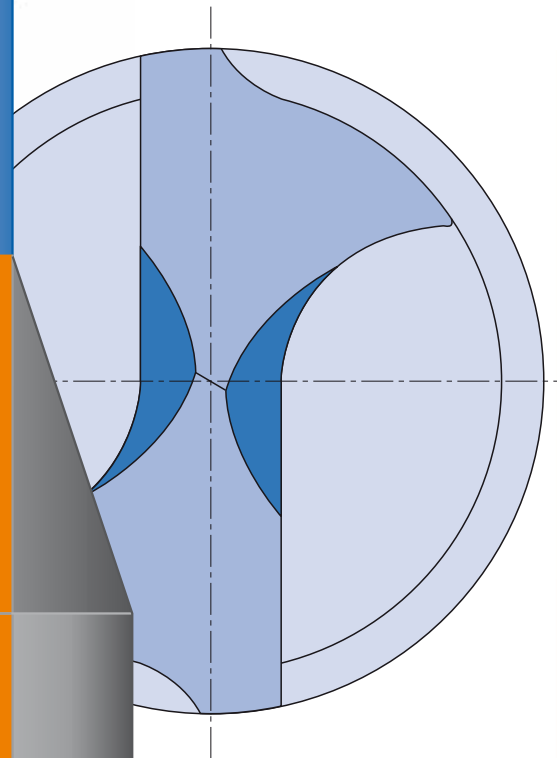
SBR Ø 0,20 – 0,35 mm

CNS Ø 0,40 – 0,50 mm

VHM

SBR

CNS





Die neuen HAM Bohrer generationen für höchste Ansprüche aus neuesten ultrafeinstkörnigen Hartmetallen $\leq 0,4$ micron

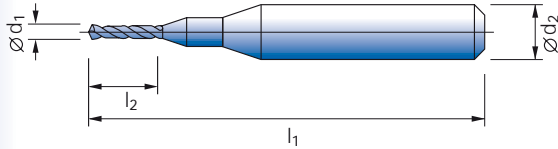
HAM 382 Micro Prima

Hochleistungs-Microbohrer

aus ultrafeinstkörnigem Hartmetall, mit Schaft- \varnothing 1/8" (3,175 mm), Gesamtlänge 1 1/2" (38 mm), rechtsschneidend

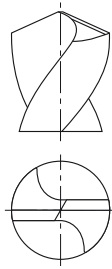
High performance micro drills

ultra micro grain carbide, shank dia. 1/8" (3,175 mm), total length 1 1/2" (38 mm), right-hand cut



VHM \varnothing 0,05 – 0,19 mm

d ₁ mm	l ₂ mm	d ₂ mm	l ₁ mm
0,05	0,8	3,175	38
0,06	0,8	3,175	38
0,07	0,8	3,175	38
0,08	0,8	3,175	38
0,09	1,2	3,175	38
0,10	1,2	3,175	38
0,11	1,2	3,175	38
0,12	1,4	3,175	38
0,13	1,4	3,175	38
0,14	1,4	3,175	38
0,15	2,0	3,175	38
0,16	2,0	3,175	38
0,17	2,0	3,175	38
0,18	2,0	3,175	38
0,19	2,0	3,175	38



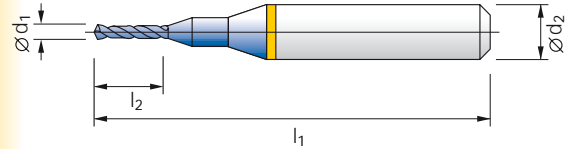
HAM 382 SZ Micro Prima

Hochleistungs-Microbohrer (Köpfchen)

aus ultrafeinstkörnigem Hartmetall, mit Schaft- \varnothing 1/8" (3,175 mm), Gesamtlänge 1 1/2" (38 mm), rechtsschneidend

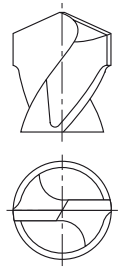
High performance micro drills (undercut)

ultra micro grain carbide, shank dia. 1/8" (3,175 mm), total length 1 1/2" (38 mm), right-hand cut

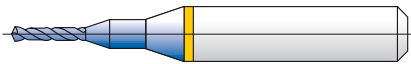


SBR \varnothing 0,20 – 0,35 mm

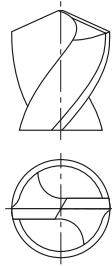
d ₁ mm	l ₂ mm	d ₂ mm	l ₁ mm
0,20	3,5	3,175	38
0,20	4,5	3,175	38
0,25	3,5	3,175	38
0,25	4,5	3,175	38
0,30	5,5	3,175	38
0,30	7,0	3,175	38
0,35	5,5	3,175	38
0,35	7,0	3,175	38



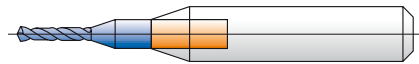
SBR \varnothing 0,20 – 0,35 mm



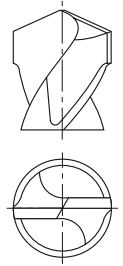
d ₁ mm	l ₂ mm	d ₂ mm	l ₁ mm
0,20	2,5	3,175	38
0,20	3,5	3,175	38
0,20	4,5	3,175	38
0,25	3,5	3,175	38
0,25	4,5	3,175	38
0,30	5,5	3,175	38
0,30	7,0	3,175	38
0,35	5,5	3,175	38
0,35	7,0	3,175	38



CNS \varnothing 0,40 – 0,50 mm



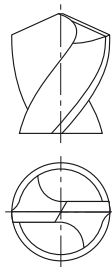
d ₁ mm	l ₂ mm	d ₂ mm	l ₁ mm
0,40	5,5	3,175	38
0,40	7,0	3,175	38
0,40	8,5	3,175	38
0,45	5,5	3,175	38
0,45	7,0	3,175	38
0,45	8,5	3,175	38
0,50	5,5	3,175	38
0,50	7,0	3,175	38
0,50	8,5	3,175	38



CNS \varnothing 0,40 – 0,50 mm



d ₁ mm	l ₂ mm	d ₂ mm	l ₁ mm
0,40	5,5	3,175	38
0,40	7,0	3,175	38
0,40	8,5	3,175	38
0,45	5,5	3,175	38
0,45	7,0	3,175	38
0,45	8,5	3,175	38
0,50	5,5	3,175	38
0,50	7,0	3,175	38
0,50	8,5	3,175	38



VHM Vollhartmetall / *solid carbide*

SBR Stahlschaft gelötet / *steel shank brazed*

CNS Stahlschaft gefügt / *steel shank inserted*

HAM 382 AC Micro Prima

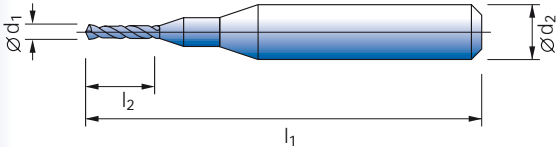
Hochleistungs-Microbohrer (ausgespitzt)

aus ultrafeinstkörnigem Hartmetall, mit Schaft- \emptyset $1/8''$ (3,175 mm),
Gesamtlänge $1\frac{1}{2}''$ (38 mm), rechtsschneidend

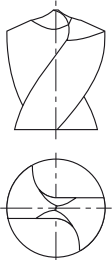
High performance micro drills (point thinning)

ultra micro grain carbide, shank dia. $1/8''$ (3,175 mm),
total length $1\frac{1}{2}''$ (38 mm), right-hand cut

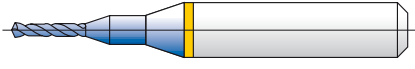
VHM \emptyset 0,15 mm



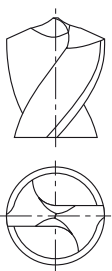
d ₁ mm	l ₂ mm	d ₂ mm	l ₁ mm
0,15	2,0	3,175	38



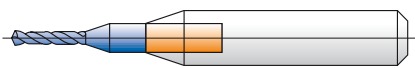
SBR \emptyset 0,20 – 0,35 mm



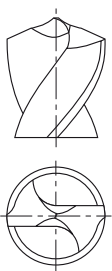
d ₁ mm	l ₂ mm	d ₂ mm	l ₁ mm
0,20	3,5	3,175	38
0,20	4,5	3,175	38
0,25	3,5	3,175	38
0,25	4,5	3,175	38
0,30	5,5	3,175	38
0,30	7,0	3,175	38
0,35	5,5	3,175	38
0,35	7,0	3,175	38



CNS \emptyset 0,40 – 0,50 mm



d ₁ mm	l ₂ mm	d ₂ mm	l ₁ mm
0,40	5,5	3,175	38
0,40	7,0	3,175	38
0,40	8,5	3,175	38
0,45	5,5	3,175	38
0,45	7,0	3,175	38
0,45	8,5	3,175	38
0,50	7,0	3,175	38
0,50	8,5	3,175	38



HAM 382 AC SZ Micro Prima

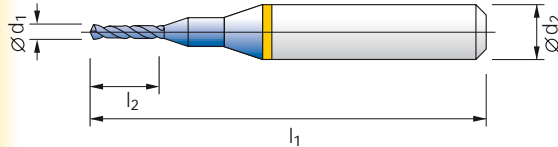
Hochleistungs-Microbohrer (ausgespitzt/Köpfchen)

aus ultrafeinstkörnigem Hartmetall, mit Schaft- \emptyset $1/8''$ (3,175 mm),
Gesamtlänge $1\frac{1}{2}''$ (38 mm), rechtsschneidend

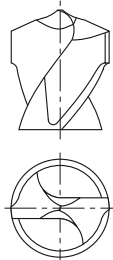
High performance micro drills (point thinning/undercut)

ultra micro grain carbide, shank dia. $1/8''$ (3,175 mm),
total length $1\frac{1}{2}''$ (38 mm), right-hand cut

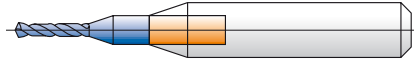
SBR \emptyset 0,20 – 0,35 mm



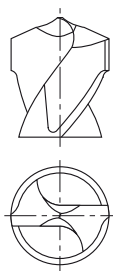
d ₁ mm	l ₂ mm	d ₂ mm	l ₁ mm
0,20	3,5	3,175	38
0,20	4,5	3,175	38
0,25	3,5	3,175	38
0,25	4,5	3,175	38
0,30	5,5	3,175	38
0,30	7,0	3,175	38
0,35	5,5	3,175	38
0,35	7,0	3,175	38



CNS \emptyset 0,40 – 0,50 mm



d ₁ mm	l ₂ mm	d ₂ mm	l ₁ mm
0,40	5,5	3,175	38
0,40	7,0	3,175	38
0,40	8,5	3,175	38
0,45	5,5	3,175	38
0,45	7,0	3,175	38
0,45	8,5	3,175	38
0,50	7,0	3,175	38
0,50	8,5	3,175	38



VHM Vollhartmetall / solid carbide

SBR Stahlschaft gelötet / steel shank brazed

CNS Stahlschaft gefügt / steel shank inserted

