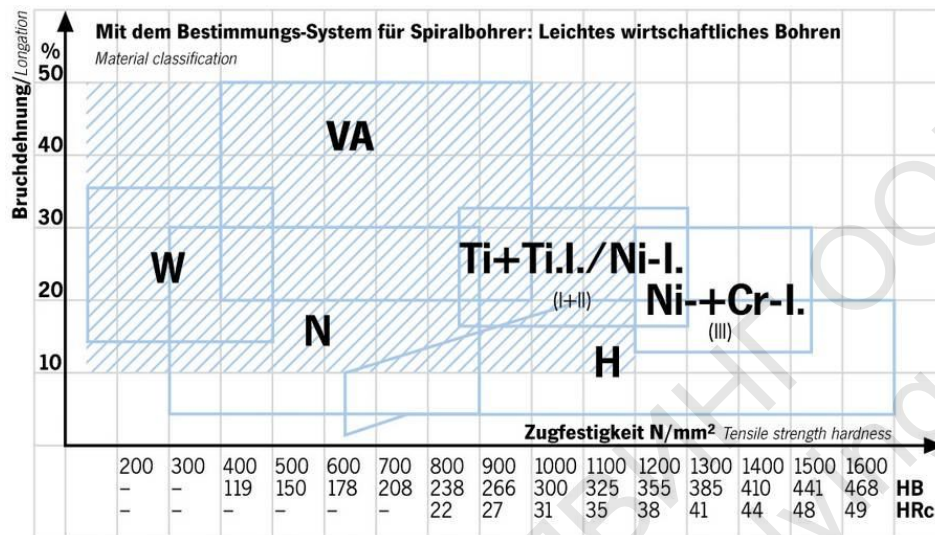


# Multi-Purpose Twist Drill Bit, Extra Long Series HSS-Co DIN 1869 Typ UF-L



Tolerance	h8
Material	HSS-Co 5%
Point Grinding	PROJAHN Standard
Point Angle	130°
Web Thinning	DIN 1412, Form UX
Web Thickness	Thicker than regular
Web Taper	Without
Helix Angle	40°
Shape of Flute	Parabolic Flute
Features acc. To	DIN 1414

## The Multi-Problem Solver for Deep Hole Drilling

Twist Drill Bit for extreme deep drilling

Due to the ultra flat flute design (wide helix angle, large tool side rake angle) even extreme long drill bits have enough stability and good chip removal

To drill deep holes, in one operation (depending on material about 10 to 15 times the diameter) it is recommended to frequently pull out the drill bit

Designed to drill: For medium- and long-chip producing materials up to a resistance of max. 1.200 N/mm<sup>2</sup>, for Al / Copper / AISi Alloy, Bronze Soft, Electrolytic Copper, Brass Ductile, Stainless Steel, Titanium, Titanium All

<b>Ø mm</b>	<b>L</b>	<b>L2</b>	<b>Art.-Nr. Art.No.</b>
<b>2,0</b>	125	85	430 201
<b>2,5</b>	140	95	430 251
<b>3,0</b>	150	100	430 301
3,0	190	130	430 302
<b>3,3</b>	155	105	430 331
3,3	200	135	430 332
<b>3,5</b>	165	115	430 351
3,5	210	145	430 352
3,5	265	180	430 353
<b>4,0</b>	175	120	430 401
4,0	220	150	430 402
4,0	280	190	430 403
<b>4,2</b>	175	120	430 421
4,2	220	150	430 422
4,2	280	190	430 423
<b>4,5</b>	185	125	430 451
4,5	235	160	430 452
4,5	295	200	430 453
<b>5,0</b>	195	135	430 501
5,0	245	170	430 502
5,0	315	210	430 503
<b>5,5</b>	205	140	430 551
5,5	260	180	430 552
5,5	330	225	430 553
<b>6,0</b>	205	140	430 601
6,0	260	180	430 602
6,0	330	225	430 603
<b>6,5</b>	215	150	430 651
6,5	275	190	430 652
6,5	350	235	430 653
<b>6,8</b>	225	155	430 681
6,8	290	200	430 682
6,8	370	250	430 683
<b>7,0</b>	225	155	430 701
7,0	290	200	430 702
7,0	370	250	430 703
<b>7,5</b>	225	155	430 751
7,5	290	200	430 752
7,5	370	250	430 753
<b>8,0</b>	240	165	430 801
8,0	305	210	430 802
8,0	390	265	430 803

<b>Ø mm</b>	<b>L</b>	<b>L2</b>	<b>Art.-Nr. Art.No.</b>
<b>8,5</b>	240	165	430 851
8,5	305	210	430 852
8,5	390	265	430 853
<b>9,0</b>	250	175	430 901
9,0	320	220	430 902
9,0	410	280	430 903
<b>9,5</b>	250	175	430 951
9,5	320	220	430 952
9,5	410	280	430 953
<b>10,0</b>	265	185	431 001
10,0	340	235	431 002
10,0	430	295	431 003
<b>10,2</b>	265	185	431 021
10,2	340	235	431 022
10,2	430	295	431 023
<b>10,5</b>	265	185	431 051
10,5	340	235	431 052
10,5	430	295	431 053
<b>11,0</b>	280	195	431 101
11,0	365	250	431 102
11,0	455	310	431 103
<b>11,5</b>	280	195	431 151
11,5	365	250	431 152
11,5	455	310	431 153
<b>12,0</b>	295	205	431 201
12,0	375	260	431 202
12,0	480	330	431 203
<b>12,5</b>	295	205	431 251
12,5	375	260	431 252
12,5	480	330	431 253
<b>13,0</b>	295	205	431 301
13,0	375	260	431 302
13,0	480	330	431 303
<b>13,5</b>	310	220	431 351
13,5	380	275	431 352
<b>14,0</b>	310	220	431 401
14,0	380	275	431 402
<b>14,5</b>	310	220	431 451
14,5	380	275	431 452
<b>15,0</b>	310	220	431 501
15,0	380	275	431 502

<b>Ø mm</b>	<b>L</b>	<b>L2</b>	<b>Art.-Nr. Art.No.</b>
<b>15,5</b>	320	230	431 551
15,5	400	295	431 552
<b>16,0</b>	320	230	431 601
16,0	400	295	431 602