Drills Carbide, Extra Long

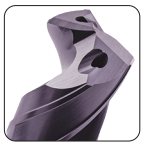
BLACKMAGIC XL suttontools

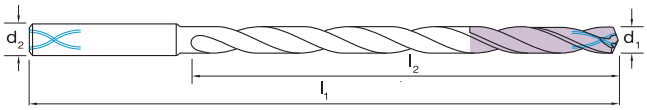
- Suitable for materials up to 1200N/mm²
- Strong core with internal coolant supply
- Micro geometry & surface conditioning for optimal chip control
- Pertura coated tip for maximum tool life

Forets carbure Extra Long arrosage central
- Convient aux materiaux jusqu'à 1200 N/mm², les Inox et les fontes
- Noyau renforcé et arrosage central
- Micro géométrie et traitement surface optimisé pour un bon controle des copeaux
- Revêtement Pertura pour une durée de vie maximum

Punte Metallo Duro, Foratura Profonda
- Ideale per materiali fino a 1200N/mm²
- Nocciolo rinforzato con fori di Lubrificazione interna
- Micro geometria & rivestimento tagliente ideale per un ottimo controllo truciolo
- AlCrN Per massimizzare la vita utensile

Brocas de Metal Duro, Extra Larga
- Adecuado para materiales hasta 1200N/mm²
- Núcleo Reforzado con refrigeración interior
- Micro geometría y acondicionamiento de la superficie para un control óptimo de la viruta
- Recubrimento de punta TIP para una mayor vida útil de la herramienta





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Catalogue Code	D372	D373	D375
Product Group	A0210	A0210	A0210
Material	VHM	VHM	VHM
Surface Finish	*Pertura Tip*	*Pertura Tip*	*Pertura Tip*
Application	Up to 1200N/mm²	Up to 1200N/mm²	Up to 1200N/mm²
Geometry	R30 - IK	R30 - IK	R30 - IK
Point Type	135° Form C	135° Form C	135° Form C

Size Ref.	d_1 (h7)	l_1	l_2	d_2 (h6)	Max. Drill Depth	Item #	Item #	Item #
	15×D							
0300	**3.0**	100	55	6	46	D372 0300		
0350	**3.5**	110	64	6	53	D372 0350		
0400	**4.0**	118	73	6	61	D372 0400		
0450	**4.5**	126	82	6	68	D372 0450		
0500	**5.0**	136	92	6	77	D372 0500		
0550	**5.5**	145	100	6	83	D372 0550		
0600	**6.0**	155	110	6	92	D372 0600		
0650	**6.5**	165	120	8	100	D372 0650		
0700	**7.0**	173	128	8	107	D372 0700		
0750	**7.5**	184	138	8	115	D372 0750		
0800	**8.0**	191	145	8	121	D372 0800		
0850	**8.5**	205	155	10	129	D372 0850		
0900	**9.0**	215	164	10	137	D372 0900		
1000	**10.0**	234	182	10	152	D372 1000		
1200	**12.0**	275	218	12	182	D372 1200		
	20×D							
0300	**3**	110	70	6	61		D373 0300	
0350	**3.5**	124	82	6	72		D373 0350	
0400	**4**	134	92	6	80		D373 0400	
0500	**5**	158	116	6	101		D373 0500	
0600	**6**	182	138	6	120		D373 0600	
0700	**7**	206	162	8	141		D373 0700	
0800	**8**	230	184	8	160		D373 0800	
0850	**8.5**	250	200	10	175		D373 0850	
0900	**9**	260	210	10	183		D373 0900	
1000	**10**	280	230	10	200		D373 1000	
	30×D							
0300	**3**	145	100	6	91			D375 0300
0400	**4**	175	130	6	120			D375 0400
0500	**5**	210	165	6	150			D375 0500
0600	**6**	245	200	6	182			D375 0600
0800	**8**	310	265	8	240			D375 0800
0900	**9**	380	330	10	270			D375 0900
1000	**10**	380	330	10	300			D375 1000

ISO	P													M			K						N							S														H					
VDI 3323	1	2	3	4	5	6	7	8	9	10	11	12	13	14.1	14.2	14.3	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37.1	37.2	37.3	37.4	37.5	38.1	38.2	39.1	39.2	40	41
D372	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	○	●	○	●	○	○	○	○	○	○	○	○																						
D373	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	○	●	○	●	○	○	○	○	○	○	○	○																						
D375	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	○	●	○	●	○	○	○	○	○	○	○	○																						

P Steel M Stainless Steel K Cast Iron N Non-Ferrous Metals S Titanium & Super Alloys H Hard Materials

● Optimal ○ Effective

NOTE: HB & HE shanks available, subject to lead time.