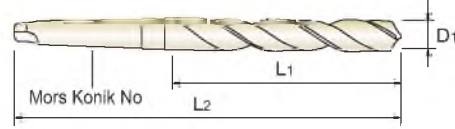


**PRO-X****MORS KONİK SAPLI  
UZUN MATKAP UCU****HSS, UZUN MORS KONİK MATKAP UCU****HSS, MORSE TAPER SHANK TWIST DRILLS**

- **Yüzey Uygulaması** : Buhar Menevişli (Siyah oksitli son yüzey)
- **Kullanım Yerleri** : Çeliiklerin derin delikleri, alaşımli ve alaşimsız dökme çelik, gri dökme demir, dövülebilir dökme demir, grafit

- **Surface treatment** : Steam Tempered (Black Oxide Finish)
- **Application** : Drilling deep holes in steels, cast steels alloyed and non-alloyed, grey cast iron, malleable cast iron, graphite.



Ölçü = mm

KOD	Matkap Çapı D1	Kesme Kenan Boyu L1	Tam Boy L2	Mors Konik No.
PMA-4130	13.0	134	215	1
PMA-4135	13.5	142	223	1
PMA-4140	14.0	142	223	1
PMA-4145	14.5	142	245	2
PMA-4150	15.0	147	245	2
PMA-4155	15.5	153	251	2
PMA-4160	16.0	153	251	2
PMA-4165	16.5	159	257	2
PMA-4170	17.0	159	257	2
PMA-4175	17.5	165	263	2
PMA-4180	18.0	165	263	2
PMA-4185	18.5	171	269	2
PMA-4190	19.0	171	269	2

KOD	Matkap Çapı D1	Kesme Kenan Boyu L1	Tam Boy L2	Mors Konik No.
PMA-4195	19.5	177	275	2
PMA-4200	20.0	177	275	2
PMA-4210	21.0	184	282	2
PMA-4220	22.0	191	289	2
PMA-4230	23.0	198	296	2
PMA-4240	24.0	206	327	3
PMA-4250	25.0	206	327	3
PMA-4260	26.0	214	335	3
PMA-4270	27.0	222	343	3
PMA-4280	28.0	222	343	3
PMA-4290	29.0	230	351	3
PMA-4300	30.0	230	351	3

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Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels		Cast Iron	Aluminum	Stainless Steels	Titanium	Mild Steels	Copper	Bronze	CFRP
-HB225	HB225-325	HRC30-45	HRC45-55	HRC55-								
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