

PCD Diamond Dead Center Points



**Performance and Endurance
For High Precision Machining**

Dianor AB
Stensnäs vägen 8
S-71331 Nora, Sweden

0587-10140
+46 587-10140
+46 70-263 37 07

email: info@dianor.se
www.dianor.se



Dianor Diamond Dead Center Points

Our Diamond Dead Center Points have five PCD veins embedded in tungsten carbide. There is no need for oil or grease lubricants when machining with Dianor Diamond Dead Center Points; water emulsions provide sufficient lubrication.

Dimensions according to DIN

Dianor Diamond Dead Center points, Mt-1 to Mt-4, have the same physical dimensions as centers to DIN 806 and DIN 807. This makes it easy to replace your standard Carbide Center Points with our Diamond Dead Center Points.

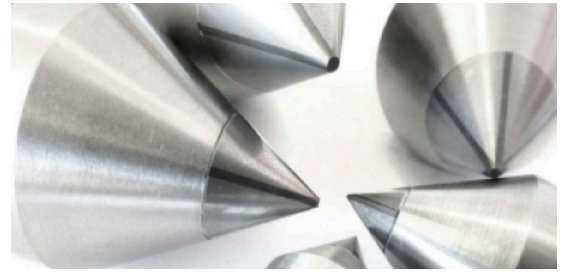
Dianor Diamond Dead Center Points are produced according to DIN. Material properties and design can be tailored according to most requirements. Our Technicians will assist you in developing the Diamond Dead Center Point you need.

Many advantages

Dianor Diamond Dead Center Points Offers many advantages for high precision machining i.e. grinding and hard turning.

PCD (Poly Crystalline Diamond) is, next to a solid diamond, the hardest material known to man. Extremely low friction and good heat transfer are also advantages of PCD material.

Grinding operations with long process time normally creates a heat problem on standard carbide centers. This type of heat problem does not occur when using Dianor Diamond Dead Center Points.

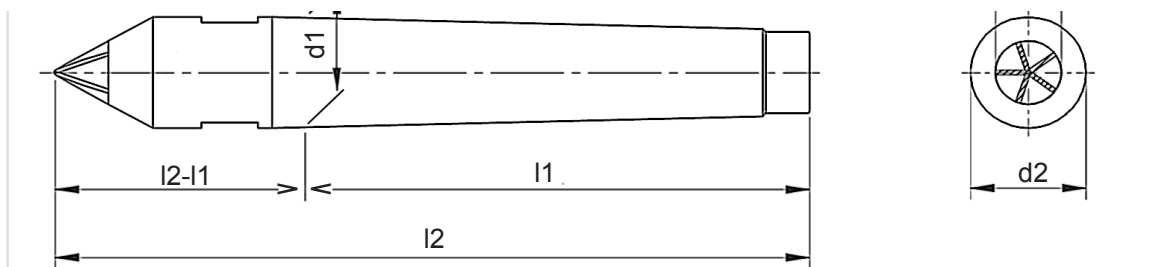


*Dianor Diamond Dead Center Points.
PCD veins visible as dark stripes on the tips.*

Dianor Diamond Dead Center points

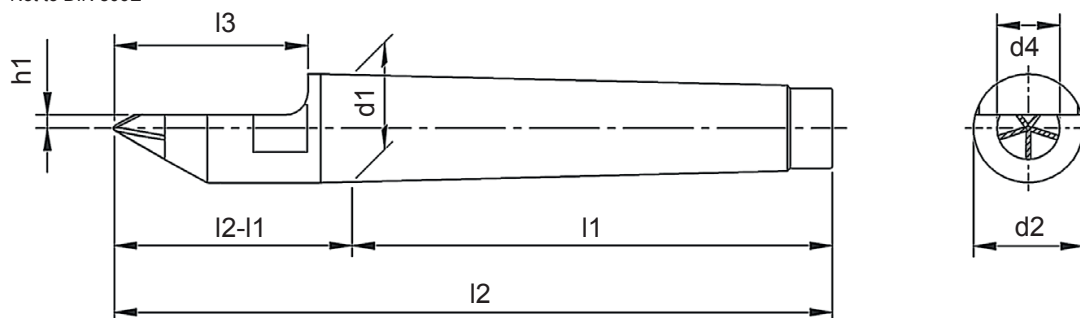
- Low noise
- Low friction
- Preserves heat
- No need for oil or grease
- Extreme wear resistance
- Stable performance

PCD Diamond Dead Center Points



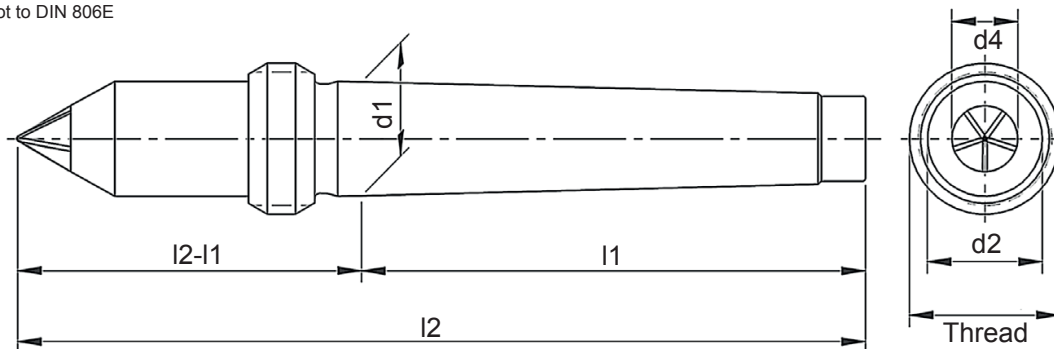
Din 228	Equivalent	Type	Product No.	d2	d4	h1	l3	Thread	l1	l2	l2-l1
Mt-1	(DIN 806E)	Full Center	4203977	12,2	7	-	-	-	53,5	80	26,5
Mt-2	(DIN 806E)	Full Center	4203980	18	7	-	-	-	64	100	36
Mt-3	(DIN 806E)	Full Center	4203983	24,1	11	-	-	-	81	125	44
Mt-4	(DIN 806E)	Full Center	4203986	34,6	14	-	-	-	102,5	160	57,5
Mt-5	(DIN 806E)	Full Center	4203989	44,7	15,8*	-	-	-	129,5	200	70,5

* Not to DIN 806E



Din 228	Equivalent	Type	Product No.	d2	d4	h1	l3	Thread	l1	l2	l2-l1
Mt-1	(DIN 806HE)	Half Center	4203978	12,2	7	1,5	22	-	53,5	80	26,5
Mt-2	(DIN 806HE)	Half Center	4203981	18	7	2	30	-	64	100	36
Mt-3	(DIN 806HE)	Half Center	4203984	24,1	11	3	38	-	81	125	44
Mt-4	(DIN 806HE)	Half Center	4203987	31,6	14	5	50	-	102,5	160	57,5
Mt-5	-	Half Center	4203990	44,7	15,8*	7	63	-	129,5	200	70,5

* Not to DIN 806E



Din 228	Equivalent	Type	Product No.	d2	d4	h1	l3	Thread	l1	l2	l2-l1
Mt-1	(DIN 807)	Extractor nut	4203979	12,2	7	-	-	M16x1,5	53,5	90	36,5
Mt-2	(DIN 807)	Extractor nut	4203982	18	7	-	-	M22x1,5	64	112	48
Mt-3	(DIN 807)	Extractor nut	4203985	24,1	11	-	-	M27x1,5	81	138	57
Mt-4	(DIN 807)	Extractor nut	4203988	31,6	14	-	-	M36x1,5	102,5	175	72,5
Mt-5	-	Extractor nut	4203991	44,7	15,8*	-	-	M48x1,5	129,5	217	87,5

* Not to DIN 806E

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info@dianor.se