



**E050**

- M 机用丝锥 CoroTap™ P 螺旋槽 45°
- M Tarauls machine CoroTap™ P Goujure hélicoïdal 45°
- M Maschinen-Gewindebohrer CoroTap™ P, 45° Spirale
- M Macho Máquina CoroTap™ P Canal Helicoidal 45°
- M Machos de máquina CoroTap™ P Estrías helicoidales a 45°
- M Machine CoroTap™ P Spiral Flute 45°



CoroTap™ 360 **P**



<b>P</b>	
P 1	24-48
P 2	9-36
P 3	9-36
P 4	24-38
P 5	9-36
Vc[m/min]	

Din EN C45/ 1.0503/ AISI 1045/ SS1650 MC-code: P1.2.Z.AN 220 HB	↓ 1.5xD		Vc [m/min]	N [rpm]	Vf [mm/min]
	M	TP			
	P1				
M3	0.5	39	4153	2076.5	
M4	0.7	39	3115	2180.5	
M5	0.8	39	2492	1993.6	
M6	1	39	2076	2076.0	
M8	1.25	39	1557	1946.3	
M10	1.5	39	1246	1869.0	
M12	1.75	39	1038	1816.5	
M16	2	34	684	1368.0	
M20	2.5	31	495	1237.5	

Din EN C45/ 1.0503/ AISI 1045/ SS1650 MC-code: P1.2.Z.AN 220 HB	↓ 2xD		Vc [m/min]	N [rpm]	Vf [mm/min]
	M	TP			
	P1				
M3	0.5	32	3395	1697.5	
M4	0.7	32	2546	1782.2	
M5	0.8	32	2037	1629.6	
M6	1	32	1698	1698.0	
M8	1.25	32	1273	1591.3	
M10	1.5	32	1019	1528.5	
M12	1.75	32	849	1485.8	
M16	2	28	559	1118.0	
M20	2.5	25	405	1012.5	

Din EN C45/ 1.0503/ AISI 1045/ SS1650 MC-code: P1.2.Z.AN 220 HB	↓ 2.5xD		Vc [m/min]	N [rpm]	Vf [mm/min]
	M	TP			
	P1				
M3	0.5	27	2904	1452.0	
M4	0.7	27	2178	1524.6	
M5	0.8	27	1743	1394.4	
M6	1	27	1452	1452.0	
M8	1.25	27	1089	1361.3	
M10	1.5	27	871	1306.5	
M12	1.75	27	726	1270.5	
M16	2	24	478	956.0	
M20	2.5	22	346	865.0	

Din EN 42C/Mod/ 1.7225/ SS2244 MC-code: P2.2.Z.AN 241 HB	↓ 1.5xD		Vc [m/min]	N [rpm]	Vf [mm/min]
	M	TP			
	P2				
M3	0.5	27	2855	1427.5	
M4	0.7	27	2141	1498.7	
M5	0.8	27	1713	1370.4	
M6	1	27	1428	1428.0	
M8	1.25	27	1071	1338.8	
M10	1.5	27	857	1285.5	
M12	1.75	27	714	1249.5	
M16	2	24	470	940.0	
M20	2.5	21	340	850.0	

Din EN 42C/Mod/ 1.7225/ SS2244 MC-code: P2.2.Z.AN 241 HB	↓ 2xD		Vc [m/min]	N [rpm]	Vf [mm/min]
	M	TP			
	P2				
M3	0.5	22	2334	1167.0	
M4	0.7	22	1751	1225.7	
M5	0.8	22	1401	1120.8	
M6	1	22	1167	1167.0	
M8	1.25	22	875	1093.8	
M10	1.5	22	700	1050.0	
M12	1.75	22	584	1022.0	
M16	2	19	385	770.0	
M20	2.5	17	278	695.0	

Din EN 42C/Mod/ 1.7225/ SS2244 MC-code: P2.2.Z.AN 241 HB	↓ 2.5xD		Vc [m/min]	N [rpm]	Vf [mm/min]
	M	TP			
	P2				
M3	0.5	19	1997	998.5	
M4	0.7	19	1498	1048.6	
M5	0.8	19	1198	958.4	
M6	1	19	998	998.0	
M8	1.25	19	749	936.3	
M10	1.5	19	599	898.5	
M12	1.75	19	499	873.3	
M16	2	17	329	658.0	
M20	2.5	15	238	595.0	

1.2344/ AISI H13/ SS2242 MC-code: P3.0.Z.AN 235 HB	↓ 1.5xD		Vc [m/min]	N [rpm]	Vf [mm/min]
	M	TP			
	P3				
M3	0.5	27	2855	1427.5	
M4	0.7	27	2141	1498.7	
M5	0.8	27	1713	1370.4	
M6	1	27	1428	1428.0	
M8	1.25	27	1071	1338.8	
M10	1.5	27	857	1285.5	
M12	1.75	27	714	1249.5	
M16	2	24	470	940.0	
M20	2.5	21	340	850.0	

1.2344/ AISI H13/ SS2242 MC-code: P3.0.Z.AN 235 HB	↓ 2xD		Vc [m/min]	N [rpm]	Vf [mm/min]
	M	TP			
	P3				
M3	0.5	22	2334	1167.0	
M4	0.7	22	1751	1225.7	
M5	0.8	22	1401	1120.8	
M6	1	22	1167	1167.0	
M8	1.25	22	875	1093.8	
M10	1.5	22	700	1050.0	
M12	1.75	22	584	1022.0	
M16	2	19	385	770.0	
M20	2.5	17	278	695.0	

1.2344/ AISI H13/ SS2242 MC-code: P3.0.Z.AN 235 HB	↓ 2.5xD		Vc [m/min]	N [rpm]	Vf [mm/min]
	M	TP			
	P3				
M3	0.5	19	1997	998.5	
M4	0.7	19	1498	1048.6	
M5	0.8	19	1198	958.4	
M6	1	19	998	998.0	
M8	1.25	19	749	936.3	
M10	1.5	19	599	898.5	
M12	1.75	19	499	873.3	
M16	2	17	329	658.0	
M20	2.5	15	238	595.0	

# 材料对照表/Tableaux de correspondance matériau/ Quererverweistabellen (Material)/Tabelas de Referência Cruzada de Materiais/Tablas de referencias cruzadas de materiales/Material Cross Reference Tables

//Norme et Pays/région//Standard & Land/Region//Padrão & País/Região//Estándar y país/región//Standard & Country/Region												
ISO	MC-code	Dormer AMG	Europe DIN EN	Germany W.-nr	UK BS	EN	Sweden SS	USA AISI/SAE/ASTM	France AFNOR	Italy UNI	Spain UNE	Japan JIS
<b>P</b>	<b>非合金钢/Aciers non alliés/Unlegierter Stahl/Aços sem liga/Acero no aleado/ Unalloyed steels</b>											
	P1.1.Z.AN	1.2	S235JR G2	1.0038	4360 40 C		1311	A570.36	E 24-2 Ne			STKM 12A;C
	P1.1.Z.AN	1.2	S235J2 G3	1.0116	4360 40 B		1312	A573-81 65	E 24-U	Fe37-3		
	P1.1.Z.AN	1.2	C15	1.0401	080M15	-	1350	1015	CC12	C15C16	F.111	-
	P1.1.Z.AN	1.2	C22	1.0402	050A20	2C/2D	1450	1020	CC20	C20C21	F.112	-
	P1.1.Z.AN	1.2	C15E	1.1141	080M15	32C	1370	1015	XC12	C16	C15K	S15C
	P1.1.Z.AN	1.2	C25E	1.1158	-	-	-	1025	-	-	-	S25C
	P1.1.Z.AN	1.2	S380N	1.8900	4360 55 E		2145	A572-60	-	FeE390KG		
	P1.1.Z.AN	1.3	17MnV7	1.0870	4360 55 E		2142	A572-60	NFA 35-501 E 36	-	-	
	P1.1.Z.AN	1.3	55Si7	1.0904	250A53	45	2085	9255	55S7	55Si8	56Si7	-
	P1.1.Z.HT	1.3	-	-	-	-	2090	9255	55S7	-	-	-
	P1.2.Z.AN	1.2	S275J2G3	1.0144	4360 43C		1412	A573-81	E 28-3	-	-	SM 400A;B;C
	P1.2.Z.AN	1.2	S355J2G3+C2	1.0570	4360 50B		2132	-	E36-3	Fe52BFN/ Fe52CFN	-	SM490A;B;C; YA;YB
	P1.2.Z.AN	1.2	S355J2G3	1.0841	150 M 19		2172	5120	20 MC 5	Fe52	F-431	-
	P1.2.Z.AN	1.3	C35	1.0501	060A35	-	1550	1035	CC35	C35	F.113	-
	P1.2.Z.AN	1.3	C45	1.0503	080M46	-	1650	1045	CC45	C45	F.114	-
	P1.2.Z.AN	1.3	40Mn4	1.1157	150M36	15	-	1039	35M5	-	-	-
	P1.2.Z.AN	1.3	36Mn5	1.1167	-	-	2120	1335	40M5	-	36Mn5	SMn438(H)
	P1.2.Z.AN	1.3	28Mn6	1.1170	150M28	14A	-	1330	20M5	C28Mn	-	SCMn1
	P1.2.Z.AN	1.3	C35G	1.1183	060A35	-	1572	1035	XC38TS	C36	-	S35C
	P1.2.Z.AN	1.3	C45E	1.1191	080M46	-	1672	1045	XC42	C45	C45K	S45C
	P1.2.Z.AN	1.3	C53G	1.1213	060A52	-	1674	1050	XC48TS	C53	-	S50C
	P1.2.Z.AN	1.3	C55	1.0535	070M55	-	1655	1055	-	C55	-	-
	P1.2.Z.AN	1.3	C55E	1.1203	070M55	-	-	1055	XC55	C50	C55K	S55C
	P1.3.Z.AN	1.3	C60E	1.0601	080A62	43D	-	1060	CC55	C60	-	-
	P1.3.Z.AN	1.3	C60E	1.1221	080A62	43D	1678	1060	XC60	C60	-	S58C
	P1.3.Z.AN	1.3	C101E	1.1274	060 A 96		1870	1095	XC 100	-	F-5117	-
	P1.3.Z.AN	1.3	S340 MGC	1.0961	-	-	-	9262	60SC7	60SiCr8	60SiCr8	-
	P1.3.Z.AN	1.4	C101u	1.1545	BW 1A		1880	W 1	Y105	C36KU	F-5118	SK 3
	P1.3.Z.AN	1.4	C105W1	-	BW2	-	2900	W210	Y120	C120KU	F.515	SUP4
	P1.4.Z.AN	1.2	11SMn30	1.0715	230M07	-	1912	1213	S250	CF9SMn28	11SMn28	SUM22
	P1.4.Z.AN	1.2	11SMnPb30	1.0718	-	-	1914	12L13	S250Pb	CF9SMnPb28	11SMnPb28	SUM22L
	P1.4.Z.AN	1.2	10SPb20	1.0722	-	-	-	-	10PbF2	CF10SPb20	10SPb20	-
	P1.4.Z.AN	1.2	11SMn37	1.0736	240M07	1B	-	1215	S 300	CF9SMn36	12SMn35	-
	P1.4.Z.AN	1.2	11SMnPb37	1.0737	-	-	1926	12L14	S300Pb	CF9SMnPb36	12SMnP35	-
P1.4.Z.AN	1.2	35S20	1.0726	212M36	8M	1957	1140	35MF4	-	F210G	-	
P1.5.C.UT	1.2	GC16E	1.1142	030A04W	1A	1325	1115	-	-	-	-	
<b>钢/Acier/Stahl/Aços/Acero/Steel</b>	<b>低合金钢/Aciers faiblement alliés/Niedriglegierter Stahl/Aços baixa-liga/ Acero de aleación baja/Low-alloyed steels</b>											
	P2.1.Z.AN	1.3	16MnCr5	1.7139	-	-	2127	-	-	-	-	-
	P2.1.Z.AN	1.4-1.6	16Mo3	1.5415	1501-240	-	2912	A204Gr.A	15D3	16Mo3KW	16Mo3	-
	P2.1.Z.AN	1.4-1.6	14Ni6	1.5622	-	-	-	A350LF5	16N6	14Ni6	15Ni6	-
	P2.1.Z.AN	1.4-1.6	21NiCrMo2	1.6523	805M20	362	2506	8620	20NCD2	20NiCrMo2	20NiCrMo2	SNCM220(H)
	P2.1.Z.AN	1.4-1.6	17CrNiMo6	1.6587	820A16	-	-	-	18NCD6	-	14NiCrMo13	-
	P2.1.Z.AN	1.4-1.6	15Cr3	1.7015	523M15	-	-	5015	12C3	-	-	SCr415(H)
	P2.1.Z.AN	1.4-1.6	55Cr3	1.7176	527A60	48	-	5155	55C3	-	-	SUP9(A)
	P2.1.Z.AN	1.4-1.6	15CrMo5	1.7262	2127	-	2216	-	12CD4	-	12CrMo4	SCM415(H)
	P2.1.Z.AN	1.4-1.6	13CrMo4-5	1.7335	1501-620Gr27	-	-	A182 F11;F12	15CD3.5	14CrMo45	14CrMo45	-
	P2.1.Z.AN	1.4-1.6	10CrMo9 10	1.7380	1501-622Gr. 31;45	-	2218	A182 F.22	12CD9, 10	12CrMo9, 10	TU.H	-
	P2.1.Z.AN	1.4-1.6	14MoV6 3	1.7715	1503-660-440	-	-	-	-	-	13MoCrV6	-
	P2.1.Z.AN	1.4-1.6	50CoMo4	1.7228	823M30	33	2512	-	-	653M31	-	-
	P2.1.Z.AN	1.4-1.6	14NiCrMo134	1.6657	832M13	36C	-	-	-	15NiCrMo13	14NiCrMo131	-
	P2.1.Z.AN	1.4-1.6	16Mo5	1.5423	1503-245-420	-	-	4520	-	16Mo5	16Mo5	-
	P2.1.Z.AN	1.4-1.6	22Mo4	1.5419	605A32	-	2108	8620	25CD4	-	F520.S	-
	P2.1.Z.AN/P2.5.Z.HT	1.4-1.6	25CrMo4	1.7218	1717CDS110	-	2225	4130	16MC5	25CrMo4(KB)	AM26CrMo4	SCM420; SCM430
	P2.1.Z.AN/P2.5.Z.HT	1.4-1.6	16MnCr5	1.7131	(527M20)	-	2511	5115	35CD4	16MnCr5	16MnCr5	-
	P2.1.Z.AN/P2.5.Z.HT	1.4-1.6	34CrMo4	1.7220	708A37	19B	2234	4137;4135	42CD4TS	35CrMo4	34CrMo4	SCM432; SCCRM3
	P2.1.Z.AN/P2.5.Z.HT	1.4-1.6	41CrMo4	1.7223	708M40	19A	2244	4140;4142	42CD4	41CrMo4	42CrMo4	SCM 440
	P2.1.Z.AN/P2.5.Z.HT	1.4-1.6	42CrMo4	1.7225	708M40	19A	2244	4140	30 CD 12	42CrMo4	42CrMo4	SCM440(H)
	P2.2.Z.AN	1.4-1.6	31CrMo12	1.8515	722 M 24		2240	-	-	30CrMo12	F-1712	-
	P2.2.Z.AN	1.4-1.6	39CrMoV13 9	1.8523	897M39	40C	-	-	-	36CrMoV12	-	-
	P2.2.Z.AN	1.4-1.6	41CrS4	1.7039	524A14	-	2092	L1	-	105WCR 5	-	-
	P2.2.Z.AN	1.4-1.6	45WCrV7	1.2542	BS1	-	2710	S1	-	45WCrV8KU	45WCrSi8	-
	P2.2.Z.AN	1.4-1.6	40NiCrMo8-4	1.6562	311-Type 7	-	-	8740	-	40NiCrMo2(KB)	40NiCrMo2	SNCM240
	P2.2.Z.AN	1.4-1.6	42Cr4	1.7045	-	-	2245	5140	-	-	42Cr4	SCR440
	P2.2.Z.AN	1.4-1.6	31NiCrMo14	1.5755	830 M 31		2534	-	55NCV6	-	F-1270	-
	P2.2.Z.AN	1.6	50NiCr13	1.2721	-		2550	L6	40NCD3	-	F-528	-

