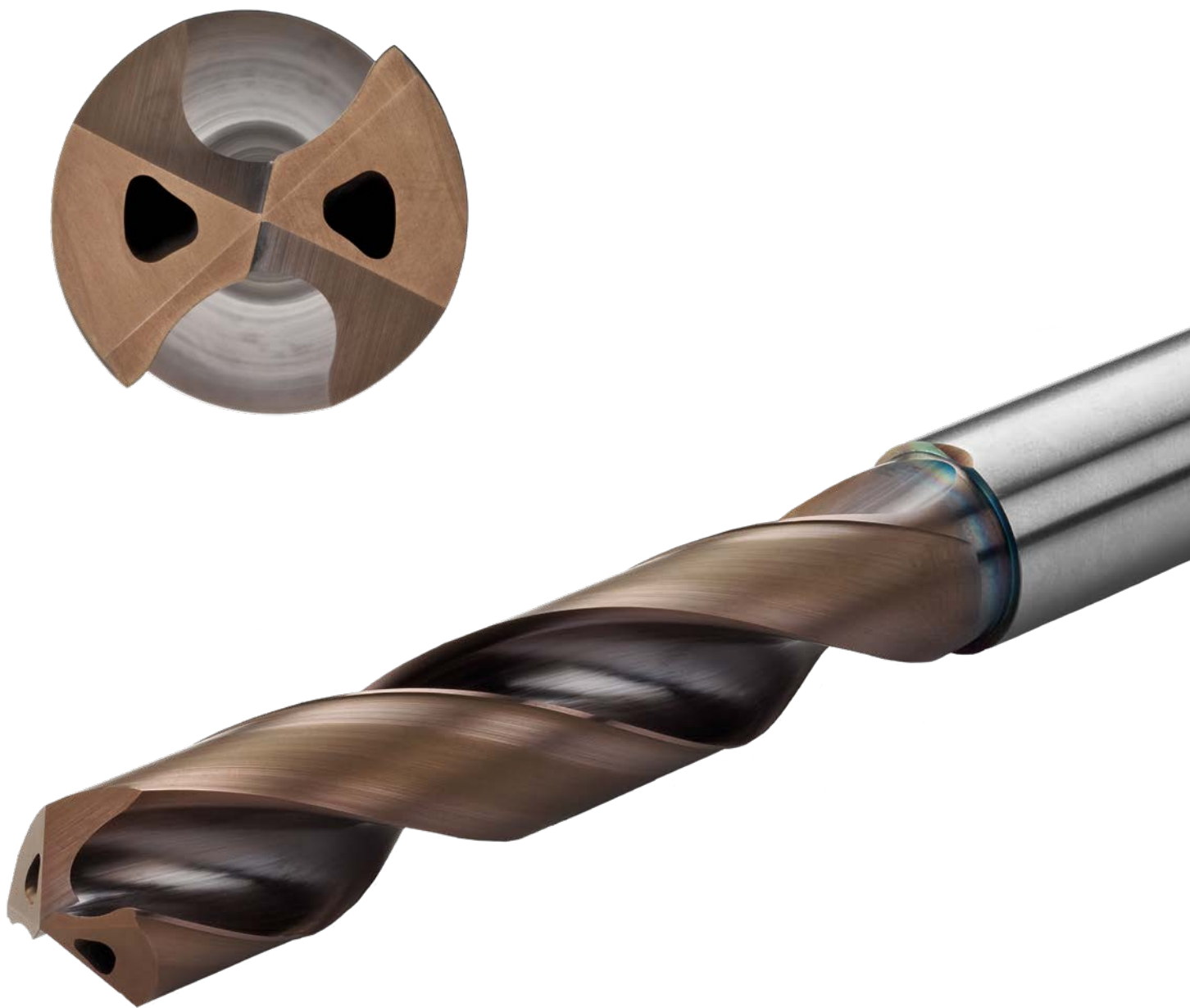


MMS

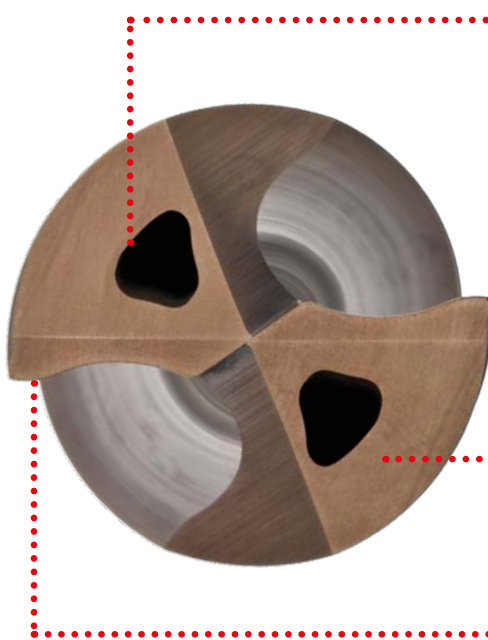
BROCAS DE METAL DURO PARA ACERO INOXIDABLE



MMS

BROCAS DE METAL DURO PARA ACERO INOXIDABLE

GEOMETRÍA DEL AGUJERO DE REFRIGERACIÓN ÚNICA PARA UNA ALTA PRODUCTIVIDAD Y UNA LARGA VIDA ÚTIL DE LA HERRAMIENTA



GEOMETRÍA DEL AGUJERO DE REFRIGERACIÓN

Se utiliza la tecnología TRI-cooling. El volumen de refrigerante aumenta debido a la geometría única del agujero.

MARGEN ESPECIAL PARA REDUCIR LA RESISTENCIA AL CORTE

Ancho de margen especial para el taladrado de acero inoxidable. La baja resistencia al corte ofrece un mayor rendimiento de mecanizado.

CALIDAD DP7020

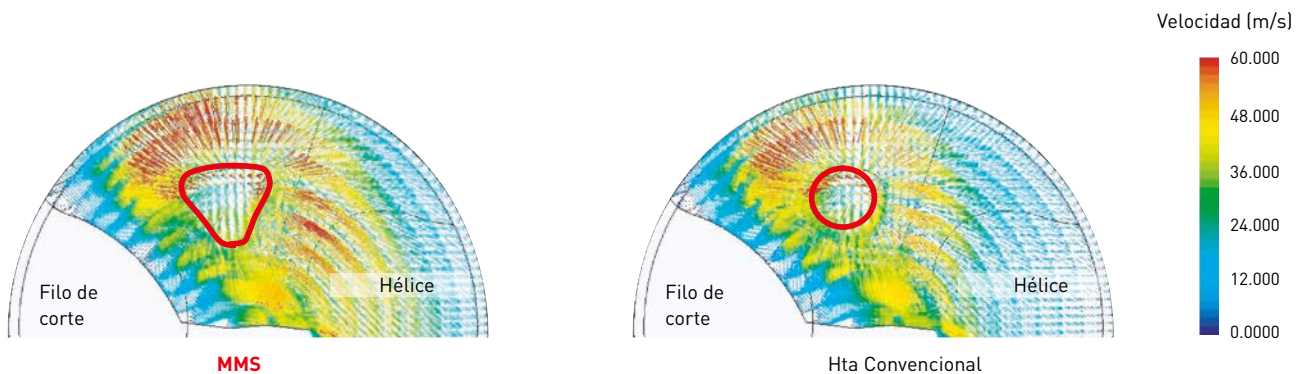
Sustrato de metal duro para aceros inoxidables, con un recubrimiento de PVD para ofrecer una mayor lubricidad.

FILO DE CORTE CURVO IDEAL PARA EL ACERO INOXIDABLE

El filo de corte cóncavo principal mejora el afilado y la selección exterior convexa mejora la resistencia general.

EN COMPARACIÓN CON LAS BROCAS CONVENCIONALES EL VOLUMEN DE REFRIGERANTE SE DUPLICA CON REFRIGERACIÓN MEJORADA PARA UNA MAYOR VIDA ÚTIL DE LA HERRAMIENTA

SIMULACIÓN DE LA VELOCIDAD DEL FLUJO DE REFRIGERANTE (4700RPM)



MMS



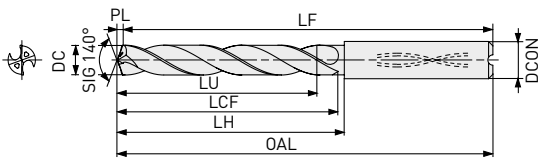
BROCAS DE METAL DURO PARA ACERO INOXIDABLE

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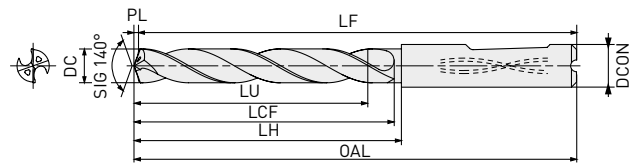
1 Tipo mango cilíndrico

MMS---S/L-DIN-C (l/d 3-5)
MMS---X3/X5DB (l/d 3-5)



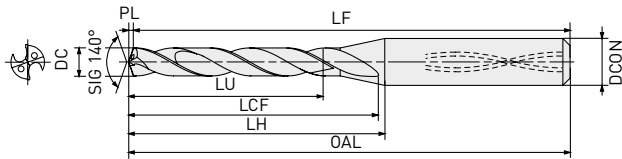
2 Mango tipo Whistle notch

MMS---S/L-DIN (l/d 3-5)



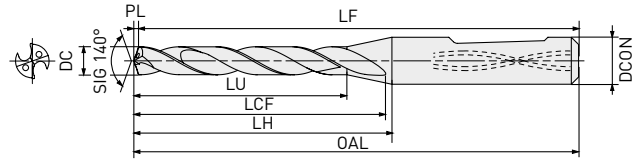
3 Tipo mango cilíndrico con cuello cónico

MMS---S/L-DIN-C (l/d 3-5)
MMS---X3/X5DB (l/d 3-5)



4 Mango tipo Whistle notch con cuello cónico

MMS---S/L-DIN (l/d 3-5)



	DC=3	3<DC≤6	6<DC≤10	10<DC≤18	18<DC≤20
Tipo DIN (m7)	+0.012	+0.016	+0.021	+0.025	+0.029
Otros (h8)	+0.002	+0.004	+0.006	+0.007	+0.008
	0	0	0	0	0
	-0.014	-0.018	-0.022	-0.027	-0.033
		0	0	0	0
		-0.008	-0.009	-0.011	-0.013

- Para un taladrado de alta precisión y eficaz de aceros inoxidables.
- Las brocas con agujeros TRI coolant empiezan desde Ø 4.60 mm.

Referencia	DP7020 Profundidad agujero	DC	Dimensiones (mm)						Tipo	
			LU	LCF	LH	OAL	LF	PL		DCON
MMS0300S-DIN-C	● 3	3.0	9.0	20.0	26.0	62.0	61.5	0.5	6	3
MMS0300L-DIN-C	● 5		15.0	28.0	30.0	66.0	65.5	0.5	6	3
MMS0300X3DB	★ 3		9.0	22.0	24.0	70.5	70.0	0.5	6	3
MMS0300X5DB	★ 5		15.0	29.0	32.0	78.5	78.0	0.5	6	3
MMS0305S-DIN	□ 3	3.05	9.2	20.0	26.0	62.0	61.4	0.6	6	4
MMS0305S-DIN-C	● 3		9.2	20.0	26.0	62.0	61.4	0.6	6	3
MMS0305L-DIN	□ 5		15.3	28.0	30.0	66.0	65.4	0.6	6	4
MMS0305L-DIN-C	● 5		15.3	28.0	30.0	66.0	65.4	0.6	6	3

MMS

Referencia	DP7020 Profundidad agujero	DC	Dimensiones (mm)							Tipo
			LU	LCF	LH	OAL	LF	PL	DCON	
MMS0310S-DIN	□ 3	3.1	9.3	20.0	26.0	62.0	61.4	0.6	6	4
MMS0310S-DIN-C	● 3		9.3	20.0	26.0	62.0	61.4	0.6	6	3
MMS0310L-DIN	□ 5		15.5	28.0	30.0	66.0	65.4	0.6	6	4
MMS0310L-DIN-C	● 5		15.5	28.0	30.0	66.0	65.4	0.6	6	3
MMS0310X3DB	★ 3		9.3	22.0	24.0	70.6	70.0	0.6	6	3
MMS0310X5DB	★ 5		15.5	29.0	32.0	78.6	78.0	0.6	6	3
MMS0320S-DIN	□ 3	3.2	9.6	20.0	26.0	62.0	61.4	0.6	6	4
MMS0320S-DIN-C	● 3		9.6	20.0	26.0	62.0	61.4	0.6	6	3
MMS0320L-DIN	□ 5		16.0	28.0	30.0	66.0	65.4	0.6	6	4
MMS0320L-DIN-C	● 5		16.0	28.0	30.0	66.0	65.4	0.6	6	3
MMS0320X3DB	★ 3		9.6	22.0	24.0	70.6	70.0	0.6	6	3
MMS0320X5DB	★ 5		16.0	29.0	32.0	78.6	78.0	0.6	6	3
MMS0330S-DIN	□ 3	3.3	9.9	20.0	26.0	62.0	61.4	0.6	6	4
MMS0330S-DIN-C	● 3		9.9	20.0	26.0	62.0	61.4	0.6	6	3
MMS0330L-DIN	□ 5		16.5	28.0	30.0	66.0	65.4	0.6	6	4
MMS0330L-DIN-C	● 5		16.5	28.0	30.0	66.0	65.4	0.6	6	3
MMS0330X3DB	★ 3		9.9	22.0	24.0	70.6	70.0	0.6	6	3
MMS0330X5DB	★ 5		16.5	29.0	32.0	78.6	78.0	0.6	6	3
MMS0340S-DIN	□ 3	3.4	10.2	20.0	26.0	62.0	61.4	0.6	6	4
MMS0340S-DIN-C	● 3		10.2	20.0	26.0	62.0	61.4	0.6	6	3
MMS0340L-DIN	□ 5		17.0	28.0	30.0	66.0	65.4	0.6	6	4
MMS0340L-DIN-C	● 5		17.0	28.0	30.0	66.0	65.4	0.6	6	3
MMS0340X3DB	★ 3		10.2	22.0	24.0	70.6	70.0	0.6	6	3
MMS0340X5DB	★ 5		17.0	29.0	32.0	78.6	78.0	0.6	6	3
MMS0350S-DIN	□ 3	3.5	10.5	20.0	26.0	62.0	61.4	0.6	6	4
MMS0350S-DIN-C	● 3		10.5	20.0	26.0	62.0	61.4	0.6	6	3
MMS0350L-DIN	□ 5		17.5	28.0	30.0	66.0	65.4	0.6	6	4
MMS0350L-DIN-C	● 5		17.5	28.0	30.0	66.0	65.4	0.6	6	3
MMS0350X3DB	★ 3		10.5	22.0	24.0	70.6	70.0	0.6	6	3
MMS0350X5DB	★ 5		17.5	29.0	32.0	78.6	78.0	0.6	6	3
MMS0360S-DIN	□ 3	3.6	10.8	20.0	26.0	62.0	61.3	0.7	6	4
MMS0360S-DIN-C	● 3		10.8	20.0	26.0	62.0	61.3	0.7	6	3
MMS0360L-DIN	□ 5		18.0	28.0	30.0	66.0	65.3	0.7	6	4
MMS0360L-DIN-C	● 5		18.0	28.0	30.0	66.0	65.3	0.7	6	3
MMS0360X3DB	★ 3		10.8	23.0	24.0	70.7	70.0	0.7	6	3
MMS0360X5DB	★ 5		18.0	31.0	32.0	78.7	78.0	0.7	6	3
MMS0370S-DIN	□ 3	3.7	11.1	20.0	26.0	62.0	61.3	0.7	6	4
MMS0370S-DIN-C	● 3		11.1	20.0	26.0	62.0	61.3	0.7	6	3
MMS0370L-DIN	□ 5		18.5	28.0	30.0	66.0	65.3	0.7	6	4
MMS0370L-DIN-C	● 5		18.5	28.0	30.0	66.0	65.3	0.7	6	3
MMS0370X3DB	★ 3		11.1	23.0	24.0	70.7	70.0	0.7	6	3
MMS0370X5DB	★ 5		18.5	31.0	32.0	78.7	78.0	0.7	6	3
MMS0380S-DIN	□ 3	3.8	11.4	24.0	30.0	66.0	65.3	0.7	6	4
MMS0380S-DIN-C	● 3		11.4	24.0	30.0	66.0	65.3	0.7	6	3
MMS0380L-DIN	□ 5		19.0	36.0	38.0	74.0	73.3	0.7	6	4
MMS0380L-DIN-C	● 5		19.0	36.0	38.0	74.0	73.3	0.7	6	3
MMS0380X3DB	★ 3		11.4	23.0	24.0	70.7	70.0	0.7	6	3
MMS0380X5DB	★ 5		19.0	31.0	32.0	78.7	78.0	0.7	6	3

MMS

Referencia	DP7020 Profundidad agujero	DC	Dimensiones (mm)							Tipo
			LU	LCF	LH	OAL	LF	PL	DCON	
MMS0390S-DIN	□ 3	3.9	11.7	24.0	30.0	66.0	65.3	0.7	6	4
MMS0390S-DIN-C	● 3		11.7	24.0	30.0	66.0	65.3	0.7	6	3
MMS0390L-DIN	□ 5		19.5	36.0	38.0	74.0	73.3	0.7	6	4
MMS0390L-DIN-C	● 5		19.5	36.0	38.0	74.0	73.3	0.7	6	3
MMS0390X3DB	★ 3		11.7	23.0	24.0	70.7	70.0	0.7	6	3
MMS0390X5DB	★ 5		19.5	31.0	32.0	78.7	78.0	0.7	6	3
MMS0400S-DIN-C	● 3	4.0	12.0	24.0	30.0	66.0	65.3	0.7	6	3
MMS0400L-DIN-C	● 5		20.0	36.0	38.0	74.0	73.3	0.7	6	3
MMS0400X3DB	★ 3		12.0	23.0	24.0	70.7	70.0	0.7	6	3
MMS0400X5DB	★ 5		20.0	31.0	32.0	78.7	78.0	0.7	6	3
MMS0405S-DIN	□ 3	4.05	12.2	24.0	30.0	66.0	65.3	0.7	6	4
MMS0405S-DIN-C	● 3		12.2	24.0	30.0	66.0	65.3	0.7	6	3
MMS0405L-DIN	□ 5		20.3	36.0	38.0	74.0	73.3	0.7	6	4
MMS0405L-DIN-C	● 5		20.3	36.0	38.0	74.0	73.3	0.7	6	3
MMS0410S-DIN	□ 3	4.1	12.3	24.0	30.0	66.0	65.3	0.7	6	4
MMS0410S-DIN-C	● 3		12.3	24.0	30.0	66.0	65.3	0.7	6	3
MMS0410L-DIN	□ 5		20.5	36.0	38.0	74.0	73.3	0.7	6	4
MMS0410L-DIN-C	● 5		20.5	36.0	38.0	74.0	73.3	0.7	6	3
MMS0410X3DB	★ 3		12.3	25.0	27.0	73.7	73.0	0.7	6	3
MMS0410X5DB	★ 5		20.5	34.0	36.0	82.7	82.0	0.7	6	3
MMS0420S-DIN-C	● 3	4.2	12.6	24.0	30.0	66.0	65.2	0.8	6	3
MMS0420L-DIN-C	● 5		21.0	36.0	38.0	74.0	73.2	0.8	6	3
MMS0420X3DB	★ 3		12.6	25.0	27.0	73.8	73.0	0.8	6	3
MMS0420X5DB	★ 5		21.0	34.0	36.0	82.8	82.0	0.8	6	3
MMS0430S-DIN	□ 3	4.3	12.9	24.0	30.0	66.0	65.2	0.8	6	4
MMS0430S-DIN-C	● 3		12.9	24.0	30.0	66.0	65.2	0.8	6	3
MMS0430L-DIN	□ 5		21.5	36.0	38.0	74.0	73.2	0.8	6	4
MMS0430L-DIN-C	● 5		21.5	36.0	38.0	74.0	73.2	0.8	6	3
MMS0430X3DB	★ 3		12.9	25.0	27.0	73.8	73.0	0.8	6	3
MMS0430X5DB	★ 5		21.5	34.0	36.0	82.8	82.0	0.8	6	3
MMS0440S-DIN	□ 3	4.4	13.2	24.0	30.0	66.0	65.2	0.8	6	4
MMS0440S-DIN-C	□ 3		13.2	24.0	30.0	66.0	65.2	0.8	6	3
MMS0440L-DIN	□ 5		22.0	36.0	38.0	74.0	73.2	0.8	6	4
MMS0440L-DIN-C	□ 5		22.0	36.0	38.0	74.0	73.2	0.8	6	3
MMS0440X3DB	★ 3		13.2	25.0	27.0	73.8	73.0	0.8	6	3
MMS0440X5DB	★ 5		22.0	34.0	36.0	82.8	82.0	0.8	6	3
MMS0450S-DIN	□ 3	4.5	13.5	24.0	30.0	66.0	65.2	0.8	6	4
MMS0450S-DIN-C	● 3		13.5	24.0	30.0	66.0	65.2	0.8	6	3
MMS0450L-DIN	□ 5		22.5	36.0	38.0	74.0	73.2	0.8	6	4
MMS0450L-DIN-C	● 5		22.5	36.0	38.0	74.0	73.2	0.8	6	3
MMS0450X3DB	★ 3		13.5	25.0	27.0	73.8	73.0	0.8	6	3
MMS0450X5DB	★ 5		22.5	34.0	36.0	82.8	82.0	0.8	6	3
MMS0460S-DIN	□ 3	4.6	13.8	24.0	30.0	66.0	65.2	0.8	6	2
MMS0460S-DIN-C	● 3		13.8	24.0	30.0	66.0	65.2	0.8	6	1
MMS0460L-DIN	□ 5		23.0	36.0	38.0	74.0	73.2	0.8	6	2
MMS0460L-DIN-C	● 5		23.0	36.0	38.0	74.0	73.2	0.8	6	1
MMS0460X3DB	★ 3		13.8	26.0	29.0	75.8	75.0	0.8	6	1
MMS0460X5DB	★ 5		23.0	36.0	39.0	85.8	85.0	0.8	6	1
MMS0465S-DIN	□ 3	4.65	14.0	24.0	30.0	66.0	65.2	0.8	6	2
MMS0465S-DIN-C	● 3		14.0	24.0	30.0	66.0	65.2	0.8	6	1
MMS0465L-DIN	□ 5		23.3	36.0	38.0	74.0	73.2	0.8	6	2
MMS0465L-DIN-C	● 5		23.3	36.0	38.0	74.0	73.2	0.8	6	1

MMS

Referencia	DP7020 Profundidad agujero	DC	Dimensiones (mm)							Tipo
			LU	LCF	LH	OAL	LF	PL	DCON	
MMS0470S-DIN	□ 3	4.7	14.1	24.0	30.0	66.0	65.1	0.9	6	2
MMS0470S-DIN-C	□ 3		14.1	24.0	30.0	66.0	65.1	0.9	6	1
MMS0470L-DIN	□ 5		23.5	36.0	38.0	74.0	73.1	0.9	6	2
MMS0470L-DIN-C	□ 5		23.5	36.0	38.0	74.0	73.1	0.9	6	1
MMS0470X3DB	★ 3		14.1	26.0	29.0	75.9	75.0	0.9	6	1
MMS0470X5DB	★ 5		23.5	36.0	39.0	85.9	85.0	0.9	6	1
MMS0480S-DIN	□ 3	4.8	14.4	28.0	30.0	66.0	65.1	0.9	6	2
MMS0480S-DIN-C	● 3		14.4	28.0	30.0	66.0	65.1	0.9	6	1
MMS0480L-DIN	□ 5		24.0	44.0	46.0	82.0	81.1	0.9	6	2
MMS0480L-DIN-C	● 5		24.0	44.0	46.0	82.0	81.1	0.9	6	1
MMS0480X3DB	★ 3		14.4	26.0	29.0	75.9	75.0	0.9	6	1
MMS0480X5DB	★ 5		24.0	36.0	39.0	85.9	85.0	0.9	6	1
MMS0490S-DIN	□ 3	4.9	14.7	28.0	30.0	66.0	65.1	0.9	6	2
MMS0490S-DIN-C	□ 3		14.7	28.0	30.0	66.0	65.1	0.9	6	1
MMS0490L-DIN	□ 5		24.5	44.0	46.0	82.0	81.1	0.9	6	2
MMS0490L-DIN-C	□ 5		24.5	44.0	46.0	82.0	81.1	0.9	6	1
MMS0490X3DB	★ 3		14.7	26.0	29.0	75.9	75.0	0.9	6	1
MMS0490X5DB	★ 5		24.5	36.0	39.0	85.9	85.0	0.9	6	1
MMS0500S-DIN-C	● 3	5.0	15.0	28.0	30.0	66.0	65.1	0.9	6	1
MMS0500L-DIN-C	● 5		25.0	44.0	46.0	82.0	81.1	0.9	6	1
MMS0500X3DB	★ 3		15.0	26.0	29.0	75.9	75.0	0.9	6	1
MMS0500X5DB	★ 5		25.0	36.0	39.0	85.9	85.0	0.9	6	1
MMS0505S-DIN	□ 3	5.05	15.2	28.0	30.0	66.0	65.1	0.9	6	2
MMS0505S-DIN-C	● 3		15.2	28.0	30.0	66.0	65.1	0.9	6	1
MMS0505L-DIN	□ 5		25.3	44.0	46.0	82.0	81.1	0.9	6	2
MMS0505L-DIN-C	● 5		25.3	44.0	46.0	82.0	81.1	0.9	6	1
MMS0510S-DIN	□ 3	5.1	15.3	28.0	30.0	66.0	65.1	0.9	6	2
MMS0510S-DIN-C	● 3		15.3	28.0	30.0	66.0	65.1	0.9	6	1
MMS0510L-DIN	□ 5		25.5	44.0	46.0	82.0	81.1	0.9	6	2
MMS0510L-DIN-C	● 5		25.5	44.0	46.0	82.0	81.1	0.9	6	1
MMS0510X3DB	★ 3		15.3	29.0	31.0	81.9	81.0	0.9	6	1
MMS0510X5DB	★ 5		25.5	40.0	43.0	89.9	89.0	0.9	6	1
MMS0520S-DIN	□ 3	5.2	15.6	28.0	30.0	66.0	65.1	0.9	6	2
MMS0520S-DIN-C	● 3		15.6	28.0	30.0	66.0	65.1	0.9	6	1
MMS0520L-DIN	□ 5		26.0	44.0	46.0	82.0	81.1	0.9	6	2
MMS0520L-DIN-C	● 5		26.0	44.0	46.0	82.0	81.1	0.9	6	1
MMS0520X3DB	★ 3		15.6	29.0	31.0	81.9	81.0	0.9	6	1
MMS0520X5DB	★ 5		26.0	40.0	43.0	89.9	89.0	0.9	6	1
MMS0530S-DIN	□ 3	5.3	15.9	28.0	30.0	66.0	65.0	1.0	6	2
MMS0530S-DIN-C	□ 3		15.9	28.0	30.0	66.0	65.0	1.0	6	1
MMS0530L-DIN	□ 5		26.5	44.0	46.0	82.0	81.0	1.0	6	2
MMS0530L-DIN-C	□ 5		26.5	44.0	46.0	82.0	81.0	1.0	6	1
MMS0530X3DB	★ 3		15.9	29.0	31.0	82.0	81.0	1.0	6	1
MMS0530X5DB	★ 5		26.5	40.0	43.0	90.0	89.0	1.0	6	1
MMS0540S-DIN	□ 3	5.4	16.2	28.0	30.0	66.0	65.0	1.0	6	2
MMS0540S-DIN-C	□ 3		16.2	28.0	30.0	66.0	65.0	1.0	6	1
MMS0540L-DIN	□ 5		27.0	44.0	46.0	82.0	81.0	1.0	6	2
MMS0540L-DIN-C	□ 5		27.0	44.0	46.0	82.0	81.0	1.0	6	1
MMS0540X3DB	★ 3		16.2	29.0	31.0	82.0	81.0	1.0	6	1
MMS0540X5DB	★ 5		27.0	40.0	43.0	90.0	89.0	1.0	6	1

MMS

Referencia	DP7020 Profundidad agujero	DC	Dimensiones (mm)							Tipo
			LU	LCF	LH	OAL	LF	PL	DCON	
MMS0550S-DIN	□ 3	5.5	16.5	28.0	30.0	66.0	65.0	1.0	6	2
MMS0550S-DIN-C	● 3		16.5	28.0	30.0	66.0	65.0	1.0	6	1
MMS0550L-DIN	□ 5		27.5	44.0	46.0	82.0	81.0	1.0	6	2
MMS0550L-DIN-C	● 5		27.5	44.0	46.0	82.0	81.0	1.0	6	1
MMS0550X3DB	★ 3		16.5	29.0	31.0	82.0	81.0	1.0	6	1
MMS0550X5DB	★ 5		27.5	40.0	43.0	90.0	89.0	1.0	6	1
MMS0555S-DIN	□ 3	5.55	16.7	28.0	30.0	66.0	65.0	1.0	6	2
MMS0555S-DIN-C	● 3		16.7	28.0	30.0	66.0	65.0	1.0	6	1
MMS0555L-DIN-C	● 5		27.8	44.0	46.0	82.0	81.0	1.0	6	1
MMS0560S-DIN	□ 3	5.6	16.8	28.0	30.0	66.0	65.0	1.0	6	2
MMS0560S-DIN-C	● 3		16.8	28.0	30.0	66.0	65.0	1.0	6	1
MMS0560L-DIN	□ 5		28.0	44.0	46.0	82.0	81.0	1.0	6	2
MMS0560L-DIN-C	● 5		28.0	44.0	46.0	82.0	81.0	1.0	6	1
MMS0560X3DB	★ 3		16.8	31.0	31.0	82.0	81.0	1.0	6	1
MMS0560X5DB	★ 5		28.0	43.0	43.0	90.0	89.0	1.0	6	1
MMS0570S-DIN	□ 3	5.7	17.1	28.0	30.0	66.0	65.0	1.0	6	2
MMS0570S-DIN-C	● 3		17.1	28.0	30.0	66.0	65.0	1.0	6	1
MMS0570L-DIN	□ 5		28.5	44.0	46.0	82.0	81.0	1.0	6	2
MMS0570L-DIN-C	● 5		28.5	44.0	46.0	82.0	81.0	1.0	6	1
MMS0570X3DB	★ 3		17.1	31.0	31.0	82.0	81.0	1.0	6	1
MMS0570X5DB	★ 5		28.5	43.0	43.0	90.0	89.0	1.0	6	1
MMS0580S-DIN	□ 3	5.8	17.4	28.0	30.0	66.0	64.9	1.1	6	2
MMS0580S-DIN-C	● 3		17.4	28.0	30.0	66.0	64.9	1.1	6	1
MMS0580L-DIN	□ 5		29.0	44.0	46.0	82.0	80.9	1.1	6	2
MMS0580L-DIN-C	● 5		29.0	44.0	46.0	82.0	80.9	1.1	6	1
MMS0580X3DB	★ 3		17.4	31.0	31.0	82.1	81.0	1.1	6	1
MMS0580X5DB	★ 5		29.0	43.0	43.0	90.1	89.0	1.1	6	1
MMS0590S-DIN	□ 3	5.9	17.7	28.0	30.0	66.0	64.9	1.1	6	2
MMS0590S-DIN-C	□ 3		17.7	28.0	30.0	66.0	64.9	1.1	6	1
MMS0590L-DIN	□ 5		29.5	44.0	46.0	82.0	80.9	1.1	6	2
MMS0590L-DIN-C	□ 5		29.5	44.0	46.0	82.0	80.9	1.1	6	1
MMS0590X3DB	★ 3		17.7	31.0	31.0	82.1	81.0	1.1	6	1
MMS0590X5DB	★ 5		29.5	43.0	43.0	90.1	89.0	1.1	6	1
MMS0600S-DIN-C	● 3	6.0	18.0	28.0	30.0	66.0	64.9	1.1	6	1
MMS0600L-DIN-C	● 5		30.0	44.0	46.0	82.0	80.9	1.1	6	1
MMS0600X3DB	★ 3		18.0	31.0	31.0	82.1	81.0	1.1	6	1
MMS0600X5DB	★ 5		30.0	43.0	43.0	90.1	89.0	1.1	6	1
MMS0605S-DIN	□ 3	6.05	18.2	34.0	43.0	79.0	77.9	1.1	8	2
MMS0605S-DIN-C	● 3		18.2	34.0	43.0	79.0	77.9	1.1	8	1
MMS0605L-DIN	□ 5		30.3	53.0	55.0	91.0	89.9	1.1	8	2
MMS0605L-DIN-C	● 5		30.3	53.0	55.0	91.0	89.9	1.1	8	1
MMS0610S-DIN	□ 3	6.1	18.3	34.0	43.0	79.0	77.9	1.1	8	2
MMS0610S-DIN-C	● 3		18.3	34.0	43.0	79.0	77.9	1.1	8	1
MMS0610L-DIN	□ 5		30.5	53.0	55.0	91.0	89.9	1.1	8	2
MMS0610L-DIN-C	● 5		30.5	53.0	55.0	91.0	89.9	1.1	8	1
MMS0610X3DB	★ 3		18.3	34.0	36.0	87.1	86.0	1.1	8	1
MMS0610X5DB	★ 5		30.5	47.0	49.0	96.1	95.0	1.1	8	1
MMS0620S-DIN	□ 3	6.2	18.6	34.0	43.0	79.0	77.9	1.1	8	2
MMS0620S-DIN-C	● 3		18.6	34.0	43.0	79.0	77.9	1.1	8	1
MMS0620L-DIN	□ 5		31.0	53.0	55.0	91.0	89.9	1.1	8	2
MMS0620L-DIN-C	● 5		31.0	53.0	55.0	91.0	89.9	1.1	8	1
MMS0620X3DB	★ 3		18.6	34.0	36.0	87.1	86.0	1.1	8	1
MMS0620X5DB	★ 5		31.0	47.0	49.0	96.1	95.0	1.1	8	1

MMS

Referencia	DP7020	Profundidad agujero	DC	Dimensiones (mm)							Tipo	
				LU	LCF	LH	OAL	LF	PL	DCON		
MMS0630S-DIN	□	3	6.3	18.9	34.0	43.0	79.0	77.9	1.1	8	2	
MMS0630S-DIN-C	□	3		18.9	34.0	43.0	79.0	77.9	1.1	8	1	
MMS0630L-DIN	□	5		31.5	53.0	55.0	91.0	89.9	1.1	8	2	
MMS0630L-DIN-C	□	5		31.5	53.0	55.0	91.0	89.9	1.1	8	1	
MMS0630X3DB	★	3		18.9	34.0	36.0	87.1	86.0	1.1	8	1	
MMS0630X5DB	★	5		31.5	47.0	49.0	96.1	95.0	1.1	8	1	
MMS0640S-DIN	□	3	6.4	19.2	34.0	43.0	79.0	77.8	1.2	8	2	
MMS0640S-DIN-C	□	3		19.2	34.0	43.0	79.0	77.8	1.2	8	1	
MMS0640L-DIN	□	5		32.0	53.0	55.0	91.0	89.8	1.2	8	2	
MMS0640L-DIN-C	□	5		32.0	53.0	55.0	91.0	89.8	1.2	8	1	
MMS0640X3DB	★	3		19.2	34.0	36.0	87.2	86.0	1.2	8	1	
MMS0640X5DB	★	5		32.0	47.0	49.0	96.2	95.0	1.2	8	1	
MMS0650S-DIN	□	3	6.5	19.5	34.0	43.0	79.0	77.8	1.2	8	2	
MMS0650S-DIN-C	●	3		19.5	34.0	43.0	79.0	77.8	1.2	8	1	
MMS0650L-DIN	□	5		32.5	53.0	55.0	91.0	89.8	1.2	8	2	
MMS0650L-DIN-C	●	5		32.5	53.0	55.0	91.0	89.8	1.2	8	1	
MMS0650X3DB	★	3		19.5	34.0	36.0	87.2	86.0	1.2	8	1	
MMS0650X5DB	★	5		32.5	47.0	49.0	96.2	95.0	1.2	8	1	
MMS0660S-DIN	□	3	6.6	19.8	34.0	43.0	79.0	77.8	1.2	8	2	
MMS0660S-DIN-C	●	3		19.8	34.0	43.0	79.0	77.8	1.2	8	1	
MMS0660L-DIN	□	5		33.0	53.0	55.0	91.0	89.8	1.2	8	2	
MMS0660L-DIN-C	●	5		33.0	53.0	55.0	91.0	89.8	1.2	8	1	
MMS0660X3DB	★	3		19.8	36.0	38.0	91.2	90.0	1.2	8	1	
MMS0660X5DB	★	5		33.0	50.0	52.0	99.2	98.0	1.2	8	1	
MMS0670S-DIN	□	3	6.7	20.1	34.0	43.0	79.0	77.8	1.2	8	2	
MMS0670S-DIN-C	□	3		20.1	34.0	43.0	79.0	77.8	1.2	8	1	
MMS0670L-DIN	□	5		33.5	53.0	55.0	91.0	89.8	1.2	8	2	
MMS0670L-DIN-C	□	5		33.5	53.0	55.0	91.0	89.8	1.2	8	1	
MMS0670X3DB	★	3		20.1	36.0	38.0	91.2	90.0	1.2	8	1	
MMS0670X5DB	★	5		33.5	50.0	52.0	99.2	98.0	1.2	8	1	
MMS0680S-DIN-C	●	3	6.8	20.4	34.0	43.0	79.0	77.8	1.2	8	1	
MMS0680L-DIN-C	●	5		34.0	53.0	55.0	91.0	89.8	1.2	8	1	
MMS0680X3DB	★	3		20.4	36.0	38.0	91.2	90.0	1.2	8	1	
MMS0680X5DB	★	5		34.0	50.0	52.0	99.2	98.0	1.2	8	1	
MMS0690S-DIN	□	3		6.9	20.7	34.0	43.0	79.0	77.7	1.3	8	2
MMS0690S-DIN-C	●	3			20.7	34.0	43.0	79.0	77.7	1.3	8	1
MMS0690L-DIN	□	5	34.5		53.0	55.0	91.0	89.7	1.3	8	2	
MMS0690L-DIN-C	●	5	34.5		53.0	55.0	91.0	89.7	1.3	8	1	
MMS0690X3DB	★	3	20.7		36.0	38.0	91.3	90.0	1.3	8	1	
MMS0690X5DB	★	5	34.5		50.0	52.0	99.3	98.0	1.3	8	1	
MMS0700S-DIN-C	●	3	7.0	21.0	34.0	43.0	79.0	77.7	1.3	8	1	
MMS0700L-DIN-C	●	5		35.0	53.0	55.0	91.0	89.7	1.3	8	1	
MMS0700X3DB	★	3		21.0	36.0	38.0	91.3	90.0	1.3	8	1	
MMS0700X5DB	★	5		35.0	50.0	52.0	99.3	98.0	1.3	8	1	
MMS0710S-DIN	□	3	7.1	21.3	41.0	43.0	79.0	77.7	1.3	8	2	
MMS0710S-DIN-C	□	3		21.3	41.0	43.0	79.0	77.7	1.3	8	1	
MMS0710L-DIN	□	5		35.5	53.0	55.0	91.0	89.7	1.3	8	2	
MMS0710L-DIN-C	□	5		35.5	53.0	55.0	91.0	89.7	1.3	8	1	
MMS0710X3DB	★	3		21.3	39.0	40.0	91.3	90.0	1.3	8	1	
MMS0710X5DB	★	5		35.5	54.0	57.0	104.3	103.0	1.3	8	1	

MMS

Referencia	DP7020 Profundidad agujero	DC	Dimensiones (mm)							Tipo
			LU	LCF	LH	OAL	LF	PL	DCON	
MMS0720S-DIN	□ 3	7.2	21.6	41.0	43.0	79.0	77.7	1.3	8	2
MMS0720S-DIN-C	□ 3		21.6	41.0	43.0	79.0	77.7	1.3	8	1
MMS0720L-DIN	□ 5		36.0	53.0	55.0	91.0	89.7	1.3	8	2
MMS0720L-DIN-C	□ 5		36.0	53.0	55.0	91.0	89.7	1.3	8	1
MMS0720X3DB	★ 3		21.6	39.0	40.0	91.3	90.0	1.3	8	1
MMS0720X5DB	★ 5		36.0	54.0	57.0	104.3	103.0	1.3	8	1
MMS0730S-DIN	□ 3	7.3	21.9	41.0	43.0	79.0	77.7	1.3	8	2
MMS0730S-DIN-C	● 3		21.9	41.0	43.0	79.0	77.7	1.3	8	1
MMS0730L-DIN	□ 5		36.5	53.0	55.0	91.0	89.7	1.3	8	2
MMS0730L-DIN-C	● 5		36.5	53.0	55.0	91.0	89.7	1.3	8	1
MMS0730X3DB	★ 3		21.9	39.0	40.0	91.3	90.0	1.3	8	1
MMS0730X5DB	★ 5		36.5	54.0	57.0	104.3	103.0	1.3	8	1
MMS0740S-DIN	□ 3	7.4	22.2	41.0	43.0	79.0	77.7	1.3	8	2
MMS0740S-DIN-C	● 3		22.2	41.0	43.0	79.0	77.7	1.3	8	1
MMS0740L-DIN	□ 5		37.0	53.0	55.0	91.0	89.7	1.3	8	2
MMS0740L-DIN-C	● 5		37.0	53.0	55.0	91.0	89.7	1.3	8	1
MMS0740X3DB	★ 3		22.2	39.0	40.0	91.3	90.0	1.3	8	1
MMS0740X5DB	★ 5		37.0	54.0	57.0	104.3	103.0	1.3	8	1
MMS0750S-DIN	□ 3	7.5	22.5	41.0	43.0	79.0	77.6	1.4	8	2
MMS0750S-DIN-C	● 3		22.5	41.0	43.0	79.0	77.6	1.4	8	1
MMS0750L-DIN	□ 5		37.5	53.0	55.0	91.0	89.6	1.4	8	2
MMS0750L-DIN-C	● 5		37.5	53.0	55.0	91.0	89.6	1.4	8	1
MMS0750X3DB	★ 3		22.5	39.0	40.0	91.4	90.0	1.4	8	1
MMS0750X5DB	★ 5		37.5	54.0	57.0	104.4	103.0	1.4	8	1
MMS0760S-DIN	□ 3	7.6	22.8	41.0	43.0	79.0	77.6	1.4	8	2
MMS0760S-DIN-C	□ 3		22.8	41.0	43.0	79.0	77.6	1.4	8	1
MMS0760L-DIN	□ 5		38.0	53.0	55.0	91.0	89.6	1.4	8	2
MMS0760L-DIN-C	□ 5		38.0	53.0	55.0	91.0	89.6	1.4	8	1
MMS0760X3DB	★ 3		22.8	41.0	41.0	91.4	90.0	1.4	8	1
MMS0760X5DB	★ 5		38.0	57.0	57.0	104.4	103.0	1.4	8	1
MMS0770S-DIN	□ 3	7.7	23.1	41.0	43.0	79.0	77.6	1.4	8	2
MMS0770S-DIN-C	□ 3		23.1	41.0	43.0	79.0	77.6	1.4	8	1
MMS0770L-DIN	□ 5		38.5	53.0	55.0	91.0	89.6	1.4	8	2
MMS0770L-DIN-C	□ 5		38.5	53.0	55.0	91.0	89.6	1.4	8	1
MMS0770X3DB	★ 3		23.1	41.0	41.0	91.4	90.0	1.4	8	1
MMS0770X5DB	★ 5		38.5	57.0	57.0	104.4	103.0	1.4	8	1
MMS0780S-DIN	□ 3	7.8	23.4	41.0	43.0	79.0	77.6	1.4	8	2
MMS0780S-DIN-C	● 3		23.4	41.0	43.0	79.0	77.6	1.4	8	1
MMS0780L-DIN	□ 5		39.0	53.0	55.0	91.0	89.6	1.4	8	2
MMS0780L-DIN-C	● 5		39.0	53.0	55.0	91.0	89.6	1.4	8	1
MMS0780X3DB	★ 3		23.4	41.0	41.0	91.4	90.0	1.4	8	1
MMS0780X5DB	★ 5		39.0	57.0	57.0	104.4	103.0	1.4	8	1
MMS0790S-DIN	□ 3	7.9	23.7	41.0	43.0	79.0	77.6	1.4	8	2
MMS0790S-DIN-C	□ 3		23.7	41.0	43.0	79.0	77.6	1.4	8	1
MMS0790L-DIN	□ 5		39.5	53.0	55.0	91.0	89.6	1.4	8	2
MMS0790L-DIN-C	□ 5		39.5	53.0	55.0	91.0	89.6	1.4	8	1
MMS0790X3DB	★ 3		23.7	41.0	41.0	91.4	90.0	1.4	8	1
MMS0790X5DB	★ 5		39.5	57.0	57.0	104.4	103.0	1.4	8	1
MMS0800S-DIN-C	● 3	8.0	24.0	41.0	43.0	79.0	77.5	1.5	8	1
MMS0800L-DIN-C	● 5		40.0	53.0	55.0	91.0	89.5	1.5	8	1
MMS0800X3DB	★ 3		24.0	41.0	41.0	91.5	90.0	1.5	8	1
MMS0800X5DB	★ 5		40.0	57.0	57.0	104.5	103.0	1.5	8	1

MMS

Referencia	DP7020 Profundidad agujero	DC	Dimensiones (mm)								Tipo
			LU	LCF	LH	OAL	LF	PL	DCON		
MMS0805S-DIN	□ 3	8.05	24.2	46.0	48.0	88.0	86.5	1.5	10	2	
MMS0805S-DIN-C	● 3		24.2	46.0	48.0	88.0	86.5	1.5	10	1	
MMS0805L-DIN	□ 5		40.3	60.0	62.0	102.0	100.5	1.5	10	2	
MMS0805L-DIN-C	● 5		40.3	60.0	62.0	102.0	100.5	1.5	10	1	
MMS0810S-DIN	□ 3	8.1	24.3	46.0	48.0	88.0	86.5	1.5	10	2	
MMS0810S-DIN-C	□ 3		24.3	46.0	48.0	88.0	86.5	1.5	10	1	
MMS0810L-DIN	□ 5		40.5	60.0	62.0	102.0	100.5	1.5	10	2	
MMS0810L-DIN-C	□ 5		40.5	60.0	62.0	102.0	100.5	1.5	10	1	
MMS0810X3DB	★ 3	8.1	24.3	44.0	46.0	97.5	96.0	1.5	10	1	
MMS0810X5DB	★ 5		40.5	61.0	63.0	114.5	113.0	1.5	10	1	
MMS0820S-DIN	□ 3		8.2	24.6	46.0	48.0	88.0	86.5	1.5	10	2
MMS0820S-DIN-C	□ 3			24.6	46.0	48.0	88.0	86.5	1.5	10	1
MMS0820L-DIN	□ 5	41.0		60.0	62.0	102.0	100.5	1.5	10	2	
MMS0820L-DIN-C	□ 5	41.0		60.0	62.0	102.0	100.5	1.5	10	1	
MMS0820X3DB	★ 3	8.2	24.6	44.0	46.0	97.5	96.0	1.5	10	1	
MMS0820X5DB	★ 5		41.0	61.0	63.0	114.5	113.0	1.5	10	1	
MMS0830S-DIN	□ 3		8.3	24.9	46.0	48.0	88.0	86.5	1.5	10	2
MMS0830S-DIN-C	● 3			24.9	46.0	48.0	88.0	86.5	1.5	10	1
MMS0830L-DIN	□ 5	41.5		60.0	62.0	102.0	100.5	1.5	10	2	
MMS0830L-DIN-C	● 5	41.5		60.0	62.0	102.0	100.5	1.5	10	1	
MMS0830X3DB	★ 3	8.3	24.9	44.0	46.0	97.5	96.0	1.5	10	1	
MMS0830X5DB	★ 5		41.5	61.0	63.0	114.5	113.0	1.5	10	1	
MMS0840S-DIN	□ 3		8.4	25.2	46.0	48.0	88.0	86.5	1.5	10	2
MMS0840S-DIN-C	□ 3			25.2	46.0	48.0	88.0	86.5	1.5	10	1
MMS0840L-DIN	□ 5	42.0		60.0	62.0	102.0	100.5	1.5	10	2	
MMS0840L-DIN-C	□ 5	42.0		60.0	62.0	102.0	100.5	1.5	10	1	
MMS0840X3DB	★ 3	8.4	25.2	44.0	46.0	97.5	96.0	1.5	10	1	
MMS0840X5DB	★ 5		42.0	61.0	63.0	114.5	113.0	1.5	10	1	
MMS0850S-DIN-C	● 3		8.5	25.5	46.0	48.0	88.0	86.5	1.5	10	1
MMS0850L-DIN-C	● 5			42.5	60.0	62.0	102.0	100.5	1.5	10	1
MMS0850X3DB	★ 3	25.5		44.0	46.0	97.5	96.0	1.5	10	1	
MMS0850X5DB	★ 5	42.5		61.0	63.0	114.5	113.0	1.5	10	1	
MMS0860S-DIN	□ 3	8.6	25.8	46.0	48.0	88.0	86.4	1.6	10	2	
MMS0860S-DIN-C	● 3		25.8	46.0	48.0	88.0	86.4	1.6	10	1	
MMS0860L-DIN	□ 5		43.0	60.0	62.0	102.0	100.4	1.6	10	2	
MMS0860L-DIN-C	● 5		43.0	60.0	62.0	102.0	100.4	1.6	10	1	
MMS0860X3DB	★ 3	8.6	25.8	47.0	49.0	102.6	101.0	1.6	10	1	
MMS0860X5DB	★ 5		43.0	65.0	67.0	117.6	116.0	1.6	10	1	
MMS0870S-DIN	□ 3		8.7	26.1	46.0	48.0	88.0	86.4	1.6	10	2
MMS0870S-DIN-C	● 3			26.1	46.0	48.0	88.0	86.4	1.6	10	1
MMS0870L-DIN	□ 5	43.5		60.0	62.0	102.0	100.4	1.6	10	2	
MMS0870L-DIN-C	● 5	43.5		60.0	62.0	102.0	100.4	1.6	10	1	
MMS0870X3DB	★ 3	8.7	26.1	47.0	49.0	102.6	101.0	1.6	10	1	
MMS0870X5DB	★ 5		43.5	65.0	67.0	117.6	116.0	1.6	10	1	
MMS0880S-DIN	□ 3		8.8	26.4	46.0	48.0	88.0	86.4	1.6	10	2
MMS0880S-DIN-C	● 3			26.4	46.0	48.0	88.0	86.4	1.6	10	1
MMS0880L-DIN	□ 5	44.0		60.0	62.0	102.0	100.4	1.6	10	2	
MMS0880L-DIN-C	● 5	44.0		60.0	62.0	102.0	100.4	1.6	10	1	
MMS0880X3DB	★ 3	8.8	26.4	47.0	49.0	102.6	101.0	1.6	10	1	
MMS0880X5DB	★ 5		44.0	65.0	67.0	117.6	116.0	1.6	10	1	

MMS

Referencia	DP7020 Profundidad agujero	DC	Dimensiones (mm)							Tipo
			LU	LCF	LH	OAL	LF	PL	DCON	
MMS0890S-DIN	□ 3	8.9	26.7	46.0	48.0	88.0	86.4	1.6	10	2
MMS0890S-DIN-C	□ 3		26.7	46.0	48.0	88.0	86.4	1.6	10	1
MMS0890L-DIN	□ 5		44.5	60.0	62.0	102.0	100.4	1.6	10	2
MMS0890L-DIN-C	□ 5		44.5	60.0	62.0	102.0	100.4	1.6	10	1
MMS0890X3DB	★ 3		26.7	47.0	49.0	102.6	101.0	1.6	10	1
MMS0890X5DB	★ 5		44.5	65.0	67.0	117.6	116.0	1.6	10	1
MMS0900S-DIN	□ 3	9.0	27.0	46.0	48.0	88.0	86.4	1.6	10	2
MMS0900S-DIN-C	● 3		27.0	46.0	48.0	88.0	86.4	1.6	10	1
MMS0900L-DIN	□ 5		45.0	60.0	62.0	102.0	100.4	1.6	10	2
MMS0900L-DIN-C	● 5		45.0	60.0	62.0	102.0	100.4	1.6	10	1
MMS0900X3DB	★ 3		27.0	47.0	49.0	102.6	101.0	1.6	10	1
MMS0900X5DB	★ 5		45.0	65.0	67.0	117.6	116.0	1.6	10	1
MMS0910S-DIN	□ 3	9.1	27.3	47.0	49.0	89.0	87.3	1.7	10	2
MMS0910S-DIN-C	□ 3		27.3	47.0	49.0	89.0	87.3	1.7	10	1
MMS0910L-DIN	□ 5		45.5	62.0	63.0	103.0	101.3	1.7	10	2
MMS0910L-DIN-C	□ 5		45.5	62.0	63.0	103.0	101.3	1.7	10	1
MMS0910X3DB	★ 3		27.3	50.0	52.0	102.7	101.0	1.7	10	1
MMS0910X5DB	★ 5		45.5	69.0	72.0	122.7	121.0	1.7	10	1
MMS0920S-DIN	□ 3	9.2	27.6	47.0	49.0	89.0	87.3	1.7	10	2
MMS0920S-DIN-C	□ 3		27.6	47.0	49.0	89.0	87.3	1.7	10	1
MMS0920L-DIN	□ 5		46.0	62.0	63.0	103.0	101.3	1.7	10	2
MMS0920L-DIN-C	□ 5		46.0	62.0	63.0	103.0	101.3	1.7	10	1
MMS0920X3DB	★ 3		27.6	50.0	52.0	102.7	101.0	1.7	10	1
MMS0920X5DB	★ 5		46.0	69.0	72.0	122.7	121.0	1.7	10	1
MMS0930S-DIN	□ 3	9.3	27.9	47.0	49.0	89.0	87.3	1.7	10	2
MMS0930S-DIN-C	● 3		27.9	47.0	49.0	89.0	87.3	1.7	10	1
MMS0930L-DIN	□ 5		46.5	62.0	63.0	103.0	101.3	1.7	10	2
MMS0930L-DIN-C	● 5		46.5	62.0	63.0	103.0	101.3	1.7	10	1
MMS0930X3DB	★ 3		27.9	50.0	52.0	102.7	101.0	1.7	10	1
MMS0930X5DB	★ 5		46.5	69.0	72.0	122.7	121.0	1.7	10	1
MMS0940S-DIN	□ 3	9.4	28.2	47.0	49.0	89.0	87.3	1.7	10	2
MMS0940S-DIN-C	□ 3		28.2	47.0	49.0	89.0	87.3	1.7	10	1
MMS0940L-DIN	□ 5		47.0	62.0	63.0	103.0	101.3	1.7	10	2
MMS0940L-DIN-C	□ 5		47.0	62.0	63.0	103.0	101.3	1.7	10	1
MMS0940X3DB	★ 3		28.2	50.0	52.0	102.7	101.0	1.7	10	1
MMS0940X5DB	★ 5		47.0	69.0	72.0	122.7	121.0	1.7	10	1
MMS0950S-DIN	□ 3	9.5	28.5	47.0	49.0	89.0	87.3	1.7	10	2
MMS0950S-DIN-C	● 3		28.5	47.0	49.0	89.0	87.3	1.7	10	1
MMS0950L-DIN	□ 5		47.5	62.0	63.0	103.0	101.3	1.7	10	2
MMS0950L-DIN-C	● 5		47.5	62.0	63.0	103.0	101.3	1.7	10	1
MMS0950X3DB	★ 3		28.5	50.0	52.0	102.7	101.0	1.7	10	1
MMS0950X5DB	★ 5		47.5	69.0	72.0	122.7	121.0	1.7	10	1
MMS0960S-DIN	□ 3	9.6	28.8	47.0	49.0	89.0	87.3	1.7	10	2
MMS0960S-DIN-C	□ 3		28.8	47.0	49.0	89.0	87.3	1.7	10	1
MMS0960L-DIN	□ 5		48.0	62.0	63.0	103.0	101.3	1.7	10	2
MMS0960L-DIN-C	□ 5		48.0	62.0	63.0	103.0	101.3	1.7	10	1
MMS0960X3DB	★ 3		28.8	52.0	52.0	102.7	101.0	1.7	10	1
MMS0960X5DB	★ 5		48.0	72.0	72.0	122.7	121.0	1.7	10	1

MMS

Referencia	DP7020	Profundidad agujero	DC	Dimensiones (mm)						Tipo	
				LU	LCF	LH	OAL	LF	PL		DCON
MMS0970S-DIN	□	3	9.7	29.1	47.0	49.0	89.0	87.2	1.8	10	2
MMS0970S-DIN-C	□	3		29.1	47.0	49.0	89.0	87.2	1.8	10	1
MMS0970L-DIN	□	5		48.5	62.0	63.0	103.0	101.2	1.8	10	2
MMS0970L-DIN-C	□	5		48.5	62.0	63.0	103.0	101.2	1.8	10	1
MMS0970X3DB	★	3		29.1	52.0	52.0	102.8	101.0	1.8	10	1
MMS0970X5DB	★	5		48.5	72.0	72.0	122.8	121.0	1.8	10	1
MMS0980S-DIN	□	3	9.8	29.4	47.0	49.0	89.0	87.2	1.8	10	2
MMS0980S-DIN-C	●	3		29.4	47.0	49.0	89.0	87.2	1.8	10	1
MMS0980L-DIN	□	5		49.0	62.0	63.0	103.0	101.2	1.8	10	2
MMS0980L-DIN-C	●	5		49.0	62.0	63.0	103.0	101.2	1.8	10	1
MMS0980X3DB	★	3		29.4	52.0	52.0	102.8	101.0	1.8	10	1
MMS0980X5DB	★	5		49.0	72.0	72.0	122.8	121.0	1.8	10	1
MMS0990S-DIN	□	3	9.9	29.7	47.0	49.0	89.0	87.2	1.8	10	2
MMS0990S-DIN-C	□	3		29.7	47.0	49.0	89.0	87.2	1.8	10	1
MMS0990L-DIN	□	5		49.5	62.0	63.0	103.0	101.2	1.8	10	2
MMS0990L-DIN-C	□	5		49.5	62.0	63.0	103.0	101.2	1.8	10	1
MMS0990X3DB	★	3		29.7	52.0	52.0	102.8	101.0	1.8	10	1
MMS0990X5DB	★	5		49.5	72.0	72.0	122.8	121.0	1.8	10	1
MMS1000S-DIN-C	●	3	10.0	30.0	47.0	49.0	89.0	87.2	1.8	10	1
MMS1000L-DIN-C	●	5		50.0	62.0	63.0	103.0	101.2	1.8	10	1
MMS1000X3DB	★	3		30.0	52.0	52.0	102.8	101.0	1.8	10	1
MMS1000X5DB	★	5		50.0	72.0	72.0	122.8	121.0	1.8	10	1
MMS1005S-DIN	□	3	10.05	30.2	55.0	57.0	102.0	100.2	1.8	12	2
MMS1005S-DIN-C	●	3		30.2	55.0	57.0	102.0	100.2	1.8	12	1
MMS1005L-DIN	□	5		50.3	71.0	73.0	118.0	116.2	1.8	12	2
MMS1005L-DIN-C	●	5		50.3	71.0	73.0	118.0	116.2	1.8	12	1
MMS1010S-DIN	□	3	10.1	30.3	55.0	57.0	102.0	100.2	1.8	12	2
MMS1010S-DIN-C	□	3		30.3	55.0	57.0	102.0	100.2	1.8	12	1
MMS1010L-DIN	□	5		50.5	71.0	73.0	118.0	116.2	1.8	12	2
MMS1010L-DIN-C	□	5		50.5	71.0	73.0	118.0	116.2	1.8	12	1
MMS1010X3DB	★	3		30.3	55.0	57.0	112.8	111.0	1.8	12	1
MMS1010X5DB	★	5		50.5	76.0	80.0	135.8	134.0	1.8	12	1
MMS1020S-DIN	□	3	10.2	30.6	55.0	57.0	102.0	100.1	1.9	12	2
MMS1020S-DIN-C	●	3		30.6	55.0	57.0	102.0	100.1	1.9	12	1
MMS1020L-DIN	□	5		51.0	71.0	73.0	118.0	116.1	1.9	12	2
MMS1020L-DIN-C	●	5		51.0	71.0	73.0	118.0	116.1	1.9	12	1
MMS1020X3DB	★	3		30.6	55.0	57.0	112.9	111.0	1.9	12	1
MMS1020X5DB	★	5		51.0	76.0	80.0	135.9	134.0	1.9	12	1
MMS1030S-DIN	□	3	10.3	30.9	55.0	57.0	102.0	100.1	1.9	12	2
MMS1030S-DIN-C	●	3		30.9	55.0	57.0	102.0	100.1	1.9	12	1
MMS1030L-DIN	□	5		51.5	71.0	73.0	118.0	116.1	1.9	12	2
MMS1030L-DIN-C	●	5		51.5	71.0	73.0	118.0	116.1	1.9	12	1
MMS1030X3DB	★	3		30.9	55.0	57.0	112.9	111.0	1.9	12	1
MMS1030X5DB	★	5		51.5	76.0	80.0	135.9	134.0	1.9	12	1
MMS1040S-DIN	□	3	10.4	31.2	55.0	57.0	102.0	100.1	1.9	12	2
MMS1040S-DIN-C	●	3		31.2	55.0	57.0	102.0	100.1	1.9	12	1
MMS1040L-DIN	□	5		52.0	71.0	73.0	118.0	116.1	1.9	12	2
MMS1040L-DIN-C	●	5		52.0	71.0	73.0	118.0	116.1	1.9	12	1
MMS1040X3DB	★	3		31.2	55.0	57.0	112.9	111.0	1.9	12	1
MMS1040X5DB	★	5		52.0	76.0	80.0	135.9	134.0	1.9	12	1

MMS

Referencia	DP7020 Profundidad agujero	DC	Dimensiones (mm)							Tipo
			LU	LCF	LH	OAL	LF	PL	DCON	
MMS1050S-DIN	□ 3	10.5	31.5	55.0	57.0	102.0	100.1	1.9	12	2
MMS1050S-DIN-C	● 3		31.5	55.0	57.0	102.0	100.1	1.9	12	1
MMS1050L-DIN	□ 5		52.5	71.0	73.0	118.0	116.1	1.9	12	2
MMS1050L-DIN-C	● 5		52.5	71.0	73.0	118.0	116.1	1.9	12	1
MMS1050X3DB	★ 3		31.5	55.0	57.0	112.9	111.0	1.9	12	1
MMS1050X5DB	★ 5		52.5	76.0	80.0	135.9	134.0	1.9	12	1
MMS1060S-DIN	□ 3	10.6	31.8	55.0	57.0	102.0	100.1	1.9	12	2
MMS1060S-DIN-C	□ 3		31.8	55.0	57.0	102.0	100.1	1.9	12	1
MMS1060L-DIN	□ 5		53.0	71.0	73.0	118.0	116.1	1.9	12	2
MMS1060L-DIN-C	□ 5		53.0	71.0	73.0	118.0	116.1	1.9	12	1
MMS1060X3DB	★ 3		31.8	57.0	58.0	117.9	116.0	1.9	12	1
MMS1060X5DB	★ 5		53.0	79.0	80.0	135.9	134.0	1.9	12	1
MMS1070S-DIN	□ 3	10.7	32.1	55.0	57.0	102.0	100.1	1.9	12	2
MMS1070S-DIN-C	● 3		32.1	55.0	57.0	102.0	100.1	1.9	12	1
MMS1070L-DIN	□ 5		53.5	71.0	73.0	118.0	116.1	1.9	12	2
MMS1070L-DIN-C	● 5		53.5	71.0	73.0	118.0	116.1	1.9	12	1
MMS1070X3DB	★ 3		32.1	57.0	58.0	117.9	116.0	1.9	12	1
MMS1070X5DB	★ 5		53.5	79.0	80.0	135.9	134.0	1.9	12	1
MMS1080S-DIN	□ 3	10.8	32.4	55.0	57.0	102.0	100.0	2.0	12	2
MMS1080S-DIN-C	● 3		32.4	55.0	57.0	102.0	100.0	2.0	12	1
MMS1080L-DIN	□ 5		54.0	71.0	73.0	118.0	116.0	2.0	12	2
MMS1080L-DIN-C	● 5		54.0	71.0	73.0	118.0	116.0	2.0	12	1
MMS1080X3DB	★ 3		32.4	57.0	58.0	118.0	116.0	2.0	12	1
MMS1080X5DB	★ 5		54.0	79.0	80.0	136.0	134.0	2.0	12	1
MMS1090S-DIN	□ 3	10.9	32.7	55.0	57.0	102.0	100.0	2.0	12	2
MMS1090S-DIN-C	□ 3		32.7	55.0	57.0	102.0	100.0	2.0	12	1
MMS1090L-DIN	□ 5		54.5	71.0	73.0	118.0	116.0	2.0	12	2
MMS1090L-DIN-C	□ 5		54.5	71.0	73.0	118.0	116.0	2.0	12	1
MMS1090X3DB	★ 3		32.7	57.0	58.0	118.0	116.0	2.0	12	1
MMS1090X5DB	★ 5		54.5	79.0	80.0	136.0	134.0	2.0	12	1
MMS1100S-DIN	□ 3	11.0	33.0	55.0	57.0	102.0	100.0	2.0	12	2
MMS1100S-DIN-C	● 3		33.0	55.0	57.0	102.0	100.0	2.0	12	1
MMS1100L-DIN	□ 5		55.0	71.0	73.0	118.0	116.0	2.0	12	2
MMS1100L-DIN-C	● 5		55.0	71.0	73.0	118.0	116.0	2.0	12	1
MMS1100X3DB	★ 3		33.0	57.0	58.0	118.0	116.0	2.0	12	1
MMS1100X5DB	★ 5		55.0	79.0	80.0	136.0	134.0	2.0	12	1
MMS1110S-DIN	□ 3	11.1	33.3	55.0	57.0	102.0	100.0	2.0	12	2
MMS1110S-DIN-C	□ 3		33.3	55.0	57.0	102.0	100.0	2.0	12	1
MMS1110L-DIN	□ 5		55.5	71.0	73.0	118.0	116.0	2.0	12	2
MMS1110L-DIN-C	□ 5		55.5	71.0	73.0	118.0	116.0	2.0	12	1
MMS1110X3DB	★ 3		33.3	60.0	62.0	118.0	116.0	2.0	12	1
MMS1110X5DB	★ 5		55.5	83.0	86.0	142.0	140.0	2.0	12	1
MMS1120S-DIN	□ 3	11.2	33.6	55.0	57.0	102.0	100.0	2.0	12	2
MMS1120S-DIN-C	● 3		33.6	55.0	57.0	102.0	100.0	2.0	12	1
MMS1120L-DIN	□ 5		56.0	71.0	73.0	118.0	116.0	2.0	12	2
MMS1120L-DIN-C	● 5		56.0	71.0	73.0	118.0	116.0	2.0	12	1
MMS1120X3DB	★ 3		33.6	60.0	62.0	118.0	116.0	2.0	12	1
MMS1120X5DB	★ 5		56.0	83.0	86.0	142.0	140.0	2.0	12	1

MMS

Referencia	DP7020	Profundidad agujero	DC	Dimensiones (mm)							Tipo
				LU	LCF	LH	OAL	LF	PL	DCON	
MMS1130S-DIN	□	3	11.3	33.9	55.0	57.0	102.0	99.9	2.1	12	2
MMS1130S-DIN-C	□	3		33.9	55.0	57.0	102.0	99.9	2.1	12	1
MMS1130L-DIN	□	5		56.5	71.0	73.0	118.0	115.9	2.1	12	2
MMS1130L-DIN-C	□	5		56.5	71.0	73.0	118.0	115.9	2.1	12	1
MMS1130X3DB	★	3		33.9	60.0	62.0	118.1	116.0	2.1	12	1
MMS1130X5DB	★	5		56.5	83.0	86.0	142.1	140.0	2.1	12	1
MMS1140S-DIN	□	3	11.4	34.2	55.0	57.0	102.0	99.9	2.1	12	2
MMS1140S-DIN-C	●	3		34.2	55.0	57.0	102.0	99.9	2.1	12	1
MMS1140L-DIN	□	5		57.0	71.0	73.0	118.0	115.9	2.1	12	2
MMS1140L-DIN-C	●	5		57.0	71.0	73.0	118.0	115.9	2.1	12	1
MMS1140X3DB	★	3		34.2	60.0	62.0	118.1	116.0	2.1	12	1
MMS1140X5DB	★	5		57.0	83.0	86.0	142.1	140.0	2.1	12	1
MMS1150S-DIN	□	3	11.5	34.5	55.0	57.0	102.0	99.9	2.1	12	2
MMS1150S-DIN-C	●	3		34.5	55.0	57.0	102.0	99.9	2.1	12	1
MMS1150L-DIN	□	5		57.5	71.0	73.0	118.0	115.9	2.1	12	2
MMS1150L-DIN-C	●	5		57.5	71.0	73.0	118.0	115.9	2.1	12	1
MMS1150X3DB	★	3		34.5	60.0	62.0	118.1	116.0	2.1	12	1
MMS1150X5DB	★	5		57.5	83.0	86.0	142.1	140.0	2.1	12	1
MMS1160S-DIN	□	3	11.6	34.8	55.0	57.0	102.0	99.9	2.1	12	2
MMS1160S-DIN-C	□	3		34.8	55.0	57.0	102.0	99.9	2.1	12	1
MMS1160L-DIN	□	5		58.0	71.0	73.0	118.0	115.9	2.1	12	2
MMS1160L-DIN-C	□	5		58.0	71.0	73.0	118.0	115.9	2.1	12	1
MMS1160X3DB	★	3		34.8	62.0	62.0	118.1	116.0	2.1	12	1
MMS1160X5DB	★	5		58.0	86.0	86.0	142.1	140.0	2.1	12	1
MMS1170S-DIN	□	3	11.7	35.1	55.0	57.0	102.0	99.9	2.1	12	2
MMS1170S-DIN-C	●	3		35.1	55.0	57.0	102.0	99.9	2.1	12	1
MMS1170L-DIN	□	5		58.5	71.0	73.0	118.0	115.9	2.1	12	2
MMS1170L-DIN-C	●	5		58.5	71.0	73.0	118.0	115.9	2.1	12	1
MMS1170X3DB	★	3		35.1	62.0	62.0	118.1	116.0	2.1	12	1
MMS1170X5DB	★	5		58.5	86.0	86.0	142.1	140.0	2.1	12	1
MMS1180S-DIN	□	3	11.8	35.4	55.0	57.0	102.0	99.9	2.1	12	2
MMS1180S-DIN-C	●	3		35.4	55.0	57.0	102.0	99.9	2.1	12	1
MMS1180L-DIN	□	5		59.0	71.0	73.0	118.0	115.9	2.1	12	2
MMS1180L-DIN-C	●	5		59.0	71.0	73.0	118.0	115.9	2.1	12	1
MMS1180X3DB	★	3		35.4	62.0	62.0	118.1	116.0	2.1	12	1
MMS1180X5DB	★	5		59.0	86.0	86.0	142.1	140.0	2.1	12	1
MMS1190S-DIN	□	3	11.9	35.7	55.0	57.0	102.0	99.8	2.2	12	2
MMS1190S-DIN-C	□	3		35.7	55.0	57.0	102.0	99.8	2.2	12	1
MMS1190L-DIN	□	5		59.5	71.0	73.0	118.0	115.8	2.2	12	2
MMS1190L-DIN-C	□	5		59.5	71.0	73.0	118.0	115.8	2.2	12	1
MMS1190X3DB	★	3		35.7	62.0	62.0	118.2	116.0	2.2	12	1
MMS1190X5DB	★	5		59.5	86.0	86.0	142.2	140.0	2.2	12	1
MMS1200S-DIN-C	●	3	12.0	36.0	55.0	57.0	102.0	99.8	2.2	12	1
MMS1200L-DIN-C	●	5		60.0	71.0	73.0	118.0	115.8	2.2	12	1
MMS1200X3DB	★	3		36.0	62.0	62.0	118.2	116.0	2.2	12	1
MMS1200X5DB	★	5		60.0	86.0	86.0	142.2	140.0	2.2	12	1
MMS1205S-DIN	□	3	12.05	36.2	60.0	62.0	107.0	104.8	2.2	14	2
MMS1205S-DIN-C	●	3		36.2	60.0	62.0	107.0	104.8	2.2	14	1
MMS1205L-DIN	□	5		60.3	77.0	79.0	124.0	121.8	2.2	14	2
MMS1205L-DIN-C	●	5		60.3	77.0	79.0	124.0	121.8	2.2	14	1

MMS

Referencia	DP7020 Profundidad agujero	DC	Dimensiones (mm)							Tipo
			LU	LCF	LH	OAL	LF	PL	DCON	
MMS1210S-DIN	□ 3	12.1	36.3	60.0	62.0	107.0	104.8	2.2	14	2
MMS1210S-DIN-C	□ 3		36.3	60.0	62.0	107.0	104.8	2.2	14	1
MMS1210L-DIN	□ 5		60.5	77.0	79.0	124.0	121.8	2.2	14	2
MMS1210L-DIN-C	□ 5		60.5	77.0	79.0	124.0	121.8	2.2	14	1
MMS1210X3DB	★ 3		36.3	65.0	68.0	124.2	122.0	2.2	14	1
MMS1210X5DB	★ 5		60.5	90.0	94.0	150.2	148.0	2.2	14	1
MMS1220S-DIN	□ 3	12.2	36.6	60.0	62.0	107.0	104.8	2.2	14	2
MMS1220S-DIN-C	□ 3		36.6	60.0	62.0	107.0	104.8	2.2	14	1
MMS1220L-DIN	□ 5		61.0	77.0	79.0	124.0	121.8	2.2	14	2
MMS1220L-DIN-C	□ 5		61.0	77.0	79.0	124.0	121.8	2.2	14	1
MMS1220X3DB	★ 3		36.6	65.0	68.0	124.2	122.0	2.2	14	1
MMS1220X5DB	★ 5		61.0	90.0	94.0	150.2	148.0	2.2	14	1
MMS1230S-DIN	□ 3	12.3	36.9	60.0	62.0	107.0	104.8	2.2	14	2
MMS1230S-DIN-C	□ 3		36.9	60.0	62.0	107.0	104.8	2.2	14	1
MMS1230L-DIN	□ 5		61.5	77.0	79.0	124.0	121.8	2.2	14	2
MMS1230L-DIN-C	□ 5		61.5	77.0	79.0	124.0	121.8	2.2	14	1
MMS1230X3DB	★ 3		36.9	65.0	68.0	124.2	122.0	2.2	14	1
MMS1230X5DB	★ 5		61.5	90.0	94.0	150.2	148.0	2.2	14	1
MMS1240S-DIN	□ 3	12.4	37.2	60.0	62.0	107.0	104.7	2.3	14	2
MMS1240S-DIN-C	□ 3		37.2	60.0	62.0	107.0	104.7	2.3	14	1
MMS1240L-DIN	□ 5		62.0	77.0	79.0	124.0	121.7	2.3	14	2
MMS1240L-DIN-C	□ 5		62.0	77.0	79.0	124.0	121.7	2.3	14	1
MMS1240X3DB	★ 3		37.2	65.0	68.0	124.3	122.0	2.3	14	1
MMS1240X5DB	★ 5		62.0	90.0	94.0	150.3	148.0	2.3	14	1
MMS1250S-DIN	□ 3	12.5	37.5	60.0	62.0	107.0	104.7	2.3	14	2
MMS1250S-DIN-C	● 3		37.5	60.0	62.0	107.0	104.7	2.3	14	1
MMS1250L-DIN	□ 5		62.5	77.0	79.0	124.0	121.7	2.3	14	2
MMS1250L-DIN-C	● 5		62.5	77.0	79.0	124.0	121.7	2.3	14	1
MMS1250X3DB	★ 3		37.5	65.0	68.0	124.3	122.0	2.3	14	1
MMS1250X5DB	★ 5		62.5	90.0	94.0	150.3	148.0	2.3	14	1
MMS1260S-DIN	□ 3	12.6	37.8	60.0	62.0	107.0	104.7	2.3	14	2
MMS1260S-DIN-C	● 3		37.8	60.0	62.0	107.0	104.7	2.3	14	1
MMS1260L-DIN	□ 5		63.0	77.0	79.0	124.0	121.7	2.3	14	2
MMS1260L-DIN-C	● 5		63.0	77.0	79.0	124.0	121.7	2.3	14	1
MMS1260X3DB	★ 3		37.8	67.0	68.0	124.3	122.0	2.3	14	1
MMS1260X5DB	★ 5		63.0	93.0	94.0	150.3	148.0	2.3	14	1
MMS1270S-DIN	□ 3	12.7	38.1	60.0	62.0	107.0	104.7	2.3	14	2
MMS1270S-DIN-C	● 3		38.1	60.0	62.0	107.0	104.7	2.3	14	1
MMS1270L-DIN	□ 5		63.5	77.0	79.0	124.0	121.7	2.3	14	2
MMS1270L-DIN-C	● 5		63.5	77.0	79.0	124.0	121.7	2.3	14	1
MMS1270X3DB	★ 3		38.1	67.0	68.0	124.3	122.0	2.3	14	1
MMS1270X5DB	★ 5		63.5	93.0	94.0	150.3	148.0	2.3	14	1
MMS1280S-DIN	□ 3	12.8	38.4	60.0	62.0	107.0	104.7	2.3	14	2
MMS1280S-DIN-C	□ 3		38.4	60.0	62.0	107.0	104.7	2.3	14	1
MMS1280L-DIN	□ 5		64.0	77.0	79.0	124.0	121.7	2.3	14	2
MMS1280L-DIN-C	□ 5		64.0	77.0	79.0	124.0	121.7	2.3	14	1
MMS1280X3DB	★ 3		38.4	67.0	68.0	124.3	122.0	2.3	14	1
MMS1280X5DB	★ 5		64.0	93.0	94.0	150.3	148.0	2.3	14	1

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Referencia	DP7020 Profundidad agujero	DC	Dimensiones (mm)							Tipo
			LU	LCF	LH	OAL	LF	PL	DCON	
MMS1290S-DIN	□	3	38.7	60.0	62.0	107.0	104.7	2.3	14	2
MMS1290S-DIN-C	□	3	38.7	60.0	62.0	107.0	104.7	2.3	14	1
MMS1290L-DIN	□	5	64.5	77.0	79.0	124.0	121.7	2.3	14	2
MMS1290L-DIN-C	□	5	64.5	77.0	79.0	124.0	121.7	2.3	14	1
MMS1290X3DB	★	3	38.7	67.0	68.0	124.3	122.0	2.3	14	1
MMS1290X5DB	★	5	64.5	93.0	94.0	150.3	148.0	2.3	14	1
MMS1300S-DIN	□	3	39.0	60.0	62.0	107.0	104.6	2.4	14	2
MMS1300S-DIN-C	●	3	39.0	60.0	62.0	107.0	104.6	2.4	14	1
MMS1300L-DIN	□	5	65.0	77.0	79.0	124.0	121.6	2.4	14	2
MMS1300L-DIN-C	●	5	65.0	77.0	79.0	124.0	121.6	2.4	14	1
MMS1300X3DB	★	3	39.0	67.0	68.0	124.4	122.0	2.4	14	1
MMS1300X5DB	★	5	65.0	93.0	94.0	150.4	148.0	2.4	14	1
MMS1310S-DIN	□	3	39.3	60.0	62.0	107.0	104.6	2.4	14	2
MMS1310S-DIN-C	□	3	39.3	60.0	62.0	107.0	104.6	2.4	14	1
MMS1310L-DIN	□	5	65.5	77.0	79.0	124.0	121.6	2.4	14	2
MMS1310L-DIN-C	□	5	65.5	77.0	79.0	124.0	121.6	2.4	14	1
MMS1310X3DB	★	3	39.3	70.0	72.0	128.4	126.0	2.4	14	1
MMS1310X5DB	★	5	65.5	97.0	100.0	156.4	154.0	2.4	14	1
MMS1320S-DIN	□	3	39.6	60.0	62.0	107.0	104.6	2.4	14	2
MMS1320S-DIN-C	□	3	39.6	60.0	62.0	107.0	104.6	2.4	14	1
MMS1320L-DIN	□	5	66.0	77.0	79.0	124.0	121.6	2.4	14	2
MMS1320L-DIN-C	□	5	66.0	77.0	79.0	124.0	121.6	2.4	14	1
MMS1320X3DB	★	3	39.6	70.0	72.0	128.4	126.0	2.4	14	1
MMS1320X5DB	★	5	66.0	97.0	100.0	156.4	154.0	2.4	14	1
MMS1330S-DIN	□	3	39.9	60.0	62.0	107.0	104.6	2.4	14	2
MMS1330S-DIN-C	□	3	39.9	60.0	62.0	107.0	104.6	2.4	14	1
MMS1330L-DIN	□	5	66.5	77.0	79.0	124.0	121.6	2.4	14	2
MMS1330L-DIN-C	□	5	66.5	77.0	79.0	124.0	121.6	2.4	14	1
MMS1330X3DB	★	3	39.9	70.0	72.0	128.4	126.0	2.4	14	1
MMS1330X5DB	★	5	66.5	97.0	100.0	156.4	154.0	2.4	14	1
MMS1340S-DIN	□	3	40.2	60.0	62.0	107.0	104.6	2.4	14	2
MMS1340S-DIN-C	□	3	40.2	60.0	62.0	107.0	104.6	2.4	14	1
MMS1340L-DIN	□	5	67.0	77.0	79.0	124.0	121.6	2.4	14	2
MMS1340L-DIN-C	□	5	67.0	77.0	79.0	124.0	121.6	2.4	14	1
MMS1340X3DB	★	3	40.2	70.0	72.0	128.4	126.0	2.4	14	1
MMS1340X5DB	★	5	67.0	97.0	100.0	156.4	154.0	2.4	14	1
MMS1350S-DIN	□	3	40.5	60.0	62.0	107.0	104.5	2.5	14	2
MMS1350S-DIN-C	●	3	40.5	60.0	62.0	107.0	104.5	2.5	14	1
MMS1350L-DIN	□	5	67.5	77.0	79.0	124.0	121.5	2.5	14	2
MMS1350L-DIN-C	●	5	67.5	77.0	79.0	124.0	121.5	2.5	14	1
MMS1350X3DB	★	3	40.5	70.0	72.0	128.5	126.0	2.5	14	1
MMS1350X5DB	★	5	67.5	97.0	100.0	156.5	154.0	2.5	14	1
MMS1360S-DIN	□	3	40.8	60.0	62.0	107.0	104.5	2.5	14	2
MMS1360S-DIN-C	□	3	40.8	60.0	62.0	107.0	104.5	2.5	14	1
MMS1360L-DIN	□	5	68.0	77.0	79.0	124.0	121.5	2.5	14	2
MMS1360L-DIN-C	□	5	68.0	77.0	79.0	124.0	121.5	2.5	14	1
MMS1360X3DB	★	3	40.8	72.0	72.0	128.5	126.0	2.5	14	1
MMS1360X5DB	★	5	68.0	100.0	100.0	156.5	154.0	2.5	14	1

MMS

Referencia	DP7020	Profundidad agujero	DC	Dimensiones (mm)						Tipo	
				LU	LCF	LH	OAL	LF	PL		DCON
MMS1370S-DIN	□	3	13.7	41.1	60.0	62.0	107.0	104.5	2.5	14	2
MMS1370S-DIN-C	●	3		41.1	60.0	62.0	107.0	104.5	2.5	14	1
MMS1370L-DIN	□	5		68.5	77.0	79.0	124.0	121.5	2.5	14	2
MMS1370L-DIN-C	●	5		68.5	77.0	79.0	124.0	121.5	2.5	14	1
MMS1370X3DB	★	3		41.1	72.0	72.0	128.5	126.0	2.5	14	1
MMS1370X5DB	★	5		68.5	100.0	100.0	156.5	154.0	2.5	14	1
MMS1380S-DIN	□	3	13.8	41.4	60.0	62.0	107.0	104.5	2.5	14	2
MMS1380S-DIN-C	□	3		41.4	60.0	62.0	107.0	104.5	2.5	14	1
MMS1380L-DIN	□	5		69.0	77.0	79.0	124.0	121.5	2.5	14	2
MMS1380L-DIN-C	□	5		69.0	77.0	79.0	124.0	121.5	2.5	14	1
MMS1380X3DB	★	3		41.4	72.0	72.0	128.5	126.0	2.5	14	1
MMS1380X5DB	★	5		69.0	100.0	100.0	156.5	154.0	2.5	14	1
MMS1390S-DIN	□	3	13.9	41.7	60.0	62.0	107.0	104.5	2.5	14	2
MMS1390S-DIN-C	□	3		41.7	60.0	62.0	107.0	104.5	2.5	14	1
MMS1390L-DIN	□	5		69.5	77.0	79.0	124.0	121.5	2.5	14	2
MMS1390L-DIN-C	□	5		69.5	77.0	79.0	124.0	121.5	2.5	14	1
MMS1390X3DB	★	3		41.7	72.0	72.0	128.5	126.0	2.5	14	1
MMS1390X5DB	★	5		69.5	100.0	100.0	156.5	154.0	2.5	14	1
MMS1400S-DIN-C	●	3	14.0	42.0	60.0	62.0	107.0	104.5	2.5	14	1
MMS1400L-DIN-C	●	5		70.0	77.0	79.0	124.0	121.5	2.5	14	1
MMS1400X3DB	★	3		42.0	72.0	72.0	128.5	126.0	2.5	14	1
MMS1400X5DB	★	5		70.0	100.0	100.0	156.5	154.0	2.5	14	1
MMS1405S-DIN-C	□	3	14.05	42.2	64.0	66.0	114.0	111.4	2.6	16	1
MMS1405L-DIN-C	□	5		70.3	82.0	84.0	132.0	129.4	2.6	16	1
MMS1410S-DIN	□	3	14.1	42.3	64.0	66.0	114.0	111.4	2.6	16	2
MMS1410S-DIN-C	□	3		42.3	64.0	66.0	114.0	111.4	2.6	16	1
MMS1410L-DIN	□	5		70.5	82.0	84.0	132.0	129.4	2.6	16	2
MMS1410L-DIN-C	□	5		70.5	82.0	84.0	132.0	129.4	2.6	16	1
MMS1410X3DB	★	3		42.3	76.0	79.0	137.6	135.0	2.6	16	1
MMS1410X5DB	★	5		70.5	105.0	109.0	167.6	165.0	2.6	16	1
MMS1420S-DIN	□	3	14.2	42.6	64.0	66.0	114.0	111.4	2.6	16	2
MMS1420S-DIN-C	□	3		42.6	64.0	66.0	114.0	111.4	2.6	16	1
MMS1420L-DIN	□	5		71.0	82.0	84.0	132.0	129.4	2.6	16	2
MMS1420L-DIN-C	□	5		71.0	82.0	84.0	132.0	129.4	2.6	16	1
MMS1420X3DB	★	3		42.6	76.0	79.0	137.6	135.0	2.6	16	1
MMS1420X5DB	★	5		71.0	105.0	109.0	167.6	165.0	2.6	16	1
MMS1430S-DIN	□	3	14.3	42.9	64.0	66.0	114.0	111.4	2.6	16	2
MMS1430S-DIN-C	□	3		42.9	64.0	66.0	114.0	111.4	2.6	16	1
MMS1430L-DIN	□	5		71.5	82.0	84.0	132.0	129.4	2.6	16	2
MMS1430L-DIN-C	□	5		71.5	82.0	84.0	132.0	129.4	2.6	16	1
MMS1430X3DB	★	3		42.9	76.0	79.0	137.6	135.0	2.6	16	1
MMS1430X5DB	★	5		71.5	105.0	109.0	167.6	165.0	2.6	16	1
MMS1440S-DIN	□	3	14.4	43.2	64.0	66.0	114.0	111.4	2.6	16	2
MMS1440S-DIN-C	□	3		43.2	64.0	66.0	114.0	111.4	2.6	16	1
MMS1440L-DIN	□	5		72.0	82.0	84.0	132.0	129.4	2.6	16	2
MMS1440L-DIN-C	□	5		72.0	82.0	84.0	132.0	129.4	2.6	16	1
MMS1440X3DB	★	3		43.2	76.0	79.0	137.6	135.0	2.6	16	1
MMS1440X5DB	★	5		72.0	105.0	109.0	167.6	165.0	2.6	16	1
MMS1450S-DIN-C	□	3	14.5	43.5	64.0	66.0	114.0	111.4	2.6	16	1
MMS1450L-DIN-C	□	5		72.5	82.0	84.0	132.0	129.4	2.6	16	1
MMS1450X3DB	★	3		43.5	76.0	79.0	137.6	135.0	2.6	16	1
MMS1450X5DB	★	5		72.5	105.0	109.0	167.6	165.0	2.6	16	1

MMS

Referencia	DP7020 Profundidad agujero	DC	Dimensiones (mm)							Tipo
			LU	LCF	LH	OAL	LF	PL	DCON	
MMS1460S-DIN	□	3	43.8	64.0	66.0	114.0	111.3	2.7	16	2
MMS1460S-DIN-C	□	3	43.8	64.0	66.0	114.0	111.3	2.7	16	1
MMS1460L-DIN	□	5	73.0	82.0	84.0	132.0	129.3	2.7	16	2
MMS1460L-DIN-C	□	5	73.0	82.0	84.0	132.0	129.3	2.7	16	1
MMS1460X3DB	★	3	43.8	78.0	79.0	137.7	135.0	2.7	16	1
MMS1460X5DB	★	5	73.0	108.0	109.0	167.7	165.0	2.7	16	1
MMS1470S-DIN	□	3	44.1	64.0	66.0	114.0	111.3	2.7	16	2
MMS1470S-DIN-C	□	3	44.1	64.0	66.0	114.0	111.3	2.7	16	1
MMS1470L-DIN	□	5	73.5	82.0	84.0	132.0	129.3	2.7	16	2
MMS1470L-DIN-C	□	5	73.5	82.0	84.0	132.0	129.3	2.7	16	1
MMS1470X3DB	★	3	44.1	78.0	79.0	137.7	135.0	2.7	16	1
MMS1470X5DB	★	5	73.5	108.0	109.0	167.7	165.0	2.7	16	1
MMS1480S-DIN	□	3	44.4	64.0	66.0	114.0	111.3	2.7	16	2
MMS1480S-DIN-C	□	3	44.4	64.0	66.0	114.0	111.3	2.7	16	1
MMS1480L-DIN	□	5	74.0	82.0	84.0	132.0	129.3	2.7	16	2
MMS1480L-DIN-C	□	5	74.0	82.0	84.0	132.0	129.3	2.7	16	1
MMS1480X3DB	★	3	44.4	78.0	79.0	137.7	135.0	2.7	16	1
MMS1480X5DB	★	5	74.0	108.0	109.0	167.7	165.0	2.7	16	1
MMS1490S-DIN	□	3	44.7	64.0	66.0	114.0	111.3	2.7	16	2
MMS1490S-DIN-C	□	3	44.7	64.0	66.0	114.0	111.3	2.7	16	1
MMS1490L-DIN	□	5	74.5	82.0	84.0	132.0	129.3	2.7	16	2
MMS1490L-DIN-C	□	5	74.5	82.0	84.0	132.0	129.3	2.7	16	1
MMS1490X3DB	★	3	44.7	78.0	79.0	137.7	135.0	2.7	16	1
MMS1490X5DB	★	5	74.5	108.0	109.0	167.7	165.0	2.7	16	1
MMS1500S-DIN-C	□	3	45.0	64.0	66.0	114.0	111.3	2.7	16	1
MMS1500L-DIN-C	□	5	75.0	82.0	84.0	132.0	129.3	2.7	16	1
MMS1500X3DB	★	3	45.0	78.0	79.0	137.7	135.0	2.7	16	1
MMS1500X5DB	★	5	75.0	108.0	109.0	167.7	165.0	2.7	16	1
MMS1510S-DIN	□	3	45.3	65.0	67.0	115.0	112.3	2.7	16	2
MMS1510S-DIN-C	□	3	45.3	65.0	67.0	115.0	112.3	2.7	16	1
MMS1510L-DIN	□	5	75.5	83.0	85.0	133.0	130.3	2.7	16	2
MMS1510L-DIN-C	□	5	75.5	83.0	85.0	133.0	130.3	2.7	16	1
MMS1510X3DB	★	3	45.3	81.0	83.0	141.7	139.0	2.7	16	1
MMS1510X5DB	★	5	75.5	112.0	115.0	173.7	171.0	2.7	16	1
MMS1520S-DIN	□	3	45.6	65.0	67.0	115.0	112.2	2.8	16	2
MMS1520S-DIN-C	□	3	45.6	65.0	67.0	115.0	112.2	2.8	16	1
MMS1520L-DIN	□	5	76.0	83.0	85.0	133.0	130.2	2.8	16	2
MMS1520L-DIN-C	□	5	76.0	83.0	85.0	133.0	130.2	2.8	16	1
MMS1520X3DB	★	3	45.6	81.0	83.0	141.8	139.0	2.8	16	1
MMS1520X5DB	★	5	76.0	112.0	115.0	173.8	171.0	2.8	16	1
MMS1530S-DIN	□	3	45.9	65.0	67.0	115.0	112.2	2.8	16	2
MMS1530S-DIN-C	□	3	45.9	65.0	67.0	115.0	112.2	2.8	16	1
MMS1530L-DIN	□	5	76.5	83.0	85.0	133.0	130.2	2.8	16	2
MMS1530L-DIN-C	□	5	76.5	83.0	85.0	133.0	130.2	2.8	16	1
MMS1530X3DB	★	3	45.9	81.0	83.0	141.8	139.0	2.8	16	1
MMS1530X5DB	★	5	76.5	112.0	115.0	173.8	171.0	2.8	16	1

MMS

Referencia	DP7020 Profundidad agujero	DC	Dimensiones (mm)							Tipo
			LU	LCF	LH	OAL	LF	PL	DCON	
MMS1540S-DIN	□ 3	15.4	46.2	65.0	67.0	115.0	112.2	2.8	16	2
MMS1540S-DIN-C	□ 3		46.2	65.0	67.0	115.0	112.2	2.8	16	1
MMS1540L-DIN	□ 5		77.0	83.0	85.0	133.0	130.2	2.8	16	2
MMS1540L-DIN-C	□ 5		77.0	83.0	85.0	133.0	130.2	2.8	16	1
MMS1540X3DB	★ 3		46.2	81.0	83.0	141.8	139.0	2.8	16	1
MMS1540X5DB	★ 5		77.0	112.0	115.0	173.8	171.0	2.8	16	1
MMS1550S-DIN-C	□ 3		46.5	65.0	67.0	115.0	112.2	2.8	16	1
MMS1550L-DIN-C	□ 5		77.5	83.0	85.0	133.0	130.2	2.8	16	1
MMS1550X3DB	★ 3		46.5	81.0	83.0	141.8	139.0	2.8	16	1
MMS1550X5DB	★ 5		77.5	112.0	115.0	173.8	171.0	2.8	16	1
MMS1560S-DIN	□ 3	15.6	46.8	65.0	67.0	115.0	112.2	2.8	16	2
MMS1560S-DIN-C	□ 3		46.8	65.0	67.0	115.0	112.2	2.8	16	1
MMS1560L-DIN	□ 5		78.0	83.0	85.0	133.0	130.2	2.8	16	2
MMS1560L-DIN-C	□ 5		78.0	83.0	85.0	133.0	130.2	2.8	16	1
MMS1560X3DB	★ 3		46.8	83.0	83.0	141.8	139.0	2.8	16	1
MMS1560X5DB	★ 5		78.0	115.0	115.0	173.8	171.0	2.8	16	1
MMS1570S-DIN	□ 3	15.7	47.1	65.0	67.0	115.0	112.1	2.9	16	2
MMS1570S-DIN-C	□ 3		47.1	65.0	67.0	115.0	112.1	2.9	16	1
MMS1570L-DIN	□ 5		78.5	83.0	85.0	133.0	130.1	2.9	16	2
MMS1570L-DIN-C	□ 5		78.5	83.0	85.0	133.0	130.1	2.9	16	1
MMS1570X3DB	★ 3		47.1	83.0	83.0	141.9	139.0	2.9	16	1
MMS1570X5DB	★ 5		78.5	115.0	115.0	173.9	171.0	2.9	16	1
MMS1580S-DIN	□ 3	15.8	47.4	65.0	67.0	115.0	112.1	2.9	16	2
MMS1580S-DIN-C	□ 3		47.4	65.0	67.0	115.0	112.1	2.9	16	1
MMS1580L-DIN	□ 5		79.0	83.0	85.0	133.0	130.1	2.9	16	2
MMS1580L-DIN-C	□ 5		79.0	83.0	85.0	133.0	130.1	2.9	16	1
MMS1580X3DB	★ 3		47.4	83.0	83.0	141.9	139.0	2.9	16	1
MMS1580X5DB	★ 5		79.0	115.0	115.0	173.9	171.0	2.9	16	1
MMS1590S-DIN	□ 3	15.9	47.7	65.0	67.0	115.0	112.1	2.9	16	2
MMS1590S-DIN-C	□ 3		47.7	65.0	67.0	115.0	112.1	2.9	16	1
MMS1590L-DIN	□ 5		79.5	83.0	85.0	133.0	130.1	2.9	16	2
MMS1590L-DIN-C	□ 5		79.5	83.0	85.0	133.0	130.1	2.9	16	1
MMS1590X3DB	★ 3		47.7	83.0	83.0	141.9	139.0	2.9	16	1
MMS1590X5DB	★ 5		79.5	115.0	115.0	173.9	171.0	2.9	16	1
MMS1600S-DIN-C	□ 3	16.0	48.0	65.0	67.0	115.0	112.1	2.9	16	1
MMS1600L-DIN-C	□ 5		80.0	83.0	85.0	133.0	130.1	2.9	16	1
MMS1600X3DB	★ 3		48.0	83.0	83.0	141.9	139.0	2.9	16	1
MMS1600X5DB	★ 5		80.0	115.0	115.0	173.9	171.0	2.9	16	1
MMS1610S-DIN	□ 3	16.1	48.3	73.0	75.0	123.0	120.1	2.9	18	2
MMS1610S-DIN-C	□ 3		48.3	73.0	75.0	123.0	120.1	2.9	18	1
MMS1610L-DIN	□ 5		80.5	93.0	95.0	143.0	140.1	2.9	18	2
MMS1610L-DIN-C	□ 5		80.5	93.0	95.0	143.0	140.1	2.9	18	1
MMS1610X3DB	□ 3		48.3	86.0	89.0	147.9	145.0	2.9	18	1
MMS1610X5DB	□ 5		80.5	119.0	123.0	181.9	179.0	2.9	18	1
MMS1620S-DIN	□ 3	16.2	48.6	73.0	75.0	123.0	120.1	2.9	18	2
MMS1620S-DIN-C	□ 3		48.6	73.0	75.0	123.0	120.1	2.9	18	1
MMS1620L-DIN	□ 5		81.0	93.0	95.0	143.0	140.1	2.9	18	2
MMS1620L-DIN-C	□ 5		81.0	93.0	95.0	143.0	140.1	2.9	18	1
MMS1620X3DB	□ 3		48.6	86.0	89.0	147.9	145.0	2.9	18	1
MMS1620X5DB	□ 5		81.0	119.0	123.0	181.9	179.0	2.9	18	1

MMS

Referencia	DP7020	Profundidad agujero	DC	Dimensiones (mm)							Tipo
				LU	LCF	LH	OAL	LF	PL	DCON	
MMS1630S-DIN	<input type="checkbox"/>	3	16.3	48.9	73.0	75.0	123.0	120.0	3.0	18	2
MMS1630S-DIN-C	<input type="checkbox"/>	3		48.9	73.0	75.0	123.0	120.0	3.0	18	1
MMS1630L-DIN	<input type="checkbox"/>	5		81.5	93.0	95.0	143.0	140.0	3.0	18	2
MMS1630L-DIN-C	<input type="checkbox"/>	5		81.5	93.0	95.0	143.0	140.0	3.0	18	1
MMS1630X3DB	<input type="checkbox"/>	3		48.9	86.0	89.0	148.0	145.0	3.0	18	1
MMS1630X5DB	<input type="checkbox"/>	5		81.5	119.0	123.0	182.0	179.0	3.0	18	1
MMS1640S-DIN	<input type="checkbox"/>	3	16.4	49.2	73.0	75.0	123.0	120.0	3.0	18	2
MMS1640S-DIN-C	<input type="checkbox"/>	3		49.2	73.0	75.0	123.0	120.0	3.0	18	1
MMS1640L-DIN	<input type="checkbox"/>	5		82.0	93.0	95.0	143.0	140.0	3.0	18	2
MMS1640L-DIN-C	<input type="checkbox"/>	5		82.0	93.0	95.0	143.0	140.0	3.0	18	1
MMS1640X3DB	<input type="checkbox"/>	3		49.2	86.0	89.0	148.0	145.0	3.0	18	1
MMS1640X5DB	<input type="checkbox"/>	5		82.0	119.0	123.0	182.0	179.0	3.0	18	1
MMS1650S-DIN-C	<input type="checkbox"/>	3	16.5	49.5	73.0	75.0	123.0	120.0	3.0	18	1
MMS1650L-DIN-C	<input type="checkbox"/>	5		82.5	93.0	95.0	143.0	140.0	3.0	18	1
MMS1650X3DB	★	3		49.5	86.0	89.0	148.0	145.0	3.0	18	1
MMS1650X5DB	★	5		82.5	119.0	123.0	182.0	179.0	3.0	18	1
MMS1660S-DIN	<input type="checkbox"/>	3	16.6	49.8	73.0	75.0	123.0	120.0	3.0	18	2
MMS1660S-DIN-C	<input type="checkbox"/>	3		49.8	73.0	75.0	123.0	120.0	3.0	18	1
MMS1660L-DIN	<input type="checkbox"/>	5		83.0	93.0	95.0	143.0	140.0	3.0	18	2
MMS1660L-DIN-C	<input type="checkbox"/>	5		83.0	93.0	95.0	143.0	140.0	3.0	18	1
MMS1660X3DB	<input type="checkbox"/>	3		49.8	88.0	89.0	148.0	145.0	3.0	18	1
MMS1660X5DB	<input type="checkbox"/>	5		83.0	122.0	123.0	182.0	179.0	3.0	18	1
MMS1670S-DIN	<input type="checkbox"/>	3	16.7	50.1	73.0	75.0	123.0	120.0	3.0	18	2
MMS1670S-DIN-C	<input type="checkbox"/>	3		50.1	73.0	75.0	123.0	120.0	3.0	18	1
MMS1670L-DIN	<input type="checkbox"/>	5		83.5	93.0	95.0	143.0	140.0	3.0	18	2
MMS1670L-DIN-C	<input type="checkbox"/>	5		83.5	93.0	95.0	143.0	140.0	3.0	18	1
MMS1670X3DB	<input type="checkbox"/>	3		50.1	88.0	89.0	148.0	145.0	3.0	18	1
MMS1670X5DB	<input type="checkbox"/>	5		83.5	122.0	123.0	182.0	179.0	3.0	18	1
MMS1680S-DIN	<input type="checkbox"/>	3	16.8	50.4	73.0	75.0	123.0	119.9	3.1	18	2
MMS1680S-DIN-C	<input type="checkbox"/>	3		50.4	73.0	75.0	123.0	119.9	3.1	18	1
MMS1680L-DIN	<input type="checkbox"/>	5		84.0	93.0	95.0	143.0	139.9	3.1	18	2
MMS1680L-DIN-C	<input type="checkbox"/>	5		84.0	93.0	95.0	143.0	139.9	3.1	18	1
MMS1680X3DB	<input type="checkbox"/>	3		50.4	88.0	89.0	148.1	145.0	3.1	18	1
MMS1680X5DB	<input type="checkbox"/>	5		84.0	122.0	123.0	182.1	179.0	3.1	18	1
MMS1690S-DIN	<input type="checkbox"/>	3	16.9	50.7	73.0	75.0	123.0	119.9	3.1	18	2
MMS1690S-DIN-C	<input type="checkbox"/>	3		50.7	73.0	75.0	123.0	119.9	3.1	18	1
MMS1690L-DIN	<input type="checkbox"/>	5		84.5	93.0	95.0	143.0	139.9	3.1	18	2
MMS1690L-DIN-C	<input type="checkbox"/>	5		84.5	93.0	95.0	143.0	139.9	3.1	18	1
MMS1690X3DB	<input type="checkbox"/>	3		50.7	88.0	89.0	148.1	145.0	3.1	18	1
MMS1690X5DB	<input type="checkbox"/>	5		84.5	122.0	123.0	182.1	179.0	3.1	18	1
MMS1700S-DIN-C	<input type="checkbox"/>	3	17.0	51.0	73.0	75.0	123.0	119.9	3.1	18	1
MMS1700L-DIN-C	<input type="checkbox"/>	5		85.0	93.0	95.0	143.0	139.9	3.1	18	1
MMS1700X3DB	★	3		51.0	88.0	89.0	148.1	145.0	3.1	18	1
MMS1700X5DB	★	5		85.0	122.0	123.0	182.1	179.0	3.1	18	1
MMS1710S-DIN	<input type="checkbox"/>	3	17.1	51.3	73.0	75.0	123.0	119.9	3.1	18	2
MMS1710S-DIN-C	<input type="checkbox"/>	3		51.3	73.0	75.0	123.0	119.9	3.1	18	1
MMS1710L-DIN	<input type="checkbox"/>	5		85.5	93.0	95.0	143.0	139.9	3.1	18	2
MMS1710L-DIN-C	<input type="checkbox"/>	5		85.5	93.0	95.0	143.0	139.9	3.1	18	1
MMS1710X3DB	<input type="checkbox"/>	3		51.3	91.0	93.0	152.1	149.0	3.1	18	1
MMS1710X5DB	<input type="checkbox"/>	5		85.5	126.0	129.0	188.1	185.0	3.1	18	1

MMS

Referencia	DP7020	Profundidad agujero	DC	Dimensiones (mm)							Tipo
				LU	LCF	LH	OAL	LF	PL	DCON	
MMS1720S-DIN	<input type="checkbox"/>	3	17.2	51.6	73.0	75.0	123.0	119.9	3.1	18	2
MMS1720S-DIN-C	<input type="checkbox"/>	3		51.6	73.0	75.0	123.0	119.9	3.1	18	1
MMS1720L-DIN	<input type="checkbox"/>	5		86.0	93.0	95.0	143.0	139.9	3.1	18	2
MMS1720L-DIN-C	<input type="checkbox"/>	5		86.0	93.0	95.0	143.0	139.9	3.1	18	1
MMS1720X3DB	<input type="checkbox"/>	3		51.6	91.0	93.0	152.1	149.0	3.1	18	1
MMS1720X5DB	<input type="checkbox"/>	5		86.0	126.0	129.0	188.1	185.0	3.1	18	1
MMS1730S-DIN	<input type="checkbox"/>	3	17.3	51.9	73.0	75.0	123.0	119.9	3.1	18	2
MMS1730S-DIN-C	<input type="checkbox"/>	3		51.9	73.0	75.0	123.0	119.9	3.1	18	1
MMS1730L-DIN	<input type="checkbox"/>	5		86.5	93.0	95.0	143.0	139.9	3.1	18	2
MMS1730L-DIN-C	<input type="checkbox"/>	5		86.5	93.0	95.0	143.0	139.9	3.1	18	1
MMS1730X3DB	<input type="checkbox"/>	3		51.9	91.0	93.0	152.1	149.0	3.1	18	1
MMS1730X5DB	<input type="checkbox"/>	5		86.5	126.0	129.0	188.1	185.0	3.1	18	1
MMS1740S-DIN	<input type="checkbox"/>	3	17.4	52.2	73.0	75.0	123.0	119.8	3.2	18	2
MMS1740S-DIN-C	<input type="checkbox"/>	3		52.2	73.0	75.0	123.0	119.8	3.2	18	1
MMS1740L-DIN	<input type="checkbox"/>	5		87.0	93.0	95.0	143.0	139.8	3.2	18	2
MMS1740L-DIN-C	<input type="checkbox"/>	5		87.0	93.0	95.0	143.0	139.8	3.2	18	1
MMS1740X3DB	<input type="checkbox"/>	3		52.2	91.0	93.0	152.2	149.0	3.2	18	1
MMS1740X5DB	<input type="checkbox"/>	5		87.0	126.0	129.0	188.2	185.0	3.2	18	1
MMS1750S-DIN-C	<input type="checkbox"/>	3	17.5	52.5	73.0	75.0	123.0	119.8	3.2	18	1
MMS1750L-DIN-C	<input type="checkbox"/>	5		87.5	93.0	95.0	143.0	139.8	3.2	18	1
MMS1750X3DB	★	3		52.5	91.0	93.0	152.2	149.0	3.2	18	1
MMS1750X5DB	★	5		87.5	126.0	129.0	188.2	185.0	3.2	18	1
MMS1760S-DIN	<input type="checkbox"/>	3	17.6	52.8	73.0	75.0	123.0	119.8	3.2	18	2
MMS1760S-DIN-C	<input type="checkbox"/>	3		52.8	73.0	75.0	123.0	119.8	3.2	18	1
MMS1760L-DIN	<input type="checkbox"/>	5		88.0	93.0	95.0	143.0	139.8	3.2	18	2
MMS1760L-DIN-C	<input type="checkbox"/>	5		88.0	93.0	95.0	143.0	139.8	3.2	18	1
MMS1760X3DB	<input type="checkbox"/>	3		52.8	93.0	93.0	152.2	149.0	3.2	18	1
MMS1760X5DB	<input type="checkbox"/>	5		88.0	129.0	129.0	188.2	185.0	3.2	18	1
MMS1770S-DIN	<input type="checkbox"/>	3	17.7	53.1	73.0	75.0	123.0	119.8	3.2	18	2
MMS1770S-DIN-C	<input type="checkbox"/>	3		53.1	73.0	75.0	123.0	119.8	3.2	18	1
MMS1770L-DIN	<input type="checkbox"/>	5		88.5	93.0	95.0	143.0	139.8	3.2	18	2
MMS1770L-DIN-C	<input type="checkbox"/>	5		88.5	93.0	95.0	143.0	139.8	3.2	18	1
MMS1770X3DB	<input type="checkbox"/>	3		53.1	93.0	93.0	152.2	149.0	3.2	18	1
MMS1770X5DB	<input type="checkbox"/>	5		88.5	129.0	129.0	188.2	185.0	3.2	18	1
MMS1780S-DIN	<input type="checkbox"/>	3	17.8	53.4	73.0	75.0	123.0	119.8	3.2	18	2
MMS1780S-DIN-C	<input type="checkbox"/>	3		53.4	73.0	75.0	123.0	119.8	3.2	18	1
MMS1780L-DIN	<input type="checkbox"/>	5		89.0	93.0	95.0	143.0	139.8	3.2	18	2
MMS1780L-DIN-C	<input type="checkbox"/>	5		89.0	93.0	95.0	143.0	139.8	3.2	18	1
MMS1780X3DB	<input type="checkbox"/>	3		53.4	93.0	93.0	152.2	149.0	3.2	18	1
MMS1780X5DB	<input type="checkbox"/>	5		89.0	129.0	129.0	188.2	185.0	3.2	18	1
MMS1790S-DIN	<input type="checkbox"/>	3	17.9	53.7	73.0	75.0	123.0	119.7	3.3	18	2
MMS1790S-DIN-C	<input type="checkbox"/>	3		53.7	73.0	75.0	123.0	119.7	3.3	18	1
MMS1790L-DIN	<input type="checkbox"/>	5		89.5	93.0	95.0	143.0	139.7	3.3	18	2
MMS1790L-DIN-C	<input type="checkbox"/>	5		89.5	93.0	95.0	143.0	139.7	3.3	18	1
MMS1790X3DB	<input type="checkbox"/>	3		53.7	93.0	93.0	152.3	149.0	3.3	18	1
MMS1790X5DB	<input type="checkbox"/>	5		89.5	129.0	129.0	188.3	185.0	3.3	18	1
MMS1800S-DIN-C	<input type="checkbox"/>	3	18.0	54.0	73.0	75.0	123.0	119.7	3.3	18	1
MMS1800L-DIN-C	<input type="checkbox"/>	5		90.0	93.0	95.0	143.0	139.7	3.3	18	1
MMS1800X3DB	★	3		54.0	93.0	93.0	152.3	149.0	3.3	18	1
MMS1800X5DB	★	5		90.0	129.0	129.0	188.3	185.0	3.3	18	1

MMS

Referencia	DP7020	Profundidad agujero	DC	Dimensiones (mm)							Tipo
				LU	LCF	LH	OAL	LF	PL	DCON	
MMS1810S-DIN	<input type="checkbox"/>	3	18.1	54.3	79.0	81.0	131.0	127.7	3.3	20	2
MMS1810S-DIN-C	<input type="checkbox"/>	3		54.3	79.0	81.0	131.0	127.7	3.3	20	1
MMS1810L-DIN	<input type="checkbox"/>	5		90.5	101.0	103.0	153.0	149.7	3.3	20	2
MMS1810L-DIN-C	<input type="checkbox"/>	5		90.5	101.0	103.0	153.0	149.7	3.3	20	1
MMS1810X3DB	<input type="checkbox"/>	3		54.3	96.0	99.0	160.3	157.0	3.3	20	1
MMS1810X5DB	<input type="checkbox"/>	5		90.5	133.0	137.0	198.3	195.0	3.3	20	1
MMS1820S-DIN	<input type="checkbox"/>	3	18.2	54.6	79.0	81.0	131.0	127.7	3.3	20	2
MMS1820S-DIN-C	<input type="checkbox"/>	3		54.6	79.0	81.0	131.0	127.7	3.3	20	1
MMS1820L-DIN	<input type="checkbox"/>	5		91.0	101.0	103.0	153.0	149.7	3.3	20	2
MMS1820L-DIN-C	<input type="checkbox"/>	5		91.0	101.0	103.0	153.0	149.7	3.3	20	1
MMS1820X3DB	<input type="checkbox"/>	3		54.6	96.0	99.0	160.3	157.0	3.3	20	1
MMS1820X5DB	<input type="checkbox"/>	5		91.0	133.0	137.0	198.3	195.0	3.3	20	1
MMS1830S-DIN	<input type="checkbox"/>	3	18.3	54.9	79.0	81.0	131.0	127.7	3.3	20	2
MMS1830S-DIN-C	<input type="checkbox"/>	3		54.9	79.0	81.0	131.0	127.7	3.3	20	1
MMS1830L-DIN	<input type="checkbox"/>	5		91.5	101.0	103.0	153.0	149.7	3.3	20	2
MMS1830L-DIN-C	<input type="checkbox"/>	5		91.5	101.0	103.0	153.0	149.7	3.3	20	1
MMS1830X3DB	<input type="checkbox"/>	3		54.9	96.0	99.0	160.3	157.0	3.3	20	1
MMS1830X5DB	<input type="checkbox"/>	5		91.5	133.0	137.0	198.3	195.0	3.3	20	1
MMS1840S-DIN	<input type="checkbox"/>	3	18.4	55.2	79.0	81.0	131.0	127.7	3.3	20	2
MMS1840S-DIN-C	<input type="checkbox"/>	3		55.2	79.0	81.0	131.0	127.7	3.3	20	1
MMS1840L-DIN	<input type="checkbox"/>	5		92.0	101.0	103.0	153.0	149.7	3.3	20	2
MMS1840L-DIN-C	<input type="checkbox"/>	5		92.0	101.0	103.0	153.0	149.7	3.3	20	1
MMS1840X3DB	<input type="checkbox"/>	3		55.2	96.0	99.0	160.3	157.0	3.3	20	1
MMS1840X5DB	<input type="checkbox"/>	5		92.0	133.0	137.0	198.3	195.0	3.3	20	1
MMS1850S-DIN-C	<input type="checkbox"/>	3	18.5	55.5	79.0	81.0	131.0	127.6	3.4	20	1
MMS1850L-DIN-C	<input type="checkbox"/>	5		92.5	101.0	103.0	153.0	149.6	3.4	20	1
MMS1850X3DB	★	3		55.5	96.0	99.0	160.4	157.0	3.4	20	1
MMS1850X5DB	★	5		92.5	133.0	137.0	198.4	195.0	3.4	20	1
MMS1860S-DIN	<input type="checkbox"/>	3	18.6	55.8	79.0	81.0	123.0	119.6	3.4	20	2
MMS1860S-DIN-C	<input type="checkbox"/>	3		55.8	79.0	81.0	123.0	119.6	3.4	20	1
MMS1860L-DIN	<input type="checkbox"/>	5		93.0	101.0	103.0	143.0	139.6	3.4	20	2
MMS1860L-DIN-C	<input type="checkbox"/>	5		93.0	101.0	103.0	143.0	139.6	3.4	20	1
MMS1860X3DB	<input type="checkbox"/>	3		55.8	98.0	99.0	160.4	157.0	3.4	20	1
MMS1860X5DB	<input type="checkbox"/>	5		93.0	136.0	137.0	198.4	195.0	3.4	20	1
MMS1870S-DIN	<input type="checkbox"/>	3	18.7	56.1	79.0	81.0	123.0	119.6	3.4	20	2
MMS1870S-DIN-C	<input type="checkbox"/>	3		56.1	79.0	81.0	123.0	119.6	3.4	20	1
MMS1870L-DIN	<input type="checkbox"/>	5		93.5	101.0	103.0	143.0	139.6	3.4	20	2
MMS1870L-DIN-C	<input type="checkbox"/>	5		93.5	101.0	103.0	143.0	139.6	3.4	20	1
MMS1870X3DB	<input type="checkbox"/>	3		56.1	98.0	99.0	160.4	157.0	3.4	20	1
MMS1870X5DB	<input type="checkbox"/>	5		93.5	136.0	137.0	198.4	195.0	3.4	20	1
MMS1880S-DIN	<input type="checkbox"/>	3	18.8	56.4	79.0	81.0	123.0	119.6	3.4	20	2
MMS1880S-DIN-C	<input type="checkbox"/>	3		56.4	79.0	81.0	123.0	119.6	3.4	20	1
MMS1880L-DIN	<input type="checkbox"/>	5		94.0	101.0	103.0	143.0	139.6	3.4	20	2
MMS1880L-DIN-C	<input type="checkbox"/>	5		94.0	101.0	103.0	143.0	139.6	3.4	20	1
MMS1880X3DB	<input type="checkbox"/>	3		56.4	98.0	99.0	160.4	157.0	3.4	20	1
MMS1880X5DB	<input type="checkbox"/>	5		94.0	136.0	137.0	198.4	195.0	3.4	20	1
MMS1890S-DIN	<input type="checkbox"/>	3	18.9	56.7	79.0	81.0	131.0	127.6	3.4	20	2
MMS1890S-DIN-C	<input type="checkbox"/>	3		56.7	79.0	81.0	131.0	127.6	3.4	20	1
MMS1890L-DIN	<input type="checkbox"/>	5		94.5	101.0	103.0	153.0	149.6	3.4	20	2
MMS1890L-DIN-C	<input type="checkbox"/>	5		94.5	101.0	103.0	153.0	149.6	3.4	20	1
MMS1890X3DB	<input type="checkbox"/>	3		56.7	98.0	99.0	160.4	157.0	3.4	20	1
MMS1890X5DB	<input type="checkbox"/>	5		94.5	136.0	137.0	198.4	195.0	3.4	20	1

MMS

Referencia	DP7020 Profundidad agujero	DC	Dimensiones (mm)							Tipo
			LU	LCF	LH	OAL	LF	PL	DCON	
MMS1900S-DIN-C	☐ 3	19.0	57.0	79.0	81.0	131.0	127.5	3.5	20	1
MMS1900L-DIN-C	☐ 5		95.0	101.0	103.0	153.0	149.5	3.5	20	1
MMS1900X3DB	★ 3		57.0	98.0	99.0	160.5	157.0	3.5	20	1
MMS1900X5DB	★ 5		95.0	136.0	137.0	198.5	195.0	3.5	20	1
MMS1910S-DIN	☐ 3	19.1	57.3	79.0	81.0	131.0	127.5	3.5	20	2
MMS1910S-DIN-C	☐ 3		57.3	79.0	81.0	131.0	127.5	3.5	20	1
MMS1910L-DIN	☐ 5		95.5	101.0	103.0	153.0	149.5	3.5	20	2
MMS1910L-DIN-C	☐ 5		95.5	101.0	103.0	153.0	149.5	3.5	20	1
MMS1910X3DB	☐ 3		57.3	101.0	103.0	164.5	161.0	3.5	20	1
MMS1910X5DB	☐ 5		95.5	140.0	143.0	204.5	201.0	3.5	20	1
MMS1920S-DIN	☐ 3	19.2	57.6	79.0	81.0	131.0	127.5	3.5	20	2
MMS1920S-DIN-C	☐ 3		57.6	79.0	81.0	131.0	127.5	3.5	20	1
MMS1920L-DIN	☐ 5		96.0	101.0	103.0	153.0	149.5	3.5	20	2
MMS1920L-DIN-C	☐ 5		96.0	101.0	103.0	153.0	149.5	3.5	20	1
MMS1920X3DB	☐ 3		57.6	101.0	103.0	164.5	161.0	3.5	20	1
MMS1920X5DB	☐ 5		96.0	140.0	143.0	204.5	201.0	3.5	20	1
MMS1930S-DIN	☐ 3	19.3	57.9	79.0	81.0	131.0	127.5	3.5	20	2
MMS1930S-DIN-C	☐ 3		57.9	79.0	81.0	131.0	127.5	3.5	20	1
MMS1930L-DIN	☐ 5		96.5	101.0	103.0	153.0	149.5	3.5	20	2
MMS1930L-DIN-C	☐ 5		96.5	101.0	103.0	153.0	149.5	3.5	20	1
MMS1930X3DB	☐ 3		57.9	101.0	103.0	164.5	161.0	3.5	20	1
MMS1930X5DB	☐ 5		96.5	140.0	143.0	204.5	201.0	3.5	20	1
MMS1940S-DIN	☐ 3	19.4	58.2	79.0	81.0	131.0	127.5	3.5	20	2
MMS1940S-DIN-C	☐ 3		58.2	79.0	81.0	131.0	127.5	3.5	20	1
MMS1940L-DIN	☐ 5		97.0	101.0	103.0	153.0	149.5	3.5	20	2
MMS1940L-DIN-C	☐ 5		97.0	101.0	103.0	153.0	149.5	3.5	20	1
MMS1940X3DB	☐ 3		58.2	101.0	103.0	164.5	161.0	3.5	20	1
MMS1940X5DB	☐ 5		97.0	140.0	143.0	204.5	201.0	3.5	20	1
MMS1950S-DIN-C	☐ 3	19.5	58.5	79.0	81.0	131.0	127.5	3.5	20	1
MMS1950L-DIN	● 5		97.5	101.0	103.0	153.0	149.5	3.5	20	2
MMS1950L-DIN-C	☐ 5		97.5	101.0	103.0	153.0	149.5	3.5	20	1
MMS1950X3DB	★ 3		58.5	101.0	103.0	164.5	161.0	3.5	20	1
MMS1950X5DB	★ 5		97.5	140.0	143.0	204.5	201.0	3.5	20	1
MMS1960S-DIN	☐ 3		19.6	58.8	79.0	81.0	131.0	127.4	3.6	20
MMS1960S-DIN-C	☐ 3	58.8		79.0	81.0	131.0	127.4	3.6	20	1
MMS1960L-DIN	☐ 5	98.0		101.0	103.0	153.0	149.4	3.6	20	2
MMS1960L-DIN-C	☐ 5	98.0		101.0	103.0	153.0	149.4	3.6	20	1
MMS1960X3DB	☐ 3	58.8		104.0	104.0	164.6	161.0	3.6	20	1
MMS1960X5DB	☐ 5	98.0		144.0	144.0	204.6	201.0	3.6	20	1
MMS1970S-DIN	☐ 3	19.7	59.1	79.0	81.0	131.0	127.4	3.6	20	2
MMS1970S-DIN-C	☐ 3		59.1	79.0	81.0	131.0	127.4	3.6	20	1
MMS1970L-DIN	☐ 5		98.5	101.0	103.0	153.0	149.4	3.6	20	2
MMS1970L-DIN-C	☐ 5		98.5	101.0	103.0	153.0	149.4	3.6	20	1
MMS1970X3DB	☐ 3		59.1	104.0	104.0	164.6	161.0	3.6	20	1
MMS1970X5DB	☐ 5		98.5	144.0	144.0	204.6	201.0	3.6	20	1
MMS1980S-DIN	☐ 3	19.8	59.4	79.0	81.0	131.0	127.4	3.6	20	2
MMS1980S-DIN-C	☐ 3		59.4	79.0	81.0	131.0	127.4	3.6	20	1
MMS1980L-DIN	☐ 5		99.0	101.0	103.0	153.0	149.4	3.6	20	2
MMS1980L-DIN-C	☐ 5		99.0	101.0	103.0	153.0	149.4	3.6	20	1
MMS1980X3DB	☐ 3		59.4	104.0	104.0	164.6	161.0	3.6	20	1
MMS1980X5DB	☐ 5		99.0	144.0	144.0	204.6	201.0	3.6	20	1

MMS

Referencia	DP7020	Profundidad agujero	DC	Dimensiones (mm)							Tipo
				LU	LCF	LH	OAL	LF	PL	DCON	
MMS1990S-DIN	□	3	19.9	59.7	79.0	81.0	131.0	127.4	3.6	20	2
MMS1990S-DIN-C	□	3		59.7	79.0	81.0	131.0	127.4	3.6	20	1
MMS1990L-DIN	□	5		99.5	101.0	103.0	153.0	149.4	3.6	20	2
MMS1990L-DIN-C	□	5		99.5	101.0	103.0	153.0	149.4	3.6	20	1
MMS1990X3DB	□	3		59.7	104.0	104.0	164.6	161.0	3.6	20	1
MMS1990X5DB	□	5		99.5	144.0	144.0	204.6	201.0	3.6	20	1
MMS2000S-DIN-C	□	3	20.0	60.0	79.0	81.0	131.0	127.4	3.6	20	1
MMS2000L-DIN-C	□	5		100.0	101.0	103.0	153.0	149.4	3.6	20	1
MMS2000X3DB	★	3		60.0	104.0	104.0	164.6	161.0	3.6	20	1
MMS2000X5DB	★	5		100.0	144.0	144.0	204.6	201.0	3.6	20	1

MMS

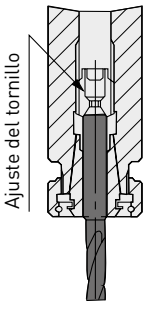
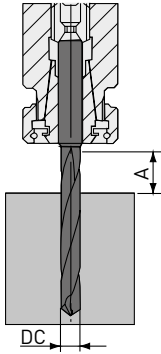
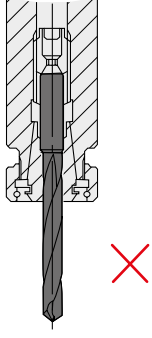
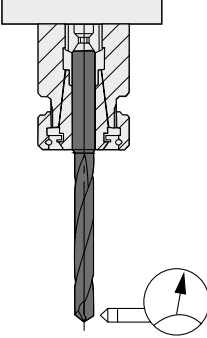
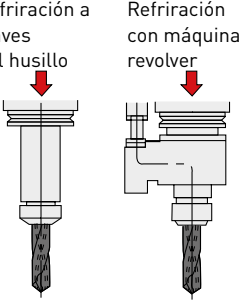
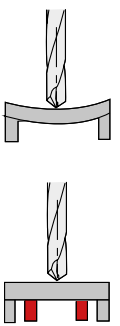
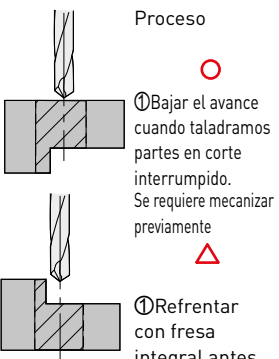
CONDICIONES DE CORTE RECOMENDADAS

Material	DC	Vc	n	f	Vf
Acero Inoxidable austenítico (≤180HB)	3.2	80	7900	0.13 [0.08-0.18]	1025
	4.0	80	6300	0.15 [0.10-0.20]	945
	5.0	80	5000	0.15 [0.10-0.20]	750
	6.3	80	4000	0.17 [0.12-0.22]	680
	8.0	80	3100	0.19 [0.14-0.24]	585
	10.0	60	1900	0.2 [0.15-0.25]	380
	12.0	60	1500	0.21 [0.16-0.26]	315
	16.0	60	1100	0.22 [0.17-0.27]	240
Acero Inoxidable austenítico (180-280HB)	20.0	60	900	0.23 [0.18-0.28]	205
	3.2	60	5900	0.1 [0.05-0.15]	590
	4.0	60	4700	0.12 [0.08-0.18]	560
	5.0	60	3800	0.12 [0.08-0.18]	455
	6.3	60	3000	0.15 [0.1-0.2]	450
	8.0	60	2300	0.17 [0.12-0.22]	390
	10.0	50	1500	0.18 [0.13-0.23]	270
	12.0	50	1300	0.19 [0.14-0.24]	245
Acero inoxidable dúplex (≤280HB)	16.0	50	900	0.2 [0.15-0.25]	180
	20.0	50	700	0.21 [0.16-0.26]	145
	3.2	50	4900	0.1 [0.05-0.15]	490
	4.0	50	3900	0.12 [0.08-0.18]	465
	5.0	50	3100	0.12 [0.08-0.18]	370
	6.3	50	2500	0.15 [0.1-0.2]	375
	8.0	50	1900	0.17 [0.12-0.22]	320
	10.0	40	1200	0.18 [0.13-0.23]	215
Aceros inoxidables ferríticos y martensíticos (≤200HB)	12.0	40	1000	0.19 [0.14-0.24]	190
	16.0	40	700	0.2 [0.15-0.25]	140
	20.0	40	600	0.21 [0.16-0.26]	125
	3.2	80	7900	0.13 [0.08-0.18]	1025
	4.0	80	6300	0.15 [0.10-0.20]	945
	5.0	80	5000	0.15 [0.10-0.20]	750
	6.3	80	4000	0.17 [0.12-0.22]	680
	8.0	80	3100	0.19 [0.14-0.24]	585
Aceros inoxidables ferríticos y martensíticos (>200HB)	10.0	60	1900	0.2 [0.15-0.25]	380
	12.0	60	1500	0.21 [0.16-0.26]	315
	16.0	60	1100	0.22 [0.17-0.27]	240
	20.0	60	900	0.23 [0.18-0.28]	205
	3.2	60	5900	0.1 [0.05-0.15]	590
	4.0	60	4700	0.12 [0.08-0.18]	560
	5.0	60	3800	0.12 [0.08-0.18]	455
	6.3	60	3000	0.15 [0.1-0.2]	450
	8.0	60	2300	0.17 [0.12-0.22]	390
	10.0	50	1500	0.18 [0.13-0.23]	270
	12.0	50	1300	0.19 [0.14-0.24]	245
	16.0	50	900	0.2 [0.15-0.25]	180
	20.0	50	700	0.21 [0.16-0.26]	145

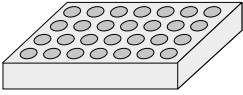
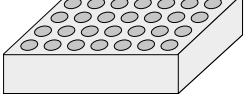
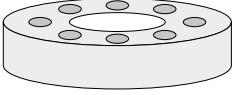
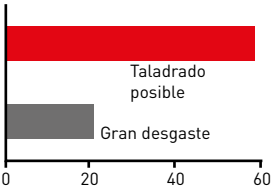
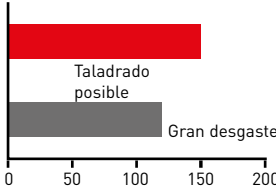
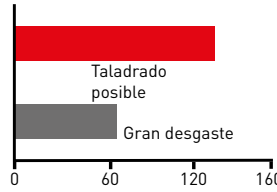
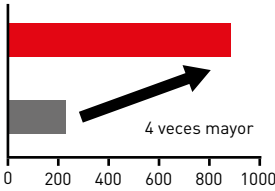
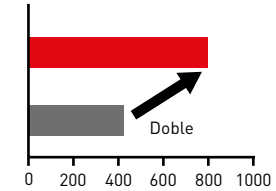
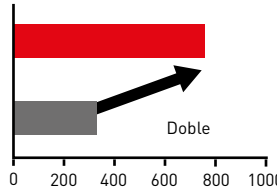
Material	DC	Vc	n	f	Vf
M Aceros inoxidables endurecidos (<450HB)	3.2	50	4900	0.1 (0.05-0.15)	490
	4.0	50	3900	0.12 (0.08-0.18)	465
	5.0	50	3100	0.12 (0.08-0.18)	370
	6.3	50	2500	0.15 (0.1-0.2)	375
	8.0	50	1900	0.17 (0.12-0.22)	320
	10.0	40	1200	0.18 (0.13-0.23)	215
	12.0	40	1000	0.19 (0.14-0.24)	190
	16.0	40	700	0.2 (0.15-0.25)	140
20.0	40	600	0.21 (0.16-0.26)	125	

1. Para practicar agujeros con estabilidad, es recomendable un sistema de refrigeración por el eje.
2. Es recomendable utilizar un refrigerante al agua tipo emulsión.
3. En fluidos de corte que no sean al agua, reduzca la rotación en un 10%-20%.

GUIA OPERACIONAL

Amarre de la broca	Longitud de la broca	Instalación de la broca	Tolerancia de instalación
 <p>Ajuste del tornillo</p> <p>La presión del tipo de tornillo amarra la broca con seguridad.</p>	 <p>$A > DC \times 1.5$</p>	 <p>No sujetar en las hélices.</p>	 <p>Descentramiento $\leq 0.03\text{mm}$</p>
Tipos de refrigeración	Utilización del refrigerante	Pieza delgada	Corte interrumpido
 <p>Refriración a través del husillo</p> <p>Refriración con máquina revolver</p> <p>La presión del refrigerante es aproximadamente 5 bar-70 bar</p>	<p>1) El polvo y las partículas de polvo que hay en el refrigerante viejo pueden obstruir el agujero para el aceite e impedir el flujo. Es recomendable cambiar regularmente el refrigerante.</p> <p>2) Las pequeñas partículas de viruta atascarán el agujero para el aceite. Utilice un filtro como medida preventiva. Si utiliza brocas de pequeño diámetro, utilice un filtro de retícula fina.</p>	 <p>Si se produce un oblatamiento</p> <p>Sujetar la pieza</p>	 <p>Proceso</p> <p>⊙ Bajar el avance cuando taladramos partes en corte interrumpido. Se requiere mecanizar previamente</p> <p>⚠ Refrentar con fresa integral antes de taladrar.</p>

EJEMPLO DE APLICACIÓN

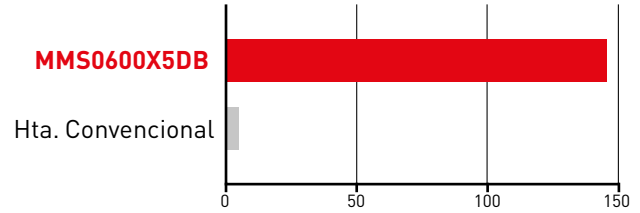
Broca	MMS0560X5DB		MMS0500X5DB		MMS0970X3DB		
Pieza de trabajo	Acero inoxidable austenítico JIS SUS304 (200HB) Profundidad del agujero: 20 mm 		PH acero inoxidable JIS SUS630 Profundidad del agujero: 30 mm 		Acero inoxidable austenítico JIS SUS304L (200HB) Profundidad del agujero: 25.4 mm 		
Componente	Implantes médicos		Hilera		Piezas de intercambio de calor		
Broca	MMS0560X5DB	Hta. Conventional	MMS0500X5DB	Hta. Conventional	MMS0970X3DB	Hta. Conventional	
Condiciones de corte	Vc (m/min)	70	39	64	66	99	70
	f (mm/rev)	0.22	0.1	0.2	0.1	0.23	0.14
	n (min ⁻¹)	3979	2217	4074	4210	3249	2297
	fr (mm/min)	875	222	815	421	747	322
Refrigeración	Emulsión						
Máquina	Centro de mecanizado						
VIDA ÚTIL DE LA HERRAMIENTA							
Resultados							
	AVANCE						
							

RENDIMIENTO DE CORTE

Las brocas MMS están diseñadas específicamente para el taladrado de aceros inoxidables, ofreciendo una larga vida útil de la herramienta.

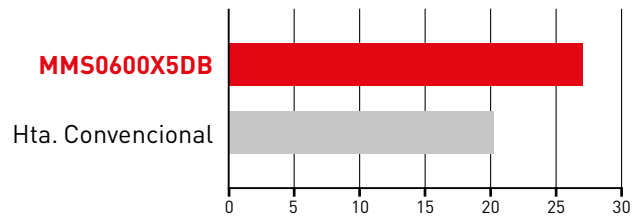
ACERO INOXIDABLE AUSTENÍTICO

Broca (mm)	Ø 6.0
Pieza de trabajo	JIS SUS316L
Profundidad del agujero (mm)	30 (L/D=5)
Vc (m/min)	90
f (mm/rev)	0.2
fr (mm/min)	955 (Sin parar)
Refrigeración	W.S.O
Presión de emisión	3 MPa
Máquina	Centro de mecanizado



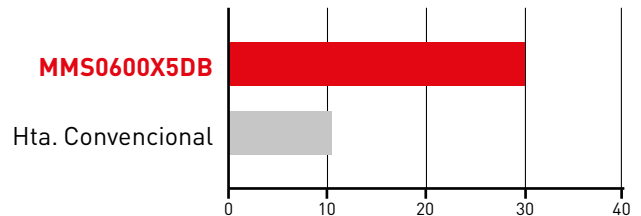
ACERO INOXIDABLE MARTENÍTICO

Broca (mm)	Ø6.0
Pieza de trabajo	JIS SUS420J2
Profundidad del agujero (mm)	30 (L/D=5)
Vc (m/min)	50
f (mm/rev)	0.13
fr (mm/min)	345 (Sin parar)
Refrigeración	W.S.O
Presión de emisión	3 MPa
Máquina	Centro de mecanizado



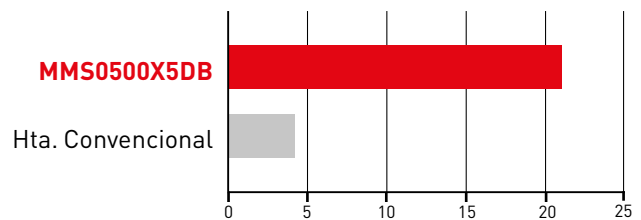
ACERO DÚPLEX

Broca (mm)	Ø6.0
Pieza de trabajo	JIS SUS329J1
Profundidad del agujero (mm)	30 (L/D=5)
Vc (m/min)	50
f (mm/rev)	0.13
fr (mm/min)	345 (Sin parar)
Refrigeración	W.S.O
Presión de emisión	3 MPa
Máquina	Centro de mecanizado



ACERO INOXIDABLE DE PH

Broca (mm)	Ø5.0
Pieza de trabajo	JIS SUS630
Profundidad del agujero (mm)	25 (L/D=5)
Vc (m/min)	50
f (mm/rev)	0.08
fr (mm/min)	255 (Sin parar)
Refrigeración	W.S.O
Presión de emisión	3 MPa
Máquina	Centro de mecanizado



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