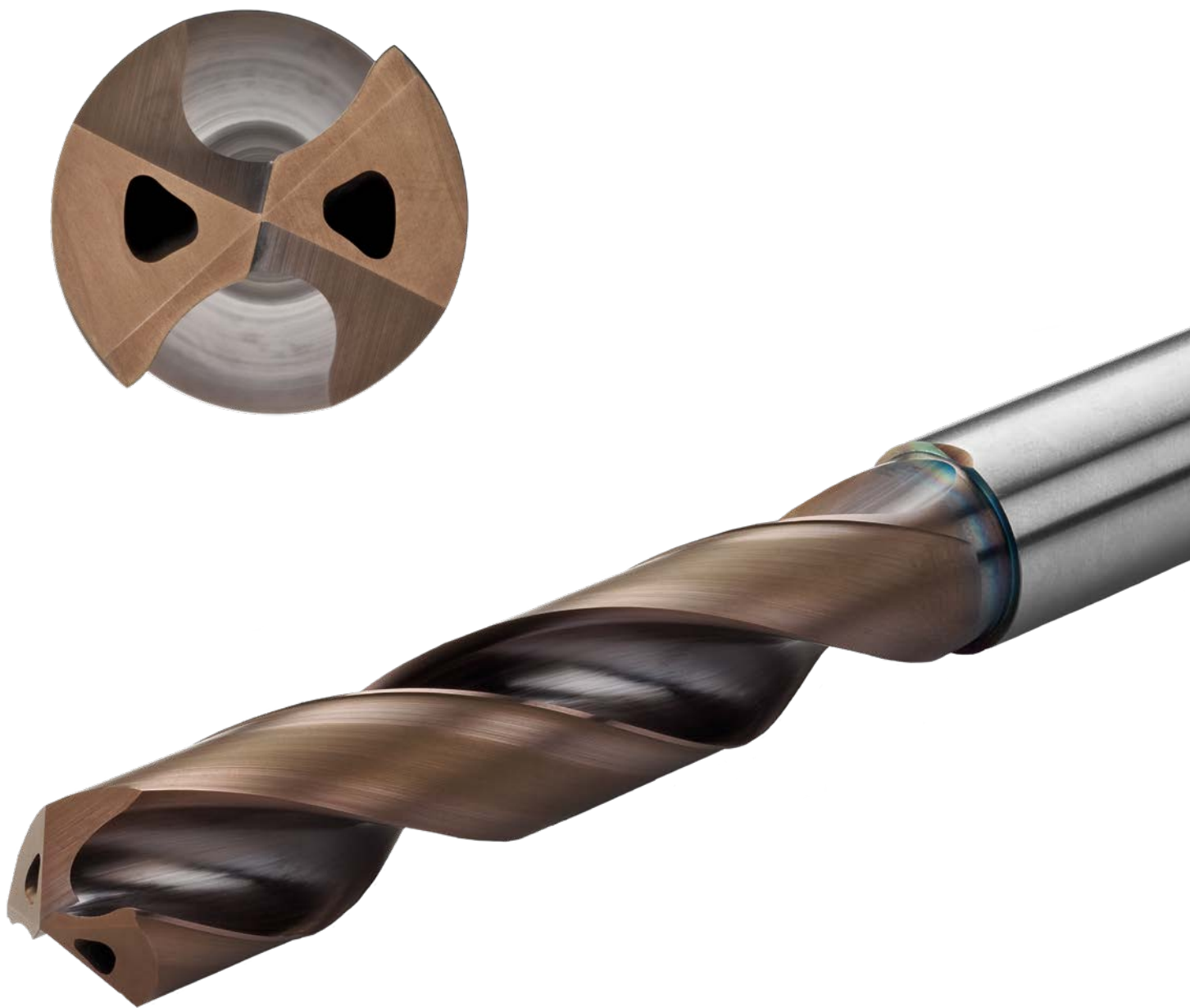


MMS

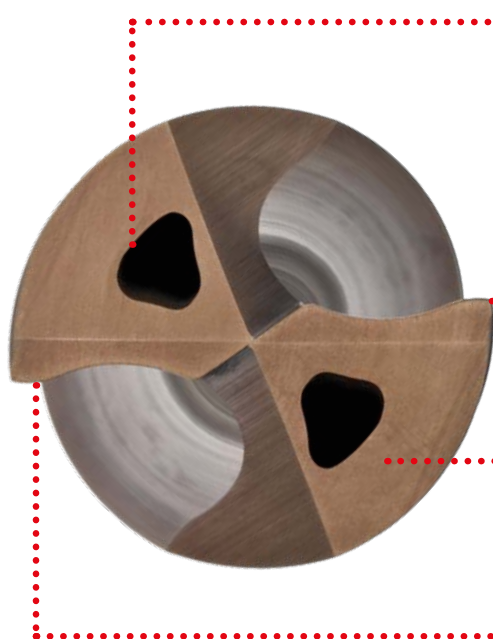
PEŁNOWĘGLIKOWE WIERTŁA DO OBRÓBKI STALI
NIERDZEWNEJ



MMS

PEŁNOWĘGLIKOWE WIERTŁO DO OBRÓBKI STALI NIERDZEWNEJ

UNIKALNA GEOMETRIA OTWORÓW CHŁODZĄCYCH ZAPEWNIĄ WYSOKĄ PRODUKTYWNOŚĆ I DŁUGĄ ŻYWOTNOŚĆ NARZĘDZIA



GEOMETRIA OTWORÓW CHŁODZĄCYCH

Wykorzystuje technologię chłodzenia TRI. Możliwość przepływu chłodziwa jest zwiększona dzięki unikalnemu kształtowi otworu.

SPECJALNA ŁYSINKA REDUKUJE OPÓR SKRAWANIA

Specjalna szerokość tysinki doskonale nadaje się do wiercenia w materiałach ze stali nierdzewnej. Niższy opór skrawania zapewnia wyższą wydajność obróbki.

GATUNEK NARZĘDZIA DP7020

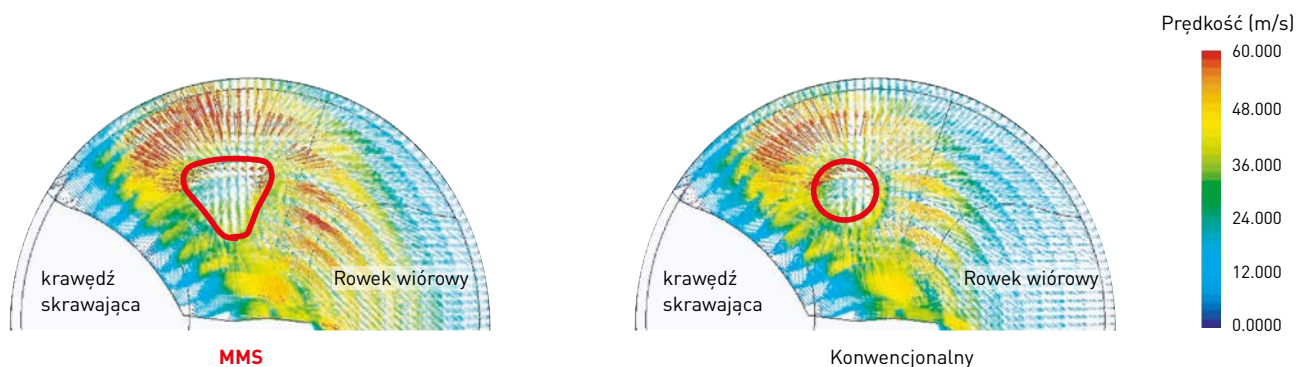
Idealne podłoże węglkowe do stali nierdzewnych, z powłoką PVD oferującą lepszą smarność.

FALISTA KRAWĘDŹ SKRAWAJĄCA IDEALNA DO OBRÓBK STALI NIERDZEWNEJ

Wklęsła główna krawędź skrawająca poprawia ostrość, a wypukła zewnętrzna krawędź skrawająca poprawia ogólną wytrzymałość.

W PORÓWNANIU DO WIERTEŁ KONWENCJONALNYCH ILOŚĆ CHŁODZIWA JEST PODWOJONA Z ULEPSZONYM CHŁODZENIEM DLA DŁUŻSZEJ ŻYWOTNOŚCI NARZĘDZIA

SYMULACJA PRĘDKOŚCI PRZEPŁYWU CHŁODZIWA (4700RPM)



MMS



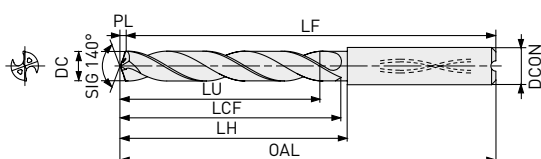
PEŁNOWĘGLIKOWE WIERTŁO DO OBRÓBKI STALI NIERDZEWNEJ

M


1 Typ z chwytem walcowym

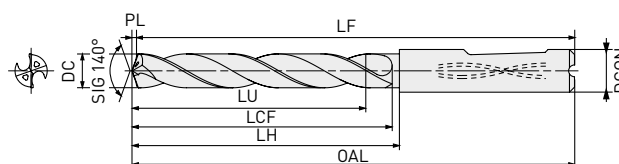
MMS---S/L-DIN-C (l/d 3-5)

MMS---X3/X5DB (l/d 3-5)



2 Chwyt Whistle-Notch

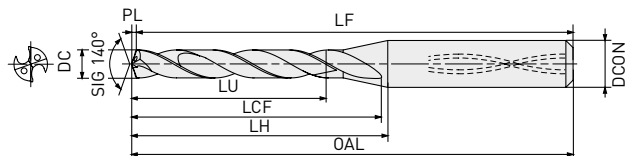
MMS---S/L-DIN (l/d 3-5)



3 Typ z chwytem walcowym ze stożkową szyjką

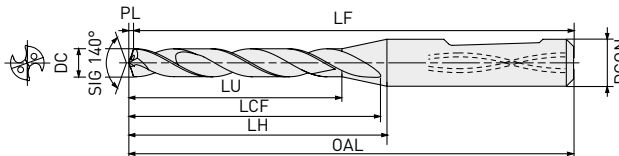
MMS---S/L-DIN-C (l/d 3-5)

MMS---X3/X5DB (l/d 3-5)



4 Chwyt Whistle-Notch ze stożkową szyjką

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



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

- Wysoka dokładność i wydajne wiercenia w stali nierdzewnych
- Wiertła z otworami chłodzącymi TRI zaczynają się od Ø 4.60 mm

Numer zamówieniowy	DP7020 Głębokość otworu	DC	Wymiary (mm)							Typ
			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

Numer zamówieniowy	DP7020 Głębokość otworu	DC	Wymiary (mm)							Typ
			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

Numer zamówieniowy	DP7020 Głębokość otworu	DC	Wymiary (mm)							Typ
			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

Numer zamówieniowy	DP7020 Głębokość otworu	DC	Wymiary (mm)							Typ
			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

Numer zamówieniowy	DP7020 Głębokość otworu	DC	Wymiary (mm)							Typ
			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

Numer zamówieniowy	DP7020 Głębokość otworu	DC	Wymiary (mm)							Typ
			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

Numer zamówieniowy	DP7020 Głębokość otworu	DC	Wymiary (mm)							Typ
			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

Numer zamówieniowy	DP7020 Głębokość otworu	DC	Wymiary (mm)							Typ
			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	8.2	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		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	8.2	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		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	8.4	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		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	8.4	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		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	8.7	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		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	8.7	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		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

Numer zamówieniowy	DP7020 Głębokość otworu	DC	Wymiary (mm)							Typ
			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

Numer zamówieniowy	DP7020 Głębokość otworu	DC	Wymiary (mm)							Typ
			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

Numer zamówieniowy	DP7020 Głębokość otworu	DC	Wymiary (mm)							Typ
			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

Numer zamówieniowy	DP7020 Głębokość otworu	DC	Wymiary (mm)							Typ
			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

Numer zamówieniowy	DP7020 Głębokość otworu	DC	Wymiary (mm)							Typ
			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

MMS

Numer zamówieniowy	DP7020 Głębokość otworu	DC	Wymiary (mm)							Typ
			LU	LCF	LH	OAL	LF	PL	DCON	
MMS1290S-DIN	□ 3	12.9	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	13.0	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	13.1	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	13.2	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	13.3	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	13.4	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	13.5	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	13.6	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

Numer zamówieniowy	DP7020 Głębokość otworu	DC	Wymiary (mm)							Typ
			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

Numer zamówieniowy	DP7020 Głębokość otworu	DC	Wymiary (mm)							Typ
			LU	LCF	LH	OAL	LF	PL	DCON	
MMS1460S-DIN	□ 3	14.6	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	14.7	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	14.8	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	14.9	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	15.0	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	15.1	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	15.2	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	15.3	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

Numer zamówieniowy	DP7020	Głębokość otworu	DC	Wymiary (mm)						Typ	
				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

Numer zamówieniowy	DP7020	Głębokość otworu	DC	Wymiary (mm)							Typ
				LU	LCF	LH	OAL	LF	PL	DCON	
MMS1630S-DIN	□	3	16.3	48.9	73.0	75.0	123.0	120.0	3.0	18	2
MMS1630S-DIN-C	□	3		48.9	73.0	75.0	123.0	120.0	3.0	18	1
MMS1630L-DIN	□	5		81.5	93.0	95.0	143.0	140.0	3.0	18	2
MMS1630L-DIN-C	□	5		81.5	93.0	95.0	143.0	140.0	3.0	18	1
MMS1630X3DB	□	3		48.9	86.0	89.0	148.0	145.0	3.0	18	1
MMS1630X5DB	□	5		81.5	119.0	123.0	182.0	179.0	3.0	18	1
MMS1640S-DIN	□	3	16.4	49.2	73.0	75.0	123.0	120.0	3.0	18	2
MMS1640S-DIN-C	□	3		49.2	73.0	75.0	123.0	120.0	3.0	18	1
MMS1640L-DIN	□	5		82.0	93.0	95.0	143.0	140.0	3.0	18	2
MMS1640L-DIN-C	□	5		82.0	93.0	95.0	143.0	140.0	3.0	18	1
MMS1640X3DB	□	3		49.2	86.0	89.0	148.0	145.0	3.0	18	1
MMS1640X5DB	□	5		82.0	119.0	123.0	182.0	179.0	3.0	18	1
MMS1650S-DIN-C	□	3	16.5	49.5	73.0	75.0	123.0	120.0	3.0	18	1
MMS1650L-DIN-C	□	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	□	3	16.6	49.8	73.0	75.0	123.0	120.0	3.0	18	2
MMS1660S-DIN-C	□	3		49.8	73.0	75.0	123.0	120.0	3.0	18	1
MMS1660L-DIN	□	5		83.0	93.0	95.0	143.0	140.0	3.0	18	2
MMS1660L-DIN-C	□	5		83.0	93.0	95.0	143.0	140.0	3.0	18	1
MMS1660X3DB	□	3		49.8	88.0	89.0	148.0	145.0	3.0	18	1
MMS1660X5DB	□	5		83.0	122.0	123.0	182.0	179.0	3.0	18	1
MMS1670S-DIN	□	3	16.7	50.1	73.0	75.0	123.0	120.0	3.0	18	2
MMS1670S-DIN-C	□	3		50.1	73.0	75.0	123.0	120.0	3.0	18	1
MMS1670L-DIN	□	5		83.5	93.0	95.0	143.0	140.0	3.0	18	2
MMS1670L-DIN-C	□	5		83.5	93.0	95.0	143.0	140.0	3.0	18	1
MMS1670X3DB	□	3		50.1	88.0	89.0	148.0	145.0	3.0	18	1
MMS1670X5DB	□	5		83.5	122.0	123.0	182.0	179.0	3.0	18	1
MMS1680S-DIN	□	3	16.8	50.4	73.0	75.0	123.0	119.9	3.1	18	2
MMS1680S-DIN-C	□	3		50.4	73.0	75.0	123.0	119.9	3.1	18	1
MMS1680L-DIN	□	5		84.0	93.0	95.0	143.0	139.9	3.1	18	2
MMS1680L-DIN-C	□	5		84.0	93.0	95.0	143.0	139.9	3.1	18	1
MMS1680X3DB	□	3		50.4	88.0	89.0	148.1	145.0	3.1	18	1
MMS1680X5DB	□	5		84.0	122.0	123.0	182.1	179.0	3.1	18	1
MMS1690S-DIN	□	3	16.9	50.7	73.0	75.0	123.0	119.9	3.1	18	2
MMS1690S-DIN-C	□	3		50.7	73.0	75.0	123.0	119.9	3.1	18	1
MMS1690L-DIN	□	5		84.5	93.0	95.0	143.0	139.9	3.1	18	2
MMS1690L-DIN-C	□	5		84.5	93.0	95.0	143.0	139.9	3.1	18	1
MMS1690X3DB	□	3		50.7	88.0	89.0	148.1	145.0	3.1	18	1
MMS1690X5DB	□	5		84.5	122.0	123.0	182.1	179.0	3.1	18	1
MMS1700S-DIN-C	□	3	17.0	51.0	73.0	75.0	123.0	119.9	3.1	18	1
MMS1700L-DIN-C	□	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	□	3	17.1	51.3	73.0	75.0	123.0	119.9	3.1	18	2
MMS1710S-DIN-C	□	3		51.3	73.0	75.0	123.0	119.9	3.1	18	1
MMS1710L-DIN	□	5		85.5	93.0	95.0	143.0	139.9	3.1	18	2
MMS1710L-DIN-C	□	5		85.5	93.0	95.0	143.0	139.9	3.1	18	1
MMS1710X3DB	□	3		51.3	91.0	93.0	152.1	149.0	3.1	18	1
MMS1710X5DB	□	5		85.5	126.0	129.0	188.1	185.0	3.1	18	1

MMS

Numer zamówieniowy	DP7020	Głębokość otworu	DC	Wymiary (mm)							Typ
				LU	LCF	LH	OAL	LF	PL	DCON	
MMS1720S-DIN	☐	3	17.2	51.6	73.0	75.0	123.0	119.9	3.1	18	2
MMS1720S-DIN-C	☐	3		51.6	73.0	75.0	123.0	119.9	3.1	18	1
MMS1720L-DIN	☐	5		86.0	93.0	95.0	143.0	139.9	3.1	18	2
MMS1720L-DIN-C	☐	5		86.0	93.0	95.0	143.0	139.9	3.1	18	1
MMS1720X3DB	☐	3		51.6	91.0	93.0	152.1	149.0	3.1	18	1
MMS1720X5DB	☐	5		86.0	126.0	129.0	188.1	185.0	3.1	18	1
MMS1730S-DIN	☐	3	17.3	51.9	73.0	75.0	123.0	119.9	3.1	18	2
MMS1730S-DIN-C	☐	3		51.9	73.0	75.0	123.0	119.9	3.1	18	1
MMS1730L-DIN	☐	5		86.5	93.0	95.0	143.0	139.9	3.1	18	2
MMS1730L-DIN-C	☐	5		86.5	93.0	95.0	143.0	139.9	3.1	18	1
MMS1730X3DB	☐	3		51.9	91.0	93.0	152.1	149.0	3.1	18	1
MMS1730X5DB	☐	5		86.5	126.0	129.0	188.1	185.0	3.1	18	1
MMS1740S-DIN	☐	3	17.4	52.2	73.0	75.0	123.0	119.8	3.2	18	2
MMS1740S-DIN-C	☐	3		52.2	73.0	75.0	123.0	119.8	3.2	18	1
MMS1740L-DIN	☐	5		87.0	93.0	95.0	143.0	139.8	3.2	18	2
MMS1740L-DIN-C	☐	5		87.0	93.0	95.0	143.0	139.8	3.2	18	1
MMS1740X3DB	☐	3		52.2	91.0	93.0	152.2	149.0	3.2	18	1
MMS1740X5DB	☐	5		87.0	126.0	129.0	188.2	185.0	3.2	18	1
MMS1750S-DIN-C	☐	3	17.5	52.5	73.0	75.0	123.0	119.8	3.2	18	1
MMS1750L-DIN-C	☐	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	☐	3	17.6	52.8	73.0	75.0	123.0	119.8	3.2	18	2
MMS1760S-DIN-C	☐	3		52.8	73.0	75.0	123.0	119.8	3.2	18	1
MMS1760L-DIN	☐	5		88.0	93.0	95.0	143.0	139.8	3.2	18	2
MMS1760L-DIN-C	☐	5		88.0	93.0	95.0	143.0	139.8	3.2	18	1
MMS1760X3DB	☐	3		52.8	93.0	93.0	152.2	149.0	3.2	18	1
MMS1760X5DB	☐	5		88.0	129.0	129.0	188.2	185.0	3.2	18	1
MMS1770S-DIN	☐	3	17.7	53.1	73.0	75.0	123.0	119.8	3.2	18	2
MMS1770S-DIN-C	☐	3		53.1	73.0	75.0	123.0	119.8	3.2	18	1
MMS1770L-DIN	☐	5		88.5	93.0	95.0	143.0	139.8	3.2	18	2
MMS1770L-DIN-C	☐	5		88.5	93.0	95.0	143.0	139.8	3.2	18	1
MMS1770X3DB	☐	3		53.1	93.0	93.0	152.2	149.0	3.2	18	1
MMS1770X5DB	☐	5		88.5	129.0	129.0	188.2	185.0	3.2	18	1
MMS1780S-DIN	☐	3	17.8	53.4	73.0	75.0	123.0	119.8	3.2	18	2
MMS1780S-DIN-C	☐	3		53.4	73.0	75.0	123.0	119.8	3.2	18	1
MMS1780L-DIN	☐	5		89.0	93.0	95.0	143.0	139.8	3.2	18	2
MMS1780L-DIN-C	☐	5		89.0	93.0	95.0	143.0	139.8	3.2	18	1
MMS1780X3DB	☐	3		53.4	93.0	93.0	152.2	149.0	3.2	18	1
MMS1780X5DB	☐	5		89.0	129.0	129.0	188.2	185.0	3.2	18	1
MMS1790S-DIN	☐	3	17.9	53.7	73.0	75.0	123.0	119.7	3.3	18	2
MMS1790S-DIN-C	☐	3		53.7	73.0	75.0	123.0	119.7	3.3	18	1
MMS1790L-DIN	☐	5		89.5	93.0	95.0	143.0	139.7	3.3	18	2
MMS1790L-DIN-C	☐	5		89.5	93.0	95.0	143.0	139.7	3.3	18	1
MMS1790X3DB	☐	3		53.7	93.0	93.0	152.3	149.0	3.3	18	1
MMS1790X5DB	☐	5		89.5	129.0	129.0	188.3	185.0	3.3	18	1
MMS1800S-DIN-C	☐	3	18.0	54.0	73.0	75.0	123.0	119.7	3.3	18	1
MMS1800L-DIN-C	☐	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

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

MMS

Numer zamówieniowy	DP7020	Głębokość otworu	DC	Wymiary (mm)							Typ
				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	2
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

Numer zamówieniowy	DP7020	Głębokość otworu	DC	Wymiary (mm)							Typ
				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

ZALECANE PARAMETRY SKRAWANIA

Material	DC	Vc	n	f	Vf
Austenityczna stal nierdzewna (≤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
Austenityczna stal nierdzewna (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
M Stal nierdzewna duplex (≤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
Stale nierdzewne ferrytyczne i martenzytyczne (≤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
Stale nierdzewne ferrytyczne i martenzytyczne (>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

MMS

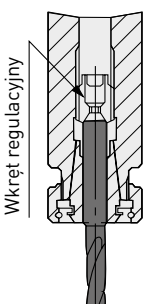
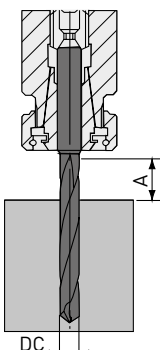
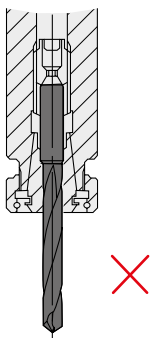
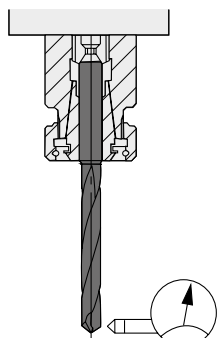
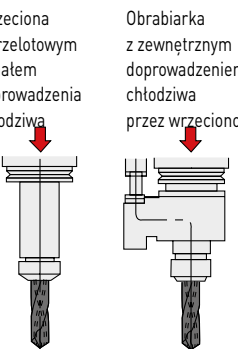
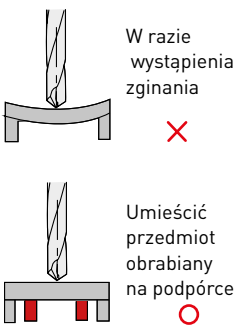
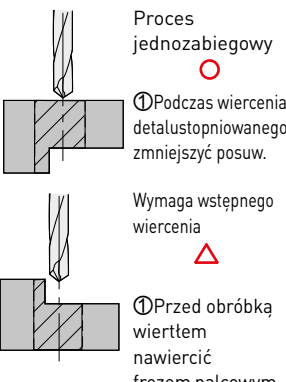
Materiał	DC	Vc	n	f	Vf
M Stale nierdzewne hartowane (<450HB)	3.2	50	4900	0.1 [0.05–0.15]	490
	4.0	50	3900	0.12 [0.08–0.18]	465
	5.0	50	3100	0.12 [0.08–0.18]	370
	6.3	50	2500	0.15 [0.1–0.2]	375
	8.0	50	1900	0.17 [0.12–0.22]	320
	10.0	40	1200	0.18 [0.13–0.23]	215
	12.0	40	1000	0.19 [0.14–0.24]	190
	16.0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

Stabilne wiercenie zapewnia podawanie chłodziwa pod wysokim ciśnieniem.

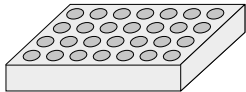
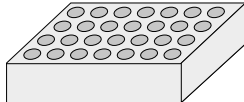
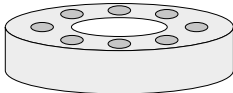
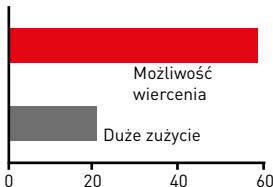
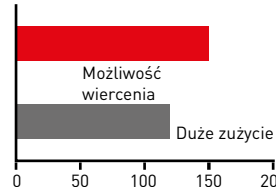
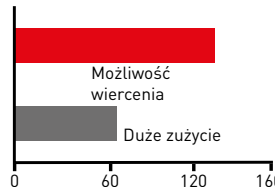
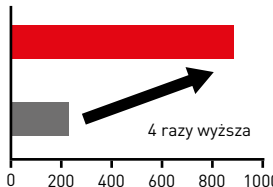
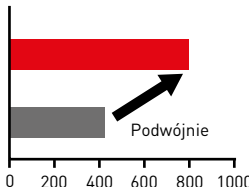
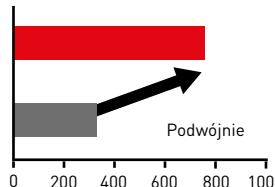
Zalecany typ chłodziwa - emulsja wodna.

W przypadku chłodziw innych niż wodorozcieńczalne zmniejszyć obroty o 10%–20%.

WSKAZÓWKI EKSPLOATACYJNE

Zamocowanie wiertła	Długość wiertła	Montaż wiertła	Tolerancja montażu
 Uchwyt z tuleją wciąganą i łożyskiem oporowym silnie mocuje narzędzie.	 $A > DC \times 1.5$	 Nie mocować wiertła za rowek wiórowy.	 Bicie $\leq 0.03\text{mm}$
Typ z przelotowym kanałem doprowadzenia chłodziwa	Postępowanie z chłodziwem	Cienkie przedmioty obrabiane	Obróbka przerywana
 Wrzeciona z przelotowym kanałem doprowadzenia chłodziwa Obrabiarka z zewnętrznym doprowadzeniem chłodziwa przez wrzeciono Ciśnienie chłodziwa wynosi ok. 5 bar–70 bar	1) Częstki brudu i kurzu w używanym chłodziwie zatykają kanał doprowadzenia chłodziwa i uniemożliwiają jego skuteczny przepływ. Zalecana jest regularna wymiana chłodziwa. 2) Małe cząstki opiłków zatykają kanał doprowadzenia chłodziwa. Profilaktycznie zawsze używać filtra. Wierząc wiertłem o małej średnicy, używać filtra o małym numerze sita.	 W razie wystąpienia zginania Umieścić przedmiot obrabiany na podpórcie	 Proces jednozabiegowy ① Podczas wiercenia detalustopniowanego zmniejszyć posuw. Wymaga wstępnego wiercenia ① Przed obróbką wiertłem nawiercić frezem palcowym.

PRZYKŁAD ZASTOSOWANIA

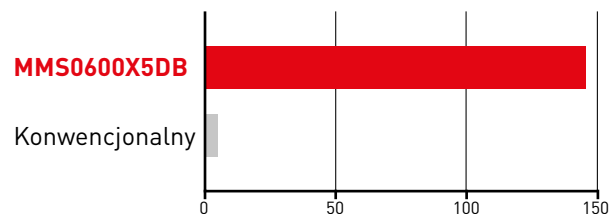
Wiertło		MMS0560X5DB		MMS0500X5DB		MMS0970X3DB	
Detal		Austenityczna stal nierdzewna JIS SUS304(200HB) Głębokość otworu: 20 mm		Stal nierdzewna JIS SUS630 Głębokość otworu: 30 mm		Austenityczna stal nierdzewna JIS SUS304L(200HB) Głębokość otworu: 25.4 mm	
							
Przedmiot obrabiany		Części medyczne		Dysza przędzalnicza		Części wymiennika ciepła	
Wiertło		MMS0560X5DB	Konwencjonalny	MMS0500X5DB	Konwencjonalny	MMS0970X3DB	Konwencjonalny
Parametry obróbki	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
Chłodziwo		Emulsja wodna					
Obróbka		Centrum obróbcze					
CYKL ŻYCIA NARZĘDZIA							
Rezultat							
		Możliwość wiercenia Duże zużycie		Możliwość wiercenia Duże zużycie		Możliwość wiercenia Duże zużycie	
SZYBKOŚĆ POSUWU							
Rezultat							
		4 razy wyższa		Podwójnie		Podwójnie	

WYDAJNOŚĆ OBRÓBK

Wiertła MMS zapewniają dłuższą żywotność narzędzia i są idealne do wiercenia w stali nierdzewnej.

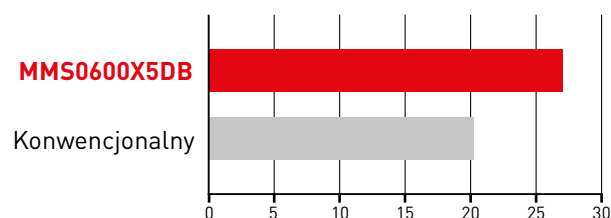
AUSTENITYCZNA STAL NIERDZEWNA

Wiertło (mm)	Ø 6.0
Detal	JIS SUS316L
Głębokość otworu (mm)	30 (L/D=5)
Vc (m/min)	90
f (mm/obr)	0.2
fr (mm/min)	955 (Non stop)
Chłodziwo	W.S.O
Ciśnienie chłodziwa	3 MPa
Obrabiarka	Centrum obróbcze



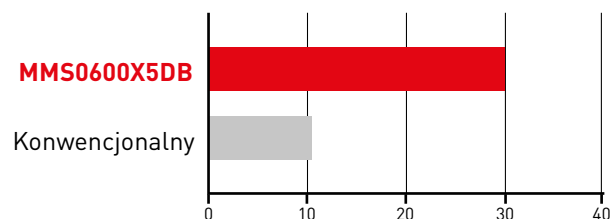
STAL NIERDZEWNA FERRYTYCZNA

Wiertło (mm)	Ø6.0
Detal	JIS SUS420J2
Głębokość otworu (mm)	30 (L/D=5)
Vc (m/min)	50
f (mm/obr)	0.13
fr (mm/min)	345 (Non stop)
Chłodziwo	W.S.O
Ciśnienie chłodziwa	3 MPa
Obrabiarka	Centrum obróbcze



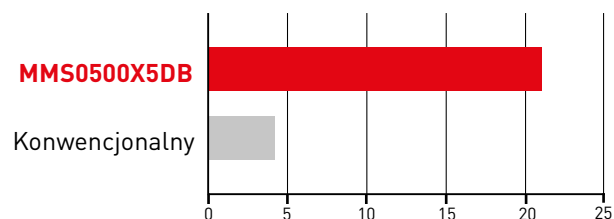
STAL AUSTENITYCZNO-FERRYTYCZNA (DUPLEX)

Wiertło (mm)	Ø6.0
Detal	JIS SUS329J1
Głębokość otworu (mm)	30 (L/D=5)
Vc (m/min)	50
f (mm/rev)	0.13
fr (mm/min)	345 (Non stop)
Chłodziwo	W.S.O
Ciśnienie chłodziwa	3 MPa
Obrabiarka	Centrum obróbcze



STAL NIERDZEWNA UTWARDZANA WYDZIELENIOWO

Wiertło (mm)	Ø5.0
Detal	JIS SUS630
Głębokość otworu (mm)	25 (L/D=5)
Vc (m/min)	50
f (mm/rev)	0.08
fr (mm/min)	255 (Non stop)
Chłodziwo	W.S.O
Ciśnienie chłodziwa	3 MPa
Obrabiarka	Centrum obróbcze



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